

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
 Data File : VN061895.D
 Acq On : 18 Jun 2020 13:14
 Operator : JC/MD
 Sample : VN0618WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBSD01

Quant Time: Jun 19 05:24:58 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	144412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	250266	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	234151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	108325	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	94933	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
35) Dibromofluoromethane	7.55	113	80367	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
50) Toluene-d8	10.06	98	304588	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
62) 4-Bromofluorobenzene	12.38	95	99124	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	39449	21.164	ug/l	99
3) Chloromethane	2.03	50	41002	20.455	ug/l	98
4) Vinyl Chloride	2.16	62	51101	21.384	ug/l	97
5) Bromomethane	2.53	94	35407	19.295	ug/l	97
6) Chloroethane	2.67	64	34285	21.199	ug/l	97
7) Trichlorofluoromethane	2.98	101	54157	18.973	ug/l	97
8) Diethyl Ether	3.38	74	19740	20.571	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	31177	21.290	ug/l	99
10) Methyl Iodide	3.91	142	34408	22.717	ug/l	97
11) Tert butyl alcohol	4.73	59	26102	97.392	ug/l #	94
12) 1,1-Dichloroethene	3.70	96	29518	20.117	ug/l	95
13) Acrolein	3.57	56	12712	79.359	ug/l	97
14) Allyl chloride	4.27	41	38042	19.535	ug/l	99
15) Acrylonitrile	4.93	53	70987	106.894	ug/l	99
16) Acetone	3.78	43	56641	99.007	ug/l	99
17) Carbon Disulfide	4.01	76	84735	19.737	ug/l	100
18) Methyl Acetate	4.28	43	34371	20.868	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	100265	20.523	ug/l	100
20) Methylene Chloride	4.50	84	36700	19.690	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	34184	20.283	ug/l	99
22) Diisopropyl ether	5.90	45	88648	19.904	ug/l	95
23) Vinyl Acetate	5.84	43	352131	100.524	ug/l	99
24) 1,1-Dichloroethane	5.80	63	58919	20.209	ug/l	99
25) 2-Butanone	6.79	43	86526	103.664	ug/l	100
26) 2,2-Dichloropropane	6.78	77	48423	19.741	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	38647	19.874	ug/l	99
28) Bromochloromethane	7.15	49	25899	19.951	ug/l	97
29) Tetrahydrofuran	7.17	42	57726	105.088	ug/l	99
30) Chloroform	7.33	83	61996	19.896	ug/l	98
31) Cyclohexane	7.61	56	48358	18.947	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	51774	19.510	ug/l	99
36) 1,1-Dichloropropene	7.75	75	44072	19.307	ug/l	99
37) Ethyl Acetate	6.88	43	37125	20.827	ug/l	99
38) Carbon Tetrachloride	7.73	117	46139	20.411	ug/l	99

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 Sample : VN0618WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBSD01

Quant Time: Jun 19 05:24:58 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)
39) Methylcyclohexane	9.05	83	47413	19.289	ug/l	97
40) Benzene	8.00	78	137320	19.859	ug/l	97
41) Methacrylonitrile	7.12	41	12435	16.314	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	48125	20.411	ug/l	98
43) Isopropyl Acetate	8.13	43	60059	19.993	ug/l #	90
44) Trichloroethene	8.80	130	36890	20.271	ug/l	94
45) 1,2-Dichloropropane	9.08	63	34298	20.183	ug/l	98
46) Dibromomethane	9.18	93	24398	20.389	ug/l	98
47) Bromodichloromethane	9.37	83	49236	20.094	ug/l	99
48) Methyl methacrylate	9.17	41	26369	19.302	ug/l	97
49) 1,4-Dioxane	9.17	88	13204	420.982	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	184209	103.768	ug/l	100
52) Toluene	10.12	92	88097	20.286	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	51164	19.669	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	56499	19.997	ug/l	97
55) 1,1,2-Trichloroethane	10.54	97	35882	21.000	ug/l	98
56) Ethyl methacrylate	10.40	69	45276	19.243	ug/l	99
57) 1,3-Dichloropropane	10.68	76	58965	20.370	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	82939	91.974	ug/l	99
59) 2-Hexanone	10.72	43	130850	100.722	ug/l	99
60) Dibromochloromethane	10.87	129	38794	20.347	ug/l	100
61) 1,2-Dibromoethane	10.98	107	36568	20.496	ug/l	99
64) Tetrachloroethene	10.60	164	30692	20.566	ug/l	97
65) Chlorobenzene	11.41	112	95702	19.370	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	34572	20.063	ug/l	98
67) Ethyl Benzene	11.48	91	159480	19.252	ug/l	97
68) m/p-Xylenes	11.60	106	127816	40.014	ug/l	97
69) o-Xylene	11.92	106	60229	19.761	ug/l	100
70) Styrene	11.94	104	100018	19.599	ug/l	99
71) Bromoform	12.10	173	25155	20.021	ug/l #	99
73) Isopropylbenzene	12.22	105	156089	20.277	ug/l	99
74) N-amyl acetate	12.04	43	48275	19.320	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	52083	20.811	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	61416	28.879	ug/l #	100
77) Bromobenzene	12.50	156	39487	20.333	ug/l	98
78) n-propylbenzene	12.57	91	173426	19.745	ug/l	99
79) 2-Chlorotoluene	12.65	91	107377	20.355	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	129604	20.351	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	15055	19.308	ug/l	95
82) 4-Chlorotoluene	12.75	91	107164	19.660	ug/l	99
83) tert-Butylbenzene	12.97	119	110915	20.544	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	131103	20.855	ug/l	100
85) sec-Butylbenzene	13.15	105	144115	20.394	ug/l	98
86) p-Isopropyltoluene	13.26	119	129468	20.560	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	68553	19.354	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	69190	19.084	ug/l	98
89) n-Butylbenzene	13.59	91	100077	19.030	ug/l	98
90) Hexachloroethane	13.85	117	22894	19.862	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	68731	20.156	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	8120	19.985	ug/l	98

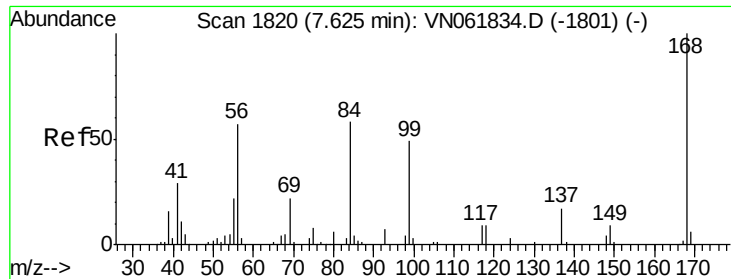
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
Data File : VN061895.D
Acq On : 18 Jun 2020 13:14
Operator : JC/MD
Sample : VN0618WBSD01
Misc : 5.00mL/MSVOA N/WATER
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VN0618WBSD01

Quant Time: Jun 19 05:24:58 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)
93) 1,2,4-Trichlorobenzene	14.88	180	30311	18.838	ug/l	100
94) Hexachlorobutadiene	14.98	225	12490	19.709	ug/l	96
95) Naphthalene	15.10	128	87521	18.594	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	31823	19.970	ug/l	99

(#) = 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: VN061895.D

Acq: 18 Jun 2020 13:14

Instrument :

MSVOA_N

ClientSampleId :

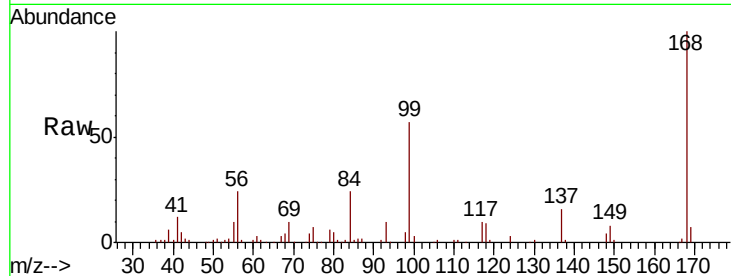
VN0618WBSD01

Tot Ion:168 Resp: 144412

Ion Ratio Lower Upper

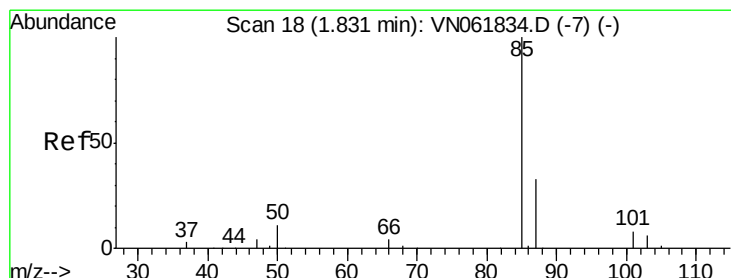
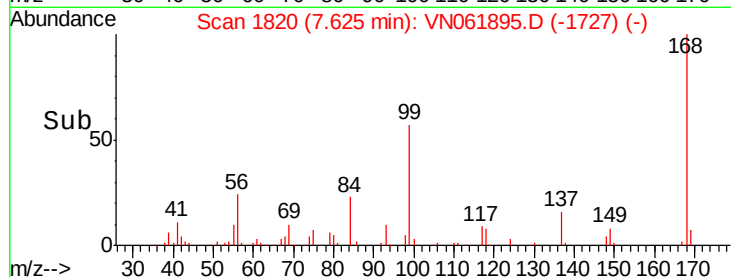
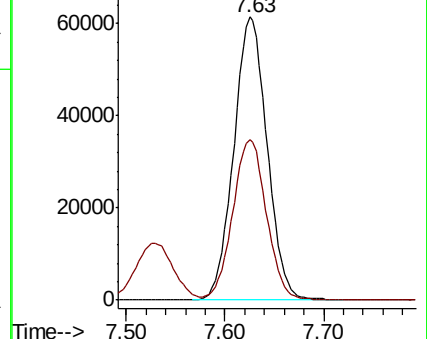
168 100

99 56.6 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 21.164 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061895.D

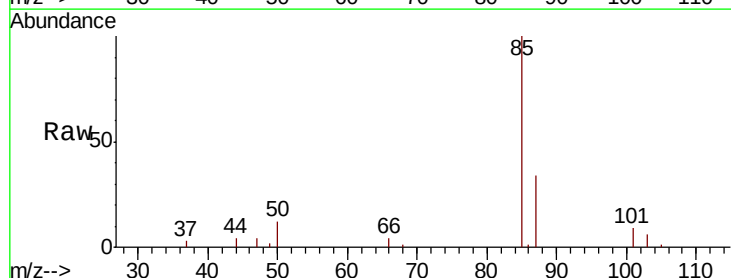
Acq: 18 Jun 2020 13:14

Tgt Ion: 85 Resp: 39449

Ion Ratio Lower Upper

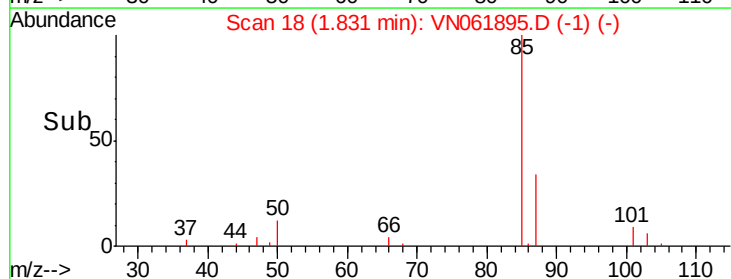
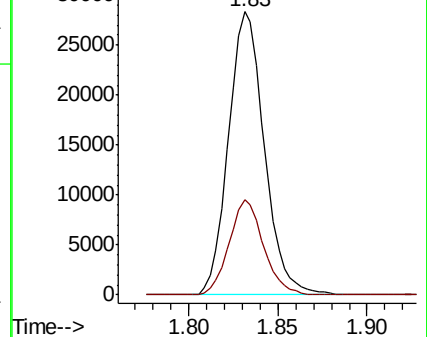
85 100

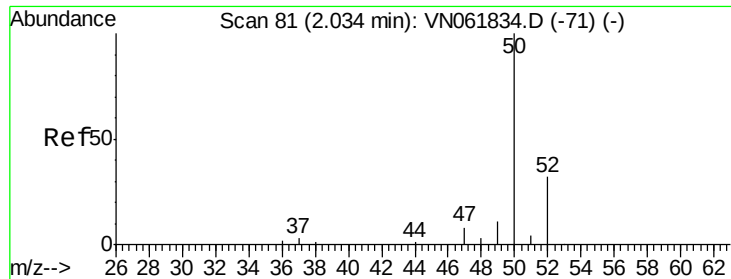
87 33.6 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 20.455 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061895.D

Acq: 18 Jun 2020 13:14

Instrument :

MSVOA_N

ClientSampleId :

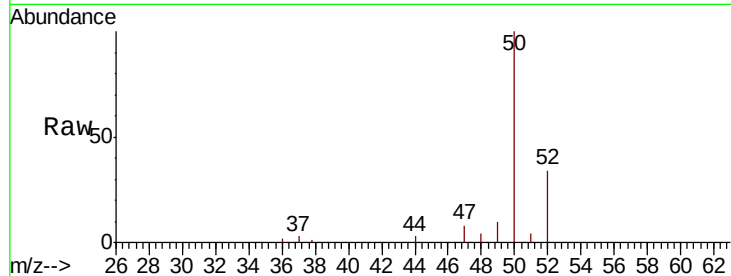
VN0618WBSD01

Tot Ion: 50 Resp: 41002

Ion Ratio Lower Upper

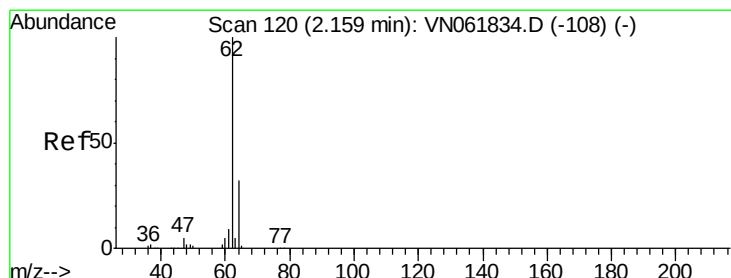
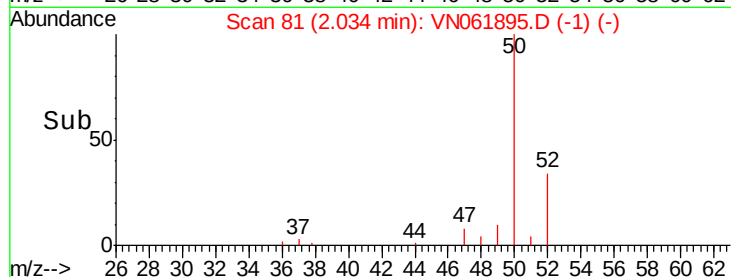
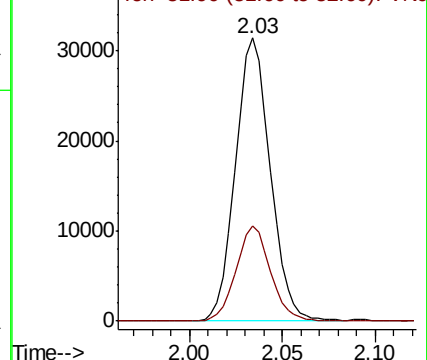
50 100

52 33.6 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 21.384 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061895.D

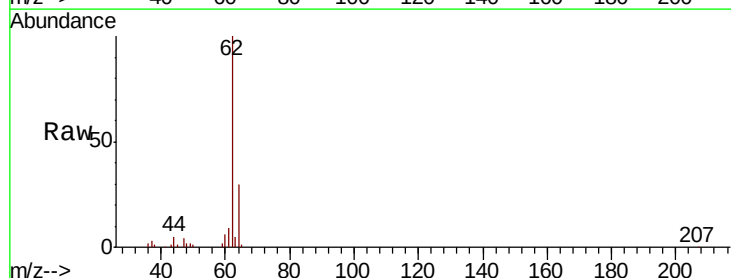
Acq: 18 Jun 2020 13:14

Tgt Ion: 62 Resp: 51101

Ion Ratio Lower Upper

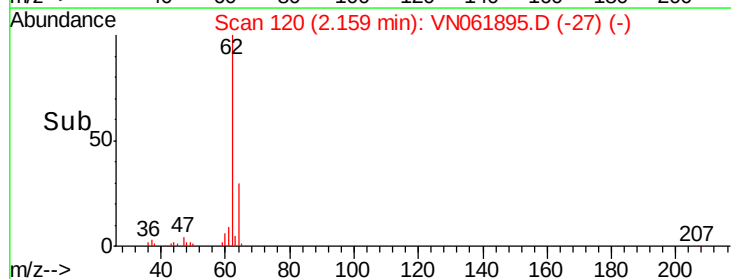
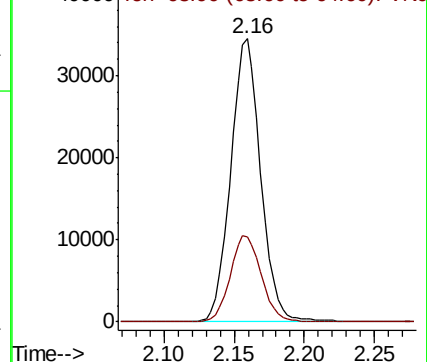
62 100

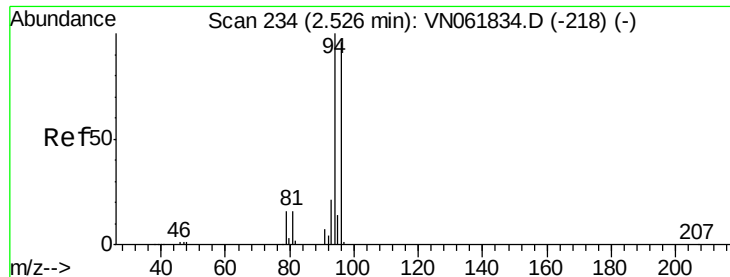
64 30.2 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 19.295 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.00 min

Lab File: VN061895.D

Acq: 18 Jun 2020 13:14

Instrument :

MSVOA_N

ClientSampleId :

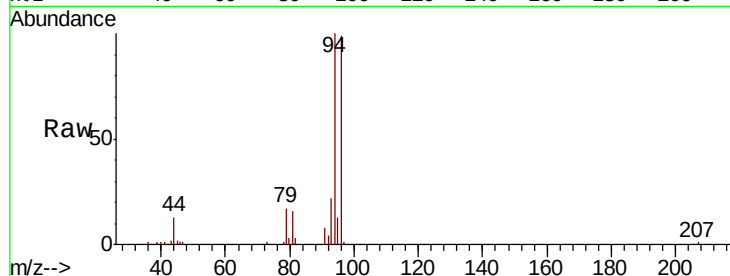
VN0618WBSD01

Tot Ion: 94 Resp: 35407

Ion Ratio Lower Upper

94 100

96 99.1 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

20000

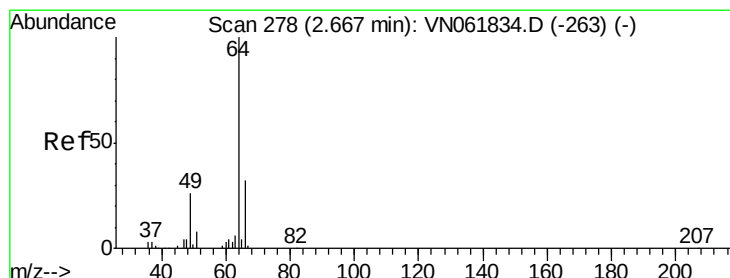
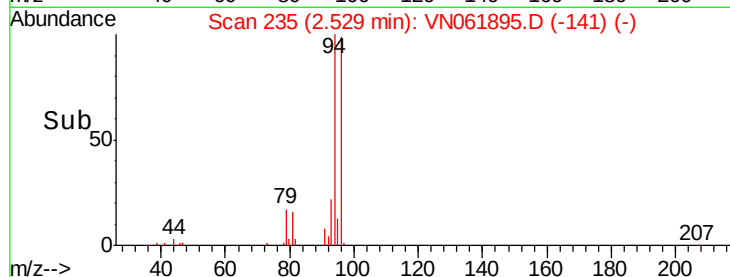
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 21.199 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN061895.D

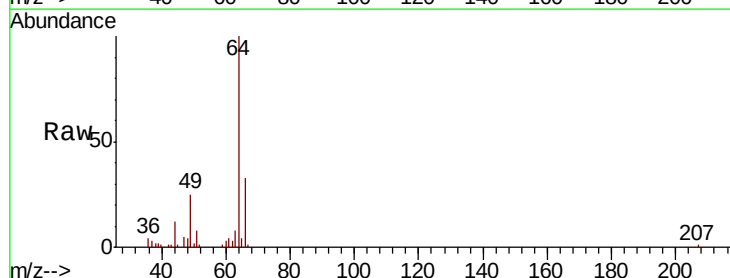
Acq: 18 Jun 2020 13:14

Tgt Ion: 64 Resp: 34285

Ion Ratio Lower Upper

64 100

66 33.3 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

20000

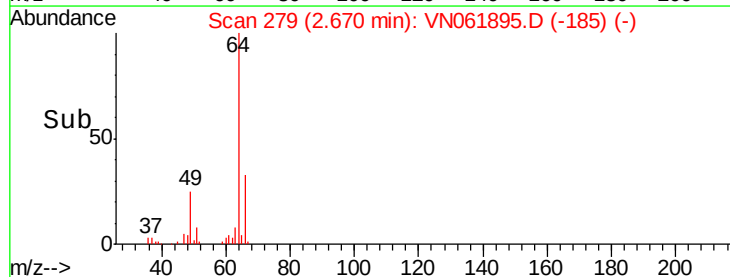
15000

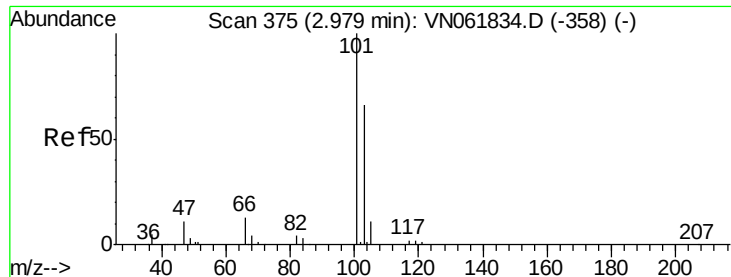
10000

5000

0

Time-->



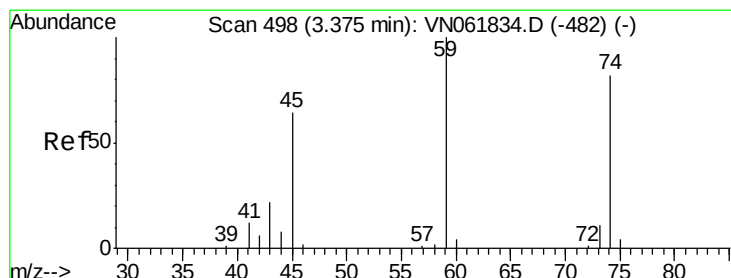
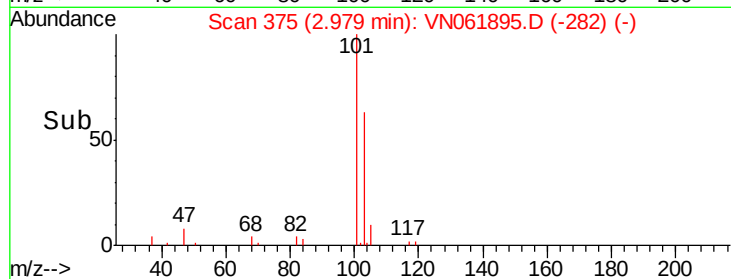
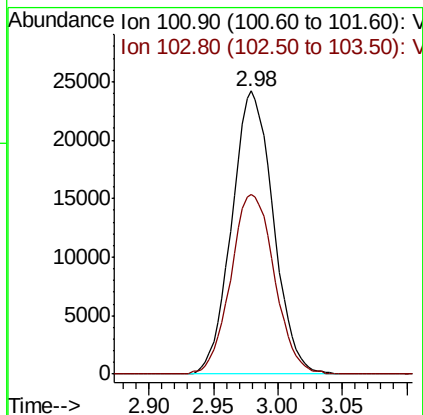
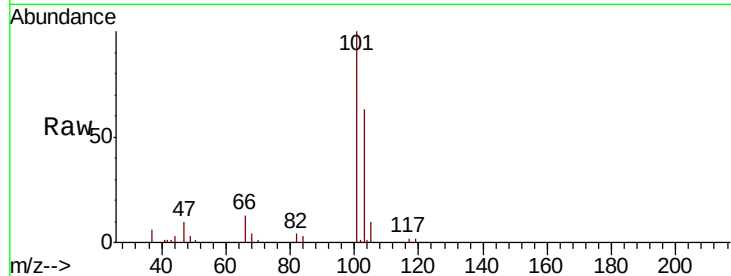


#7

Trichlorofluoromethane
 Concen: 18.973 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN061895.D
 Acq: 18 Jun 2020 13:14

Instrument :
 MSVOA_N
 ClientSampled :
 VN0618WBSD01

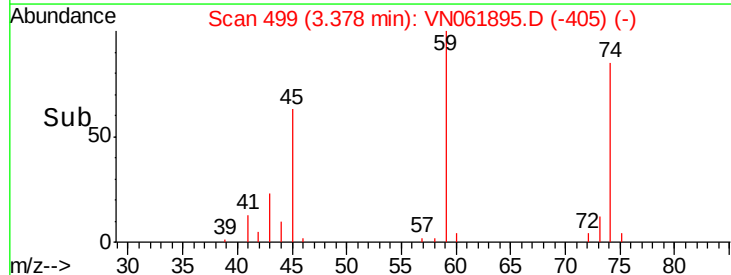
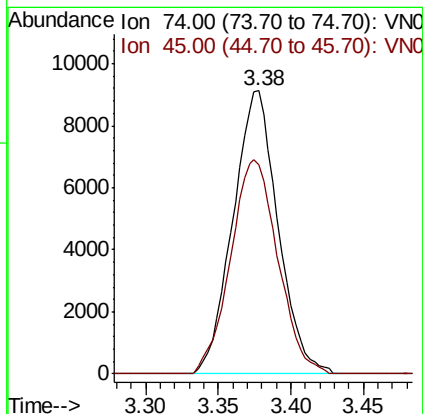
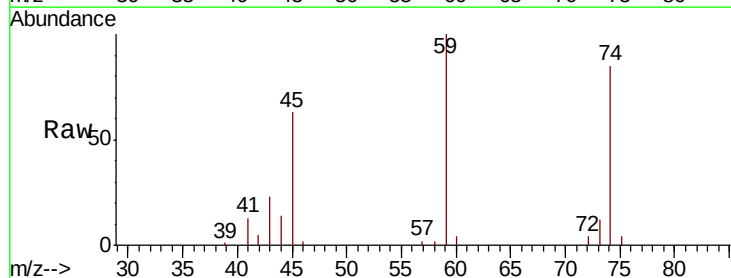
Tot Ion:101 Resp: 54157
 Ion Ratio Lower Upper
 101 100
 103 63.3 52.8 79.2

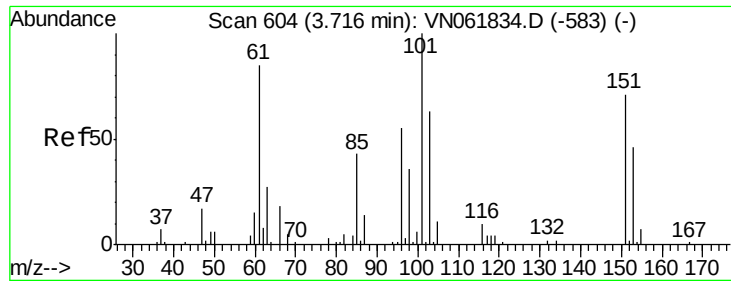


#8

Diethyl Ether
 Concen: 20.571 ug/l
 RT: 3.38 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: VN061895.D
 Acq: 18 Jun 2020 13:14

Tgt Ion: 74 Resp: 19740
 Ion Ratio Lower Upper
 74 100
 45 79.2 39.1 117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.290 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN061895.D

Acq: 18 Jun 2020 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBSD01

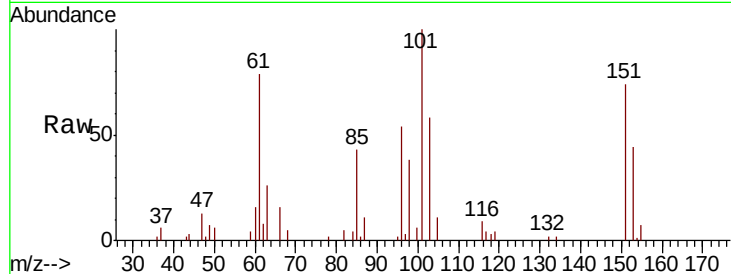
Tot Ion:101 Resp: 31177

Ion Ratio Lower Upper

101 100

85 42.1 35.0 52.6

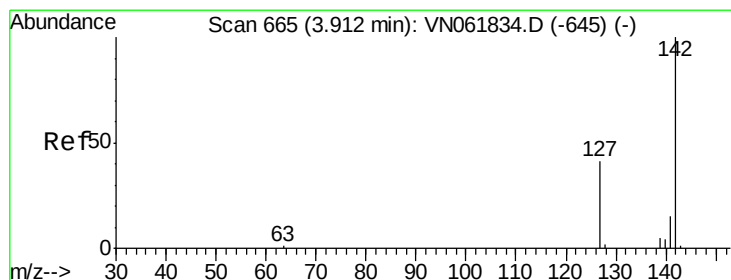
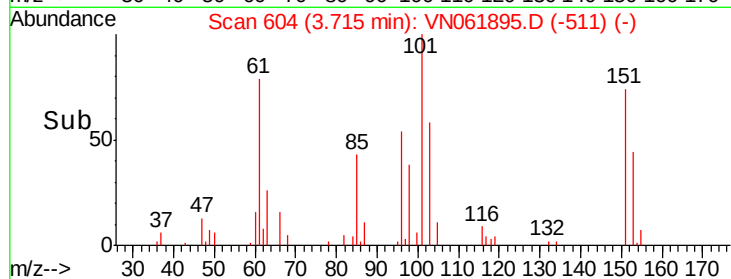
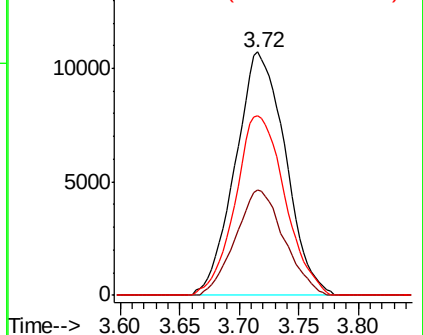
151 73.4 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.717 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN061895.D

