

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
 Data File : VN061894.D
 Acq On : 18 Jun 2020 12:50
 Operator : JC/MD
 Sample : VN0618WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBS01

Quant Time: Jun 19 05:24:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	148206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	255152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	240015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	112331	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	95918	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
35) Dibromofluoromethane	7.55	113	81935	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
50) Toluene-d8	10.06	98	309538	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
62) 4-Bromofluorobenzene	12.38	95	102097	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	38112	19.940	ug/l	98
3) Chloromethane	2.03	50	41618	20.231	ug/l	99
4) Vinyl Chloride	2.16	62	53042	21.628	ug/l	99
5) Bromomethane	2.53	94	37586	19.958	ug/l	96
6) Chloroethane	2.67	64	36091	21.745	ug/l	98
7) Trichlorofluoromethane	2.98	101	61694	21.060	ug/l	95
8) Diethyl Ether	3.37	74	19887	20.194	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	31287	20.818	ug/l	99
10) Methyl Iodide	3.91	142	34079	22.109	ug/l	99
11) Tert butyl alcohol	4.74	59	25465	92.582	ug/l	99
12) 1,1-Dichloroethene	3.69	96	30668	20.366	ug/l	97
13) Acrolein	3.57	56	12689	77.188	ug/l	100
14) Allyl chloride	4.27	41	35588	17.807	ug/l	95
15) Acrylonitrile	4.93	53	69510	101.991	ug/l	100
16) Acetone	3.78	43	56677	96.534	ug/l	98
17) Carbon Disulfide	4.01	76	84701	19.224	ug/l	98
18) Methyl Acetate	4.28	43	33386	19.751	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	97423	19.431	ug/l	98
20) Methylene Chloride	4.50	84	36098	18.872	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	34002	19.658	ug/l	95
22) Diisopropyl ether	5.90	45	87926	19.236	ug/l	98
23) Vinyl Acetate	5.84	43	344566	95.846	ug/l	99
24) 1,1-Dichloroethane	5.80	63	58666	19.607	ug/l	98
25) 2-Butanone	6.79	43	84087	98.163	ug/l	94
26) 2,2-Dichloropropane	6.77	77	49781	19.775	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	38492	19.287	ug/l	99
28) Bromochloromethane	7.15	49	25828	19.387	ug/l	94
29) Tetrahydrofuran	7.17	42	56559	100.328	ug/l	99
30) Chloroform	7.33	83	62504	19.546	ug/l	98
31) Cyclohexane	7.61	56	49271	18.810	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	54146	19.882	ug/l	99
36) 1,1-Dichloropropene	7.75	75	46308	19.898	ug/l	98
37) Ethyl Acetate	6.88	43	36162	19.898	ug/l	98
38) Carbon Tetrachloride	7.73	117	47078	20.427	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	49504	19.754	ug/l	99
40) Benzene	8.00	78	139959	19.853	ug/l	100
41) Methacrylonitrile	7.17	41	52443	67.483	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	48229	20.064	ug/l	99
43) Isopropyl Acetate	8.13	43	59561	19.447	ug/l #	90
44) Trichloroethene	8.80	130	37883	20.418	ug/l	97
45) 1,2-Dichloropropane	9.09	63	34086	19.674	ug/l	100
46) Dibromomethane	9.18	93	24684	20.233	ug/l	98
47) Bromodichloromethane	9.37	83	49026	19.625	ug/l	99
48) Methyl methacrylate	9.17	41	26673	19.151	ug/l	98
49) 1,4-Dioxane	9.17	88	12837	401.443	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	180329	99.637	ug/l	100
52) Toluene	10.12	92	90491	20.438	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	51664	19.481	ug/l	94
54) cis-1,3-Dichloropropene	9.81	75	57012	19.793	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	35346	20.290	ug/l	97
56) Ethyl methacrylate	10.40	69	45033	18.844	ug/l	100
57) 1,3-Dichloropropane	10.68	76	58818	19.930	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	79857	86.861	ug/l	97
59) 2-Hexanone	10.72	43	128449	97.479	ug/l	99
60) Dibromochloromethane	10.87	129	39396	20.267	ug/l	100
61) 1,2-Dibromoethane	10.98	107	36694	20.173	ug/l	98
64) Tetrachloroethene	10.60	164	30674	20.051	ug/l	98
65) Chlorobenzene	11.41	112	96716	19.097	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	34766	19.683	ug/l	97
67) Ethyl Benzene	11.48	91	162728	19.164	ug/l	99
68) m/p-Xylenes	11.59	106	127268	38.869	ug/l	100
69) o-Xylene	11.92	106	60781	19.455	ug/l	99
70) Styrene	11.94	104	101366	19.378	ug/l	100
71) Bromoform	12.10	173	24507	19.028	ug/l #	98
73) Isopropylbenzene	12.22	105	160934	20.161	ug/l	99
74) N-amyl acetate	12.05	43	46900	18.294	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	51642	19.899	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	62275	28.238	ug/l #	100
77) Bromobenzene	12.50	156	39560	19.644	ug/l	99
78) n-propylbenzene	12.56	91	177822	19.523	ug/l	99
79) 2-Chlorotoluene	12.65	91	105971	19.372	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	132754	20.102	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	15632	19.333	ug/l	99
82) 4-Chlorotoluene	12.75	91	110309	19.515	ug/l	100
83) tert-Butylbenzene	12.97	119	109453	19.550	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	129185	19.817	ug/l	97
85) sec-Butylbenzene	13.15	105	145620	19.872	ug/l	99
86) p-Isopropyltoluene	13.26	119	131815	20.186	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	72220	19.663	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	70641	18.789	ug/l	97
89) n-Butylbenzene	13.59	91	100495	18.428	ug/l	99
90) Hexachloroethane	13.85	117	22499	18.823	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	67921	19.208	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	8369	19.864	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration

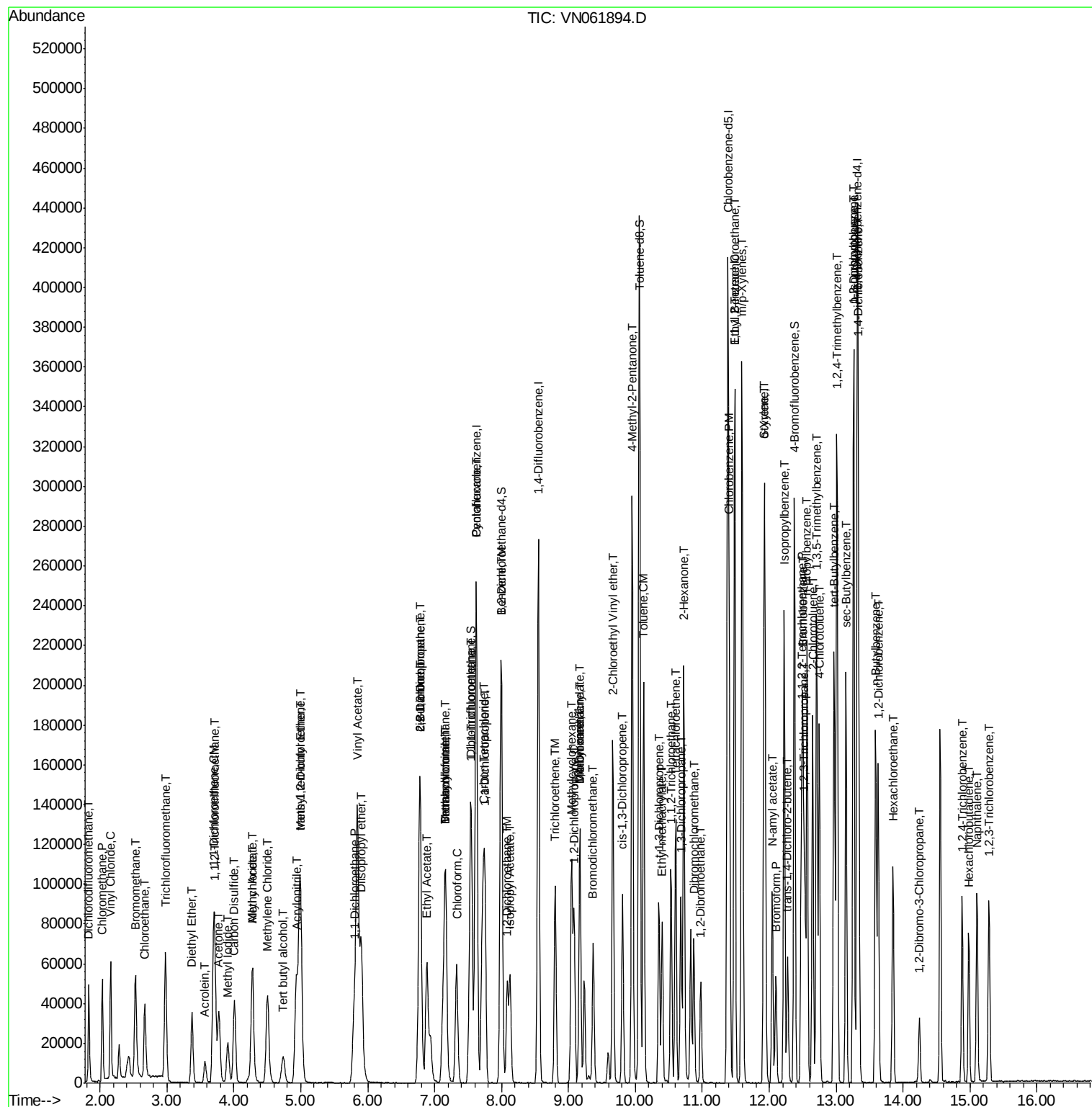
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	29617	17.750	ug/l	98
94) Hexachlorobutadiene	14.98	225	12949	19.704	ug/l	98
95) Naphthalene	15.10	128	84964	17.630	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	30553	18.489	ug/l	99

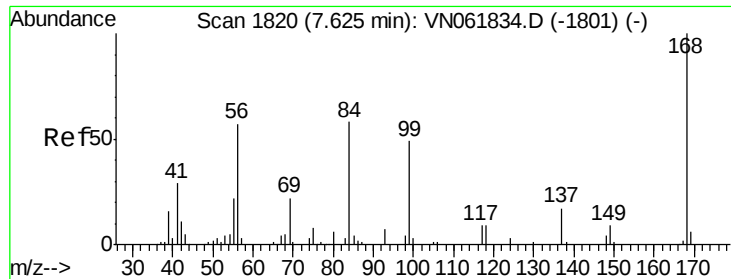
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061820\
Data File : VN061894.D
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Sample : VN0618WBS01
Misc : 5.00mL/MSVOA N/WATER
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Instrument :
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

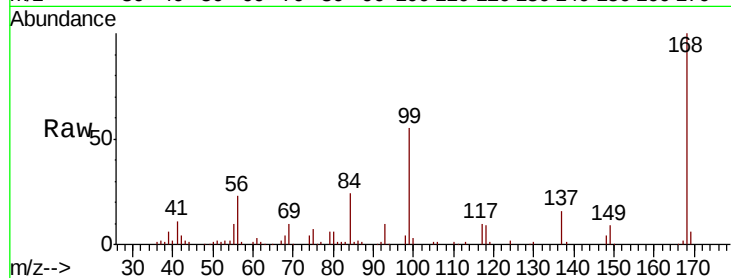
VN0618WBS01

Tot Ion:168 Resp: 148206

Ion Ratio Lower Upper

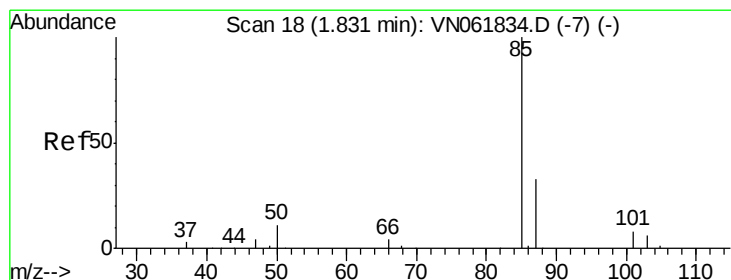
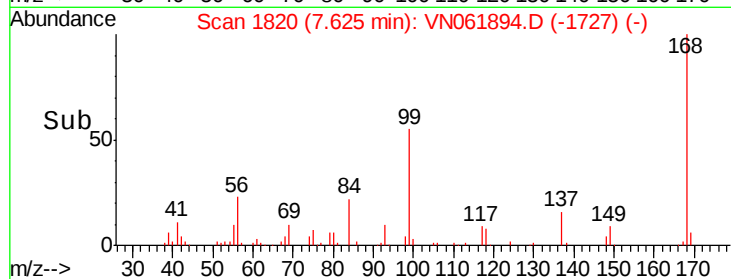
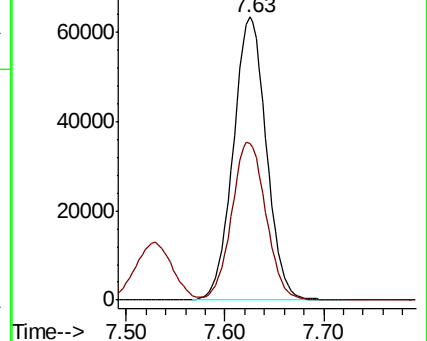
168 100

99 55.5 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 19.940 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061894.D

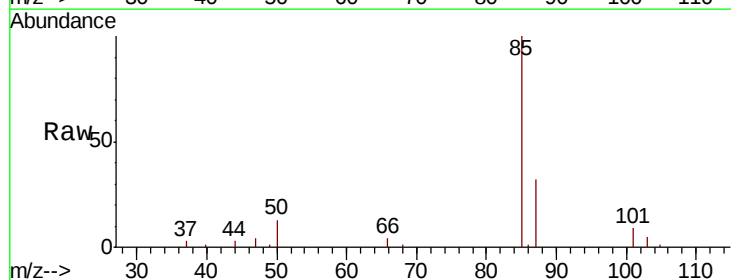
Acq: 18 Jun 2020 12:50

Tgt Ion: 85 Resp: 38112

Ion Ratio Lower Upper

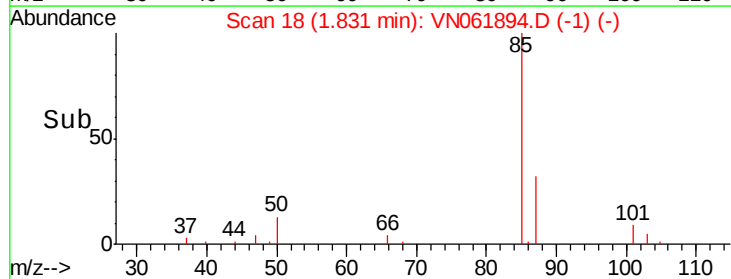
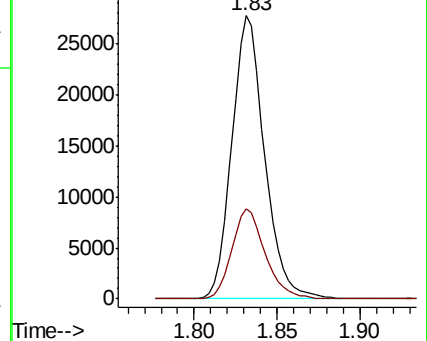
85 100

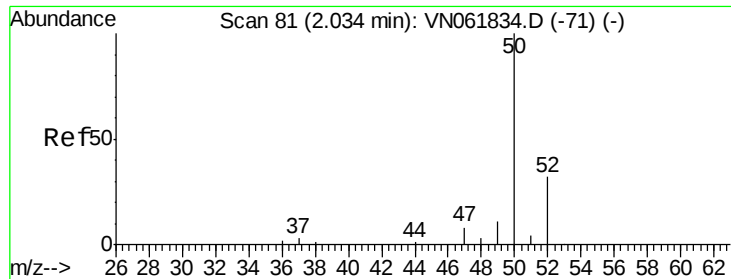
87 31.9 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 20.231 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

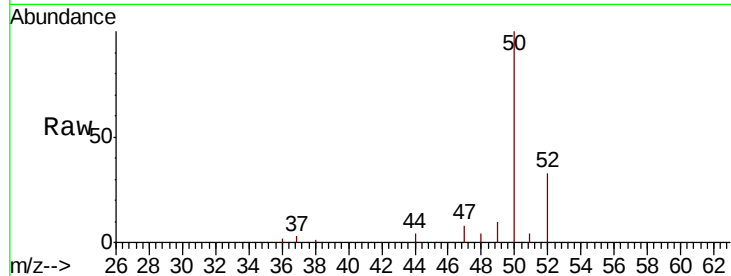
VN0618WBS01

Tot Ion: 50 Resp: 41618

Ion Ratio Lower Upper

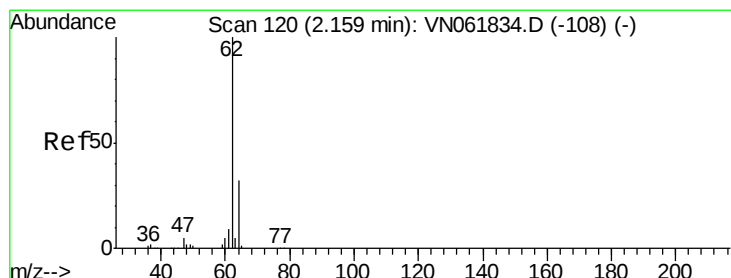
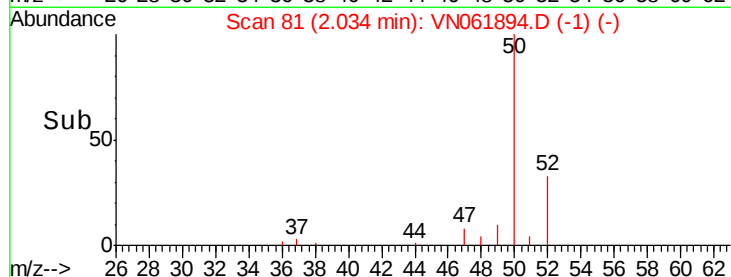
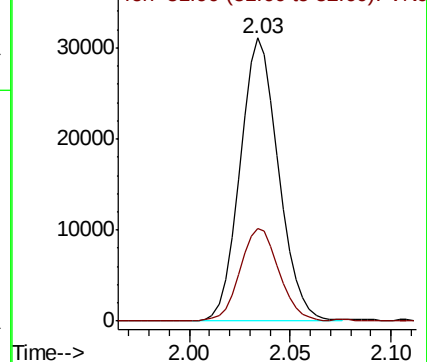
50 100

52 32.9 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 21.628 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061894.D

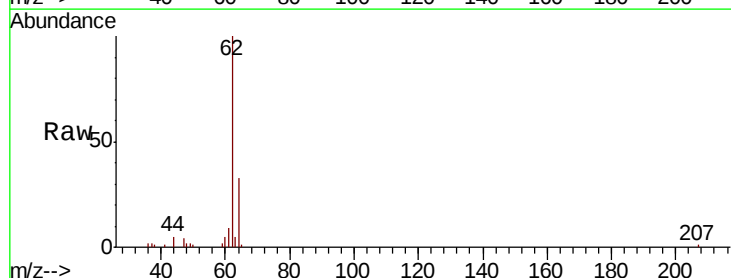
Acq: 18 Jun 2020 12:50

Tgt Ion: 62 Resp: 53042

Ion Ratio Lower Upper

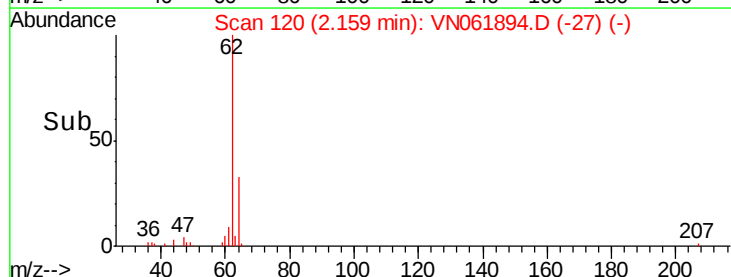
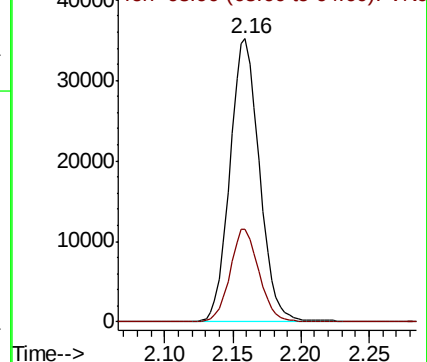
62 100

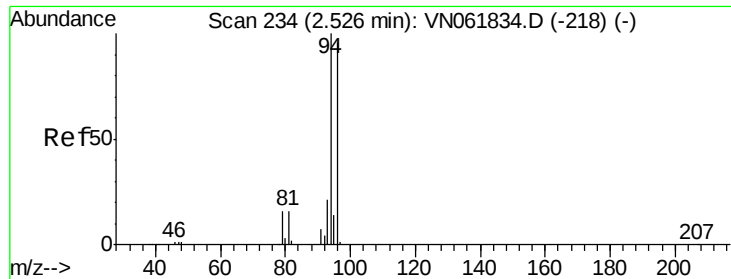
64 32.7 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 19.958 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

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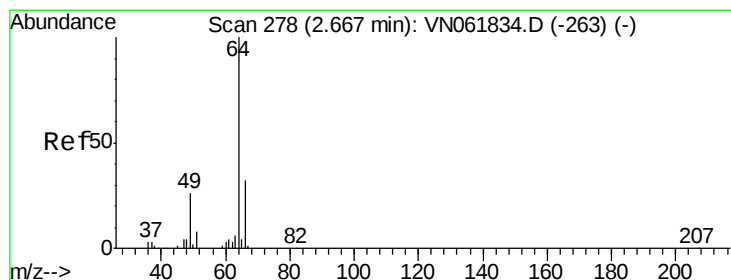
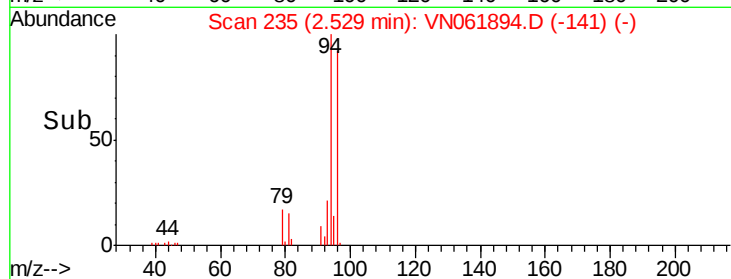
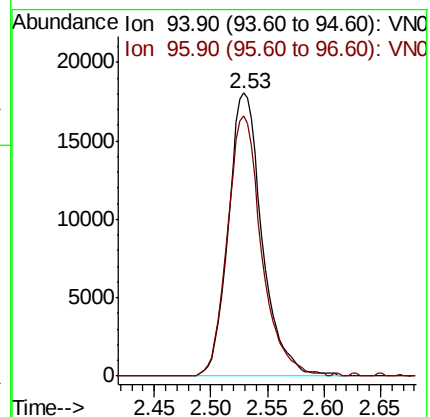
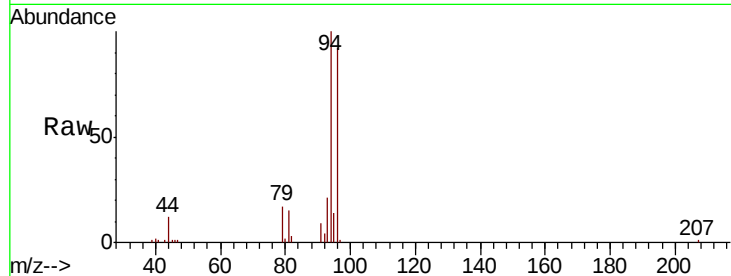
VN0618WBS01

Tot Ion: 94 Resp: 37586

Ion Ratio Lower Upper

94 100

96 92.1 76.7 115.1



#6

Chloroethane

Concen: 21.745 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN061894.D

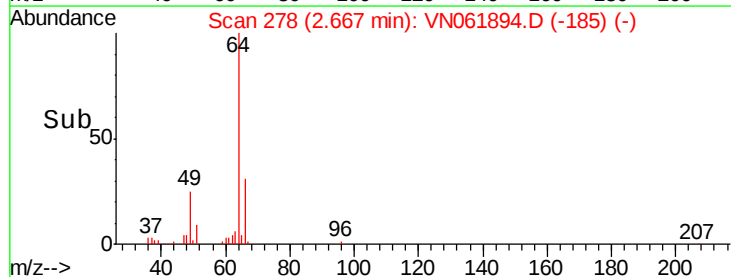
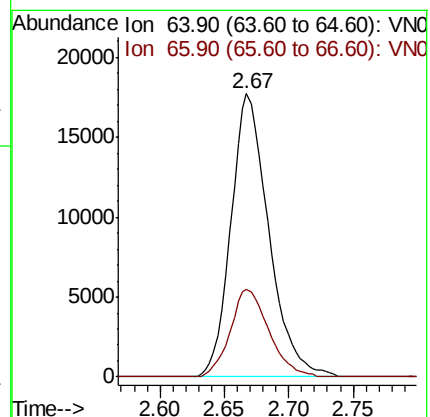
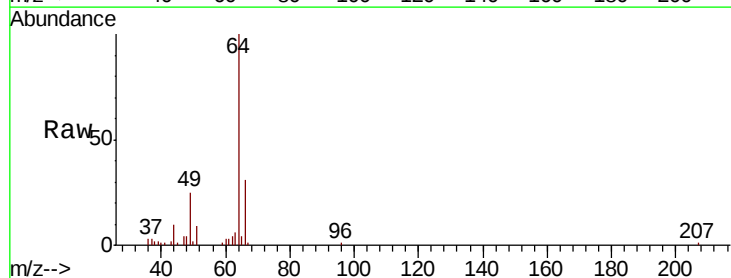
Acq: 18 Jun 2020 12:50

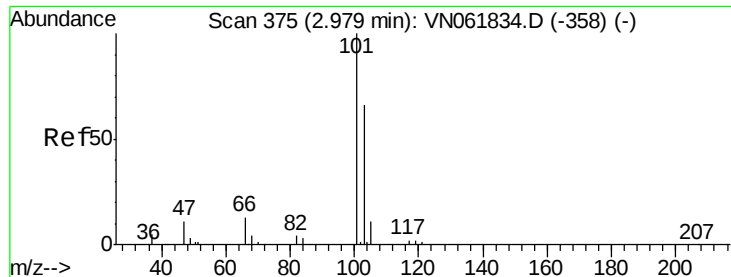
Tgt Ion: 64 Resp: 36091

Ion Ratio Lower Upper

64 100

66 30.9 25.4 38.2



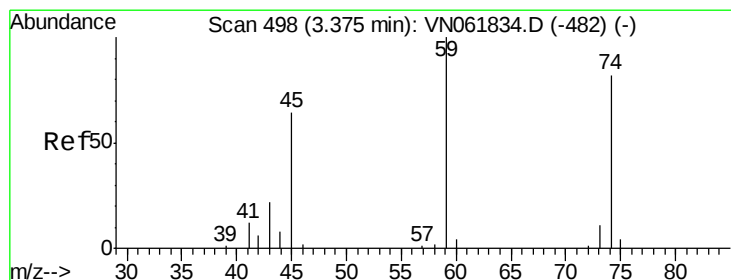
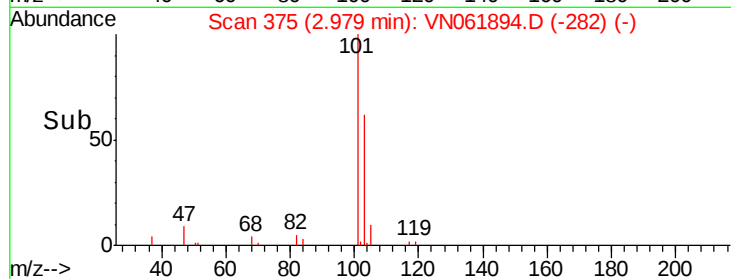
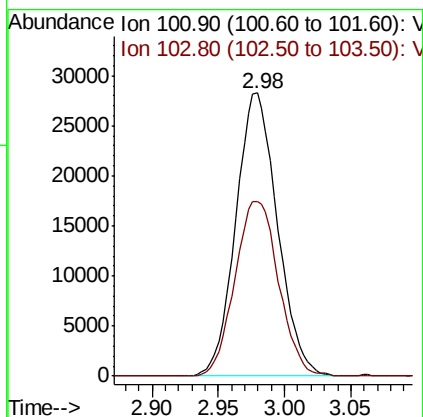
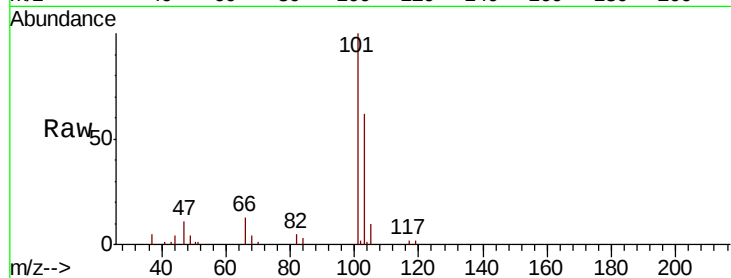


#7

Trichlorofluoromethane
Concen: 21.060 ug/l
RT: 2.98 min Scan# 375
Delta R.T. -0.00 min
Lab File: VN061894.D
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Instrument :
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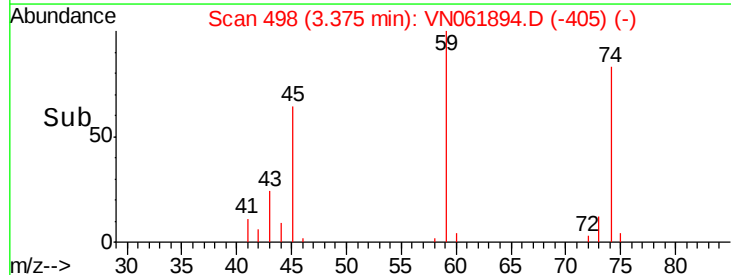
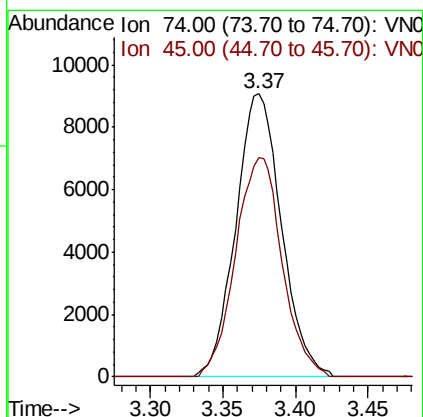
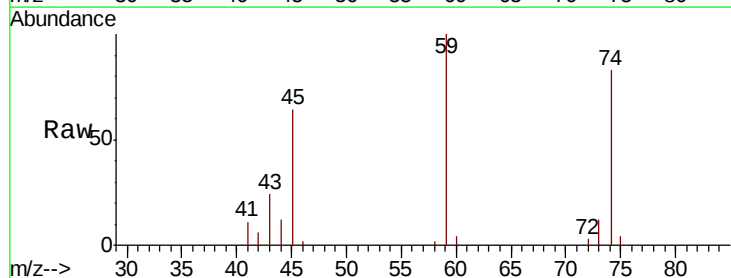
Tot Ion:101 Resp: 61694
Ion Ratio Lower Upper
101 100
103 61.7 52.8 79.2

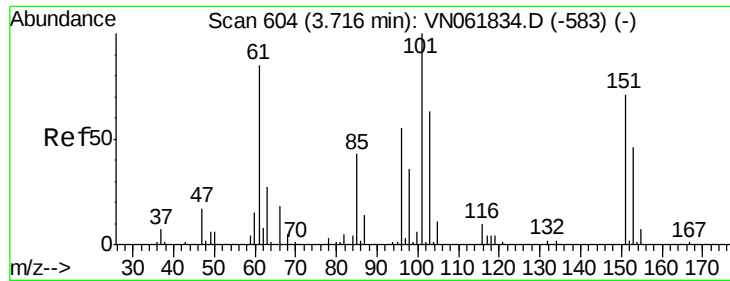


#8

Diethyl Ether
Concen: 20.194 ug/l
RT: 3.37 min Scan# 498
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tgt Ion: 74 Resp: 19887
Ion Ratio Lower Upper
74 100
45 78.7 39.1 117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.818 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.01 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

ClientSampled :

