

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061972.D
 Acq On : 20 Jun 2020 3:15
 Operator : JC/MD
 Sample : VN0619WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD02

Quant Time: Jun 22 00:40:52 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	125936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	241120	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	221338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	95183	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	110215	65.26	ug/l	0.00
Spiked Amount			Recovery	=	130.52%	
35) Dibromofluoromethane	7.55	113	88596	57.43	ug/l	0.00
Spiked Amount			Recovery	=	114.86%	
50) Toluene-d8	10.06	98	312264	51.49	ug/l	0.00
Spiked Amount			Recovery	=	102.98%	
62) 4-Bromofluorobenzene	12.37	95	102713	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	29440	18.153	ug/l	100
3) Chloromethane	2.03	50	39436	22.560	ug/l	99
4) Vinyl Chloride	2.16	62	43536	20.892	ug/l	100
5) Bromomethane	2.53	94	33135	20.706	ug/l	100
6) Chloroethane	2.67	64	31787	22.538	ug/l	99
7) Trichlorofluoromethane	2.98	101	48032	19.296	ug/l	97
8) Diethyl Ether	3.37	74	22000	26.290	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	24327	19.050	ug/l	97
10) Methyl Iodide	3.91	142	36178	26.295	ug/l	99
11) Tert butyl alcohol	4.73	59	31930	136.616	ug/l	99
12) 1,1-Dichloroethene	3.70	96	27288	21.326	ug/l	92
13) Acrolein	3.57	56	13444	96.242	ug/l	98
14) Allyl chloride	4.28	41	37747	22.227	ug/l	96
15) Acrylonitrile	4.93	53	82086	141.742	ug/l	99
16) Acetone	3.78	43	67355	135.008	ug/l	97
17) Carbon Disulfide	4.01	76	73821	19.717	ug/l	100
18) Methyl Acetate	4.28	43	40623	28.282	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	112532	26.413	ug/l	100
20) Methylene Chloride	4.50	84	39139	24.080	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	32825	22.334	ug/l	94
22) Diisopropyl ether	5.90	45	100338	25.834	ug/l	94
23) Vinyl Acetate	5.84	43	396722	129.868	ug/l	98
24) 1,1-Dichloroethane	5.80	63	60461	23.780	ug/l	98
25) 2-Butanone	6.79	43	100268	137.752	ug/l	100
26) 2,2-Dichloropropane	6.78	77	36136	16.893	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	41125	24.250	ug/l	96
28) Bromochloromethane	7.15	49	29736	26.267	ug/l	95
29) Tetrahydrofuran	7.17	42	66956	139.774	ug/l	98
30) Chloroform	7.33	83	65334	24.044	ug/l	100
31) Cyclohexane	7.61	56	38606	17.345	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	48381	20.907	ug/l	100
36) 1,1-Dichloropropene	7.75	75	39296	17.868	ug/l	99
37) Ethyl Acetate	6.88	43	44185	25.728	ug/l	98
38) Carbon Tetrachloride	7.73	117	38310	17.590	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	37581	15.869	ug/l	96
40) Benzene	8.00	78	139172	20.890	ug/l	97
41) Methacrylonitrile	7.12	41	16779	22.847	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	52192	22.976	ug/l	99
43) Isopropyl Acetate	8.13	43	69603	24.049	ug/l #	92
44) Trichloroethene	8.80	130	33923	19.348	ug/l	100
45) 1,2-Dichloropropane	9.09	63	37019	22.611	ug/l	99
46) Dibromomethane	9.18	93	26487	22.974	ug/l	99
47) Bromodichloromethane	9.37	83	51559	21.840	ug/l	98
48) Methyl methacrylate	9.17	41	31553	23.973	ug/l	97
49) 1,4-Dioxane	9.17	88	14498	479.771	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	211450	123.632	ug/l	99
52) Toluene	10.12	92	85718	20.487	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	51860	20.693	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	56808	20.869	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	38527	23.404	ug/l	99
56) Ethyl methacrylate	10.40	69	51883	22.338	ug/l	98
57) 1,3-Dichloropropane	10.68	76	63663	22.827	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	97355	112.056	ug/l	98
59) 2-Hexanone	10.72	43	151227	118.147	ug/l	100
60) Dibromochloromethane	10.87	129	40456	22.024	ug/l	99
61) 1,2-Dibromoethane	10.98	107	38730	22.531	ug/l	98
64) Tetrachloroethene	10.60	164	26564	18.830	ug/l	94
65) Chlorobenzene	11.40	112	91818	19.659	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	34614	21.250	ug/l	98
67) Ethyl Benzene	11.48	91	145738	18.611	ug/l	100
68) m/p-Xylenes	11.59	106	112110	37.129	ug/l	98
69) o-Xylene	11.92	106	56536	19.623	ug/l	98
70) Styrene	11.94	104	94246	19.537	ug/l	98
71) Bromoform	12.10	173	27134	22.846	ug/l #	99
73) Isopropylbenzene	12.22	105	137416	20.316	ug/l	99
74) N-amyl acetate	12.04	43	54870	24.092	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	57538	26.165	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	65959	35.297	ug/l #	100
77) Bromobenzene	12.50	156	37290	21.853	ug/l	96
78) n-propylbenzene	12.56	91	150810	19.541	ug/l	100
79) 2-Chlorotoluene	12.65	91	95795	20.667	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	114378	20.440	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	15267	22.283	ug/l	98
82) 4-Chlorotoluene	12.75	91	98884	20.645	ug/l	100
83) tert-Butylbenzene	12.97	119	93910	19.796	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	115015	20.822	ug/l	99
85) sec-Butylbenzene	13.15	105	120619	19.425	ug/l	98
86) p-Isopropyltoluene	13.26	119	106427	19.235	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	60822	19.543	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	62412	19.591	ug/l	97
89) n-Butylbenzene	13.59	91	82123	17.772	ug/l	99
90) Hexachloroethane	13.85	117	19599	19.351	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	63469	21.183	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	8875	24.860	ug/l	99

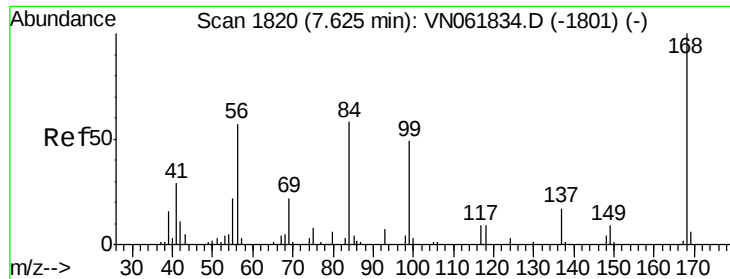
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QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	27589	19.514	ug/l	99
94) Hexachlorobutadiene	14.98	225	10435	18.739	ug/l	95
95) Naphthalene	15.10	128	91113	21.386	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	28495	20.350	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061972.D

Acq: 20 Jun 2020 3:15

Instrument :

MSVOA_N

ClientSampleId :

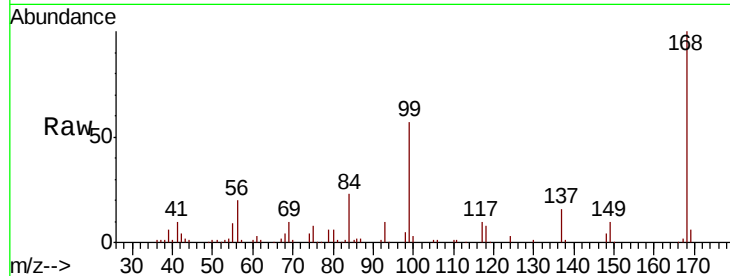
VN0619WBSD02

Tot Ion:168 Resp: 125936

Ion Ratio Lower Upper

168 100

99 56.7 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

60000

50000

40000

30000

20000

10000

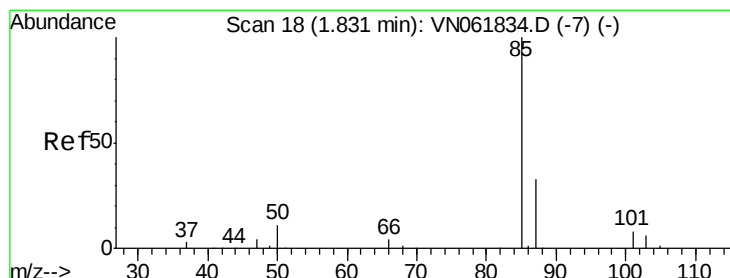
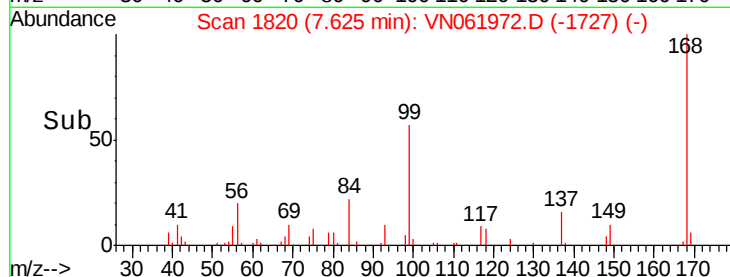
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.153 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061972.D

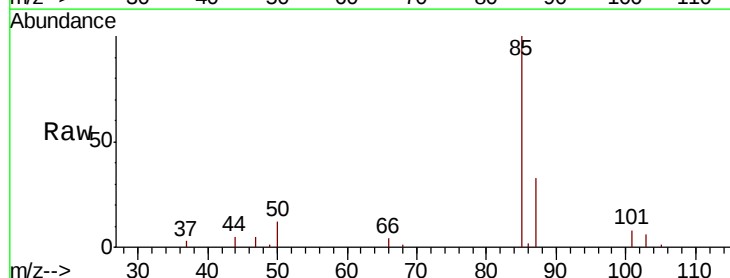
Acq: 20 Jun 2020 3:15

Tgt Ion: 85 Resp: 29440

Ion Ratio Lower Upper

85 100

87 33.2 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

25000

20000

15000

10000

5000

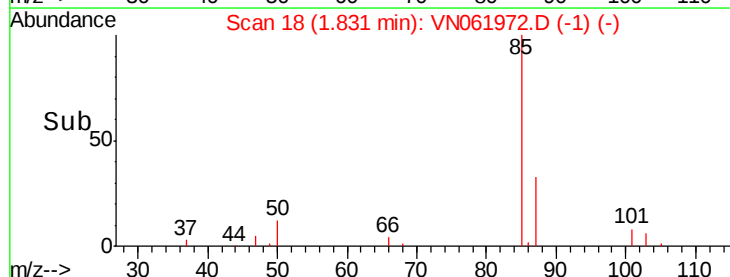
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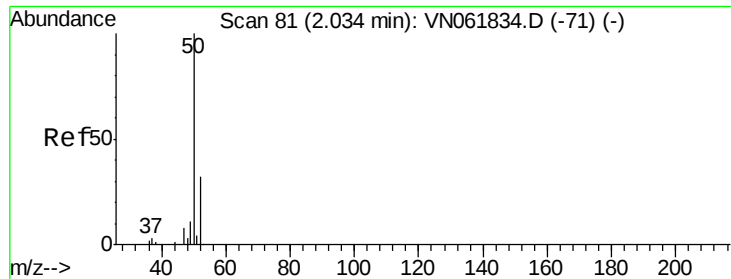
1.80

1.85

1.90

Time-->

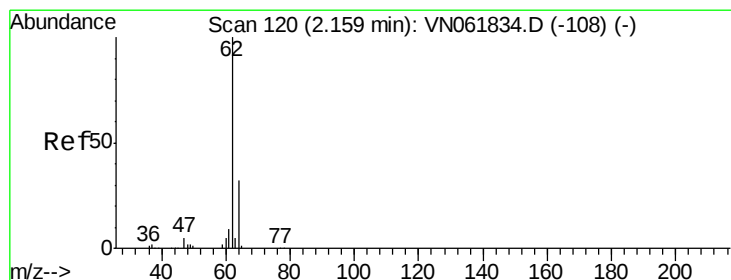
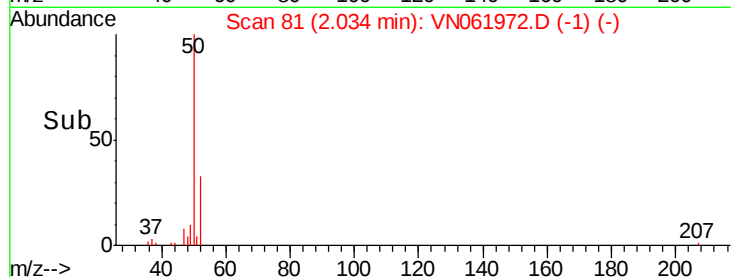
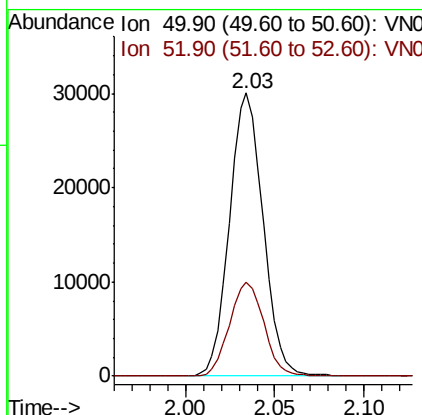
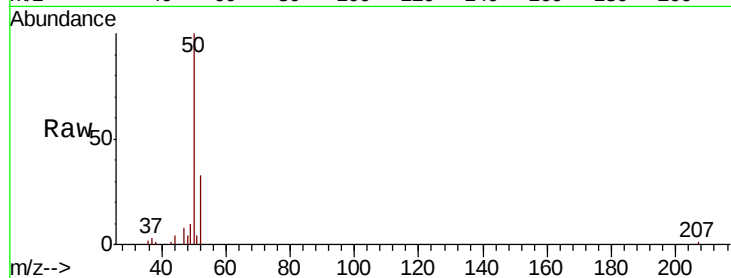




#3
Chloromethane
Concen: 22.560 ug/l
RT: 2.03 min Scan# 81
Delta R.T. 0.00 min
Lab File: VN061972.D
Acq: 20 Jun 2020 3:15

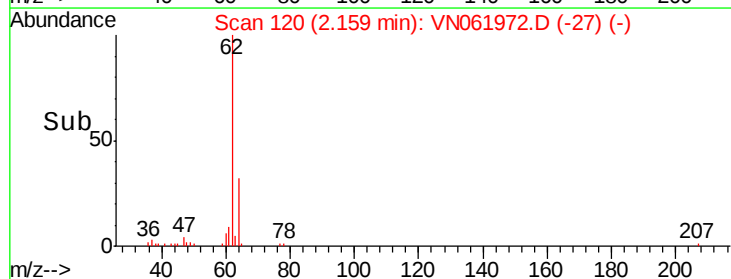
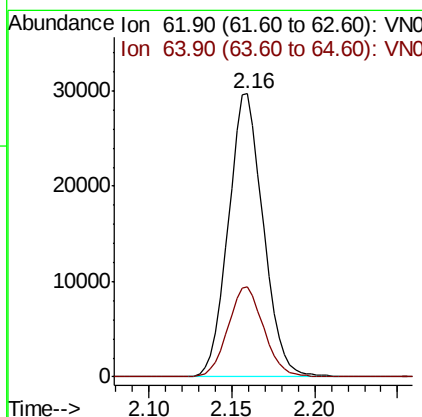
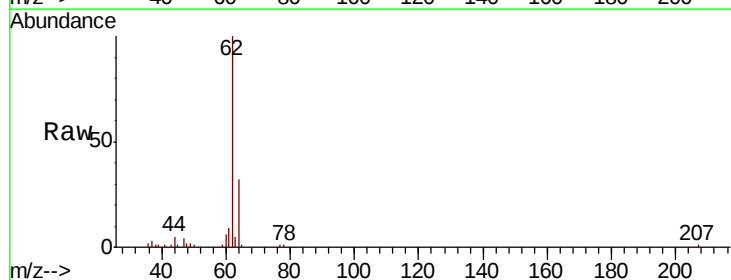
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD02

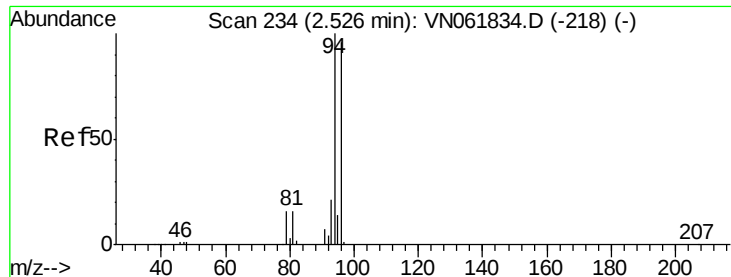
Tot Ion: 50 Resp: 39436
Ion Ratio Lower Upper
50 100
52 33.3 26.0 39.0



#4
Vinyl Chloride
Concen: 20.892 ug/l
RT: 2.16 min Scan# 120
Delta R.T. 0.00 min
Lab File: VN061972.D
Acq: 20 Jun 2020 3:15

Tgt Ion: 62 Resp: 43536
Ion Ratio Lower Upper
62 100
64 31.8 25.5 38.3





#5

Bromomethane

Concen: 20.706 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.00 min

Lab File: VN061972.D

Acq: 20 Jun 2020 3:15

Instrument :

MSVOA_N

ClientSampleId :

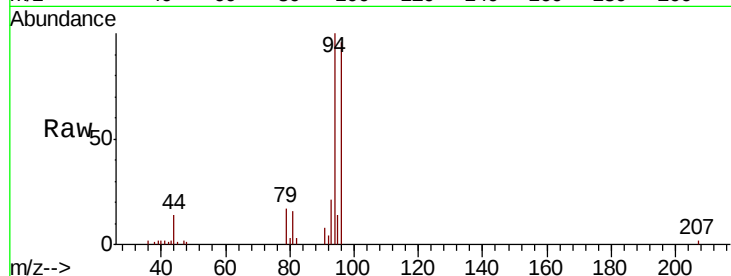
VN0619WBSD02

Tot Ion: 94 Resp: 33135

Ion Ratio Lower Upper

94 100

96 96.2 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VN061834.D (-218) (-)

Ion 95.90 (95.60 to 96.60): VN061834.D (-218) (-)

2.53

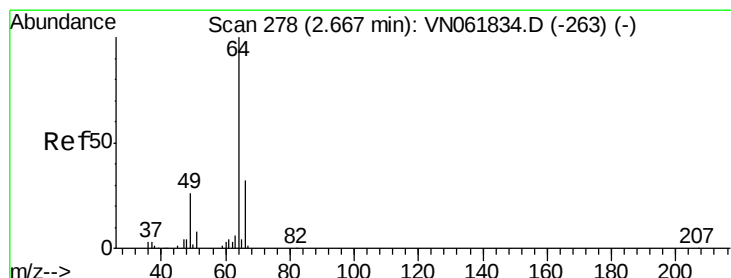
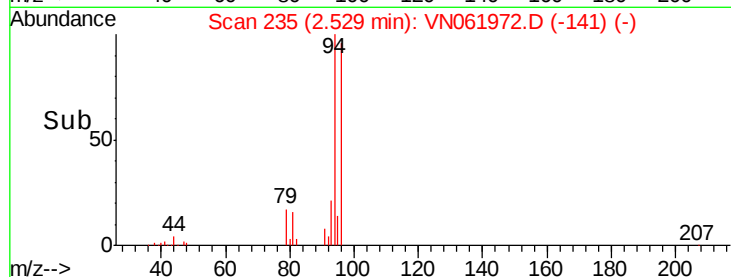
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 22.538 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN061972.D

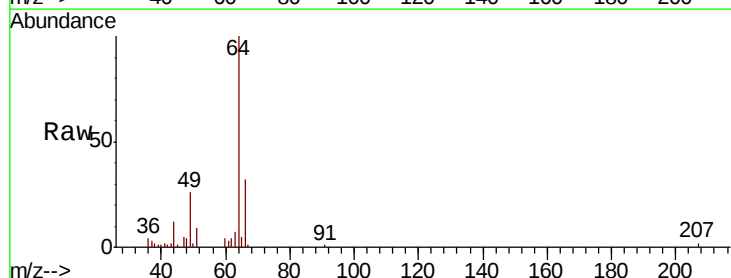
Acq: 20 Jun 2020 3:15

Tgt Ion: 64 Resp: 31787

Ion Ratio Lower Upper

64 100

66 32.5 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN061834.D (-263) (-)

Ion 65.90 (65.60 to 66.60): VN061834.D (-263) (-)

2.67

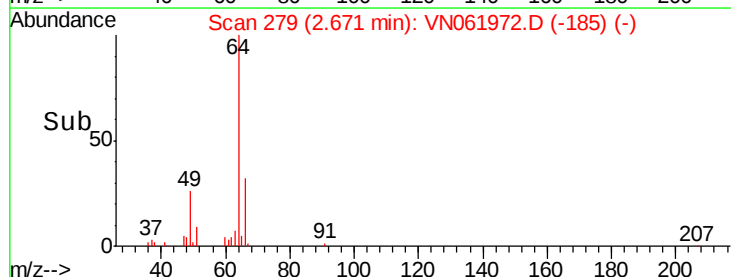
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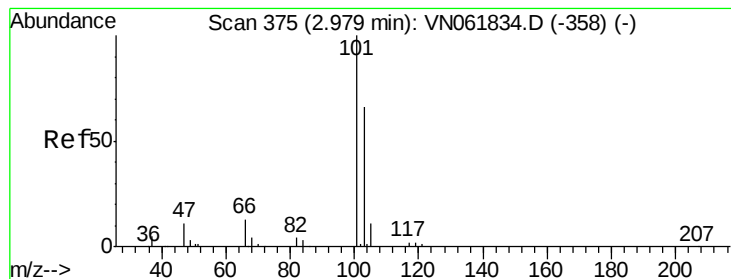
10000

5000

0

Time-->



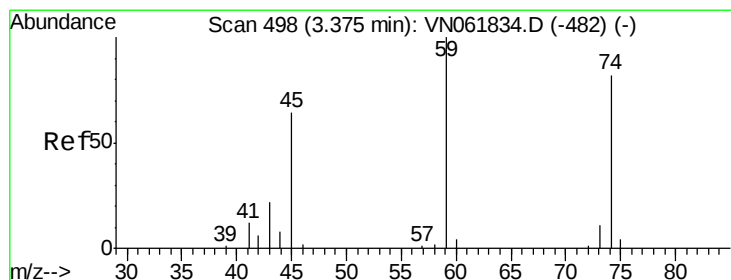
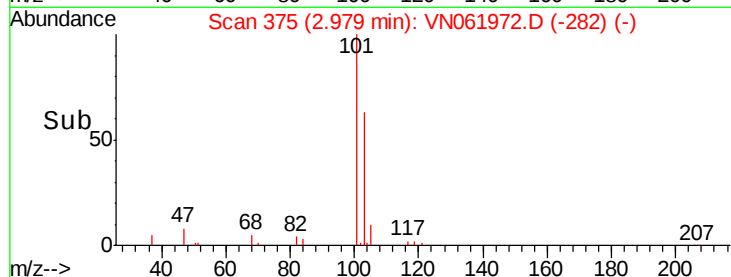
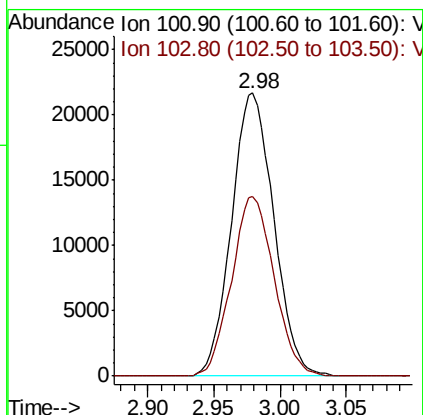
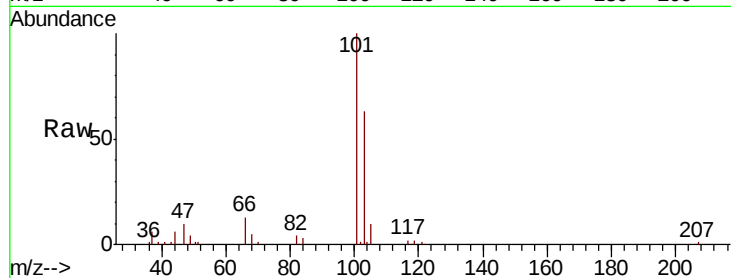


#7

Trichlorofluoromethane
 Concen: 19.296 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN061972.D
 Acq: 20 Jun 2020 3:15

Instrument :
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 ClientSampleId :
 VN0619WBSD02

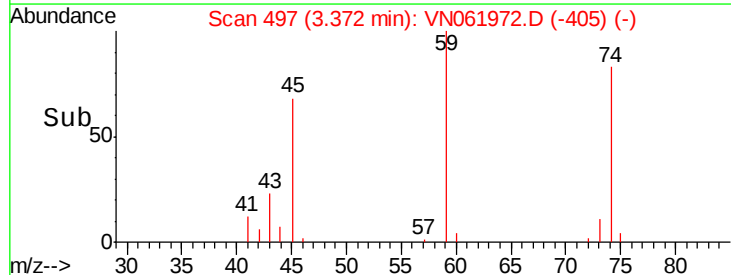
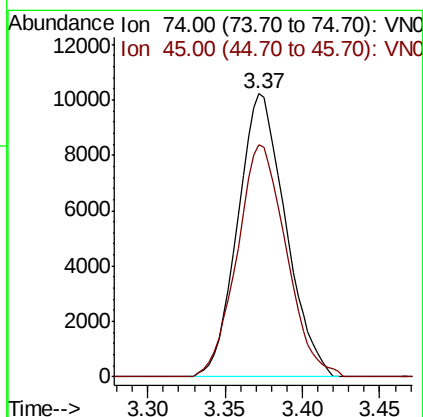
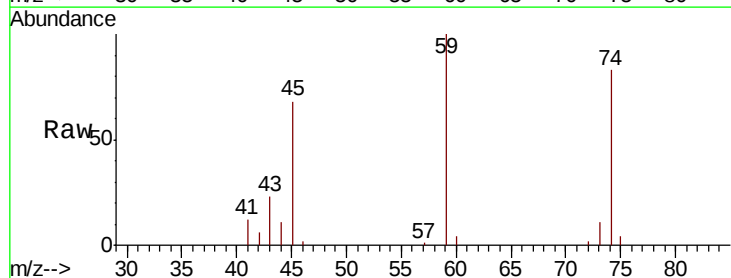
Tot Ion:101 Resp: 48032
 Ion Ratio Lower Upper
 101 100
 103 63.3 52.8 79.2

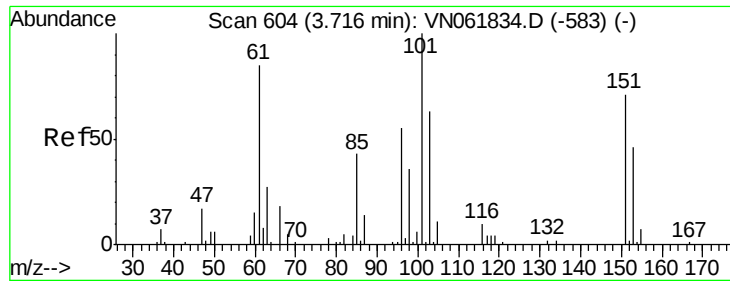


#8

Diethyl Ether
 Concen: 26.290 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN061972.D
 Acq: 20 Jun 2020 3:15

Tgt Ion: 74 Resp: 22000
 Ion Ratio Lower Upper
 74 100
 45 84.0 39.1 117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.050 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN061972.D

Acq: 20 Jun 2020 3:15

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD02

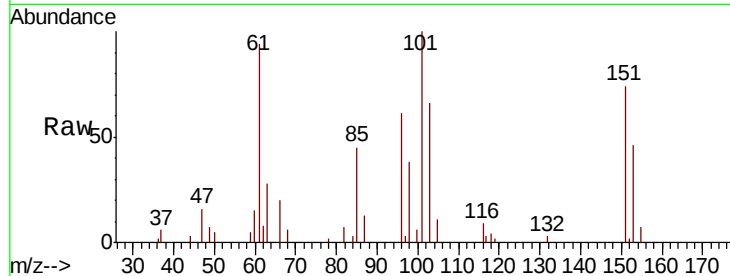
Tot Ion:101 Resp: 24327

Ion Ratio Lower Upper

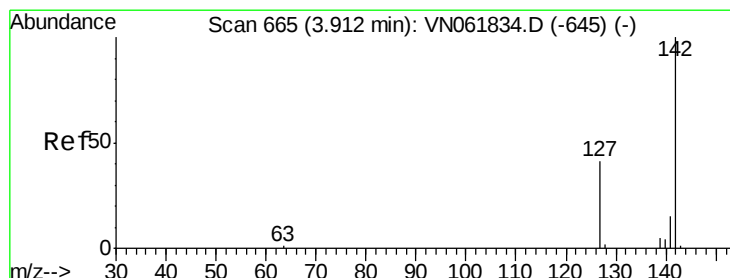
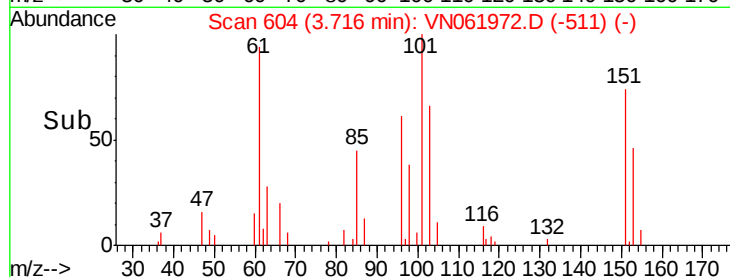
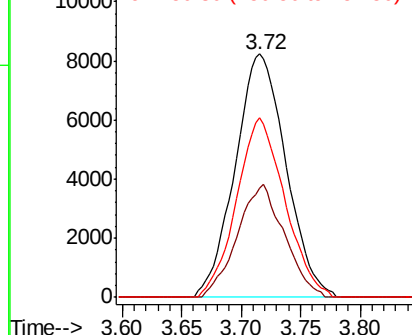
101 100

85 43.0 35.0 52.6

151 70.2 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VN
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 26.295 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN061972.D

Acq: 20 Jun 2020 3:15

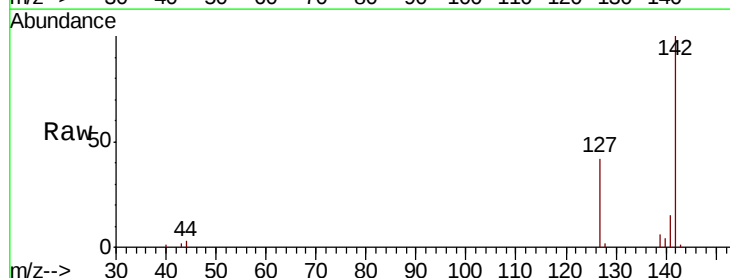
Tgt Ion:142 Resp: 36178

Ion Ratio Lower Upper

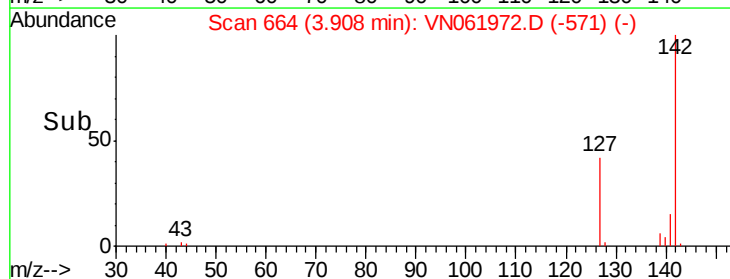
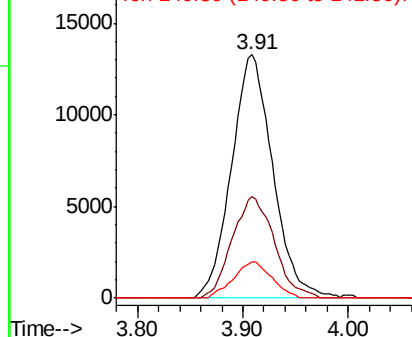
142 100