Acq: 18 Jun 2020 13:14

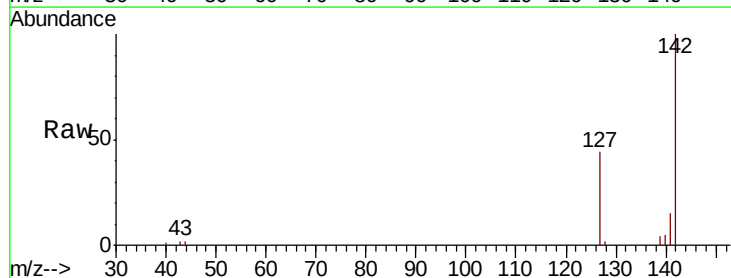
Tgt Ion:142 Resp: 34408

Ion Ratio Lower Upper

142 100

127 43.7 33.4 50.0

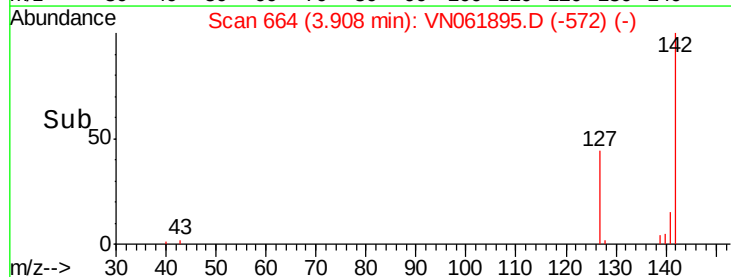
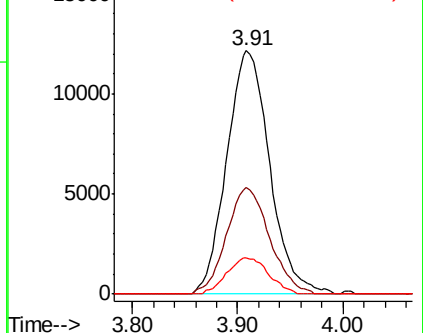
141 14.4 11.3 16.9

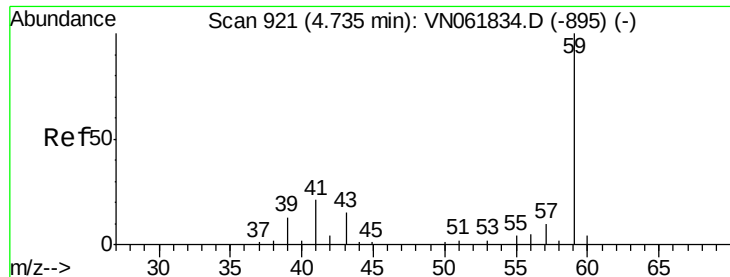


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



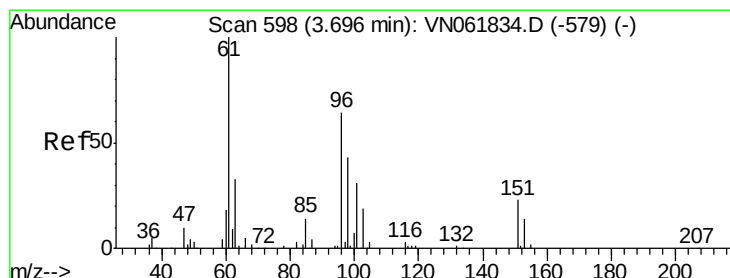
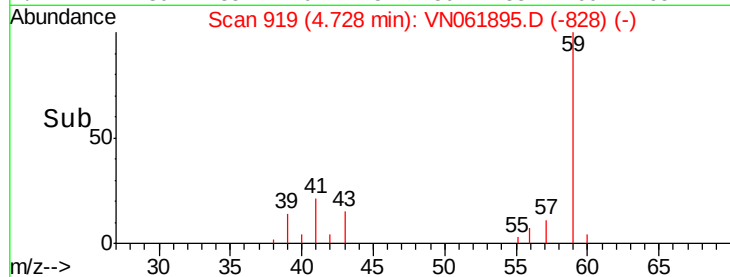
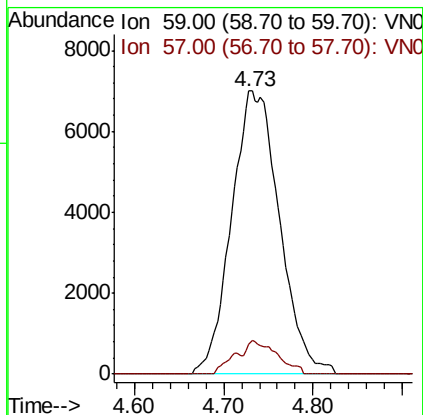
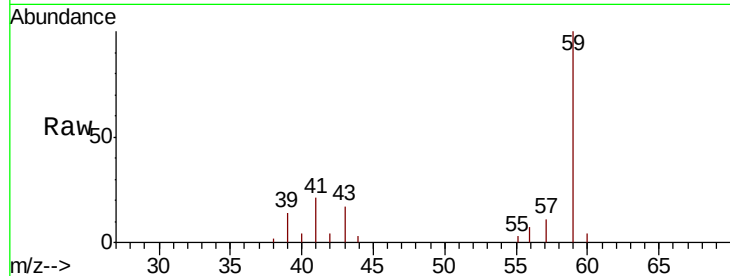


#11

Tert butyl alcohol
 Concen: 97.392 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VN061895.D
 Acq: 18 Jun 2020 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBSD01

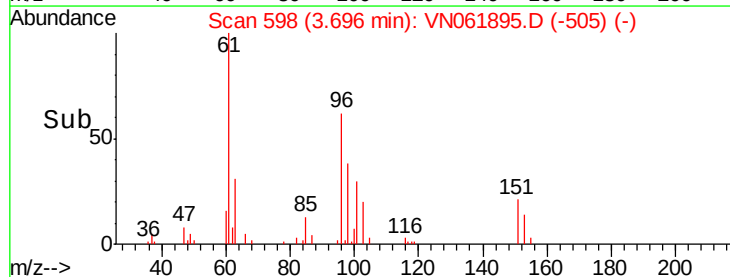
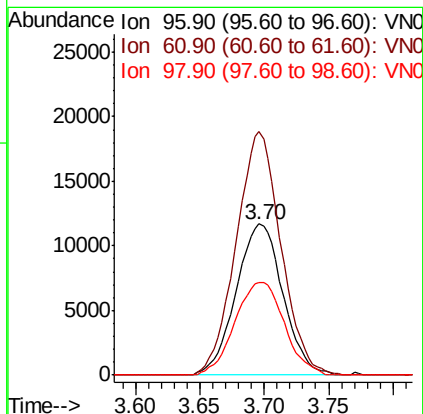
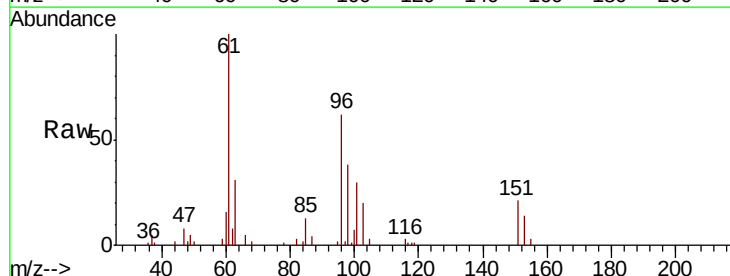
Tot Ion: 59 Resp: 26102
 Ion Ratio Lower Upper
 59 100
 57 7.4 7.7 11.5#

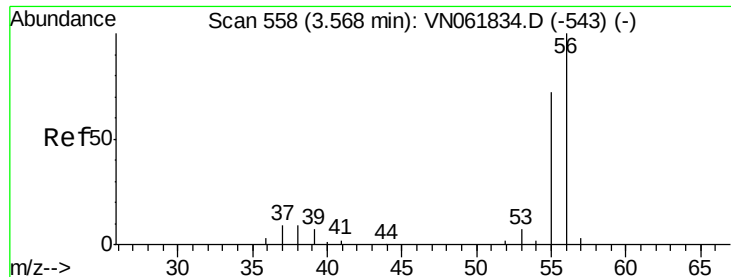


#12

1,1-Dichloroethene
 Concen: 20.117 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: VN061895.D
 Acq: 18 Jun 2020 13:14

Tgt Ion: 96 Resp: 29518
 Ion Ratio Lower Upper
 96 100
 61 161.2 124.3 186.5
 98 61.1 53.1 79.7





#13

Acrolein

Concen: 79.359 ug/l

RT: 3.57 min Scan# 558

Delta R.T. -0.00 min

Lab File: VN061895.D

Acq: 18 Jun 2020 13:14

Instrument :

MSVOA_N

ClientSampleId :

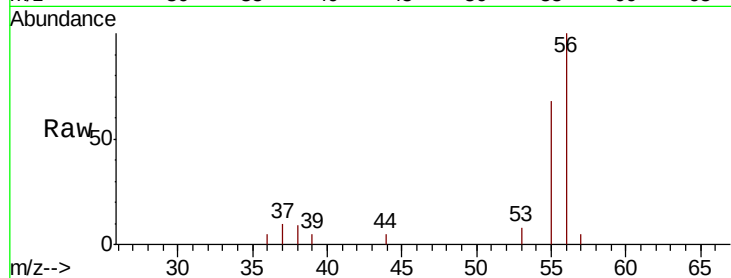
VN0618WBSD01

Tot Ion: 56 Resp: 12712

Ion Ratio Lower Upper

56 100

55 72.9 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) (-)

6000

5000

4000

3000

2000

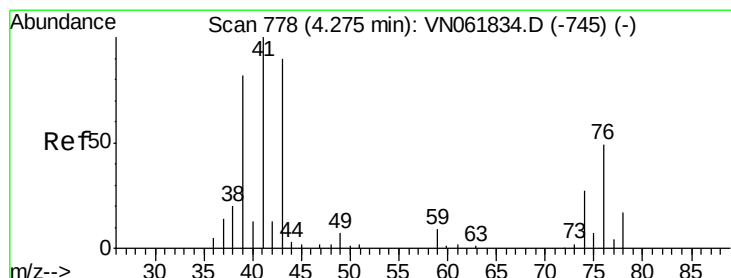
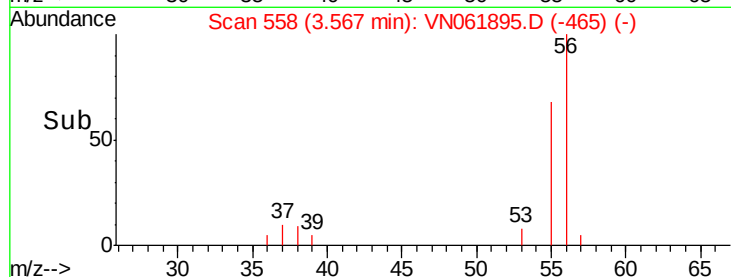
1000

0

Time-->

3.50 3.55 3.60 3.65

3.57



#14

Allyl chloride

Concen: 19.535 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061895.D

Acq: 18 Jun 2020 13:14

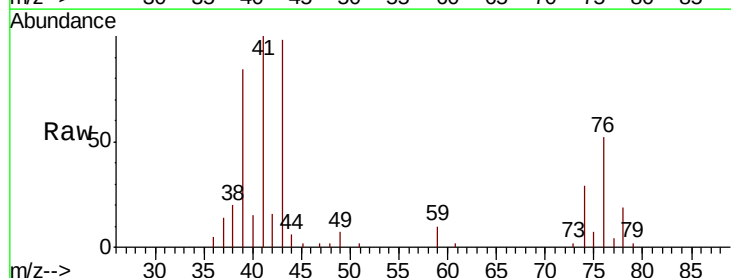
Tgt Ion: 41 Resp: 38042

Ion Ratio Lower Upper

41 100

39 75.3 60.2 90.2

76 46.5 36.3 54.5



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

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

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

15000

10000

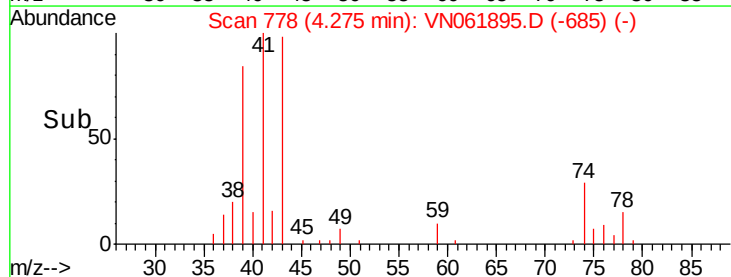
5000

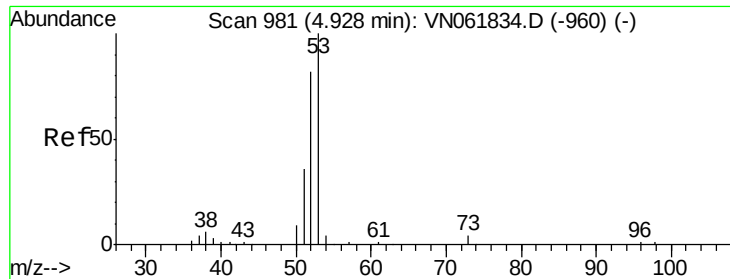
0

Time-->

4.10 4.20 4.30 4.40

4.27





#15

Acrylonitrile

Concen: 106.894 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061895.D

Acq: 18 Jun 2020 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBSD01

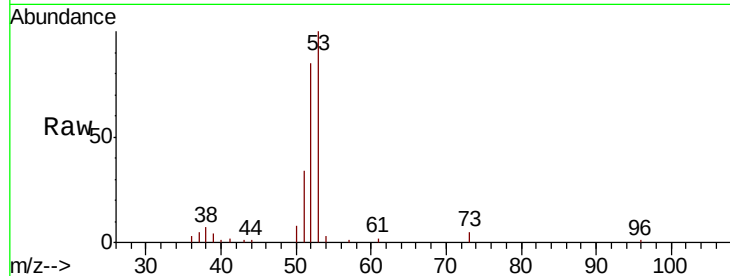
Tot Ion: 53 Resp: 70987

Ion Ratio Lower Upper

53 100

52 82.9 65.2 97.8

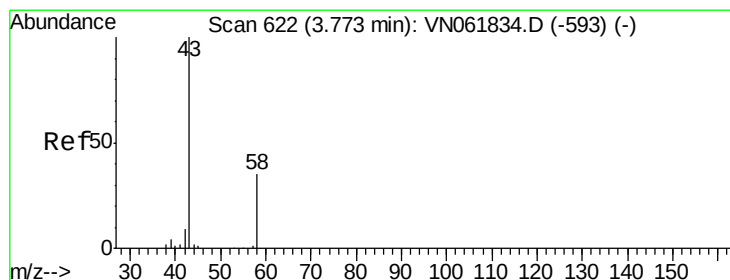
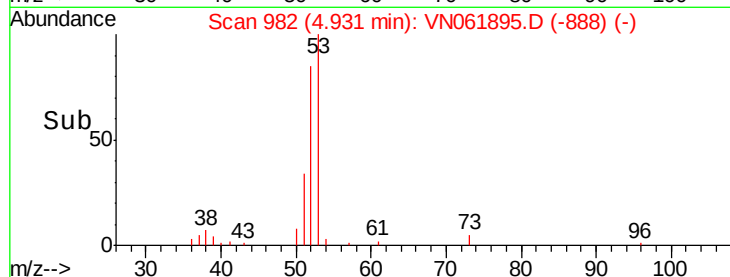
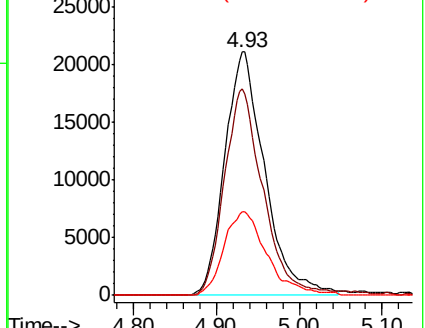
51 36.6 29.3 43.9



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: 99.007 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061895.D

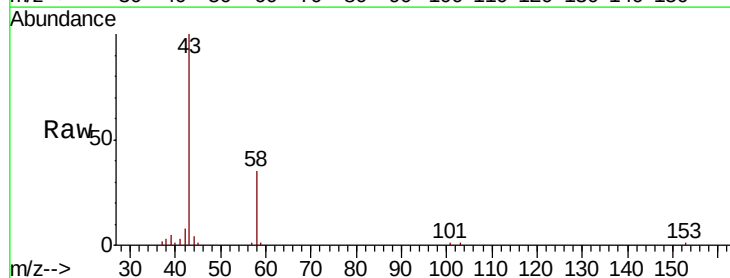
Acq: 18 Jun 2020 13:14

Tgt Ion: 43 Resp: 56641

Ion Ratio Lower Upper

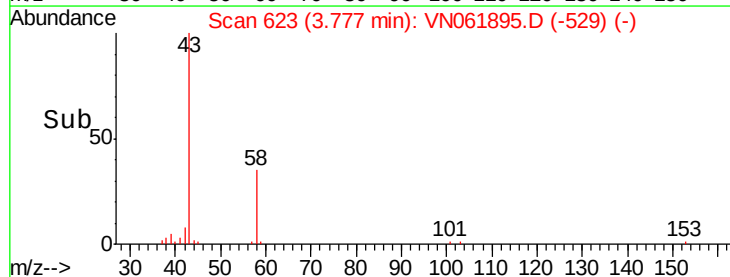
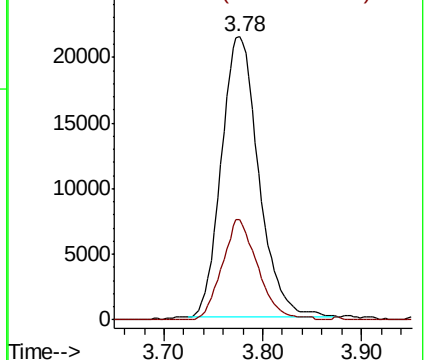
43 100

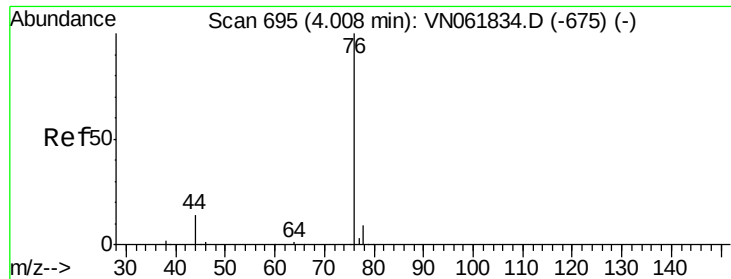
58 35.6 27.8 41.8



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

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

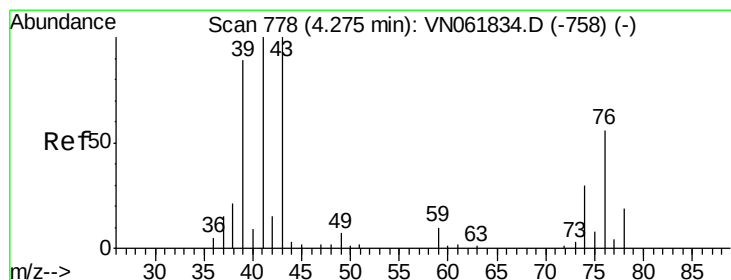
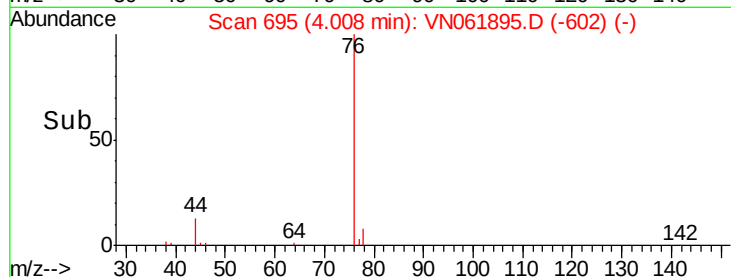
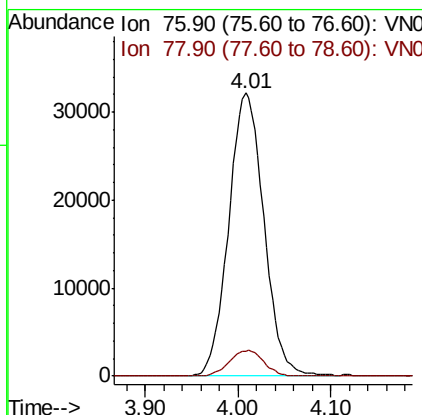
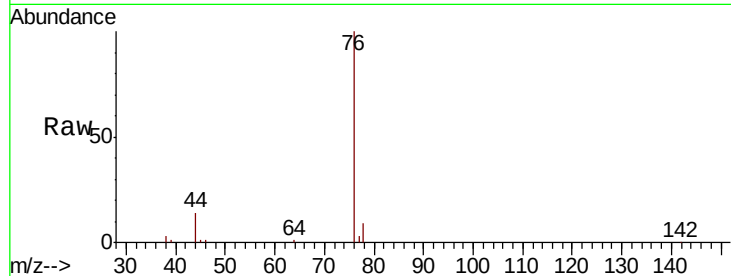




#17
Carbon Disulfide
Concen: 19.737 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN061895.D
Acq: 18 Jun 2020 13:14

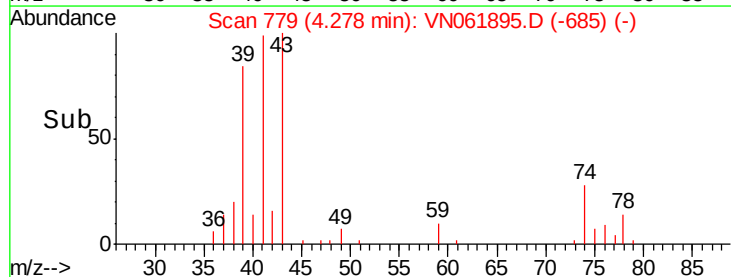
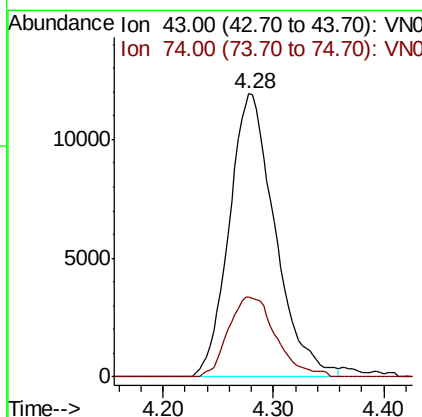
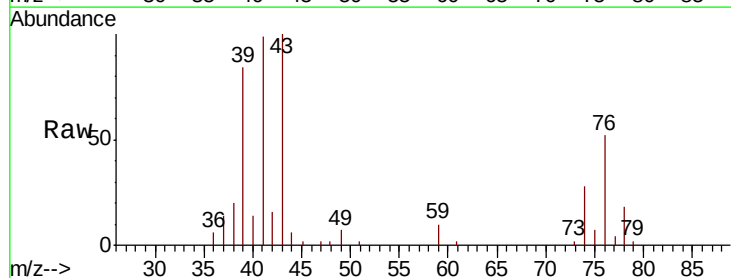
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01

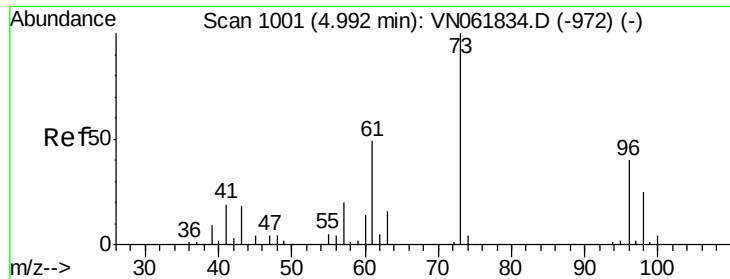
Tot Ion: 76 Resp: 84735
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 20.868 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061895.D
Acq: 18 Jun 2020 13:14

Tgt Ion: 43 Resp: 34371
Ion Ratio Lower Upper
43 100
74 29.3 23.0 34.4

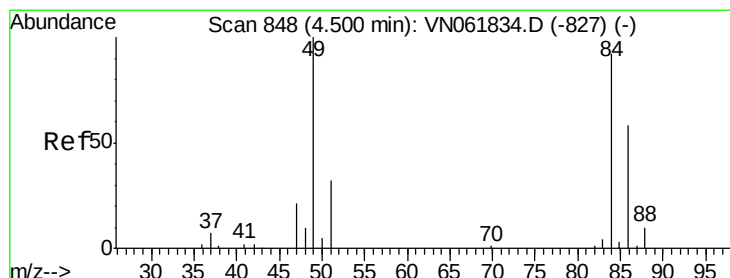
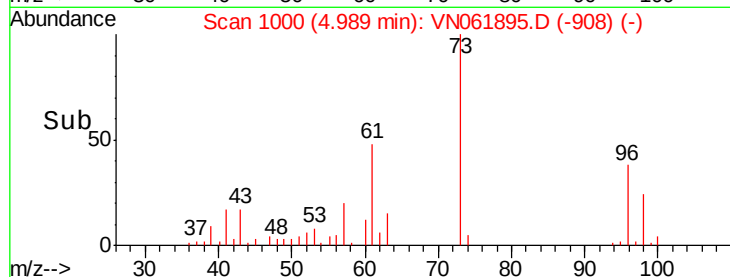
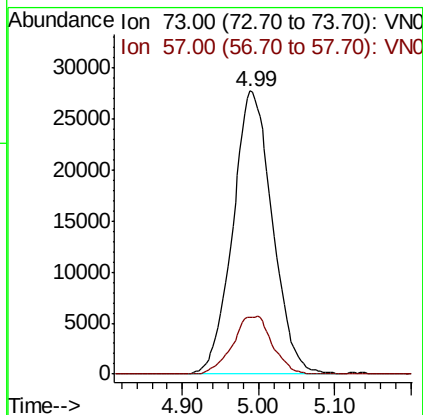
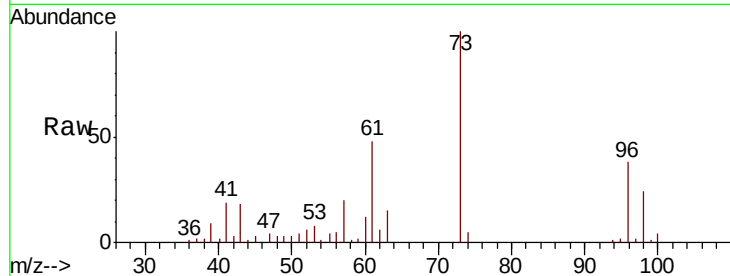




#19
Methyl tert-butyl Ether
Concen: 20.523 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN061895.D
Acq: 18 Jun 2020 13:14

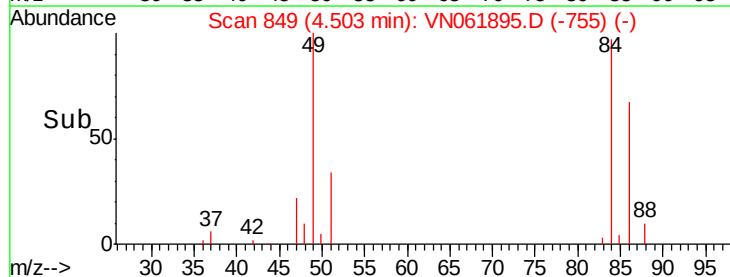
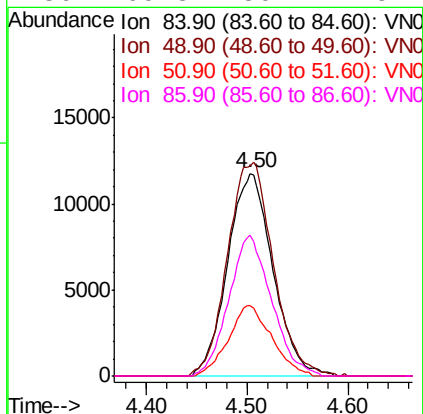
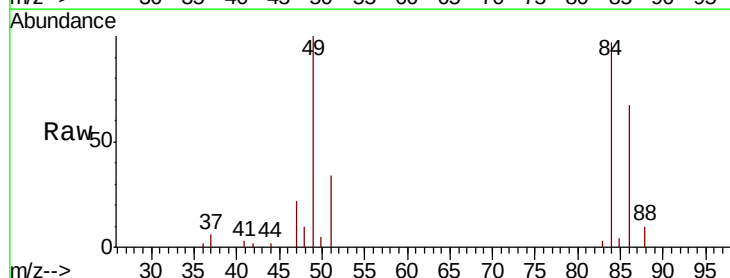
Instrument :
MSVOA_N
ClientSampled :
VN0618WBSD01

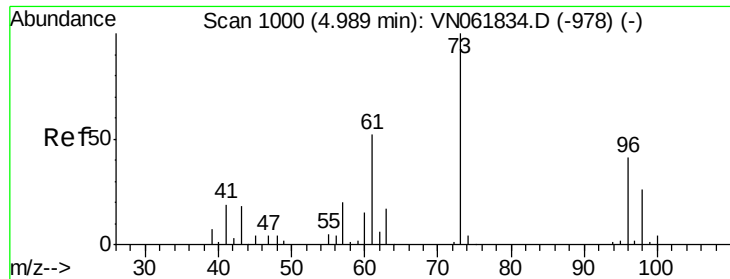
Tot Ion: 73 Resp: 100265
Ion Ratio Lower Upper
73 100
57 20.1 16.2 24.4