VN0618WBS01

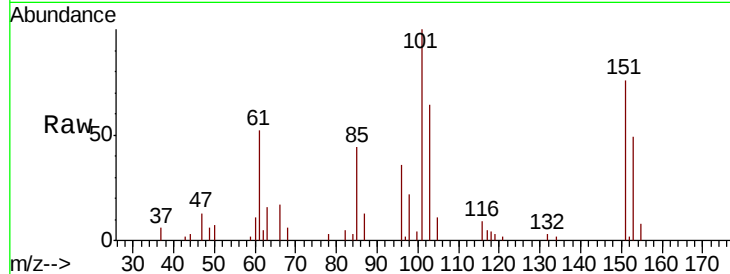
Tot Ion:101 Resp: 31287

Ion Ratio Lower Upper

101 100

85 42.8 35.0 52.6

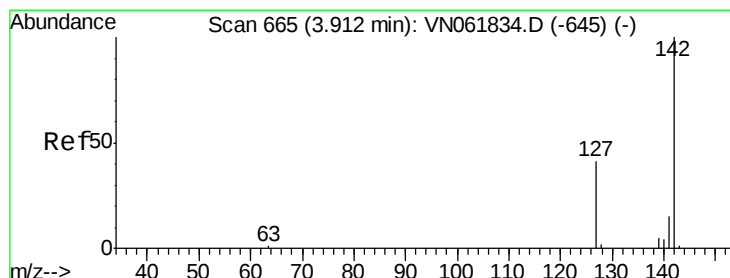
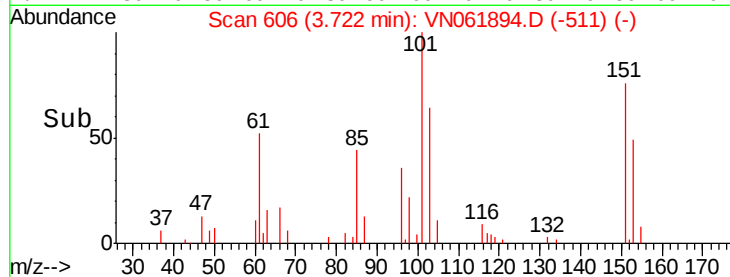
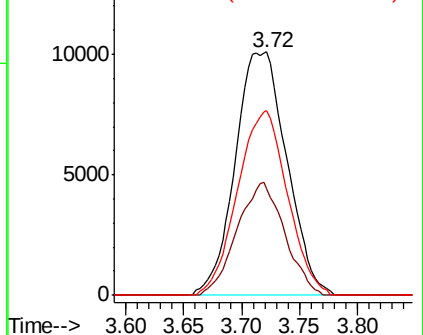
151 73.4 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.109 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

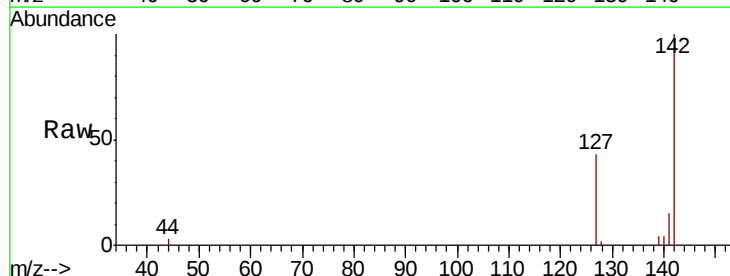
Tgt Ion:142 Resp: 34079

Ion Ratio Lower Upper

142 100

127 42.1 33.4 50.0

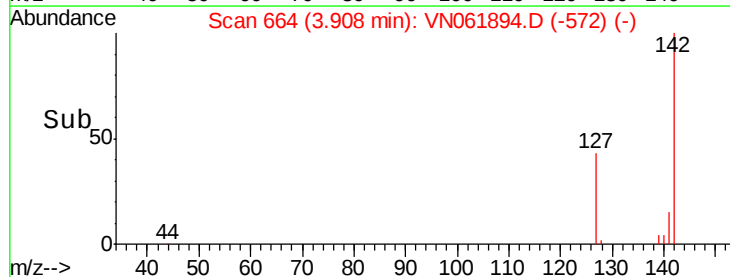
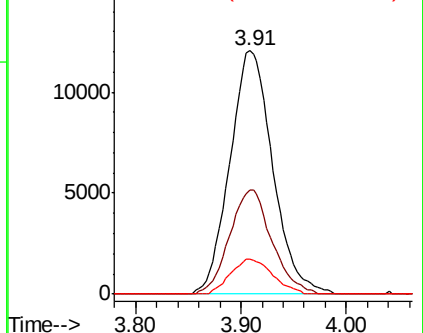
141 14.1 11.3 16.9

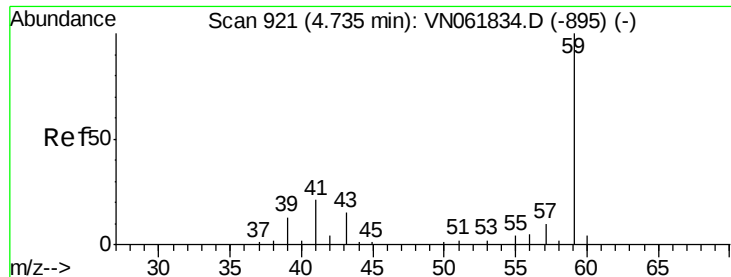


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

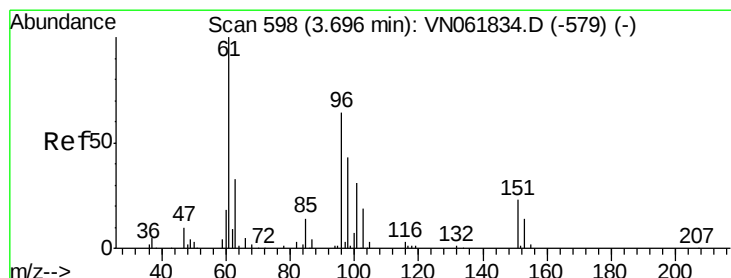
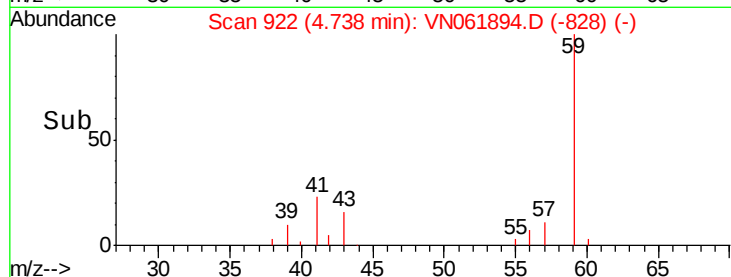
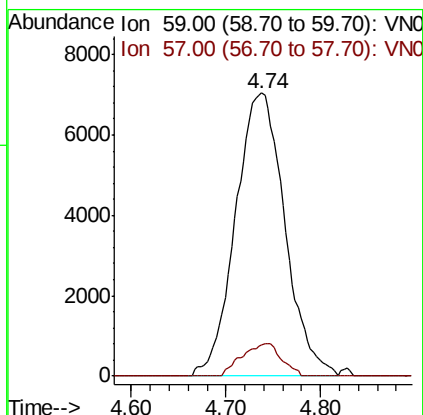
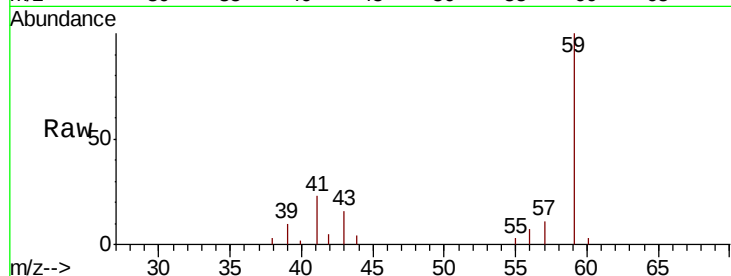




#11
Tert butyl alcohol
Concen: 92.582 ug/l
RT: 4.74 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

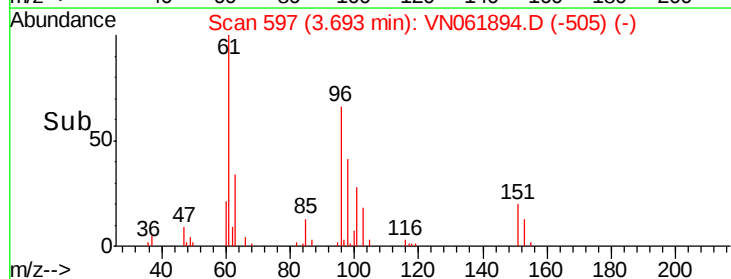
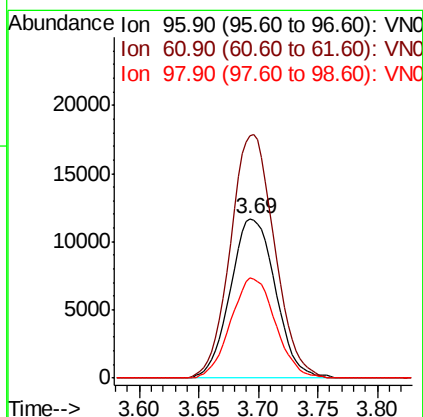
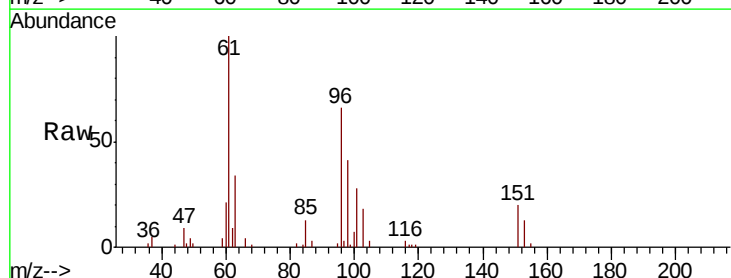
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

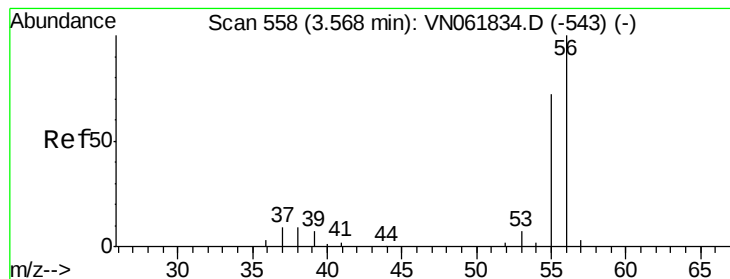
Tot Ion: 59 Resp: 25465
Ion Ratio Lower Upper
59 100
57 9.2 7.7 11.5



#12
1,1-Dichloroethene
Concen: 20.366 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tgt Ion: 96 Resp: 30668
Ion Ratio Lower Upper
96 100
61 152.0 124.3 186.5
98 62.7 53.1 79.7





#13

Acrolein

Concen: 77.188 ug/l

RT: 3.57 min Scan# 558

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

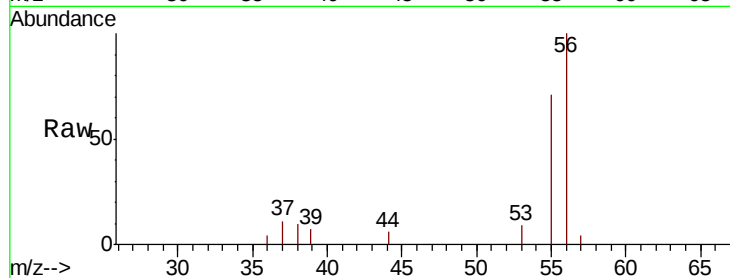
VN0618WBS01

Tot Ion: 56 Resp: 12689

Ion Ratio Lower Upper

56 100

55 70.1 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VN061834.D (-543) (-)

Ion 55.00 (54.70 to 55.70): VN061834.D (-543) (-)

3.57

5000

4000

3000

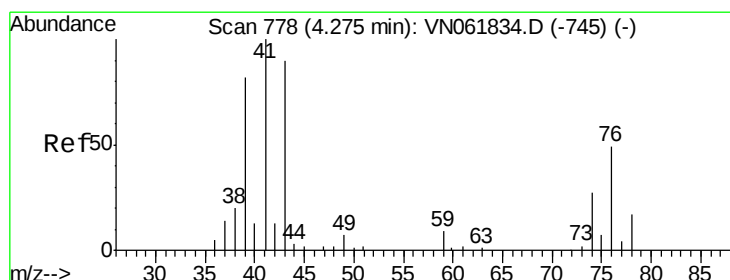
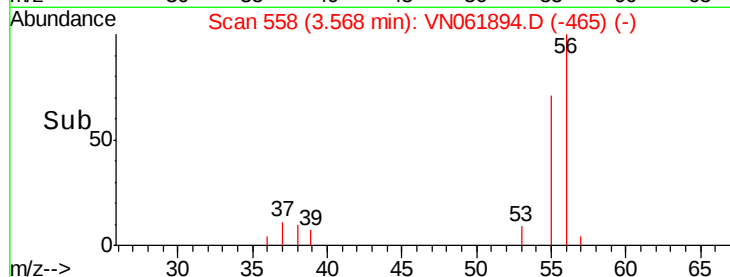
2000

1000

0

Time-->

3.50 3.55 3.60 3.65



#14

Allyl chloride

Concen: 17.807 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

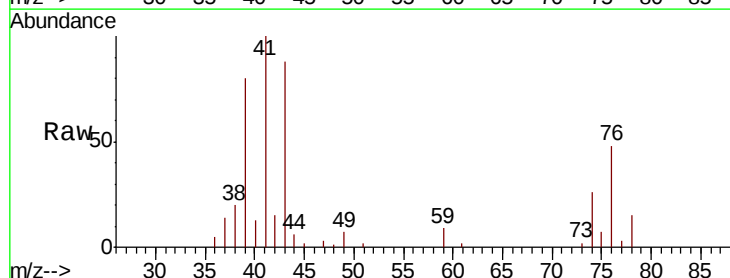
Tgt Ion: 41 Resp: 35588

Ion Ratio Lower Upper

41 100

39 79.9 60.2 90.2

76 48.6 36.3 54.5



Abundance Ion 41.00 (40.70 to 41.70): VN061834.D (-745) (-)

Ion 39.00 (38.70 to 39.70): VN061834.D (-745) (-)

Ion 75.90 (75.60 to 76.60): VN061834.D (-745) (-)

15000

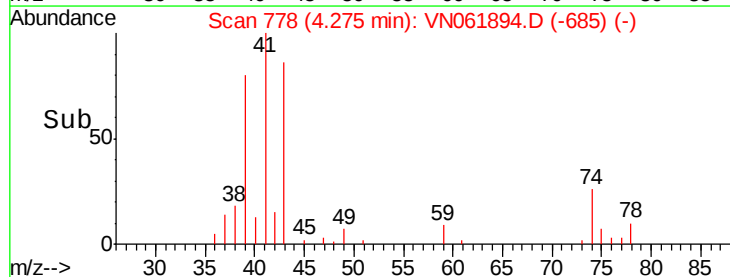
10000

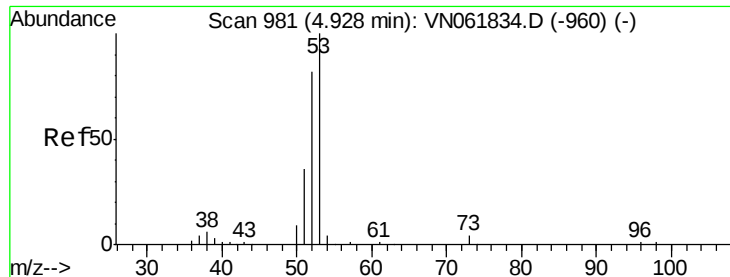
5000

0

Time-->

4.20 4.30 4.40





#15

Acrylonitrile

Concen: 101.991 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

ClientSampled :

VN0618WBS01

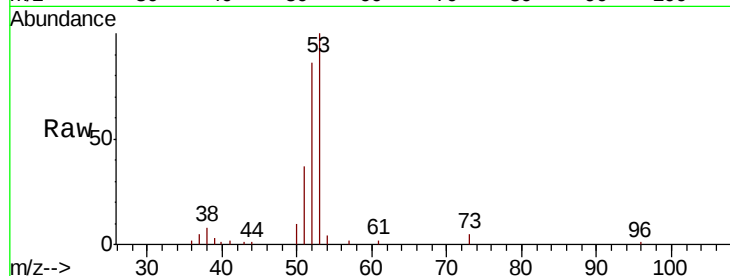
Tot Ion: 53 Resp: 69510

Ion Ratio Lower Upper

53 100

52 81.1 65.2 97.8

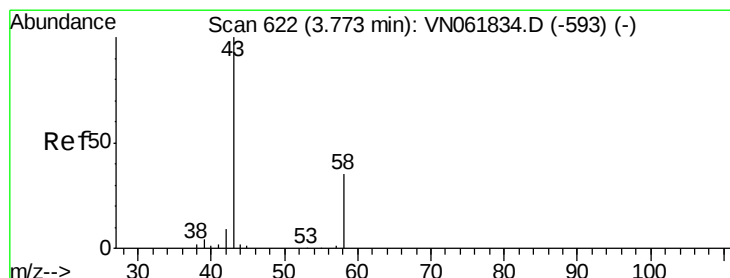
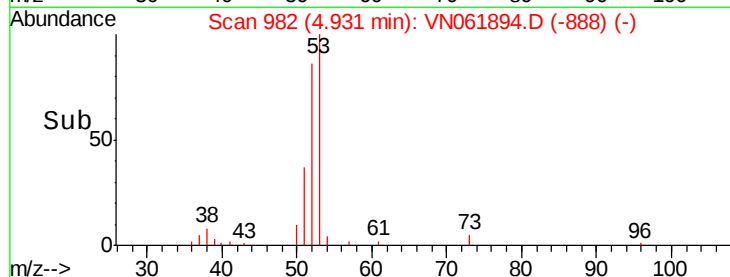
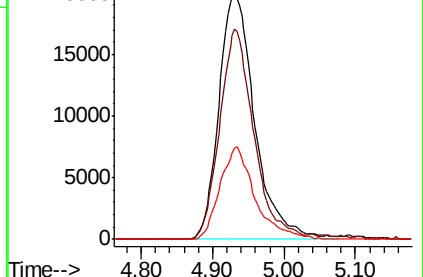
51 36.8 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VN061834.D (-960) (-)

Ion 52.00 (51.70 to 52.70): VN061834.D (-960) (-)

Ion 51.00 (50.70 to 51.70): VN061834.D (-960) (-)



#16

Acetone

Concen: 96.534 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061894.D

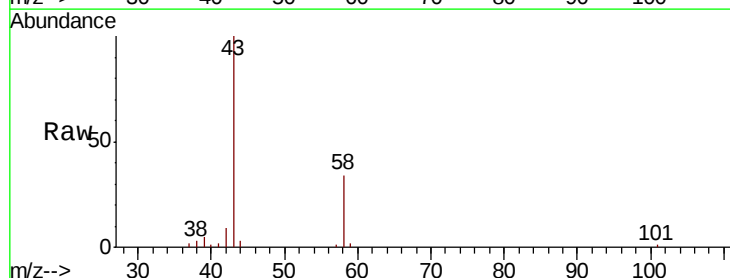
Acq: 18 Jun 2020 12:50

Tgt Ion: 43 Resp: 56677

Ion Ratio Lower Upper

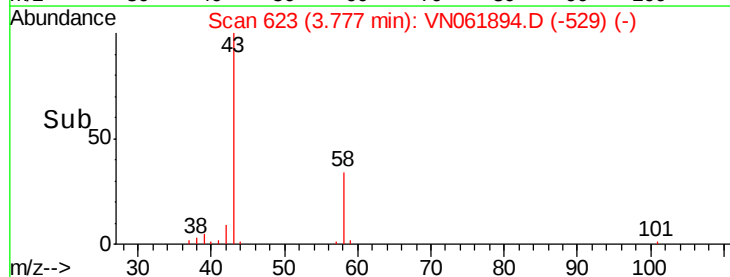
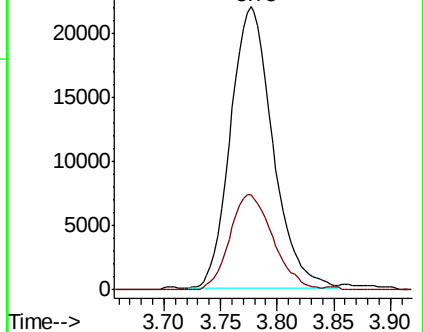
43 100

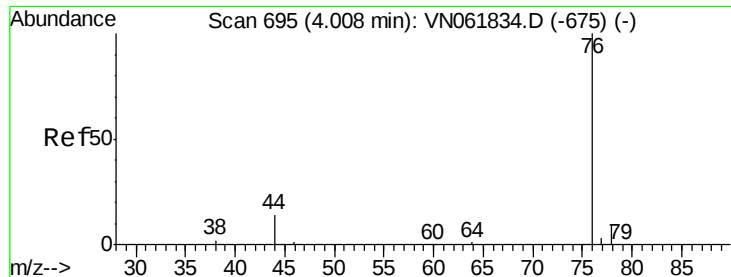
58 33.9 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-593) (-)

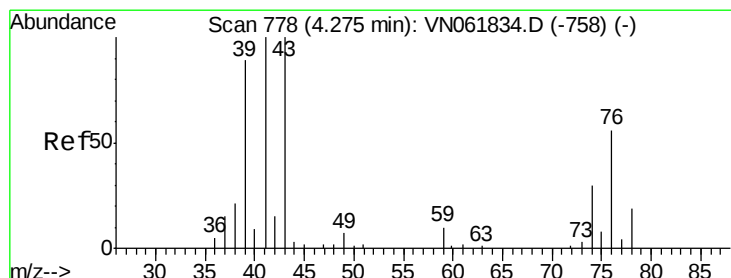
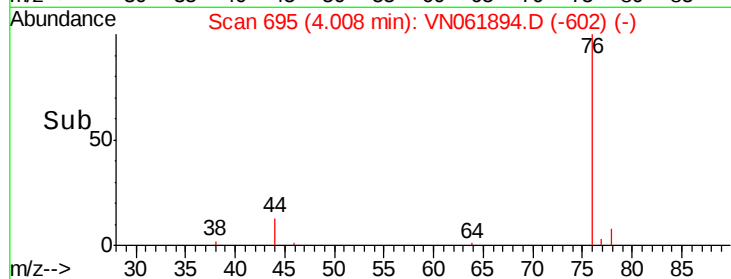
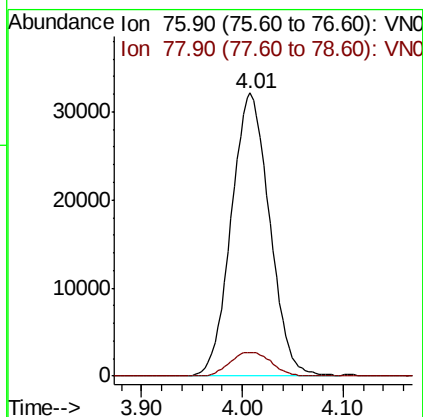
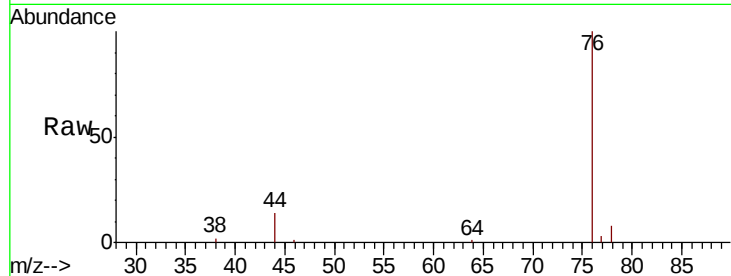




#17
Carbon Disulfide
Concen: 19.224 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

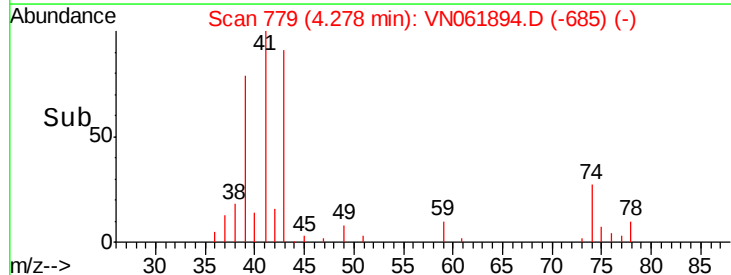
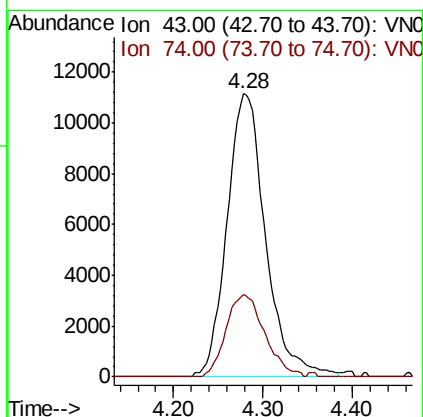
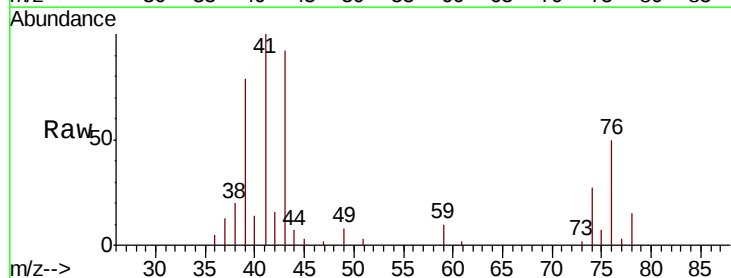
Instrument :
MSVOA_N
ClientSampled :
VN0618WBS01

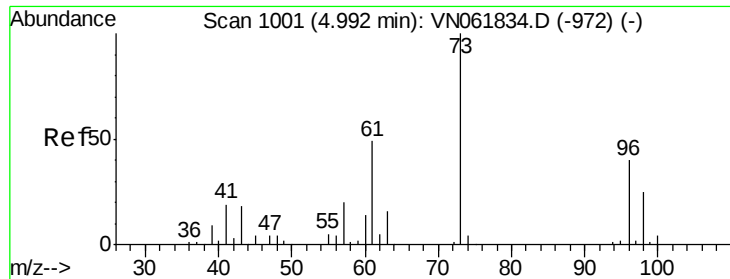
Tot Ion: 76 Resp: 84701
Ion Ratio Lower Upper
76 100
78 8.4 7.3 10.9



#18
Methyl Acetate
Concen: 19.751 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tgt Ion: 43 Resp: 33386
Ion Ratio Lower Upper
43 100
74 29.1 23.0 34.4



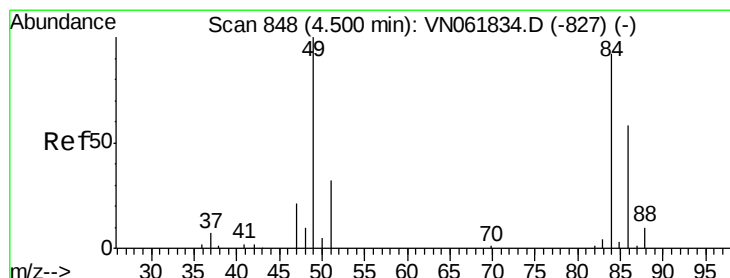
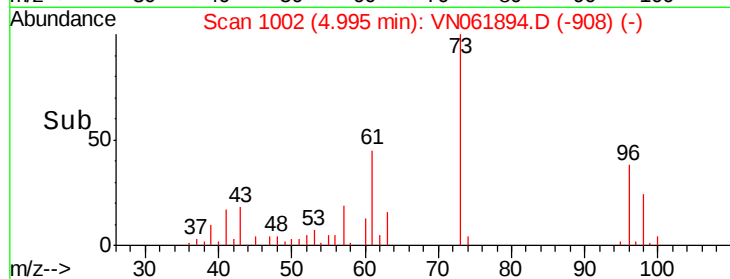
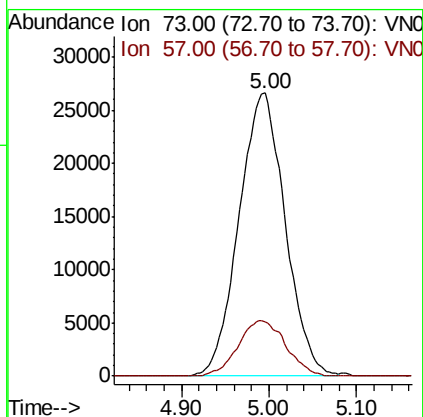
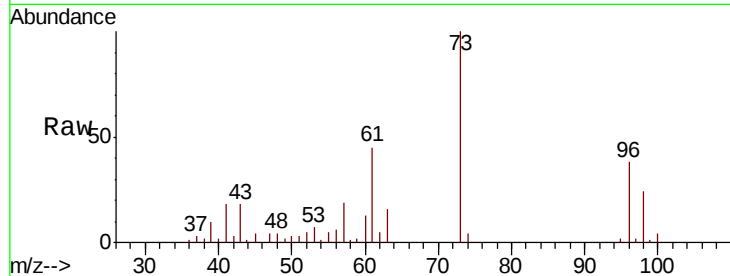


#19

Methyl tert-butyl Ether
 Concen: 19.431 ug/l
 RT: 5.00 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: VN061894.D
 Acq: 18 Jun 2020 12:50

Instrument :
 MSVOA_N
 ClientSampled :
 VN0618WBS01

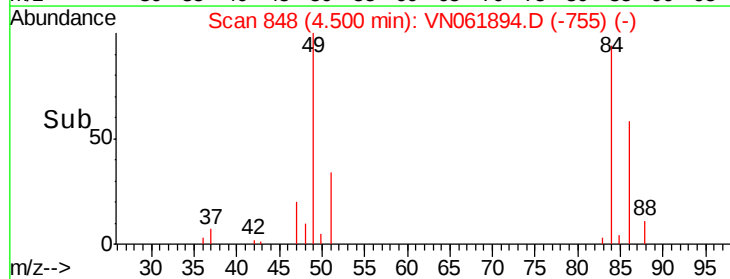
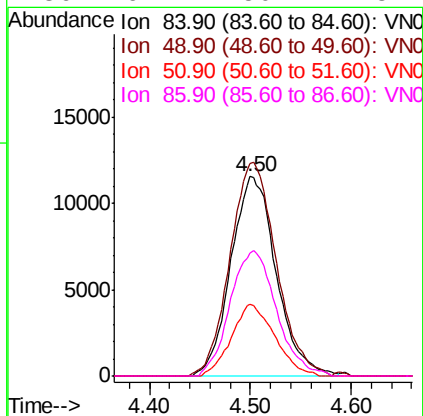
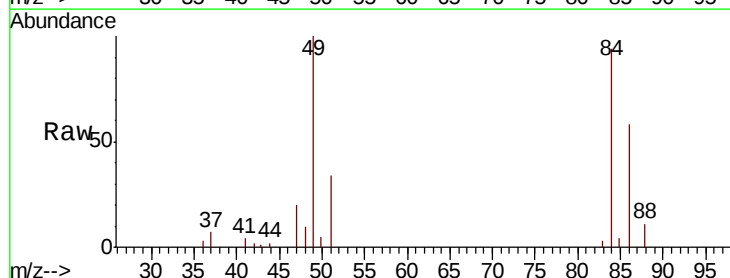
Tot Ion: 73 Resp: 97423
 Ion Ratio Lower Upper
 73 100
 57 19.3 16.2 24.4

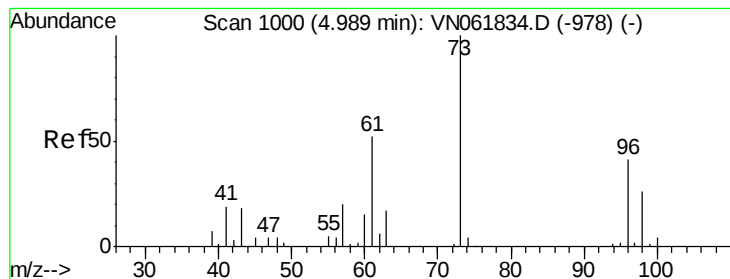


#20

Methylene Chloride
 Concen: 18.872 ug/l
 RT: 4.50 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: VN061894.D
 Acq: 18 Jun 2020 12:50

Tgt Ion: 84 Resp: 36098
 Ion Ratio Lower Upper
 84 100
 49 106.4 87.0 130.4
 51 35.9 27.8 41.6
 86 61.4 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 19.658 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

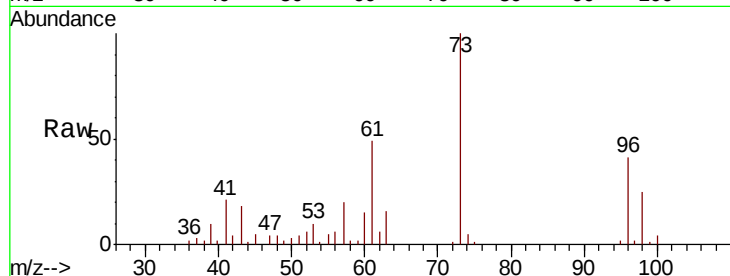
Tot Ion: 96 Resp: 34002

Ion Ratio Lower Upper

96 100

61 121.1 102.2 153.4

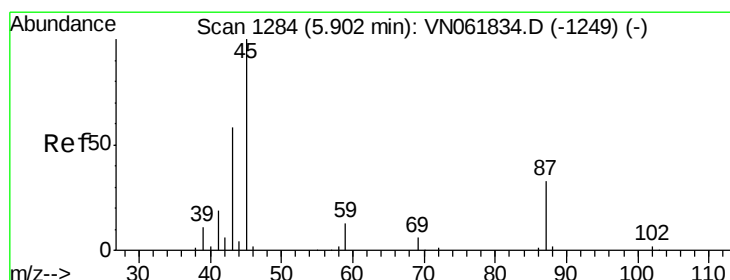
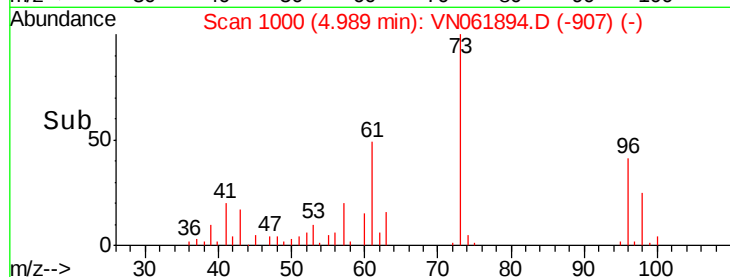
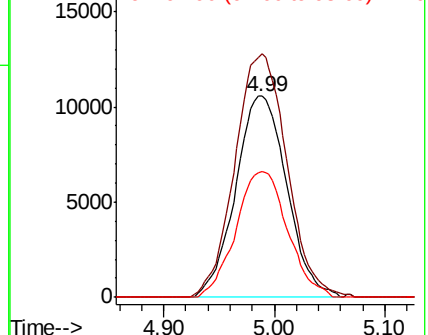
98 62.3 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VN061834.D (-978) (-)