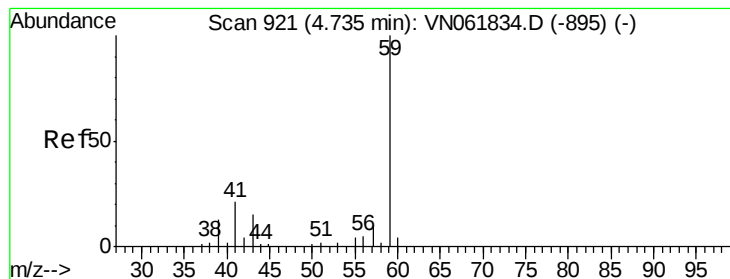
127 42.3 33.4 50.0

141 13.9 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



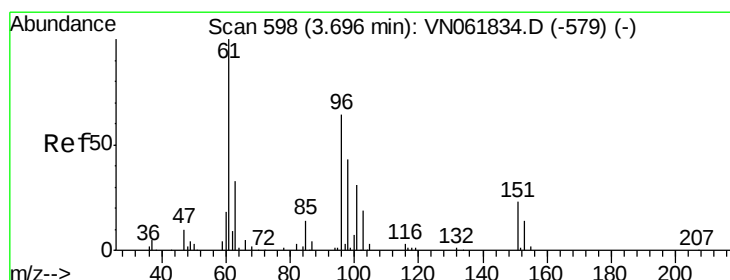
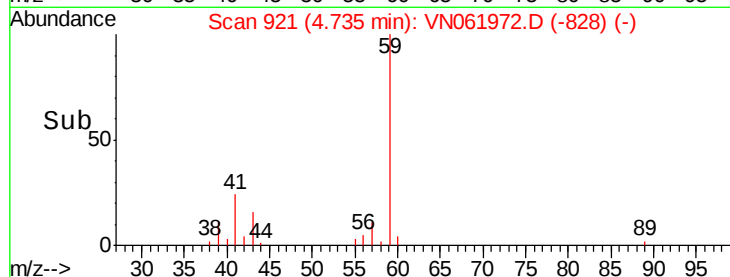
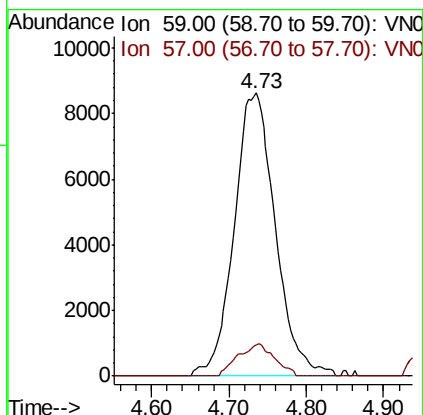
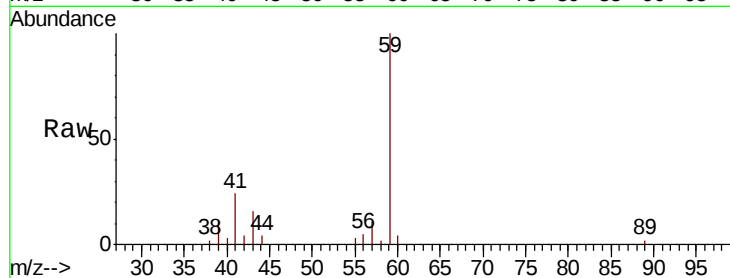


#11

Tert butyl alcohol
 Concen: 136.616 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VN061972.D
 Acq: 20 Jun 2020 3:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD02

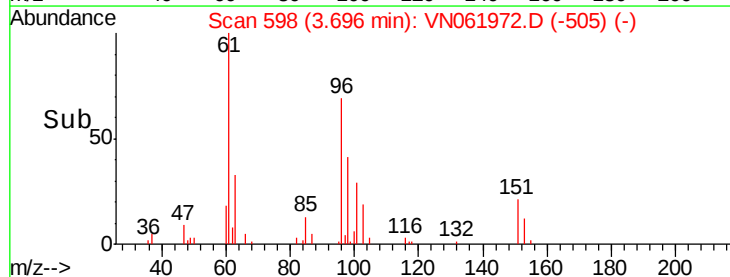
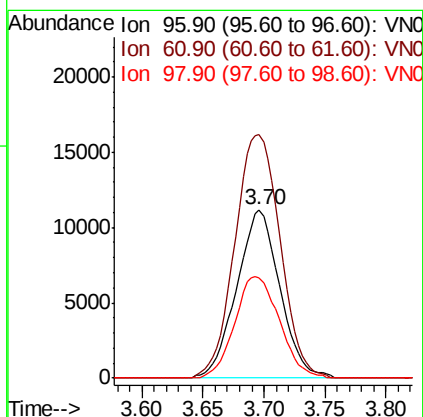
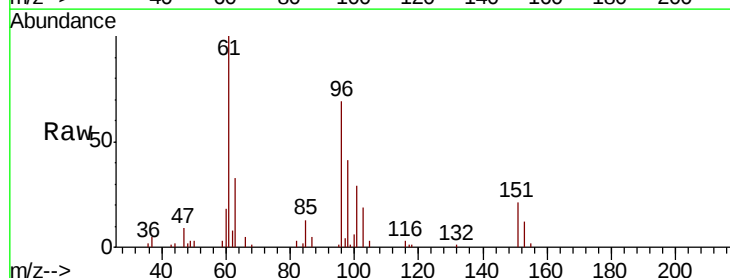
Tot Ion: 59 Resp: 31930
 Ion Ratio Lower Upper
 59 100
 57 10.1 7.7 11.5

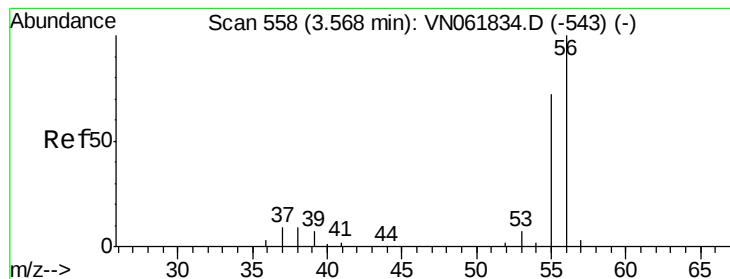


#12

1,1-Dichloroethene
 Concen: 21.326 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN061972.D
 Acq: 20 Jun 2020 3:15

Tgt Ion: 96 Resp: 27288
 Ion Ratio Lower Upper
 96 100
 61 144.5 124.3 186.5
 98 59.6 53.1 79.7





#13

Acrolein

Concen: 96.242 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.00 min

Lab File: VN061972.D

Acq: 20 Jun 2020 3:15

Instrument :

MSVOA_N

ClientSampleId :

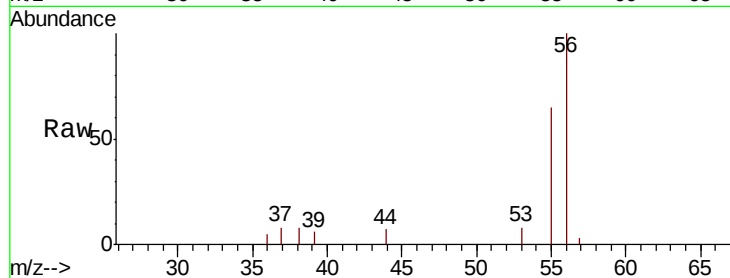
VN0619WBSD02

Tot Ion: 56 Resp: 13444

Ion Ratio Lower Upper

56 100

55 68.3 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

6000

5000

4000

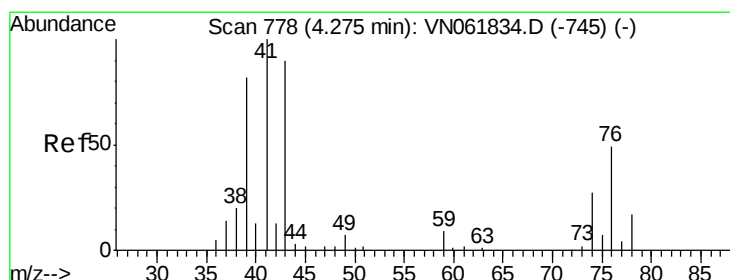
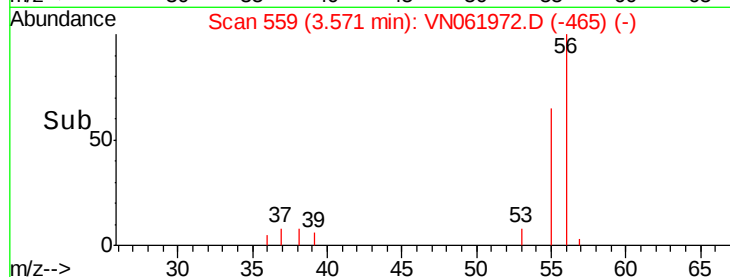
3000

2000

1000

0

Time-->



#14

Allyl chloride

Concen: 22.227 ug/l

RT: 4.28 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061972.D

Acq: 20 Jun 2020 3:15

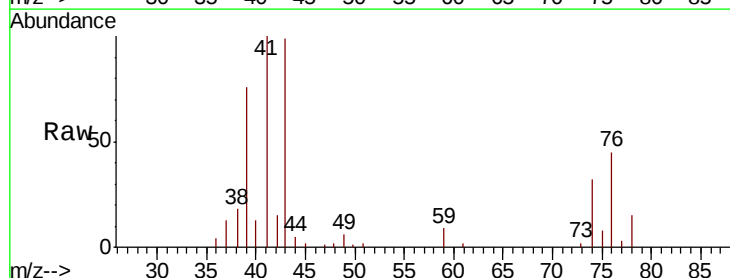
Tgt Ion: 41 Resp: 37747

Ion Ratio Lower Upper

41 100

39 80.4 60.2 90.2

76 44.9 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) (-)

4.28

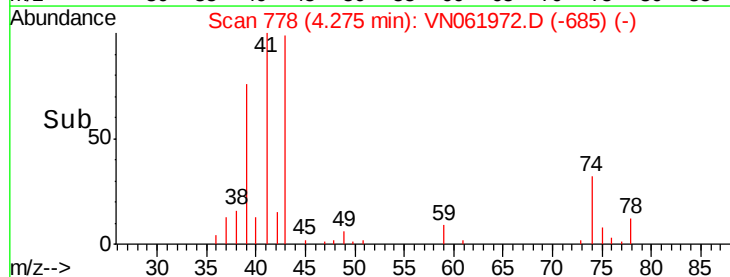
15000

10000

5000

0

Time-->





#15

Acrylonitrile

Concen: 141.742 ug/l

RT: 4.93 min Scan# 981

Delta R.T. 0.00 min

Lab File: VN061972.D

Acq: 20 Jun 2020 3:15

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD02

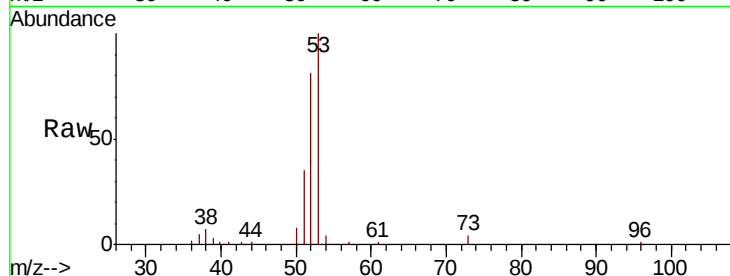
Tot Ion: 53 Resp: 82086

Ion Ratio Lower Upper

53 100

52 82.3 65.2 97.8

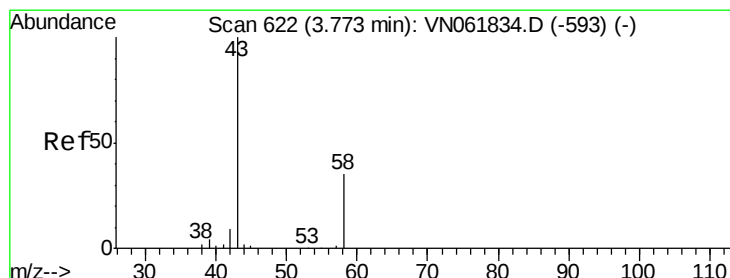
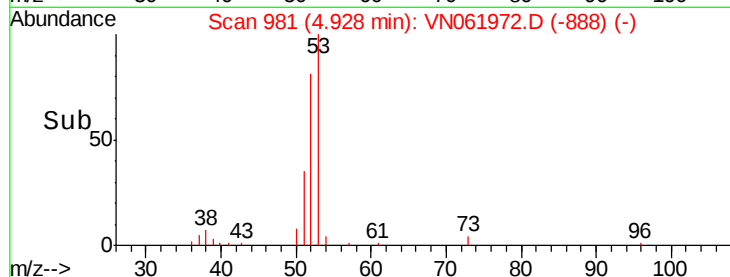
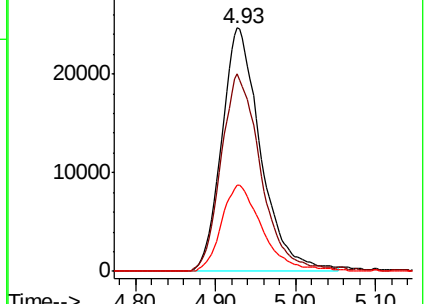
51 36.3 29.3 43.9



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: 135.008 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061972.D

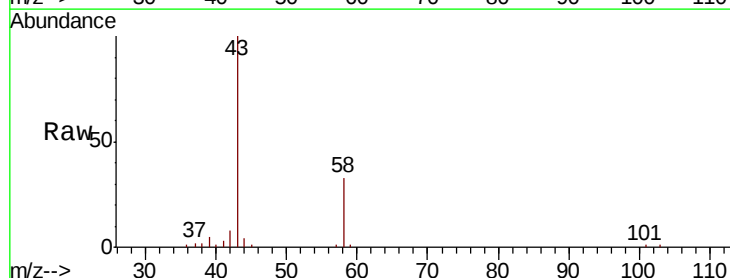
Acq: 20 Jun 2020 3:15

Tgt Ion: 43 Resp: 67355

Ion Ratio Lower Upper

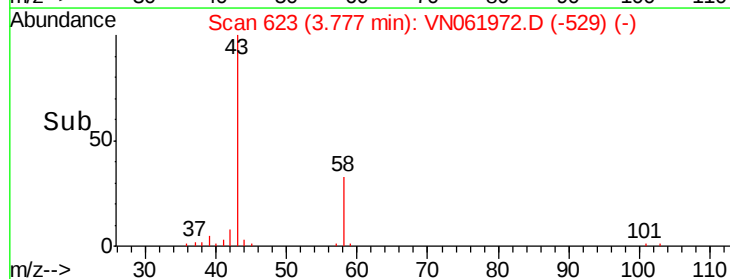
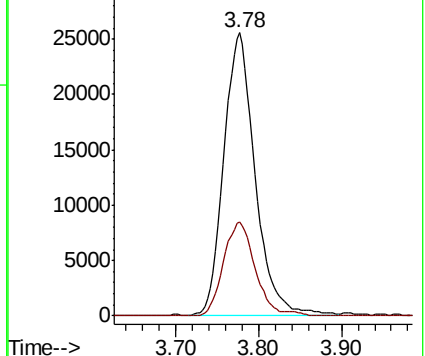
43 100

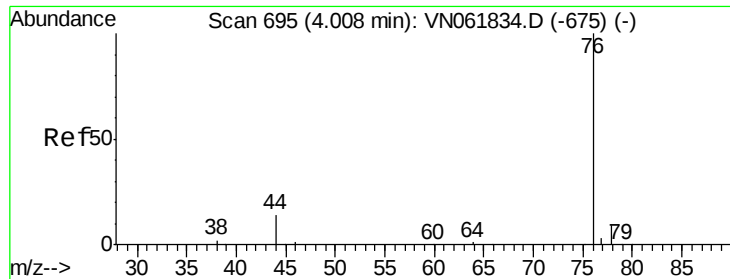
58 33.1 27.8 41.8



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

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

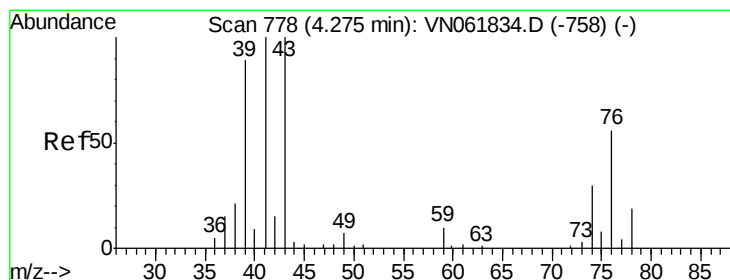
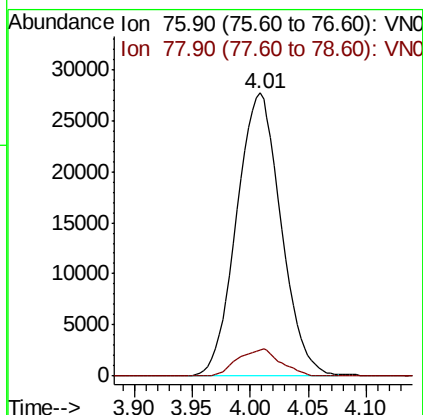
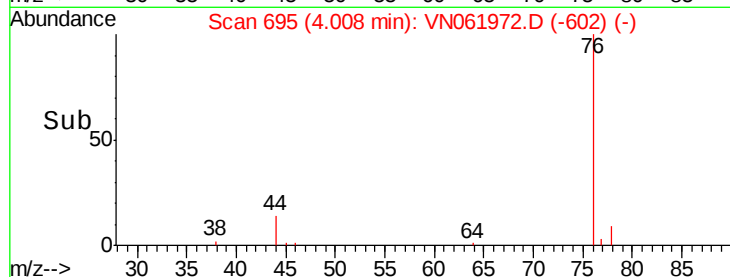
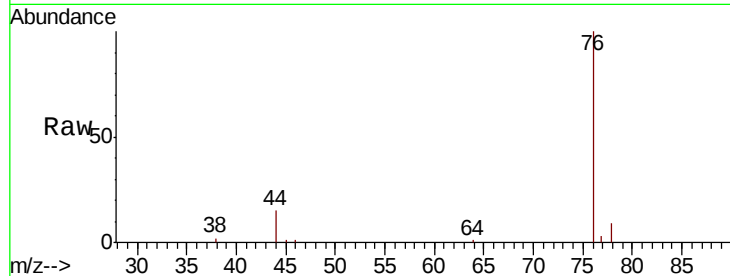




#17
Carbon Disulfide
Concen: 19.717 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN061972.D
Acq: 20 Jun 2020 3:15

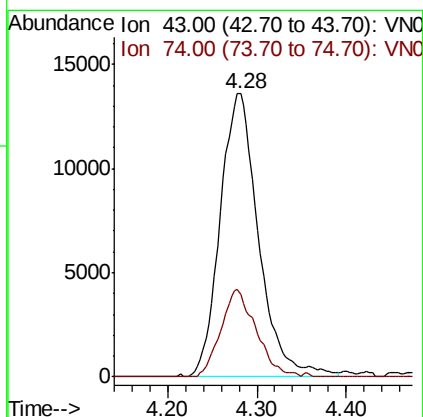
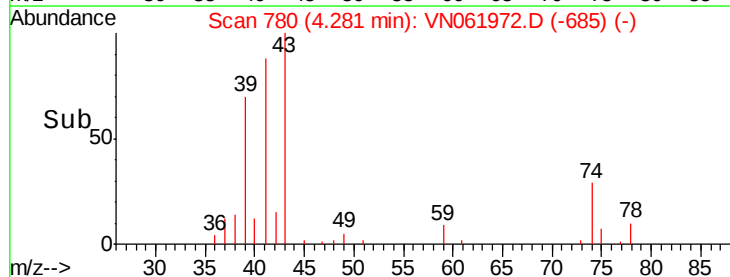
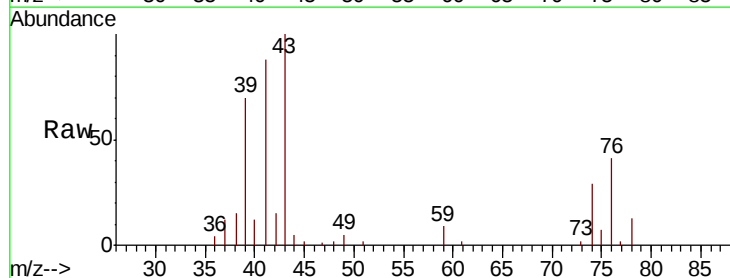
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD02

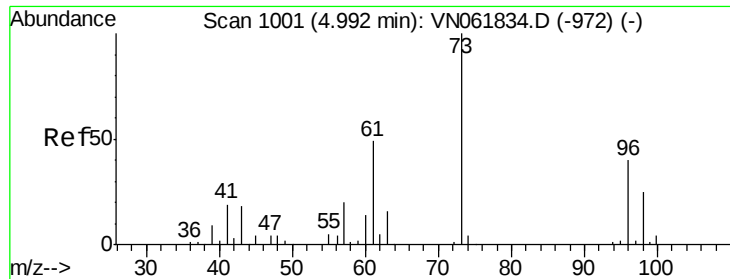
Tot Ion: 76 Resp: 73821
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 28.282 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.01 min
Lab File: VN061972.D
Acq: 20 Jun 2020 3:15

Tgt Ion: 43 Resp: 40623
Ion Ratio Lower Upper
43 100
74 28.3 23.0 34.4

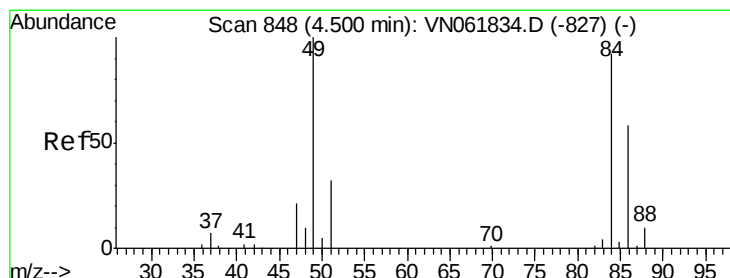
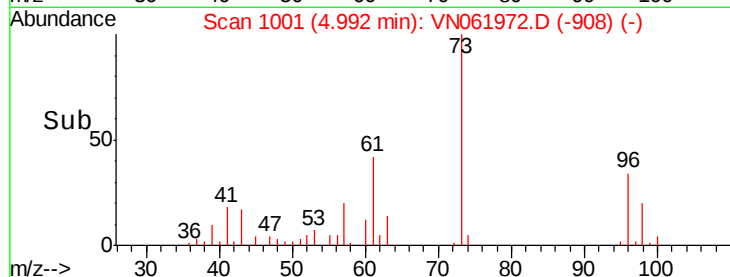
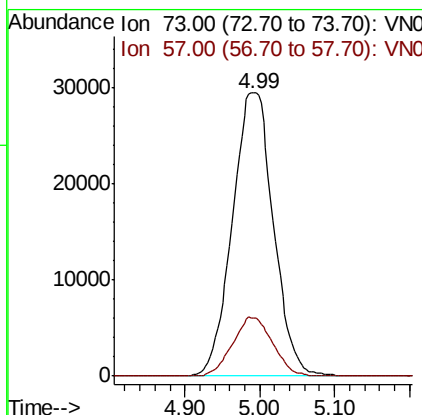
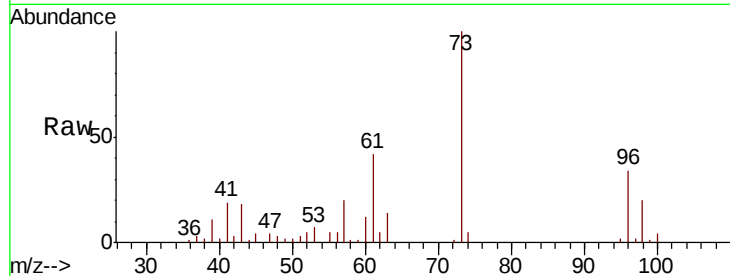




#19
Methvl tert-butvl Ether
Concen: 26.413 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN061972.D
Acq: 20 Jun 2020 3:15

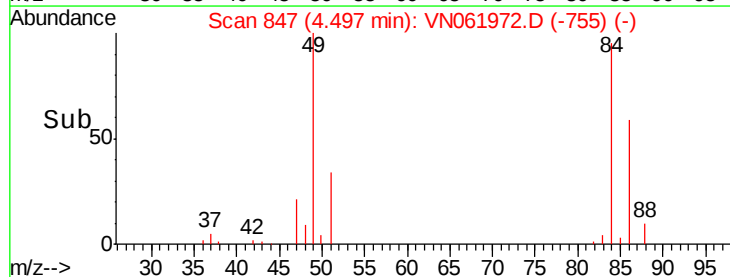
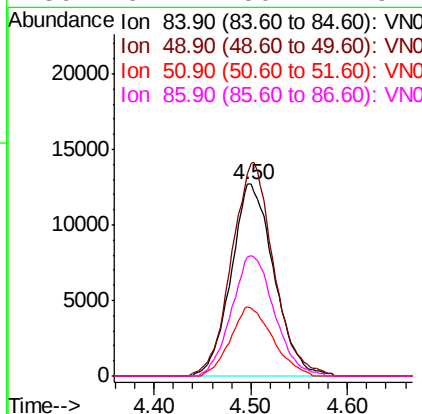
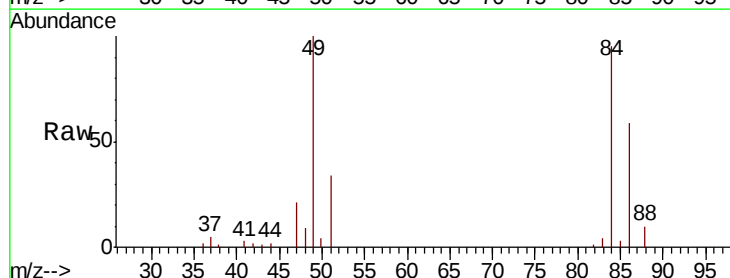
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD02

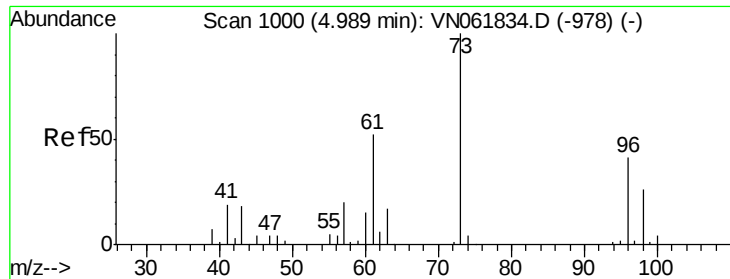
Tot Ion: 73 Resp: 112532
Ion Ratio Lower Upper
73 100
57 20.4 16.2 24.4



#20
Methylene Chloride
Concen: 24.080 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN061972.D
Acq: 20 Jun 2020 3:15

Tgt Ion: 84 Resp: 39139
Ion Ratio Lower Upper
84 100
49 105.6 87.0 130.4
51 36.3 27.8 41.6
86 62.4 50.2 75.2

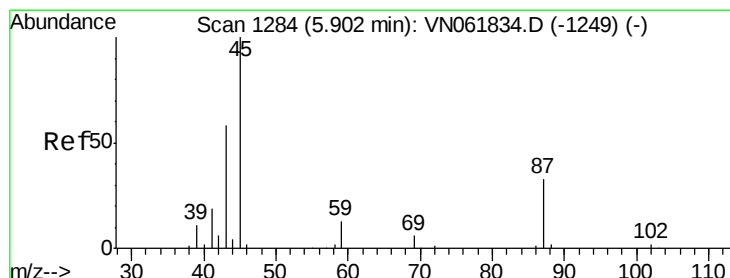
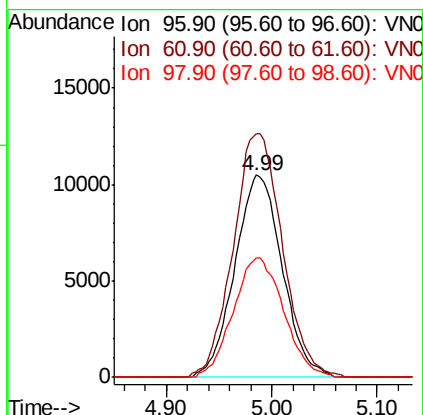
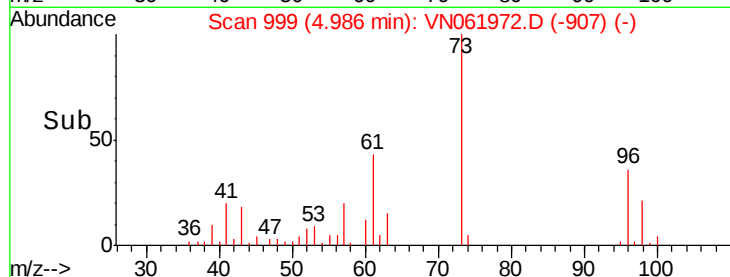
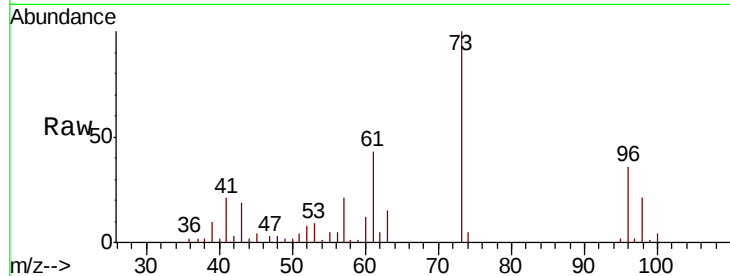




#21
trans-1,2-Dichloroethene
Concen: 22.334 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061972.D
Acq: 20 Jun 2020 3:15

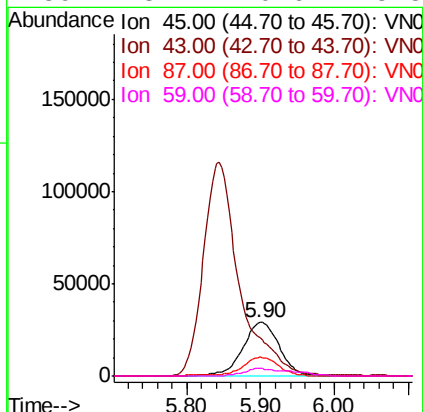
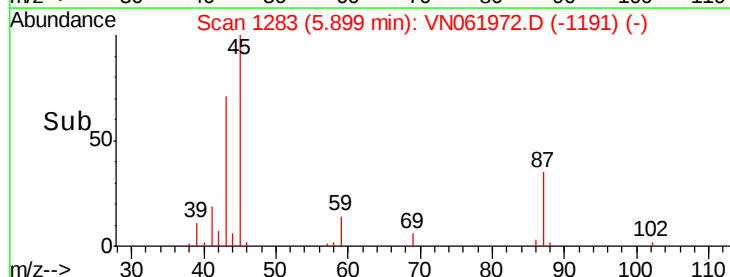
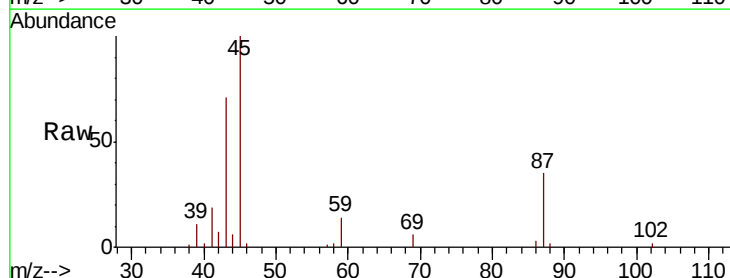
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD02

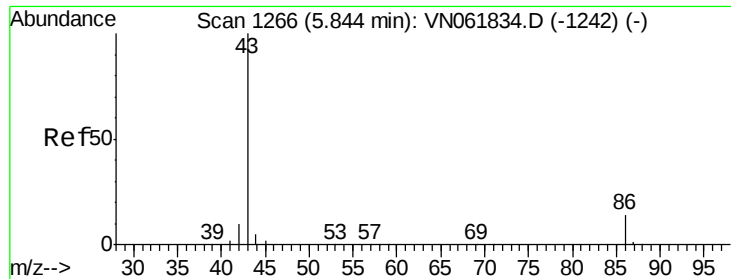
Tot Ion: 96 Resp: 32825
Ion Ratio Lower Upper
96 100
61 120.3 102.2 153.4
98 59.2 51.2 76.8