#20
Methylene Chloride
Concen: 19.690 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061895.D
Acq: 18 Jun 2020 13:14

Tgt Ion: 84 Resp: 36700
Ion Ratio Lower Upper
84 100
49 103.5 87.0 130.4
51 34.8 27.8 41.6
86 69.3 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 20.283 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN061895.D

Acq: 18 Jun 2020 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBSD01

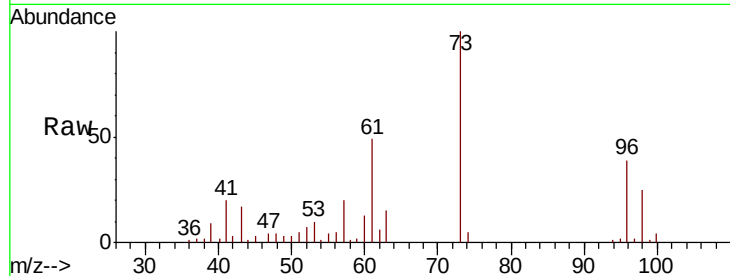
Tot Ion: 96 Resp: 34184

Ion Ratio Lower Upper

96 100

61 125.4 102.2 153.4

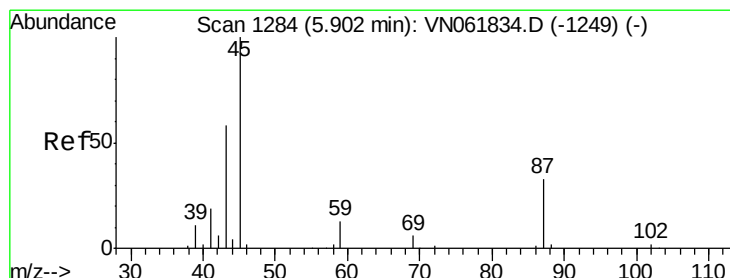
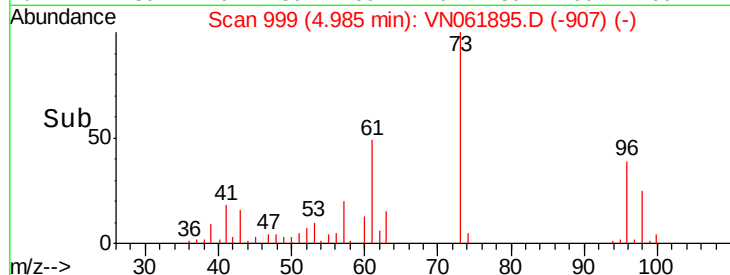
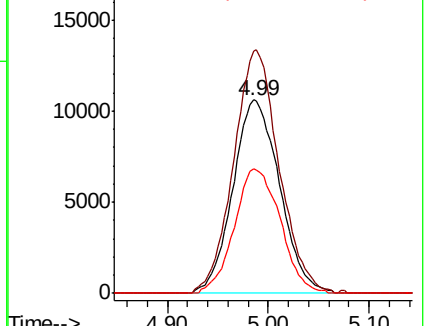
98 64.1 51.2 76.8



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

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

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



#22

Diisopropyl ether

Concen: 19.904 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN061895.D

Acq: 18 Jun 2020 13:14

Tgt Ion: 45 Resp: 88648

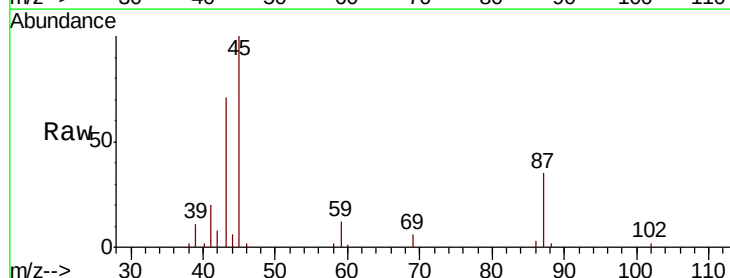
Ion Ratio Lower Upper

45 100

43 68.1 49.4 74.2

87 35.0 27.4 41.0

59 12.2 10.6 15.8

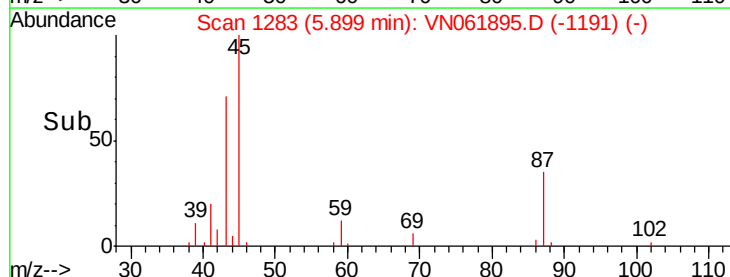
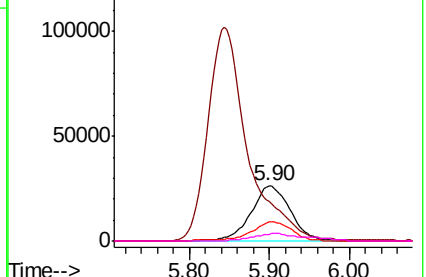


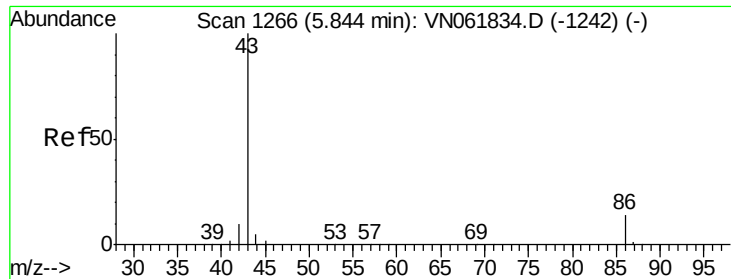
Abundance Ion 45.00 (44.70 to 45.70): VN061834.D (-1249) (-)

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

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

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





#23

Vinyl Acetate

Concen: 100.524 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN061895.D

Acq: 18 Jun 2020 13:14

Instrument :

MSVOA_N

ClientSampleId :

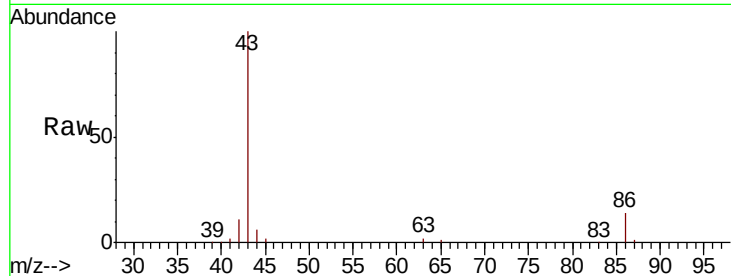
VN0618WBSD01

Tot Ion: 43 Resp: 352131

Ion Ratio Lower Upper

43 100

86 14.0 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) (-)

120000

100000

80000

60000

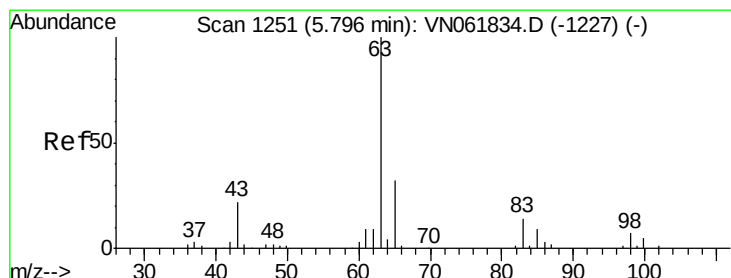
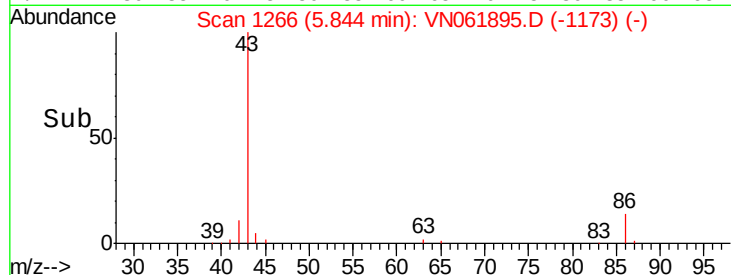
40000

20000

0

5.70 5.80 5.90 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 20.209 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN061895.D

Acq: 18 Jun 2020 13:14

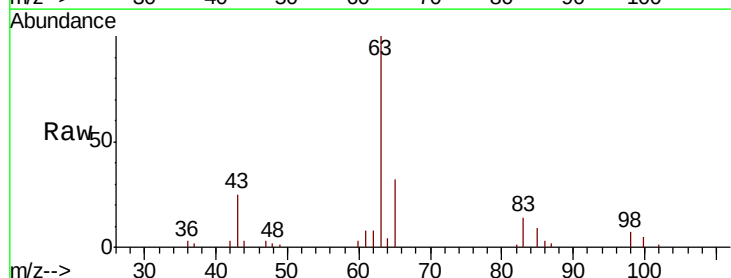
Tgt Ion: 63 Resp: 58919

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 5.4 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) (-)

25000

20000

15000

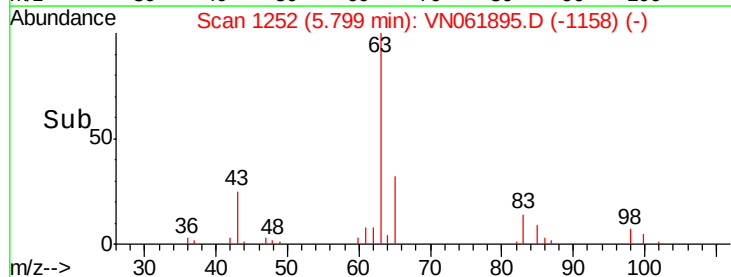
10000

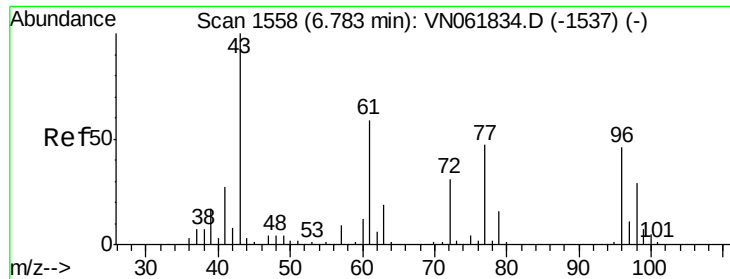
5000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 103.664 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN061895.D

Acq: 18 Jun 2020 13:14

Instrument :

MSVOA_N

ClientSampleId :

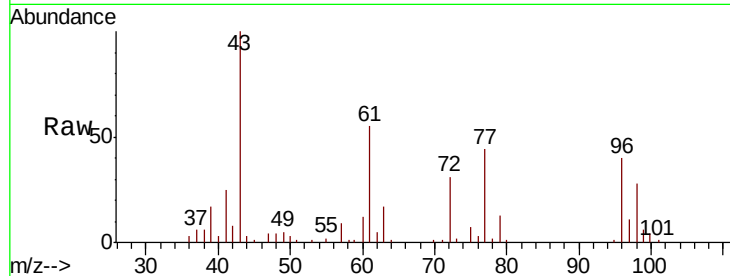
VN0618WBSD01

Tot Ion: 43 Resp: 86526

Ion Ratio Lower Upper

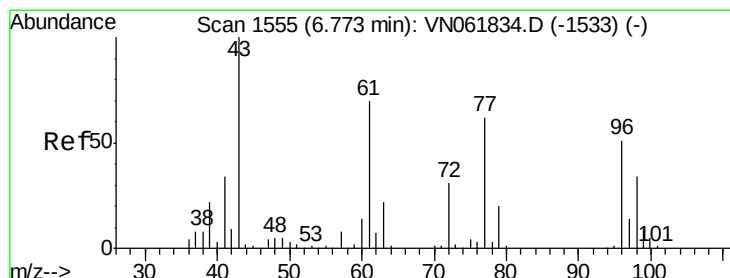
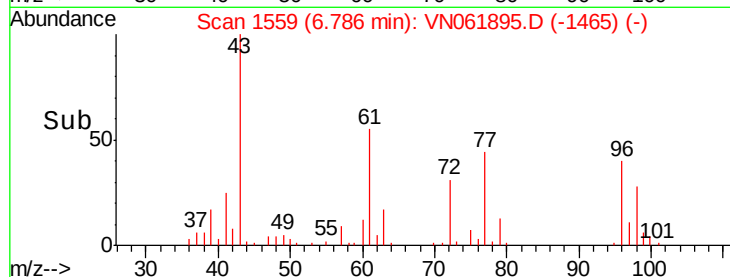
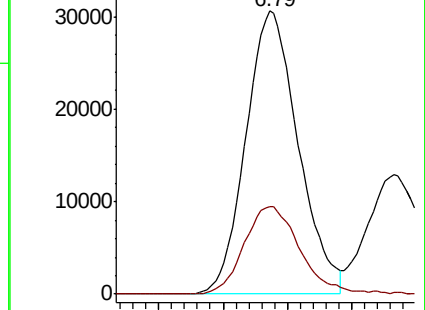
43 100

72 31.0 24.6 37.0



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

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



#26

2,2-Dichloropropane

Concen: 19.741 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.01 min

Lab File: VN061895.D

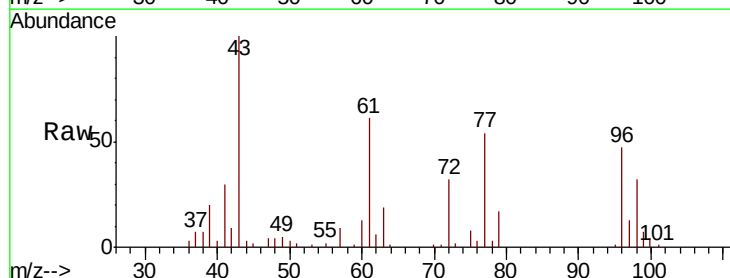
Acq: 18 Jun 2020 13:14

Tgt Ion: 77 Resp: 48423

Ion Ratio Lower Upper

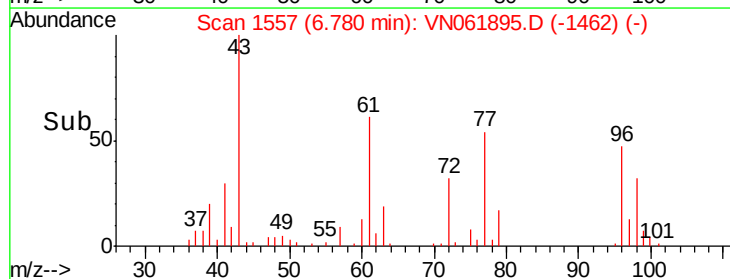
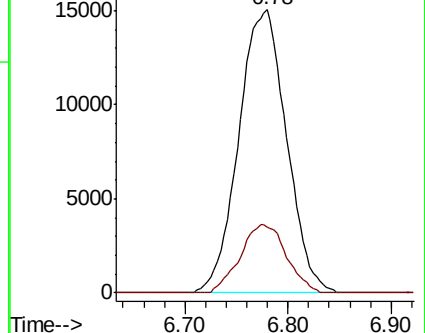
77 100

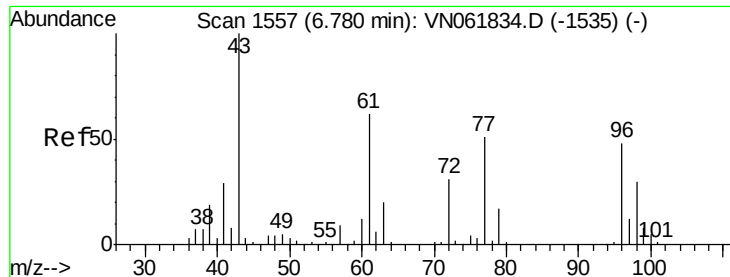
97 23.3 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VN061895.D (-1462) (-)

Ion 96.90 (96.60 to 97.60): VN061895.D (-1462) (-)

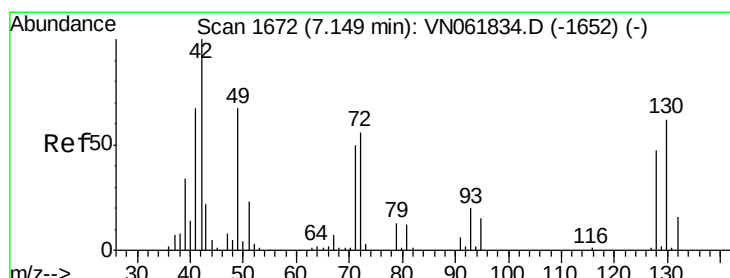
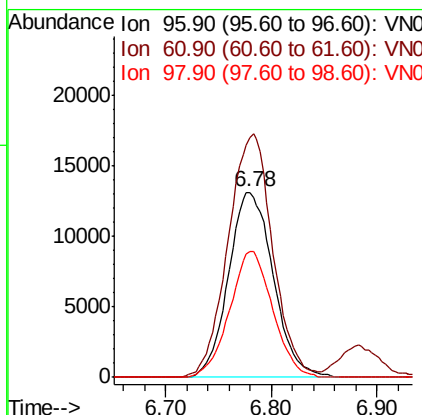
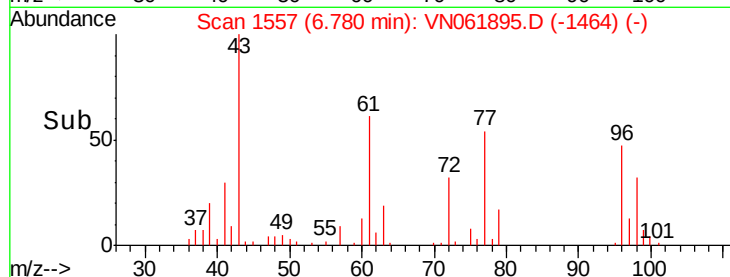
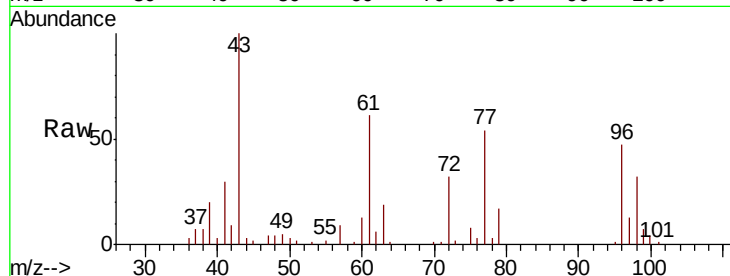




#27
 cis-1,2-Dichloroethene
 Concen: 19.874 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN061895.D
 Acq: 18 Jun 2020 13:14

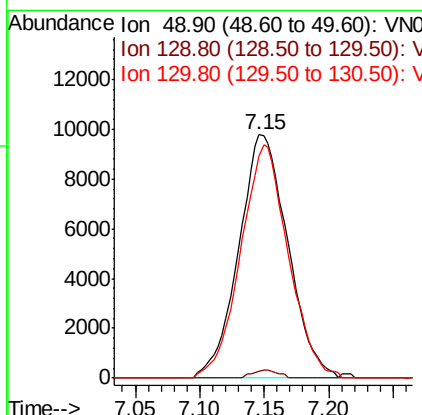
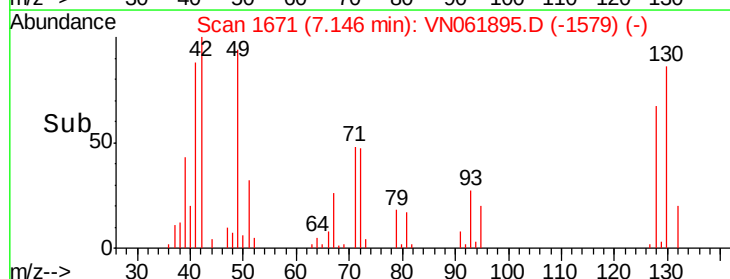
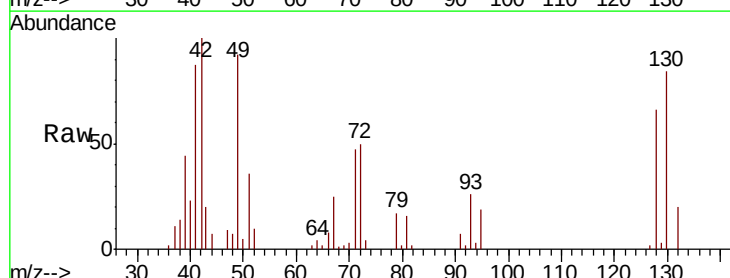
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBSD01

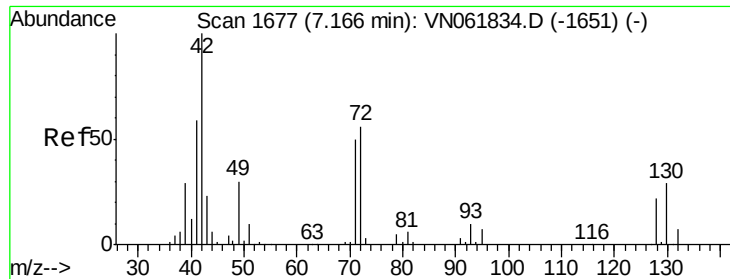
Tot Ion: 96 Resp: 38647
 Ion Ratio Lower Upper
 96 100
 61 131.8 0.0 265.6
 98 65.5 0.0 128.2



#28
 Bromochloromethane
 Concen: 19.951 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN061895.D
 Acq: 18 Jun 2020 13:14

Tgt Ion: 49 Resp: 25899
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.0
 130 92.7 72.2 108.2

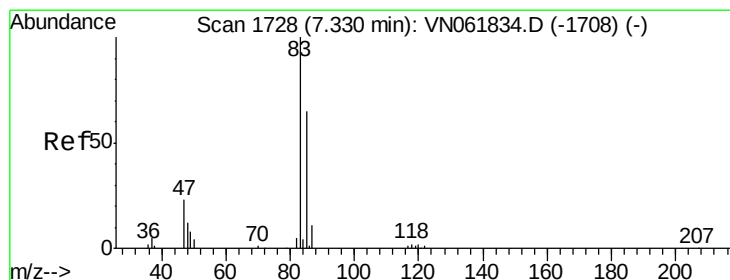
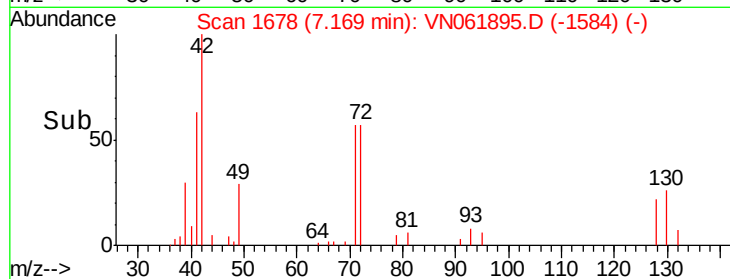
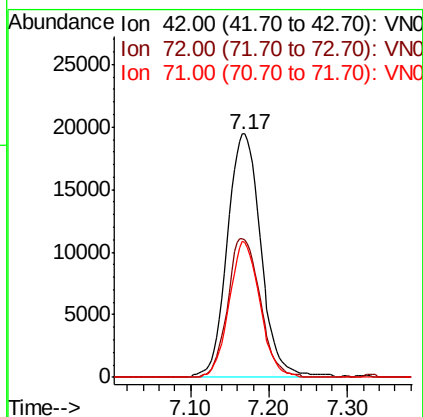
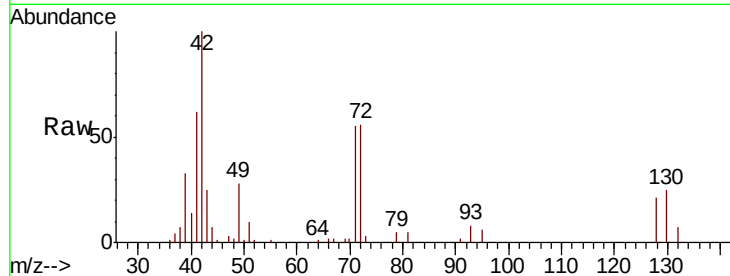




#29
Tetrahydrofuran
Concen: 105.088 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN061895.D
Acq: 18 Jun 2020 13:14

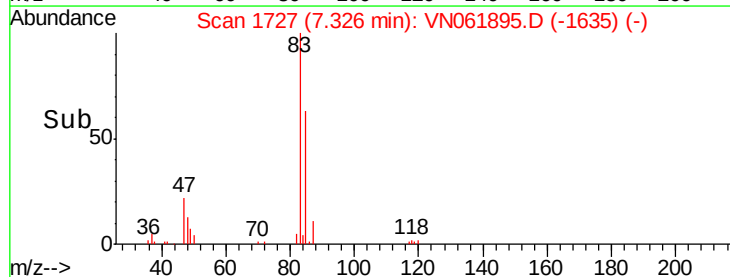
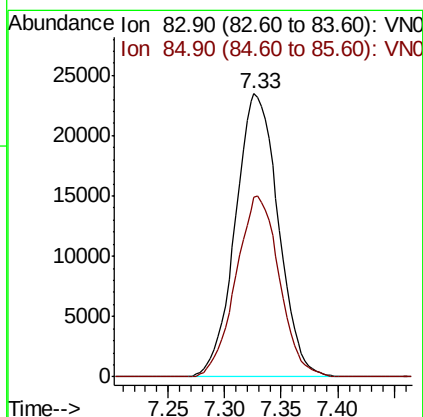
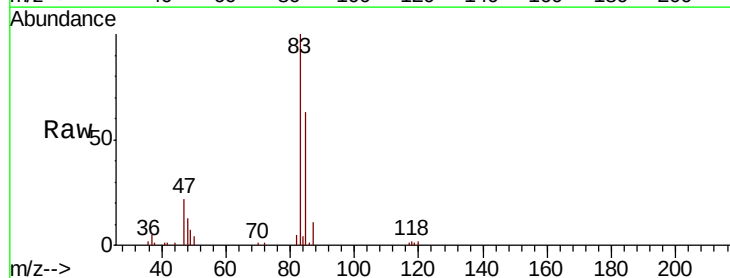
Instrument :
MSVOA_N
ClientSampled :
VN0618WBSD01

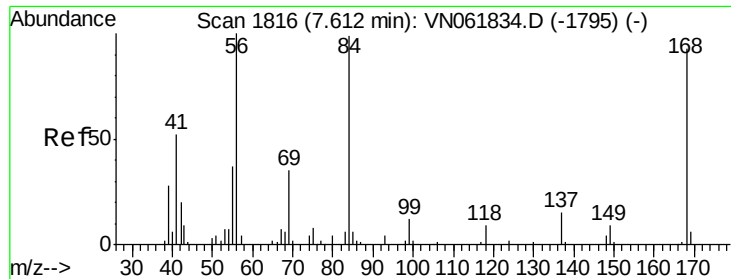
Tot Ion: 42 Resp: 57726
Ion Ratio Lower Upper
42 100
72 55.0 44.0 66.0
71 50.8 40.0 60.0



#30
Chloroform
Concen: 19.896 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061895.D
Acq: 18 Jun 2020 13:14

Tgt Ion: 83 Resp: 61996
Ion Ratio Lower Upper
83 100
85 63.4 52.0 78.0

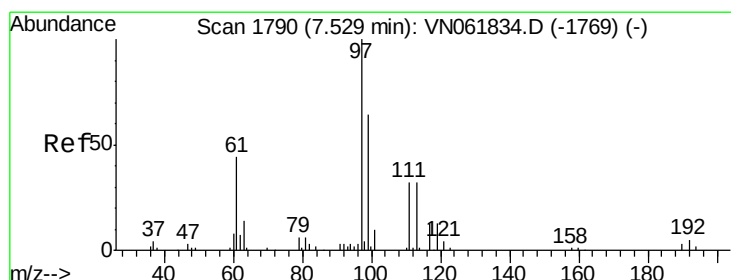
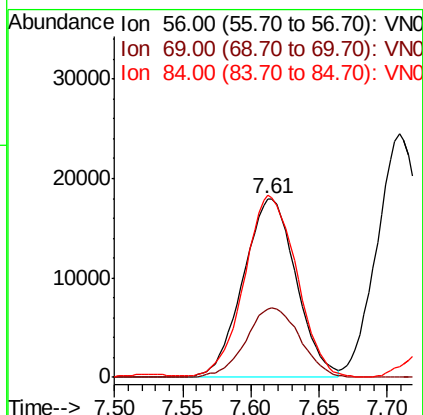
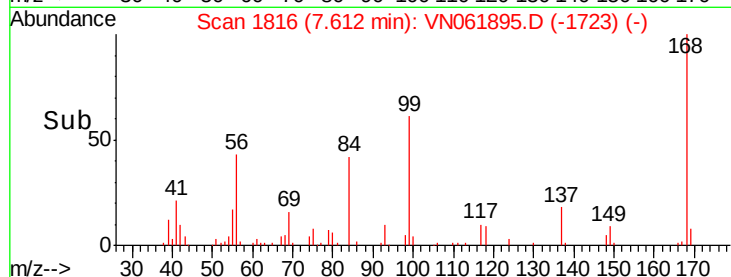
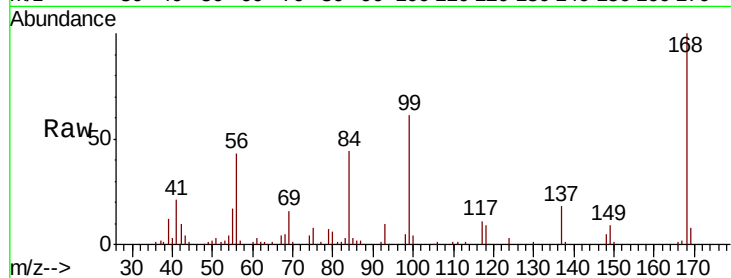