Ion 60.90 (60.60 to 61.60): VN061834.D (-978) (-)

Ion 97.90 (97.60 to 98.60): VN061834.D (-978) (-)



#22

Diisopropyl ether

Concen: 19.236 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Tgt Ion: 45 Resp: 87926

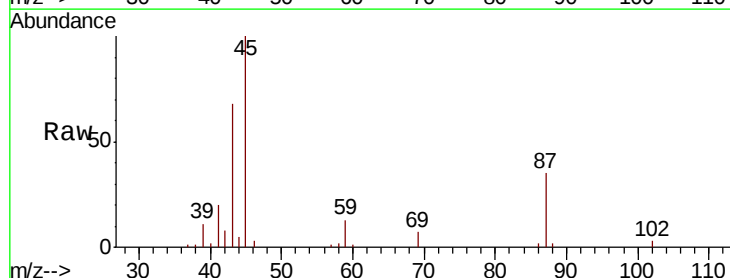
Ion Ratio Lower Upper

45 100

43 64.3 49.4 74.2

87 34.8 27.4 41.0

59 13.0 10.6 15.8

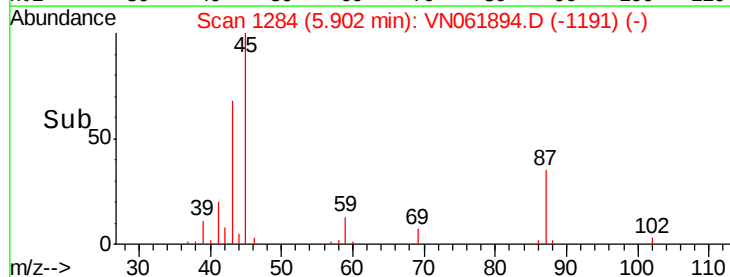
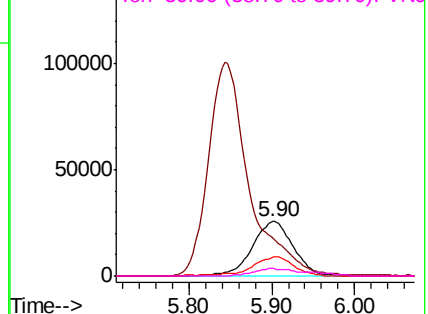


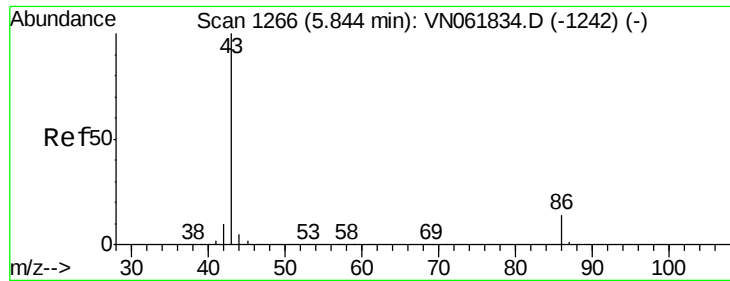
Abundance Ion 45.00 (44.70 to 45.70): VN061834.D (-1249) (-)

Ion 43.00 (42.70 to 43.70): VN061834.D (-1249) (-)

Ion 87.00 (86.70 to 87.70): VN061834.D (-1249) (-)

Ion 59.00 (58.70 to 59.70): VN061834.D (-1249) (-)





#23

Vinyl Acetate

Concen: 95.846 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

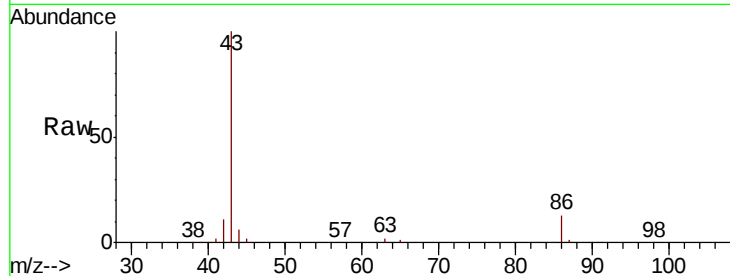
VN0618WBS01

Tot Ion: 43 Resp: 344566

Ion Ratio Lower Upper

43 100

86 13.3 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VN061894.D (-1173) (-)

Ion 86.00 (85.70 to 86.70): VN061894.D (-1173) (-)

5.84

100000

80000

60000

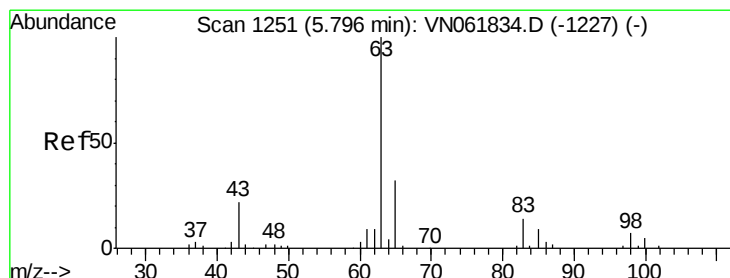
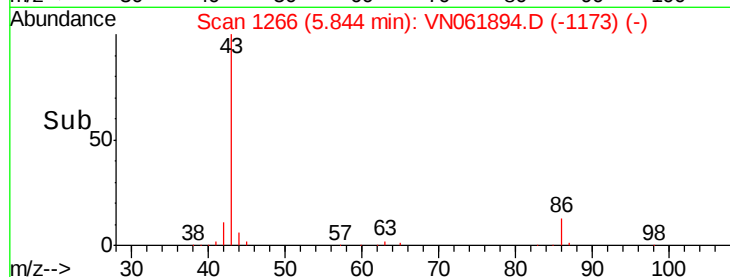
40000

20000

0

5.70 5.80 5.90 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 19.607 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

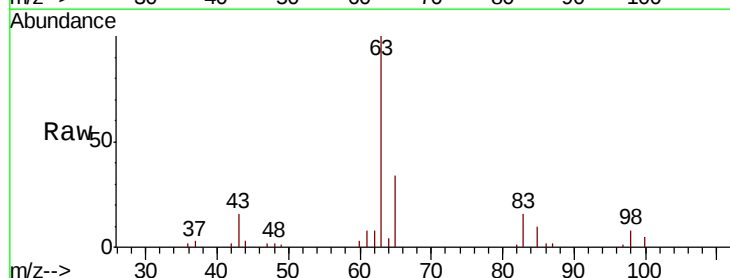
Tgt Ion: 63 Resp: 58666

Ion Ratio Lower Upper

63 100

98 7.9 3.5 10.4

100 5.2 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VN061894.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN061894.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN061894.D (-1158) (-)

5.80

25000

20000

15000

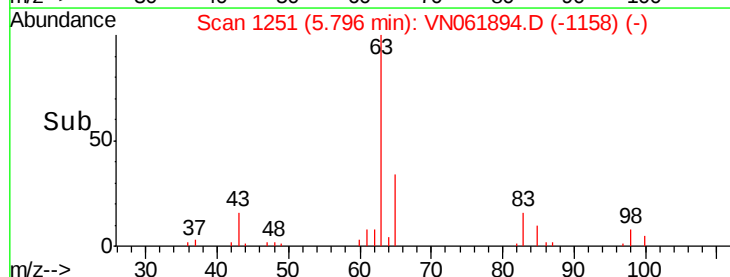
10000

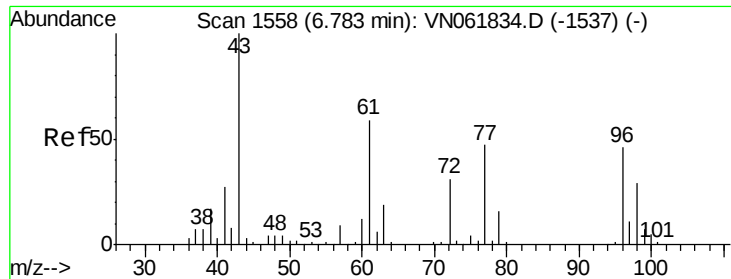
5000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 98.163 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

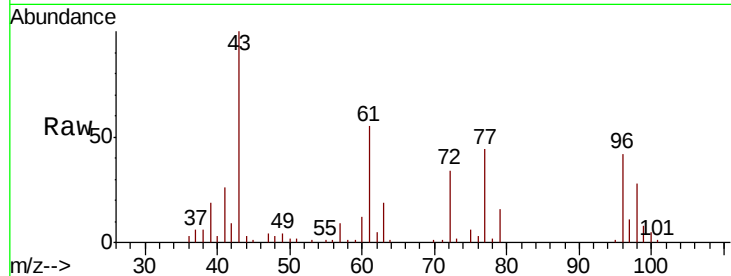
VN0618WBS01

Tot Ion: 43 Resp: 84087

Ion Ratio Lower Upper

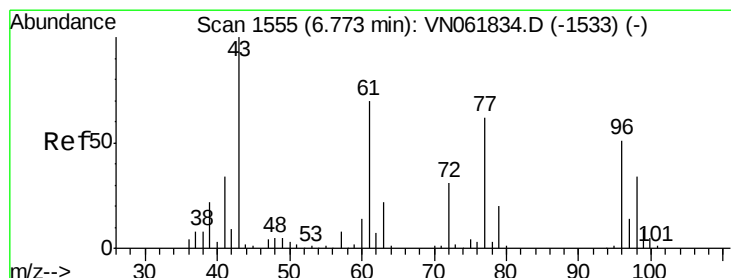
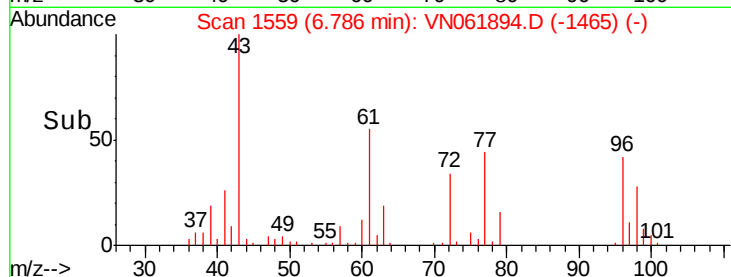
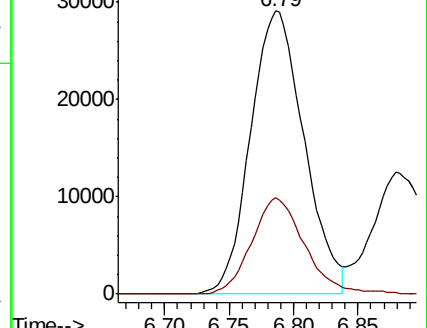
43 100

72 33.9 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1537) (-)

Ion 72.00 (71.70 to 72.70): VN061834.D (-1537) (-)



#26

2,2-Dichloropropane

Concen: 19.775 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.00 min

Lab File: VN061894.D

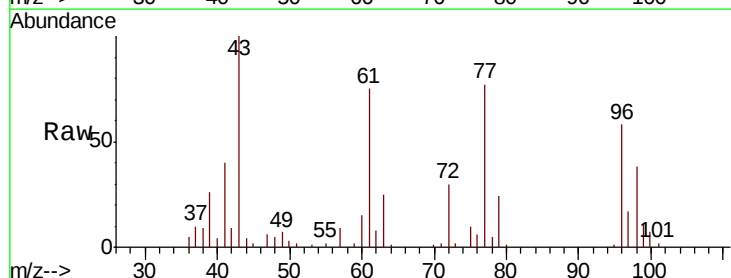
Acq: 18 Jun 2020 12:50

Tgt Ion: 77 Resp: 49781

Ion Ratio Lower Upper

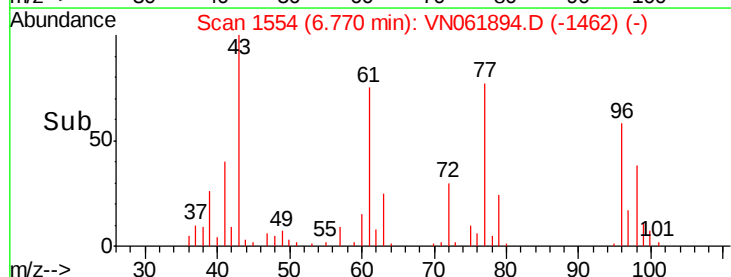
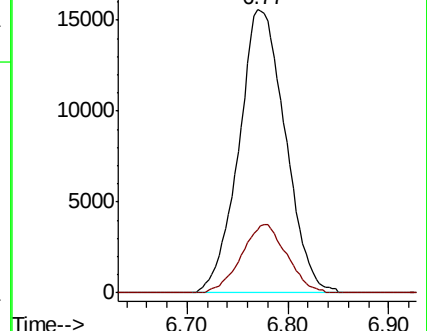
77 100

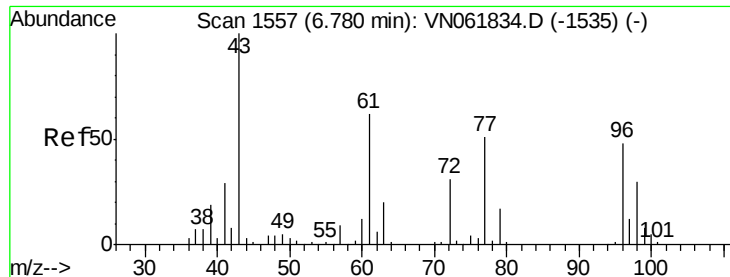
97 23.6 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VN061834.D (-1533) (-)

Ion 96.90 (96.60 to 97.60): VN061834.D (-1533) (-)





#27

cis-1,2-Dichloroethene

Concen: 19.287 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

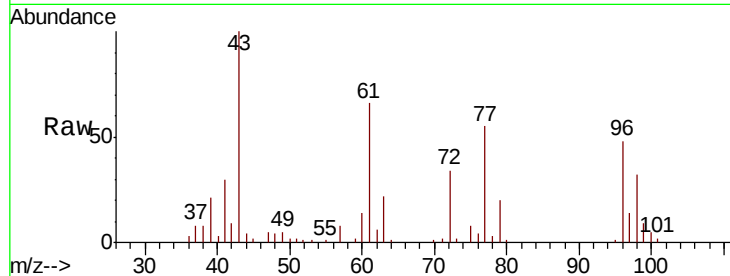
Tot Ion: 96 Resp: 38492

Ion Ratio Lower Upper

96 100

61 133.6 0.0 265.6

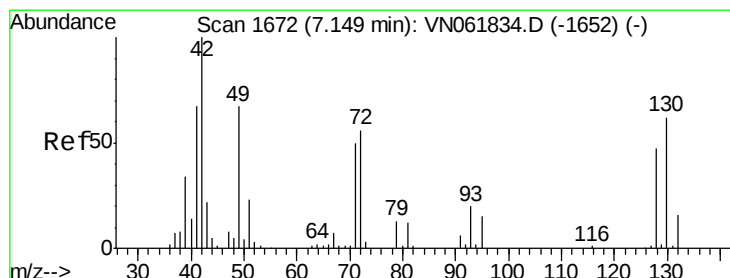
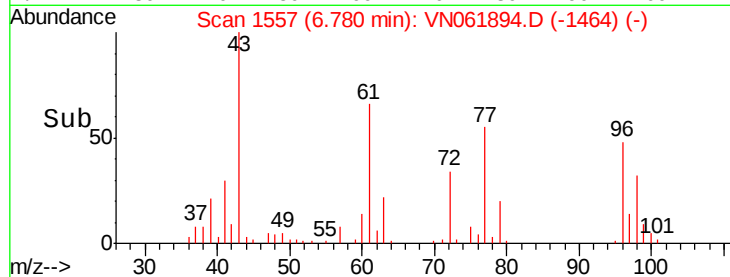
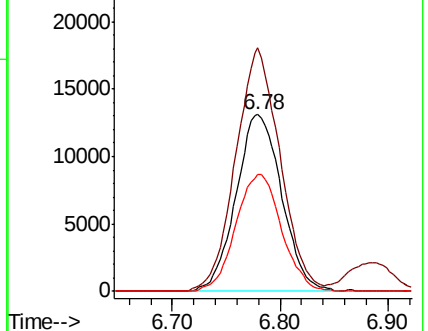
98 66.1 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VN061834.D (-1535) (-)

Ion 60.90 (60.60 to 61.60): VN061834.D (-1535) (-)

Ion 97.90 (97.60 to 98.60): VN061834.D (-1535) (-)



#28

Bromochloromethane

Concen: 19.387 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

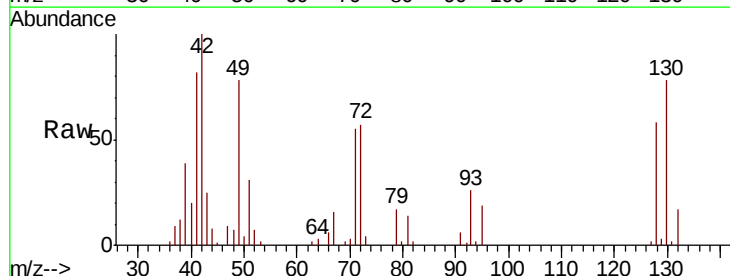
Tgt Ion: 49 Resp: 25828

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

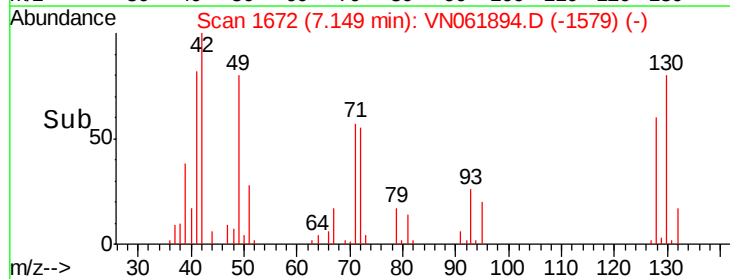
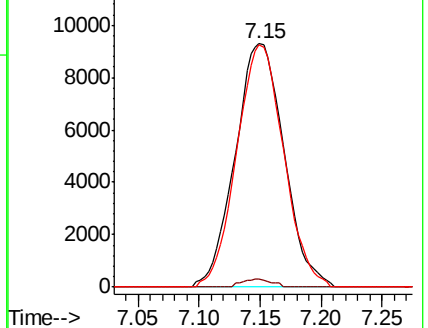
130 95.5 72.2 108.2

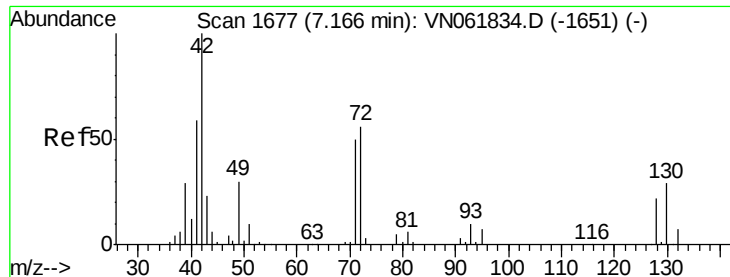


Abundance Ion 48.90 (48.60 to 49.60): VN061834.D (-1652) (-)

Ion 128.80 (128.50 to 129.50): VN061834.D (-1652) (-)

Ion 129.80 (129.50 to 130.50): VN061834.D (-1652) (-)

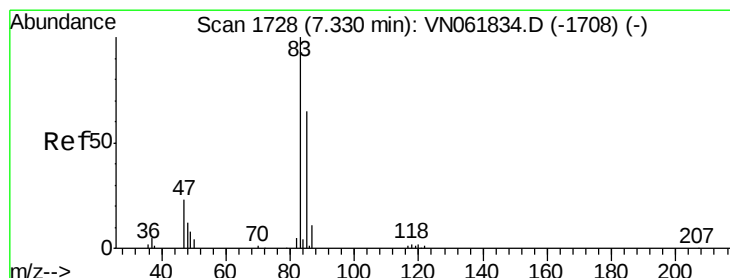
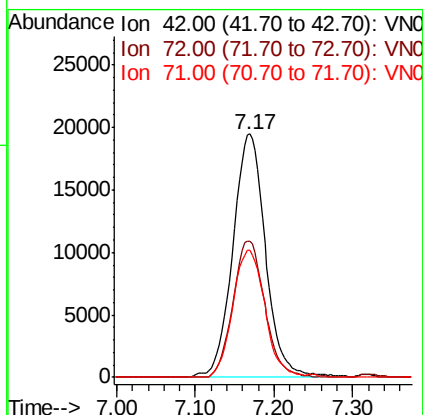
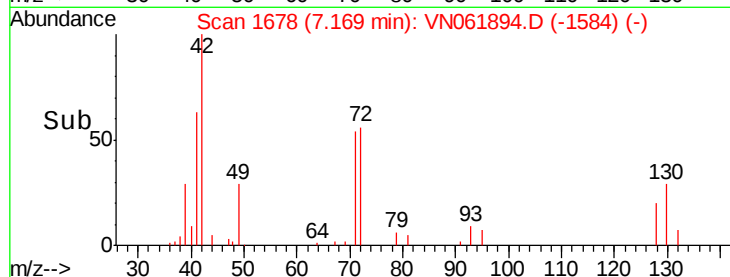
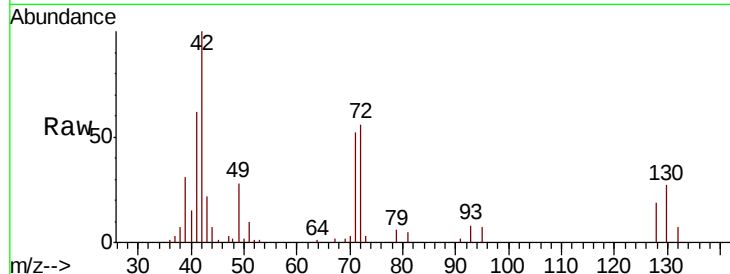




#29
Tetrahydrofuran
Concen: 100.328 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

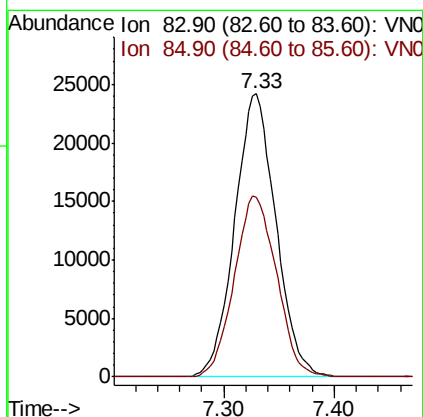
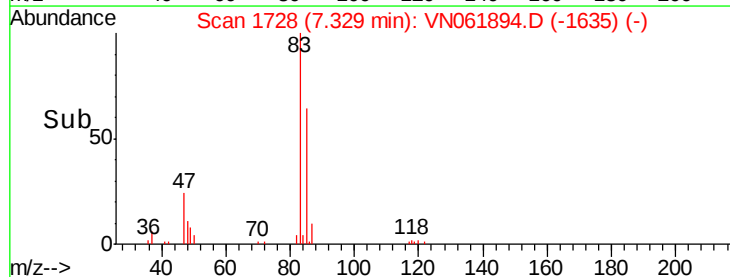
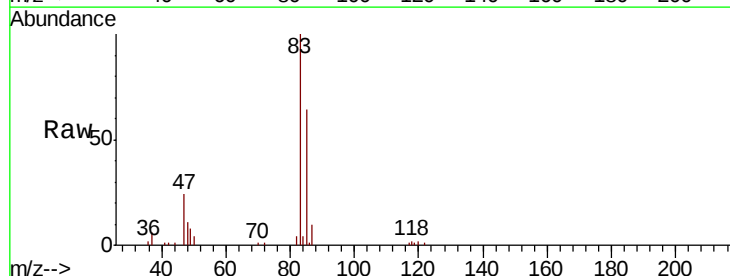
Instrument :
MSVOA_N
ClientSampled :
VN0618WBS01

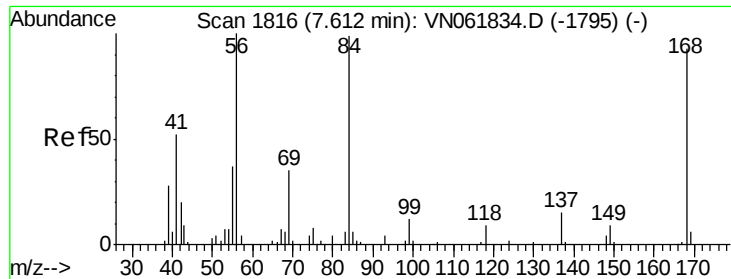
Tot Ion	Ratio	Lower	Upper
42	100		
72	54.3	44.0	66.0
71	51.4	40.0	60.0



#30
Chloroform
Concen: 19.546 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.0	78.0

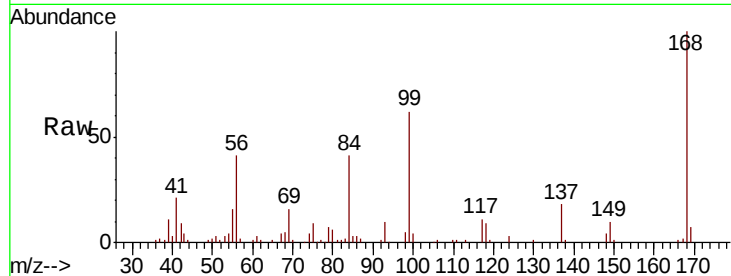




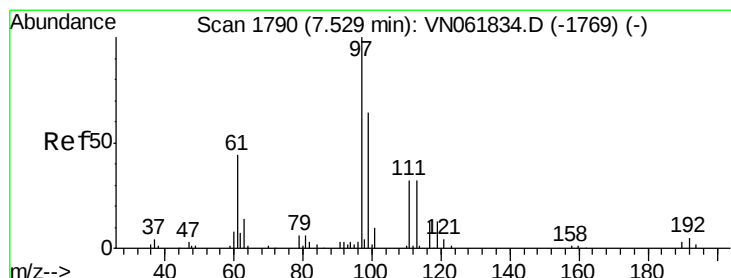
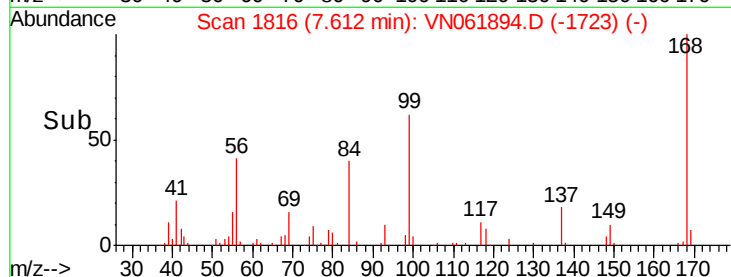
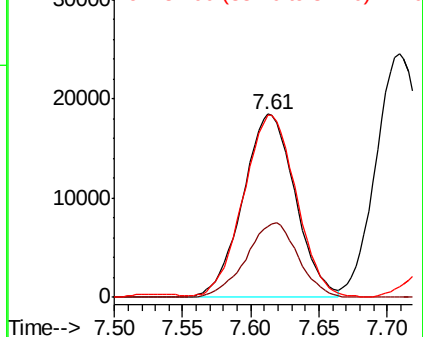
#31
Cyclohexane
Concen: 18.810 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

Tot Ion: 56 Resp: 49271
Ion Ratio Lower Upper
56 100
69 38.9 27.7 41.5
84 98.2 79.1 118.7

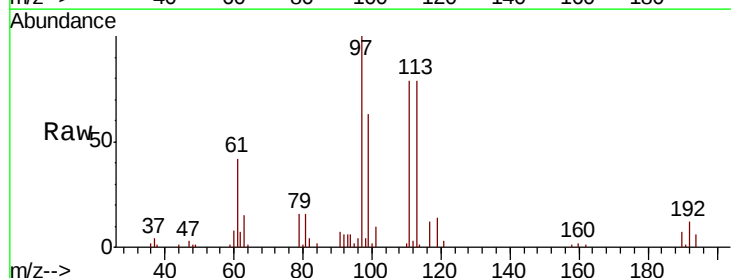


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

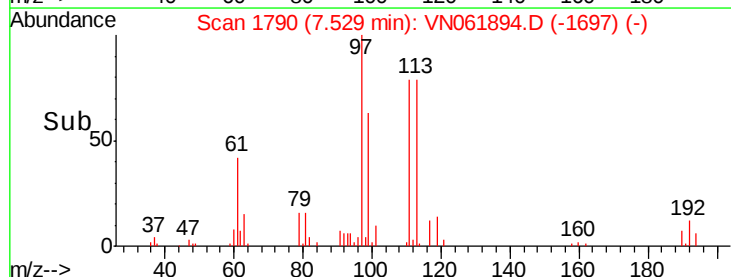
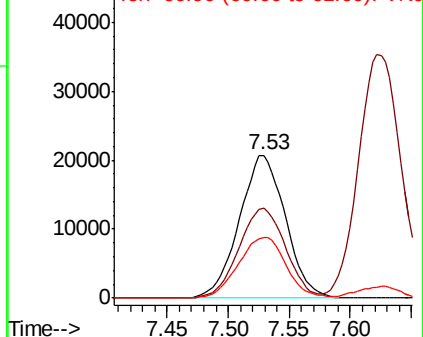


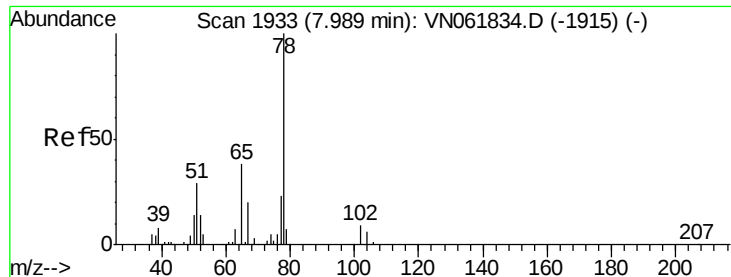
#32
1,1,1-Trichloroethane
Concen: 19.882 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tgt Ion: 97 Resp: 54146
Ion Ratio Lower Upper
97 100
99 63.8 51.5 77.3
61 44.2 35.1 52.7



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

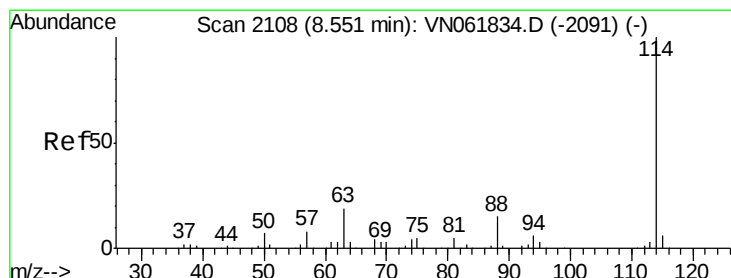
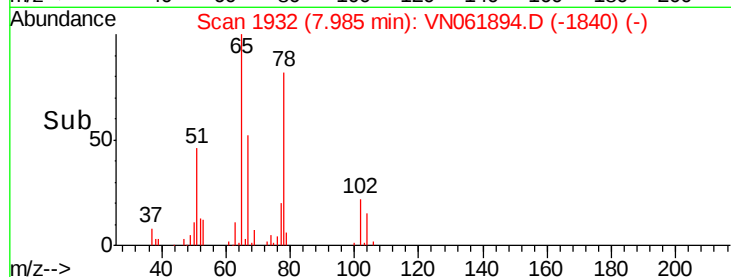
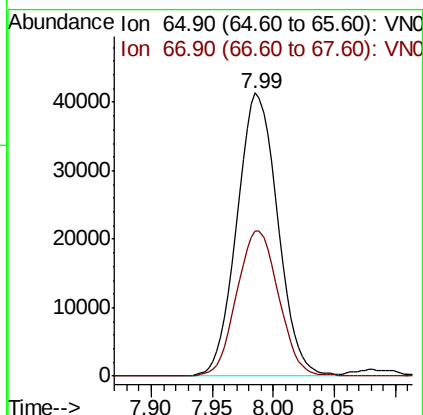
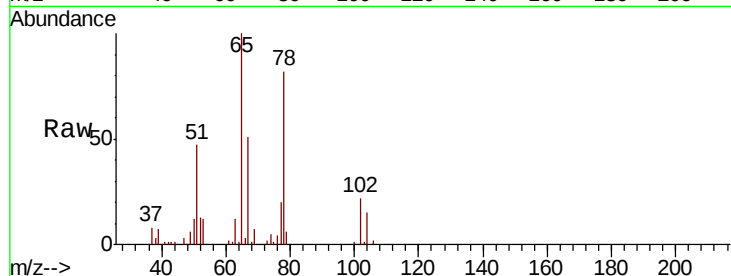




#33
 1,2-Dichloroethane-d4
 Concen: 48.257 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061894.D
 Acq: 18 Jun 2020 12:50