#22
Diisopropyl ether
Concen: 25.834 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN061972.D
Acq: 20 Jun 2020 3:15

Tgt Ion: 45 Resp: 100338
Ion Ratio Lower Upper
45 100
43 68.6 49.4 74.2
87 35.1 27.4 41.0
59 13.7 10.6 15.8





#23

Vinyl Acetate

Concen: 129.868 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN061972.D

Acq: 20 Jun 2020 3:15

Instrument :

MSVOA_N

ClientSampleID :

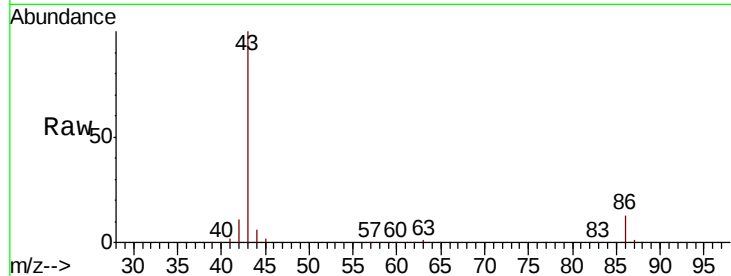
VN0619WBSD02

Tot Ion: 43 Resp: 396722

Ion Ratio Lower Upper

43 100

86 13.0 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1242) (-)

Ion 86.00 (85.70 to 86.70): VN061834.D (-1242) (-)

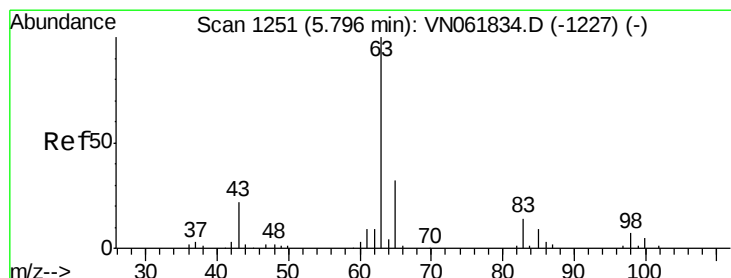
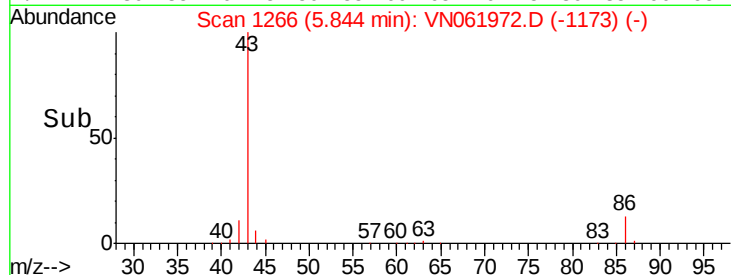
5.84

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 23.780 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN061972.D

Acq: 20 Jun 2020 3:15

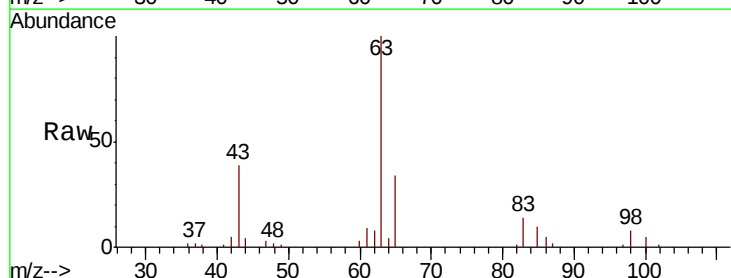
Tgt Ion: 63 Resp: 60461

Ion Ratio Lower Upper

63 100

98 8.3 3.5 10.4

100 4.9 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VN061834.D (-1227) (-)

Ion 97.90 (97.60 to 98.60): VN061834.D (-1227) (-)

Ion 99.90 (99.60 to 100.60): VN061834.D (-1227) (-)

5.80

25000

20000

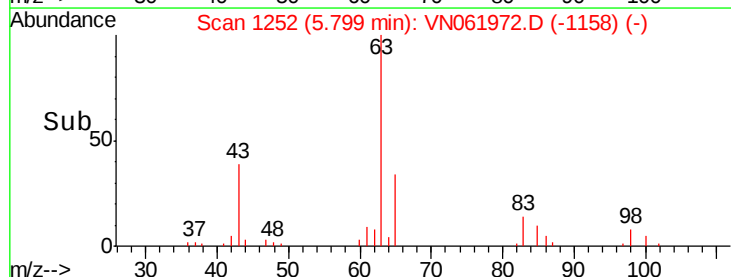
15000

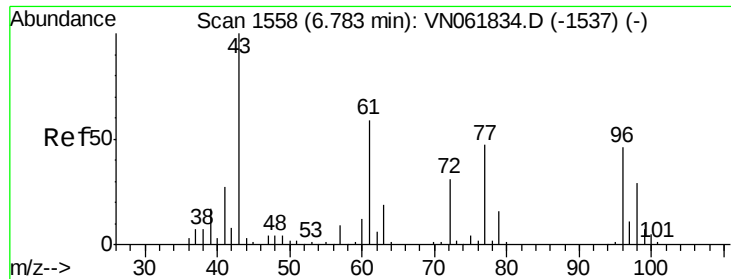
10000

5000

0

Time-->

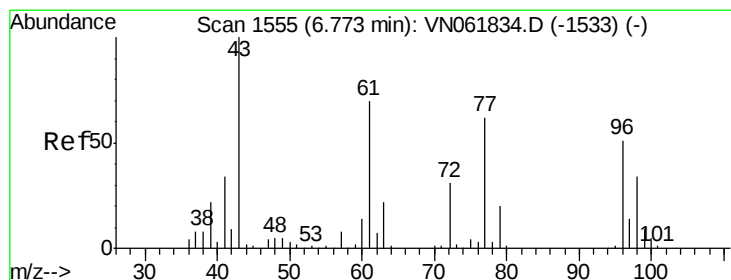
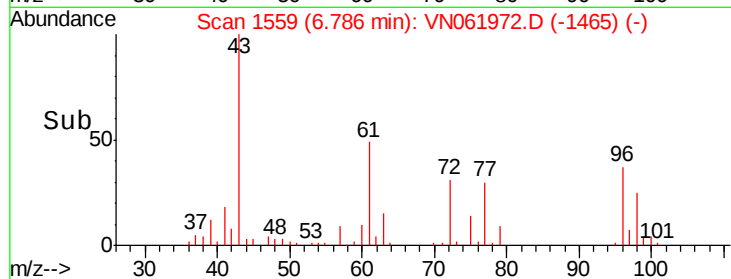
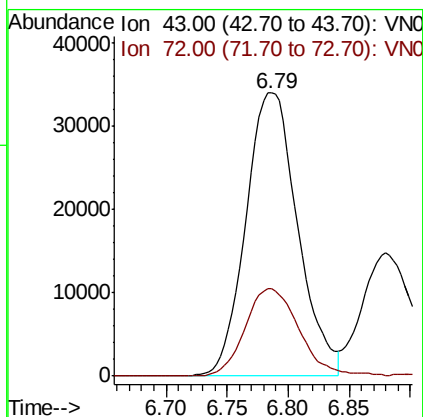
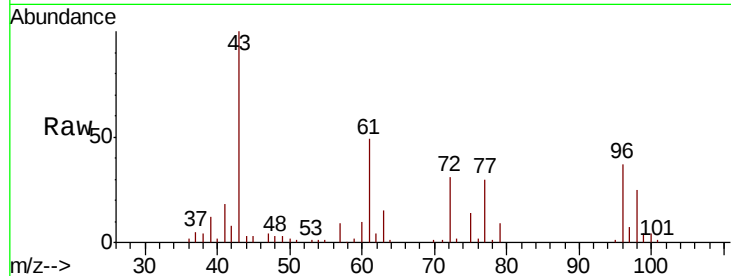




#25
2-Butanone
Concen: 137.752 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN061972.D
Acq: 20 Jun 2020 3:15

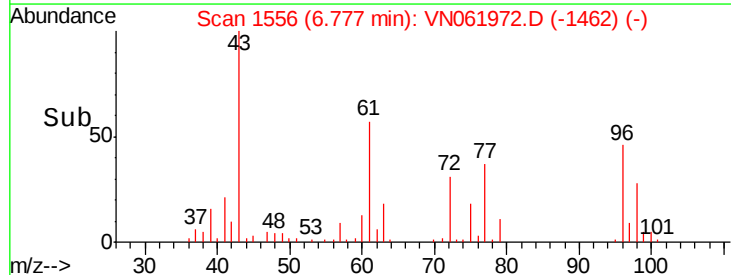
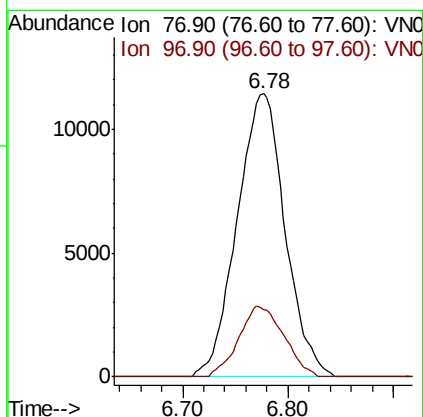
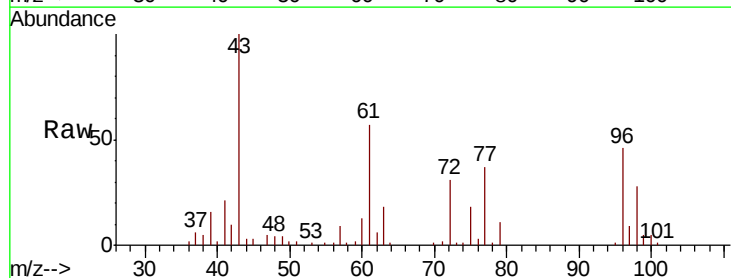
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD02

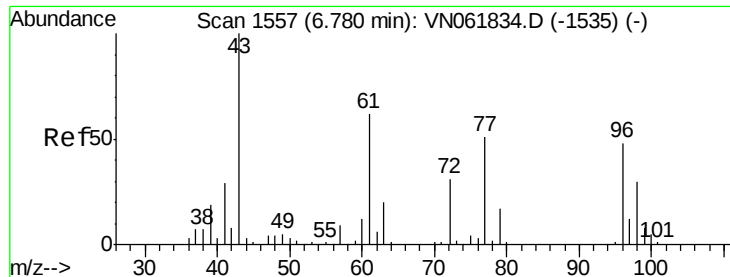
Tot Ion: 43 Resp: 100268
Ion Ratio Lower Upper
43 100
72 31.0 24.6 37.0



#26
2,2-Dichloropropane
Concen: 16.893 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN061972.D
Acq: 20 Jun 2020 3:15

Tgt Ion: 77 Resp: 36136
Ion Ratio Lower Upper
77 100
97 23.5 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 24.250 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN061972.D

Acq: 20 Jun 2020 3:15

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD02

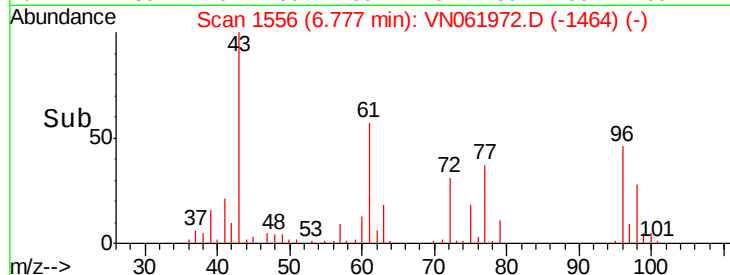
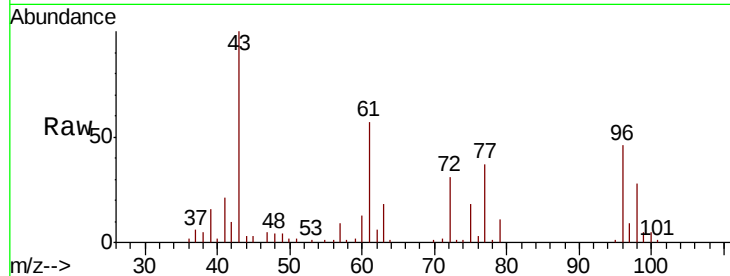
Tot Ion: 96 Resp: 41125

Ion Ratio Lower Upper

96 100

61 126.6 0.0 265.6

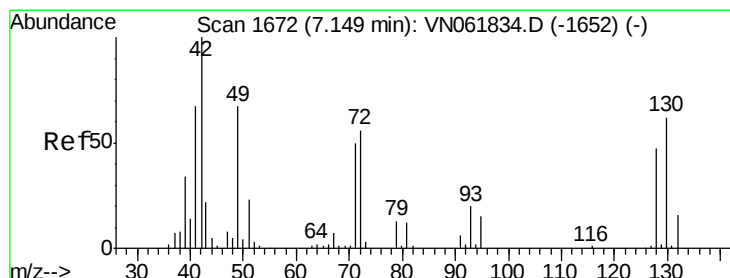
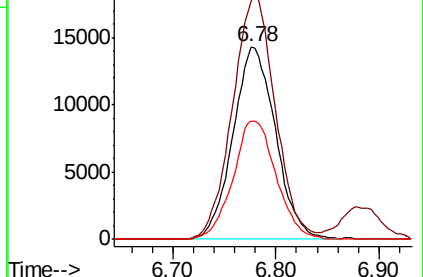
98 62.3 0.0 128.2



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: 26.267 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN061972.D

Acq: 20 Jun 2020 3:15

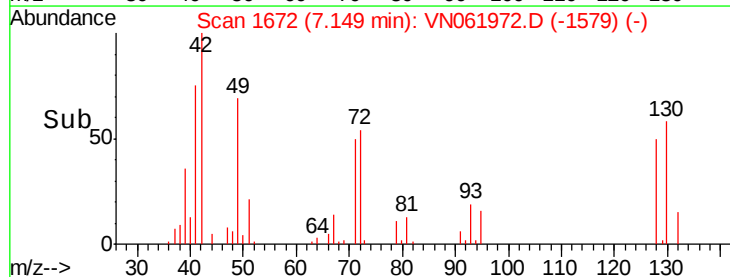
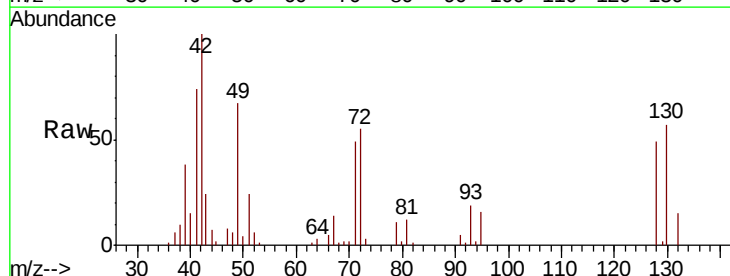
Tgt Ion: 49 Resp: 29736

Ion Ratio Lower Upper

49 100

129 1.5 0.0 4.0

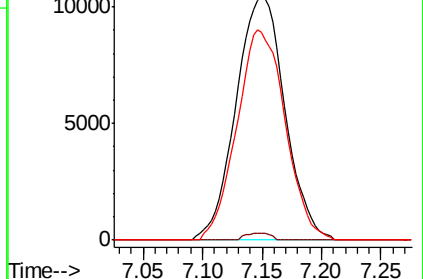
130 85.2 72.2 108.2

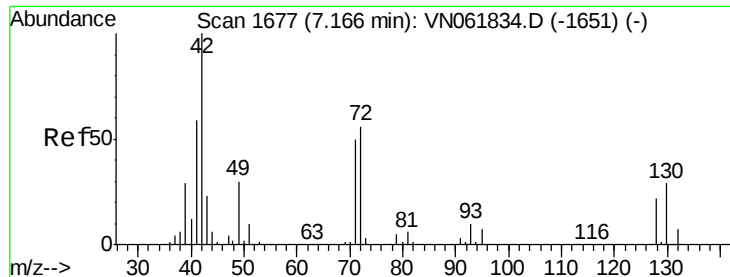


Abundance Ion 48.90 (48.60 to 49.60): VN061834.D (-1652) (-)

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

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

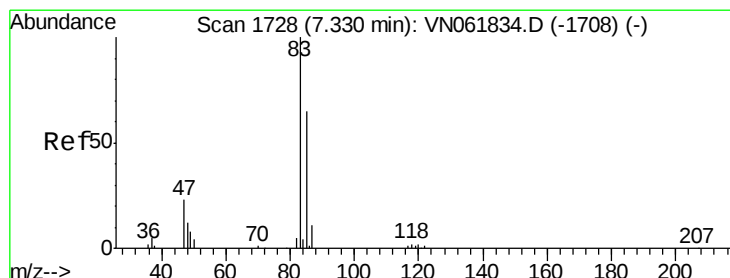
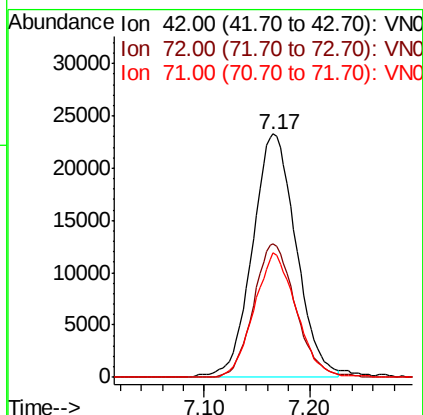
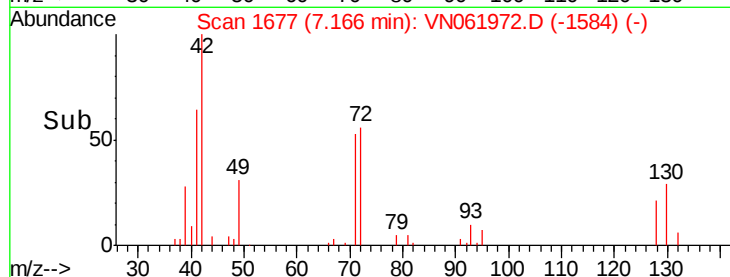
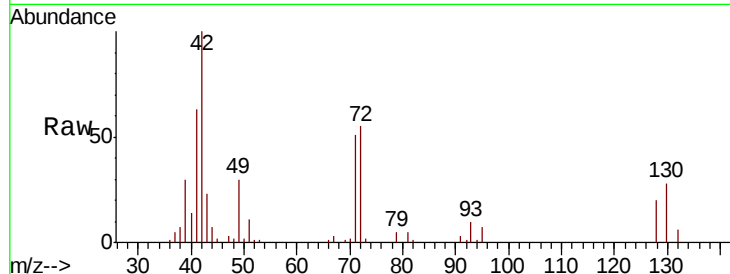




#29
Tetrahydrofuran
Concen: 139.774 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN061972.D
Acq: 20 Jun 2020 3:15

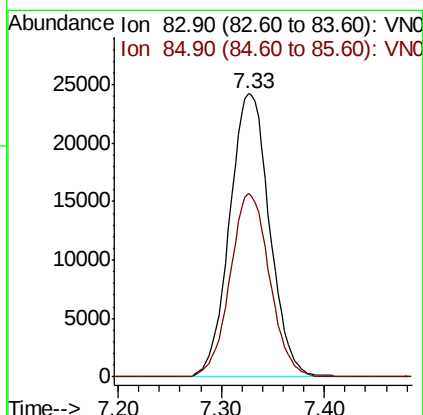
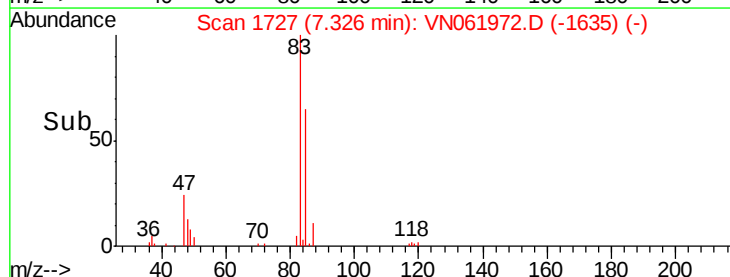
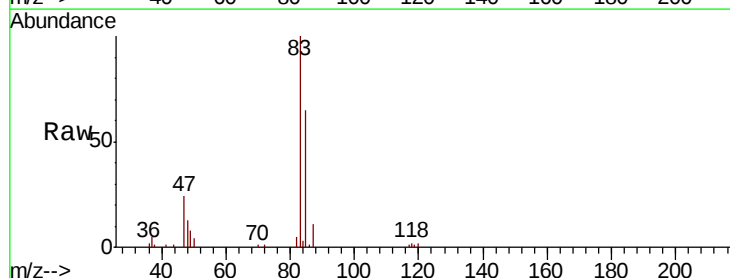
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD02

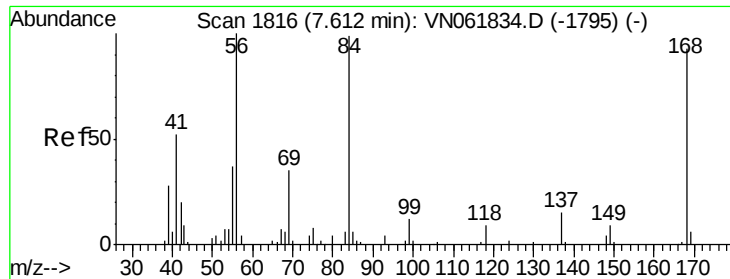
Tot Ion	Ratio	Lower	Upper
42	100		
72	52.8	44.0	66.0
71	49.1	40.0	60.0



#30
Chloroform
Concen: 24.044 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061972.D
Acq: 20 Jun 2020 3:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.0	78.0

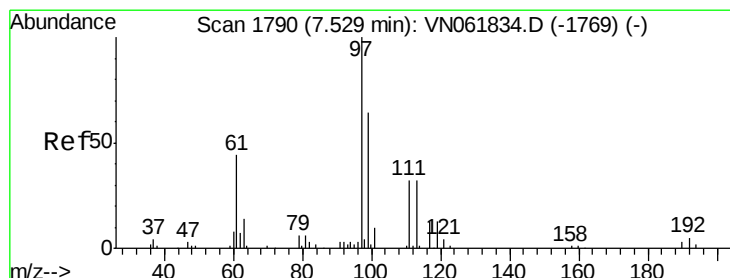
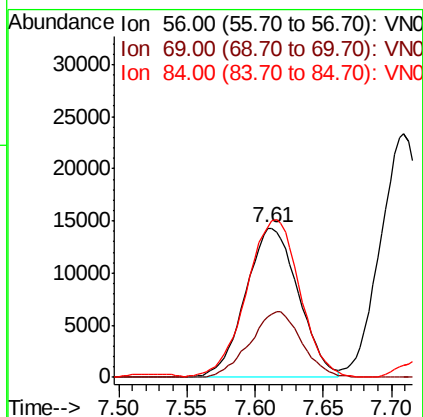
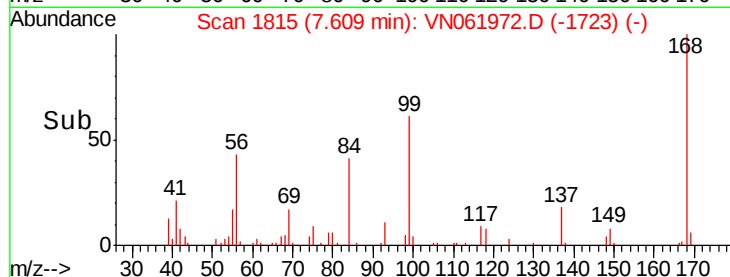
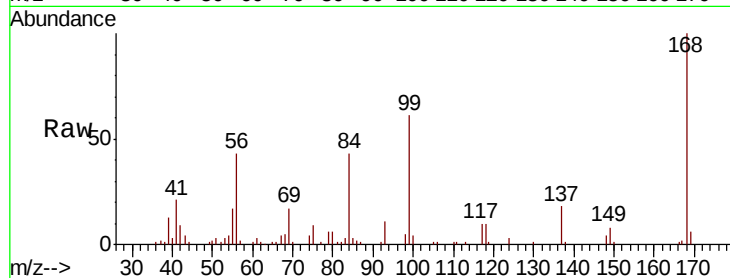




#31
Cyclohexane
Concen: 17.345 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.00 min
Lab File: VN061972.D
Acq: 20 Jun 2020 3:15

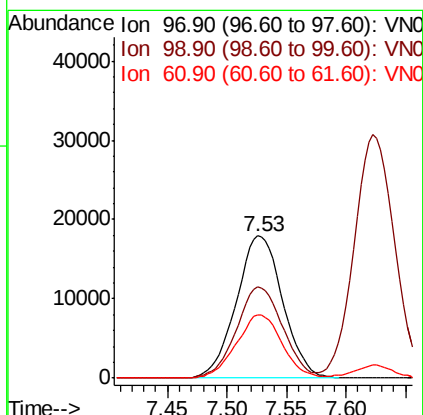
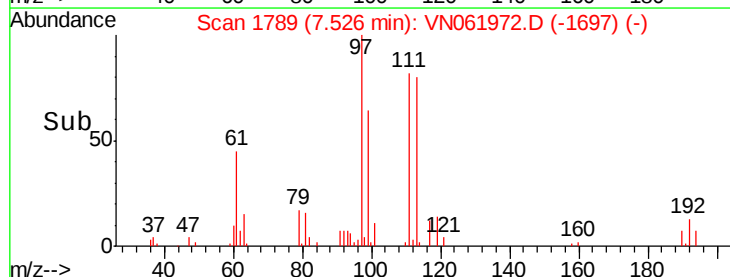
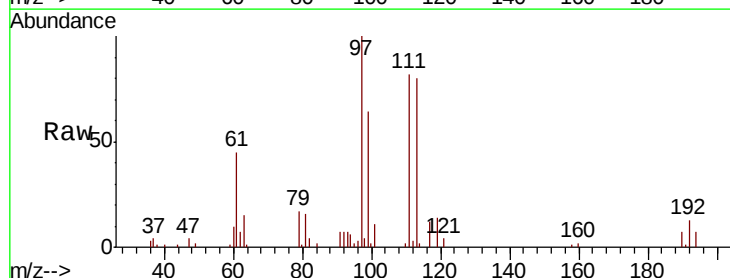
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD02

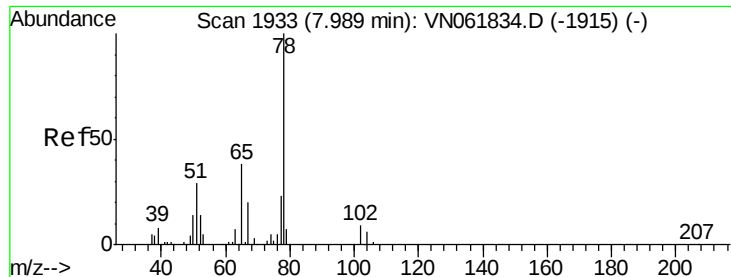
Tot Ion: 56 Resp: 38606
Ion Ratio Lower Upper
56 100
69 40.2 27.7 41.5
84 99.5 79.1 118.7



#32
1,1,1-Trichloroethane
Concen: 20.907 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN061972.D
Acq: 20 Jun 2020 3:15

Tgt Ion: 97 Resp: 48381
Ion Ratio Lower Upper
97 100
99 63.9 51.5 77.3
61 43.9 35.1 52.7

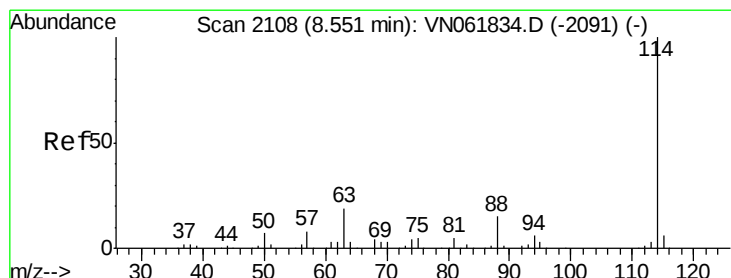
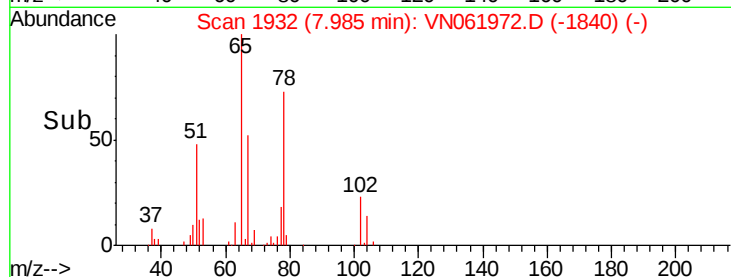
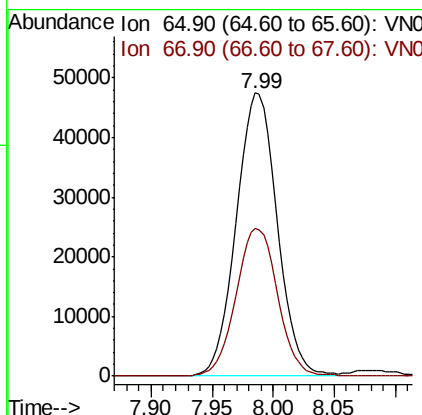
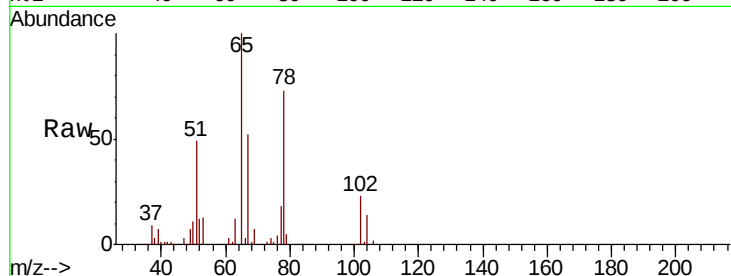




#33
 1,2-Dichloroethane-d4
 Concen: 65.255 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061972.D
 Acq: 20 Jun 2020 3:15

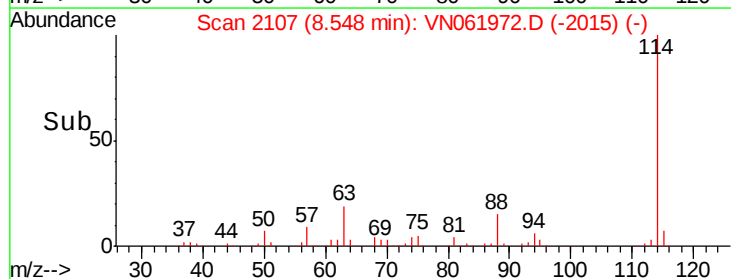
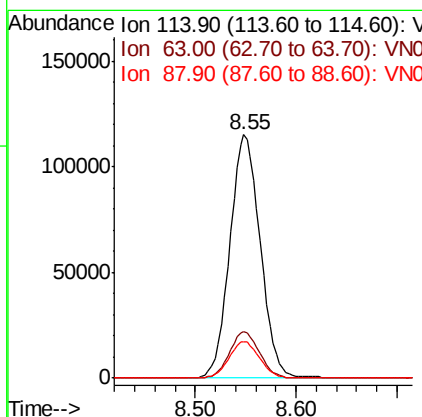
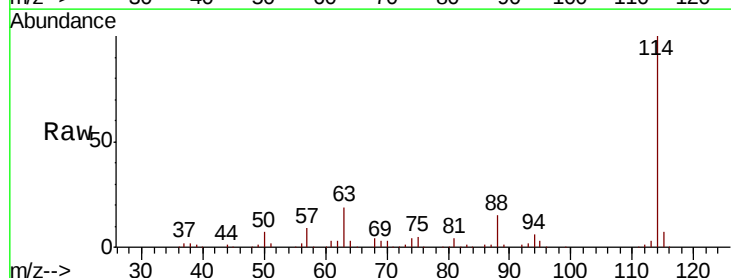
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD02