#31
Cyclohexane
Concen: 18.947 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN061895.D
Acq: 18 Jun 2020 13:14

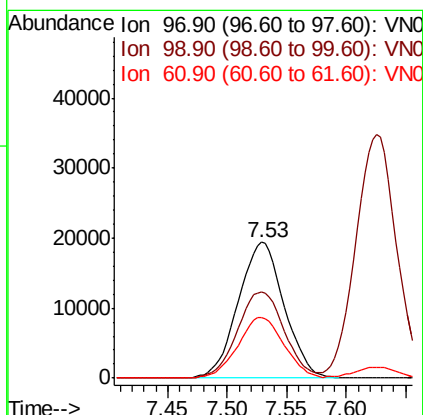
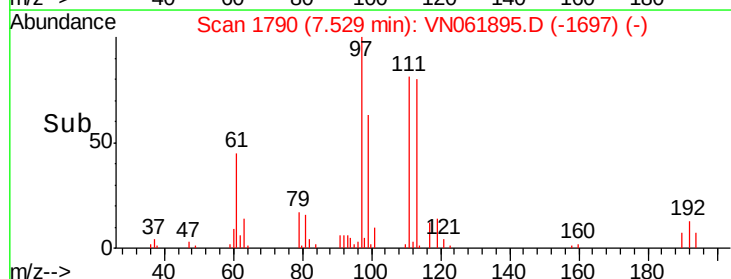
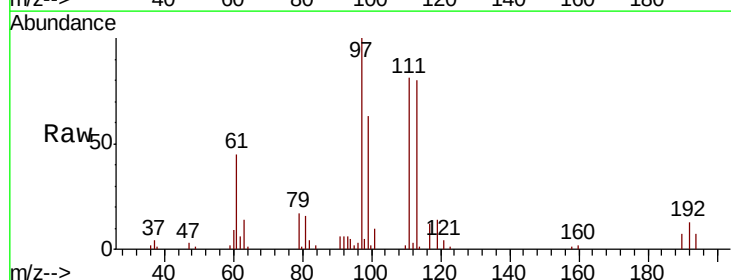
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01

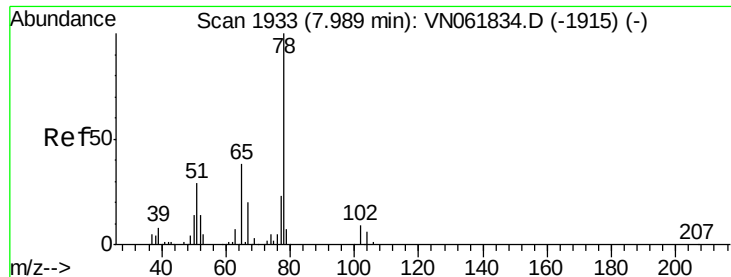
Tot Ion: 56 Resp: 48358
Ion Ratio Lower Upper
56 100
69 38.0 27.7 41.5
84 101.4 79.1 118.7



#32
1,1,1-Trichloroethane
Concen: 19.510 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN061895.D
Acq: 18 Jun 2020 13:14

Tgt Ion: 97 Resp: 51774
Ion Ratio Lower Upper
97 100
99 64.9 51.5 77.3
61 44.9 35.1 52.7

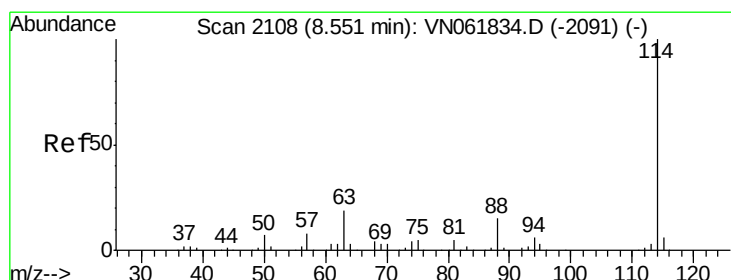
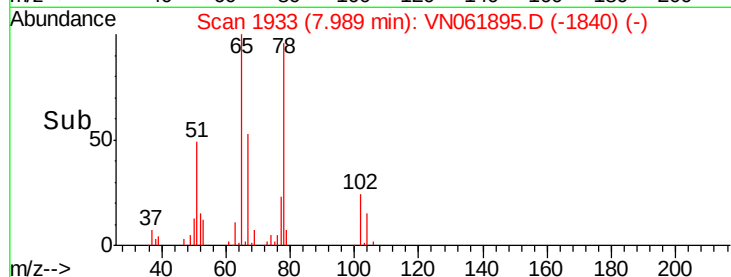
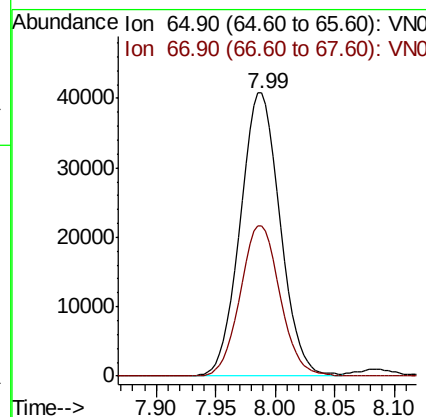
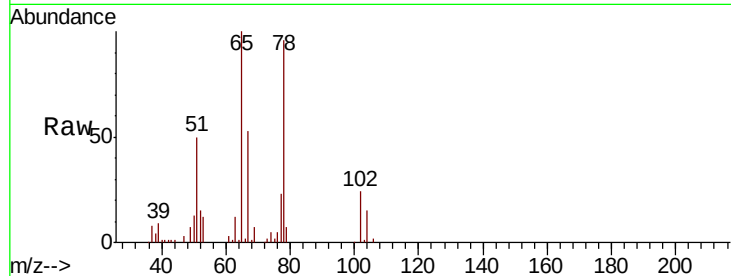




#33
 1,2-Dichloroethane-d4
 Concen: 49.016 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN061895.D
 Acq: 18 Jun 2020 13:14

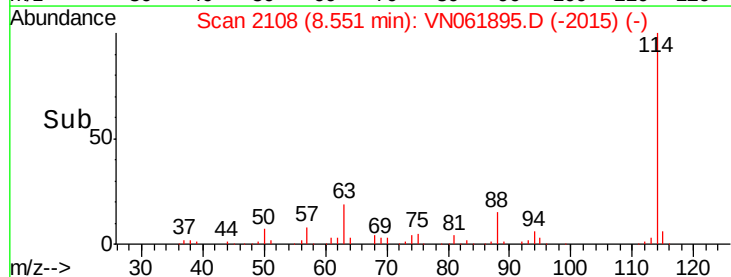
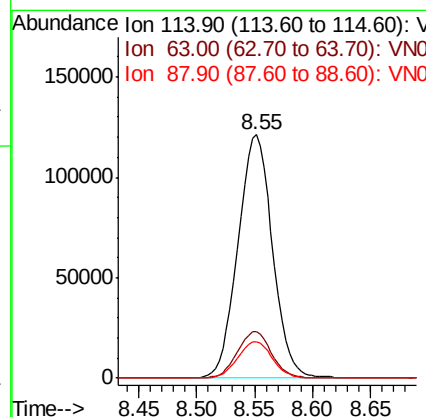
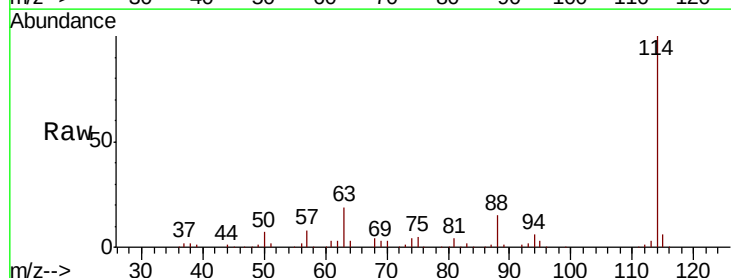
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBSD01

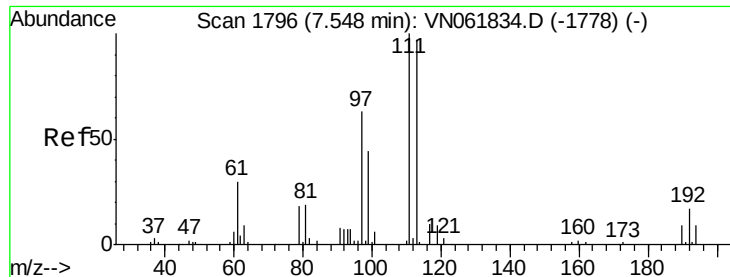
Tot Ion: 65 Resp: 94933
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061895.D
 Acq: 18 Jun 2020 13:14

Tgt Ion: 114 Resp: 250266
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.6
 88 15.0 0.0 31.0

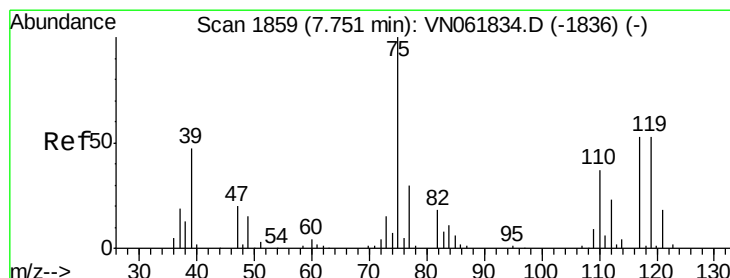
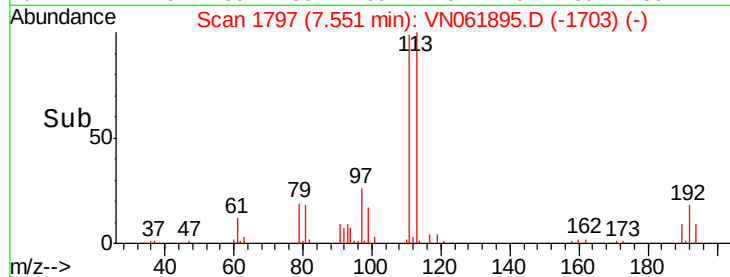
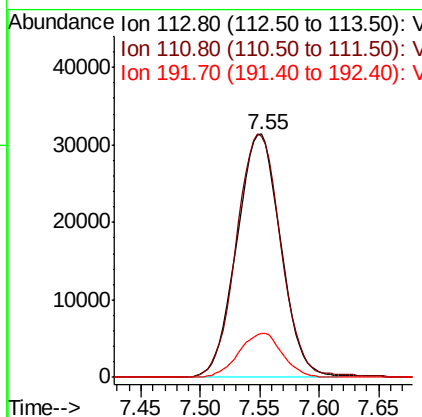
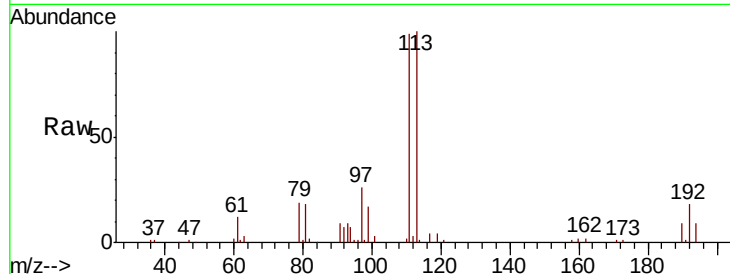




#35
 Dibromofluoromethane
 Concen: 50.196 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061895.D
 Acq: 18 Jun 2020 13:14

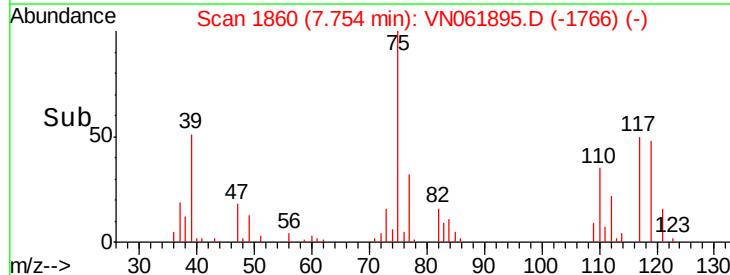
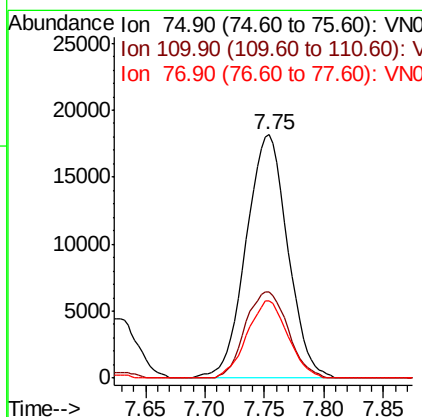
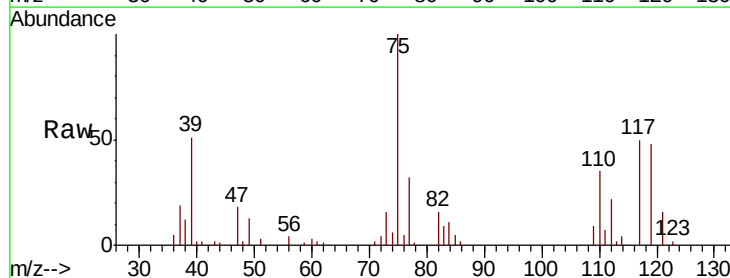
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBSD01

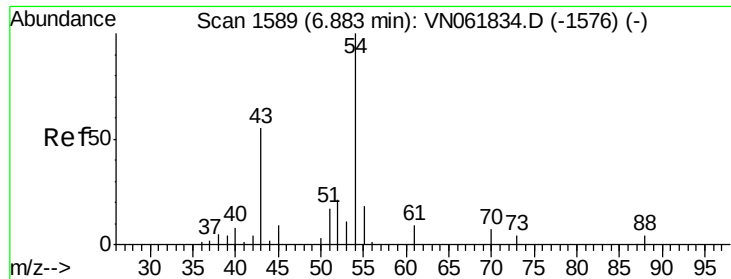
Tot Ion:113 Resp: 80367
 Ion Ratio Lower Upper
 113 100
 111 101.5 83.7 125.5
 192 17.8 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 19.307 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN061895.D
 Acq: 18 Jun 2020 13:14

Tgt Ion: 75 Resp: 44072
 Ion Ratio Lower Upper
 75 100
 110 36.4 18.2 54.6
 77 31.0 24.2 36.4

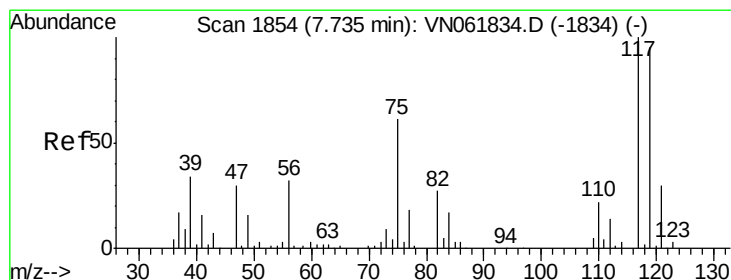
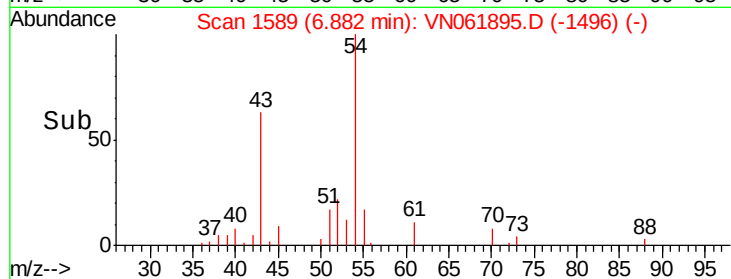
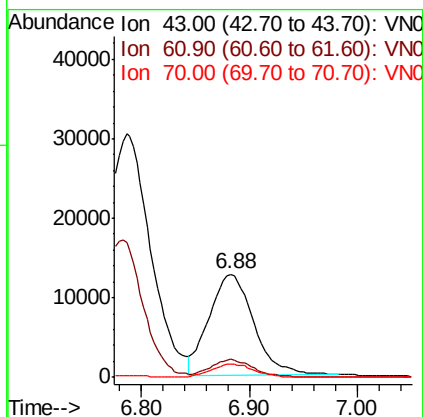
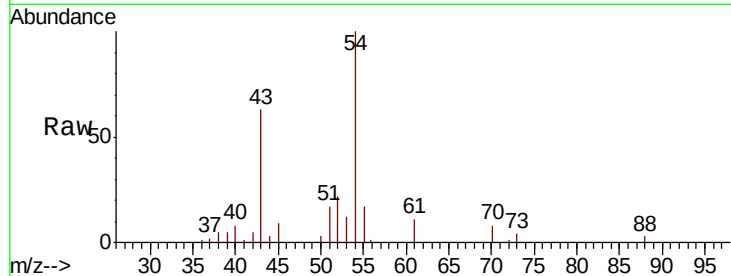




#37
Ethyl Acetate
Concen: 20.827 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN061895.D
Acq: 18 Jun 2020 13:14

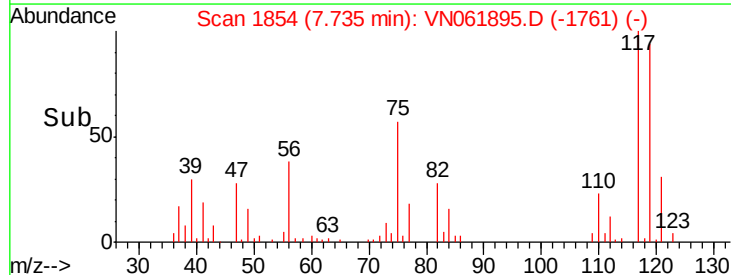
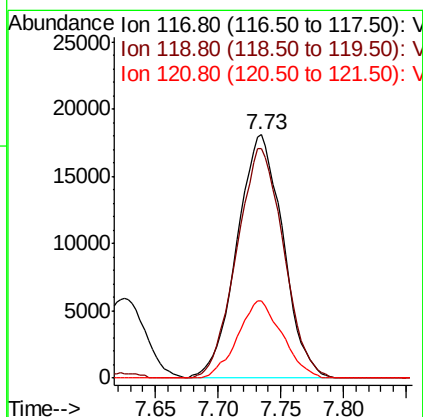
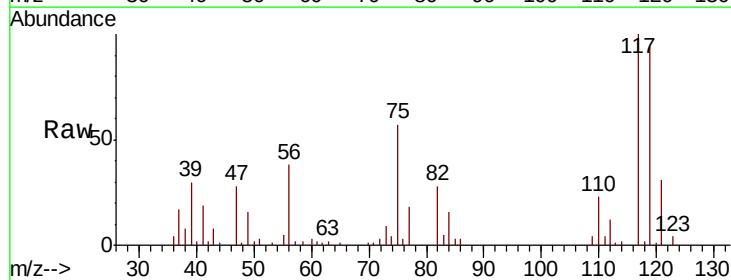
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01

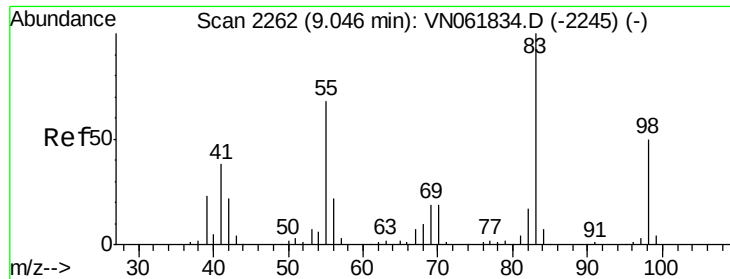
Tot Ion: 43 Resp: 37125
Ion Ratio Lower Upper
43 100
61 16.5 13.0 19.4
70 12.3 9.4 14.2



#38
Carbon Tetrachloride
Concen: 20.411 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN061895.D
Acq: 18 Jun 2020 13:14

Tgt Ion: 117 Resp: 46139
Ion Ratio Lower Upper
117 100
119 94.3 75.8 113.6
121 31.5 23.8 35.6

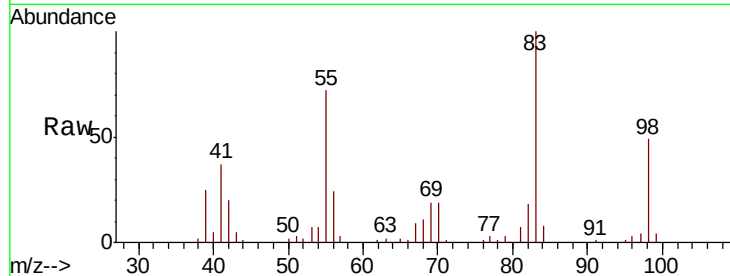




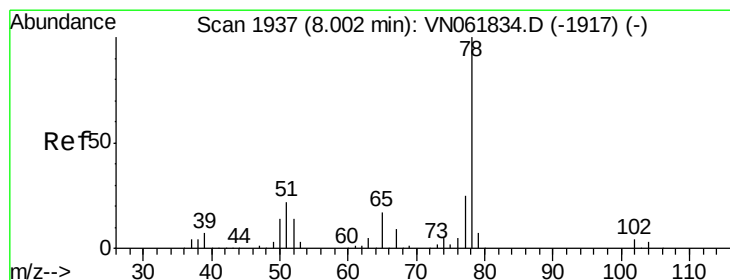
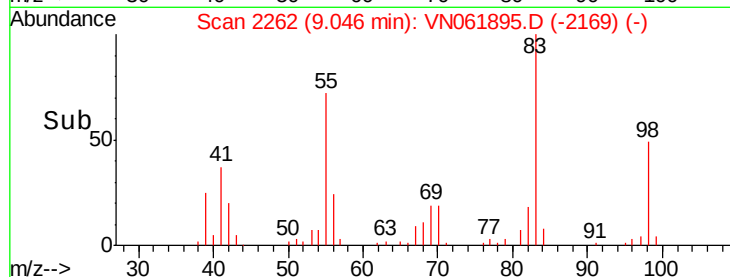
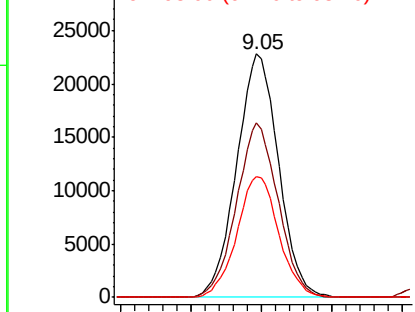
#39
Methylvlcyclohexane
Concen: 19.289 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061895.D
Acq: 18 Jun 2020 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01

Tot Ion: 83 Resp: 47413
Ion Ratio Lower Upper
83 100
55 71.7 54.2 81.4
98 49.5 39.8 59.6

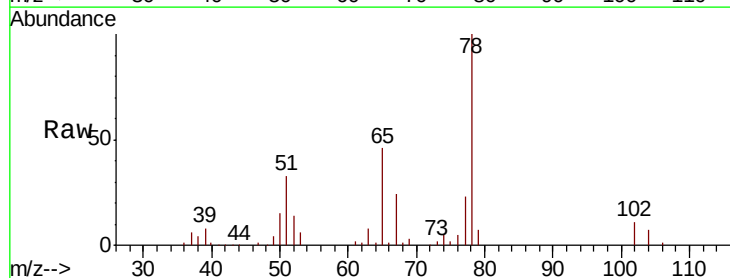


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

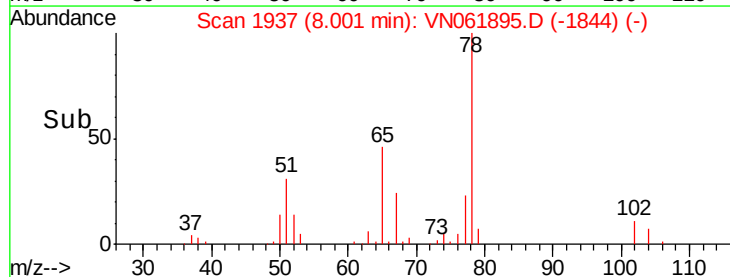
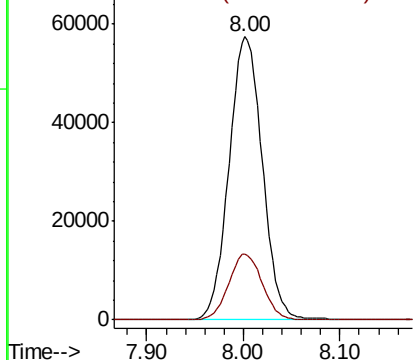


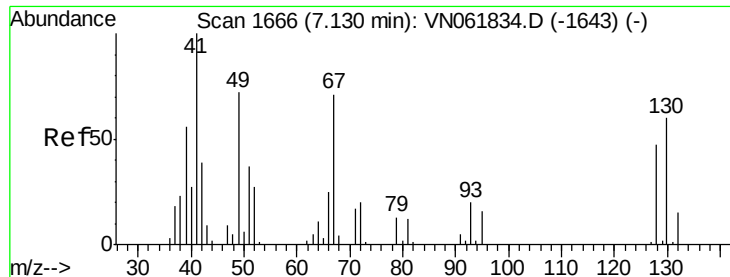
#40
Benzene
Concen: 19.859 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061895.D
Acq: 18 Jun 2020 13:14

Tgt Ion: 78 Resp: 137320
Ion Ratio Lower Upper
78 100
77 23.3 19.7 29.5



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





#41

Methacrylonitrile

Concen: 16.314 ug/l

RT: 7.12 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VN061895.D

Acq: 18 Jun 2020 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBSD01

Tot Ion: 41 Resp: 12435

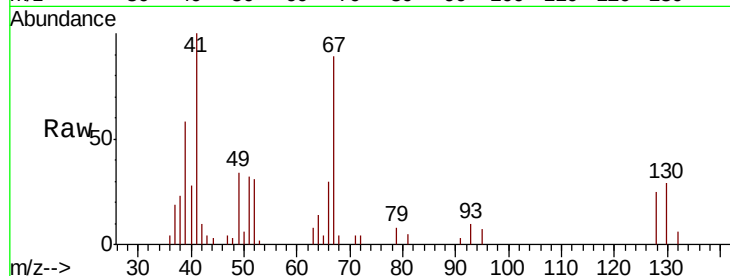
Ion Ratio Lower Upper

41 100

39 62.7 0.0 0.0#

67 137.1 0.0 0.0#

52 52.7 0.0 0.0#

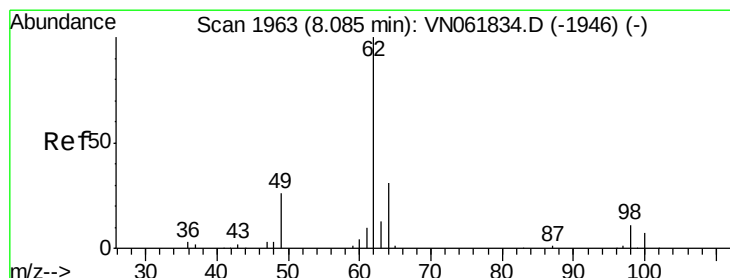
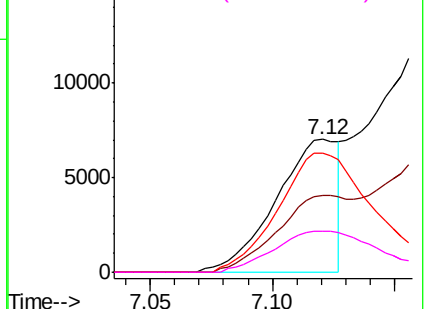
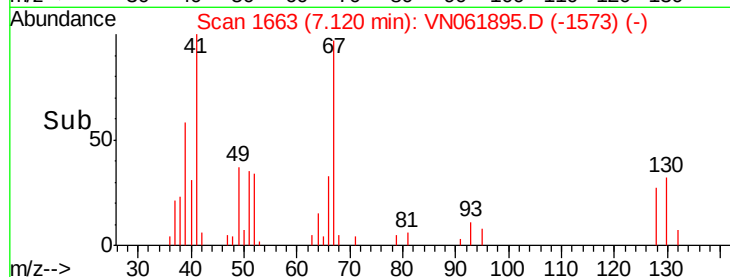


Abundance Ion 41.00 (40.70 to 41.70): VN061834.D (-1643) (-)

Ion 39.00 (38.70 to 39.70): VN061834.D (-1643) (-)

Ion 67.00 (66.70 to 67.70): VN061834.D (-1643) (-)

Ion 52.00 (51.70 to 52.70): VN061834.D (-1643) (-)



#42

1,2-Dichloroethane

Concen: 20.411 ug/l

RT: 8.09 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VN061895.D

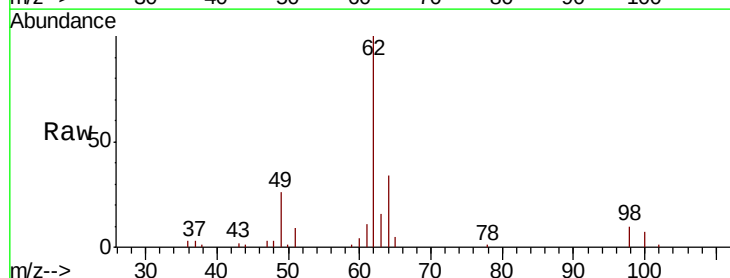
Acq: 18 Jun 2020 13:14

Tgt Ion: 62 Resp: 48125

Ion Ratio Lower Upper

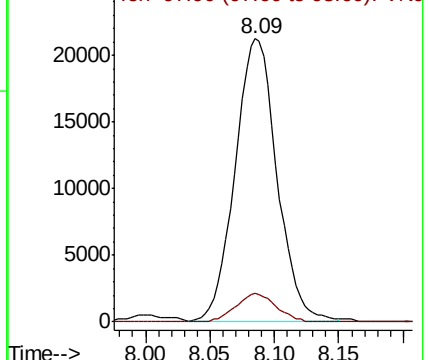
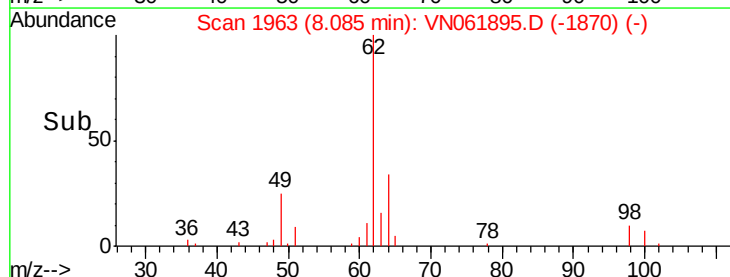
62 100