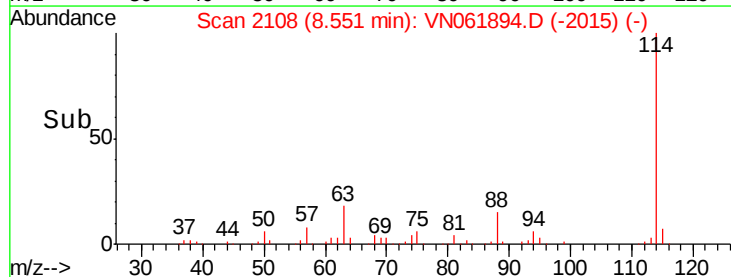
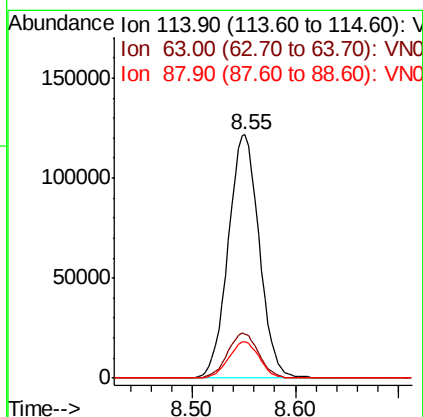
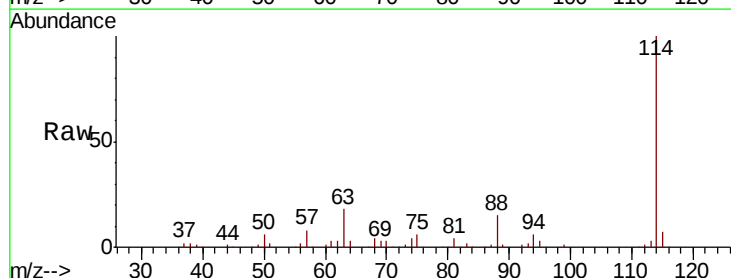
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBS01

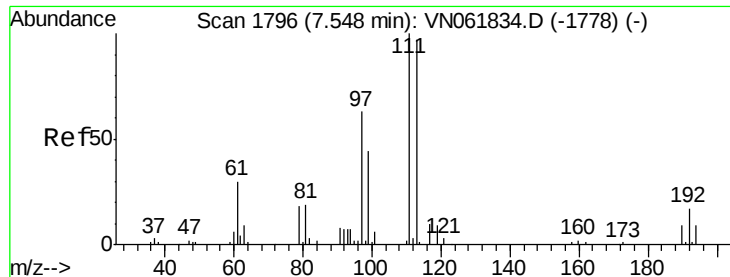
Tot Ion: 65 Resp: 95918
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061894.D
 Acq: 18 Jun 2020 12:50

Tgt Ion: 114 Resp: 255152
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 37.6
 88 15.2 0.0 31.0

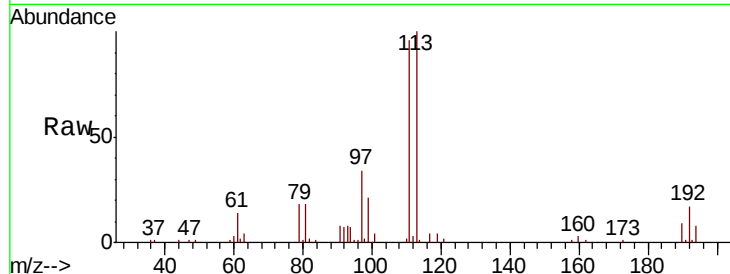




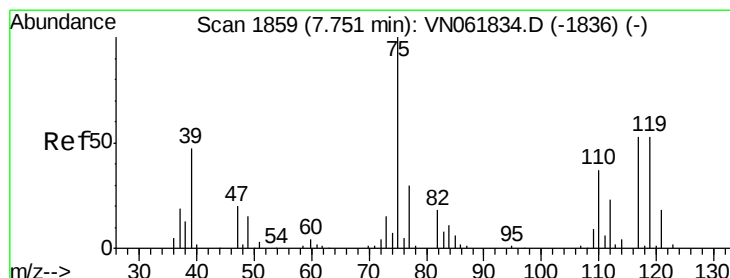
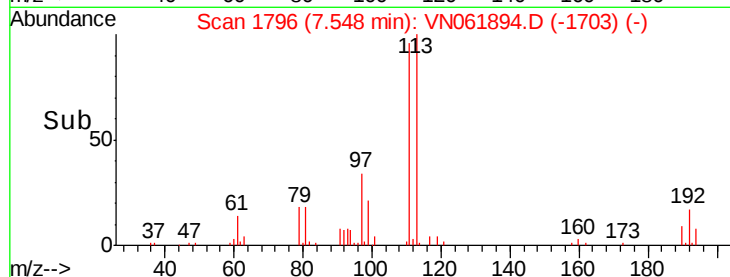
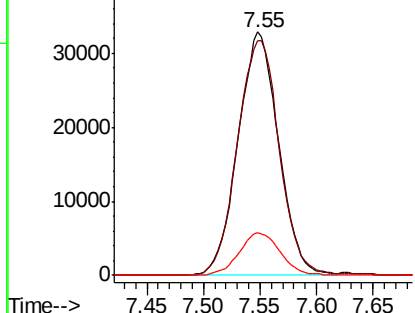
#35
 Dibromofluoromethane
 Concen: 50.195 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061894.D
 Acq: 18 Jun 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBS01

Tot Ion:113 Resp: 81935
 Ion Ratio Lower Upper
 113 100
 111 99.7 83.7 125.5
 192 17.8 13.9 20.9

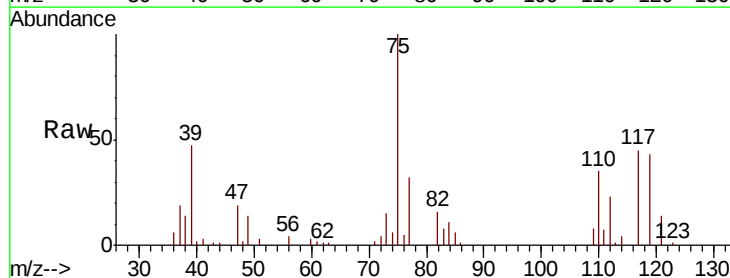


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

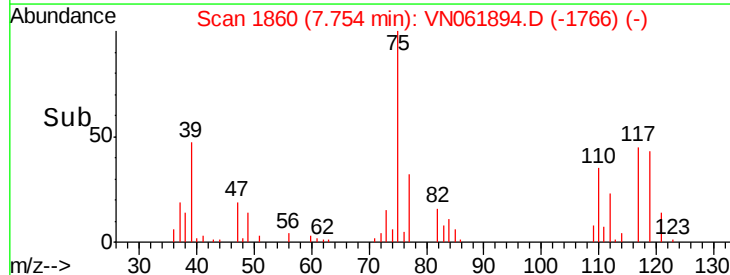
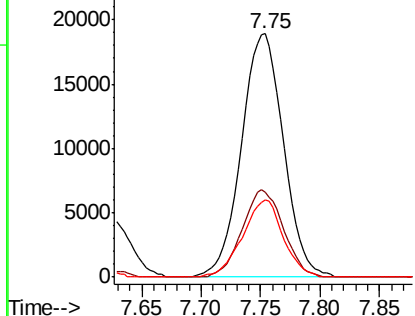


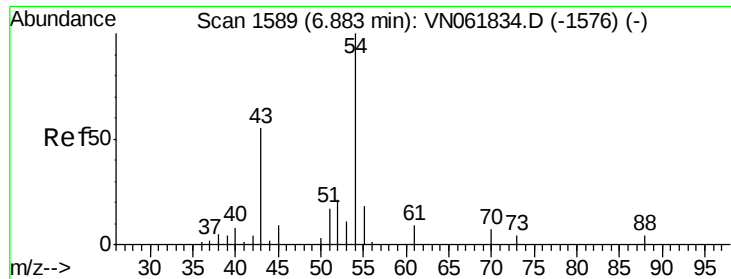
#36
 1,1-Dichloropropene
 Concen: 19.898 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN061894.D
 Acq: 18 Jun 2020 12:50

Tgt Ion: 75 Resp: 46308
 Ion Ratio Lower Upper
 75 100
 110 35.0 18.2 54.6
 77 30.6 24.2 36.4



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

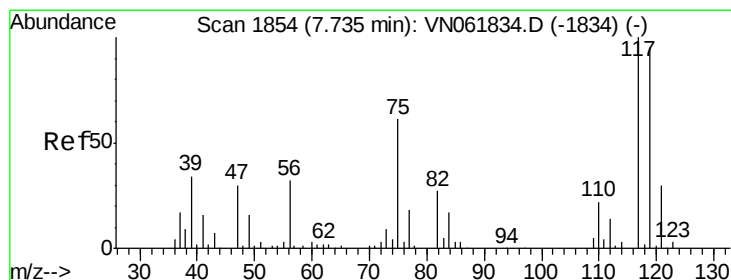
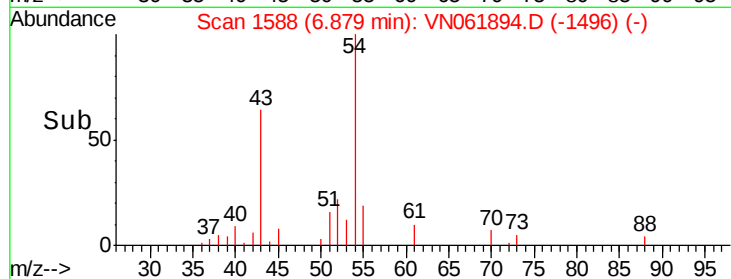
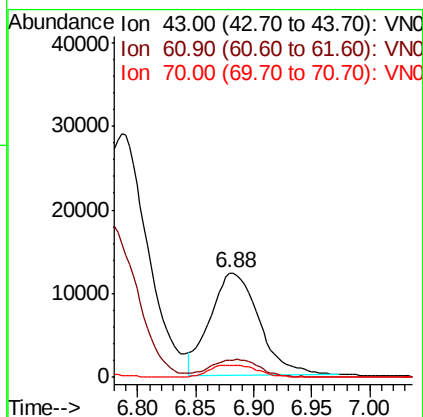
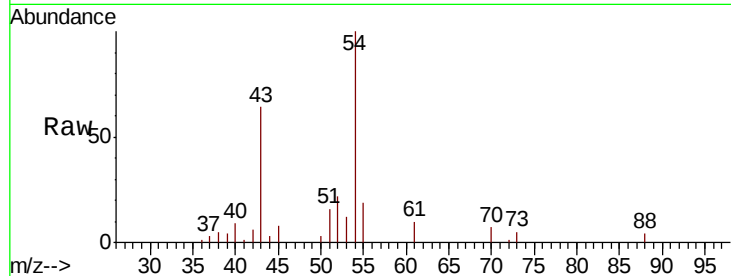




#37
Ethyl Acetate
Concen: 19.898 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

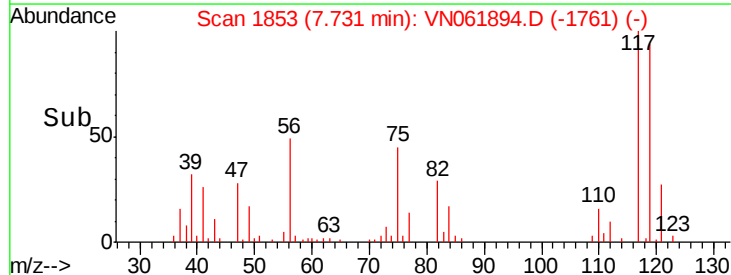
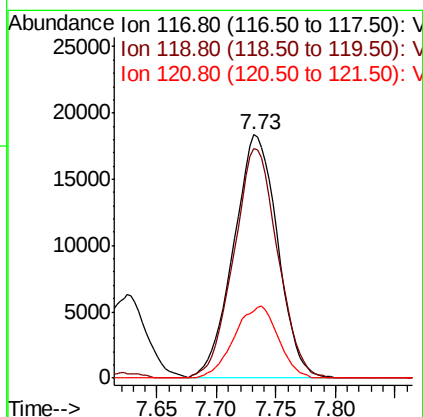
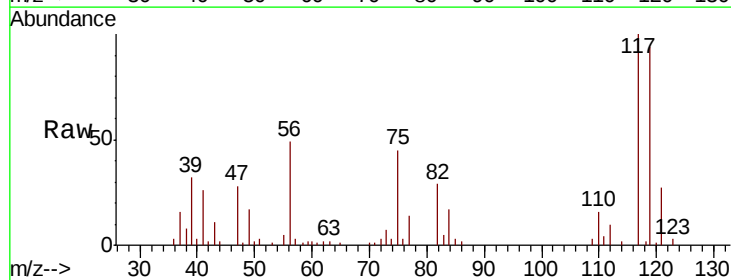
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

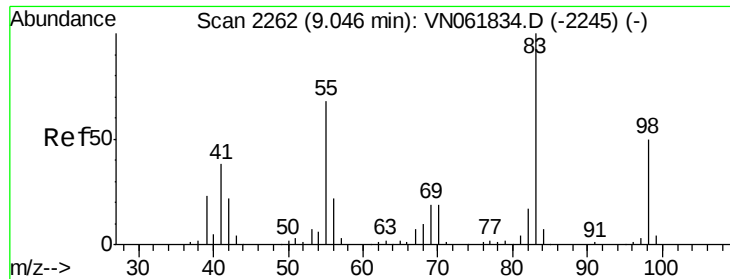
Tot Ion: 43 Resp: 36162
Ion Ratio Lower Upper
43 100
61 17.5 13.0 19.4
70 11.8 9.4 14.2



#38
Carbon Tetrachloride
Concen: 20.427 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tgt Ion: 117 Resp: 47078
Ion Ratio Lower Upper
117 100
119 94.1 75.8 113.6
121 27.5 23.8 35.6

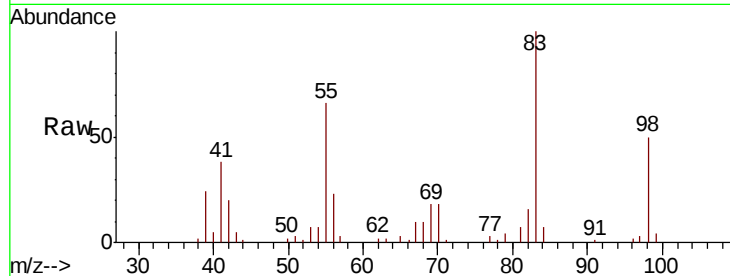




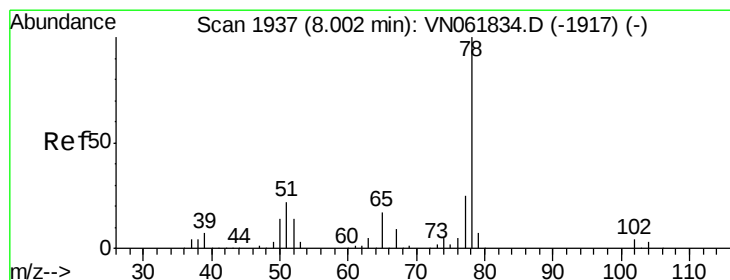
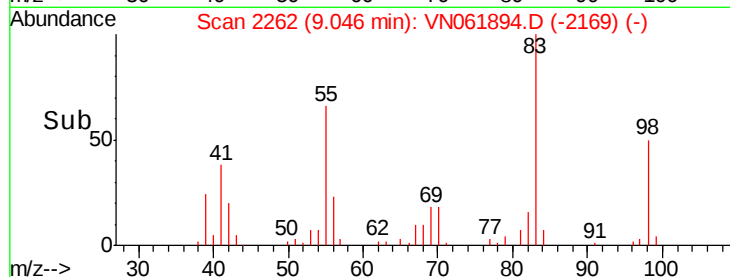
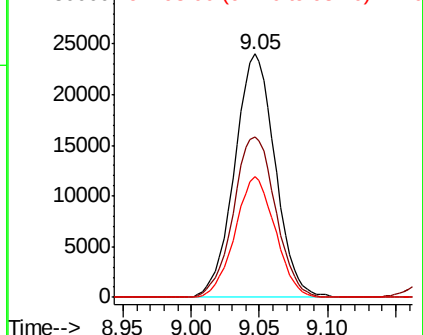
#39
Methvlcvclohexane
Concen: 19.754 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

Tot Ion: 83 Resp: 49504
Ion Ratio Lower Upper
83 100
55 66.0 54.2 81.4
98 49.5 39.8 59.6

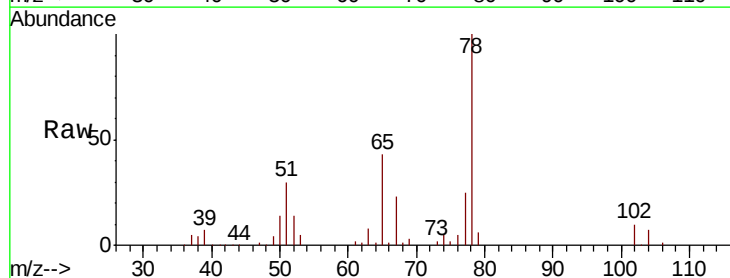


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

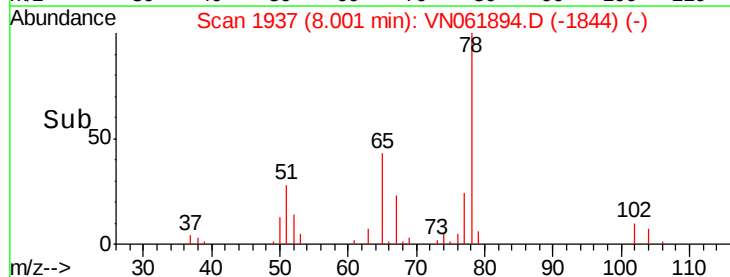
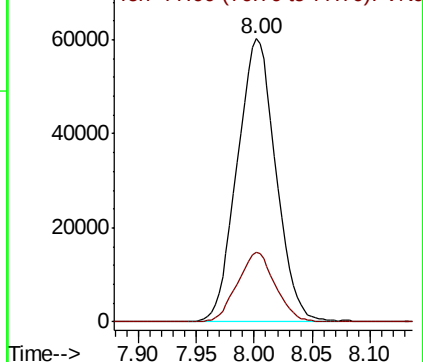


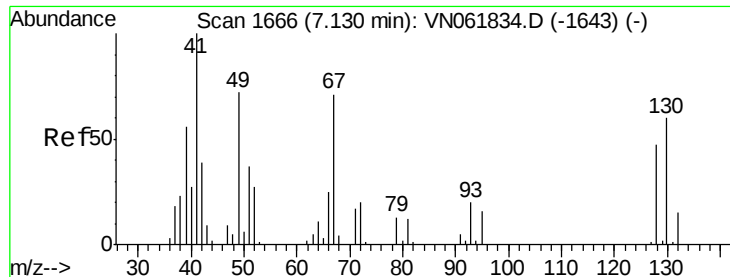
#40
Benzene
Concen: 19.853 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tgt Ion: 78 Resp: 139959
Ion Ratio Lower Upper
78 100
77 24.6 19.7 29.5



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

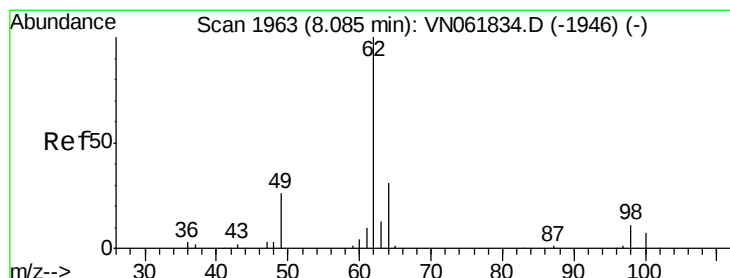
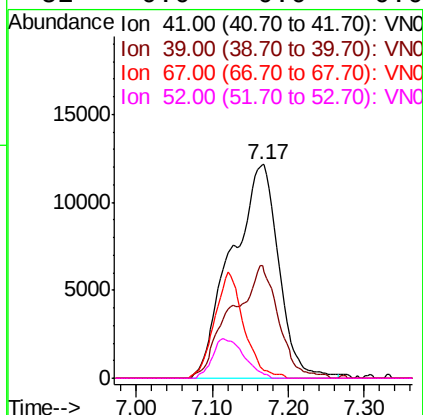
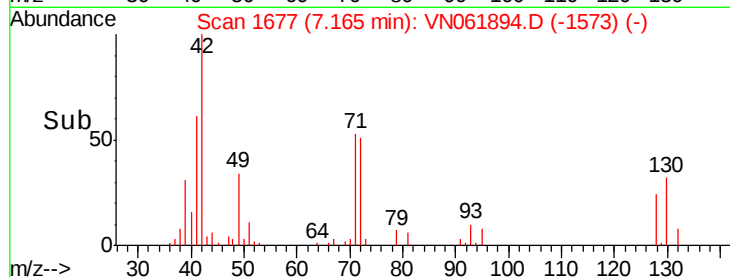
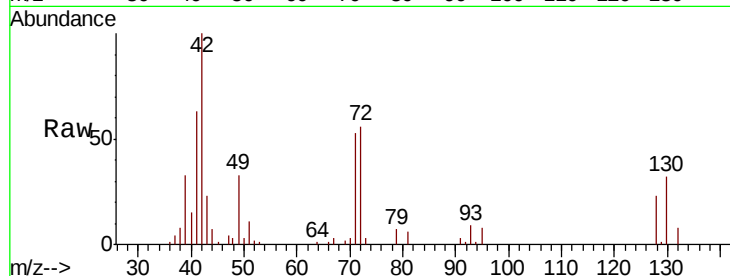




#41
Methacrylonitrile
Concen: 67.483 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

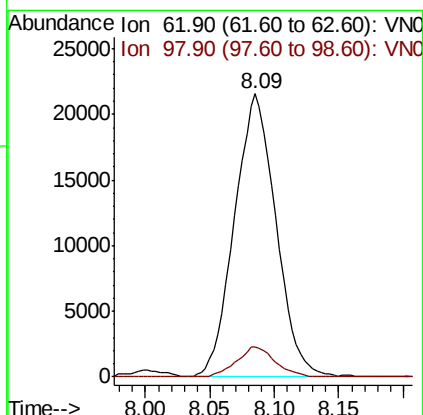
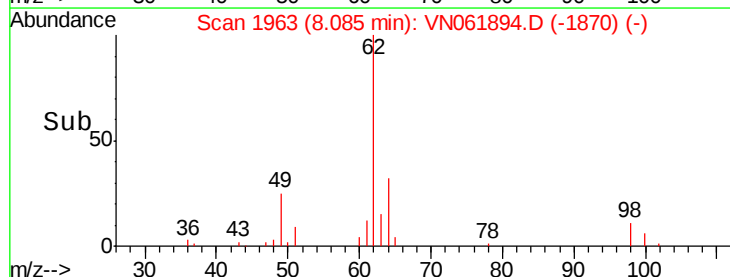
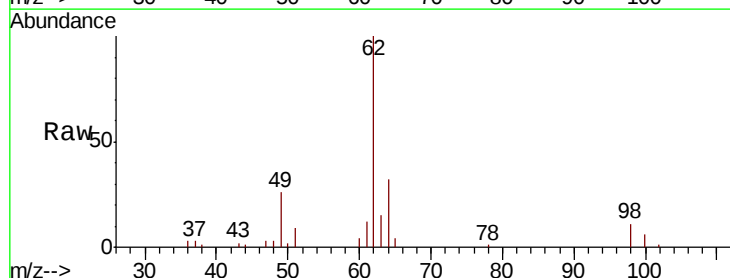
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

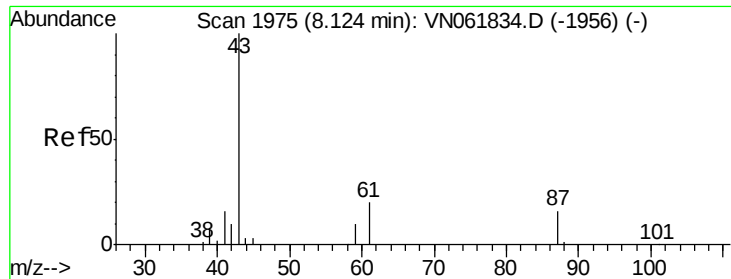
Tot Ion:	41	Resp:	52443
Ion	Ratio	Lower	Upper
41	100		
39	28.8	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.064 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tgt Ion:	62	Resp:	48229
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.4





#43

Isopropyl Acetate

Concen: 19.447 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

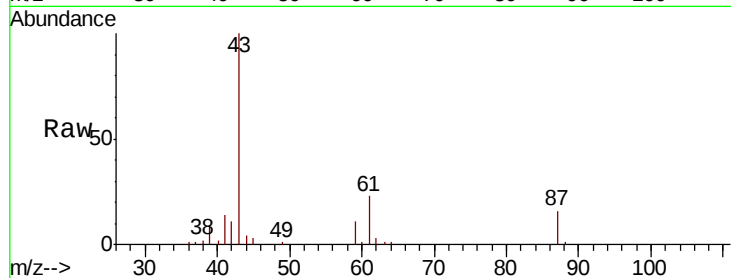
Tot Ion: 43 Resp: 59561

Ion Ratio Lower Upper

43 100

61 22.3 24.0 36.0#

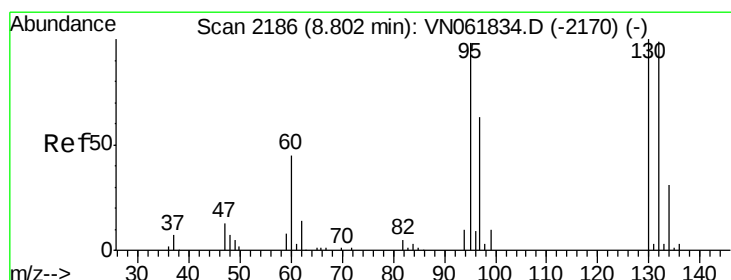
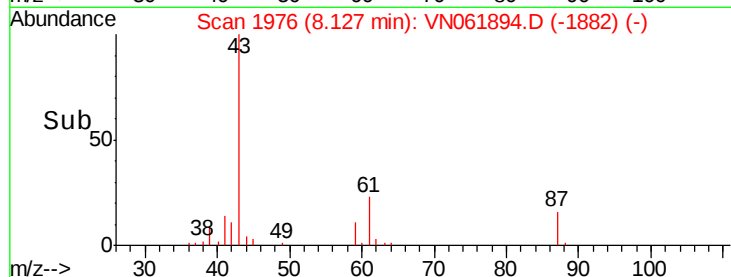
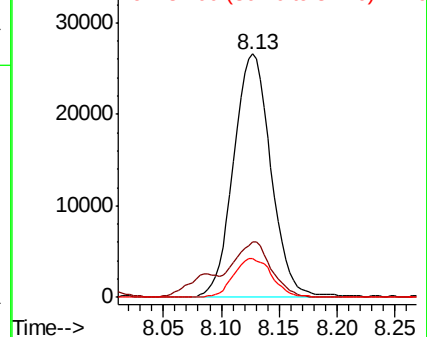
87 16.4 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1956) (-)

Ion 61.00 (60.70 to 61.70): VN061834.D (-1956) (-)

Ion 87.00 (86.70 to 87.70): VN061834.D (-1956) (-)



#44

Trichloroethene

Concen: 20.418 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN061894.D

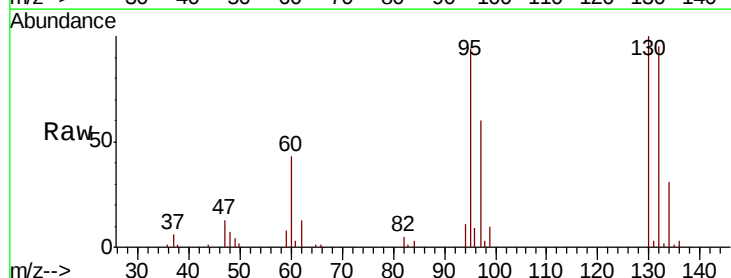
Acq: 18 Jun 2020 12:50

Tgt Ion: 130 Resp: 37883

Ion Ratio Lower Upper

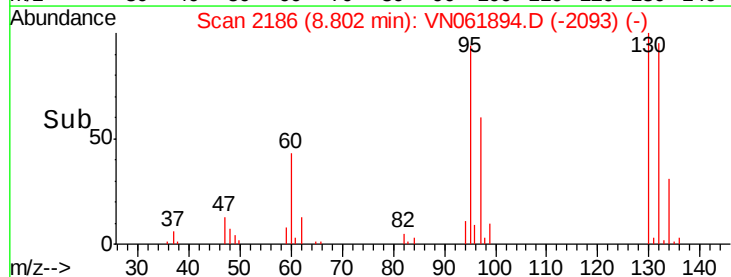
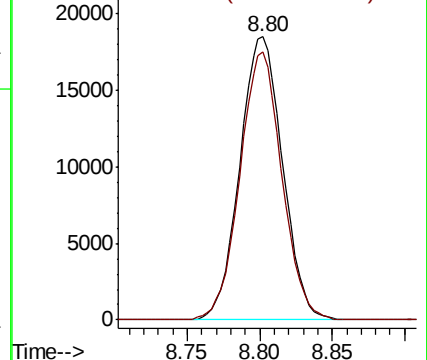
130 100

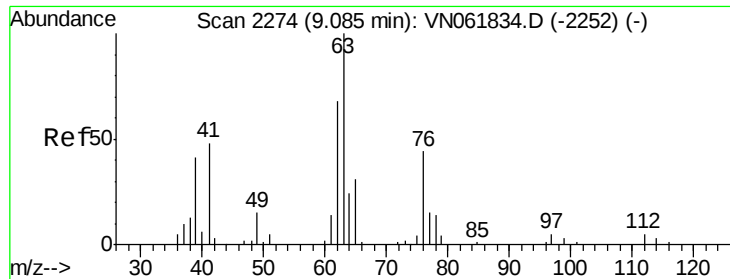
95 94.5 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): VN061834.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN061834.D (-2170) (-)

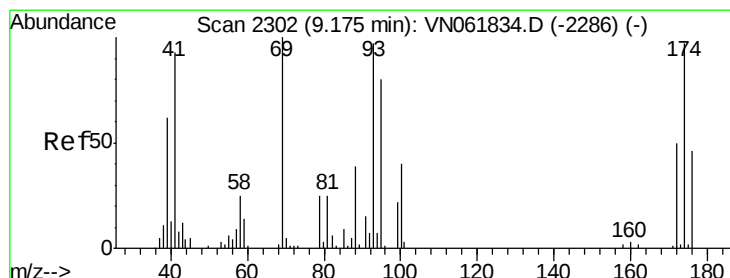
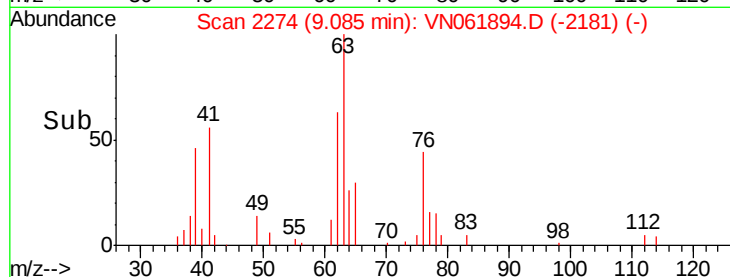
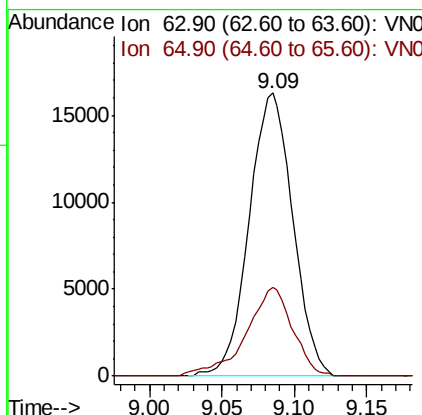
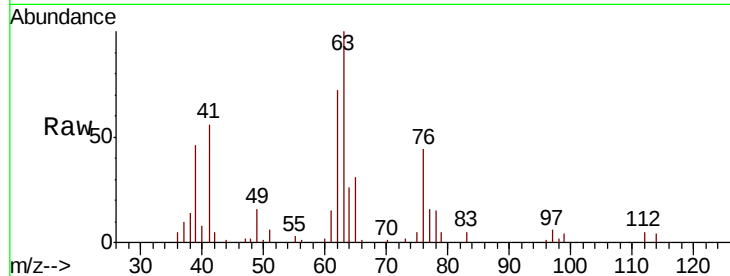




#45
 1,2-Dichloropropane
 Concen: 19.674 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN061894.D
 Acq: 18 Jun 2020 12:50