Tot Ion: 65 Resp: 110215
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061972.D
 Acq: 20 Jun 2020 3:15

Tgt Ion: 114 Resp: 241120
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.6
 88 15.1 0.0 31.0

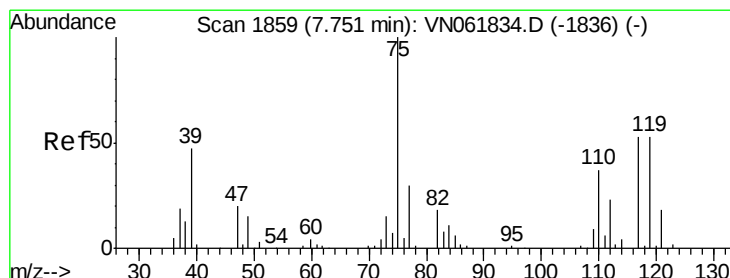
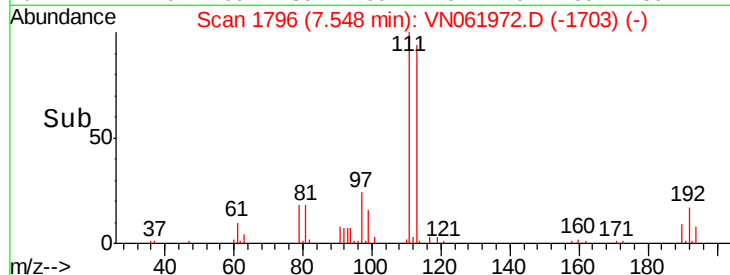
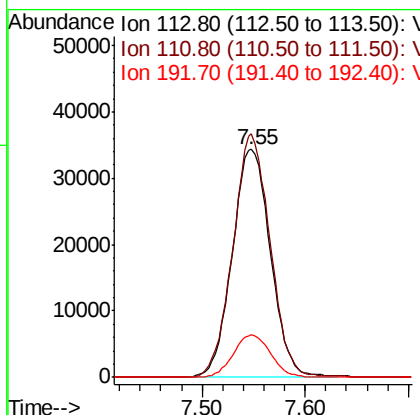
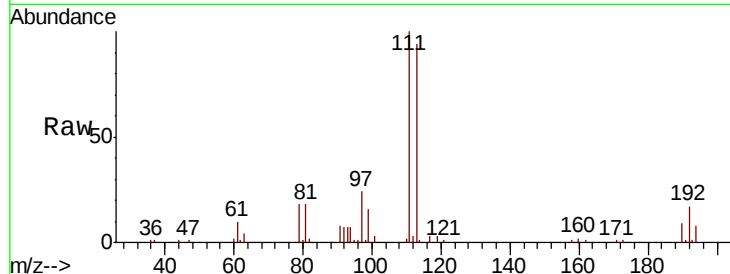




#35
 Dibromofluoromethane
 Concen: 57.434 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061972.D
 Acq: 20 Jun 2020 3:15

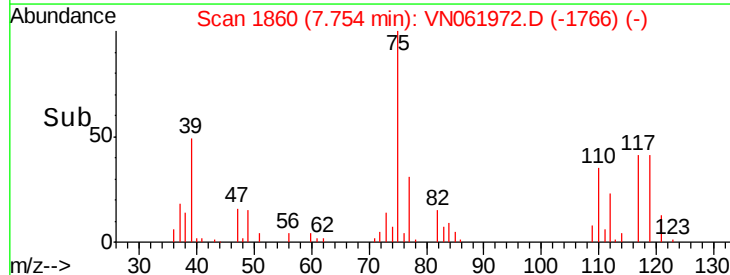
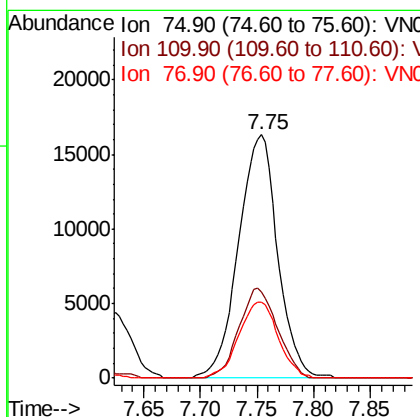
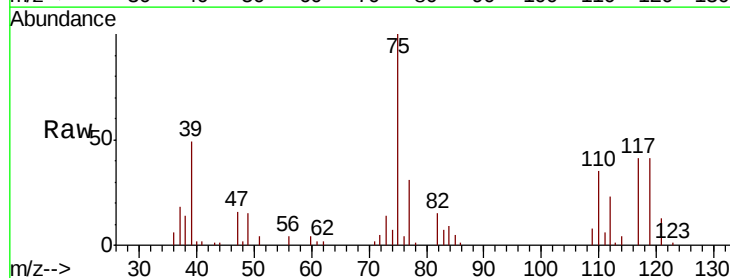
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD02

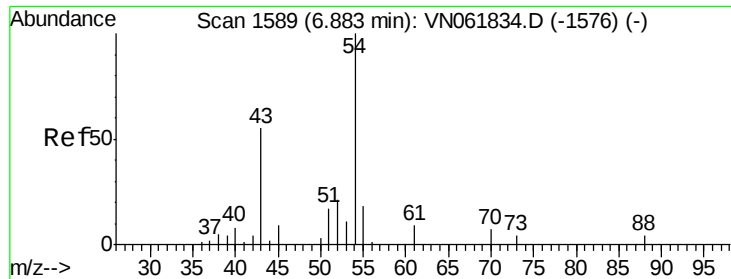
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.7	125.5
192	18.1	13.9	20.9



#36
 1,1-Dichloropropene
 Concen: 17.868 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN061972.D
 Acq: 20 Jun 2020 3:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.2	54.6
77	31.3	24.2	36.4

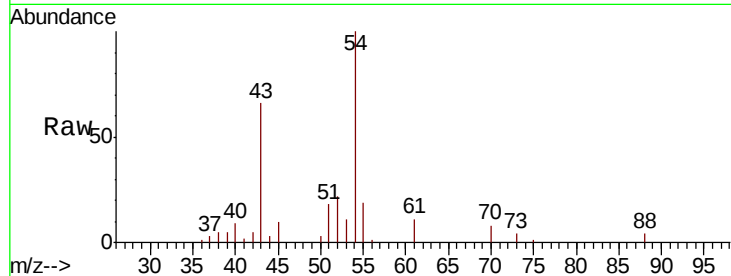




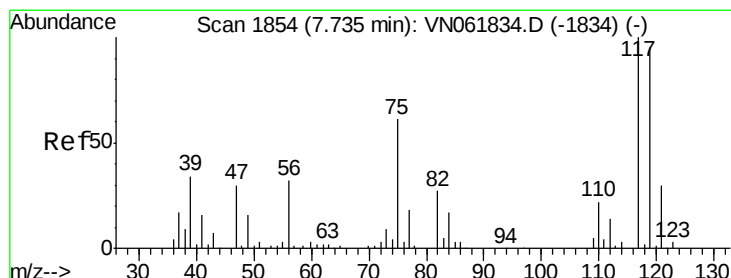
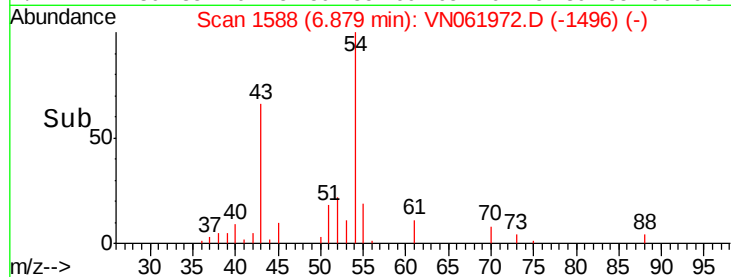
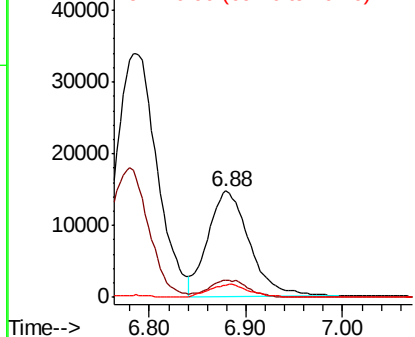
#37
Ethyl Acetate
Concen: 25.728 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061972.D
Acq: 20 Jun 2020 3:15

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD02

Tot Ion: 43 Resp: 44185
Ion Ratio Lower Upper
43 100
61 15.1 13.0 19.4
70 11.7 9.4 14.2

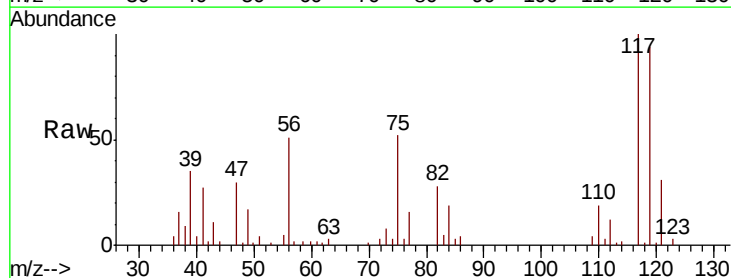


Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1576) (-)
Ion 60.90 (60.60 to 61.60): VN061834.D (-1576) (-)
Ion 70.00 (69.70 to 70.70): VN061834.D (-1576) (-)

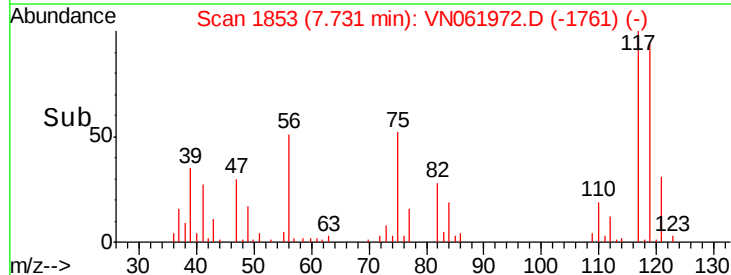
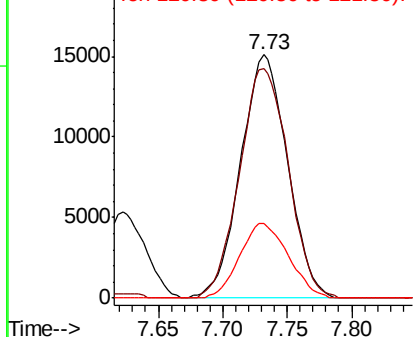


#38
Carbon Tetrachloride
Concen: 17.590 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061972.D
Acq: 20 Jun 2020 3:15

Tgt Ion: 117 Resp: 38310
Ion Ratio Lower Upper
117 100
119 94.2 75.8 113.6
121 30.6 23.8 35.6



Abundance Ion 116.80 (116.50 to 117.50): VN061834.D (-1834) (-)
Ion 118.80 (118.50 to 119.50): VN061834.D (-1834) (-)
Ion 120.80 (120.50 to 121.50): VN061834.D (-1834) (-)

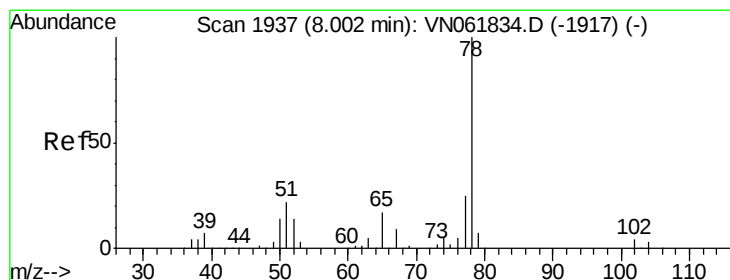
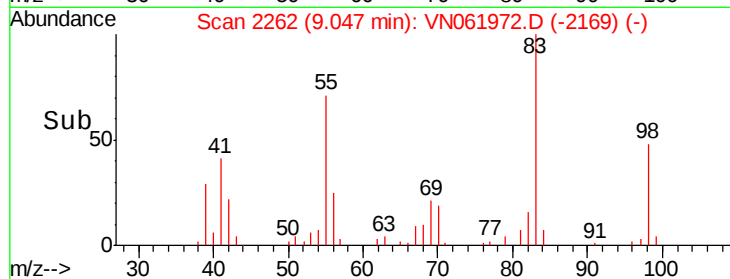
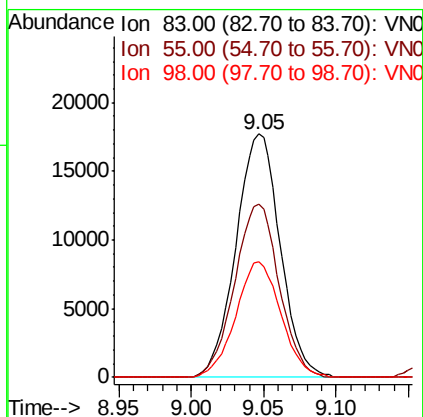
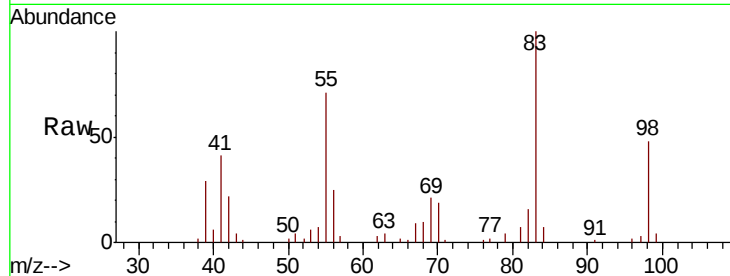




#39
Methvlcvclohexane
Concen: 15.869 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061972.D
Acq: 20 Jun 2020 3:15

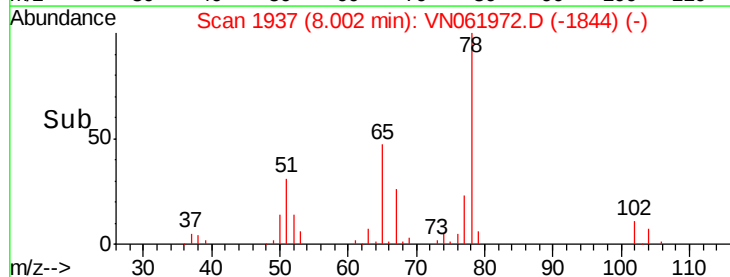
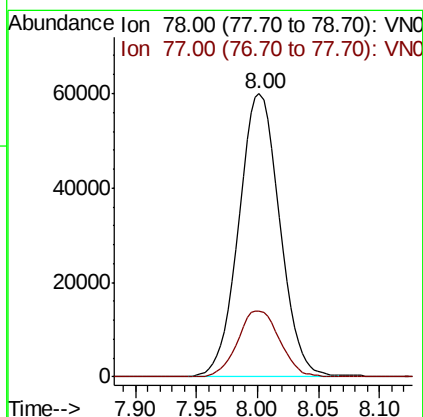
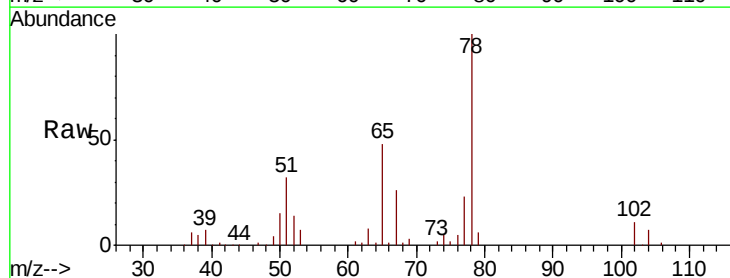
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD02

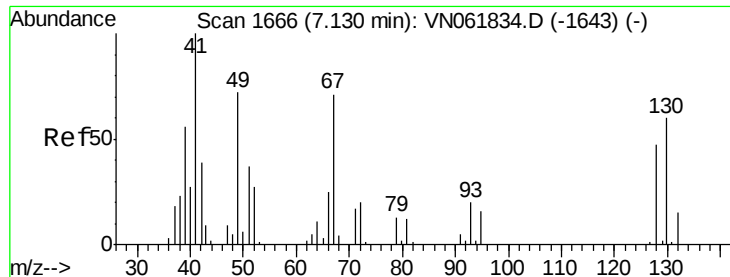
Tot Ion: 83 Resp: 37581
Ion Ratio Lower Upper
83 100
55 71.2 54.2 81.4
98 47.5 39.8 59.6



#40
Benzene
Concen: 20.890 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061972.D
Acq: 20 Jun 2020 3:15

Tgt Ion: 78 Resp: 139172
Ion Ratio Lower Upper
78 100
77 23.3 19.7 29.5

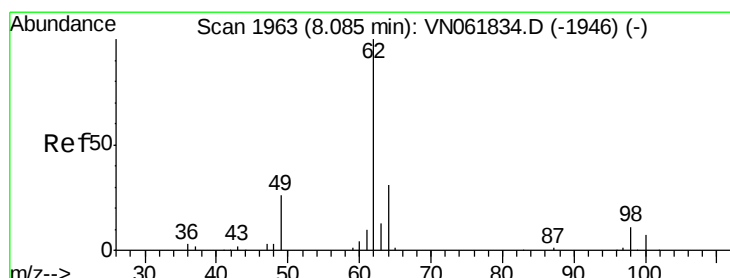
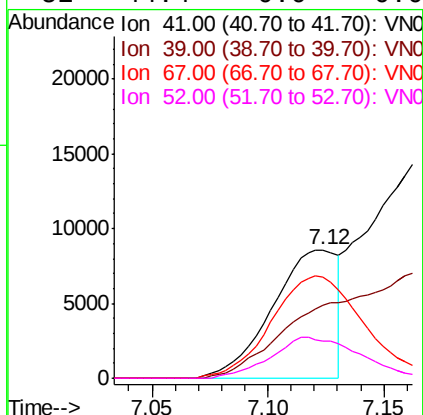
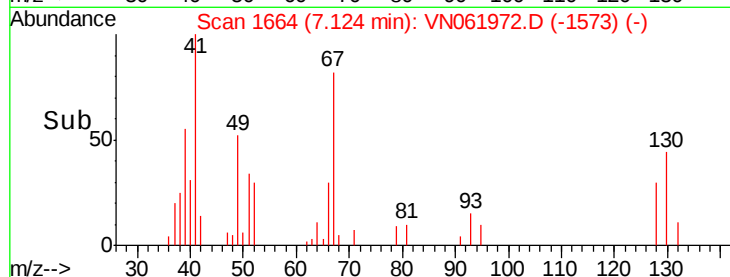
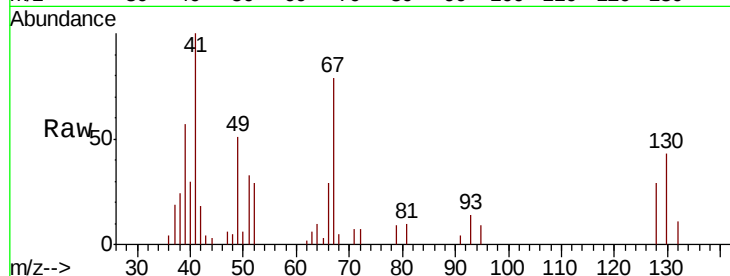




#41
Methacrylonitrile
Concen: 22.847 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VN061972.D
Acq: 20 Jun 2020 3:15

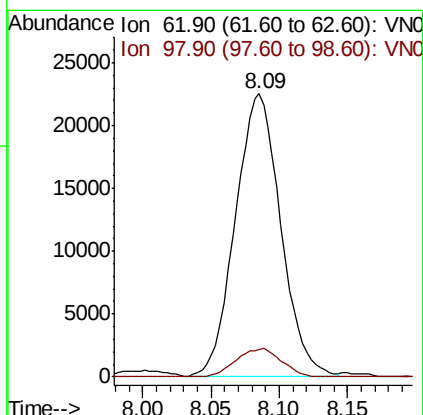
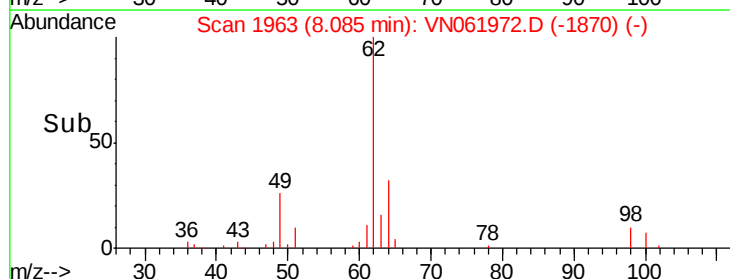
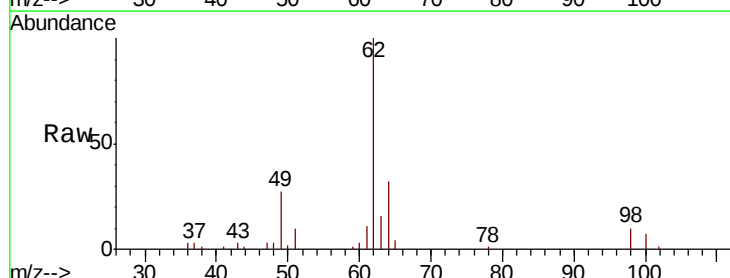
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD02

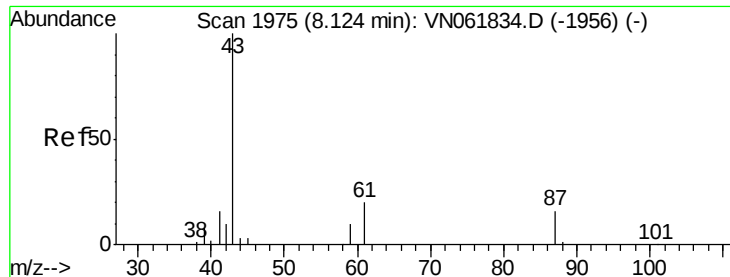
Tot Ion: 41 Resp: 16779
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 114.2 0.0 0.0#
52 44.4 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 22.976 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061972.D
Acq: 20 Jun 2020 3:15

Tgt Ion: 62 Resp: 52192
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.4





#43

Isopropyl Acetate

Concen: 24.049 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061972.D

Acq: 20 Jun 2020 3:15

Instrument :

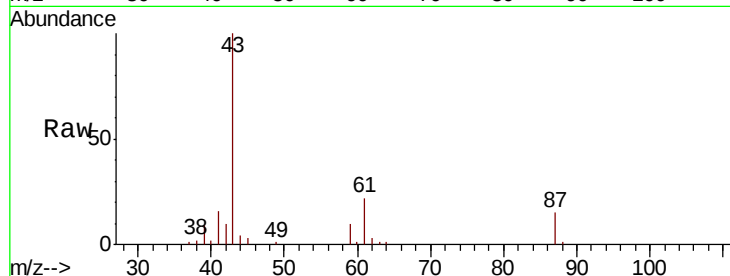
MSVOA_N

ClientSampleId :

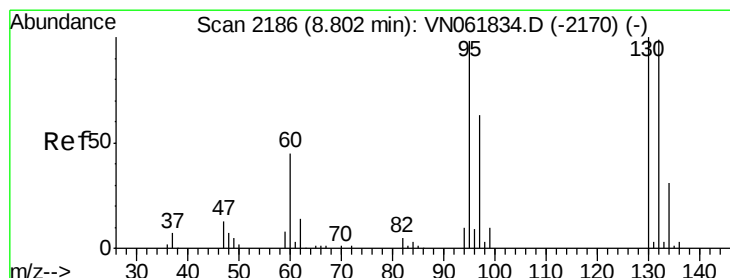
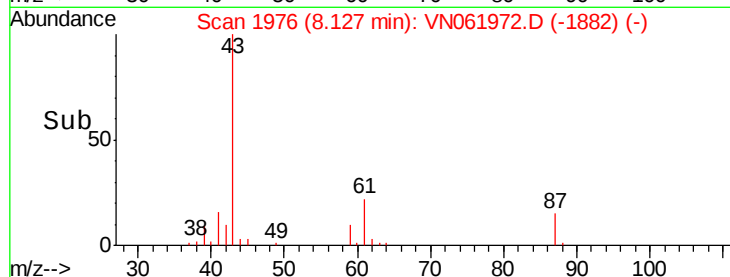
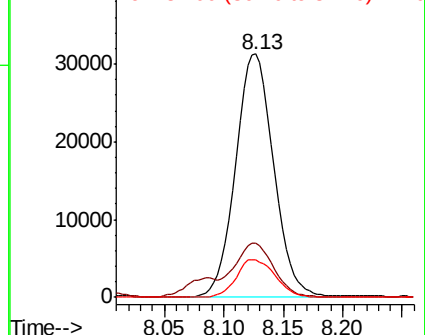
VN0619WBSD02

Tot Ion: 43 Resp: 69603

Ion	Ratio	Lower	Upper
43	100		
61	23.1	24.0	36.0#
87	15.7	12.5	18.7



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



#44

Trichloroethene

Concen: 19.348 ug/l

RT: 8.80 min Scan# 2186

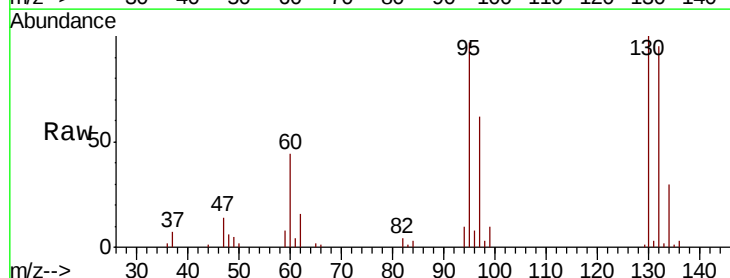
Delta R.T. 0.00 min

Lab File: VN061972.D

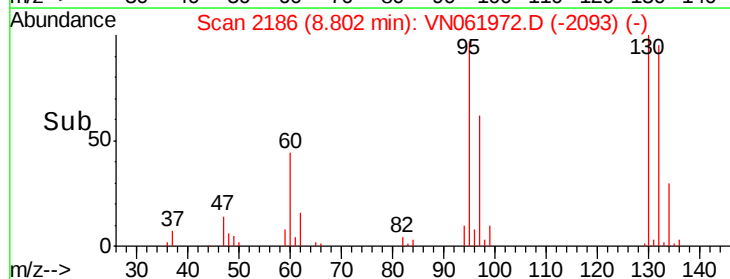
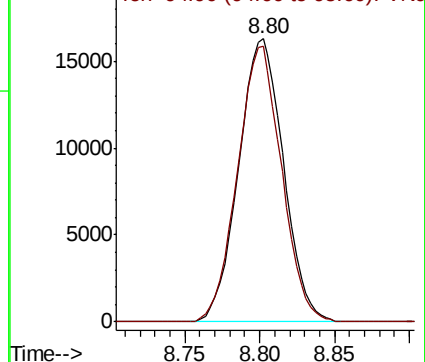
Acq: 20 Jun 2020 3:15

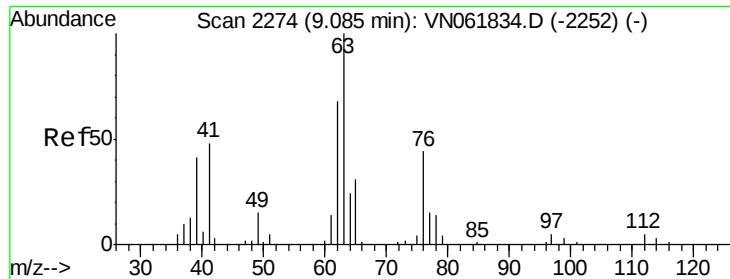
Tgt Ion: 130 Resp: 33923

Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	195.6



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





#45

1,2-Dichloropropane

Concen: 22.611 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN061972.D

Acq: 20 Jun 2020 3:15

Instrument :

MSVOA_N

ClientSampleId :

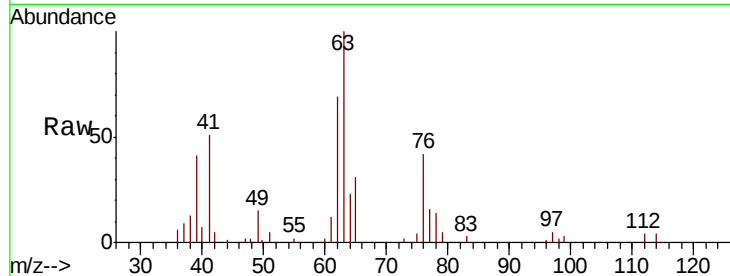
VN0619WBSD02

Tot Ion: 63 Resp: 37019

Ion Ratio Lower Upper

63 100

65 30.6 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VN061834.D (-2252) (-)

Ion 64.90 (64.60 to 65.60): VN061834.D (-2252) (-)

9.09

20000

15000

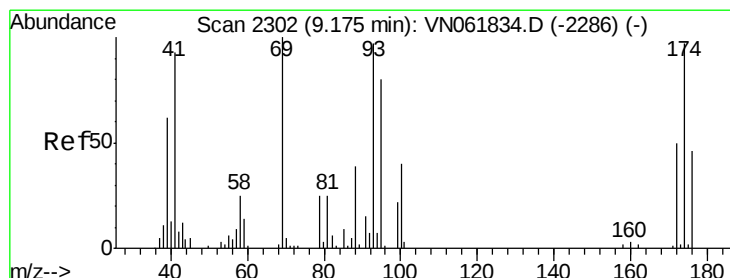
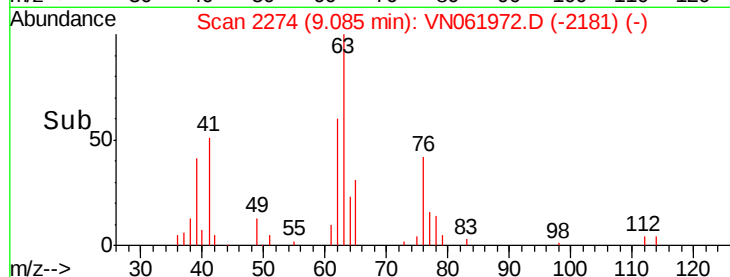
10000

5000

0

9.00 9.05 9.10 9.15

Time-->



#46

Dibromomethane

Concen: 22.974 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN061972.D

Acq: 20 Jun 2020 3:15

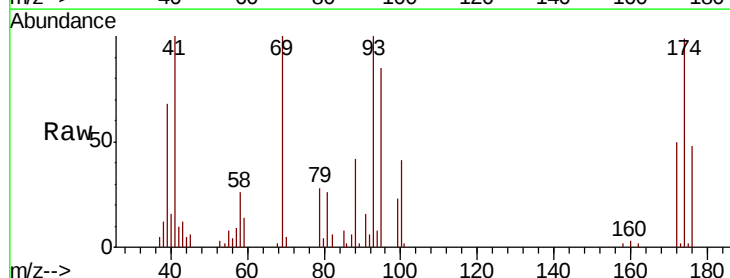
Tgt Ion: 93 Resp: 26487

Ion Ratio Lower Upper

93 100

95 82.8 65.8 98.6

174 97.3 78.5 117.7



Abundance Ion 92.80 (92.50 to 93.50): VN061834.D (-2286) (-)

Ion 94.80 (94.50 to 95.50): VN061834.D (-2286) (-)

Ion 173.70 (173.40 to 174.40): VN061834.D (-2286) (-)