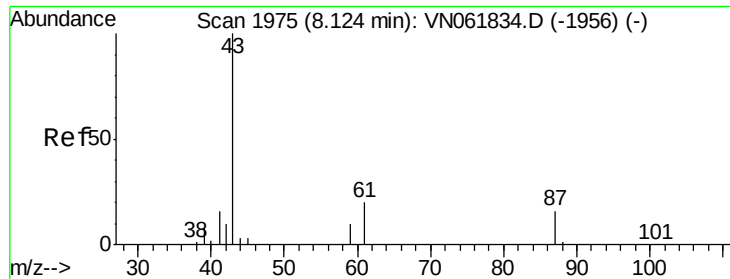
98 9.5 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VN061834.D (-1946) (-)

Ion 97.90 (97.60 to 98.60): VN061834.D (-1946) (-)





#43

Isopropyl Acetate

Concen: 19.993 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061895.D

Acq: 18 Jun 2020 13:14

Instrument :

MSVOA_N

ClientSampled :

VN0618WBSD01

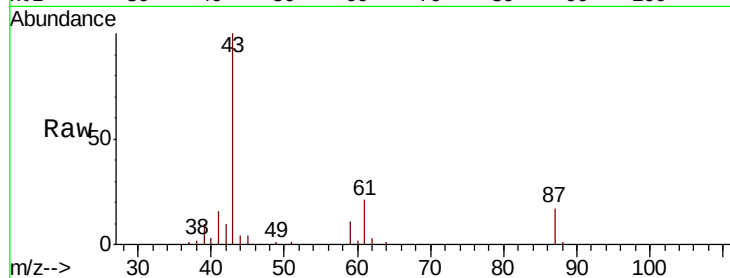
Tot Ion: 43 Resp: 60059

Ion Ratio Lower Upper

43 100

61 22.3 24.0 36.0#

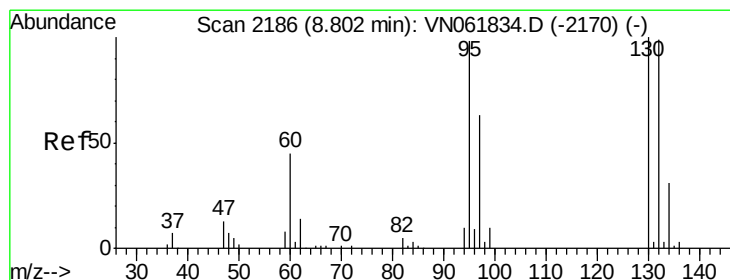
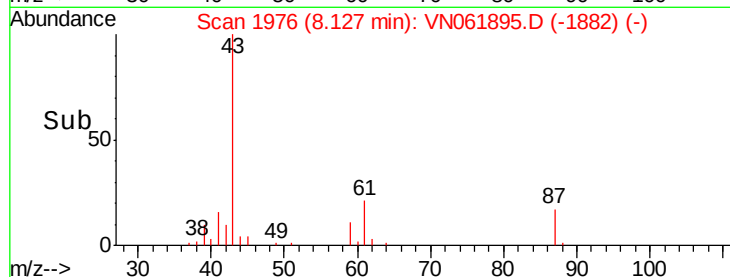
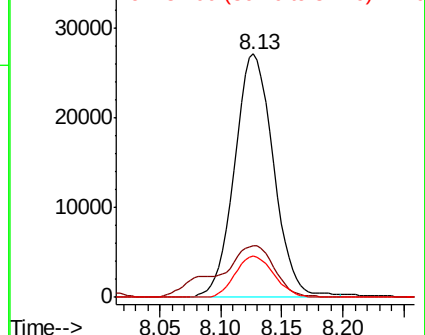
87 16.7 12.5 18.7



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

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

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



#44

Trichloroethene

Concen: 20.271 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN061895.D

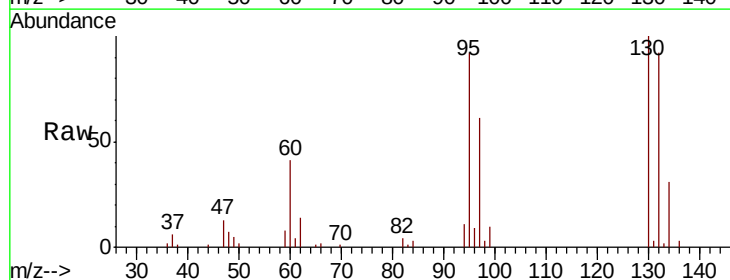
Acq: 18 Jun 2020 13:14

Tgt Ion:130 Resp: 36890

Ion Ratio Lower Upper

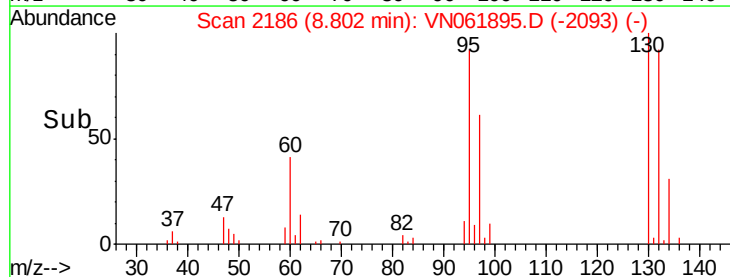
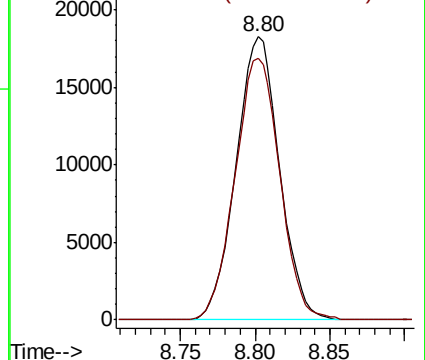
130 100

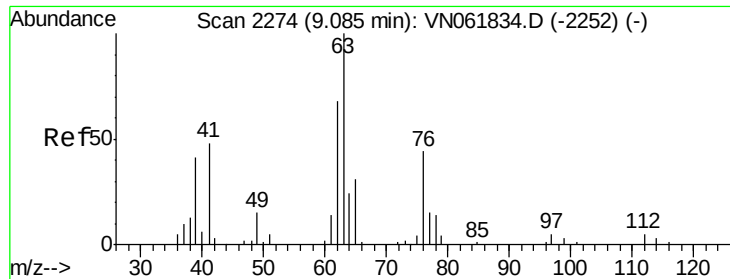
95 92.2 0.0 195.6



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

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

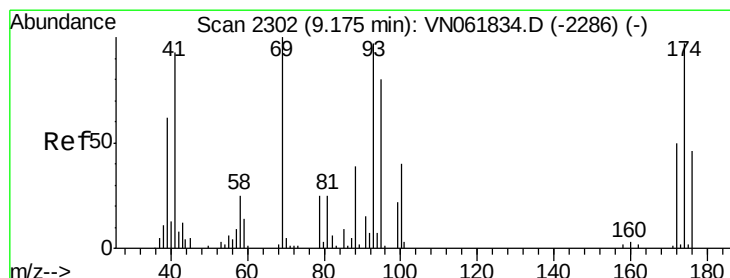
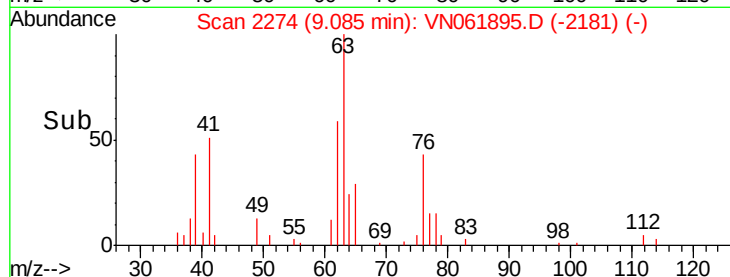
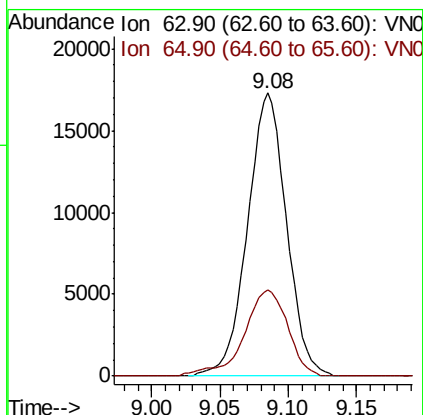
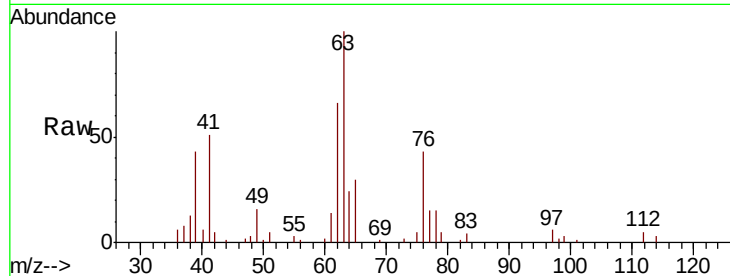




#45
 1,2-Dichloropropane
 Concen: 20.183 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN061895.D
 Acq: 18 Jun 2020 13:14

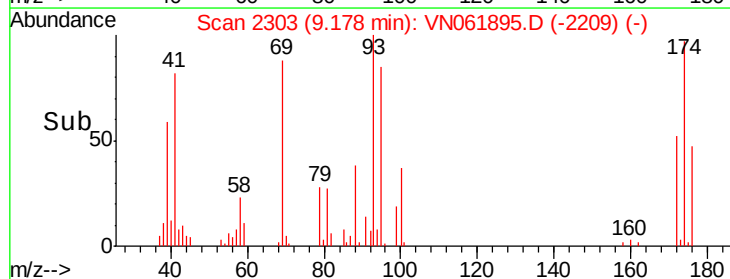
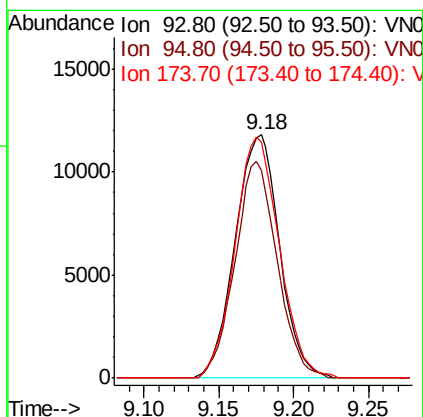
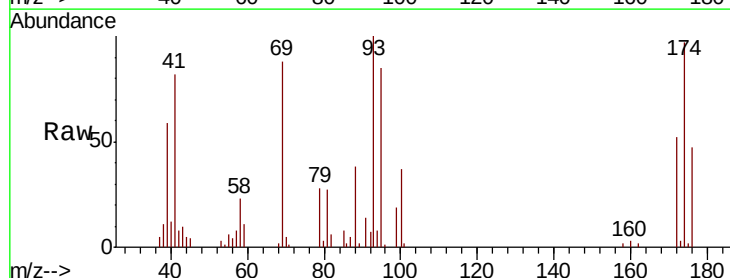
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBSD01

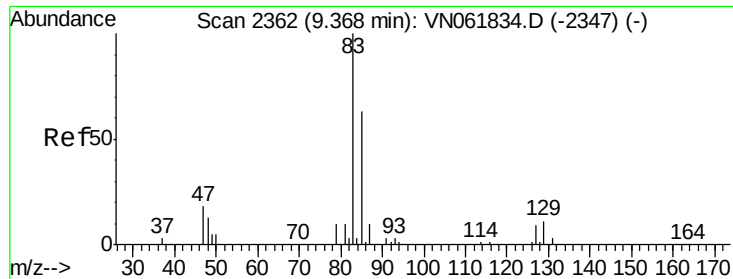
Tot Ion: 63 Resp: 34298
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.1 37.7



#46
 Dibromomethane
 Concen: 20.389 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: VN061895.D
 Acq: 18 Jun 2020 13:14

Tgt Ion: 93 Resp: 24398
 Ion Ratio Lower Upper
 93 100
 95 84.7 65.8 98.6
 174 98.9 78.5 117.7

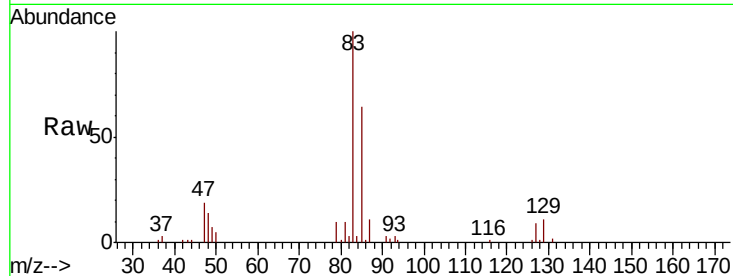




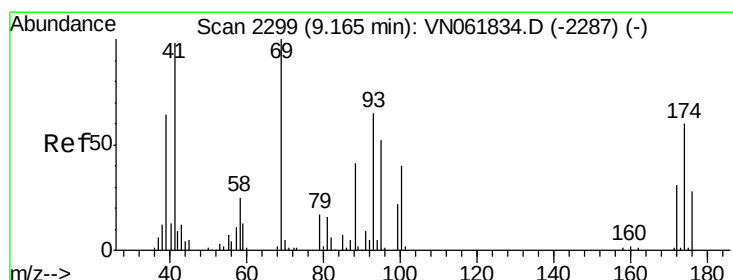
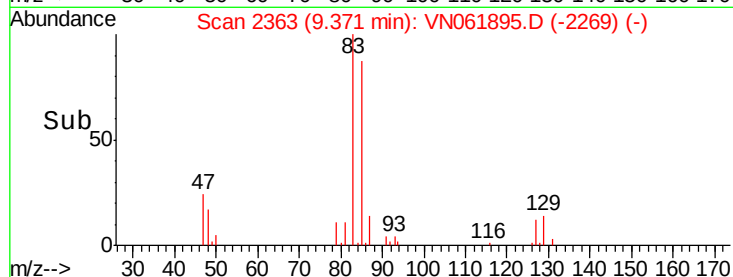
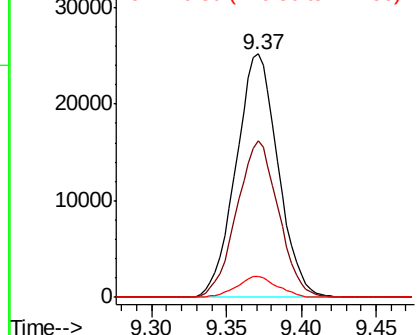
#47
Bromodichloromethane
Concen: 20.094 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VN061895.D
Acq: 18 Jun 2020 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01

Tot Ion: 83 Resp: 49236
Ion Ratio Lower Upper
83 100
85 64.4 50.8 76.2
127 8.7 7.0 10.4

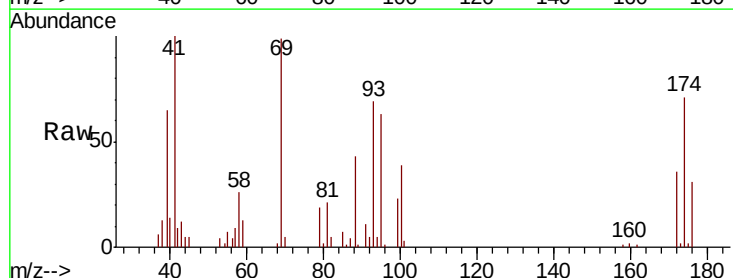


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

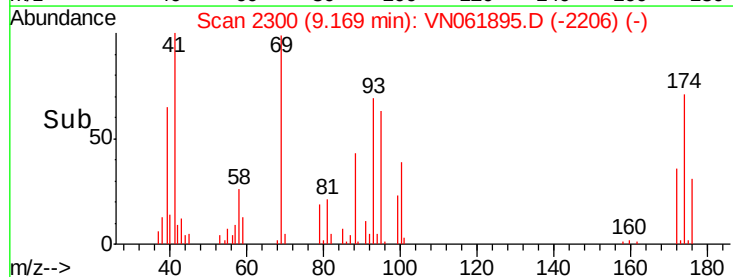
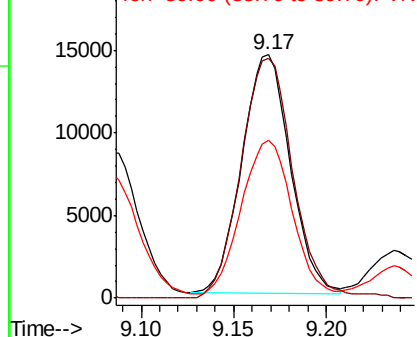


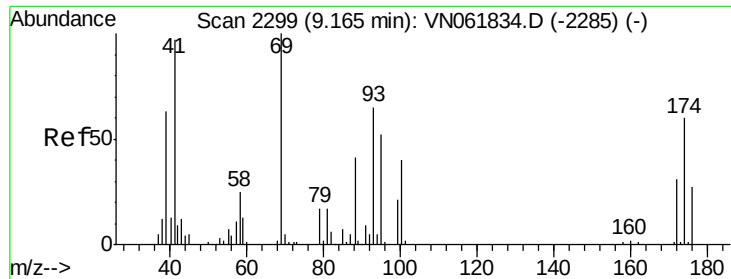
#48
Methyl methacrylate
Concen: 19.302 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN061895.D
Acq: 18 Jun 2020 13:14

Tgt Ion: 41 Resp: 26369
Ion Ratio Lower Upper
41 100
69 107.4 83.0 124.4
39 70.7 55.1 82.7



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

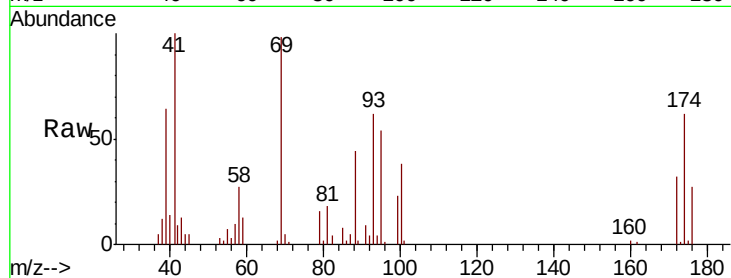




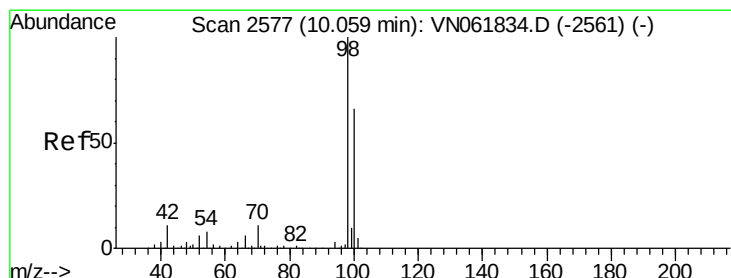
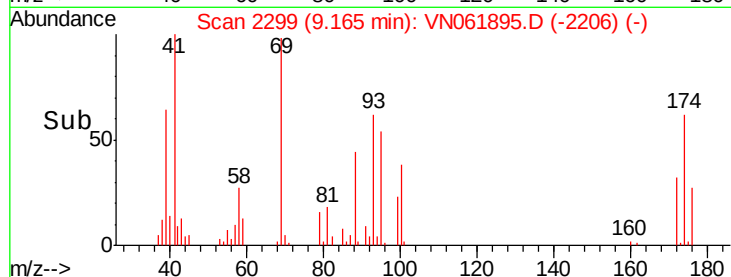
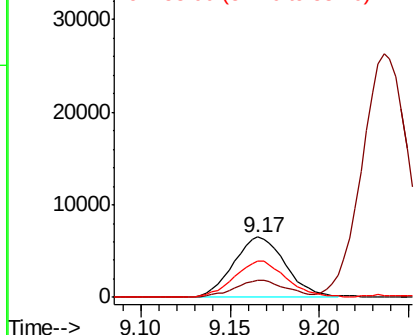
#49
1,4-Dioxane
Concen: 420.982 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN061895.D
Acq: 18 Jun 2020 13:14

Instrument :
MSVOA_N
ClientSampled :
VN0618WBSD01

Tot Ion: 88 Resp: 13204
Ion Ratio Lower Upper
88 100
43 28.8 23.4 35.2
58 60.5 49.8 74.6

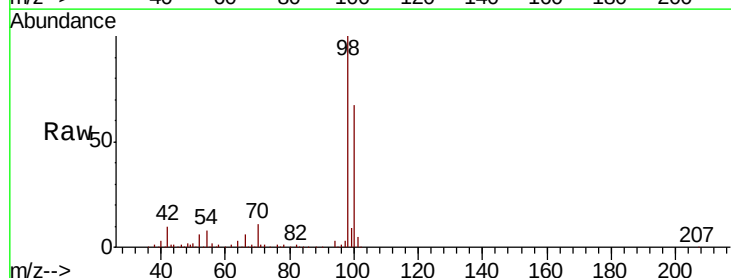


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

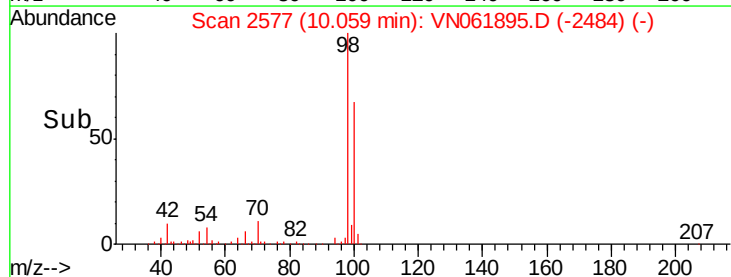
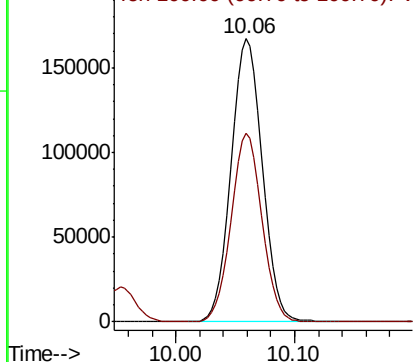


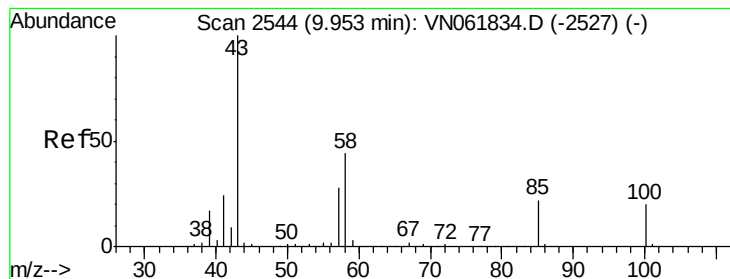
#50
Toluene-d8
Concen: 48.390 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061895.D
Acq: 18 Jun 2020 13:14

Tgt Ion: 98 Resp: 304588
Ion Ratio Lower Upper
98 100
100 65.8 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: 103.768 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN061895.D

Acq: 18 Jun 2020 13:14

Instrument :

MSVOA_N

ClientSampleId :

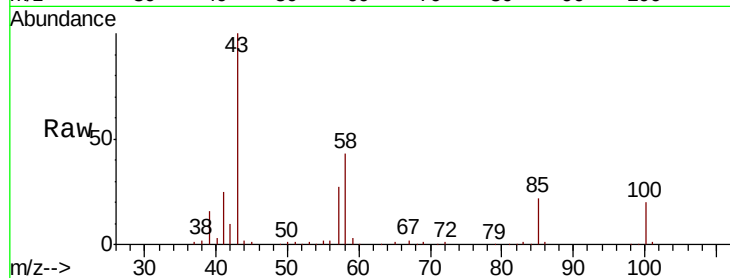
VN0618WBSD01

Tot Ion: 43 Resp: 184209

Ion Ratio Lower Upper

43 100

58 43.1 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

120000

100000

80000

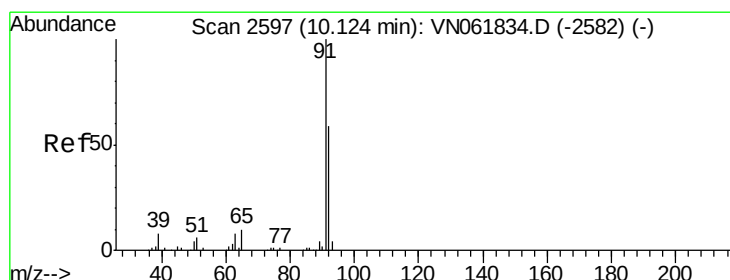
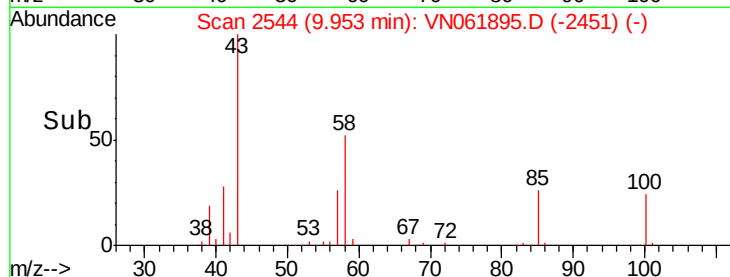
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 20.286 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061895.D

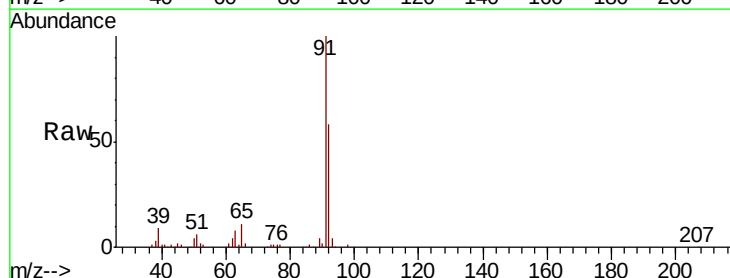
Acq: 18 Jun 2020 13:14

Tgt Ion: 92 Resp: 88097

Ion Ratio Lower Upper

92 100

91 173.9 137.1 205.7



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

100000

80000

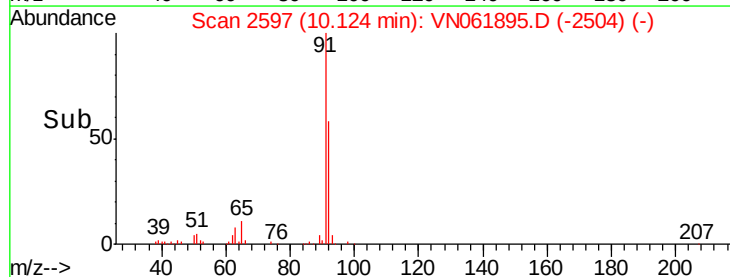
60000

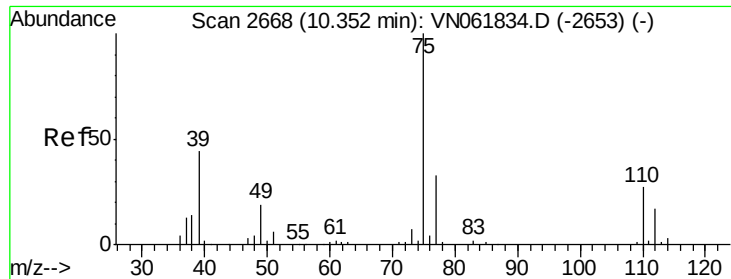
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.669 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN061895.D

Acq: 18 Jun 2020 13:14

Instrument :

MSVOA_N

ClientSampleId :

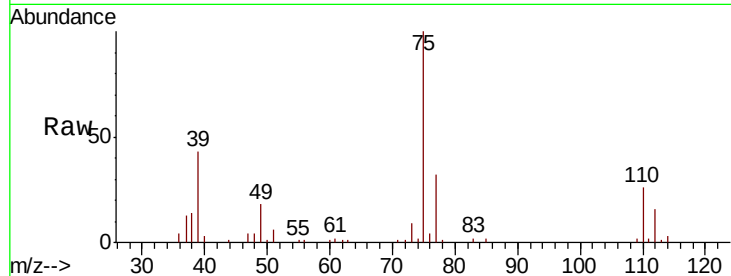
VN0618WBSD01

Tot Ion: 75 Resp: 51164

Ion Ratio Lower Upper

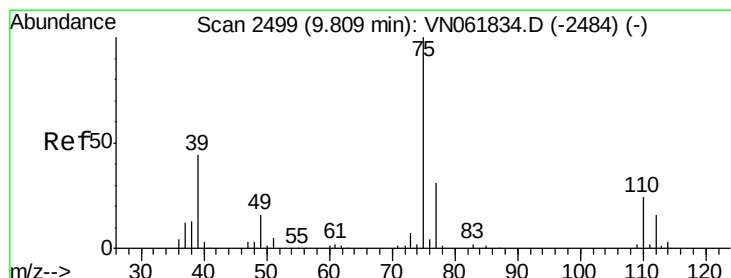
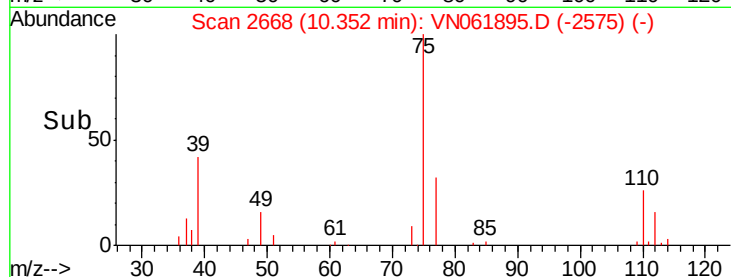
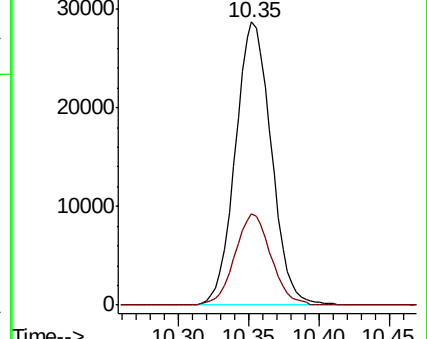
75 100