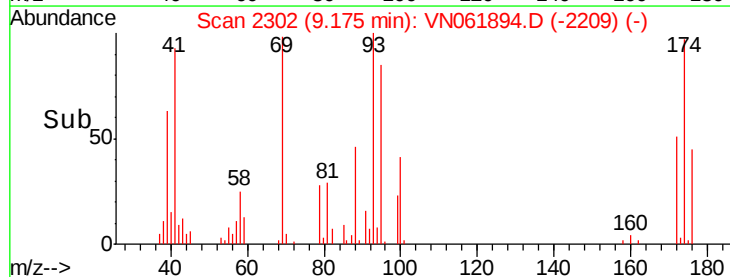
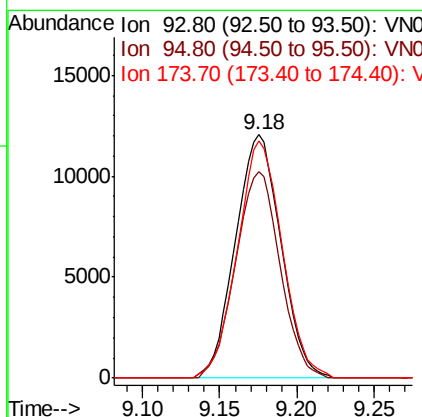
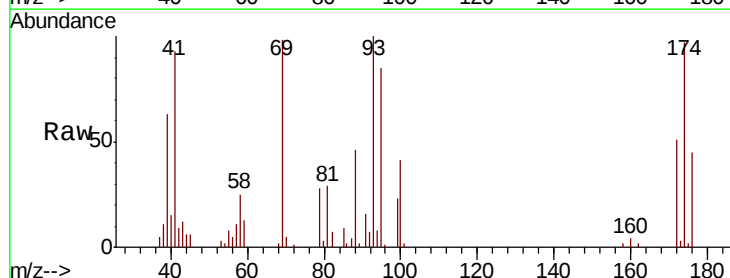
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBS01

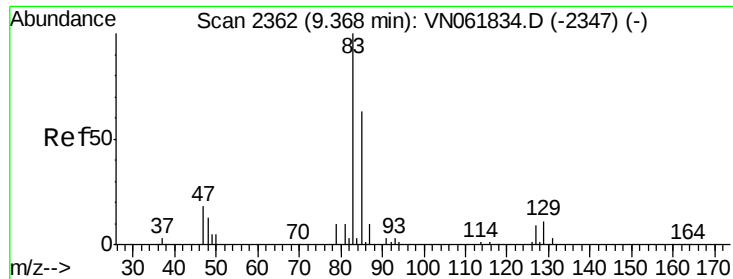
Tot Ion: 63 Resp: 34086
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.1 37.7



#46
 Dibromomethane
 Concen: 20.233 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN061894.D
 Acq: 18 Jun 2020 12:50

Tgt Ion: 93 Resp: 24684
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.8 98.6
 174 95.8 78.5 117.7

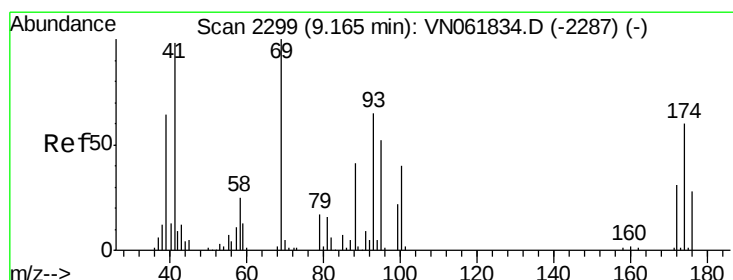
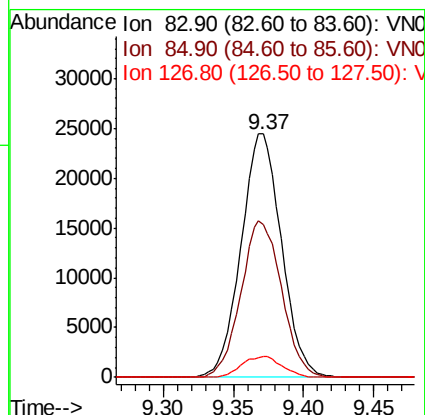
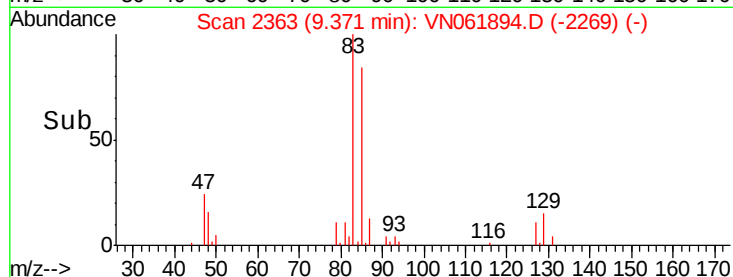
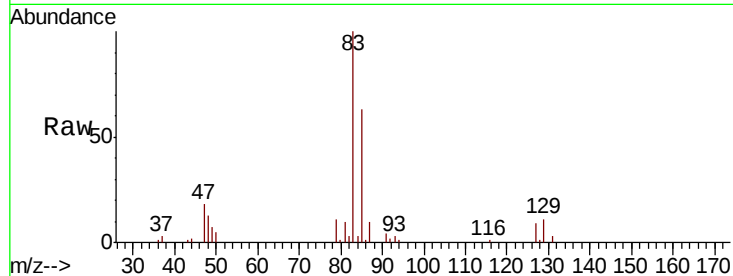




#47
Bromodichloromethane
Concen: 19.625 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

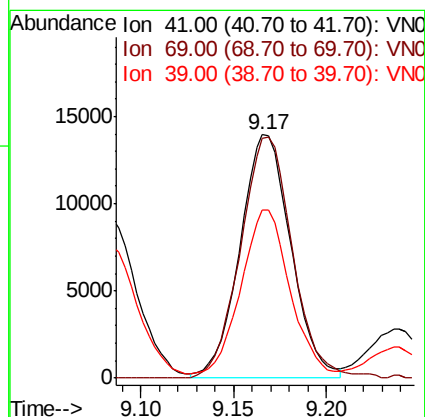
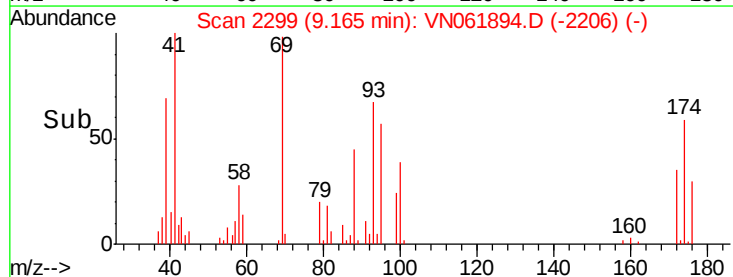
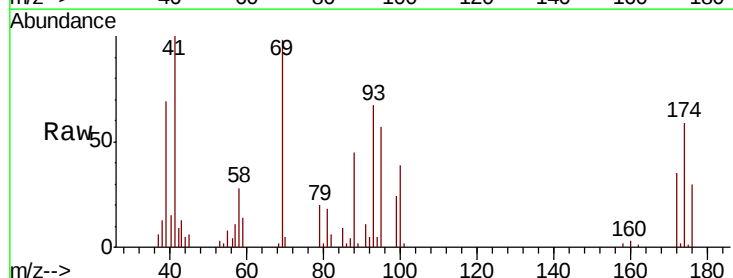
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

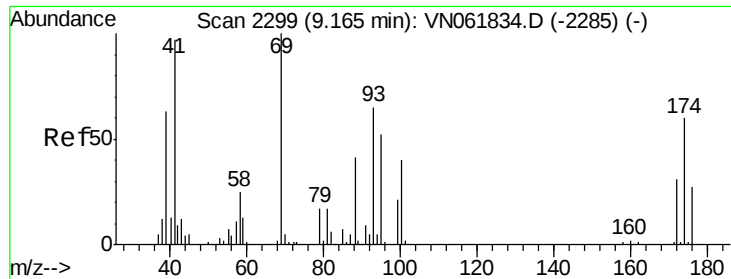
Tot Ion: 83 Resp: 49026
Ion Ratio Lower Upper
83 100
85 62.8 50.8 76.2
127 8.6 7.0 10.4



#48
Methyl methacrylate
Concen: 19.151 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tgt Ion: 41 Resp: 26673
Ion Ratio Lower Upper
41 100
69 100.9 83.0 124.4
39 67.3 55.1 82.7





#49

1,4-Dioxane

Concen: 401.443 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

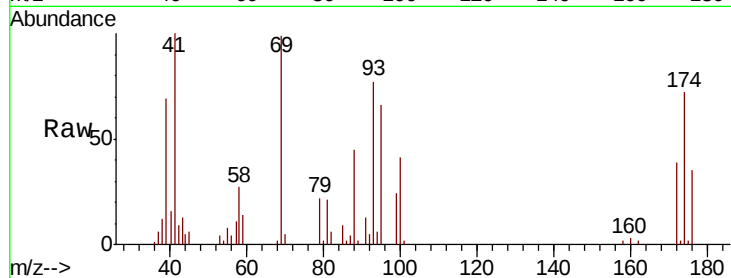
Tot Ion: 88 Resp: 12837

Ion Ratio Lower Upper

88 100

43 30.2 23.4 35.2

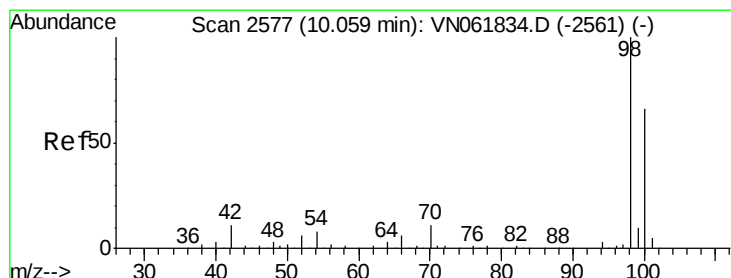
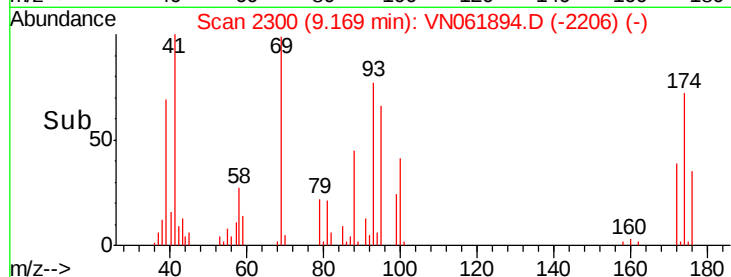
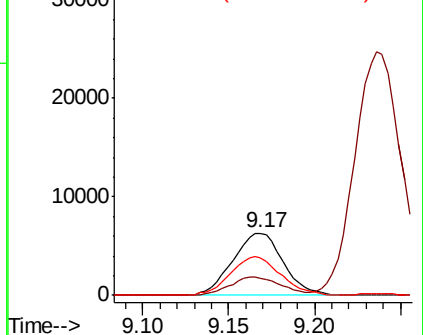
58 61.6 49.8 74.6



Abundance Ion 88.00 (87.70 to 88.70): VN061894.D (-2285) (-)

Ion 43.00 (42.70 to 43.70): VN061894.D (-2285) (-)

Ion 58.00 (57.70 to 58.70): VN061894.D (-2285) (-)



#50

Toluene-d8

Concen: 48.235 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061894.D

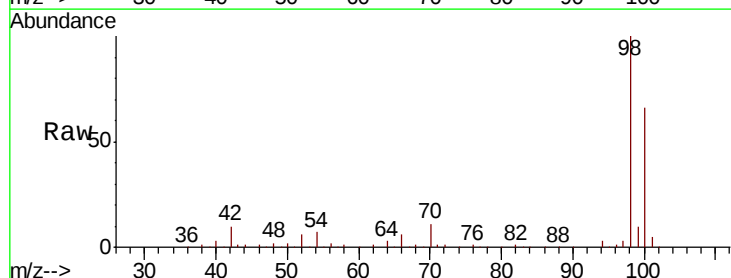
Acq: 18 Jun 2020 12:50

Tgt Ion: 98 Resp: 309538

Ion Ratio Lower Upper

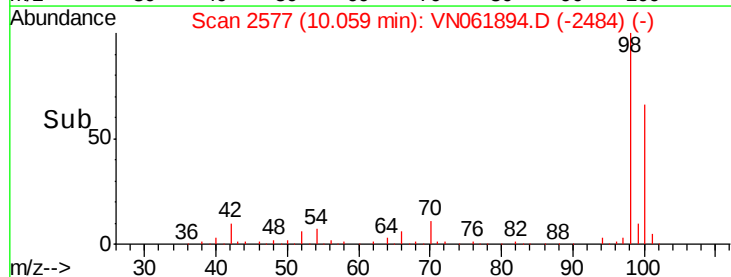
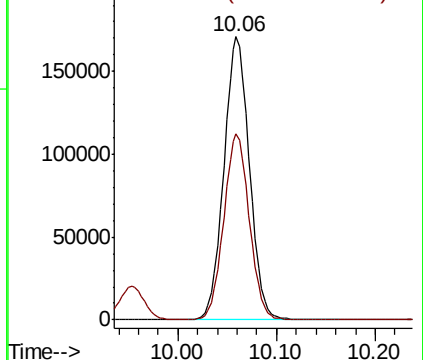
98 100

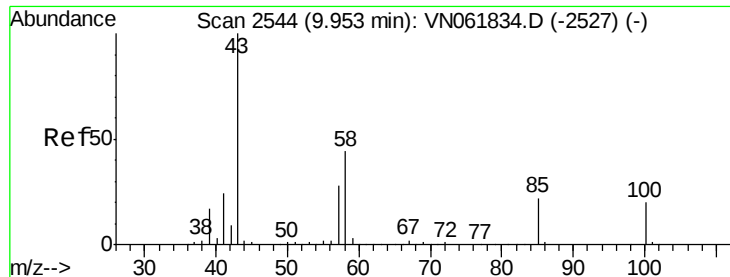
100 66.0 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061894.D (-2484) (-)

Ion 100.00 (99.70 to 100.70): VN061894.D (-2484) (-)





#51

4-Methyl-2-Pentanone

Concen: 99.637 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

ClientSampled :

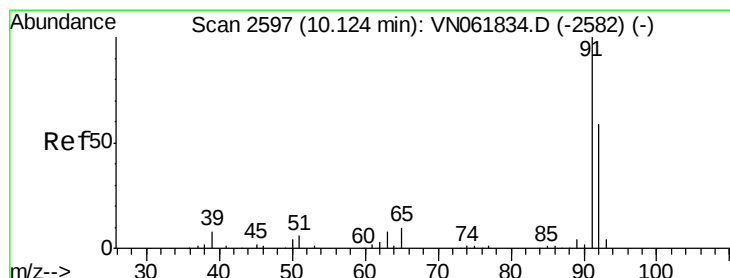
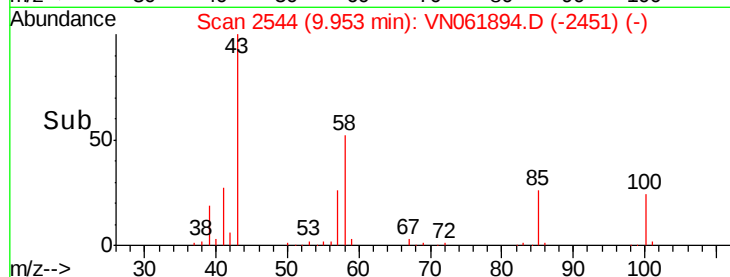
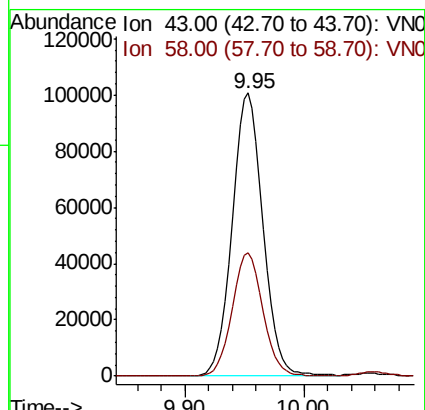
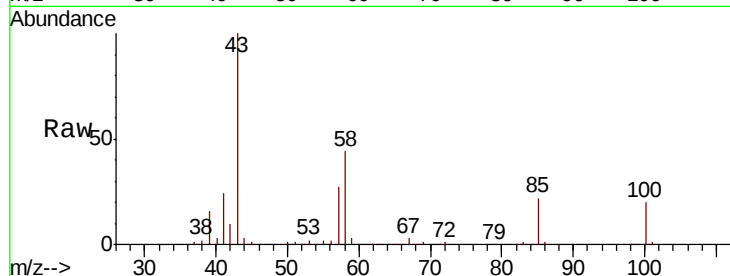
VN0618WBS01

Tot Ion: 43 Resp: 180329

Ion Ratio Lower Upper

43 100

58 43.6 34.6 52.0



#52

Toluene

Concen: 20.438 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061894.D

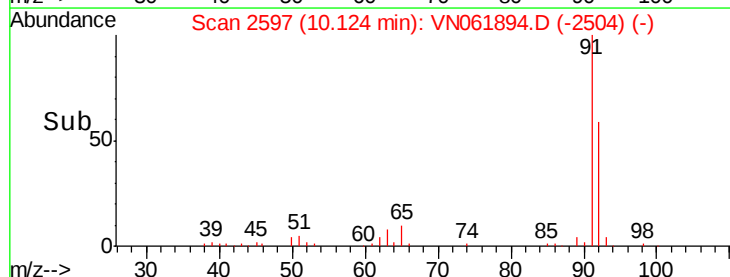
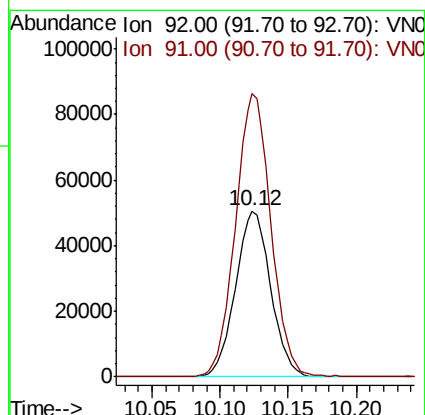
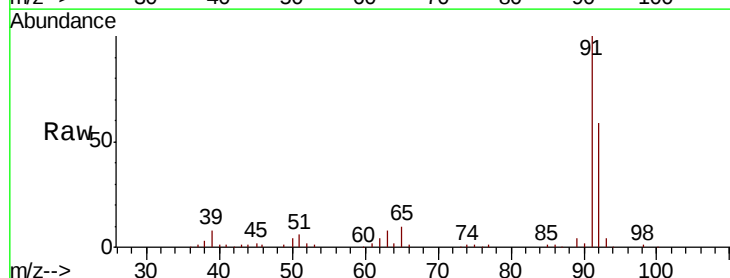
Acq: 18 Jun 2020 12:50

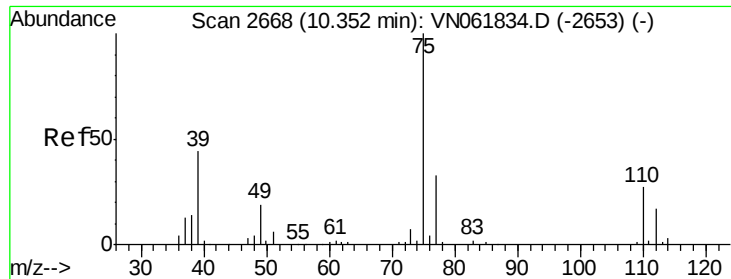
Tgt Ion: 92 Resp: 90491

Ion Ratio Lower Upper

92 100

91 171.6 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 19.481 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

ClientSampled :

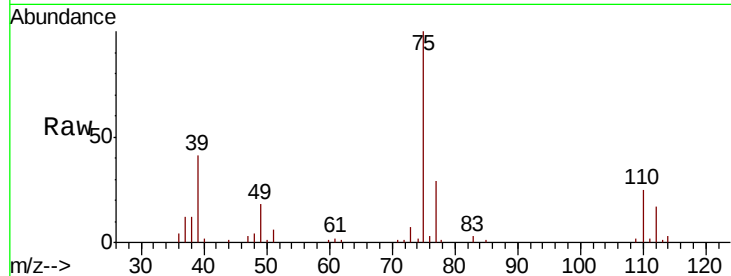
VN0618WBS01

Tot Ion: 75 Resp: 51664

Ion Ratio Lower Upper

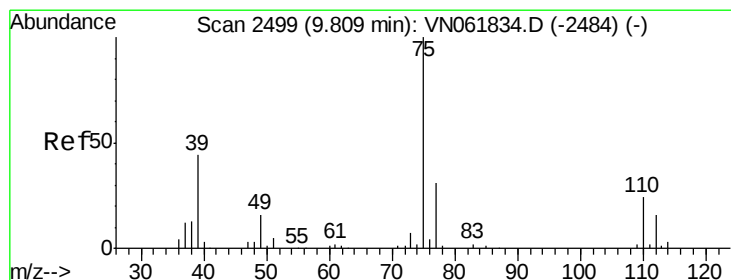
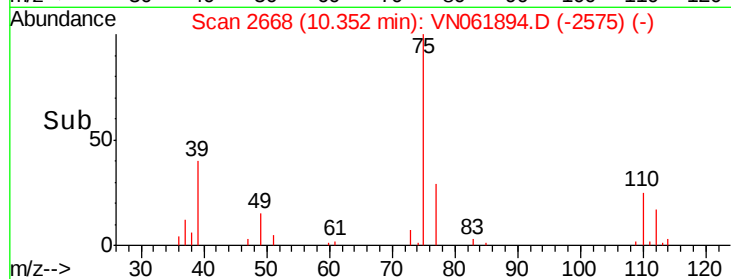
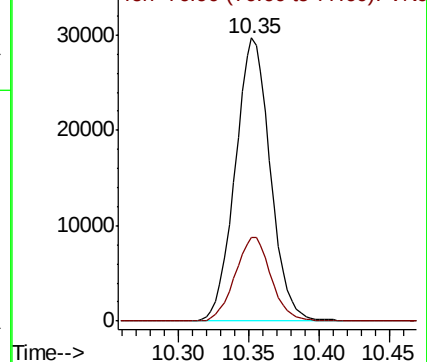
75 100

77 29.4 26.3 39.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.793 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

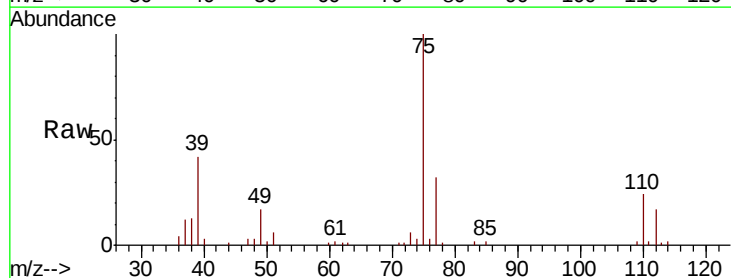
Tgt Ion: 75 Resp: 57012

Ion Ratio Lower Upper

75 100

77 32.2 24.8 37.2

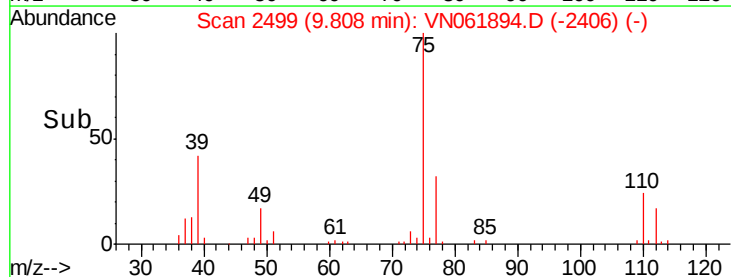
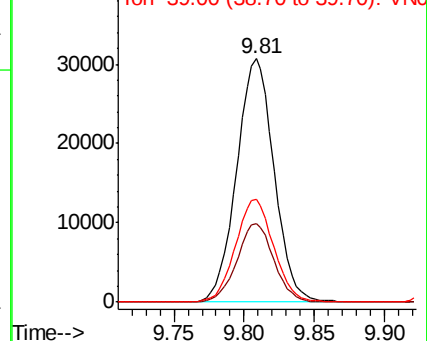
39 42.3 35.4 53.0

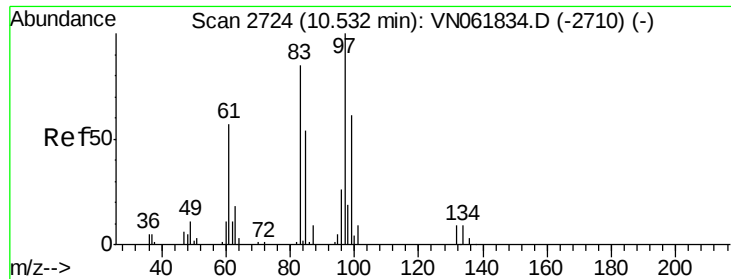


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 20.290 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

Tot Ion: 97 Resp: 35346

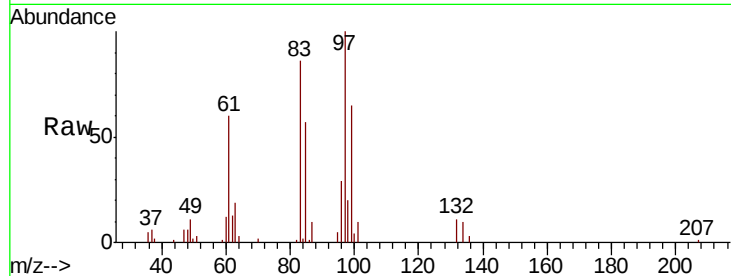
Ion Ratio Lower Upper

97 100

83 86.5 67.7 101.5

85 56.8 43.4 65.0

99 64.7 48.8 73.2



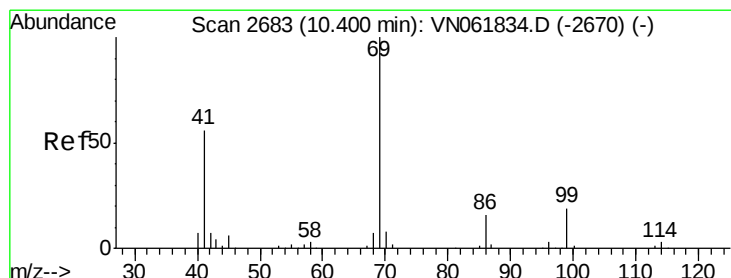
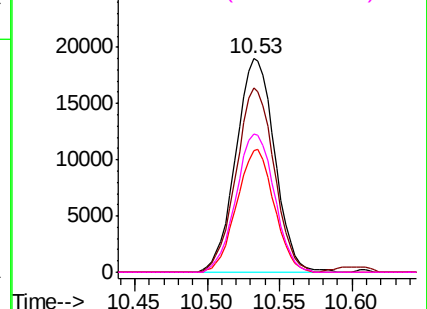
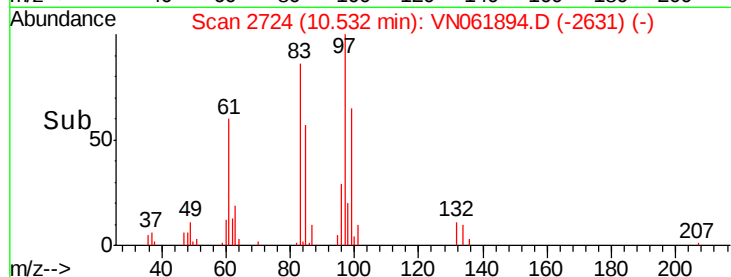
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.844 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

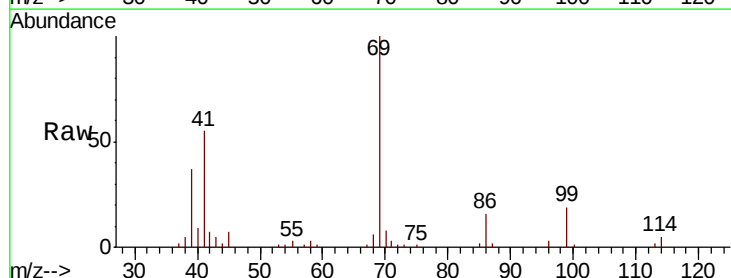
Tgt Ion: 69 Resp: 45033

Ion Ratio Lower Upper

69 100

41 55.8 44.9 67.3

39 37.6 30.0 45.0

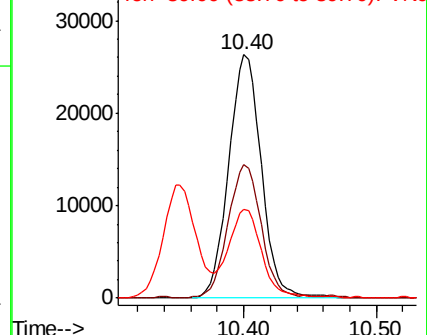
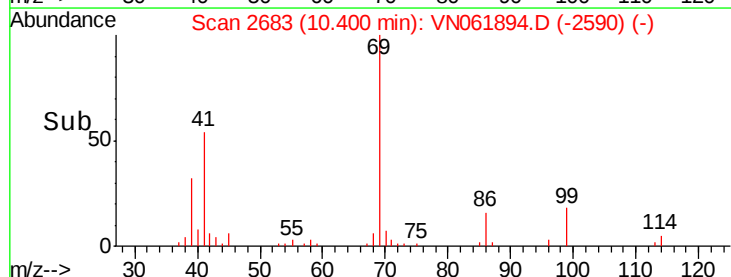


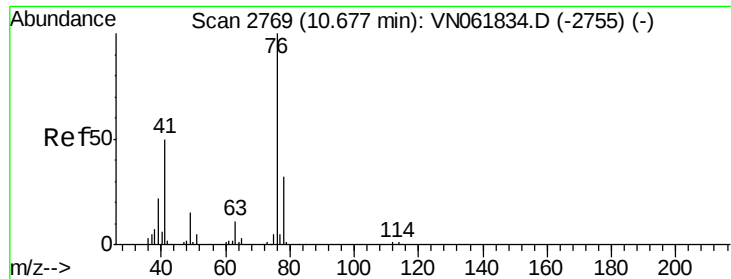
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.930 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

ClientSampled :

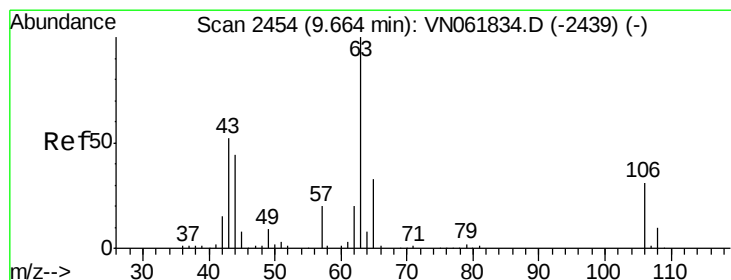
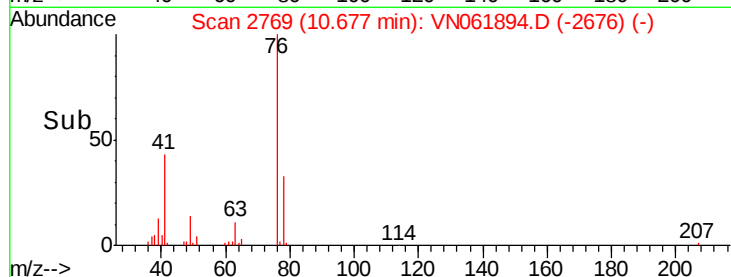
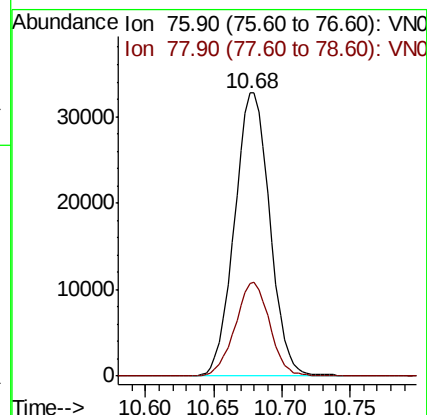
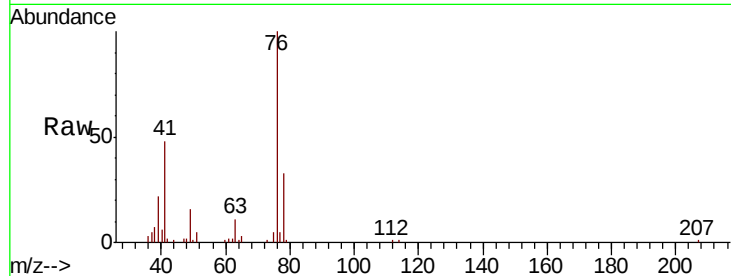
VN0618WBS01

Tot Ion: 76 Resp: 58818

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 86.861 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN061894.D

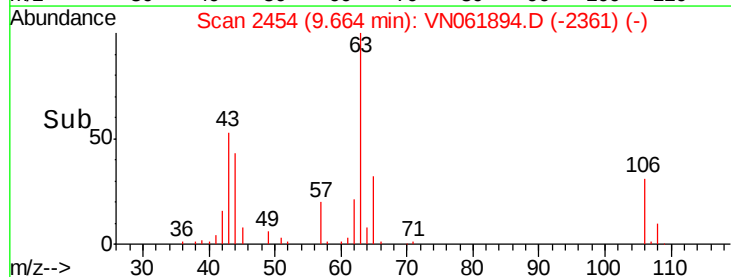
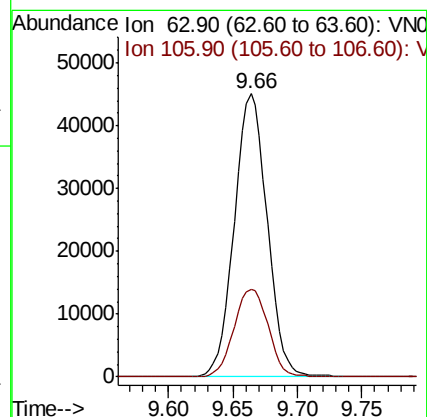
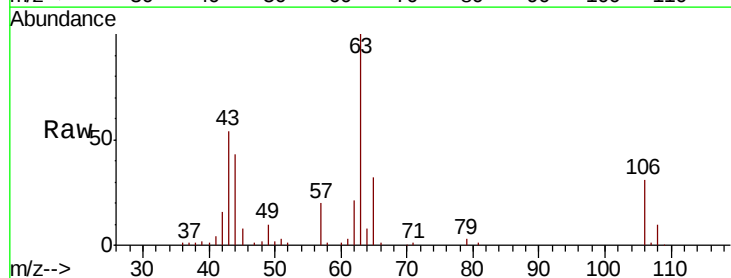
Acq: 18 Jun 2020 12:50