9.18

15000

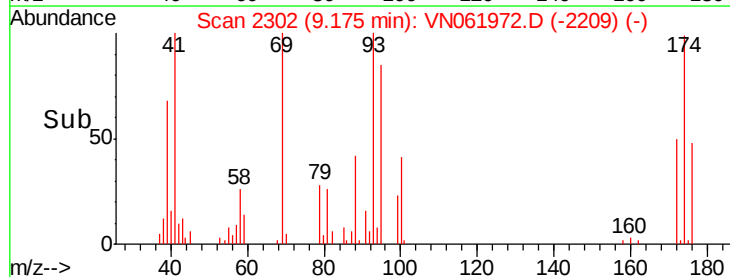
10000

5000

0

9.10 9.15 9.20 9.25

Time-->

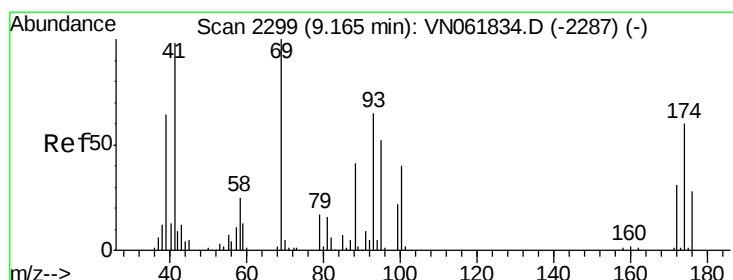
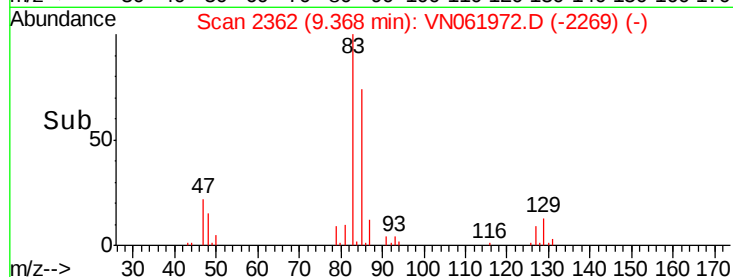
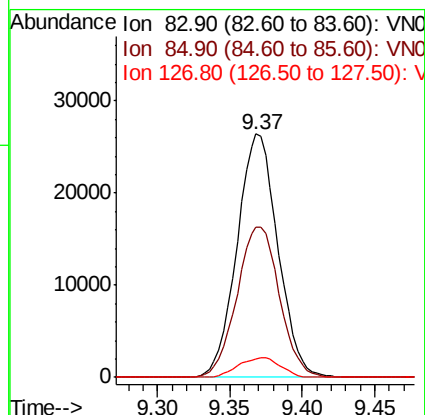
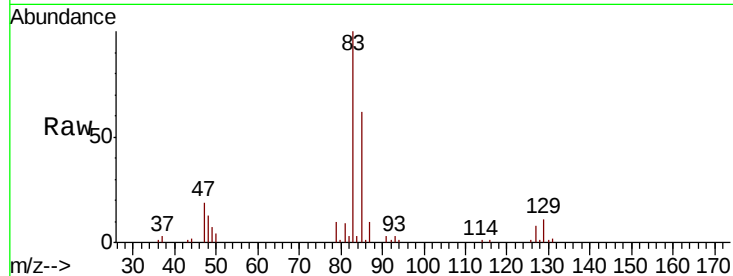




#47
Bromodichloromethane
Concen: 21.840 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. 0.00 min
Lab File: VN061972.D
Acq: 20 Jun 2020 3:15

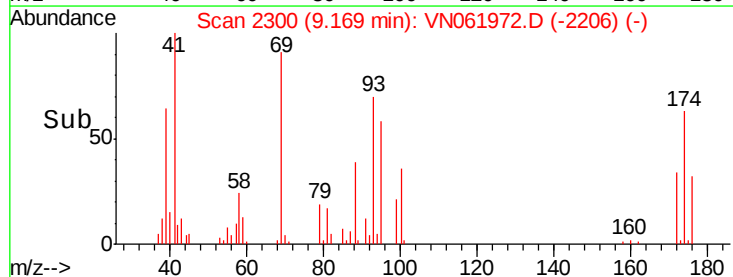
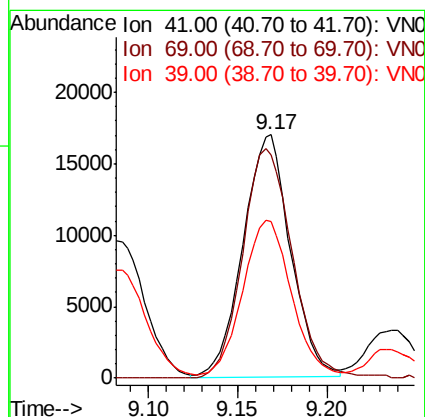
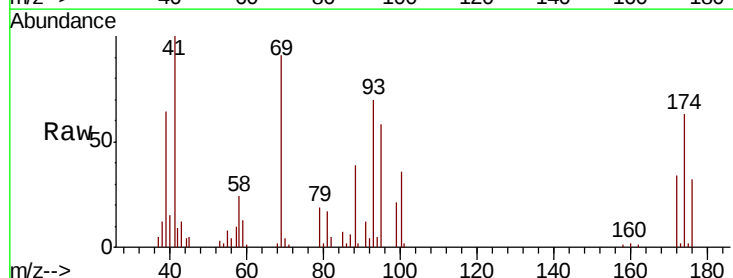
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD02

Tot Ion: 83 Resp: 51559
Ion Ratio Lower Upper
83 100
85 61.7 50.8 76.2
127 7.8 7.0 10.4



#48
Methyl methacrylate
Concen: 23.973 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN061972.D
Acq: 20 Jun 2020 3:15

Tgt Ion: 41 Resp: 31553
Ion Ratio Lower Upper
41 100
69 99.4 83.0 124.4
39 67.9 55.1 82.7





#49

1,4-Dioxane

Concen: 479.771 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061972.D

Acq: 20 Jun 2020 3:15

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD02

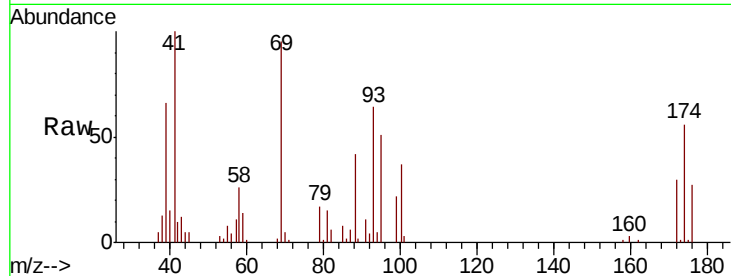
Tot Ion: 88 Resp: 14498

Ion Ratio Lower Upper

88 100

43 29.3 23.4 35.2

58 60.0 49.8 74.6

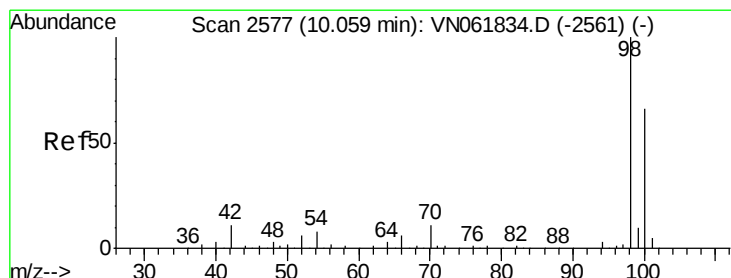
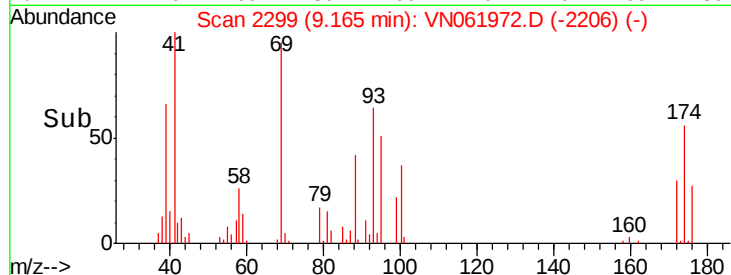
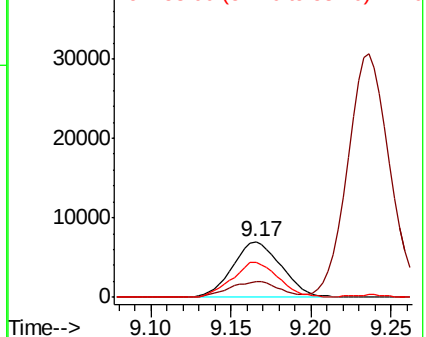


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 51.491 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061972.D

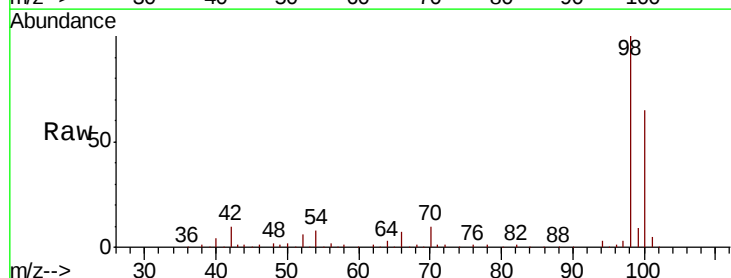
Acq: 20 Jun 2020 3:15

Tgt Ion: 98 Resp: 312264

Ion Ratio Lower Upper

98 100

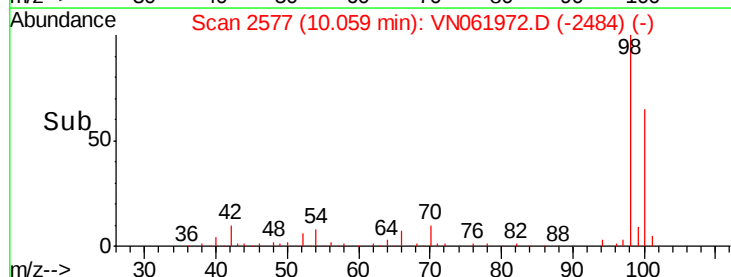
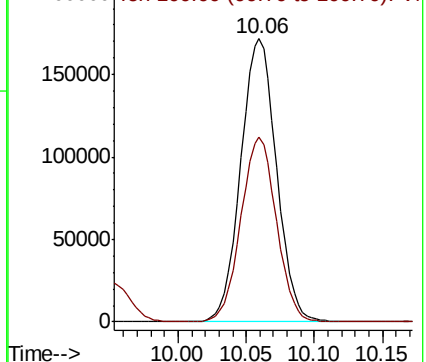
100 65.0 52.7 79.1



Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 123.632 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN061972.D

Acq: 20 Jun 2020 3:15

Instrument :

MSVOA_N

ClientSampleID :

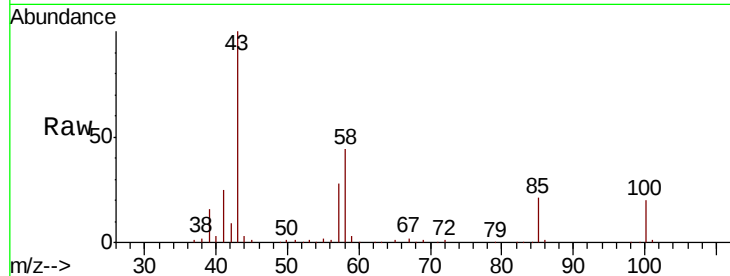
VN0619WBSD02

Tot Ion: 43 Resp: 211450

Ion Ratio Lower Upper

43 100

58 43.7 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2527) (-)

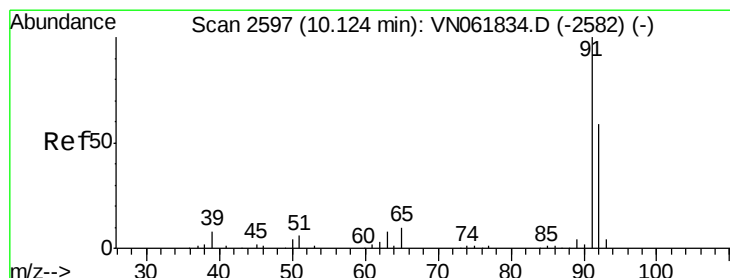
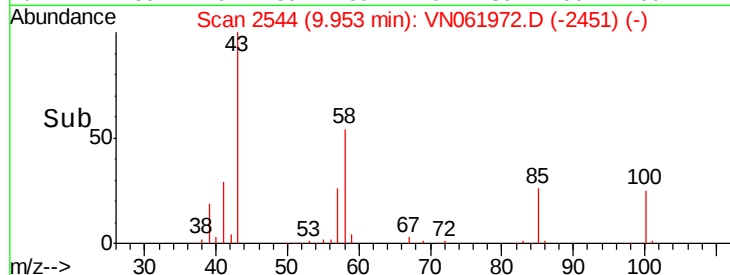
9.95

100000

50000

0

Time-->



#52

Toluene

Concen: 20.487 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN061972.D

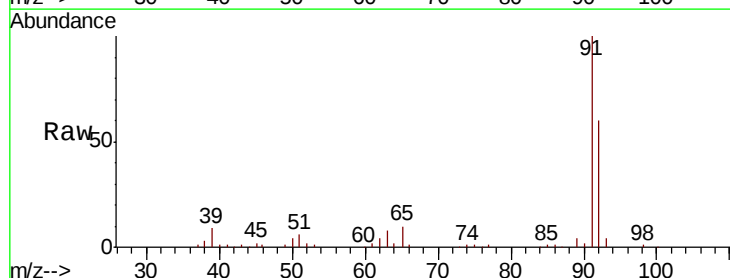
Acq: 20 Jun 2020 3:15

Tgt Ion: 92 Resp: 85718

Ion Ratio Lower Upper

92 100

91 171.3 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN061834.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN061834.D (-2582) (-)

10.12

80000

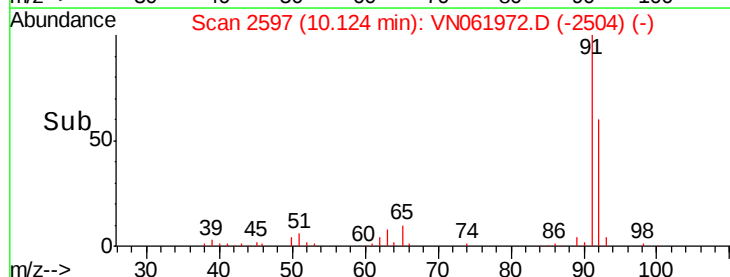
60000

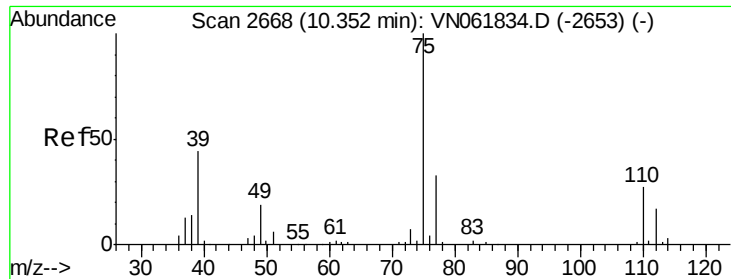
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.693 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061972.D

Acq: 20 Jun 2020 3:15

Instrument :

MSVOA_N

ClientSampleId :

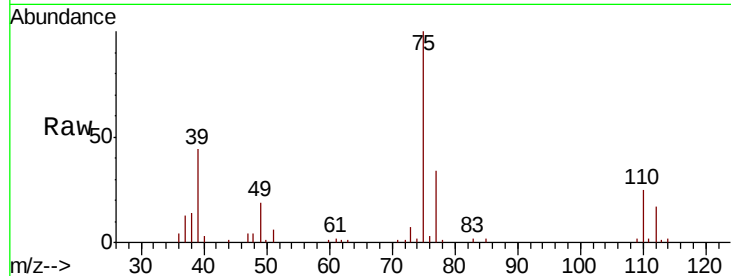
VN0619WBSD02

Tot Ion: 75 Resp: 51860

Ion Ratio Lower Upper

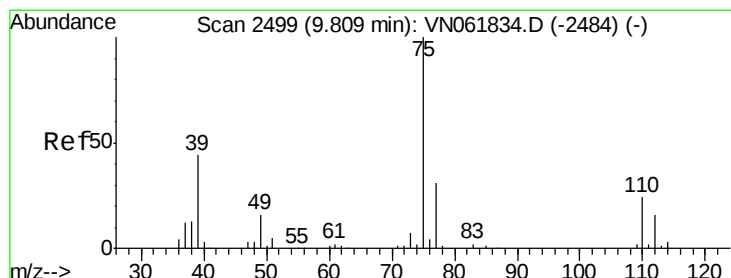
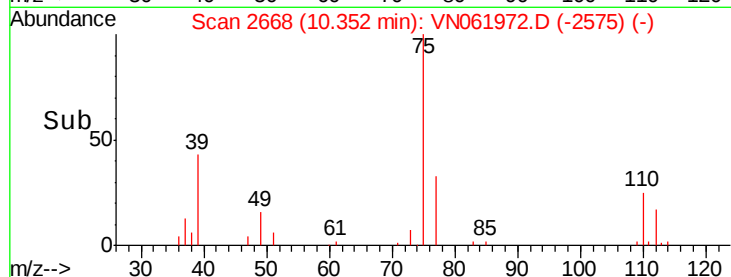
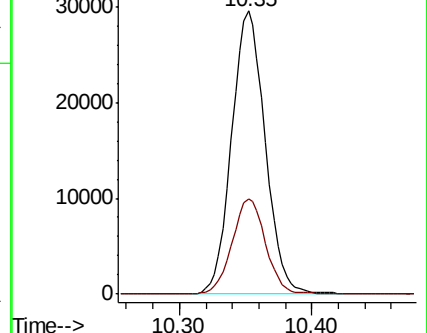
75 100

77 33.7 26.3 39.5



Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-2653) (-)

Ion 76.90 (76.60 to 77.60): VN061834.D (-2653) (-)



#54

cis-1,3-Dichloropropene

Concen: 20.869 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN061972.D

Acq: 20 Jun 2020 3:15

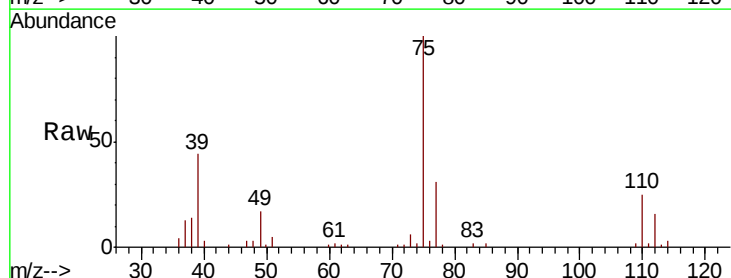
Tgt Ion: 75 Resp: 56808

Ion Ratio Lower Upper

75 100

77 31.3 24.8 37.2

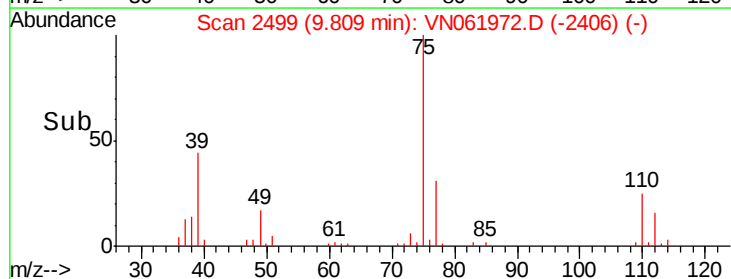
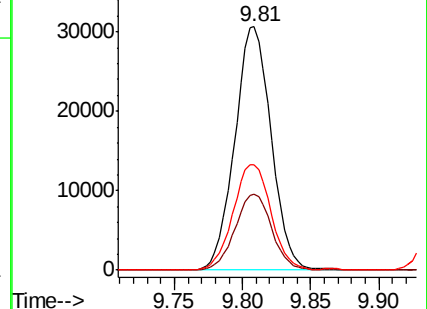
39 43.5 35.4 53.0

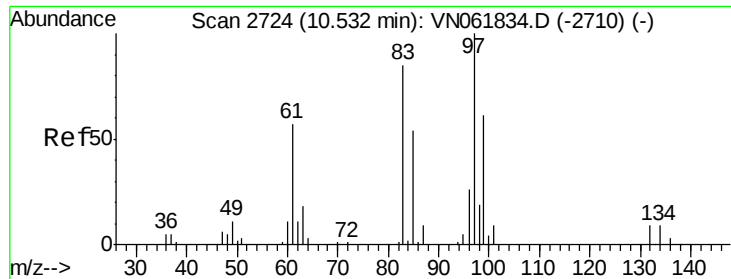


Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-2484) (-)

Ion 76.90 (76.60 to 77.60): VN061834.D (-2484) (-)

Ion 39.00 (38.70 to 39.70): VN061834.D (-2484) (-)

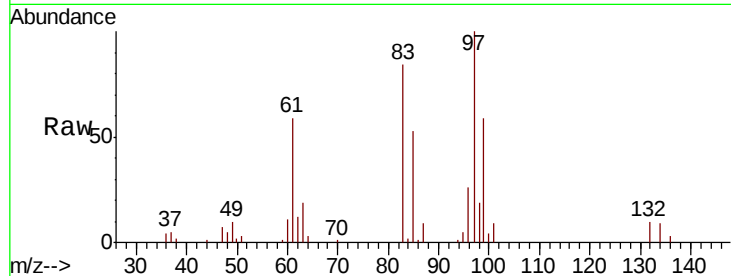




#55
 1,1,2-Trichloroethane
 Concen: 23.404 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. 0.00 min
 Lab File: VN061972.D
 Acq: 20 Jun 2020 3:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD02

Tot Ion:	97	Resp:	38527
Ion	Ratio	Lower	Upper
97	100		
83	83.6	67.7	101.5
85	53.3	43.4	65.0
99	59.5	48.8	73.2



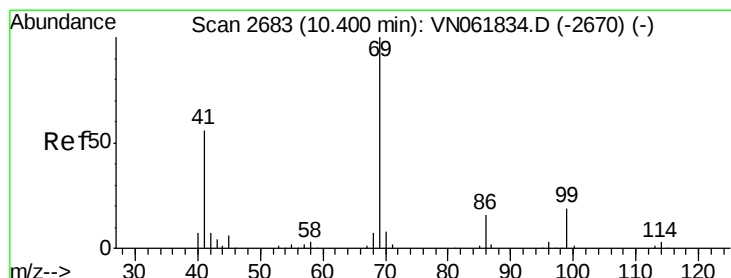
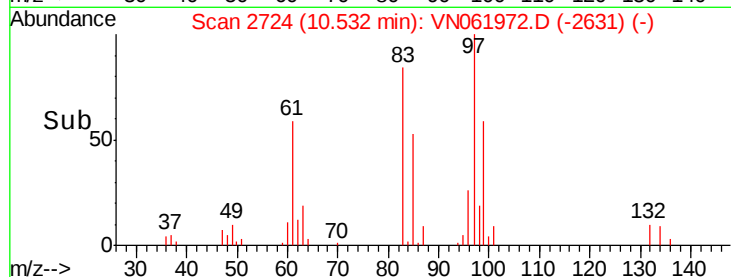
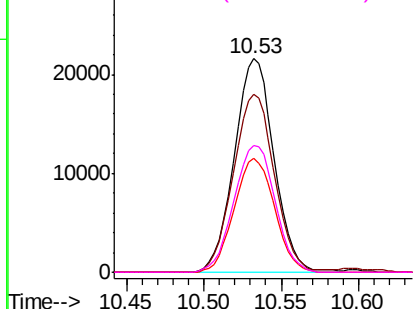
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

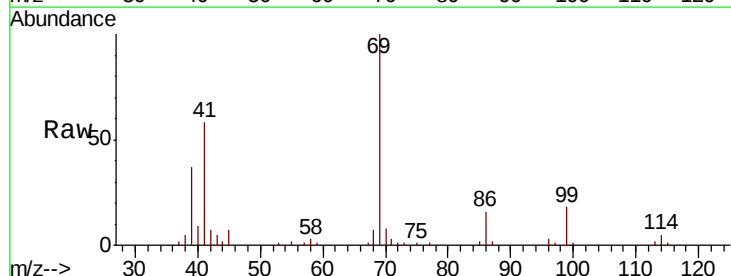
Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56
 Ethyl methacrylate
 Concen: 22.338 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061972.D
 Acq: 20 Jun 2020 3:15

Tgt Ion:	69	Resp:	51883
Ion	Ratio	Lower	Upper
69	100		
41	58.5	44.9	67.3
39	37.8	30.0	45.0

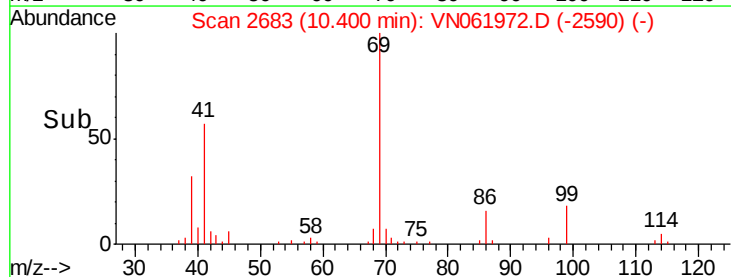
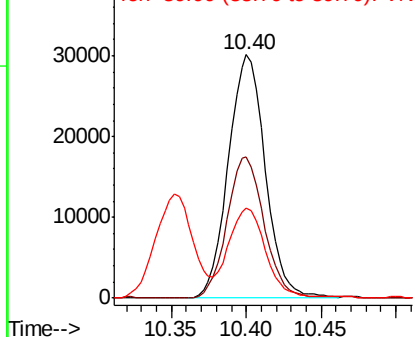


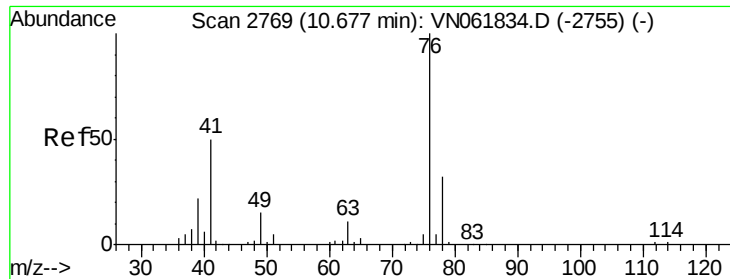
Abundance

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

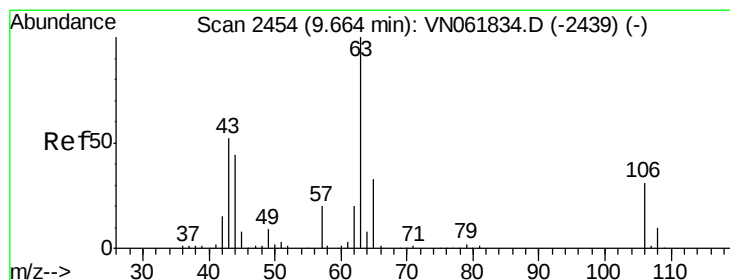
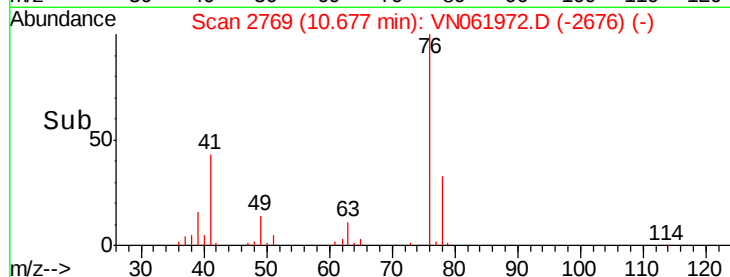
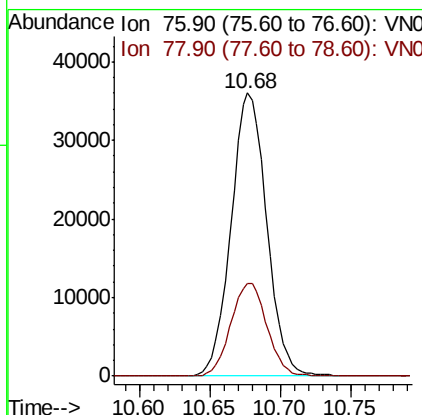
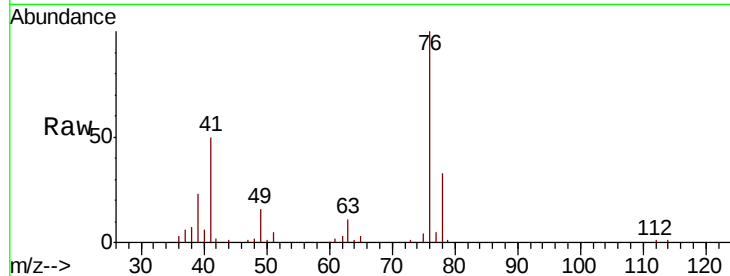




#57
 1,3-Dichloropropane
 Concen: 22.827 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. 0.00 min
 Lab File: VN061972.D
 Acq: 20 Jun 2020 3:15

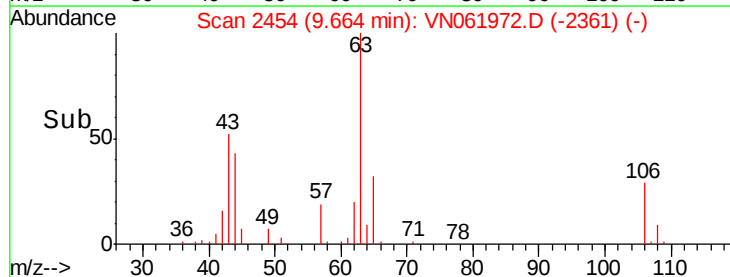
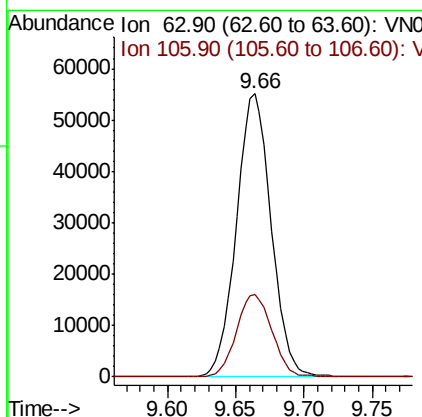
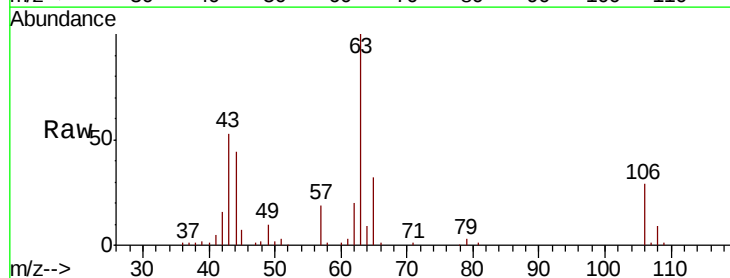
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD02

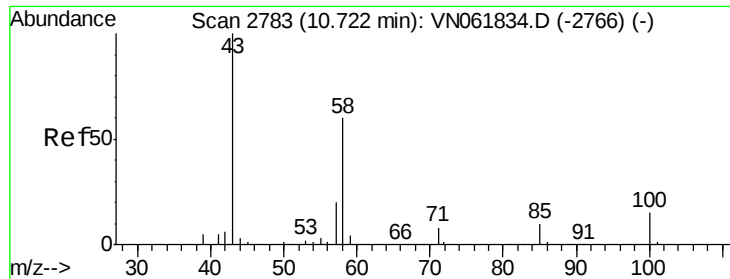
Tot Ion: 76 Resp: 63663
 Ion Ratio Lower Upper
 76 100
 78 33.2 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 112.056 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN061972.D
 Acq: 20 Jun 2020 3:15