77 32.1 26.3 39.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.997 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN061895.D

Acq: 18 Jun 2020 13:14

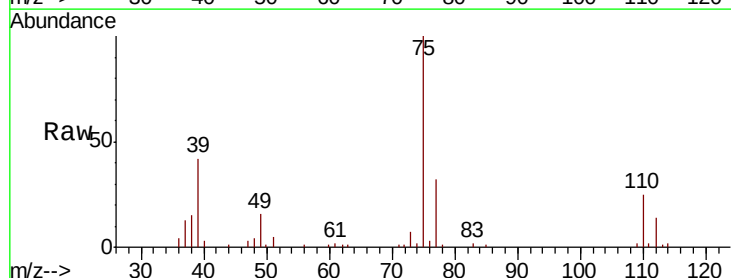
Tgt Ion: 75 Resp: 56499

Ion Ratio Lower Upper

75 100

77 32.1 24.8 37.2

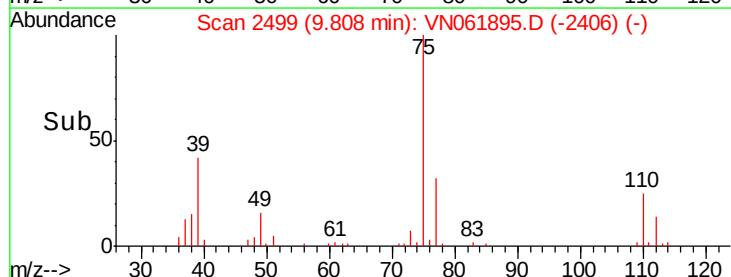
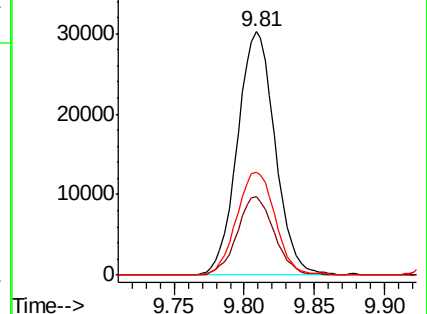
39 42.3 35.4 53.0

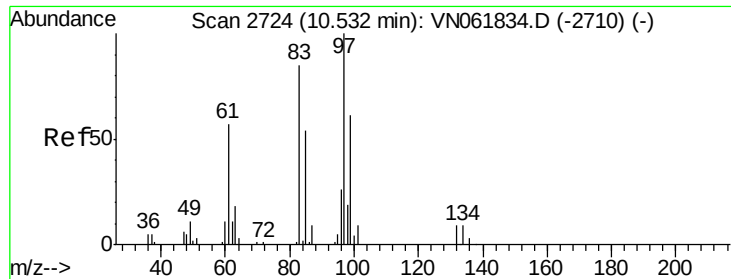


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

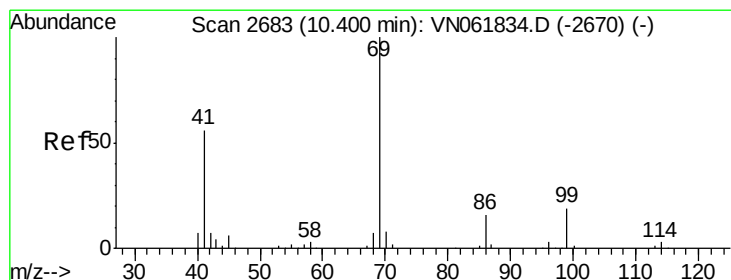
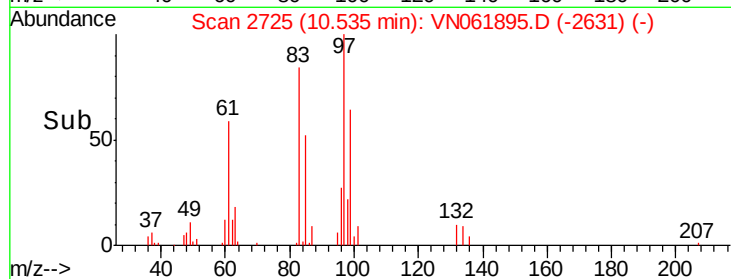
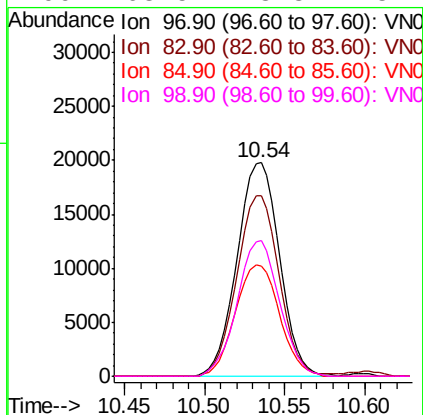
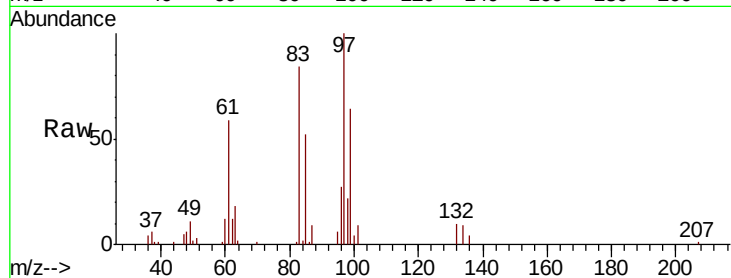




#55
 1,1,2-Trichloroethane
 Concen: 21.000 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN061895.D
 Acq: 18 Jun 2020 13:14

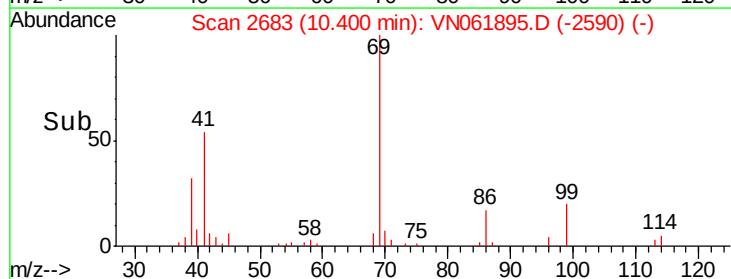
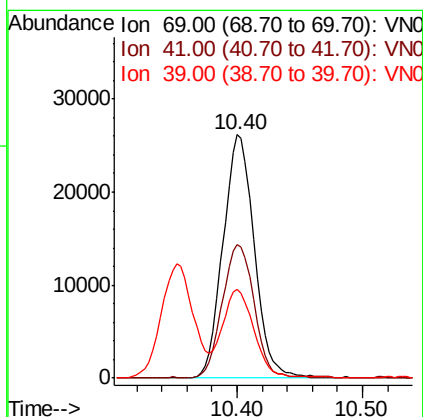
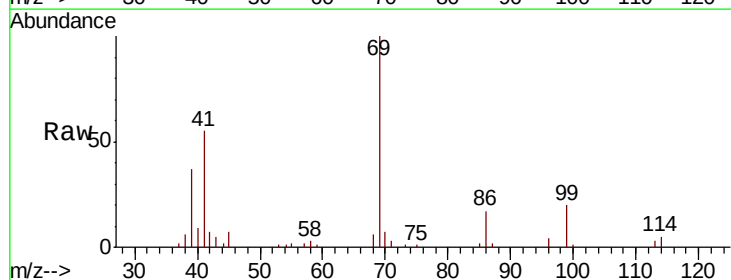
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBSD01

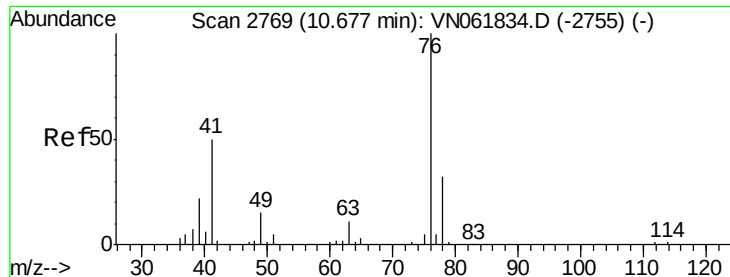
Tot Ion: 97 Resp: 35882
 Ion Ratio Lower Upper
 97 100
 83 84.4 67.7 101.5
 85 51.8 43.4 65.0
 99 63.5 48.8 73.2



#56
 Ethyl methacrylate
 Concen: 19.243 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061895.D
 Acq: 18 Jun 2020 13:14

Tgt Ion: 69 Resp: 45276
 Ion Ratio Lower Upper
 69 100
 41 56.0 44.9 67.3
 39 35.8 30.0 45.0

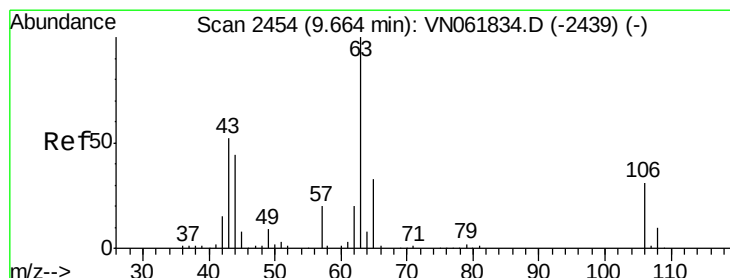
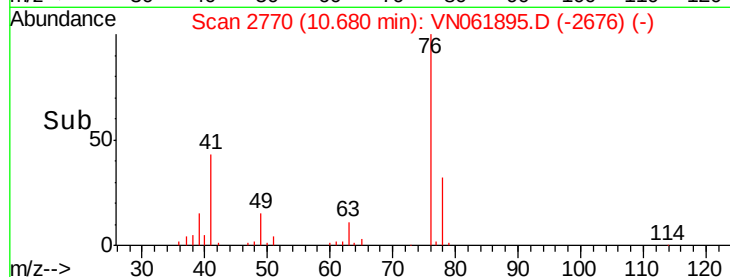
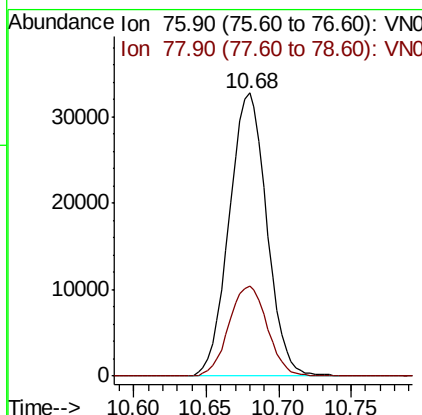
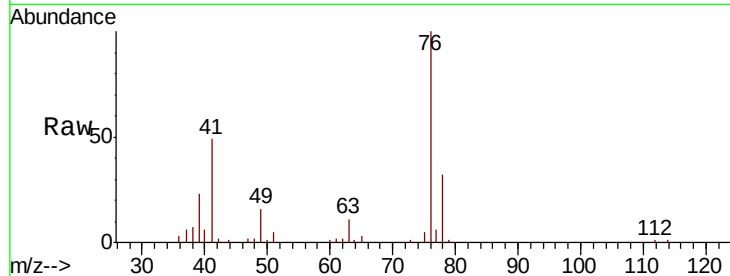




#57
 1,3-Dichloropropane
 Concen: 20.370 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN061895.D
 Acq: 18 Jun 2020 13:14

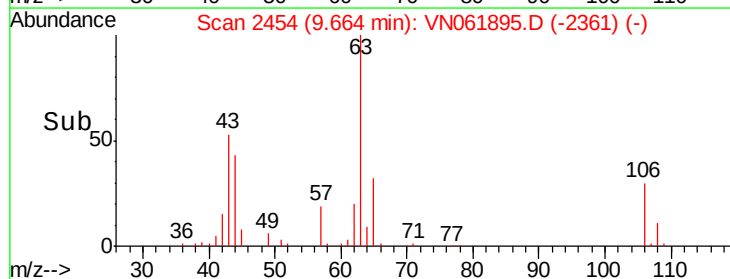
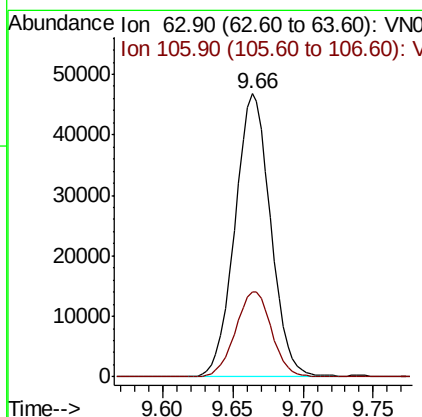
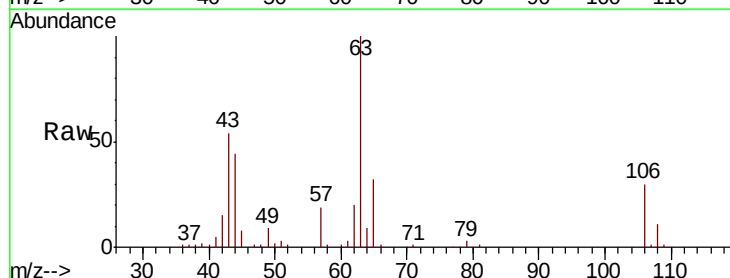
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBSD01

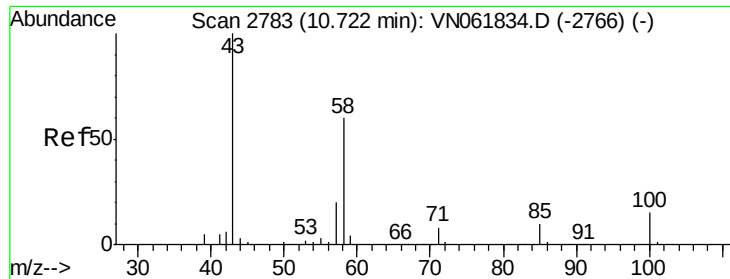
Tot Ion: 76 Resp: 58965
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.974 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN061895.D
 Acq: 18 Jun 2020 13:14

Tgt Ion: 63 Resp: 82939
 Ion Ratio Lower Upper
 63 100
 106 30.3 24.6 36.8

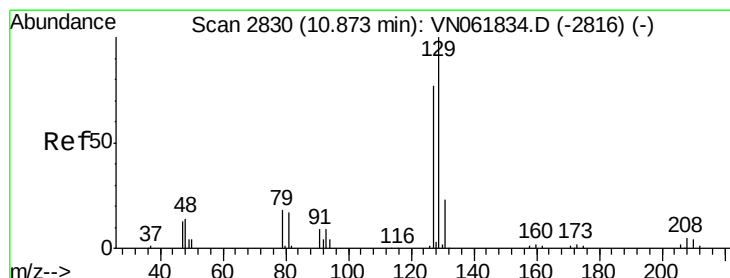
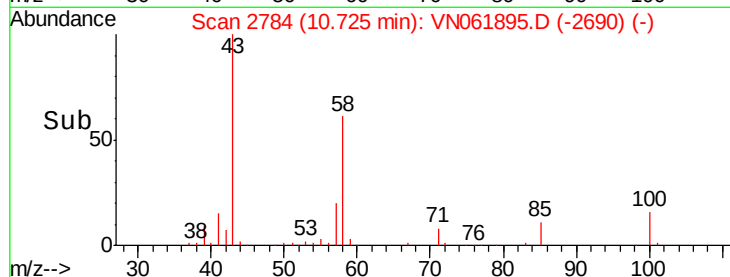
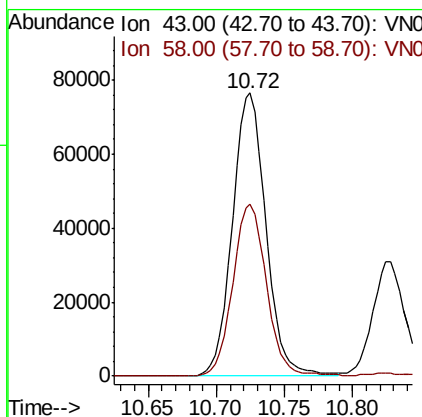
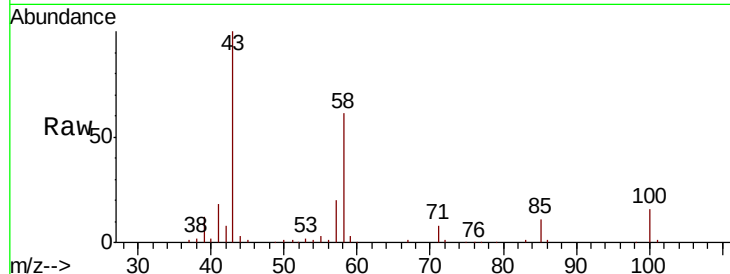




#59
2-Hexanone
Concen: 100.722 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN061895.D
Acq: 18 Jun 2020 13:14

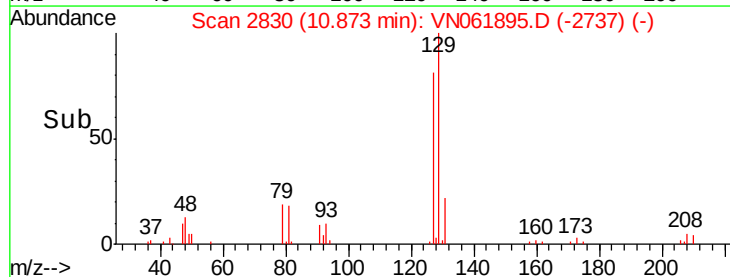
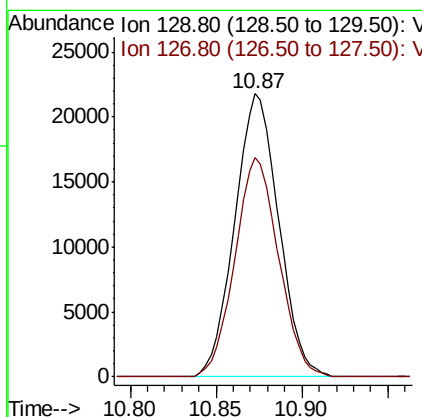
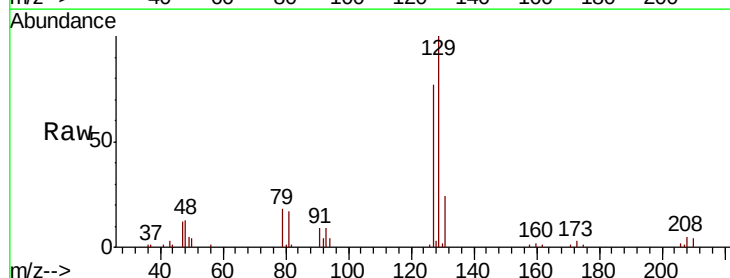
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01

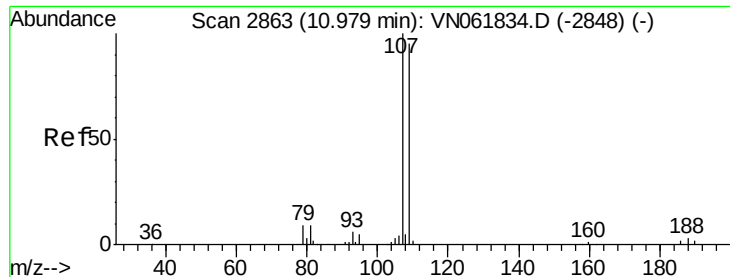
Tot Ion: 43 Resp: 130850
Ion Ratio Lower Upper
43 100
58 60.9 30.1 90.5



#60
Dibromochloromethane
Concen: 20.347 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061895.D
Acq: 18 Jun 2020 13:14

Tgt Ion:129 Resp: 38794
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5

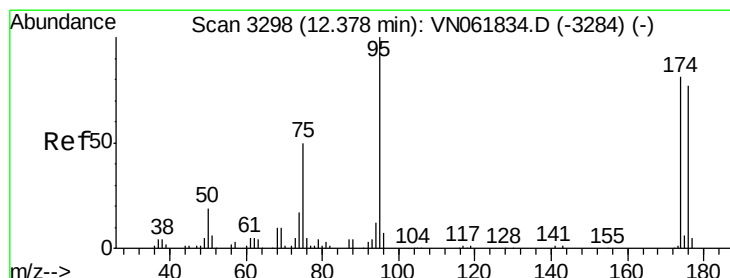
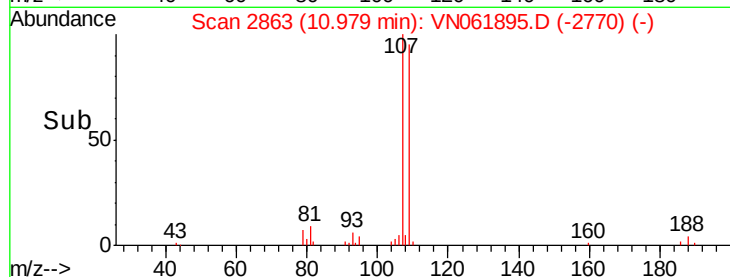
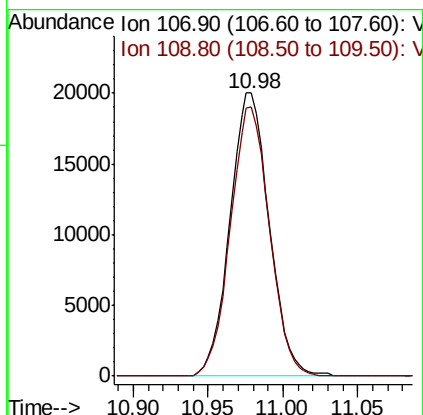
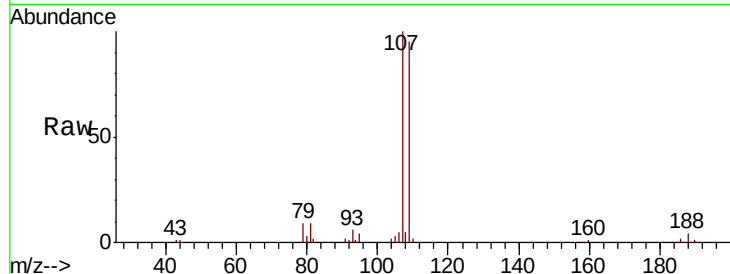




#61
 1,2-Dibromoethane
 Concen: 20.496 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN061895.D
 Acq: 18 Jun 2020 13:14

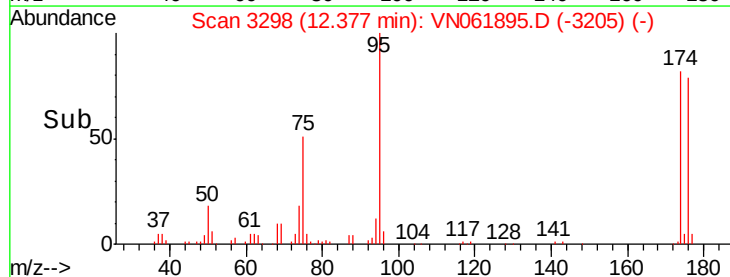
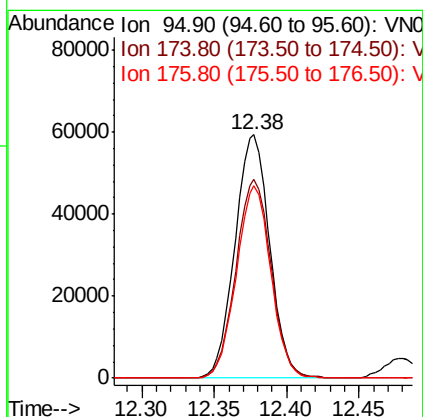
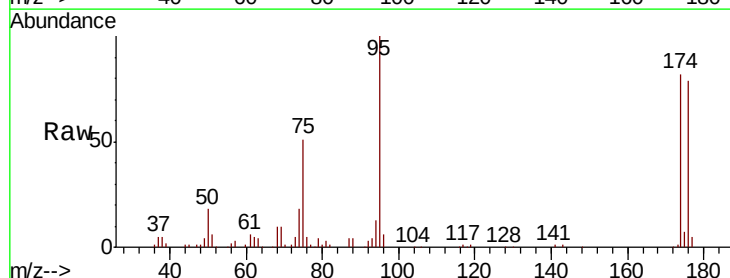
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBSD01

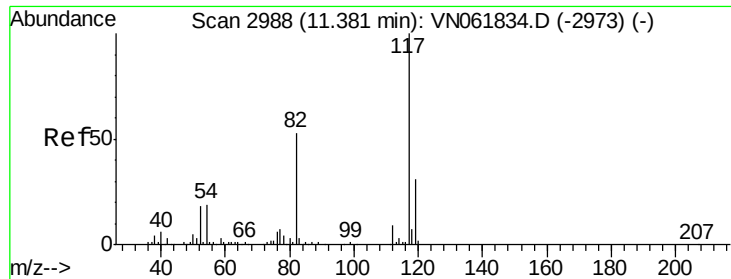
Tot Ion: 107 Resp: 36568
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 45.910 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN061895.D
 Acq: 18 Jun 2020 13:14

Tgt Ion: 95 Resp: 99124
 Ion Ratio Lower Upper
 95 100
 174 82.6 0.0 158.6
 176 78.2 0.0 152.0

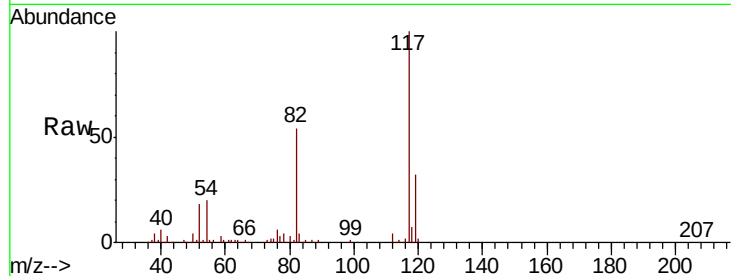




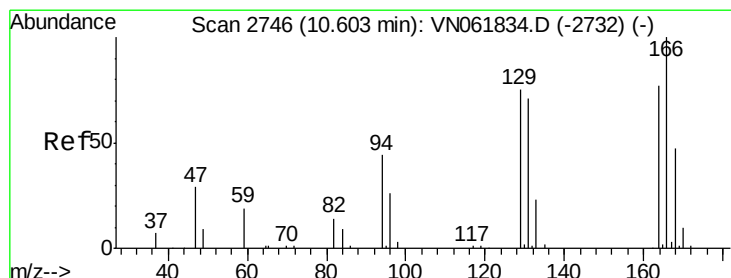
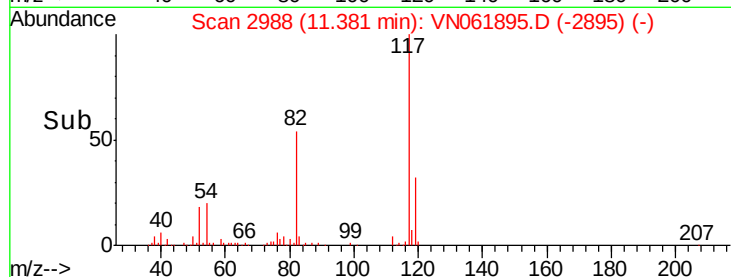
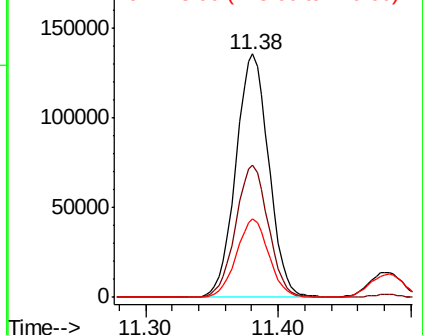
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061895.D
Acq: 18 Jun 2020 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01

Tot Ion:117 Resp: 234151
Ion Ratio Lower Upper
117 100
82 54.1 42.6 64.0
119 32.3 24.7 37.1

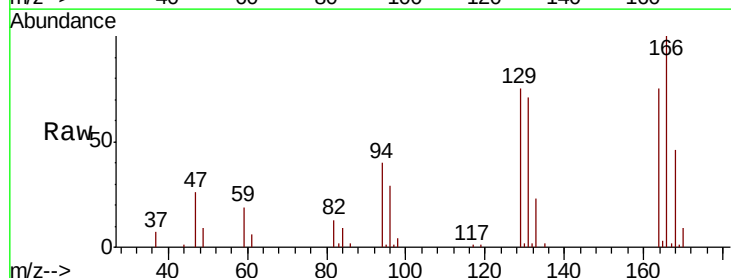


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

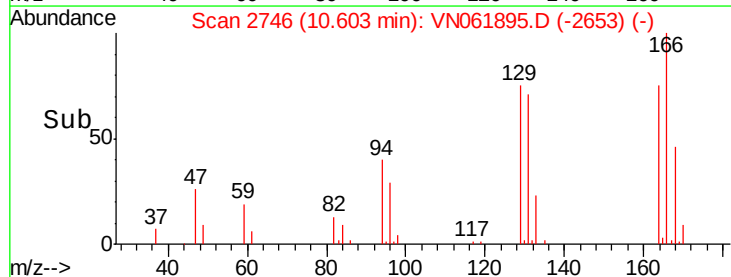
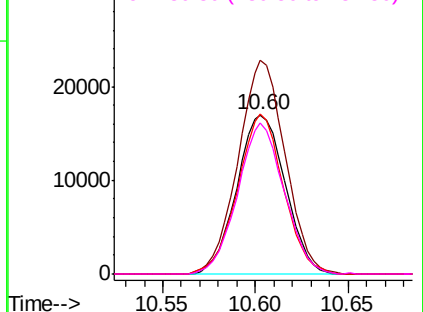