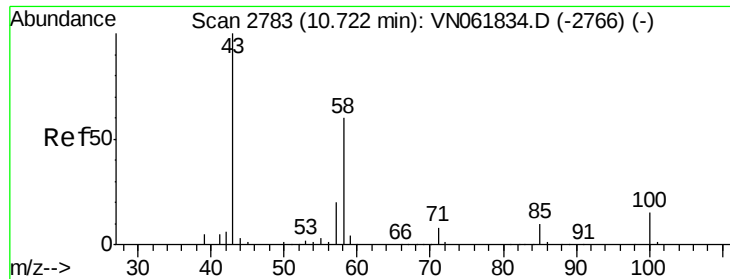
Tgt Ion: 63 Resp: 79857

Ion Ratio Lower Upper

63 100

106 32.2 24.6 36.8





#59

2-Hexanone

Concen: 97.479 ug/l

RT: 10.72 min Scan# 2783

Delta R.T. 0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

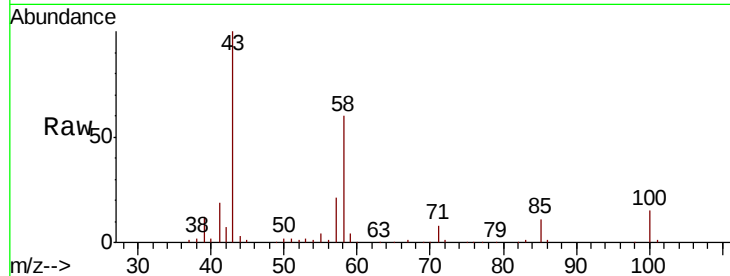
VN0618WBS01

Tot Ion: 43 Resp: 128449

Ion Ratio Lower Upper

43 100

58 59.3 30.1 90.5



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2766) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2766) (-)

10.72

80000

60000

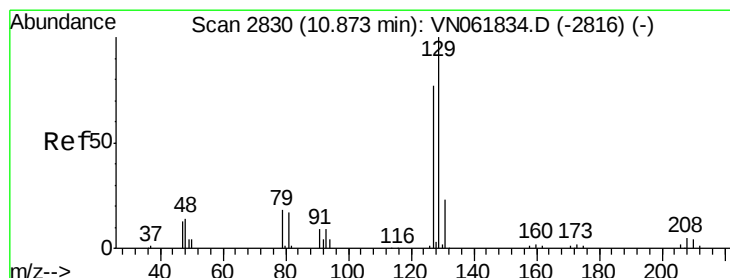
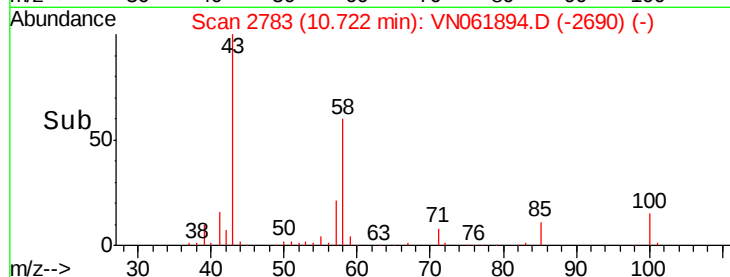
40000

20000

0

10.70 10.80

Time-->



#60

Dibromochloromethane

Concen: 20.267 ug/l

RT: 10.87 min Scan# 2830

Delta R.T. -0.00 min

Lab File: VN061894.D

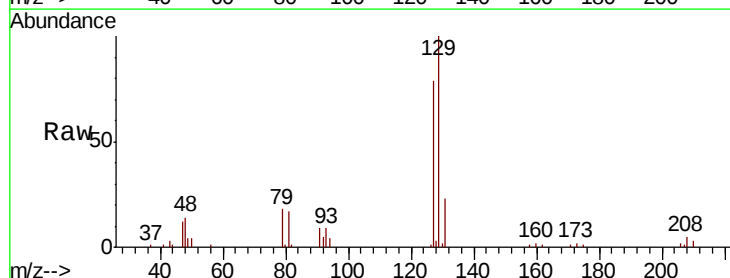
Acq: 18 Jun 2020 12:50

Tgt Ion: 129 Resp: 39396

Ion Ratio Lower Upper

129 100

127 77.1 38.5 115.5



Abundance Ion 128.80 (128.50 to 129.50): VN061834.D (-2816) (-)

Ion 126.80 (126.50 to 127.50): VN061834.D (-2816) (-)

10.87

25000

20000

15000

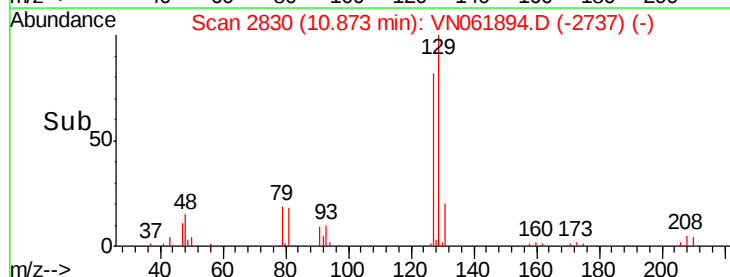
10000

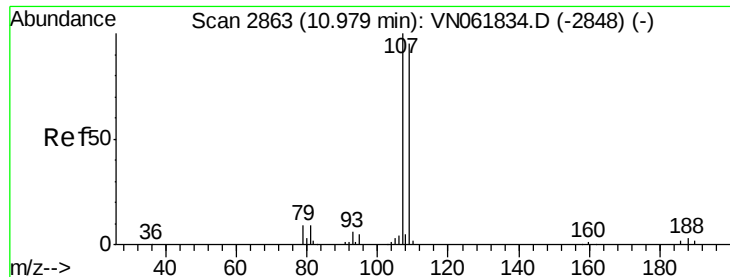
5000

0

10.80 10.85 10.90 10.95

Time-->

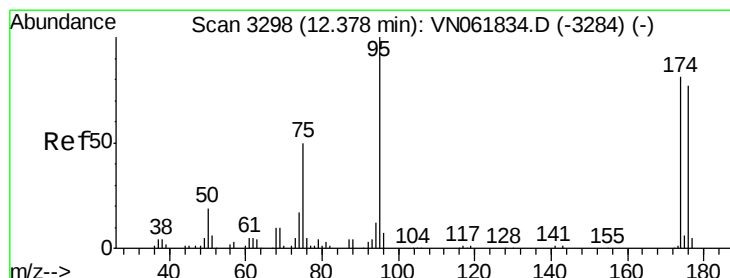
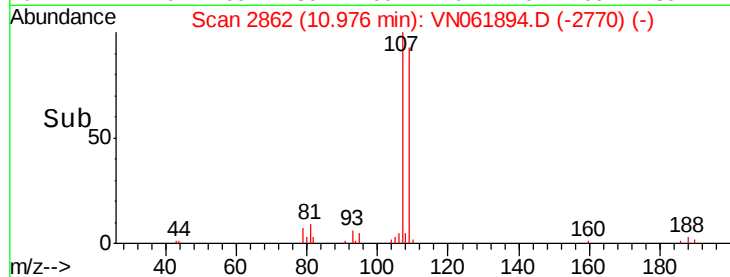
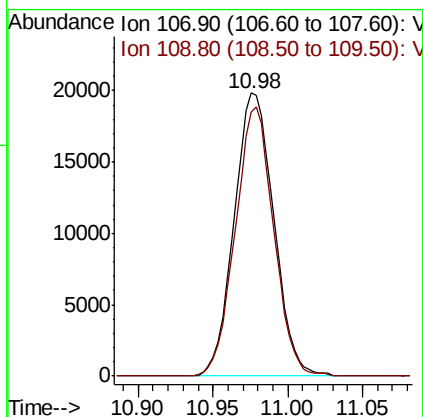
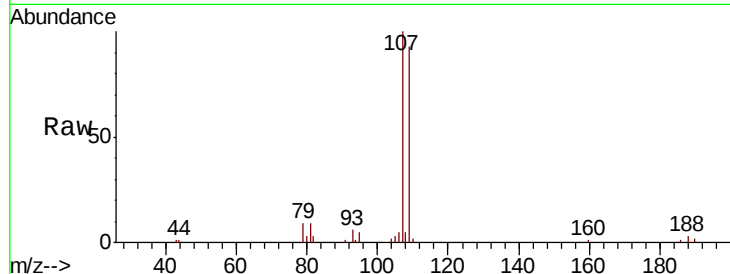




#61
 1,2-Dibromoethane
 Concen: 20.173 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061894.D
 Acq: 18 Jun 2020 12:50

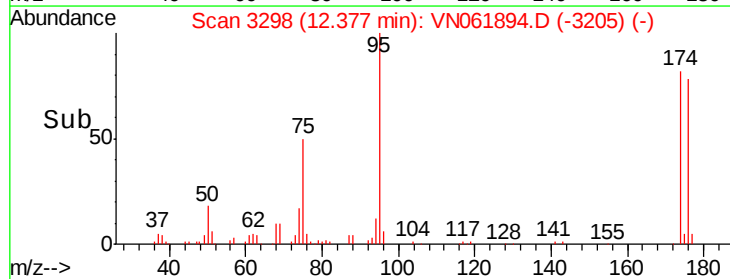
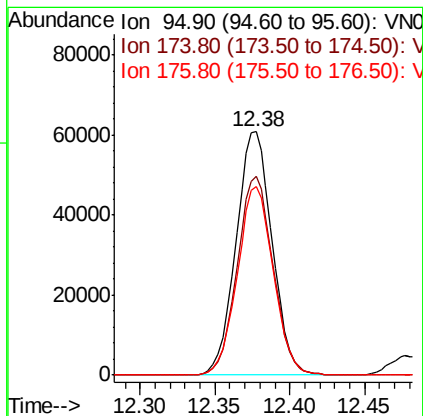
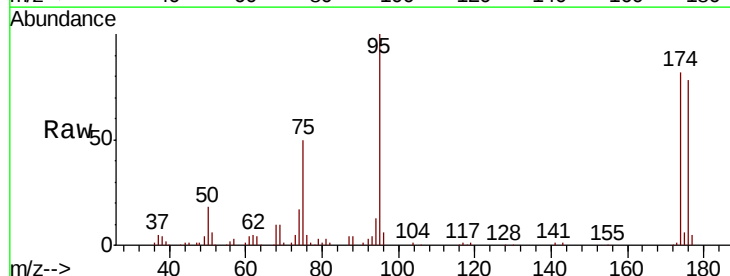
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBS01

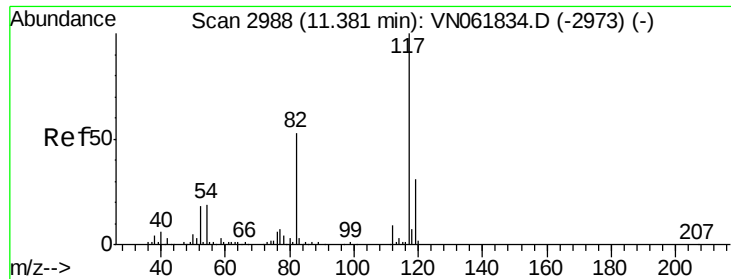
Tot Ion: 107 Resp: 36694
 Ion Ratio Lower Upper
 107 100
 109 91.8 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 46.381 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN061894.D
 Acq: 18 Jun 2020 12:50

Tgt Ion: 95 Resp: 102097
 Ion Ratio Lower Upper
 95 100
 174 80.8 0.0 158.6
 176 77.2 0.0 152.0

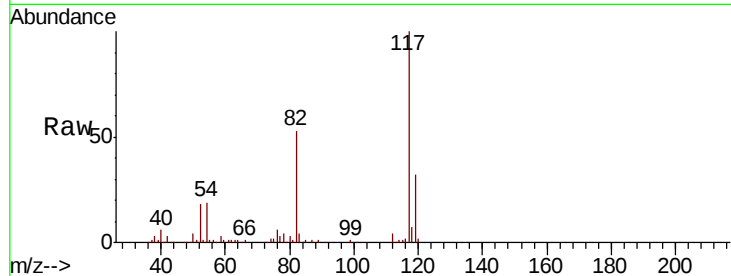




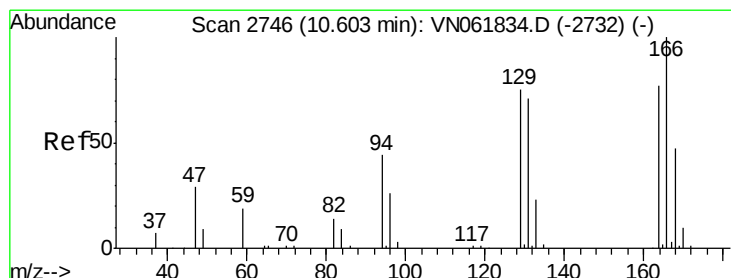
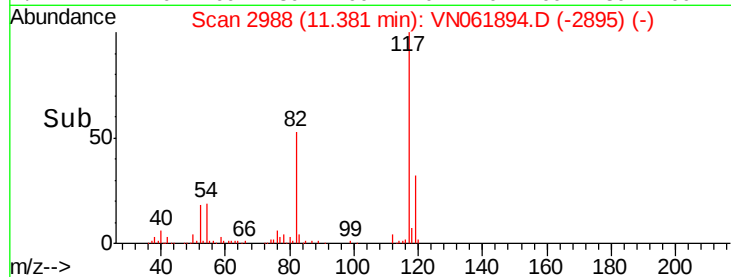
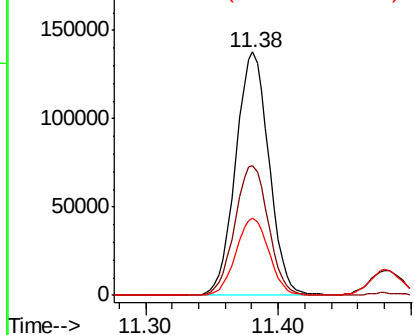
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

Tot Ion:117 Resp: 240015
Ion Ratio Lower Upper
117 100
82 53.4 42.6 64.0
119 31.6 24.7 37.1

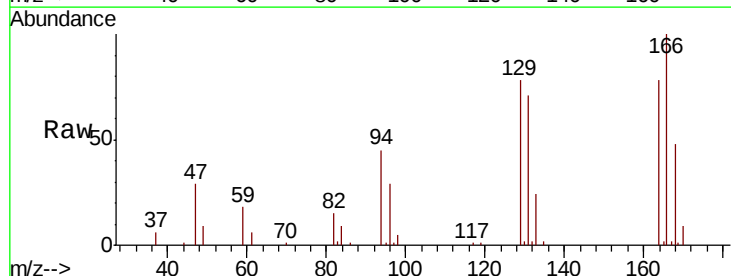


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

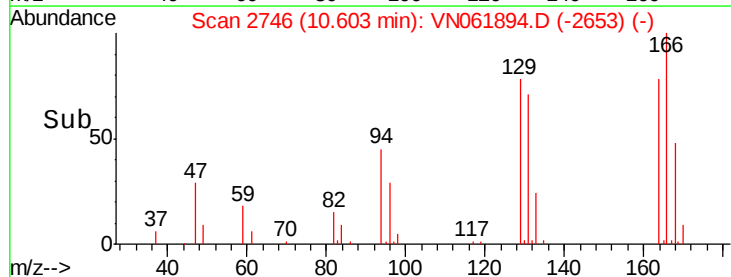
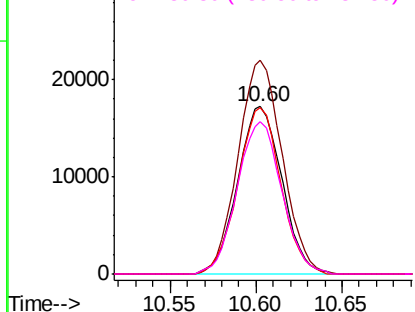


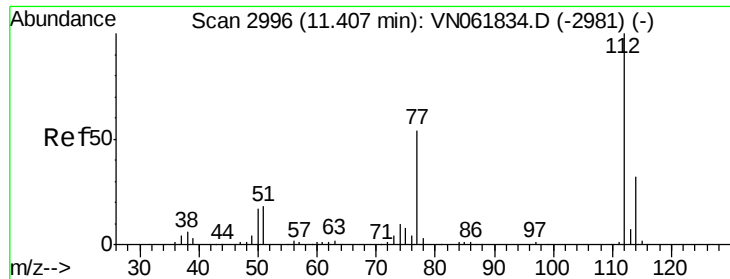
#64
Tetrachloroethene
Concen: 20.051 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tgt Ion:164 Resp: 30674
Ion Ratio Lower Upper
164 100
166 127.4 103.5 155.3
129 99.7 77.5 116.3
131 90.9 73.8 110.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

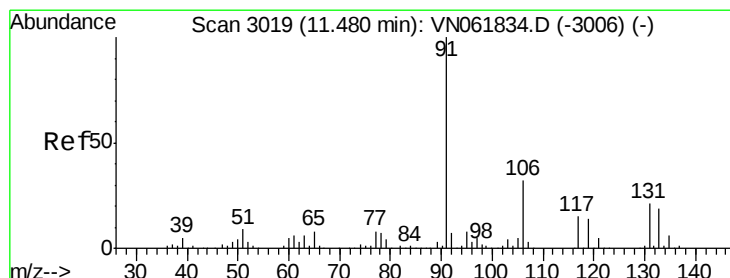
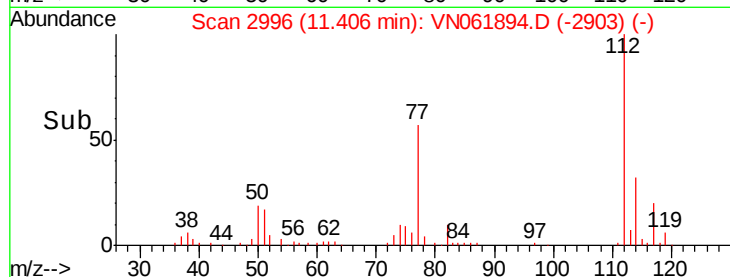
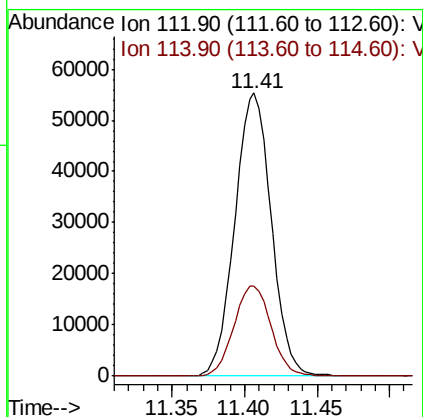
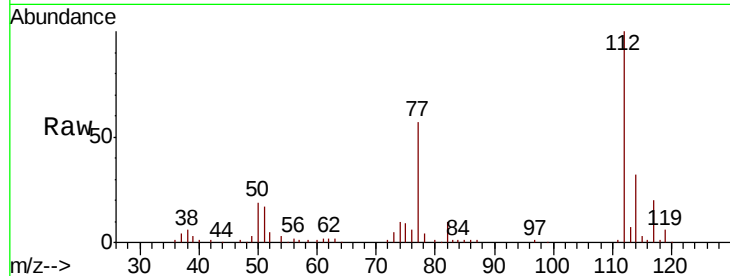




#65
Chlorobenzene
Concen: 19.097 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

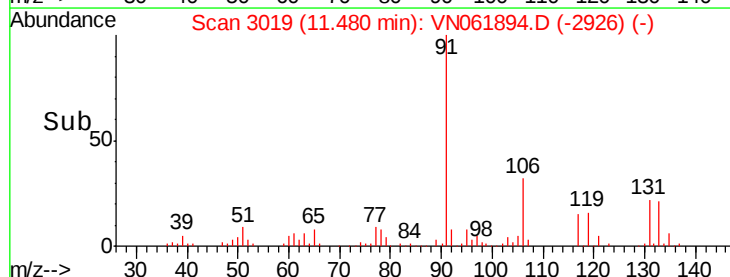
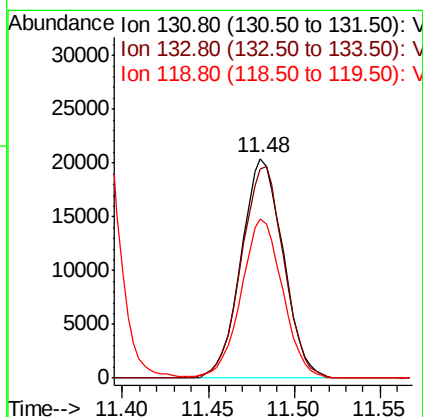
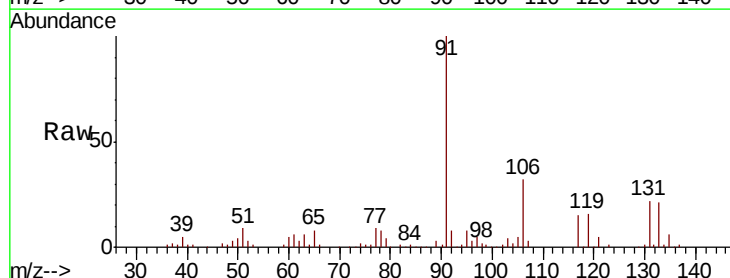
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

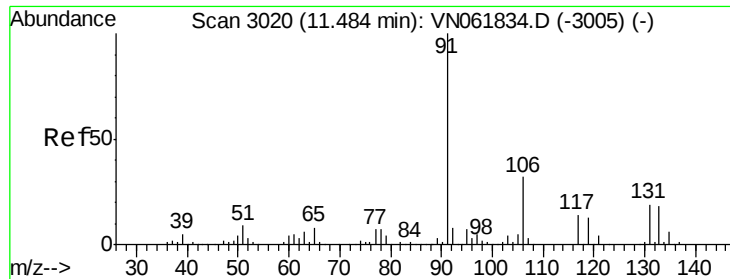
Tot Ion:112 Resp: 96716
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.683 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tgt Ion:131 Resp: 34766
Ion Ratio Lower Upper
131 100
133 97.0 47.5 142.5
119 71.2 34.0 101.8

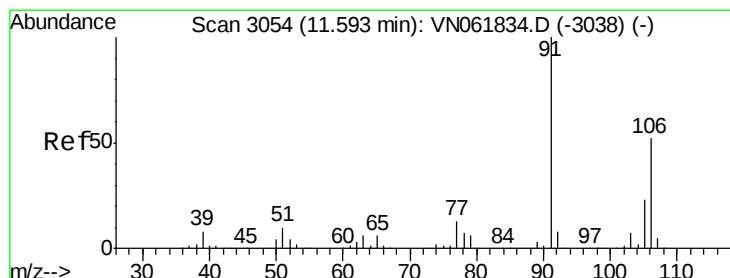
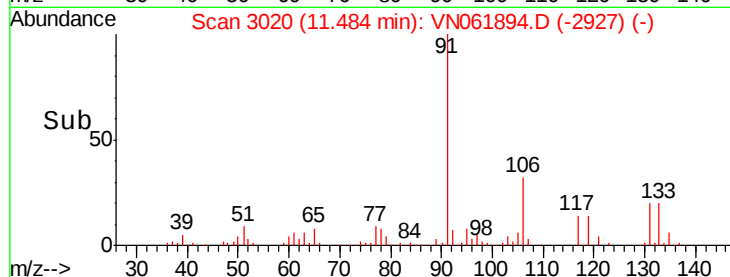
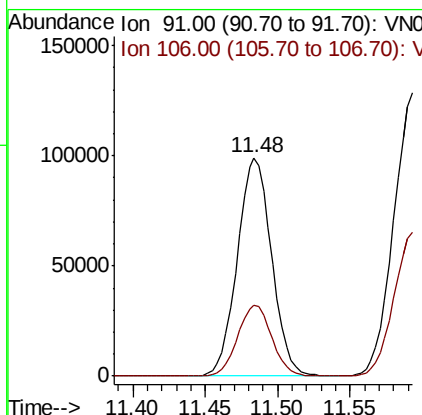
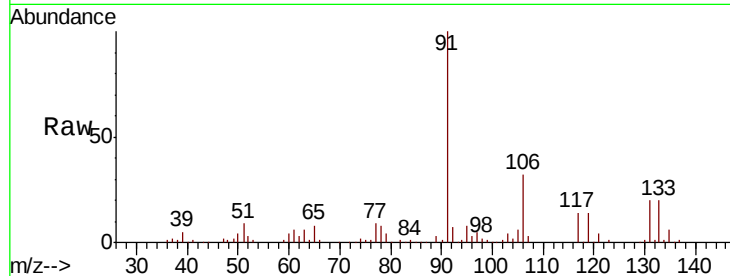




#67
Ethyl Benzene
Concen: 19.164 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

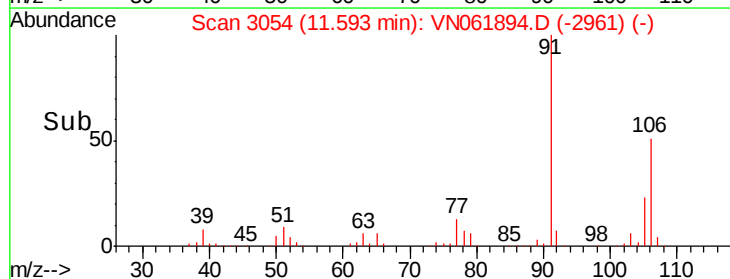
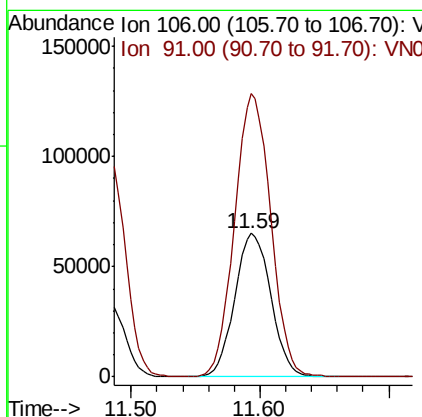
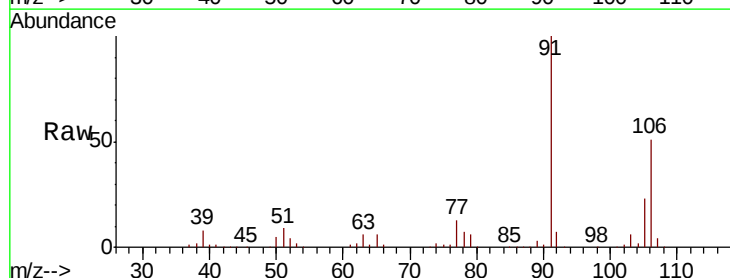
Instrument :
MSVOA_N
ClientSampled :
VN0618WBS01

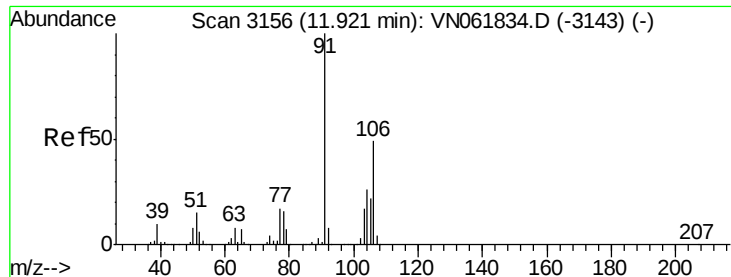
Tot Ion: 91 Resp: 162728
Ion Ratio Lower Upper
91 100
106 32.3 25.4 38.2



#68
m/p-Xylenes
Concen: 38.869 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tgt Ion: 106 Resp: 127268
Ion Ratio Lower Upper
106 100
91 196.5 157.0 235.6

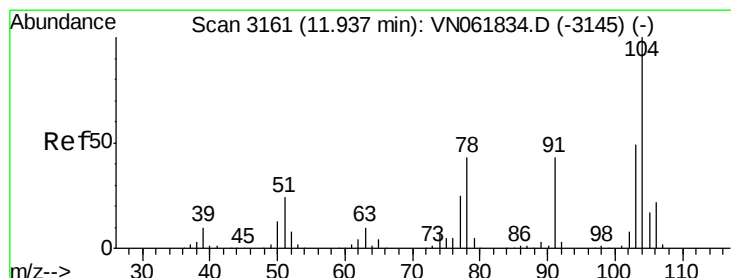
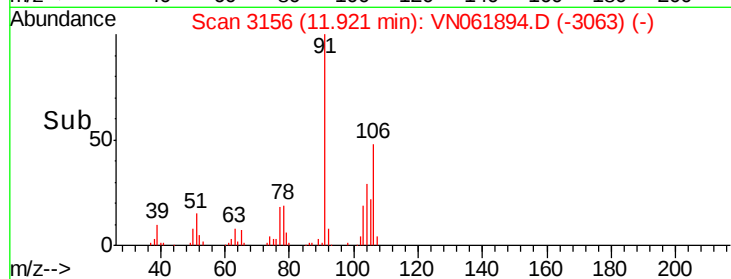
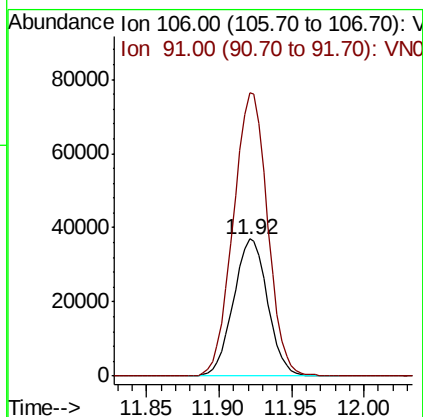
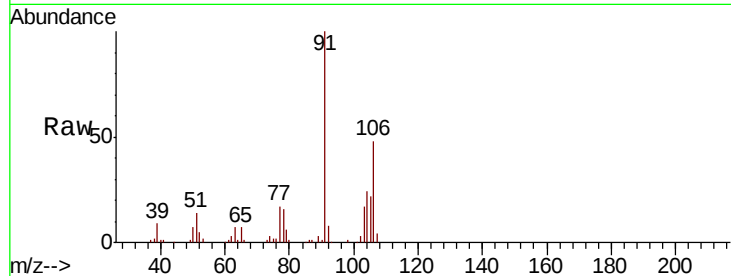




#69
o-Xylene
Concen: 19.455 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

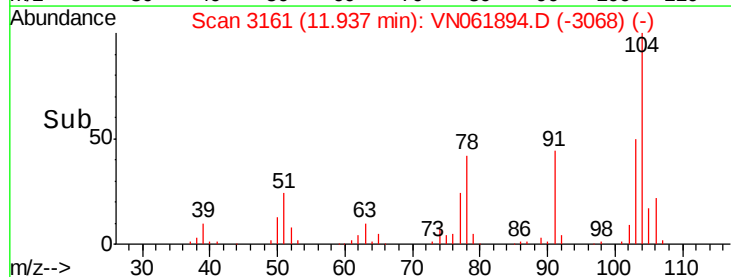
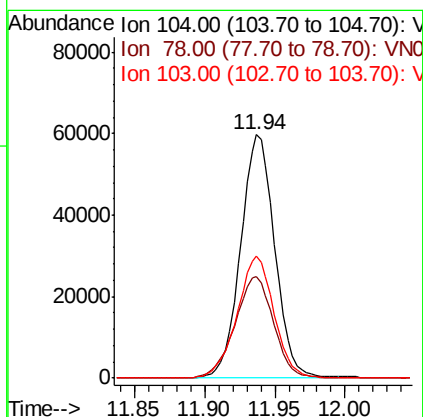
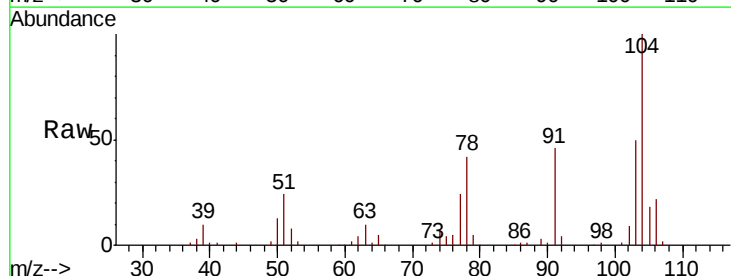
Instrument :
MSVOA_N
ClientSampled :
VN0618WBS01

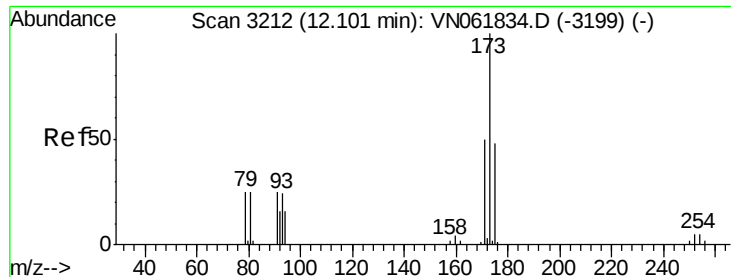
Tot Ion:106 Resp: 60781
Ion Ratio Lower Upper
106 100
91 206.8 103.0 308.9