Tgt Ion: 63 Resp: 97355
 Ion Ratio Lower Upper
 63 100
 106 29.7 24.6 36.8

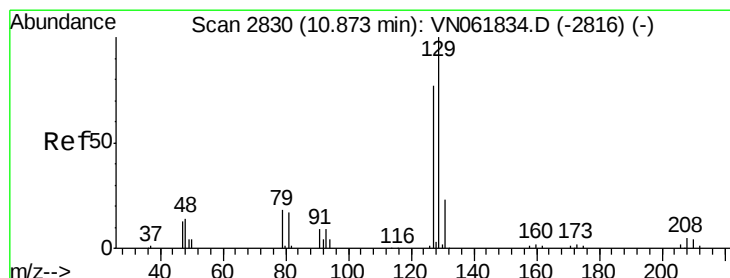
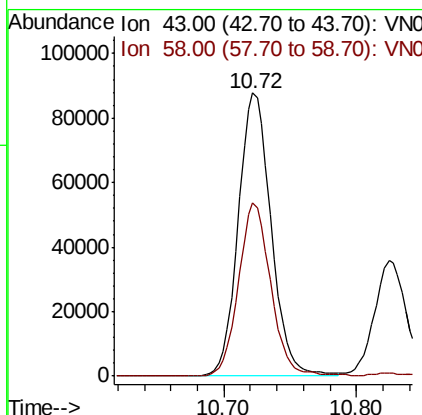
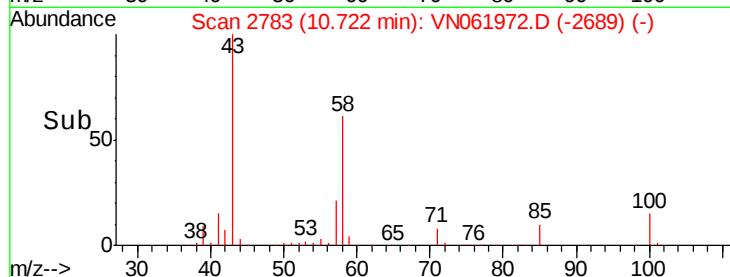
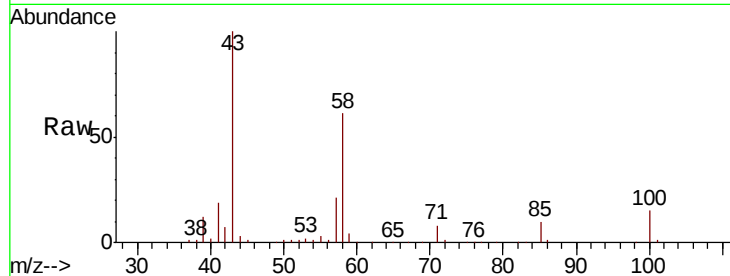




#59
2-Hexanone
Concen: 118.147 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061972.D
Acq: 20 Jun 2020 3:15

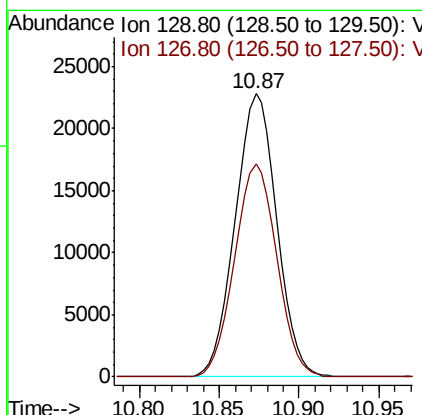
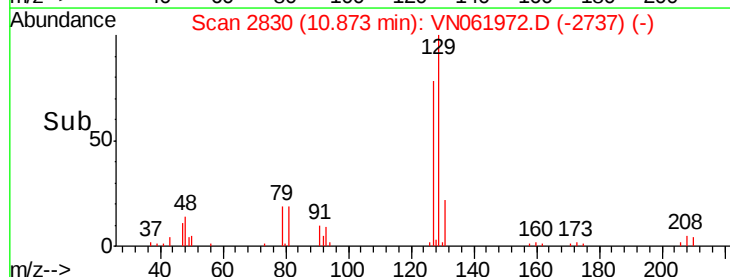
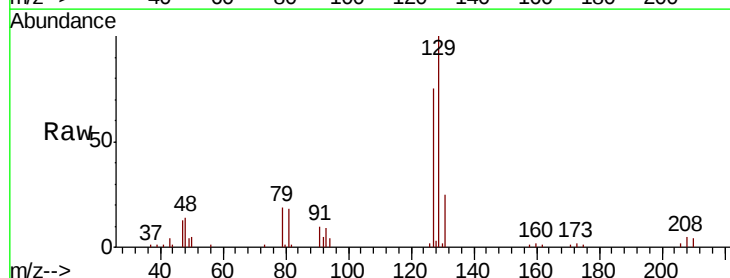
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD02

Tot Ion: 43 Resp: 151227
Ion Ratio Lower Upper
43 100
58 60.1 30.1 90.5



#60
Dibromochloromethane
Concen: 22.024 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN061972.D
Acq: 20 Jun 2020 3:15

Tgt Ion: 129 Resp: 40456
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.5

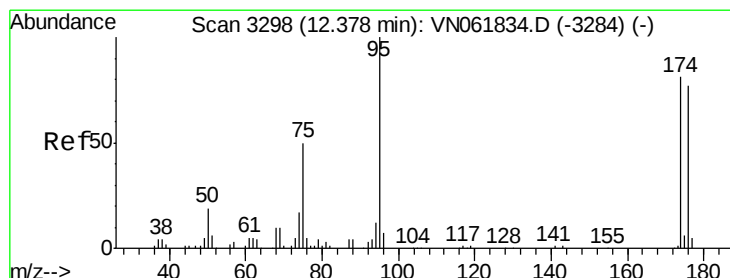
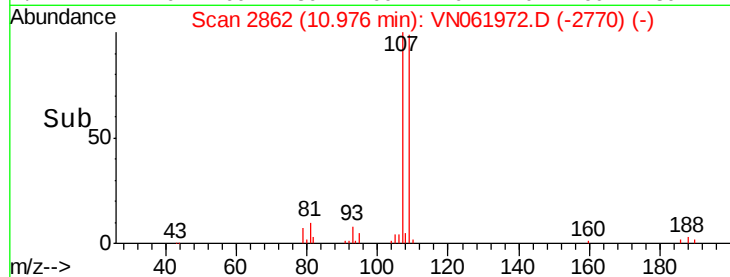
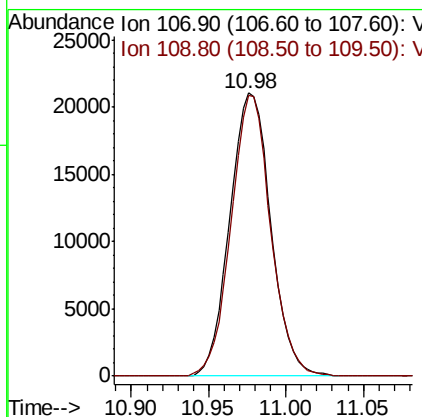
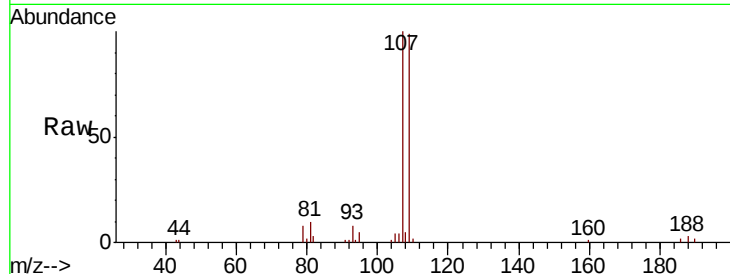




#61
 1,2-Dibromoethane
 Concen: 22.531 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061972.D
 Acq: 20 Jun 2020 3:15

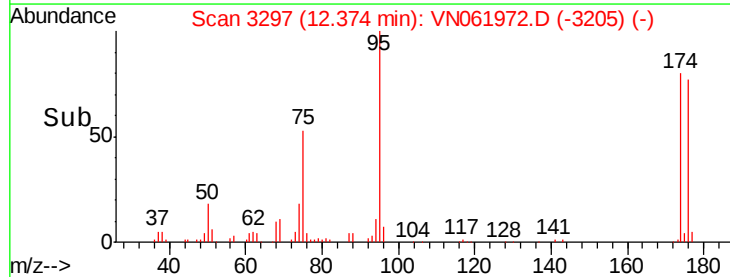
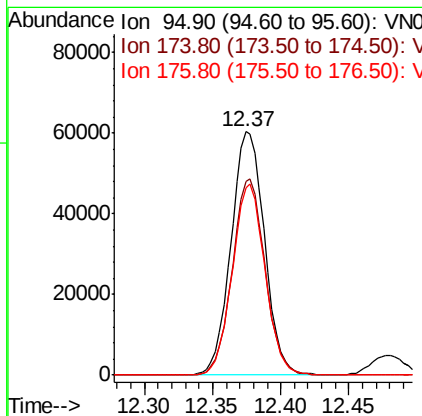
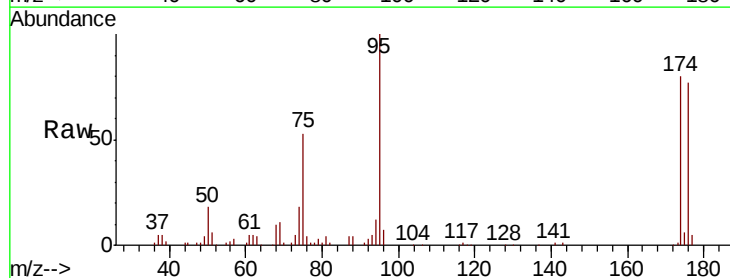
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD02

Tot Ion: 107 Resp: 38730
 Ion Ratio Lower Upper
 107 100
 109 96.0 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 49.377 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061972.D
 Acq: 20 Jun 2020 3:15

Tgt Ion: 95 Resp: 102713
 Ion Ratio Lower Upper
 95 100
 174 78.8 0.0 158.6
 176 76.5 0.0 152.0

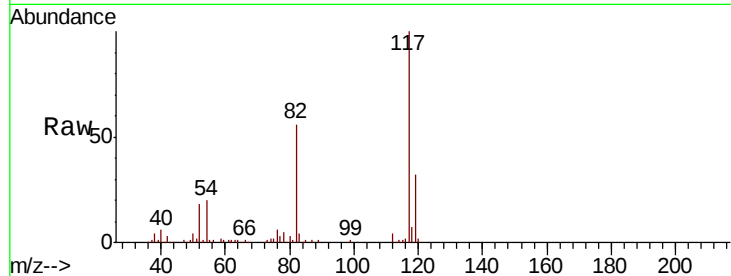




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061972.D
Acq: 20 Jun 2020 3:15

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	42.6	64.0
119	32.1	24.7	37.1

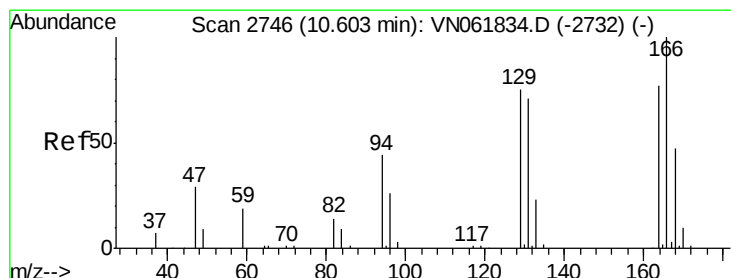
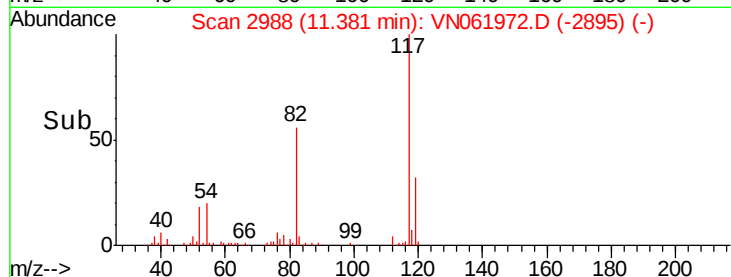
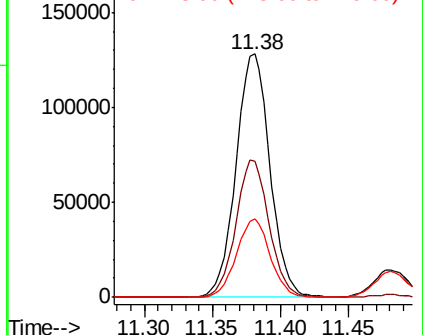


Abundance

Ion 116.90 (116.60 to 117.60): V

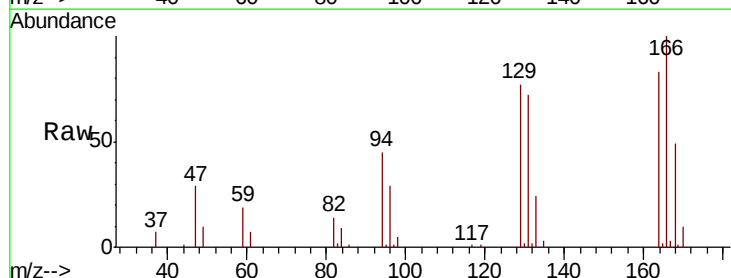
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 18.830 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061972.D
Acq: 20 Jun 2020 3:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.6	103.5	155.3
129	92.4	77.5	116.3
131	86.8	73.8	110.8



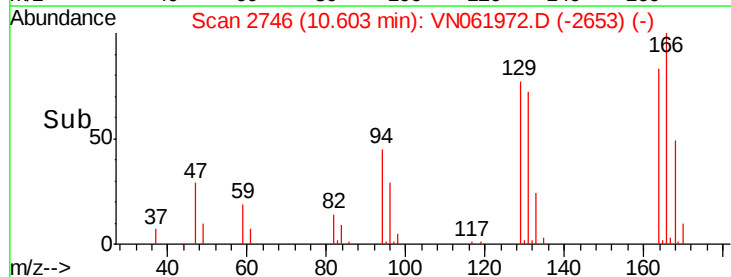
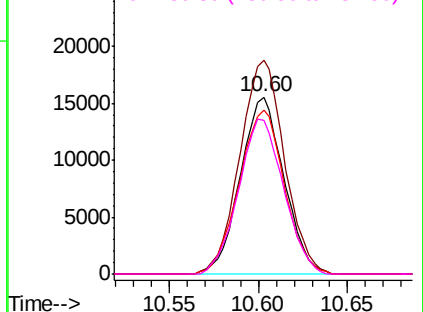
Abundance

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

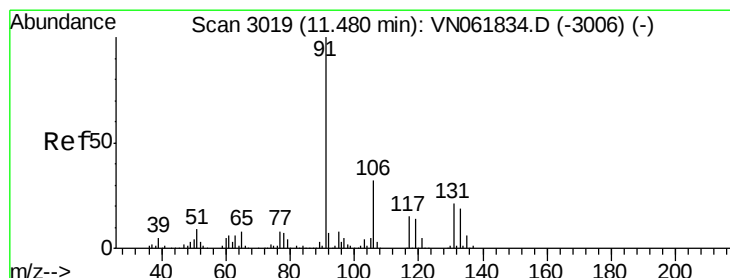
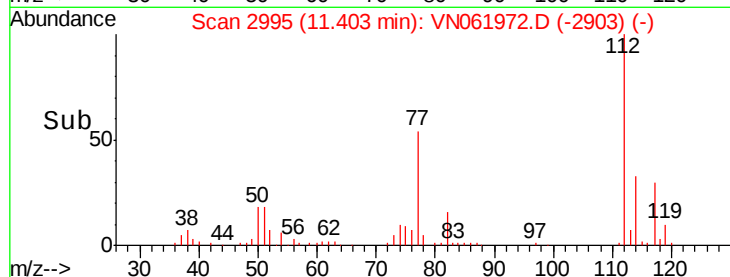
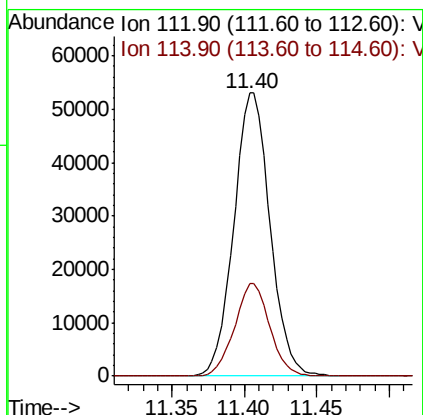
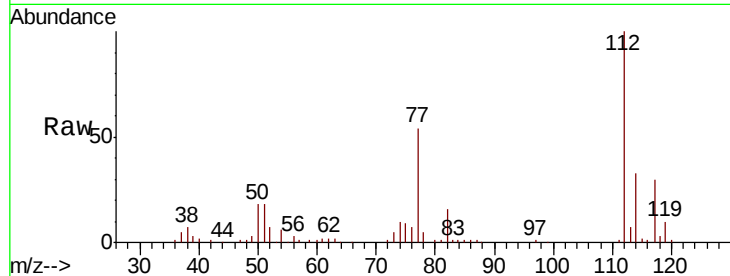




#65
Chlorobenzene
Concen: 19.659 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN061972.D
Acq: 20 Jun 2020 3:15

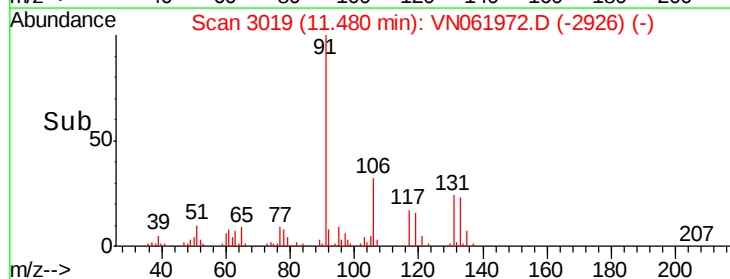
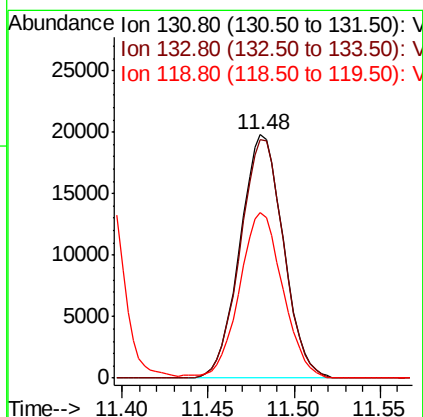
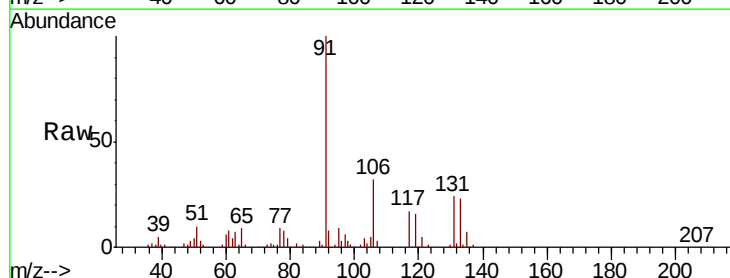
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD02

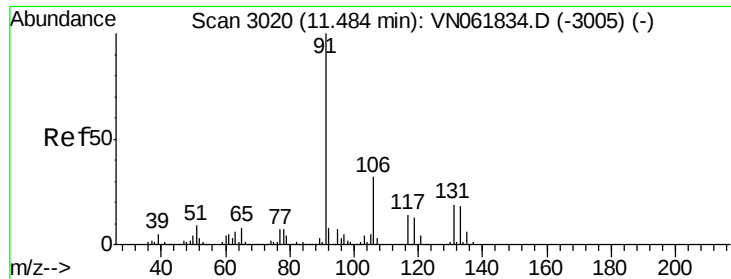
Tot Ion:112 Resp: 91818
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.250 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN061972.D
Acq: 20 Jun 2020 3:15

Tgt Ion:131 Resp: 34614
Ion Ratio Lower Upper
131 100
133 98.0 47.5 142.5
119 67.8 34.0 101.8

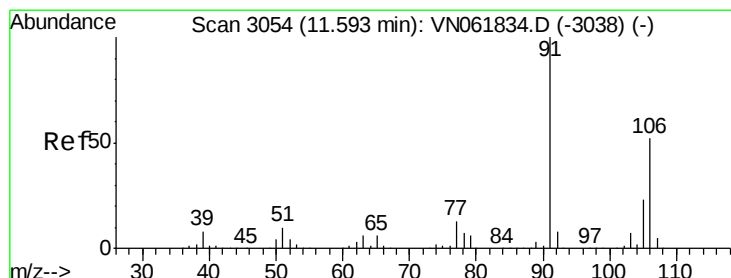
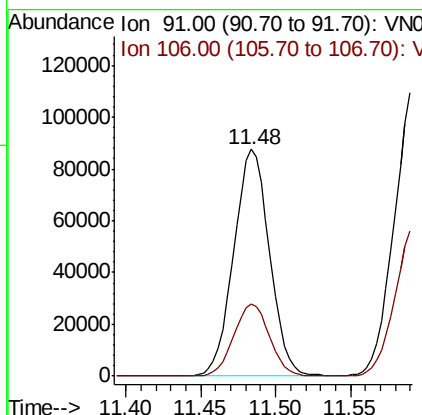
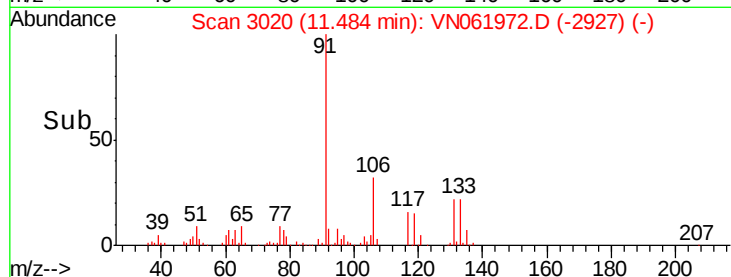
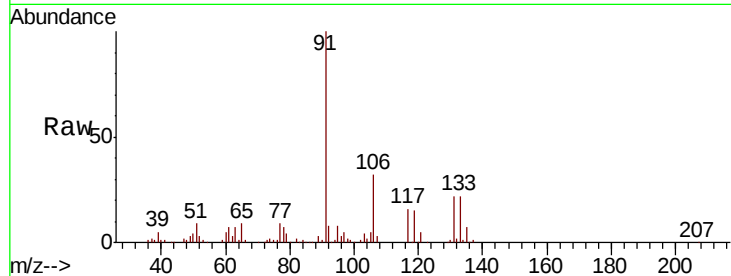




#67
Ethyl Benzene
Concen: 18.611 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061972.D
Acq: 20 Jun 2020 3:15

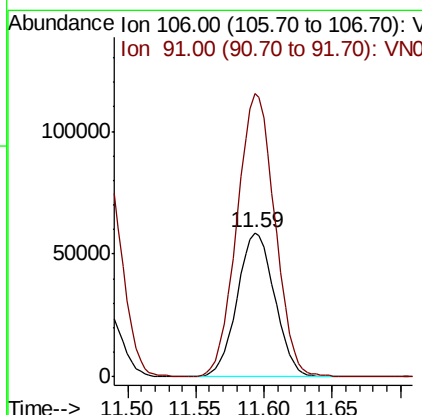
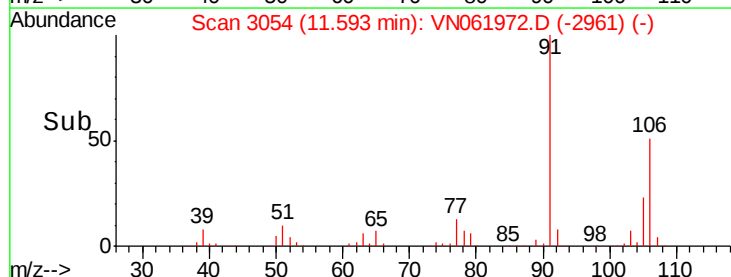
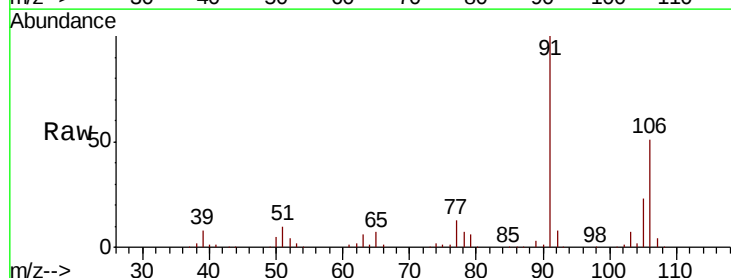
Instrument :
MSVOA_N
ClientSampled :
VN0619WBSD02

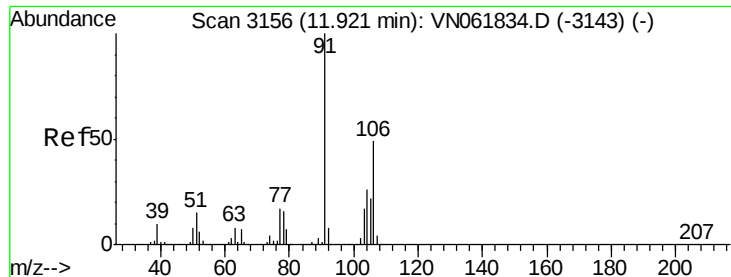
Tot Ion: 91 Resp: 145738
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.2



#68
m/p-Xylenes
Concen: 37.129 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN061972.D
Acq: 20 Jun 2020 3:15

Tgt Ion: 106 Resp: 112110
Ion Ratio Lower Upper
106 100
91 199.2 157.0 235.6

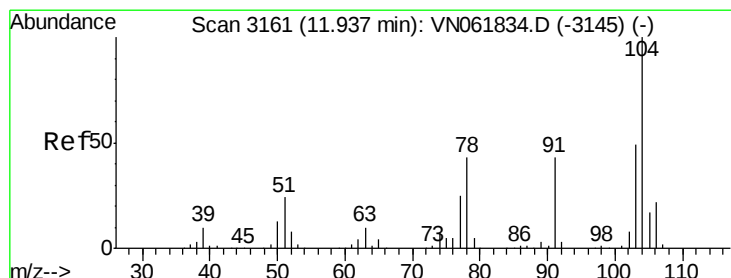
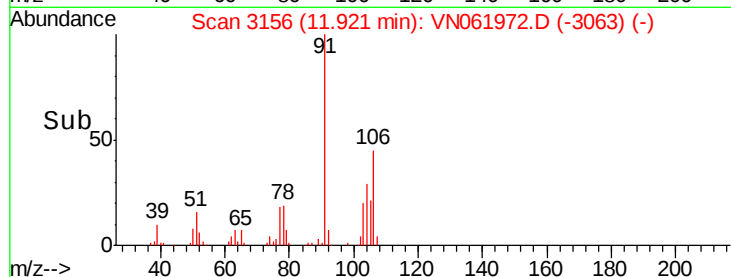
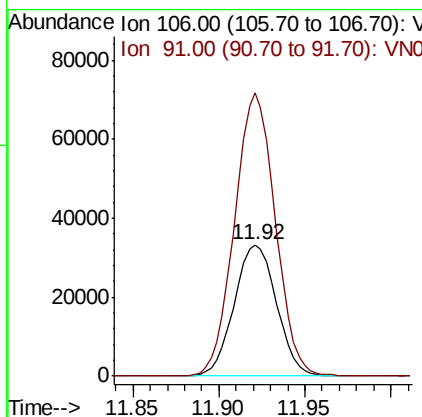
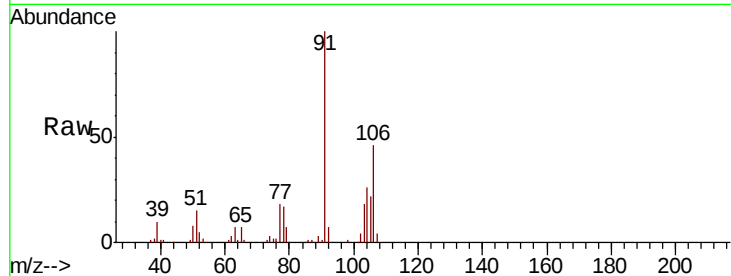




#69
o-Xylene
Concen: 19.623 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061972.D
Acq: 20 Jun 2020 3:15

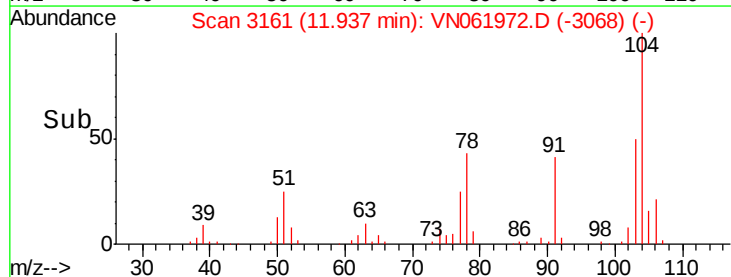
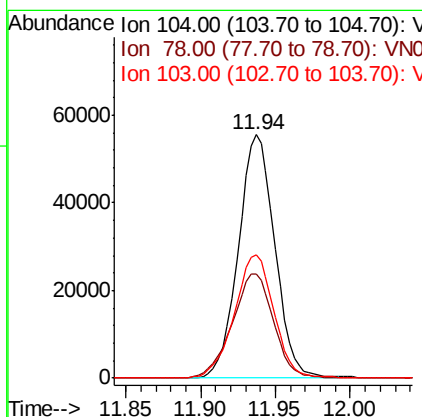
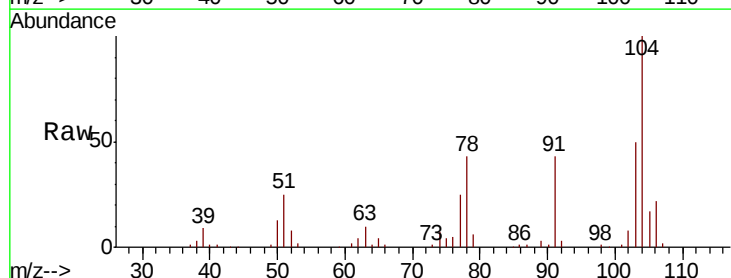
Instrument :
MSVOA_N
ClientSampled :
VN0619WBSD02

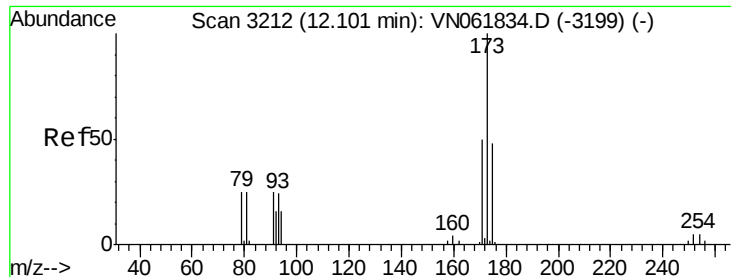
Tot Ion:106 Resp: 56536
Ion Ratio Lower Upper
106 100
91 208.8 103.0 308.9



#70
Styrene
Concen: 19.537 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061972.D
Acq: 20 Jun 2020 3:15

Tgt Ion:104 Resp: 94246
Ion Ratio Lower Upper
104 100
78 48.5 37.6 56.4
103 54.8 43.0 64.4





#71

Bromoform

Concen: 22.846 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061972.D

Acq: 20 Jun 2020 3:15

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD02

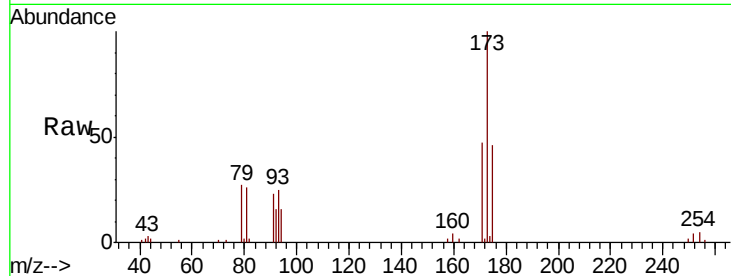
Tot Ion:173 Resp: 27134

Ion Ratio Lower Upper

173 100

175 47.1 23.9 71.7

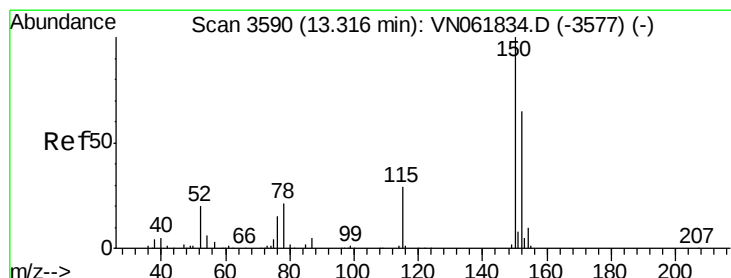
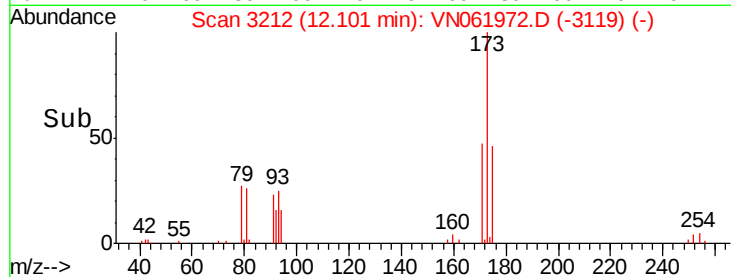
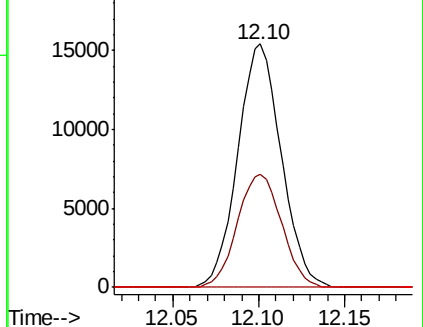
254 0.0 0.0 0.0