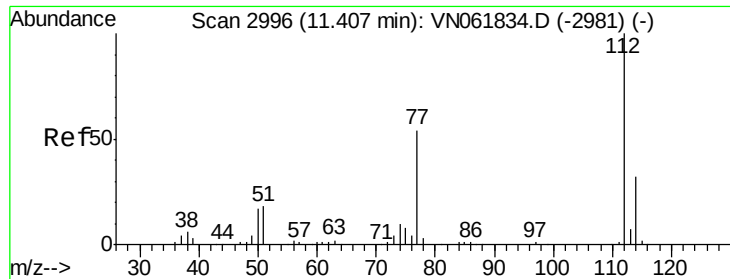
#64
Tetrachloroethene
Concen: 20.566 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061895.D
Acq: 18 Jun 2020 13:14

Tgt Ion:164 Resp: 30692
Ion Ratio Lower Upper
164 100
166 134.0 103.5 155.3
129 100.1 77.5 116.3
131 94.6 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

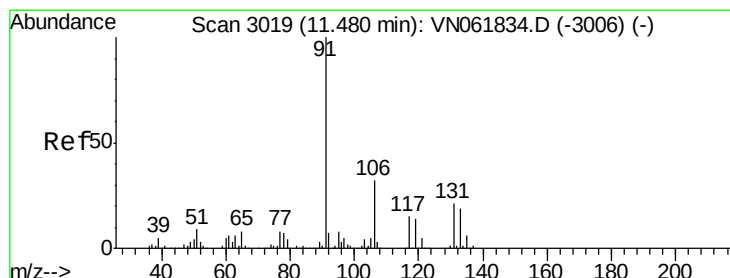
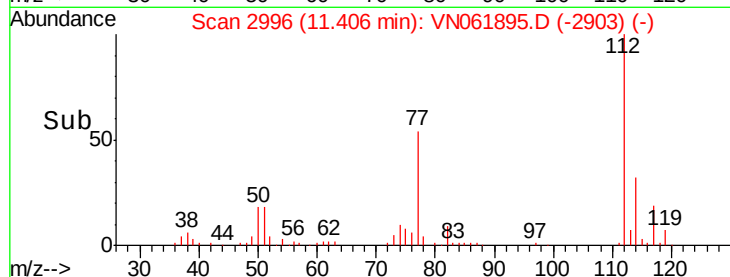
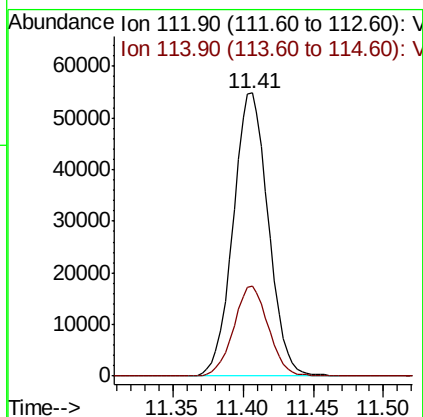
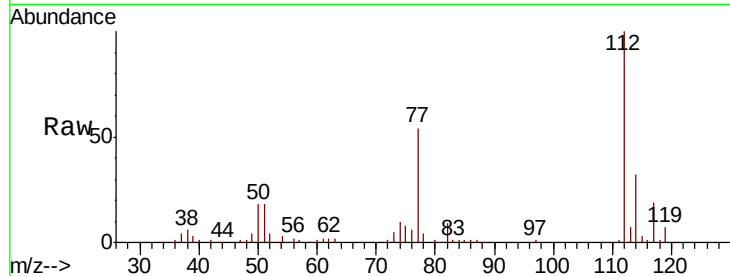




#65
Chlorobenzene
Concen: 19.370 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061895.D
Acq: 18 Jun 2020 13:14

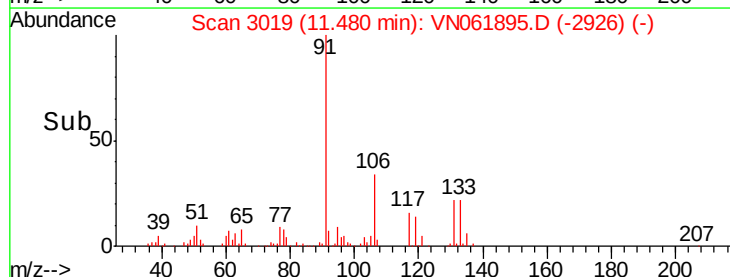
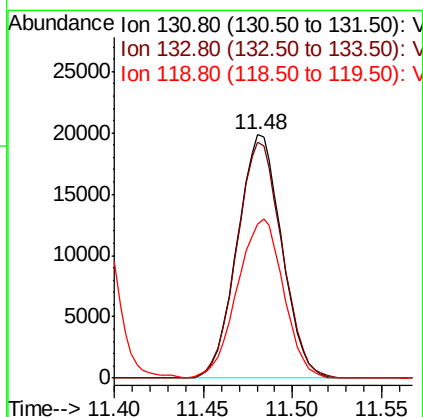
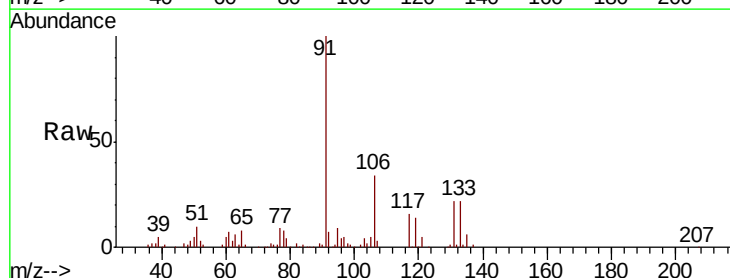
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01

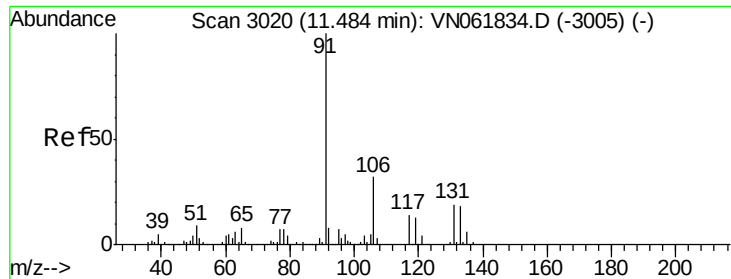
Tot Ion:112 Resp: 95702
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.063 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061895.D
Acq: 18 Jun 2020 13:14

Tgt Ion:131 Resp: 34572
Ion Ratio Lower Upper
131 100
133 98.6 47.5 142.5
119 67.8 34.0 101.8

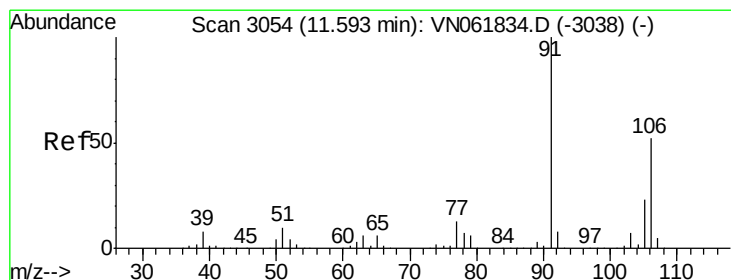
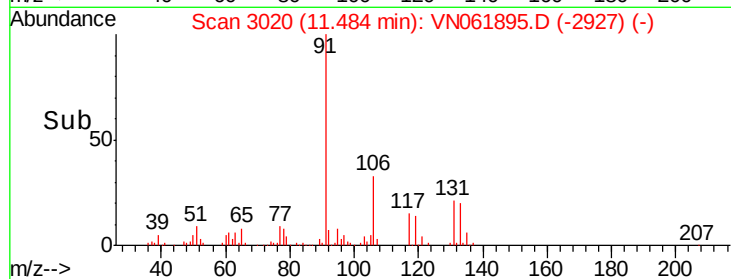
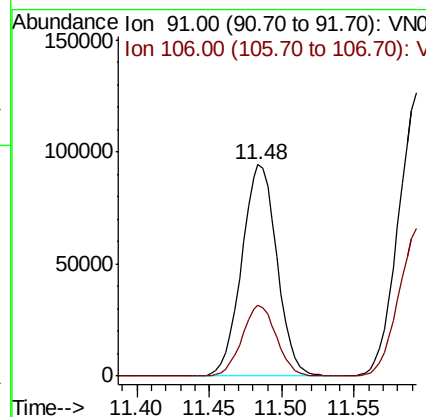
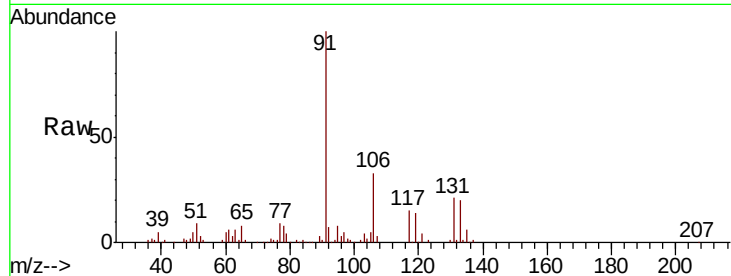




#67
Ethyl Benzene
Concen: 19.252 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061895.D
Acq: 18 Jun 2020 13:14

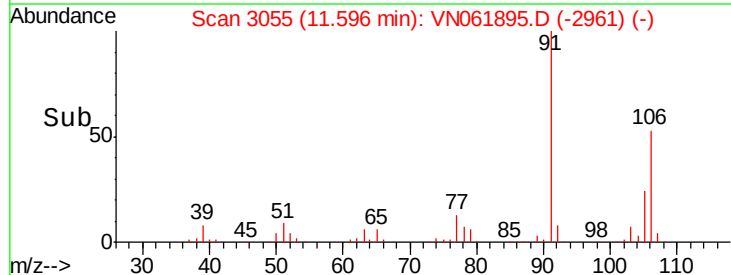
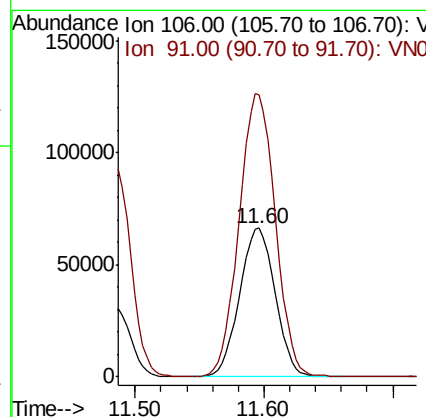
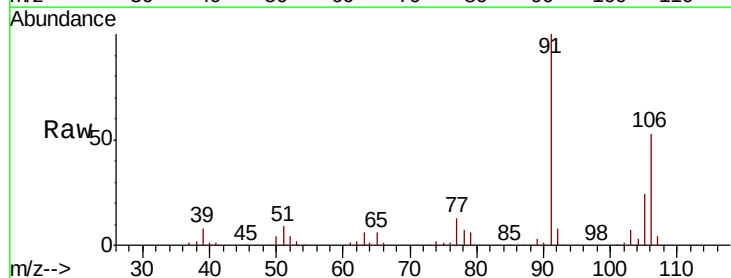
Instrument :
MSVOA_N
ClientSampled :
VN0618WBSD01

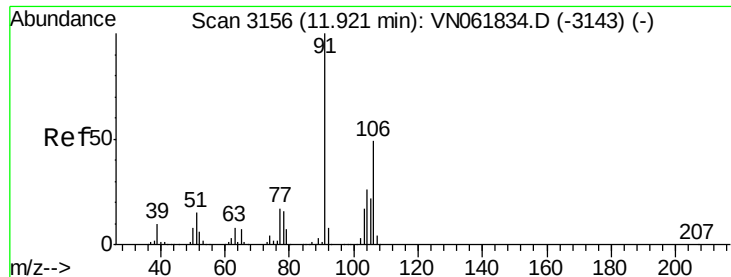
Tot Ion: 91 Resp: 159480
Ion Ratio Lower Upper
91 100
106 33.4 25.4 38.2



#68
m/p-Xylenes
Concen: 40.014 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061895.D
Acq: 18 Jun 2020 13:14

Tgt Ion: 106 Resp: 127816
Ion Ratio Lower Upper
106 100
91 192.3 157.0 235.6

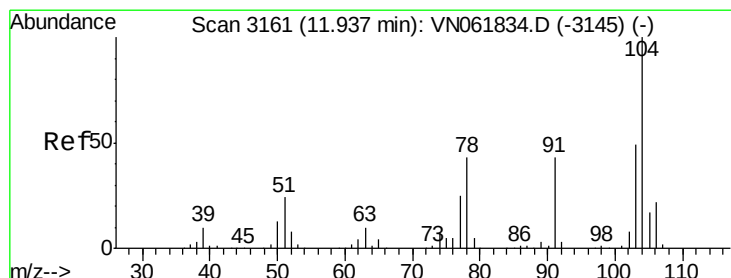
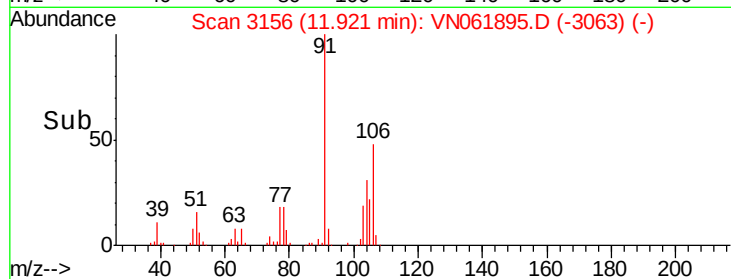
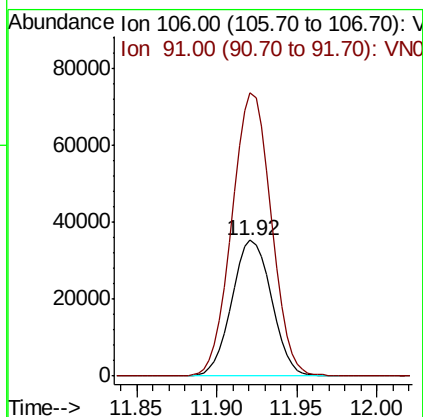
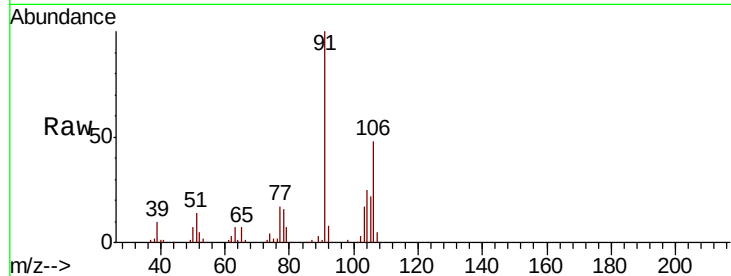




#69
o-Xylene
Concen: 19.761 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061895.D
Acq: 18 Jun 2020 13:14

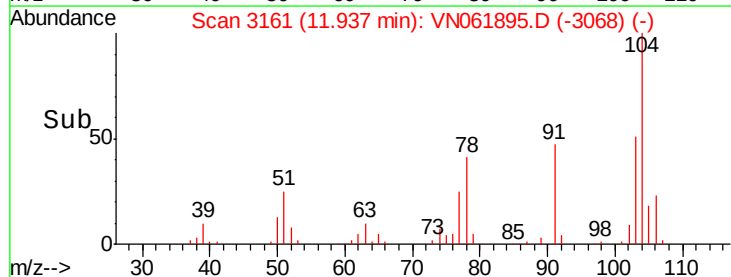
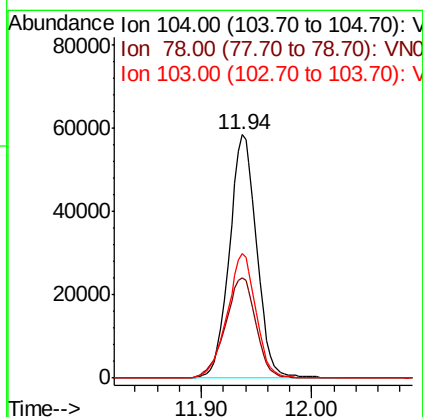
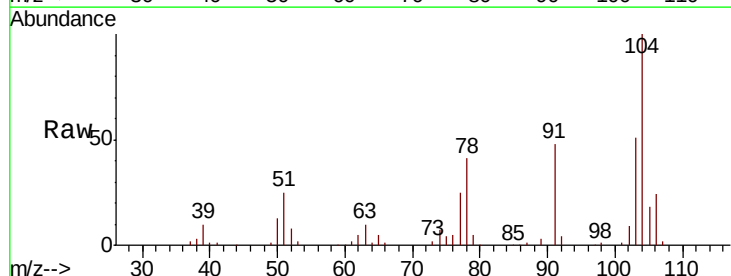
Instrument :
MSVOA_N
ClientSampled :
VN0618WBSD01

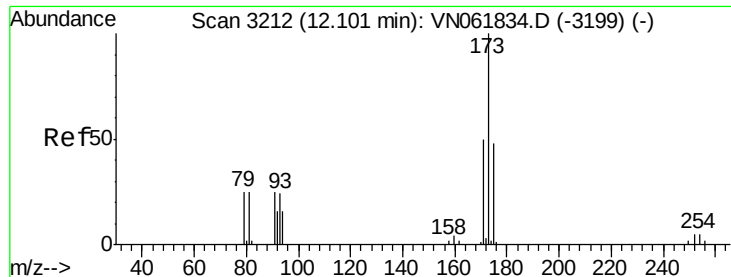
Tot Ion:106 Resp: 60229
Ion Ratio Lower Upper
106 100
91 205.4 103.0 308.9



#70
Styrene
Concen: 19.599 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061895.D
Acq: 18 Jun 2020 13:14

Tgt Ion:104 Resp: 100018
Ion Ratio Lower Upper
104 100
78 46.2 37.6 56.4
103 53.6 43.0 64.4





#71

Bromoform

Concen: 20.021 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN061895.D

Acq: 18 Jun 2020 13:14

Instrument :

MSVOA_N

ClientSampled :

VN0618WBSD01

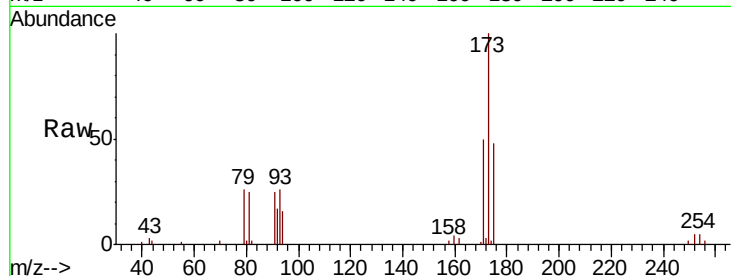
Tot Ion:173 Resp: 25155

Ion Ratio Lower Upper

173 100

175 46.9 23.9 71.7

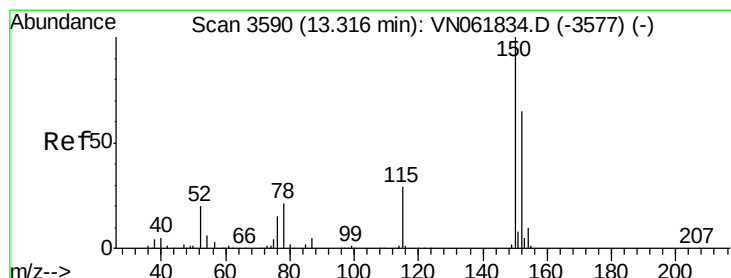
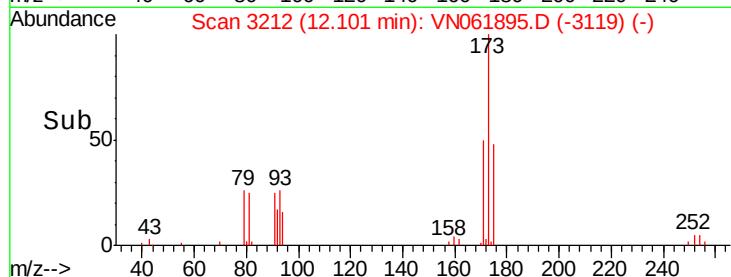
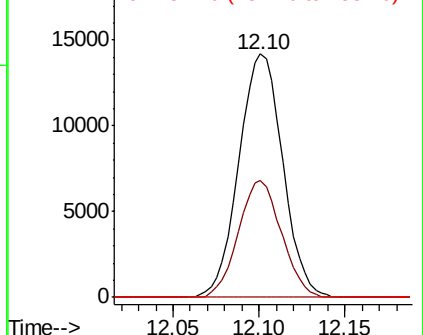
254 0.0 0.0 0.0



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: VN061895.D

Acq: 18 Jun 2020 13:14

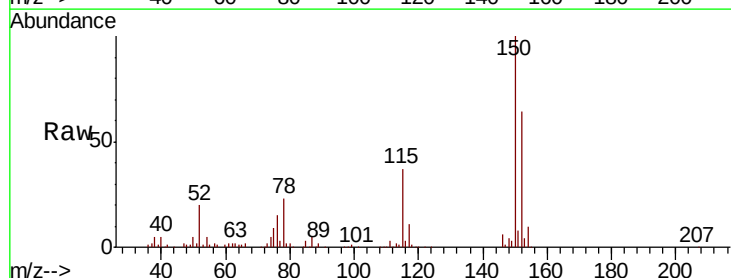
Tgt Ion:152 Resp: 108325

Ion Ratio Lower Upper

152 100

115 57.5 29.1 87.3

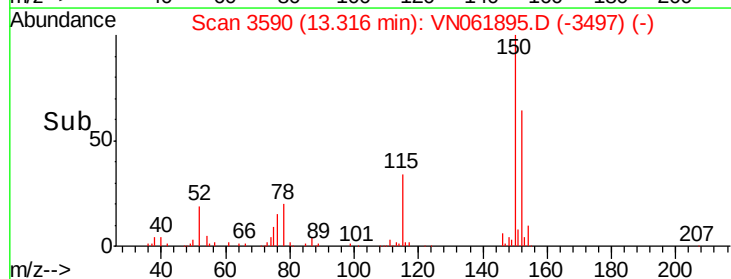
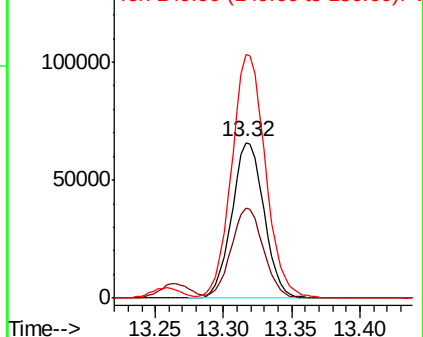
150 164.0 0.0 347.6

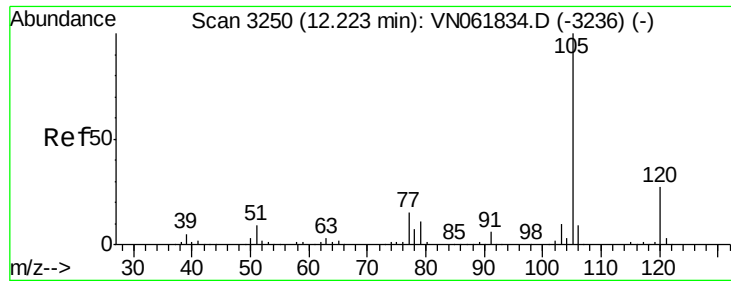


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.277 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061895.D

Acq: 18 Jun 2020 13:14

Instrument :

MSVOA_N

ClientSampleId :

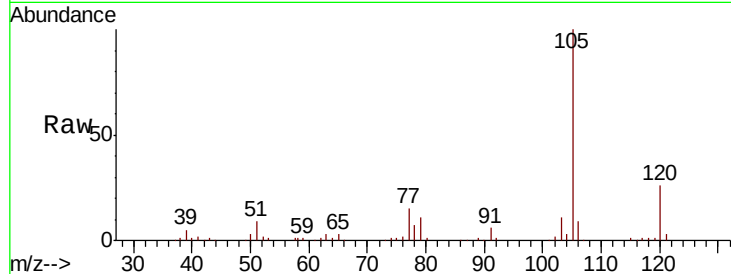
VN0618WBSD01

Tot Ion:105 Resp: 156089

Ion Ratio Lower Upper

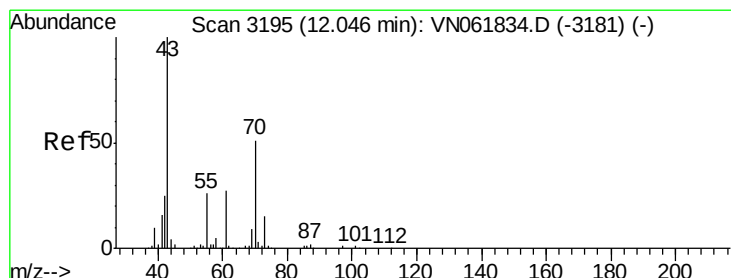
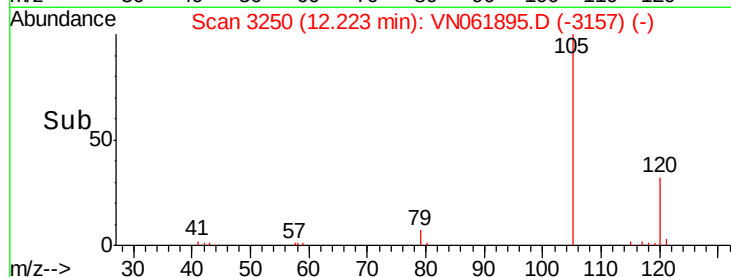
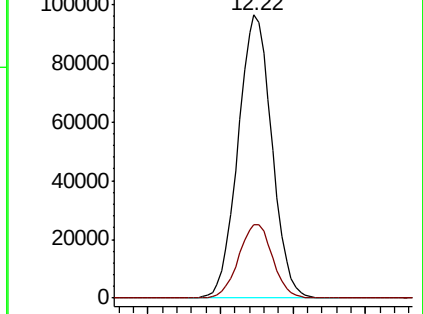
105 100

120 26.1 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: 19.320 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061895.D

Acq: 18 Jun 2020 13:14

Tgt Ion: 43 Resp: 48275

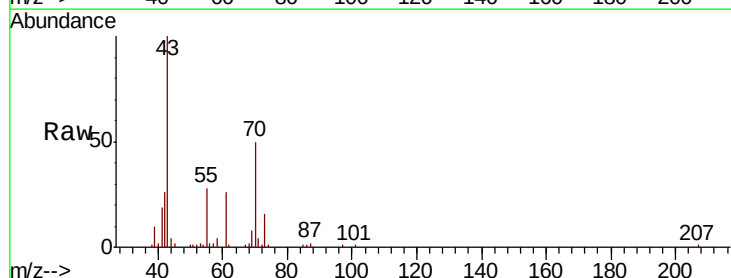
Ion Ratio Lower Upper

43 100

70 50.5 40.6 60.8

55 28.3 21.5 32.3

61 26.3 21.6 32.4

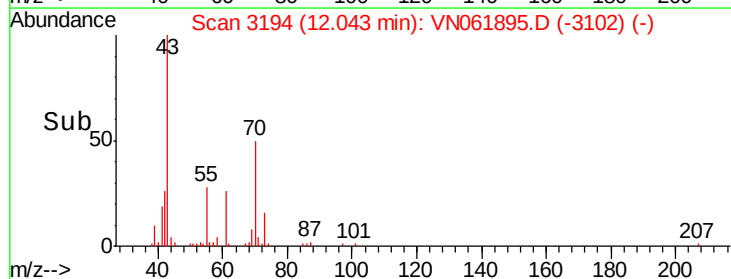
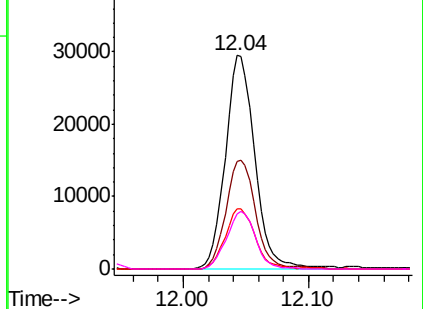


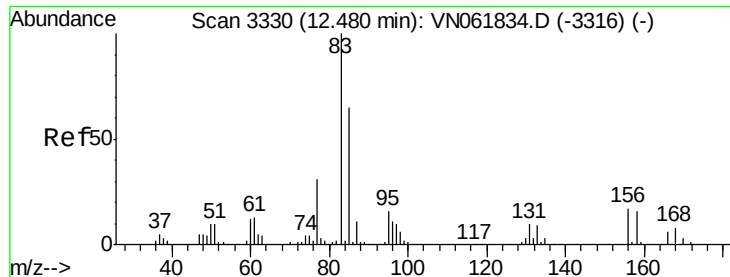
Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 20.811 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN061895.D