#70
Styrene
Concen: 19.378 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tgt Ion:104 Resp: 101366
Ion Ratio Lower Upper
104 100
78 47.0 37.6 56.4
103 54.0 43.0 64.4





#71

Bromoform

Concen: 19.028 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

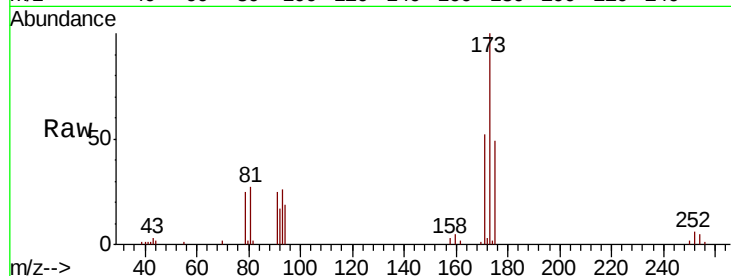
Tot Ion:173 Resp: 24507

Ion Ratio Lower Upper

173 100

175 49.0 23.9 71.7

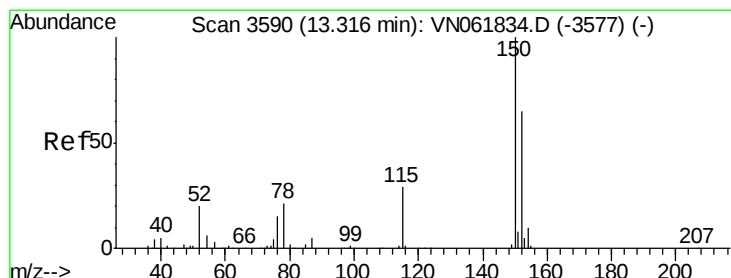
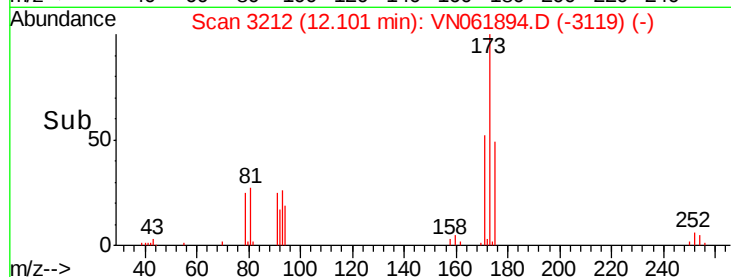
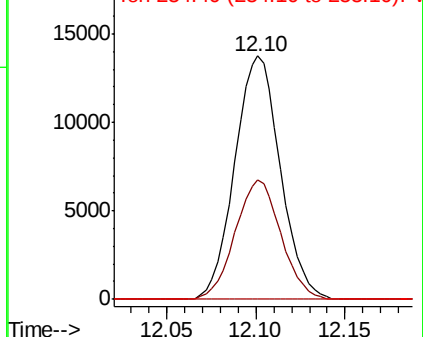
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

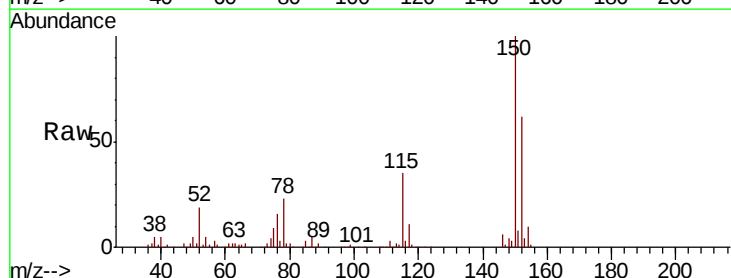
Tgt Ion:152 Resp: 112331

Ion Ratio Lower Upper

152 100

115 57.2 29.1 87.3

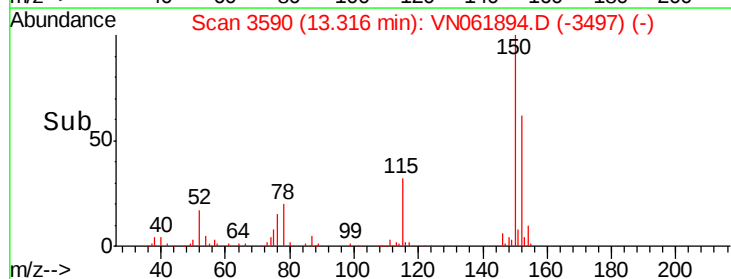
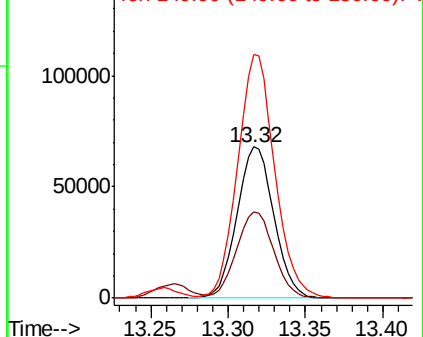
150 162.4 0.0 347.6

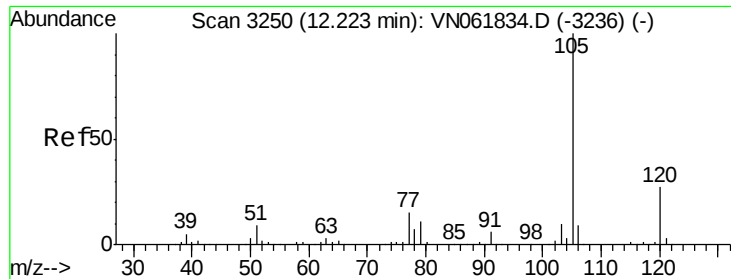


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.161 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

ClientSampled :

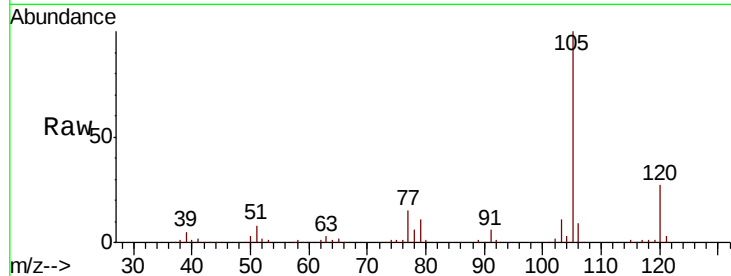
VN0618WBS01

Tot Ion:105 Resp: 160934

Ion Ratio Lower Upper

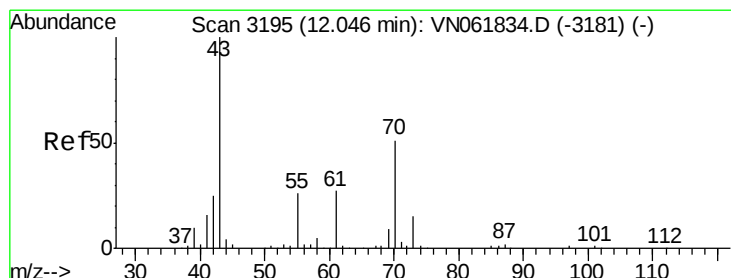
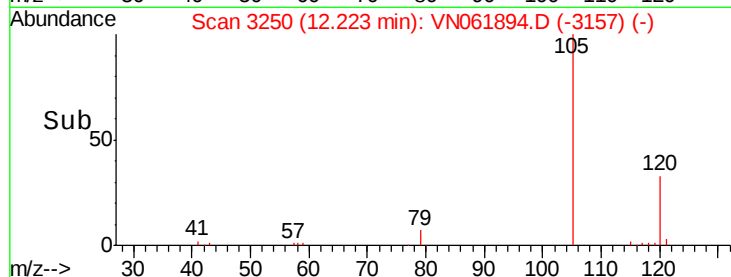
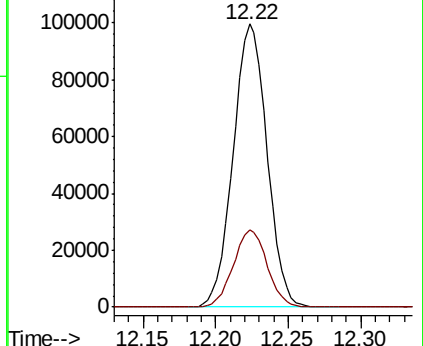
105 100

120 27.1 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.294 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Tgt Ion: 43 Resp: 46900

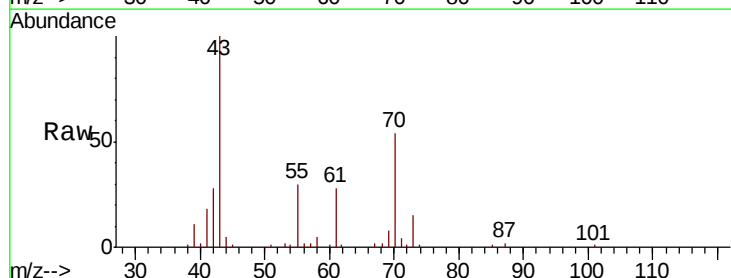
Ion Ratio Lower Upper

43 100

70 53.1 40.6 60.8

55 29.6 21.5 32.3

61 26.7 21.6 32.4

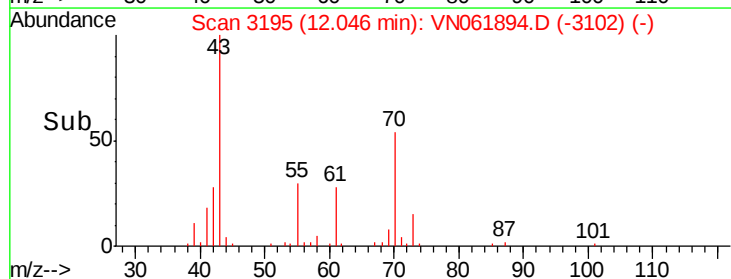
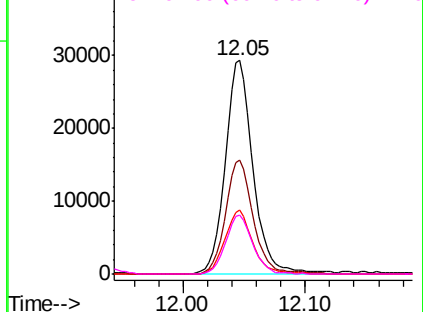


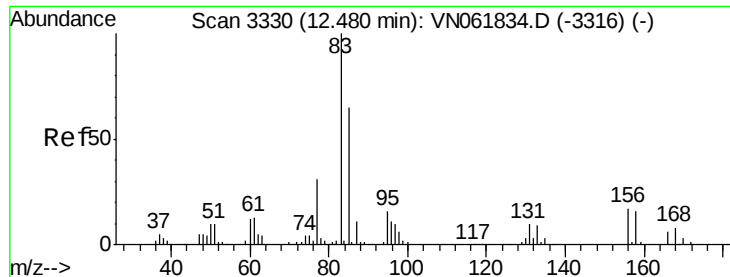
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.899 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

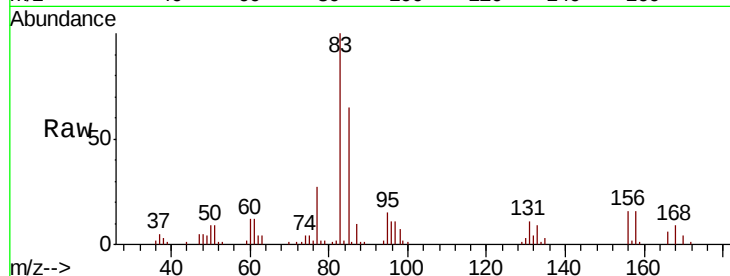
Tot Ion: 83 Resp: 51642

Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

85 64.1 32.4 97.2



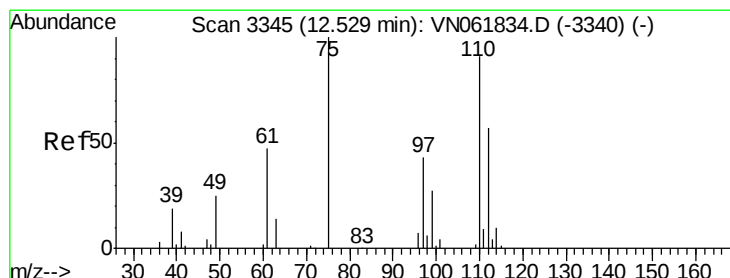
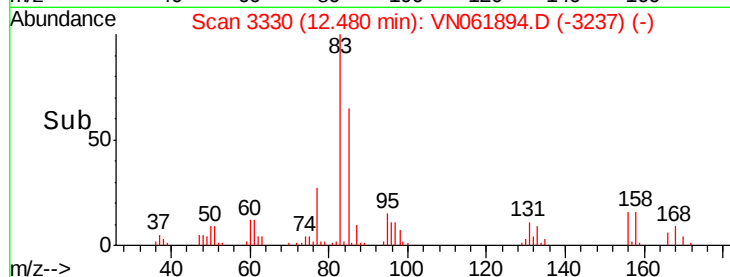
Abundance Ion 82.90 (82.60 to 83.60): VN061834.D (-3316) (-)

Ion 130.80 (130.50 to 131.50): VN061834.D (-3316) (-)

Ion 84.90 (84.60 to 85.60): VN061834.D (-3316) (-)

12.48

Time-->



#76

1,2,3-Trichloropropane

Concen: 28.238 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN061894.D

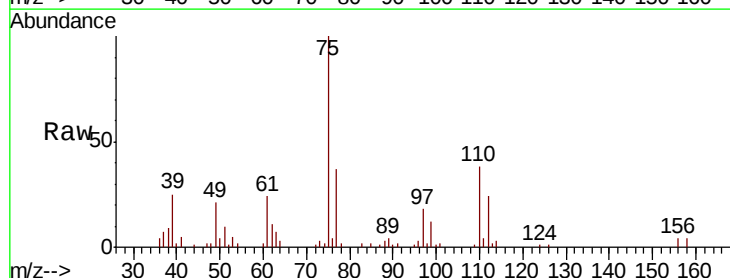
Acq: 18 Jun 2020 12:50

Tgt Ion: 75 Resp: 62275

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

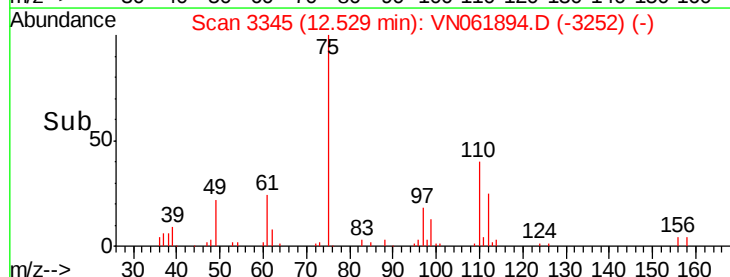


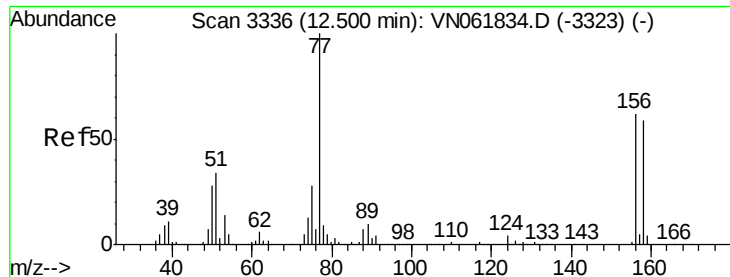
Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN061834.D (-3340) (-)

12.53

Time-->





#77

Bromobenzene

Concen: 19.644 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

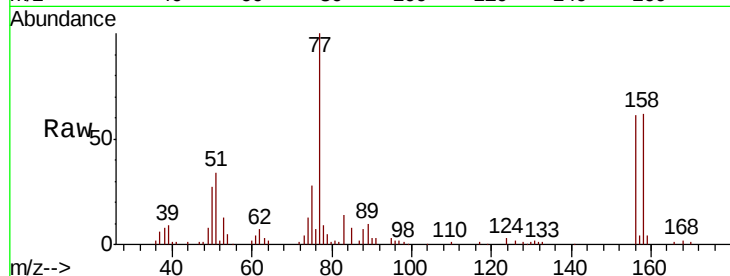
Tot Ion:156 Resp: 39560

Ion Ratio Lower Upper

156 100

77 201.2 100.7 302.1

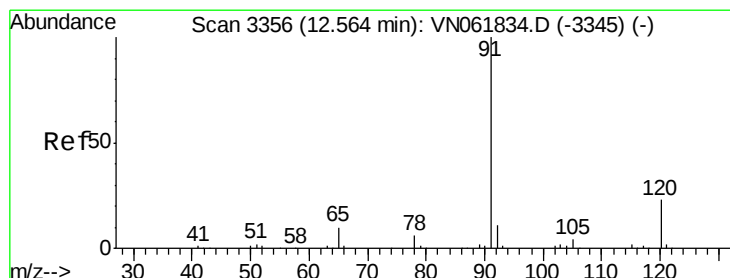
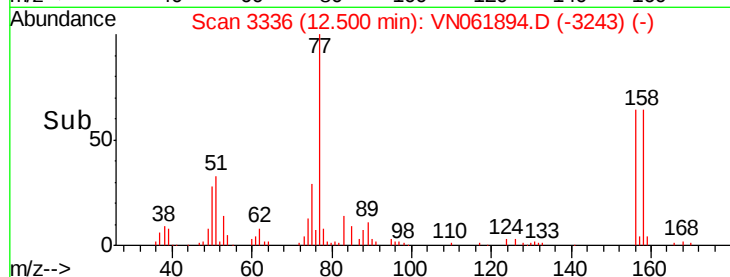
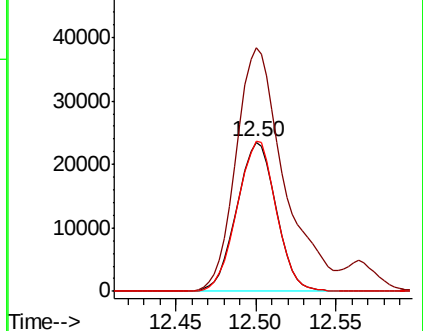
158 99.6 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.523 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061894.D

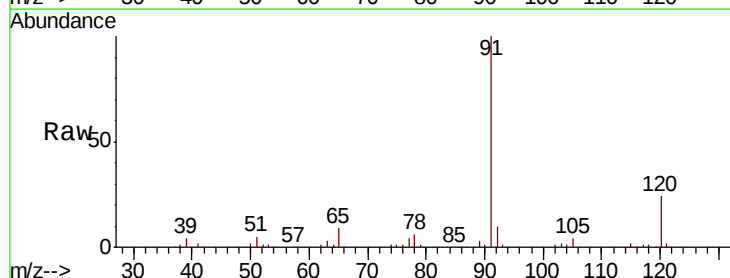
Acq: 18 Jun 2020 12:50

Tgt Ion: 91 Resp: 177822

Ion Ratio Lower Upper

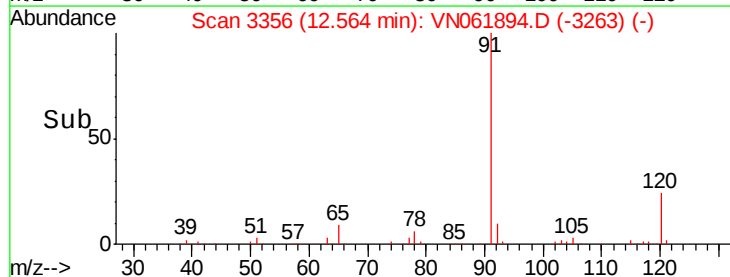
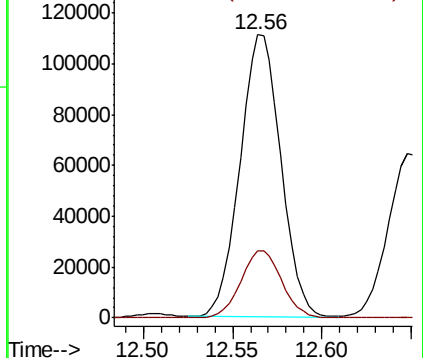
91 100

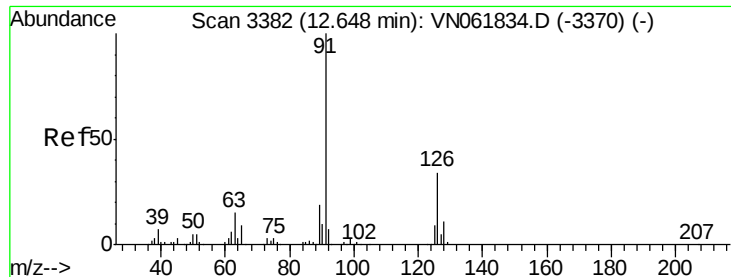
120 23.8 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

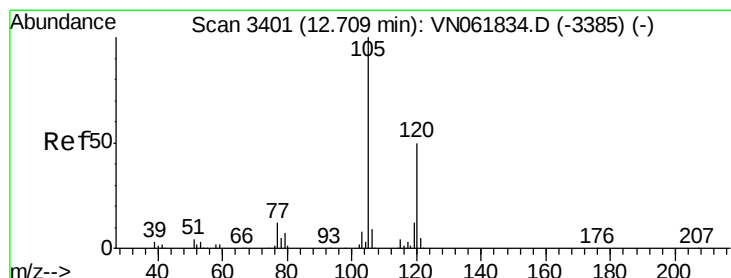
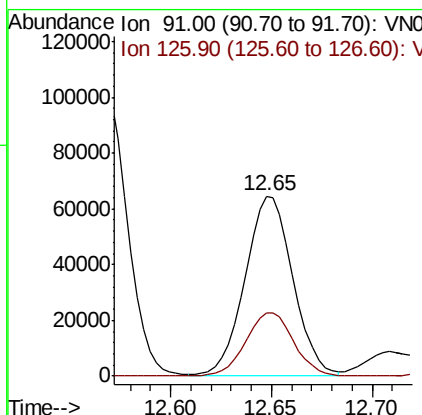
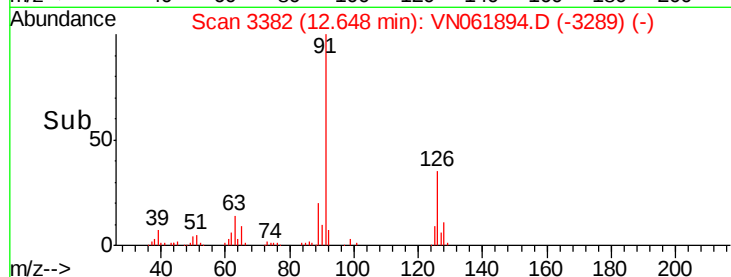
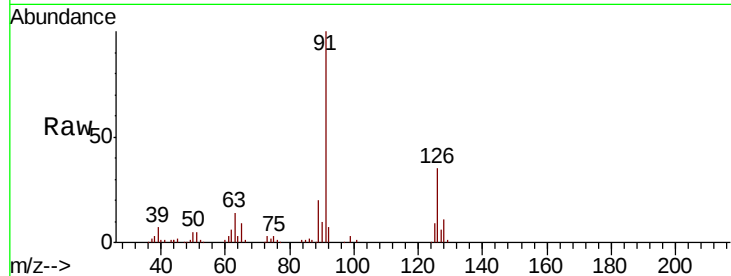




#79
 2-Chlorotoluene
 Concen: 19.372 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN061894.D
 Acq: 18 Jun 2020 12:50

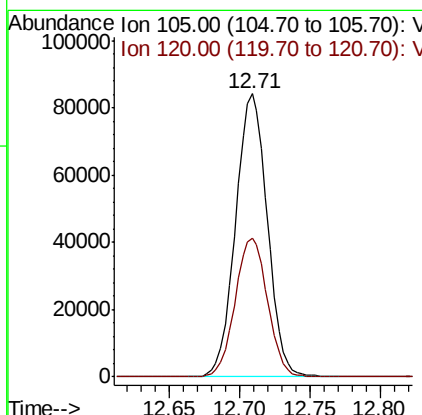
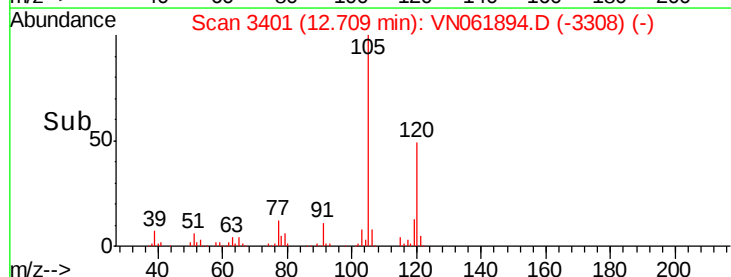
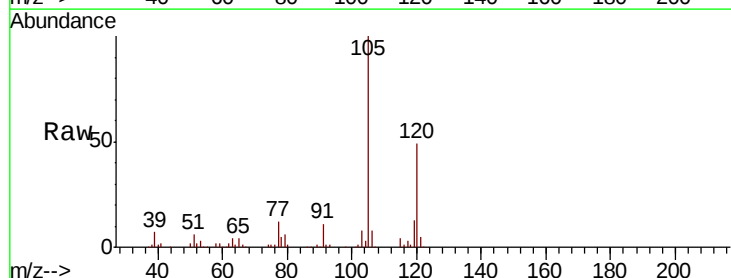
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBS01

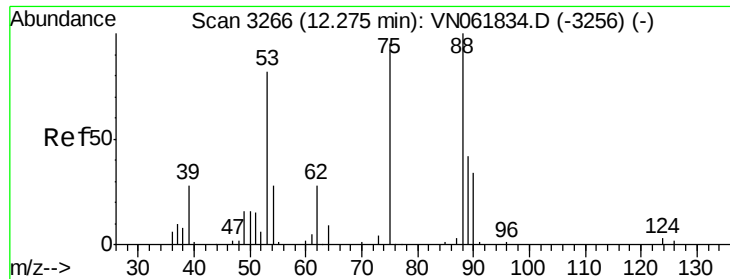
Tot Ion: 91 Resp: 105971
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.3 51.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.102 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN061894.D
 Acq: 18 Jun 2020 12:50

Tgt Ion: 105 Resp: 132754
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 19.333 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

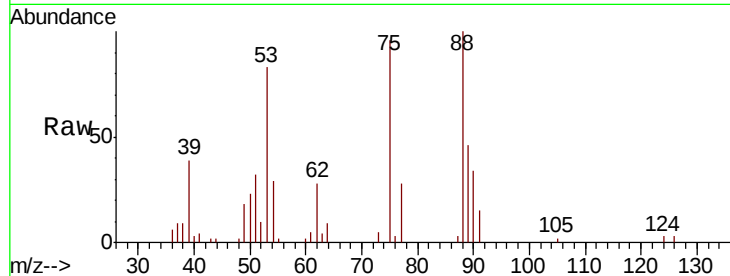
Tot Ion: 75 Resp: 15632

Ion Ratio Lower Upper

75 100

53 88.7 70.4 105.6

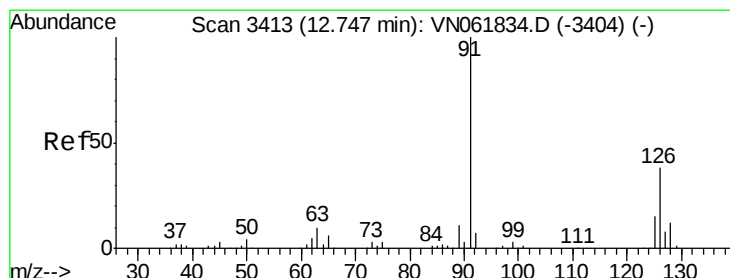
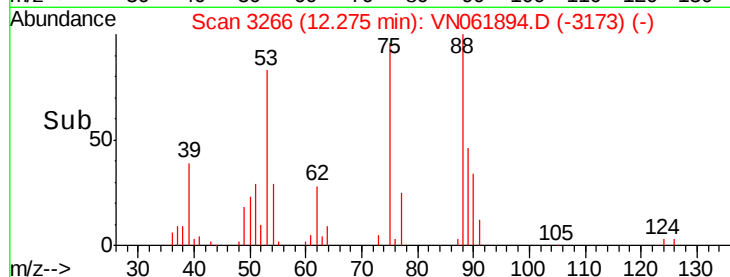
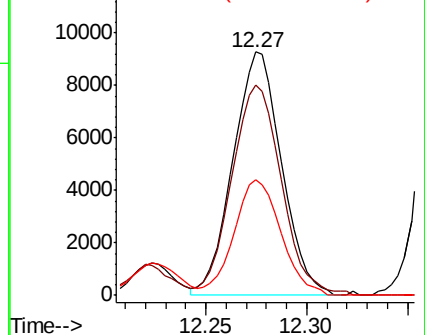
89 46.2 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.515 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061894.D

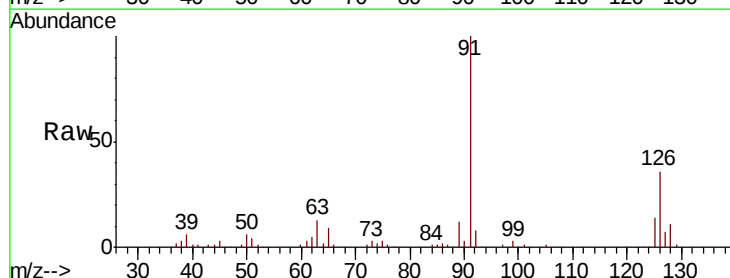
Acq: 18 Jun 2020 12:50

Tgt Ion: 91 Resp: 110309

Ion Ratio Lower Upper

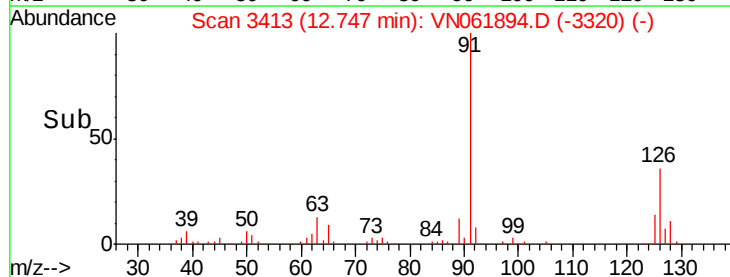
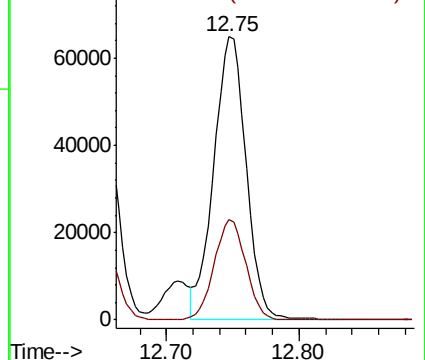
91 100

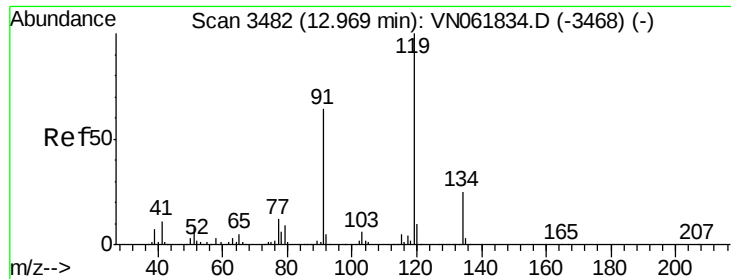
126 34.5 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

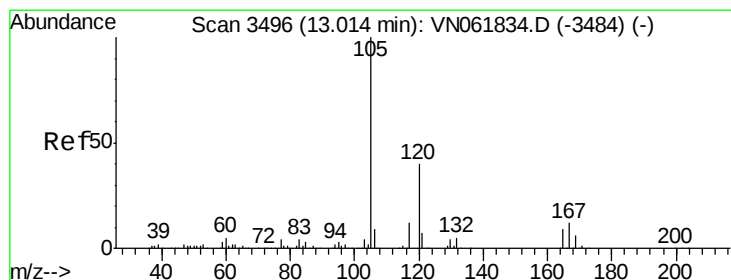
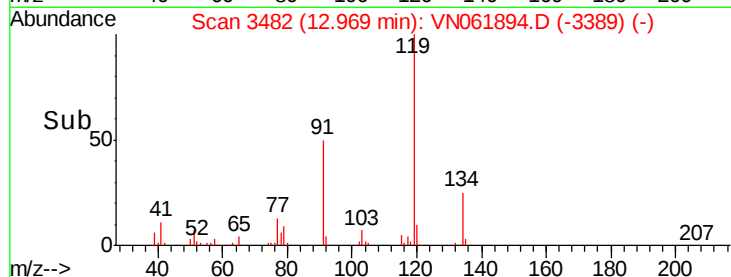
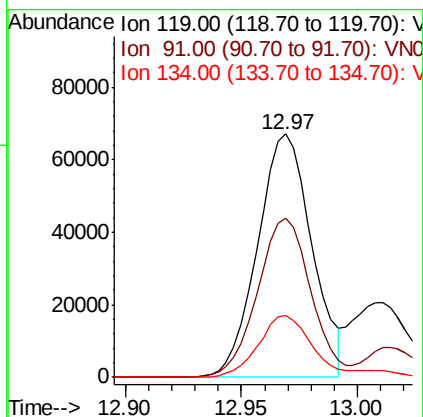
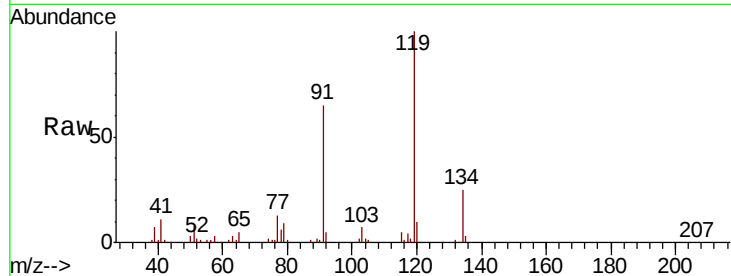