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: VN061972.D

Acq: 20 Jun 2020 3:15

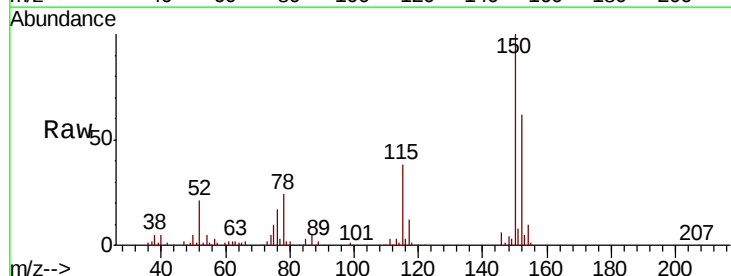
Tgt Ion:152 Resp: 95183

Ion Ratio Lower Upper

152 100

115 59.4 29.1 87.3

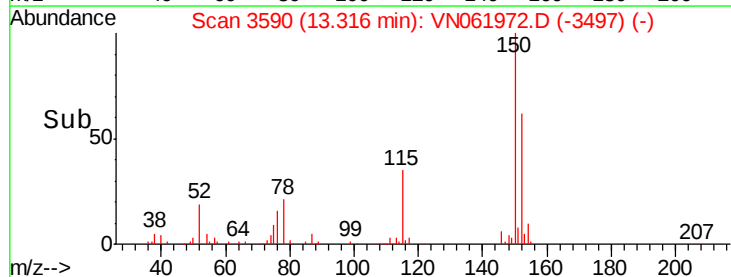
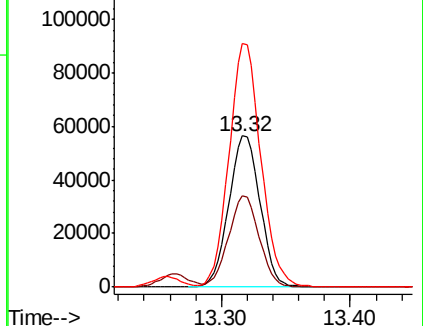
150 163.9 0.0 347.6

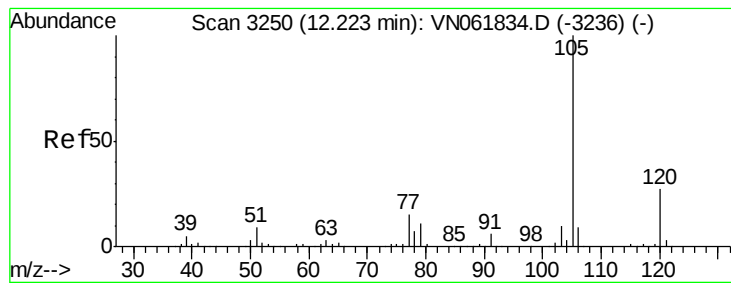


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.316 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061972.D

Acq: 20 Jun 2020 3:15

Instrument :

MSVOA_N

ClientSampleId :

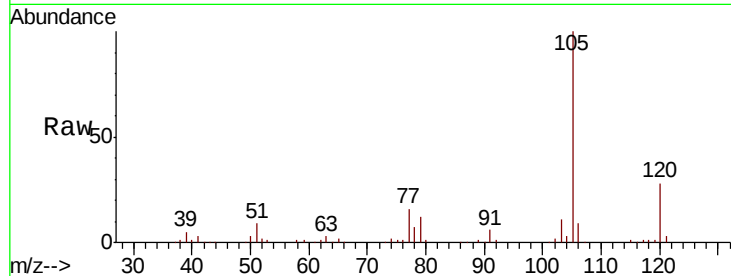
VN0619WBSD02

Tot Ion:105 Resp: 137416

Ion Ratio Lower Upper

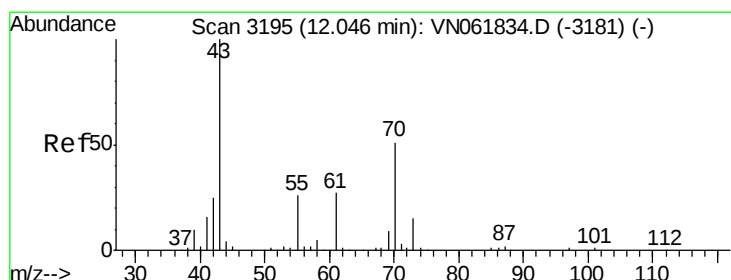
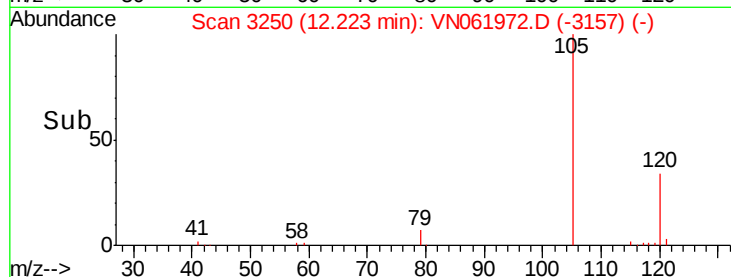
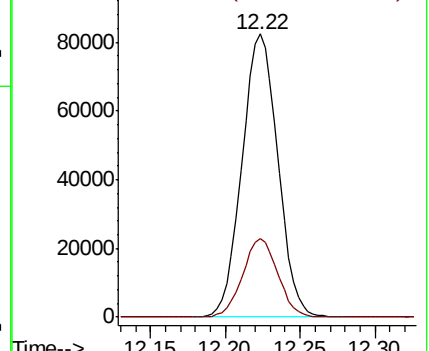
105 100

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: 24.092 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061972.D

Acq: 20 Jun 2020 3:15

Tgt Ion: 43 Resp: 54870

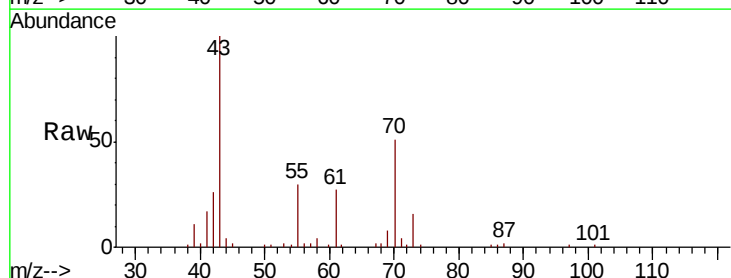
Ion Ratio Lower Upper

43 100

70 51.6 40.6 60.8

55 29.4 21.5 32.3

61 27.2 21.6 32.4

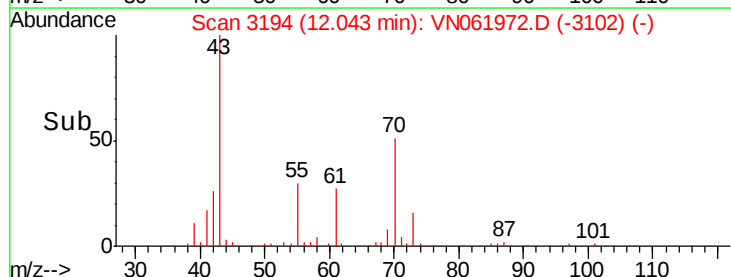
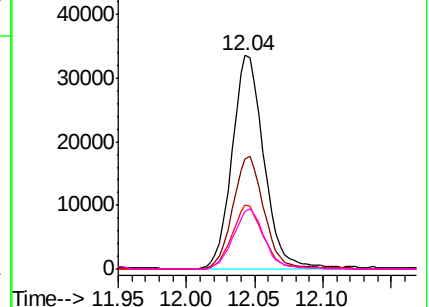


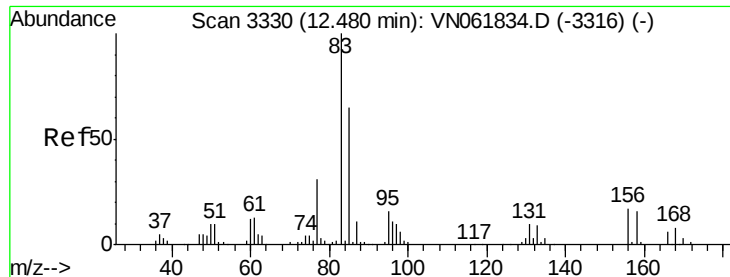
Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 26.165 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061972.D

Acq: 20 Jun 2020 3:15

Instrument :

MSVOA_N

ClientSampled :

VN0619WBSD02

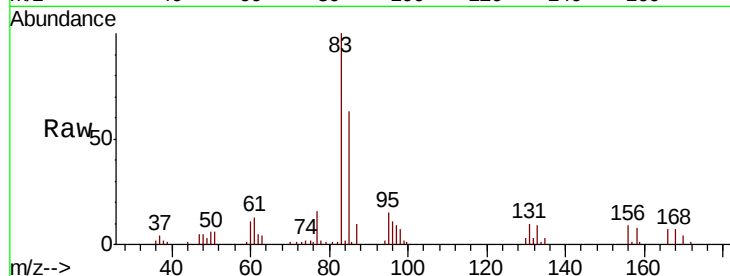
Tot Ion: 83 Resp: 57538

Ion Ratio Lower Upper

83 100

131 9.7 5.0 15.0

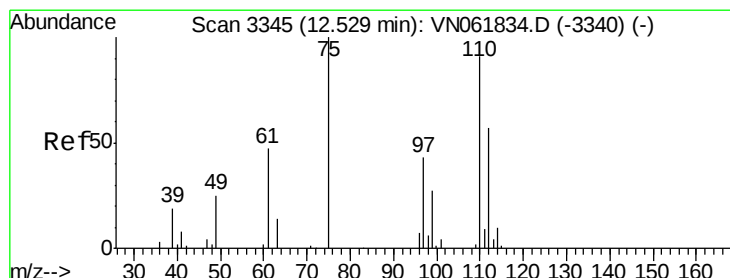
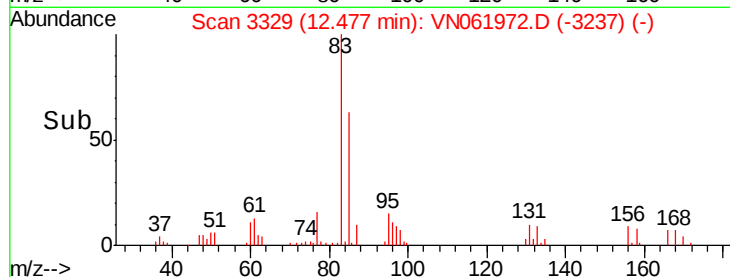
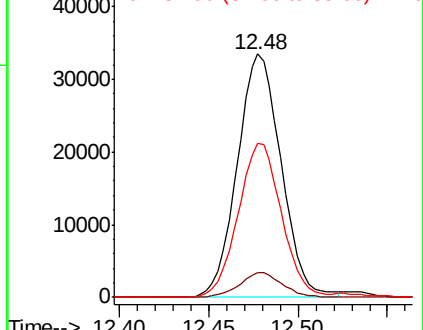
85 62.6 32.4 97.2



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) (-)



#76

1,2,3-Trichloropropane

Concen: 35.297 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061972.D

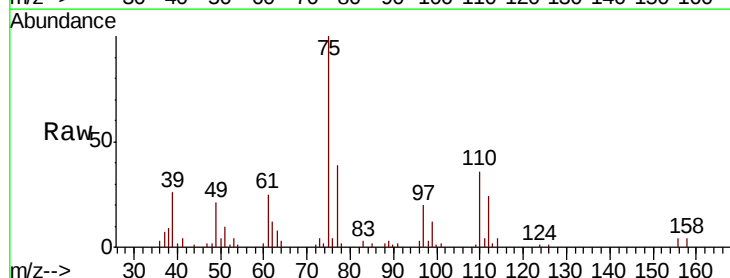
Acq: 20 Jun 2020 3:15

Tgt Ion: 75 Resp: 65959

Ion Ratio Lower Upper

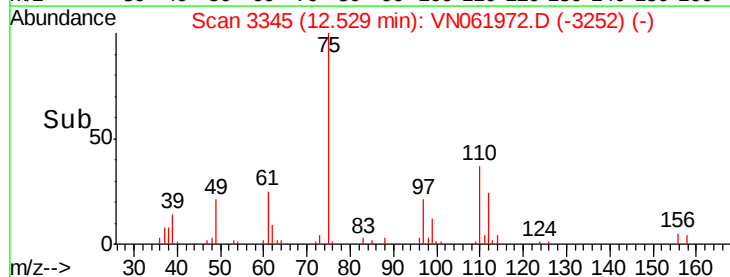
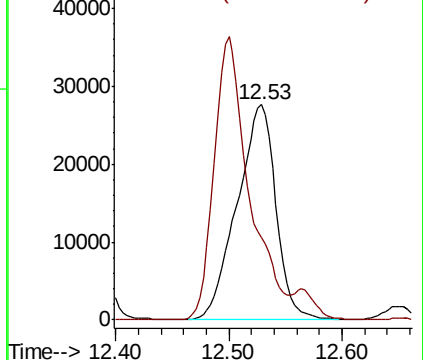
75 100

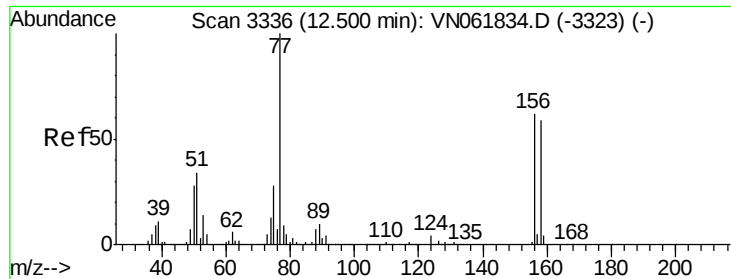
77 0.0 0.0 0.0



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

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





#77

Bromobenzene

Concen: 21.853 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061972.D

Acq: 20 Jun 2020 3:15

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD02

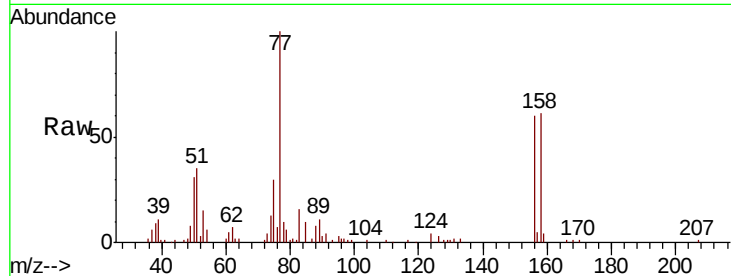
Tot Ion:156 Resp: 37290

Ion Ratio Lower Upper

156 100

77 210.6 100.7 302.1

158 98.1 48.5 145.5

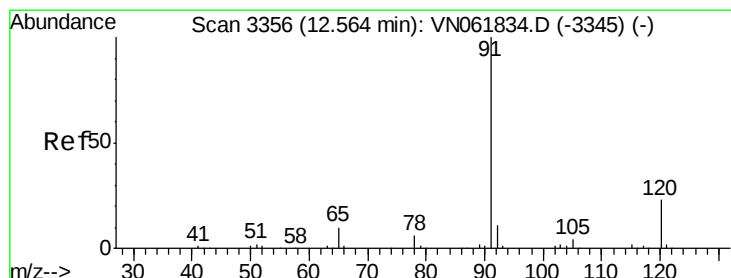
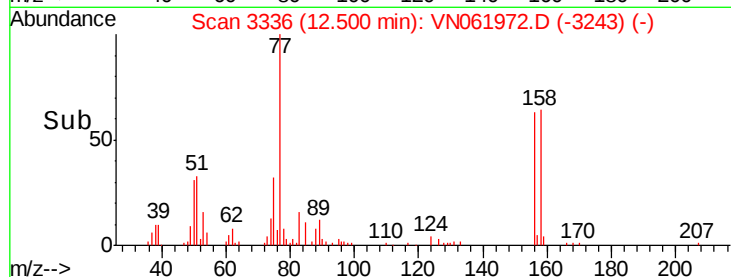
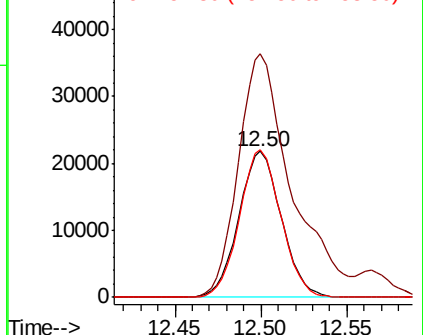


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.541 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN061972.D

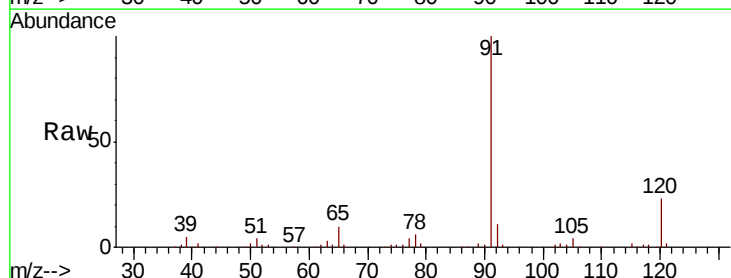
Acq: 20 Jun 2020 3:15

Tgt Ion: 91 Resp: 150810

Ion Ratio Lower Upper

91 100

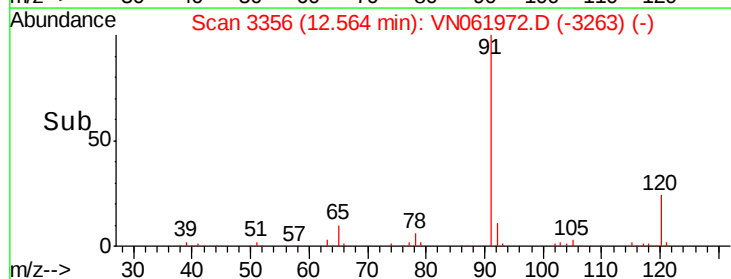
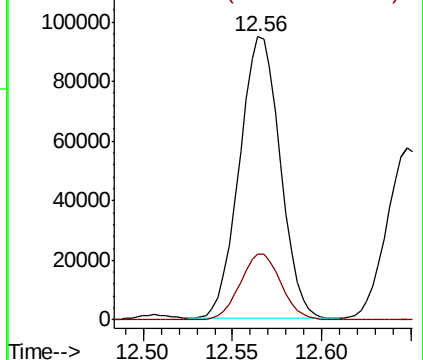
120 23.3 11.6 34.8

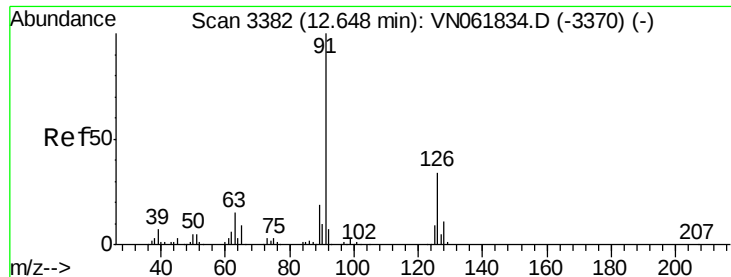


Abundance

Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.667 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061972.D

Acq: 20 Jun 2020 3:15

Instrument :

MSVOA_N

ClientSampleId :

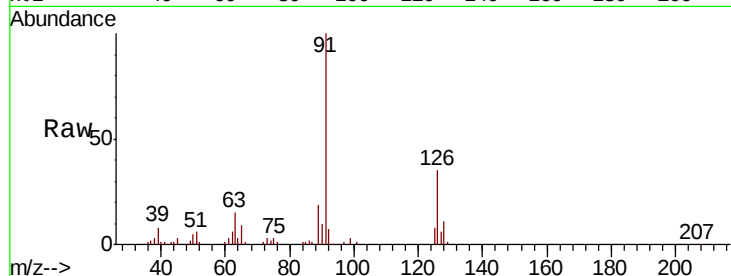
VN0619WBSD02

Tot Ion: 91 Resp: 95795

Ion Ratio Lower Upper

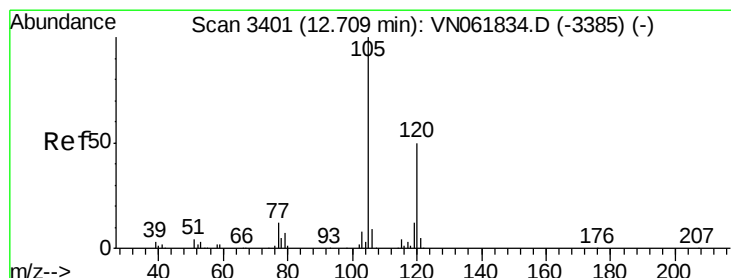
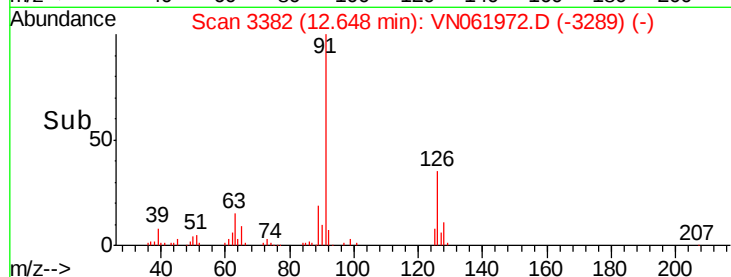
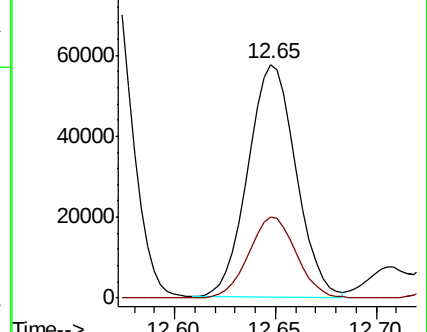
91 100

126 34.6 17.3 51.7



Abundance Ion 91.00 (90.70 to 91.70): VN061834.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN061834.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.440 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061972.D

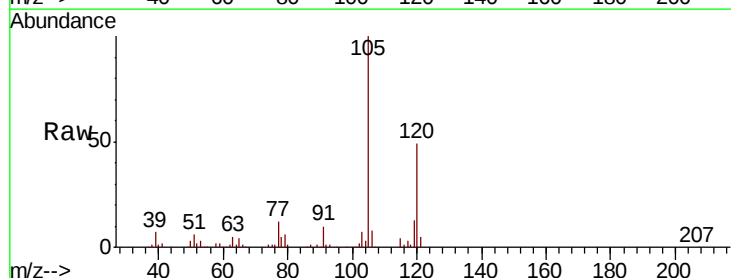
Acq: 20 Jun 2020 3:15

Tgt Ion: 105 Resp: 114378

Ion Ratio Lower Upper

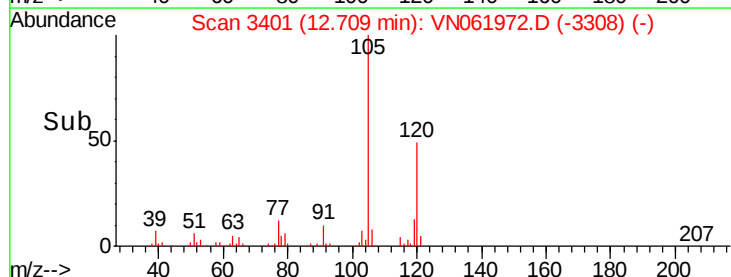
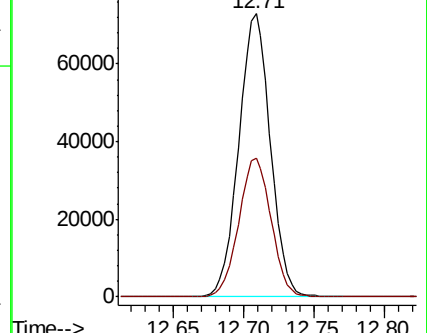
105 100

120 50.0 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): VN061834.D (-3385) (-)

Ion 120.00 (119.70 to 120.70): VN061834.D (-3385) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 22.283 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061972.D

Acq: 20 Jun 2020 3:15

Instrument :

MSVOA_N

ClientSampled :

VN0619WBSD02

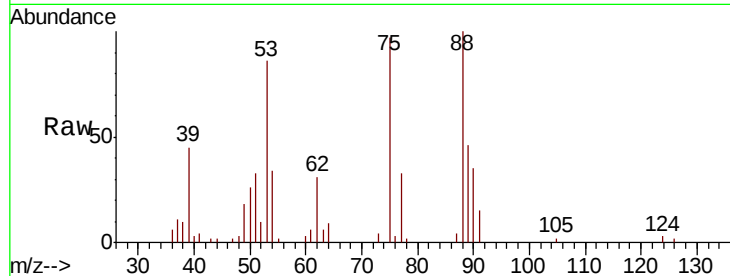
Tot Ion: 75 Resp: 15267

Ion Ratio Lower Upper

75 100

53 90.5 70.4 105.6

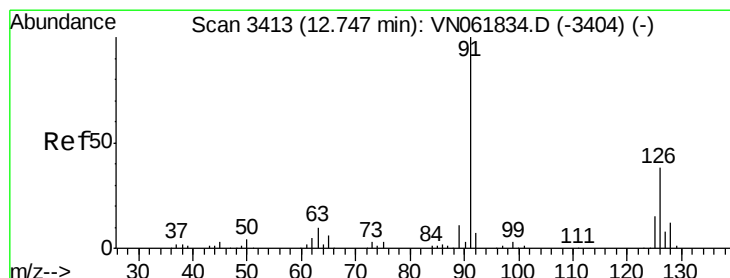
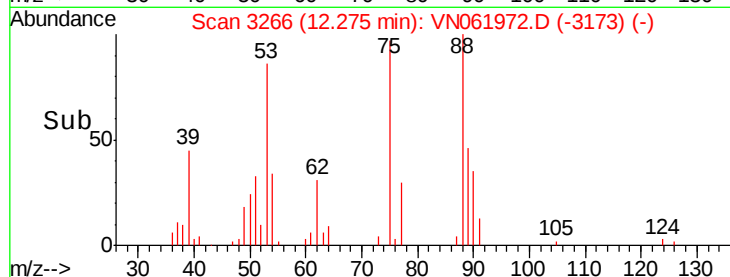
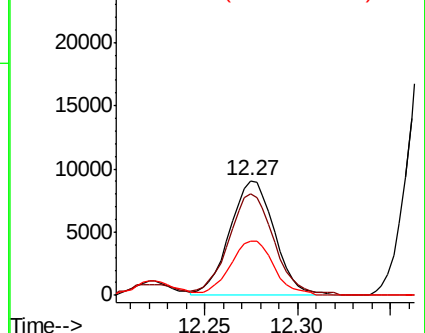
89 46.2 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN061834.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN061834.D (-3256) (-)



#82

4-Chlorotoluene

Concen: 20.645 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061972.D

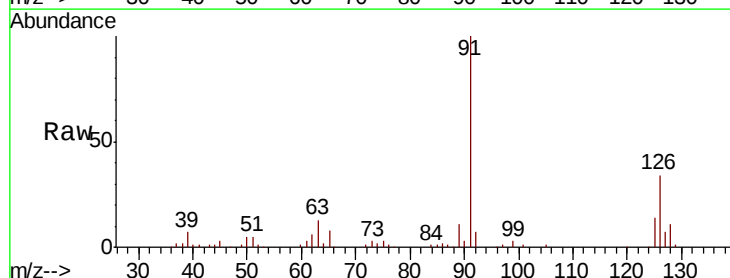
Acq: 20 Jun 2020 3:15

Tgt Ion: 91 Resp: 98884

Ion Ratio Lower Upper

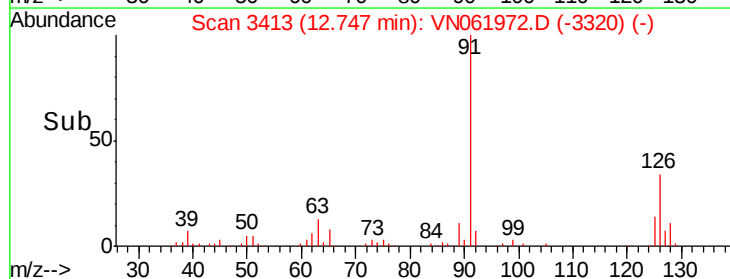
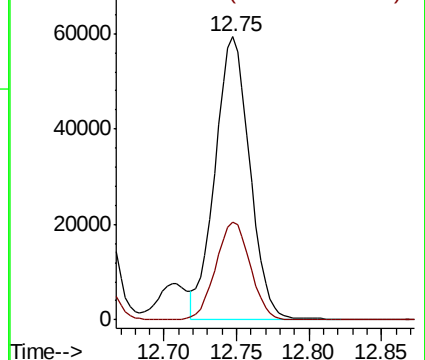
91 100

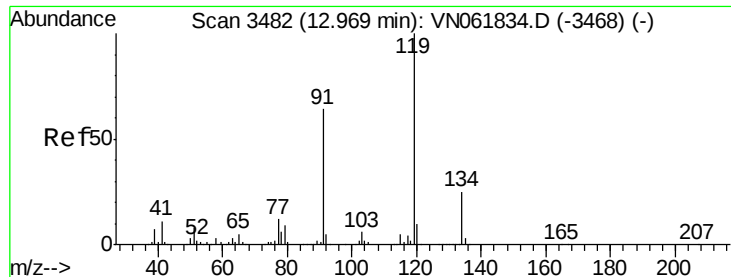
126 34.2 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN061834.D (-3404) (-)

Ion 125.90 (125.60 to 126.60): VN061834.D (-3404) (-)

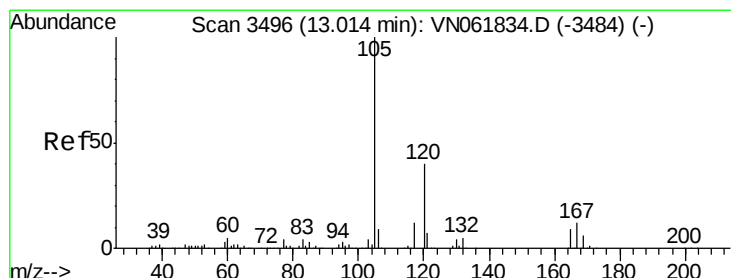
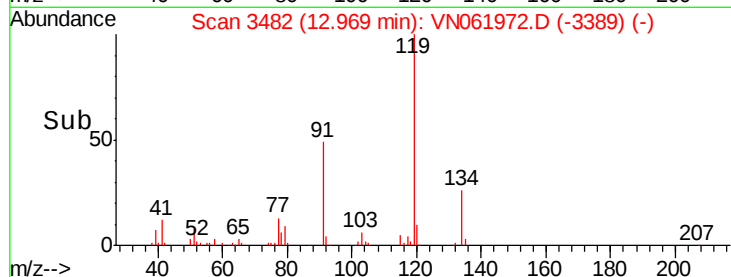
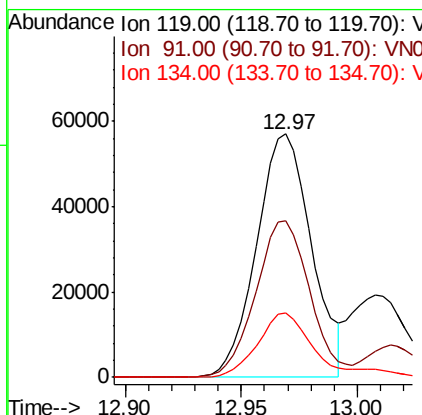
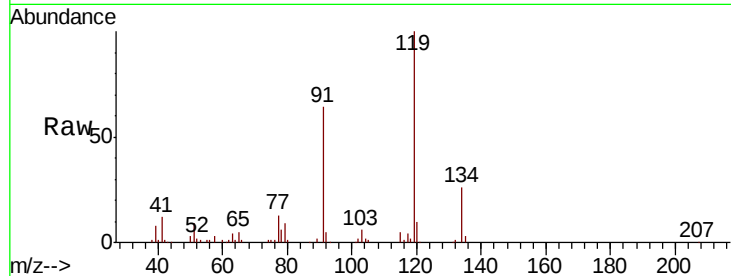