#83
 tert-Butylbenzene
 Concen: 19.550 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN061894.D
 Acq: 18 Jun 2020 12:50

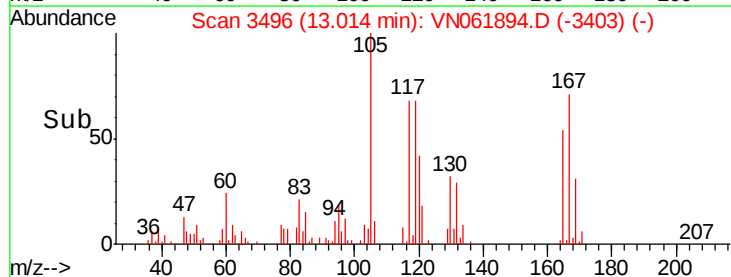
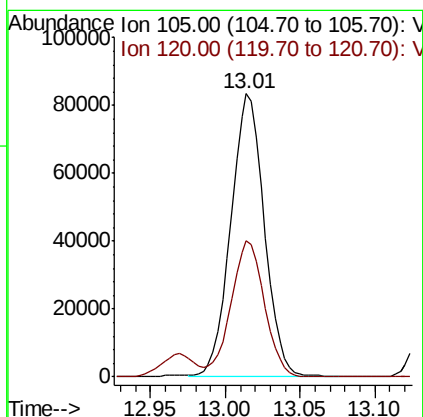
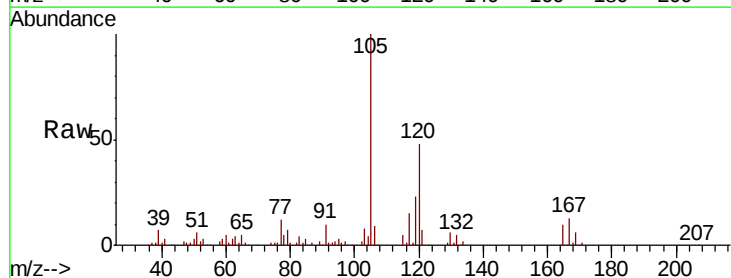
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBS01

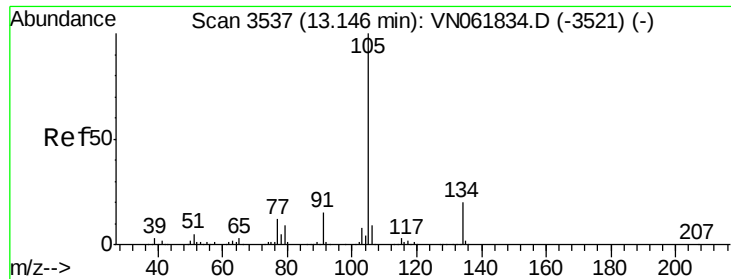
Tot Ion:119 Resp: 109453
 Ion Ratio Lower Upper
 119 100
 91 64.8 31.5 94.5
 134 27.1 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.817 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061894.D
 Acq: 18 Jun 2020 12:50

Tgt Ion:105 Resp: 129185
 Ion Ratio Lower Upper
 105 100
 120 48.3 23.3 69.9





#85

sec-Butylbenzene

Concen: 19.872 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

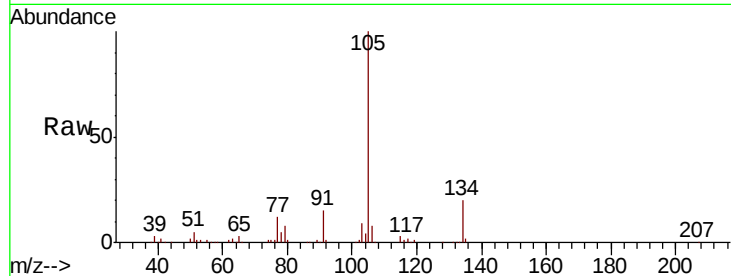
VN0618WBS01

Tot Ion:105 Resp: 145620

Ion Ratio Lower Upper

105 100

134 20.7 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

100000

80000

60000

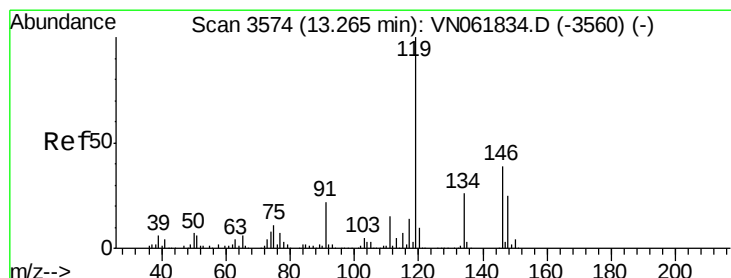
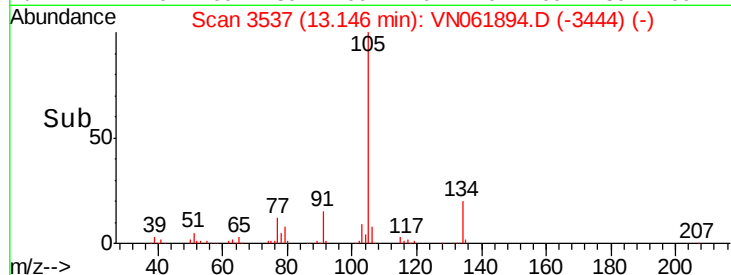
40000

20000

0

13.10 13.15 13.20

Time-->



#86

p-Isopropyltoluene

Concen: 20.186 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

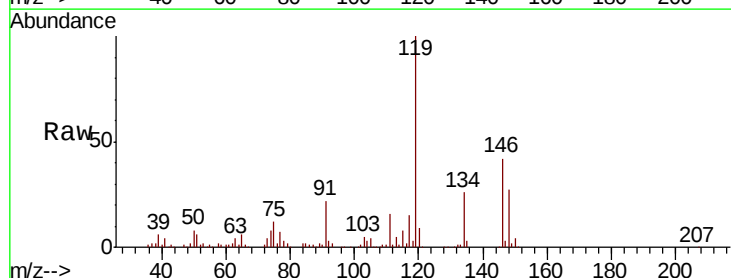
Tgt Ion:119 Resp: 131815

Ion Ratio Lower Upper

119 100

134 25.9 13.3 39.9

91 22.5 11.2 33.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

100000

80000

60000

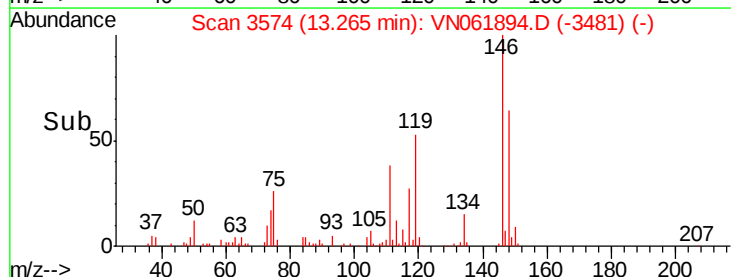
40000

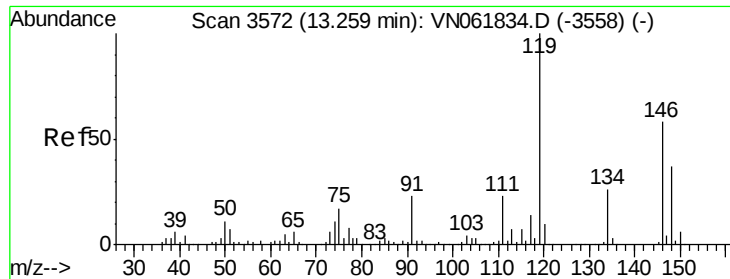
20000

0

13.20 13.30

Time-->

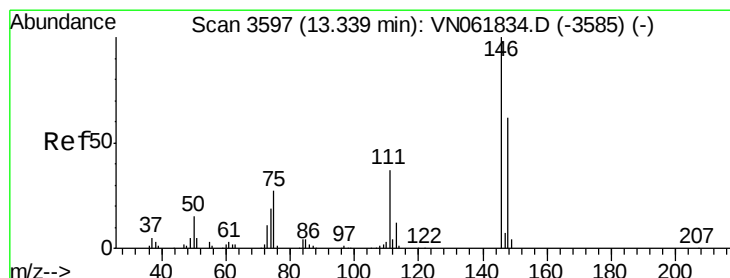
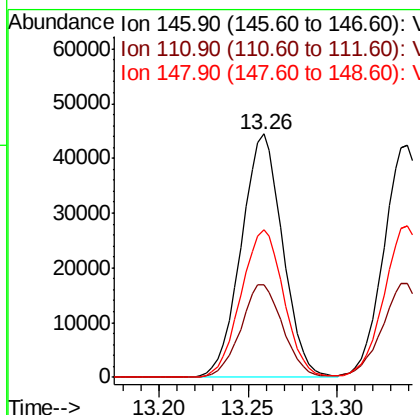
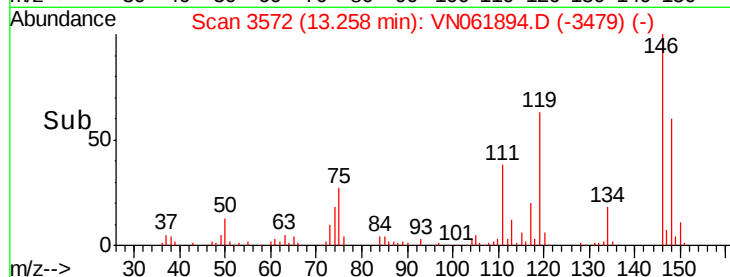
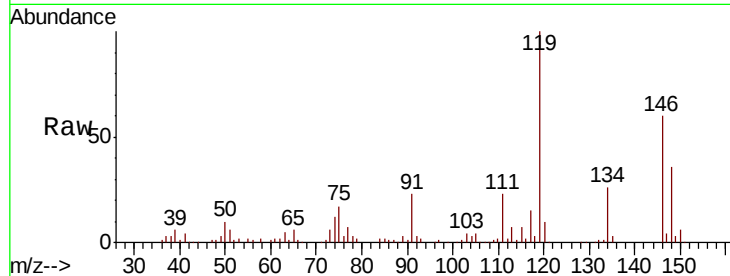




#87
 1,3-Dichlorobenzene
 Concen: 19.663 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061894.D
 Acq: 18 Jun 2020 12:50

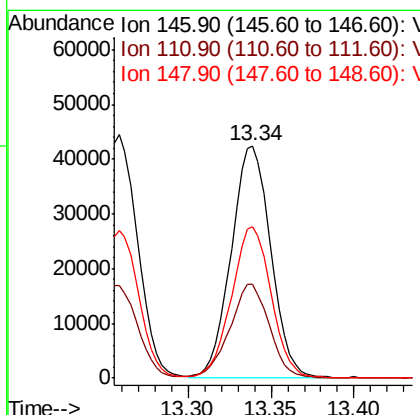
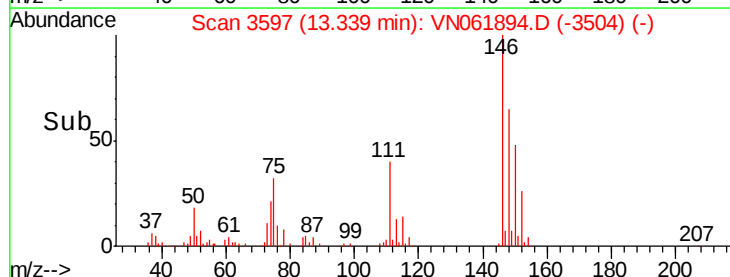
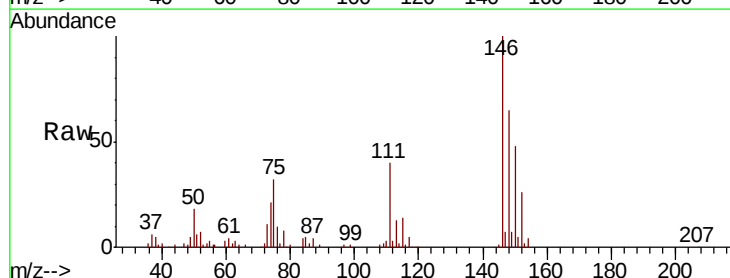
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBS01

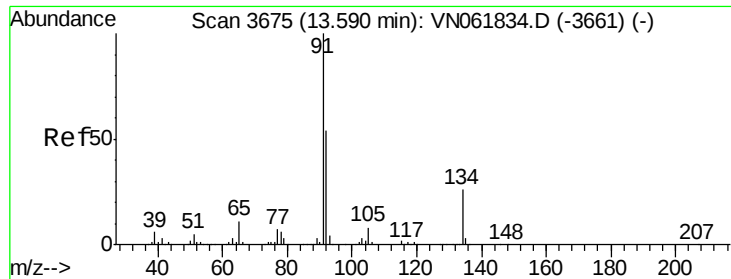
Tot Ion:146 Resp: 72220
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.6 58.8
 148 62.4 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.789 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN061894.D
 Acq: 18 Jun 2020 12:50

Tgt Ion:146 Resp: 70641
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.3 57.8
 148 65.3 31.6 94.7

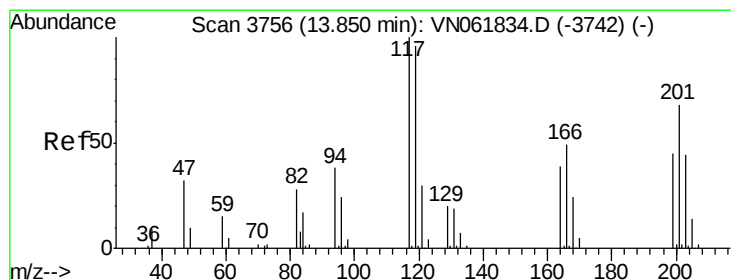
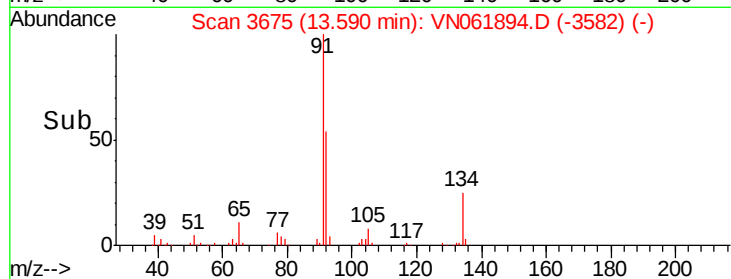
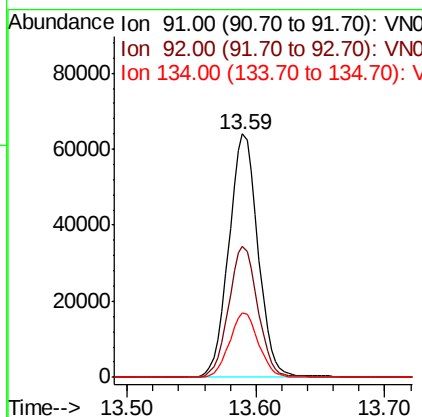
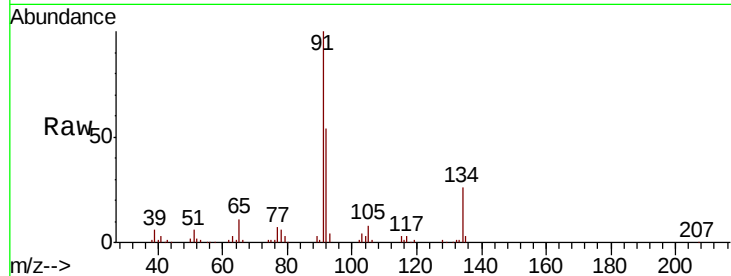




#89
n-Butylbenzene
Concen: 18.428 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

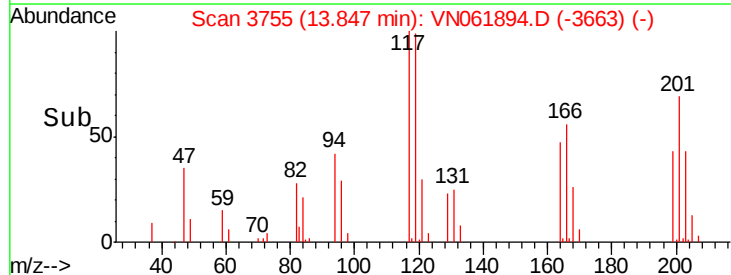
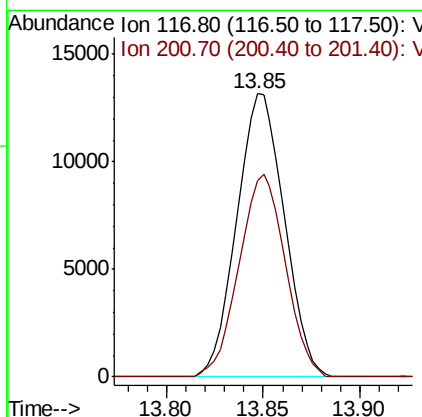
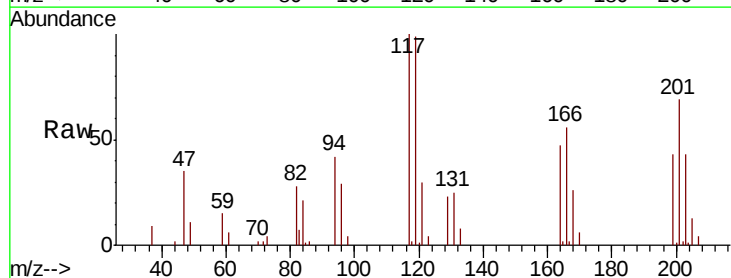
Instrument :
MSVOA_N
ClientSampled :
VN0618WBS01

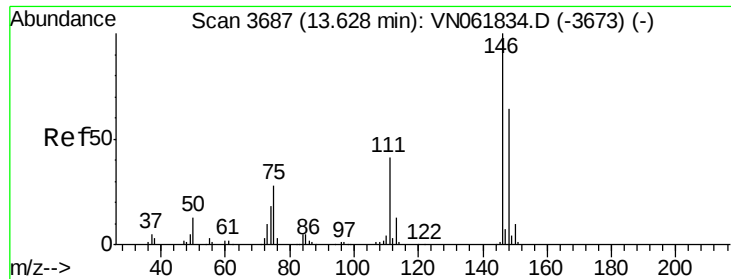
Tot Ion: 91 Resp: 100495
Ion Ratio Lower Upper
91 100
92 53.6 27.0 80.8
134 26.3 13.0 39.0



#90
Hexachloroethane
Concen: 18.823 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tgt Ion: 117 Resp: 22499
Ion Ratio Lower Upper
117 100
201 69.6 34.6 103.8





#91

1,2-Dichlorobenzene

Concen: 19.208 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

ClientSampled :

VN0618WBS01

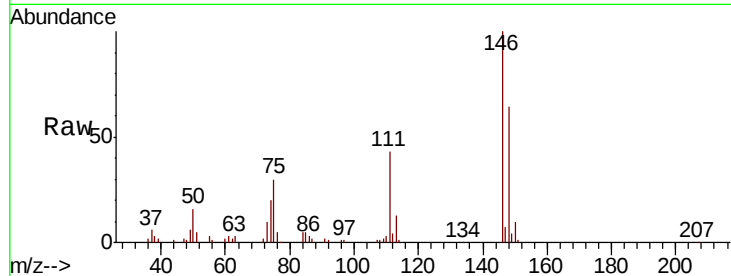
Tot Ion:146 Resp: 67921

Ion Ratio Lower Upper

146 100

111 42.4 20.4 61.2

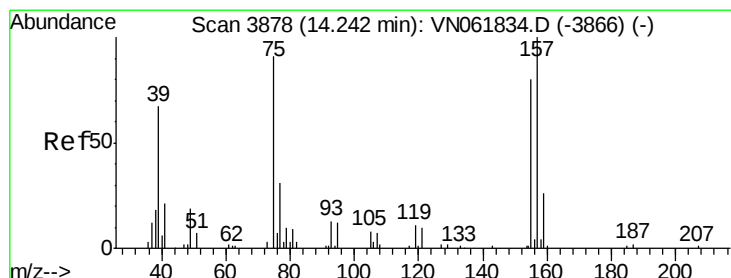
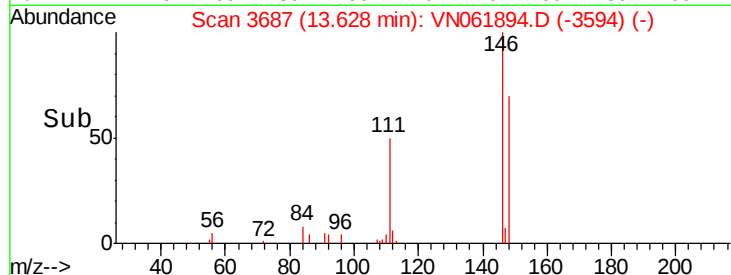
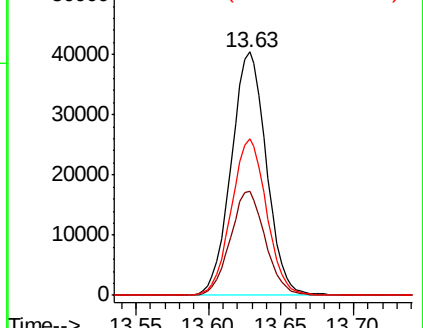
148 64.2 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.864 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

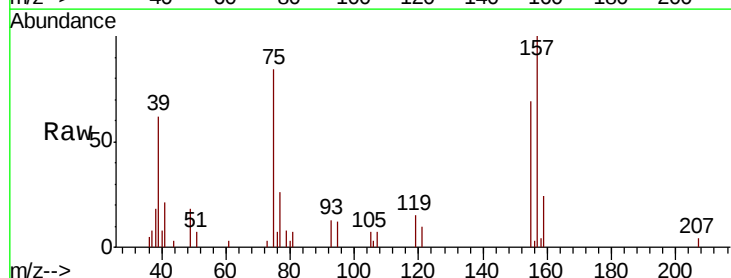
Tgt Ion: 75 Resp: 8369

Ion Ratio Lower Upper

75 100

155 89.3 44.4 133.2

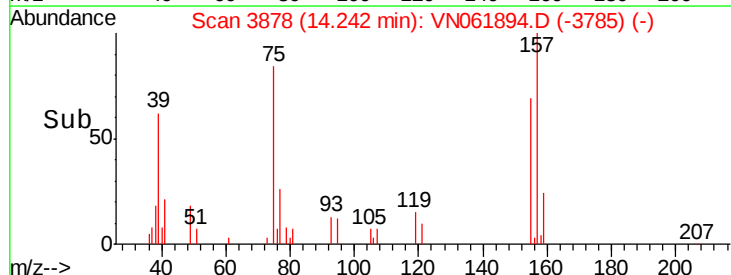
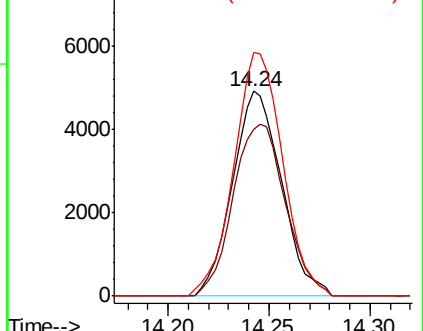
157 118.3 57.0 171.2

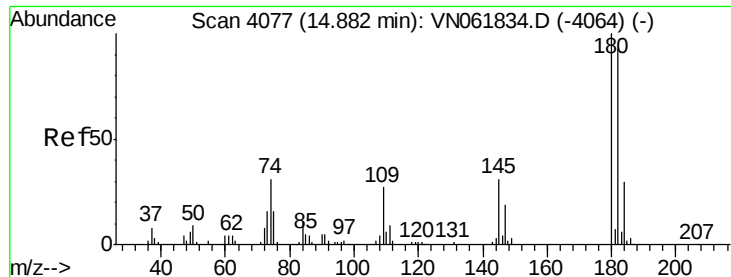


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

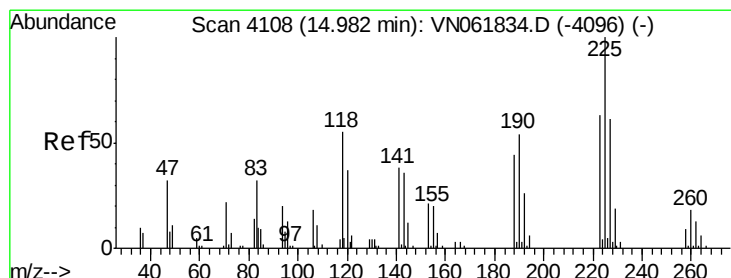
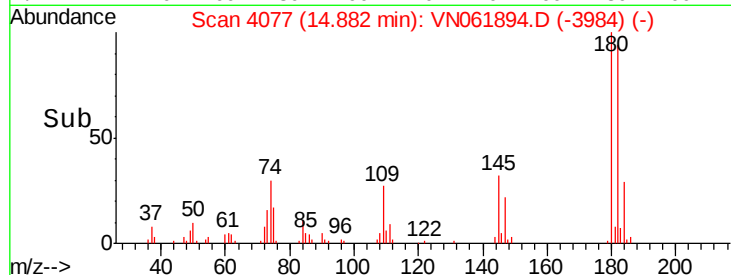
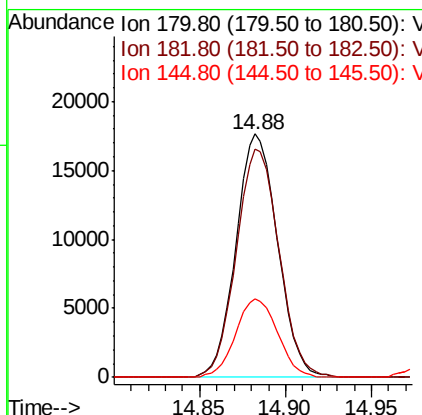
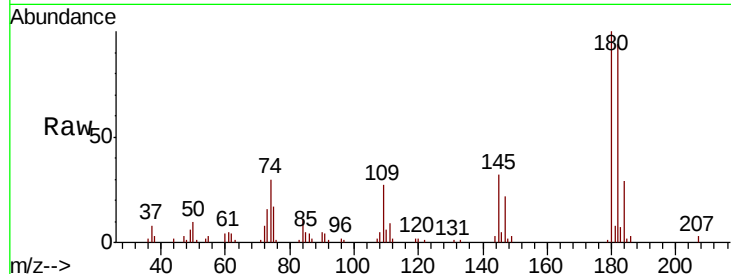




#93
 1,2,4-Trichlorobenzene
 Concen: 17.750 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061894.D
 Acq: 18 Jun 2020 12:50

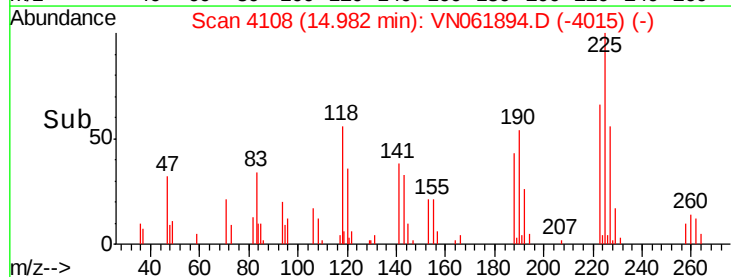
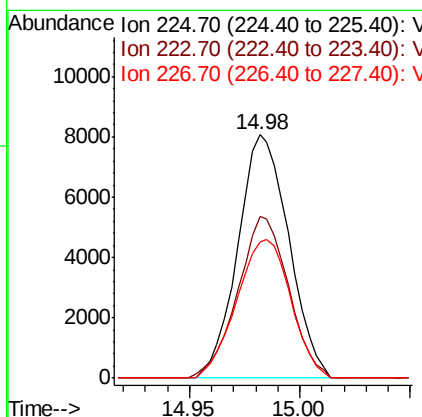
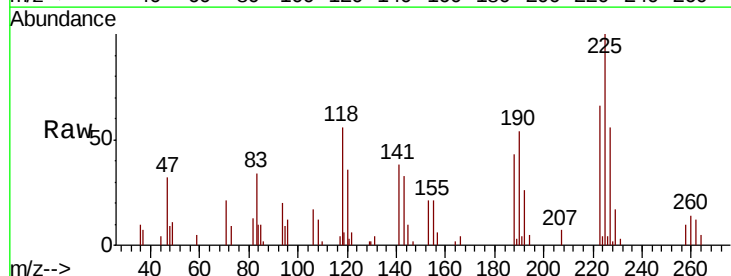
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBS01

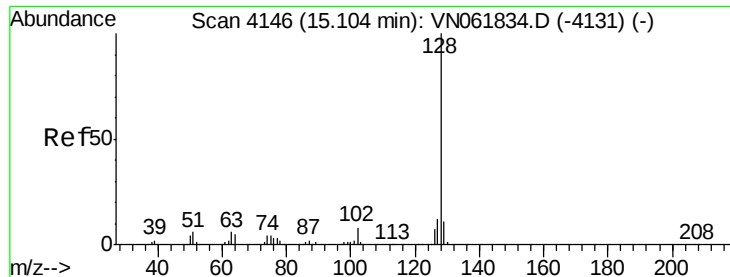
Tot Ion:180 Resp: 29617
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.0 141.2
 145 32.5 15.8 47.3



#94
 Hexachlorobutadiene
 Concen: 19.704 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061894.D
 Acq: 18 Jun 2020 12:50

Tgt Ion:225 Resp: 12949
 Ion Ratio Lower Upper
 225 100
 223 66.2 31.7 95.1
 227 60.5 30.1 90.3





#95

Naphthalene

Concen: 17.630 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

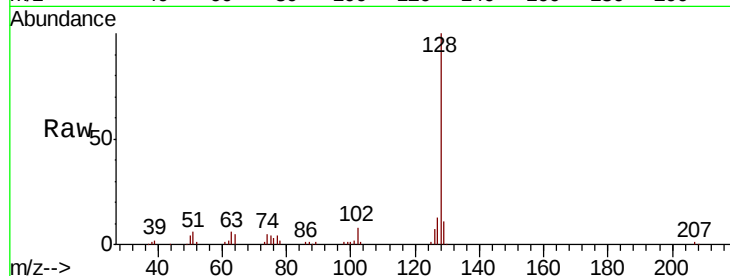
Tot Ion:128 Resp: 84964

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

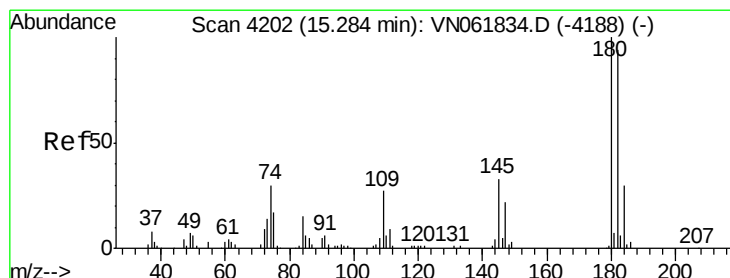
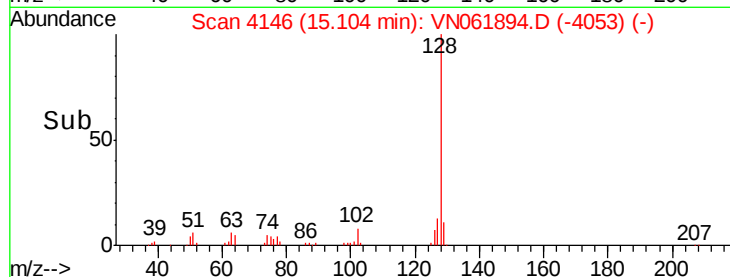
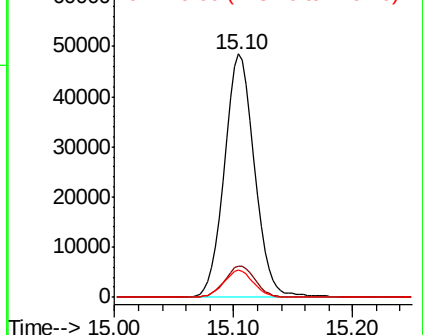
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.489 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

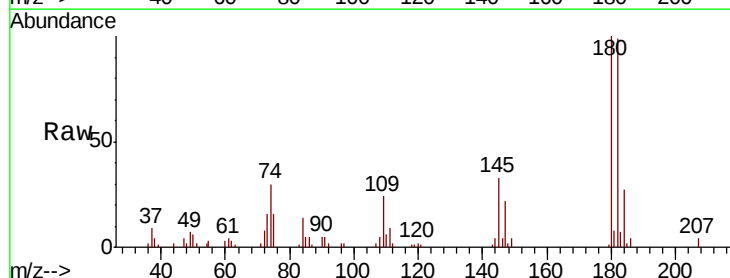
Tgt Ion:180 Resp: 30553

Ion Ratio Lower Upper

180 100

182 96.5 47.9 143.6

145 32.3 16.5 49.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