#83
 tert-Butylbenzene
 Concen: 19.796 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN061972.D
 Acq: 20 Jun 2020 3:15

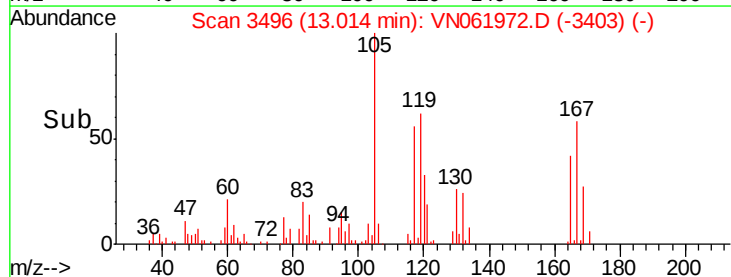
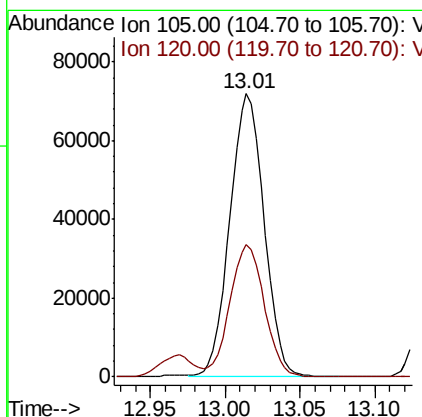
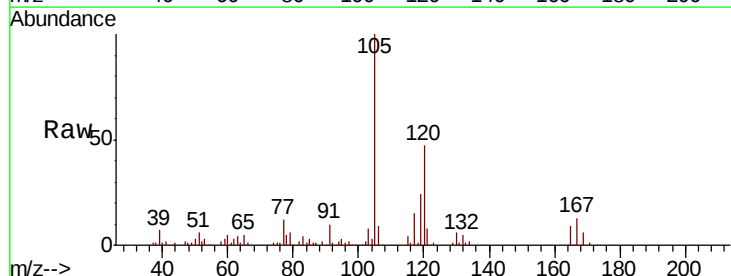
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD02

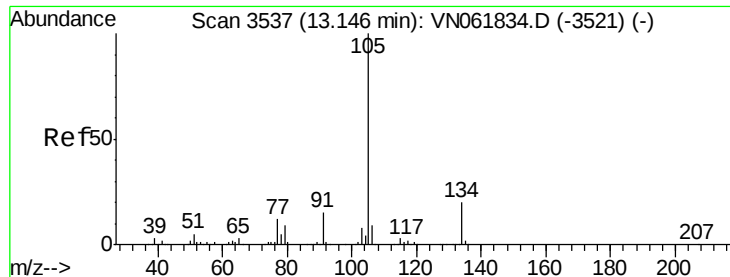
Tot Ion:119 Resp: 93910
 Ion Ratio Lower Upper
 119 100
 91 63.8 31.5 94.5
 134 25.6 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.822 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061972.D
 Acq: 20 Jun 2020 3:15

Tgt Ion:105 Resp: 115015
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.3 69.9





#85

sec-Butylbenzene

Concen: 19.425 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061972.D

Acq: 20 Jun 2020 3:15

Instrument :

MSVOA_N

ClientSampleId :

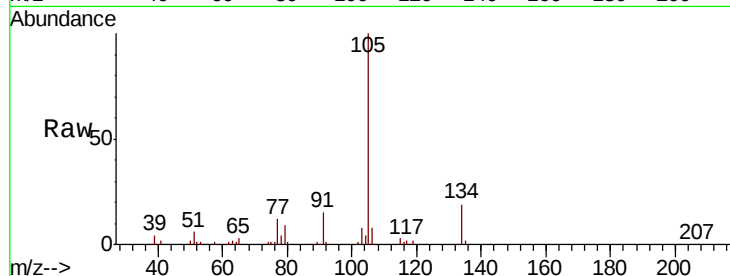
VN0619WBSD02

Tot Ion:105 Resp: 120619

Ion Ratio Lower Upper

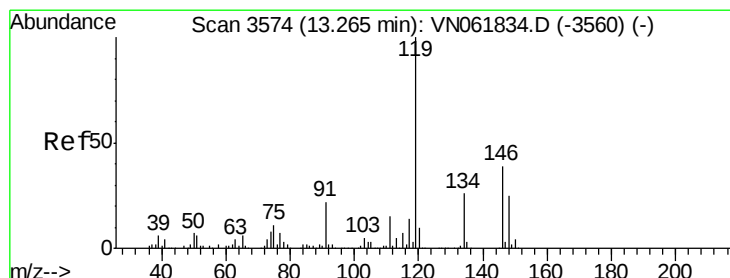
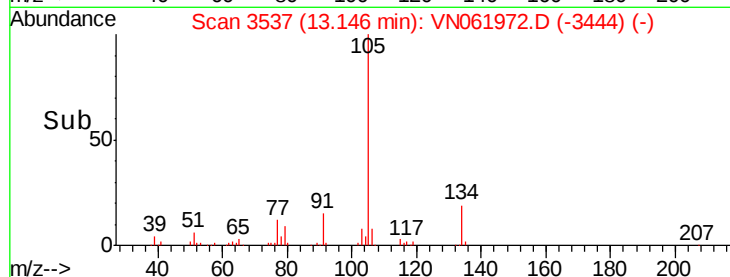
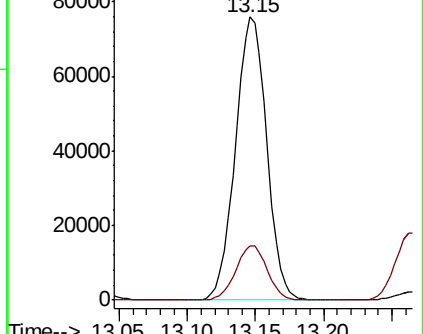
105 100

134 19.2 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.235 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061972.D

Acq: 20 Jun 2020 3:15

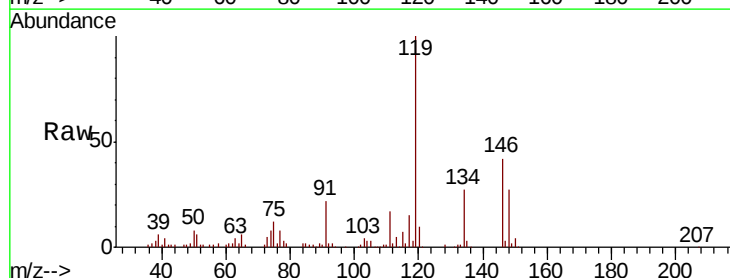
Tgt Ion:119 Resp: 106427

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.9

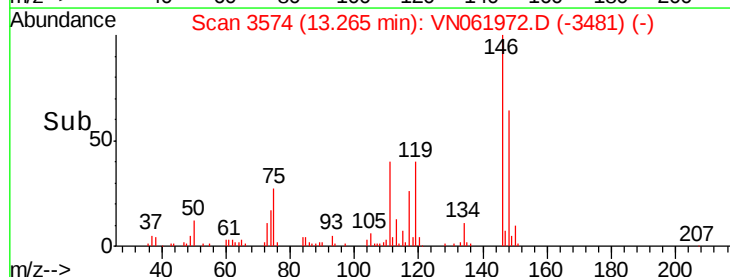
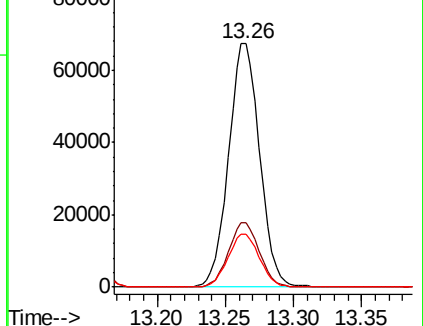
91 22.3 11.2 33.6

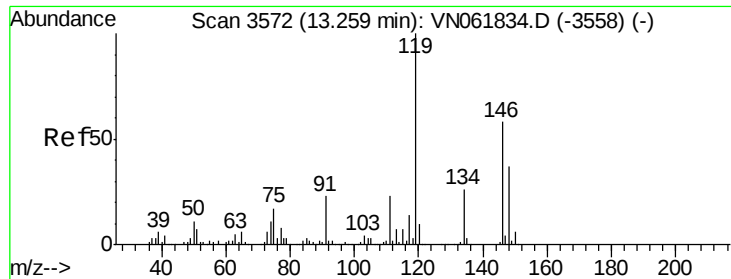


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

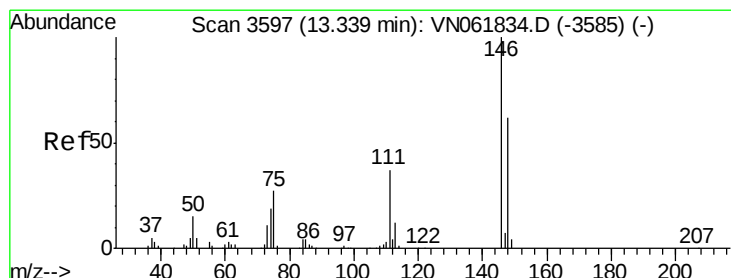
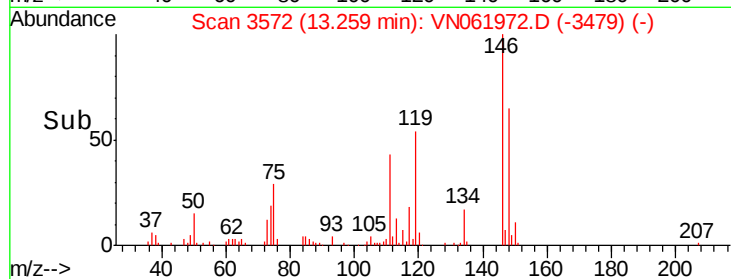
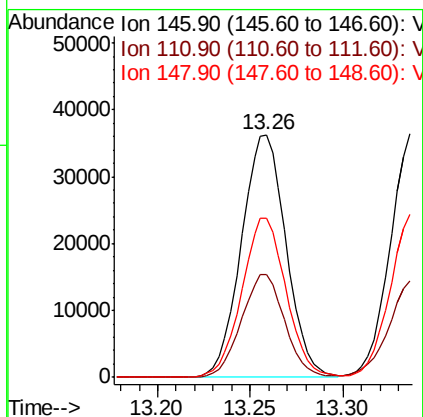
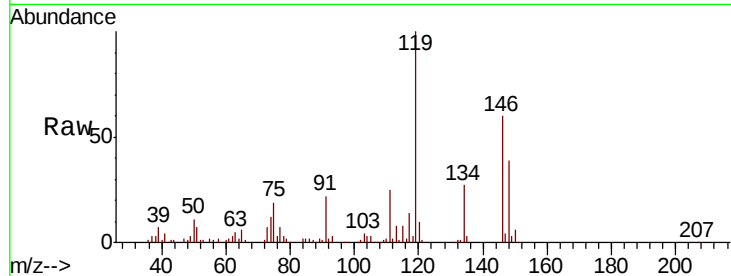




#87
 1,3-Dichlorobenzene
 Concen: 19.543 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061972.D
 Acq: 20 Jun 2020 3:15

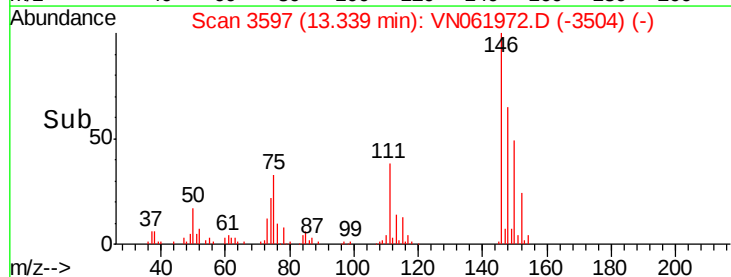
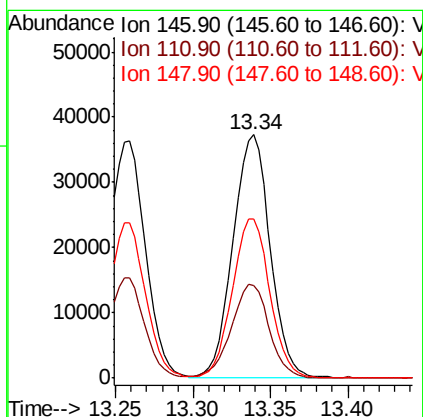
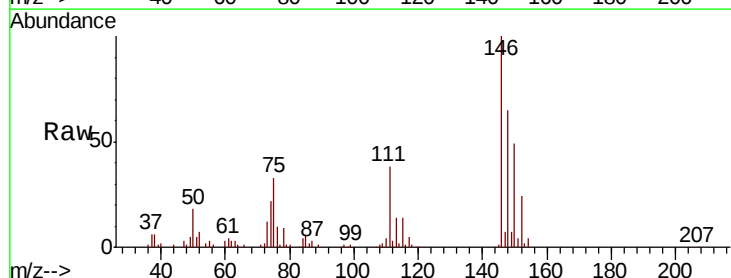
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD02

Tot Ion:146 Resp: 60822
 Ion Ratio Lower Upper
 146 100
 111 41.2 19.6 58.8
 148 65.0 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.591 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061972.D
 Acq: 20 Jun 2020 3:15

Tgt Ion:146 Resp: 62412
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.3 57.8
 148 65.7 31.6 94.7





#89

n-Butylbenzene

Concen: 17.772 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN061972.D

Acq: 20 Jun 2020 3:15

Instrument :

MSVOA_N

ClientSampled :

VN0619WBSD02

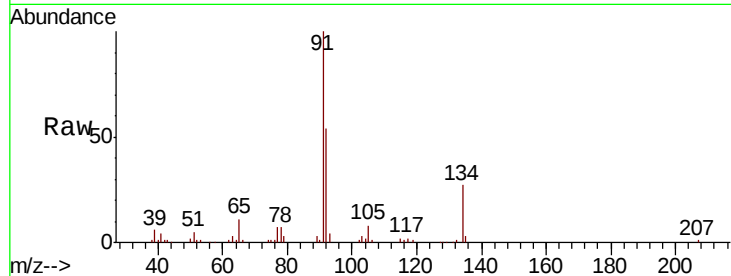
Tot Ion: 91 Resp: 82123

Ion Ratio Lower Upper

91 100

92 52.7 27.0 80.8

134 26.4 13.0 39.0

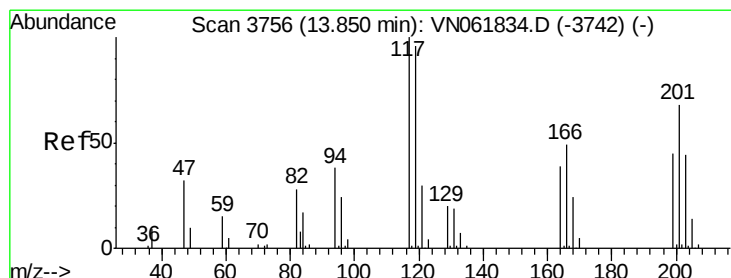
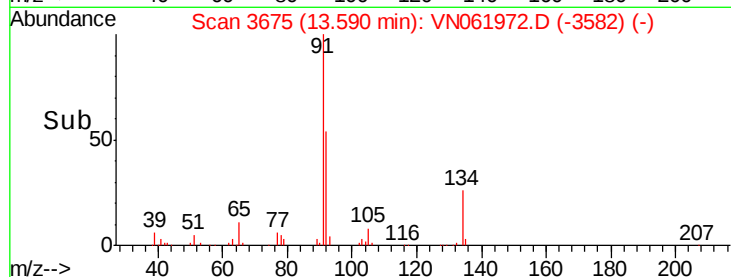


Abundance Ion 91.00 (90.70 to 91.70): VN061834.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN061834.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN061834.D (-3661) (-)

Time-->



#90

Hexachloroethane

Concen: 19.351 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN061972.D

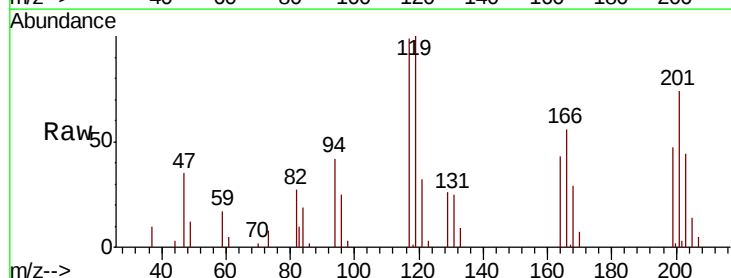
Acq: 20 Jun 2020 3:15

Tgt Ion: 117 Resp: 19599

Ion Ratio Lower Upper

117 100

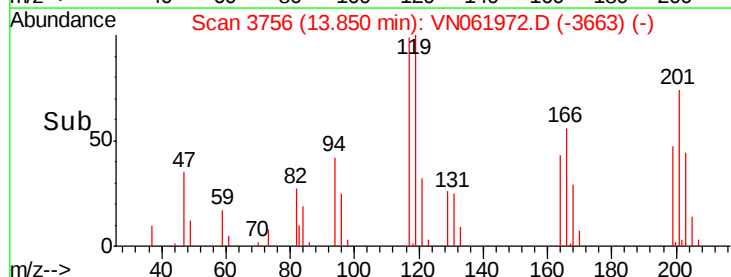
201 68.8 34.6 103.8



Abundance Ion 116.80 (116.50 to 117.50): VN061834.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN061834.D (-3742) (-)

Time-->

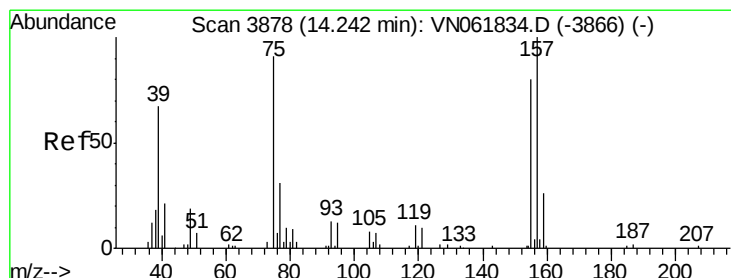
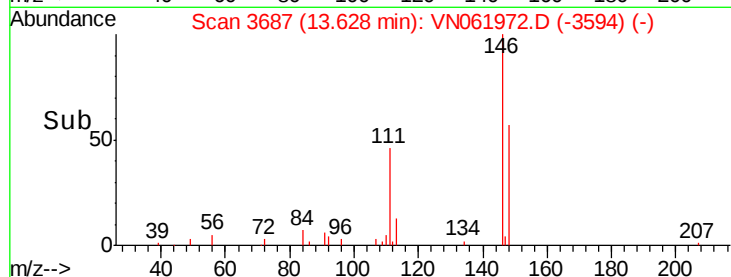
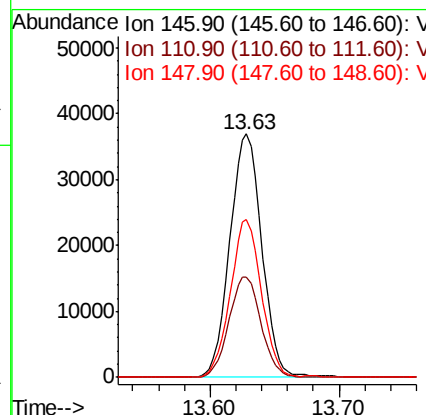
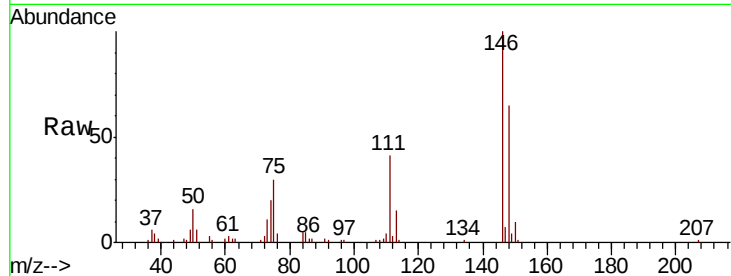




#91
 1,2-Dichlorobenzene
 Concen: 21.183 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061972.D
 Acq: 20 Jun 2020 3:15

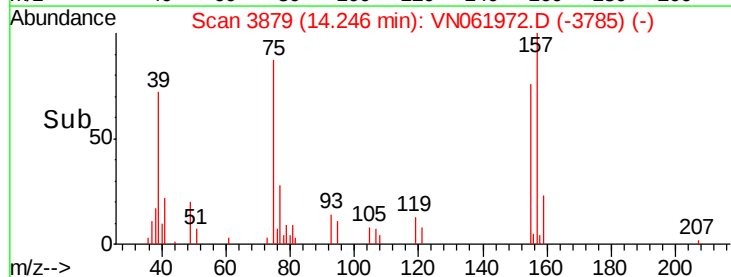
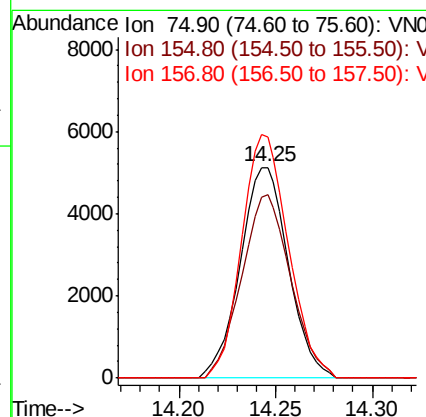
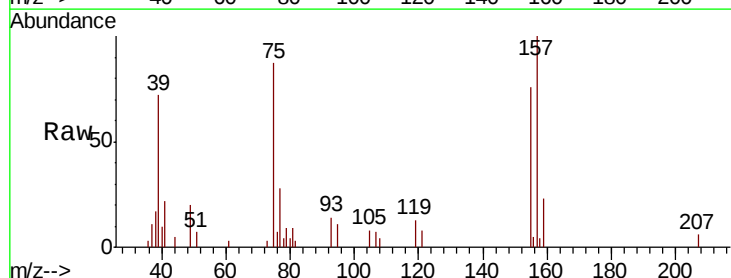
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD02

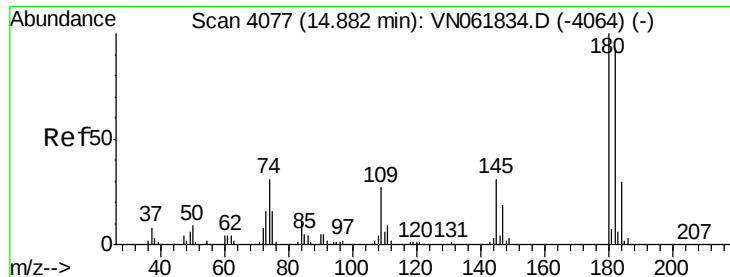
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.4	61.2
148	62.9	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.860 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061972.D
 Acq: 20 Jun 2020 3:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.6	44.4	133.2
157	112.2	57.0	171.2

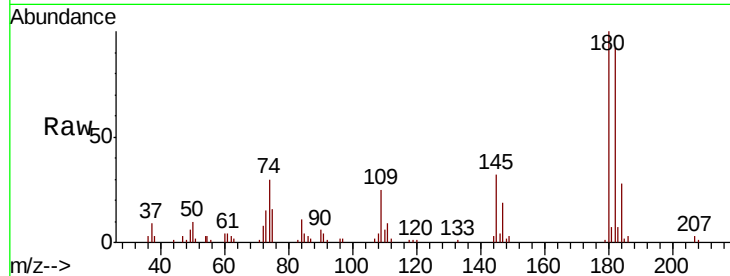




#93
 1,2,4-Trichlorobenzene
 Concen: 19.514 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061972.D
 Acq: 20 Jun 2020 3:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.8	47.0	141.2
145	31.0	15.8	47.3

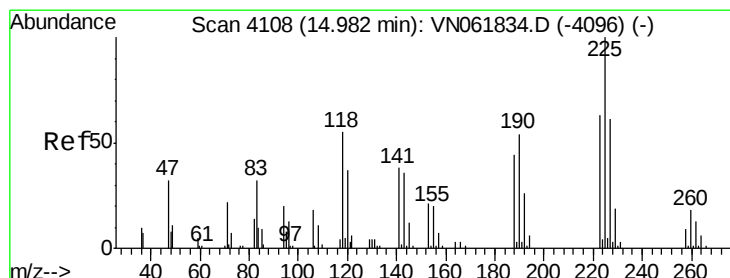
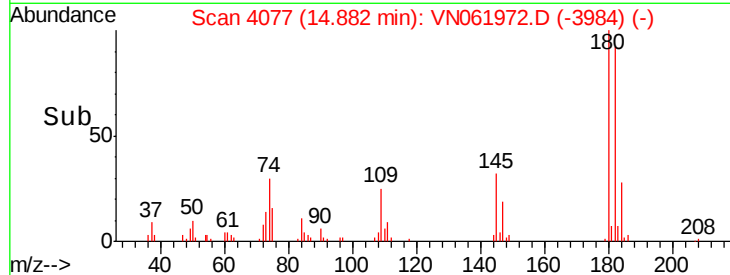
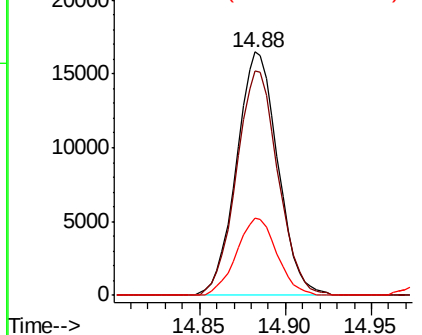


Abundance

Ion 179.80 (179.50 to 180.50): V

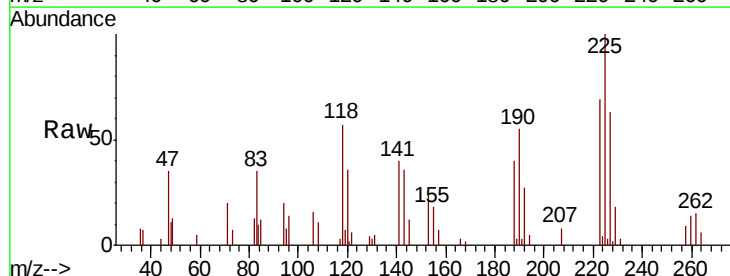
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.739 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN061972.D
 Acq: 20 Jun 2020 3:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.2	31.7	95.1
227	64.1	30.1	90.3

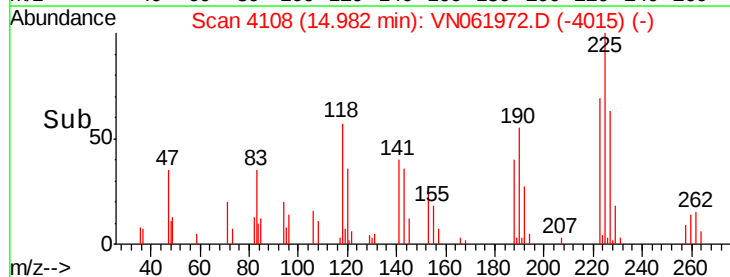
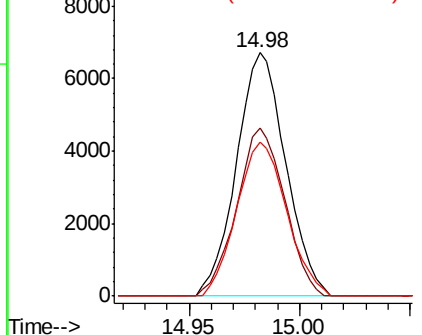


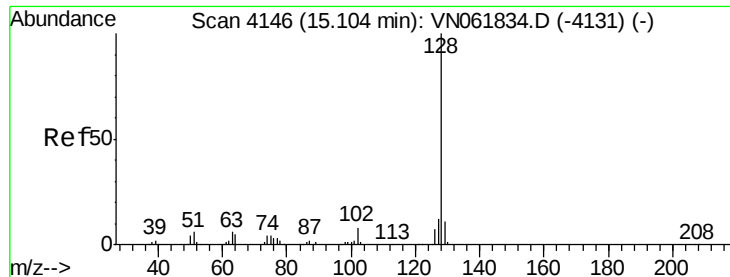
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

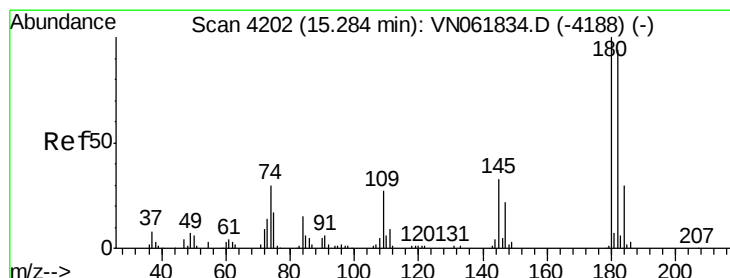
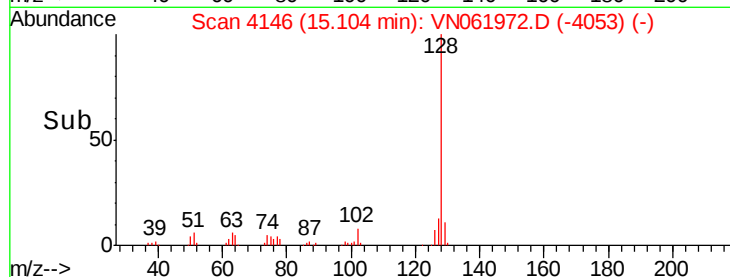
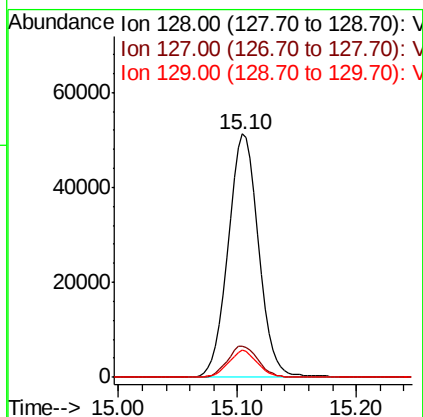
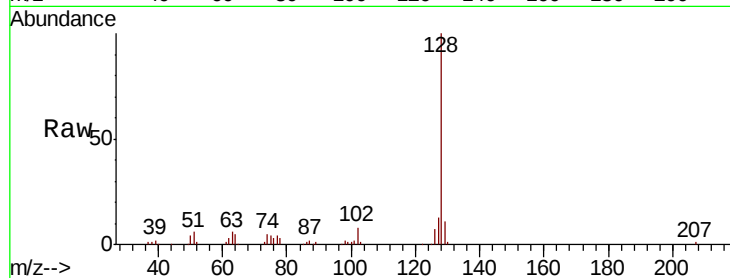




#95
Naphthalene
Concen: 21.386 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061972.D
Acq: 20 Jun 2020 3:15

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD02

Tot Ion:128 Resp: 91113
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.5 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.350 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN061972.D
Acq: 20 Jun 2020 3:15

Tgt Ion:180 Resp: 28495
Ion Ratio Lower Upper
180 100
182 94.0 47.9 143.6
145 33.6 16.5 49.5