Acq: 18 Jun 2020 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBSD01

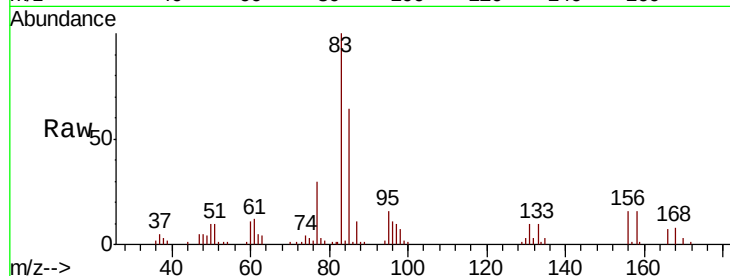
Tot Ion: 83 Resp: 52083

Ion Ratio Lower Upper

83 100

131 9.9 5.0 15.0

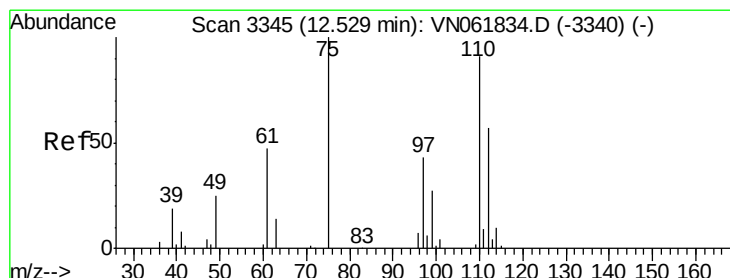
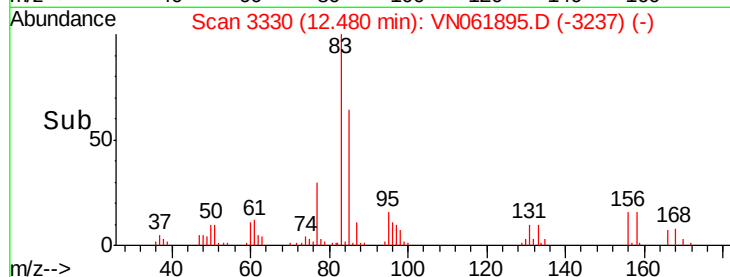
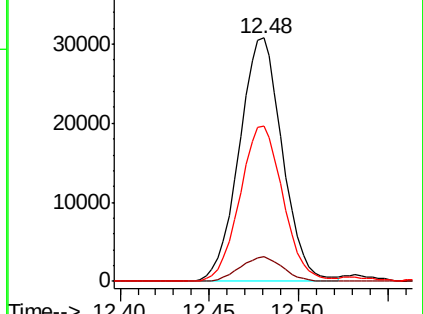
85 63.4 32.4 97.2



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: 28.879 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN061895.D

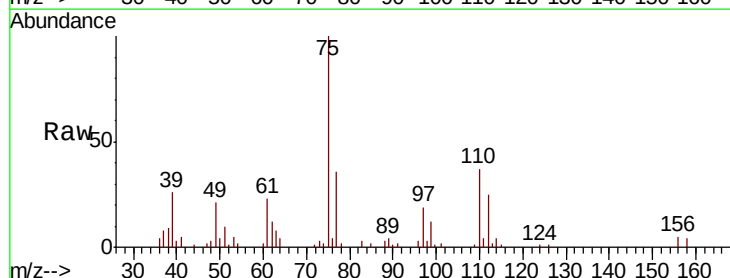
Acq: 18 Jun 2020 13:14

Tgt Ion: 75 Resp: 61416

Ion Ratio Lower Upper

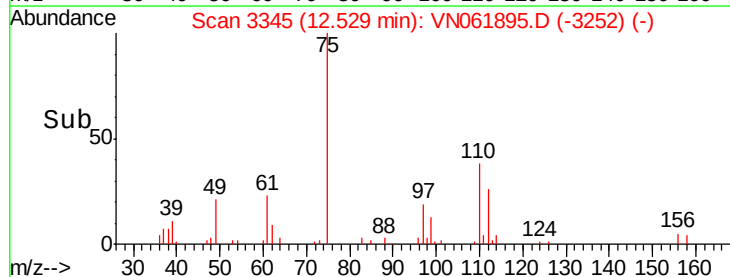
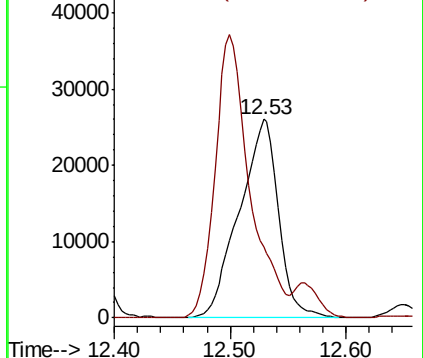
75 100

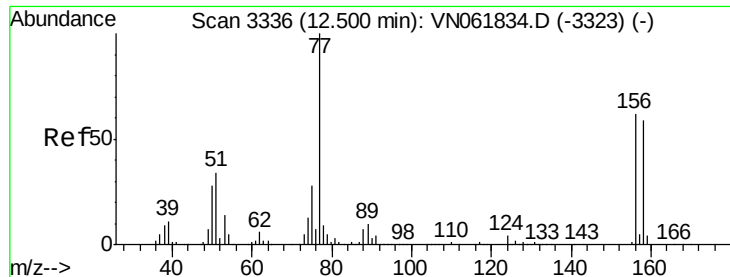
77 0.0 0.0 0.0



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: 20.333 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061895.D

Acq: 18 Jun 2020 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBSD01

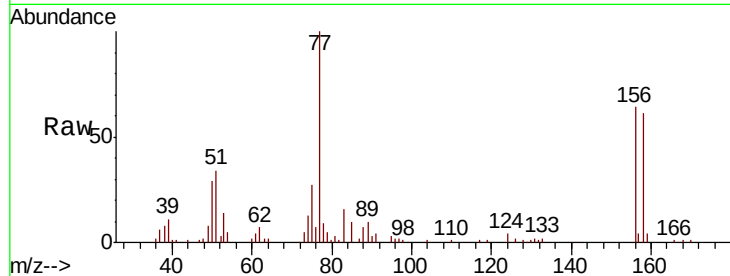
Tot Ion:156 Resp: 39487

Ion Ratio Lower Upper

156 100

77 196.4 100.7 302.1

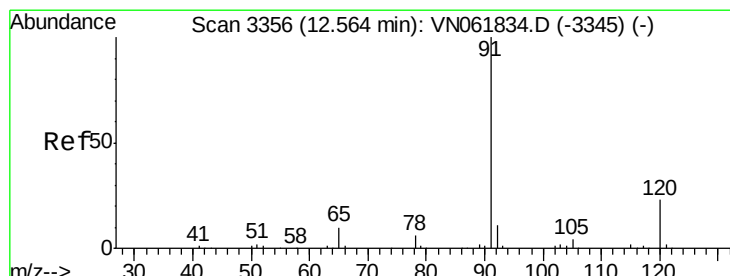
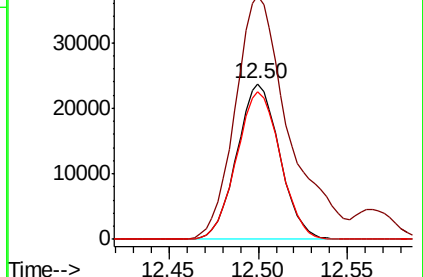
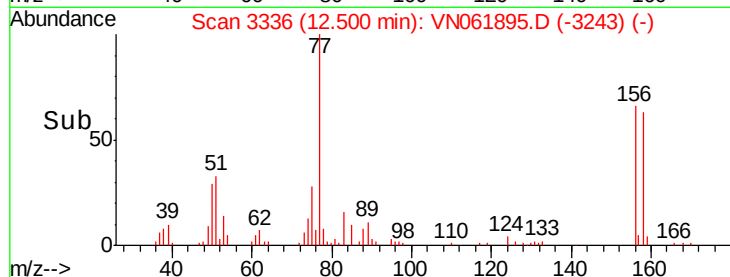
158 97.3 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.745 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061895.D

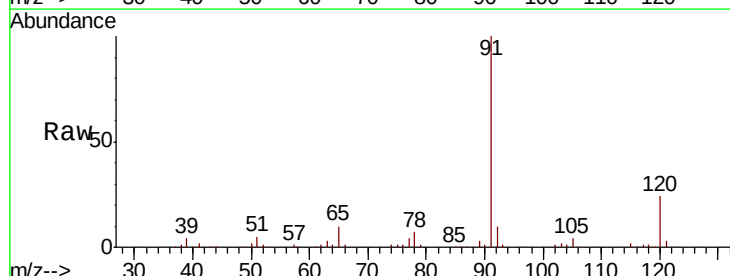
Acq: 18 Jun 2020 13:14

Tgt Ion: 91 Resp: 173426

Ion Ratio Lower Upper

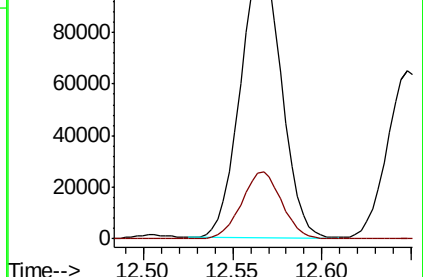
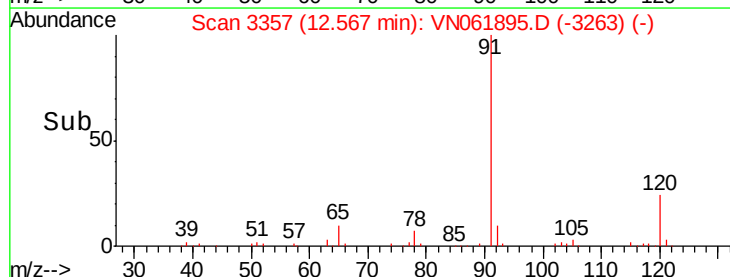
91 100

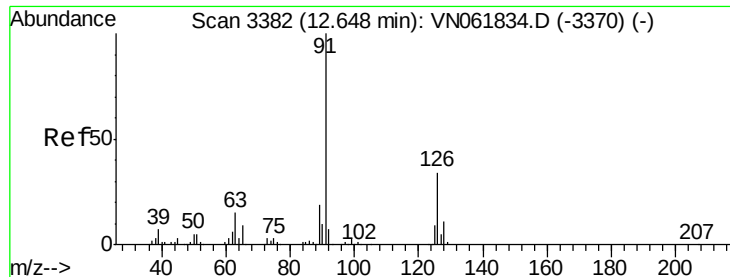
120 23.6 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

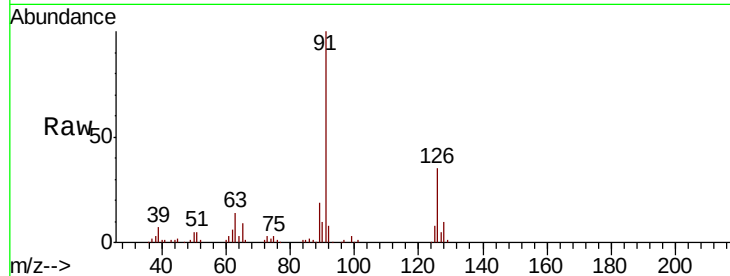




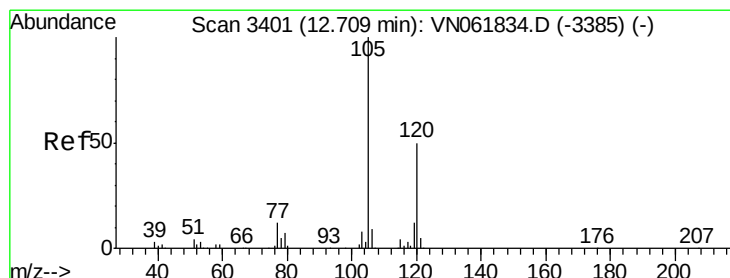
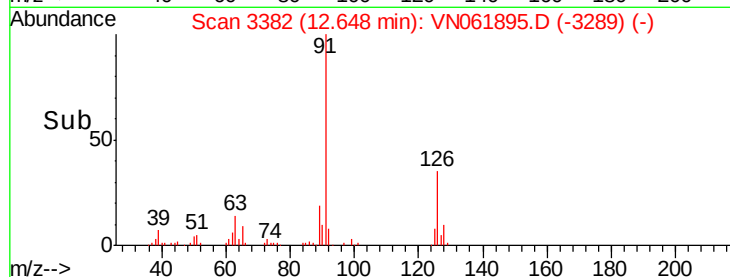
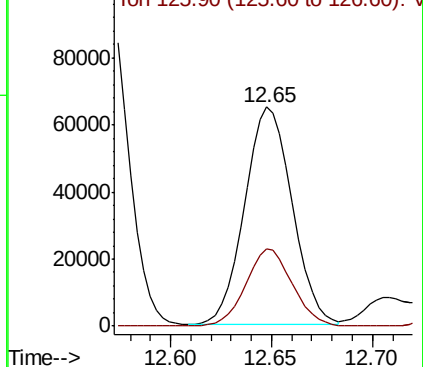
#79
 2-Chlorotoluene
 Concen: 20.355 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN061895.D
 Acq: 18 Jun 2020 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBSD01

Tot Ion: 91 Resp: 107377
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.3 51.7

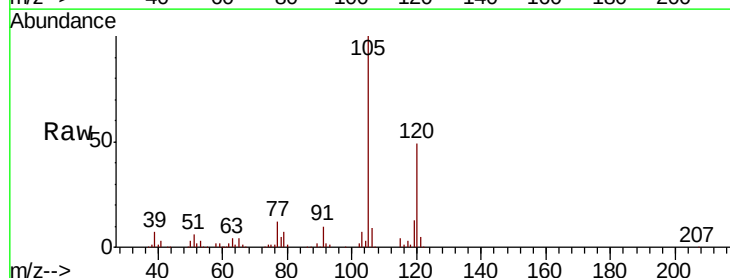


Abundance Ion 91.00 (90.70 to 91.70): VN061834.D (-3370) (-)
 Ion 125.90 (125.60 to 126.60): VN061834.D (-3370) (-)

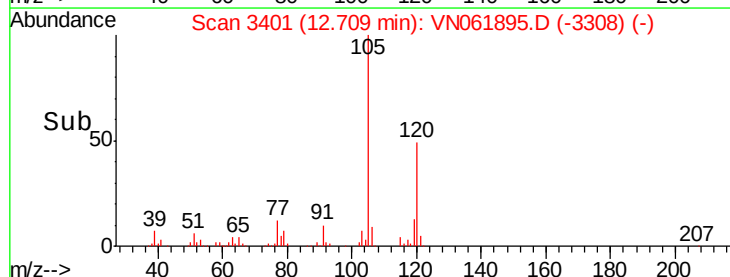
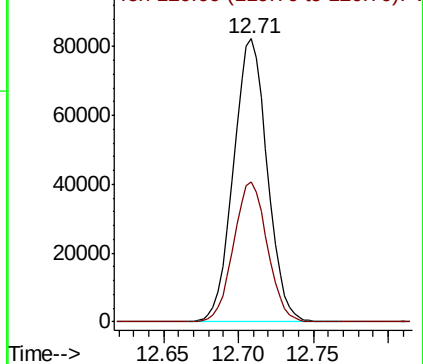


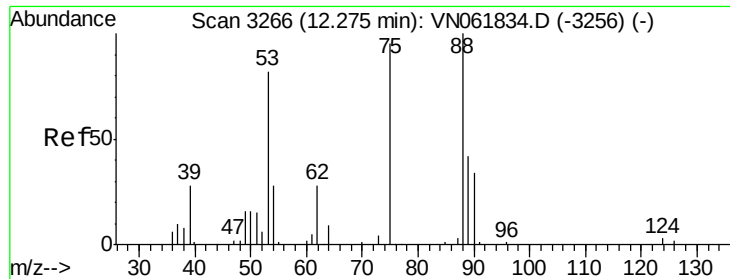
#80
 1,3,5-Trimethylbenzene
 Concen: 20.351 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN061895.D
 Acq: 18 Jun 2020 13:14

Tgt Ion: 105 Resp: 129604
 Ion Ratio Lower Upper
 105 100
 120 49.4 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: 19.308 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061895.D

Acq: 18 Jun 2020 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBSD01

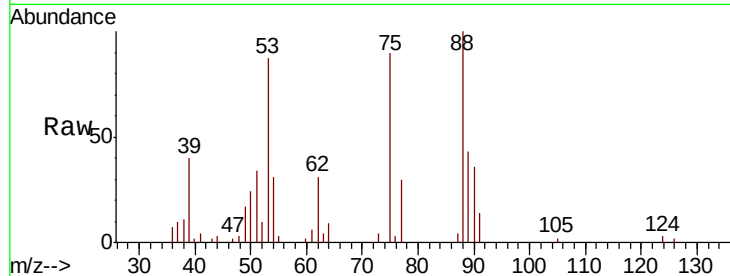
Tot Ion: 75 Resp: 15055

Ion Ratio Lower Upper

75 100

53 93.6 70.4 105.6

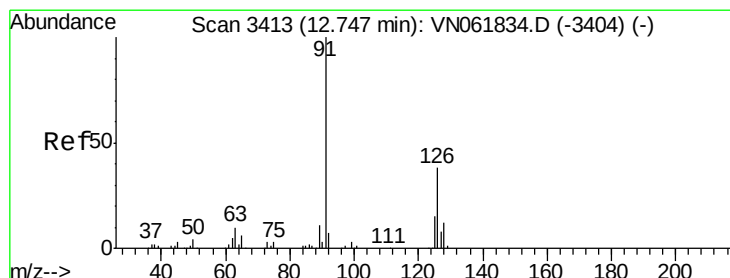
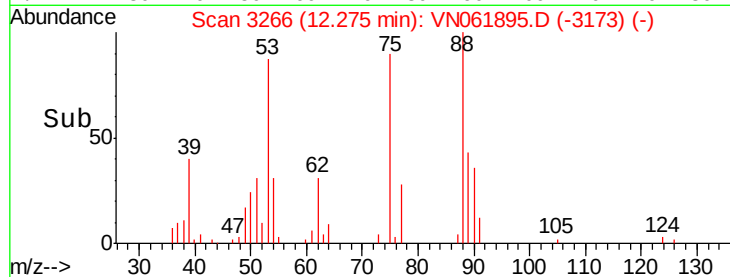
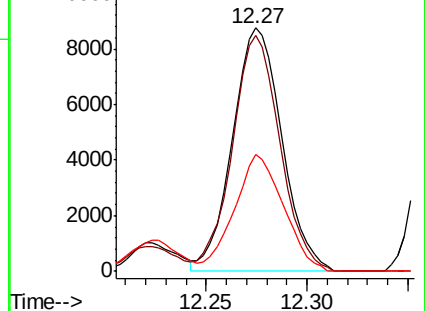
89 47.6 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN061895.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN061895.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN061895.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 19.660 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061895.D

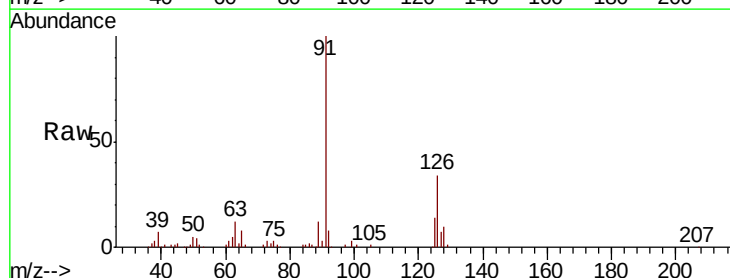
Acq: 18 Jun 2020 13:14

Tgt Ion: 91 Resp: 107164

Ion Ratio Lower Upper

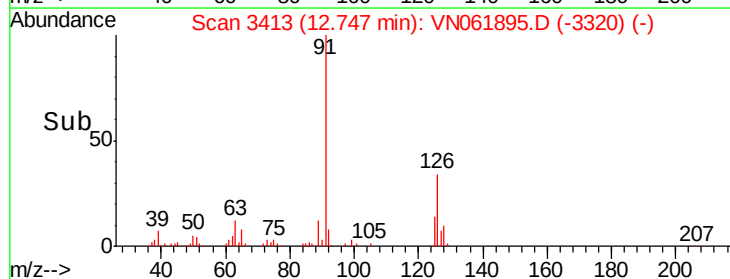
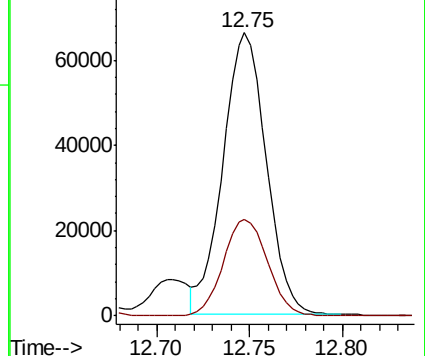
91 100

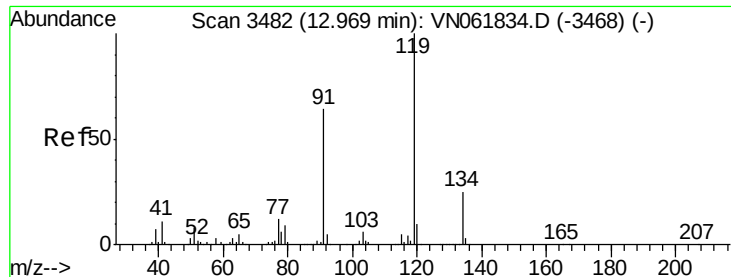
126 35.0 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN061895.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN061895.D (-3320) (-)

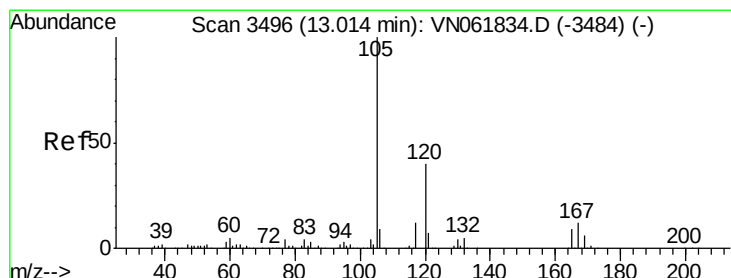
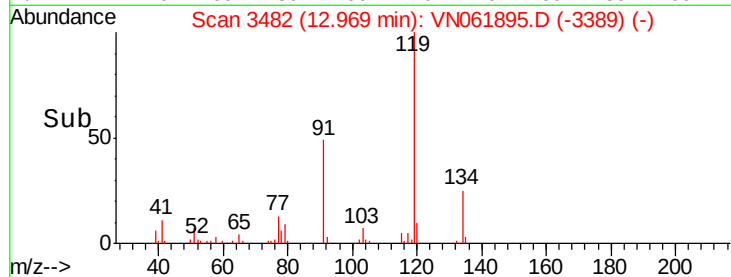
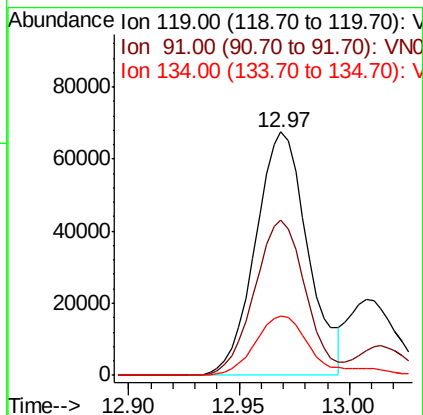
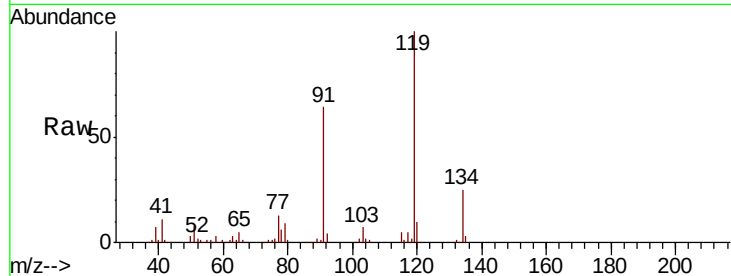




#83
 tert-Butylbenzene
 Concen: 20.544 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN061895.D
 Acq: 18 Jun 2020 13:14

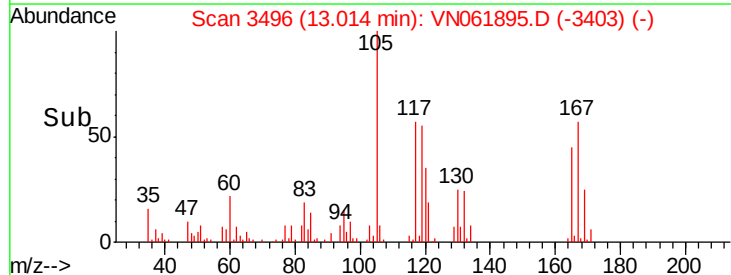
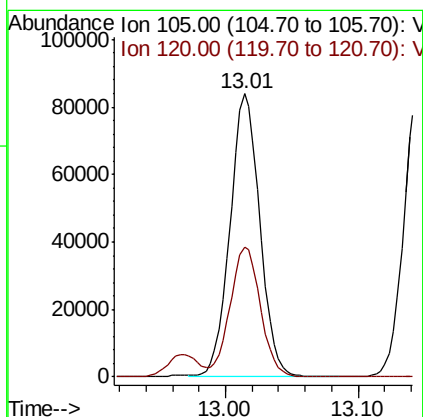
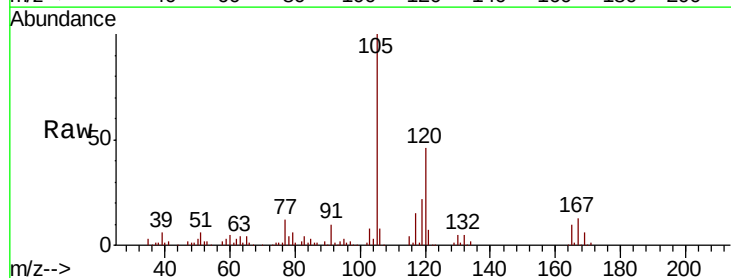
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBSD01

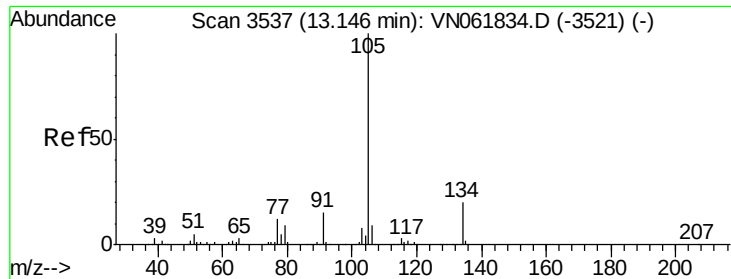
Tot Ion:119 Resp: 110915
 Ion Ratio Lower Upper
 119 100
 91 62.7 31.5 94.5
 134 25.0 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.855 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061895.D
 Acq: 18 Jun 2020 13:14

Tgt Ion:105 Resp: 131103
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.3 69.9





#85

sec-Butylbenzene

Concen: 20.394 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061895.D

Acq: 18 Jun 2020 13:14

Instrument :

MSVOA_N

ClientSampleId :

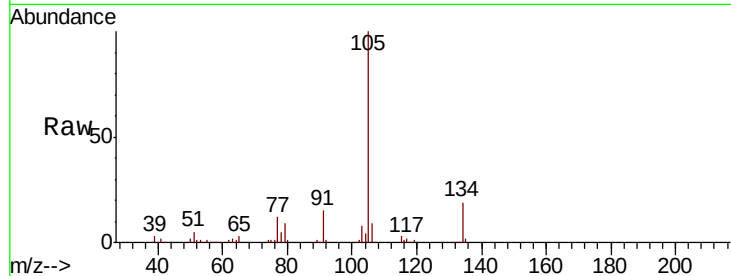
VN0618WBSD01

Tot Ion:105 Resp: 144115

Ion Ratio Lower Upper

105 100

134 19.1 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

100000

80000

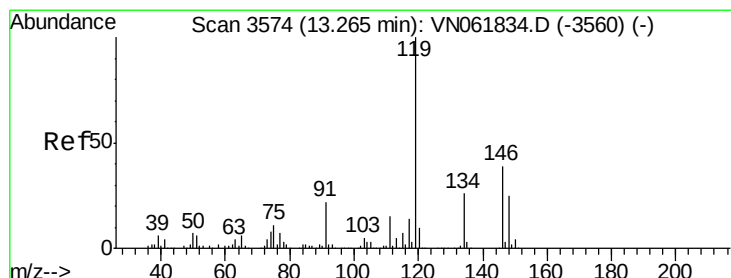
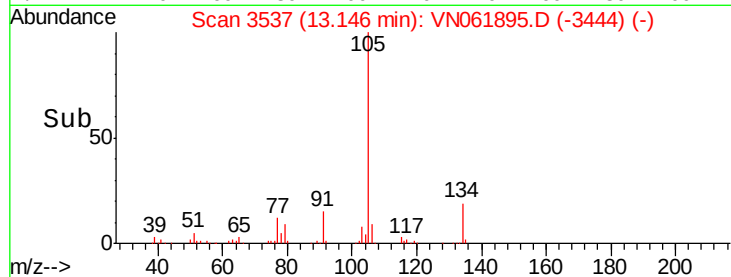
60000

40000

20000

0

Time--> 13.05 13.10 13.15 13.20



#86

p-Isopropyltoluene

Concen: 20.560 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061895.D

Acq: 18 Jun 2020 13:14

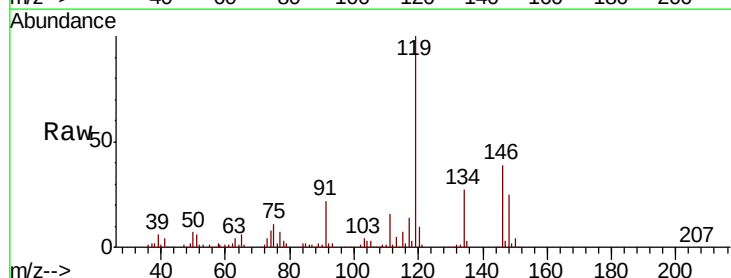
Tgt Ion:119 Resp: 129468

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.9

91 22.2 11.2 33.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

100000

80000

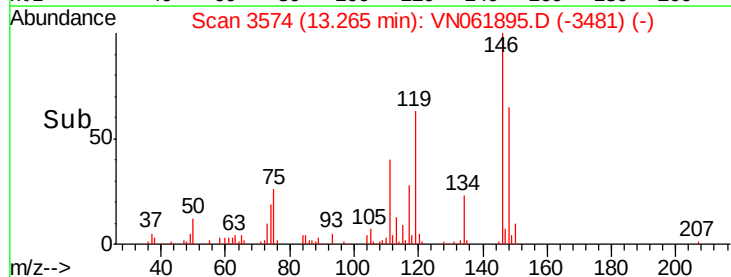
60000

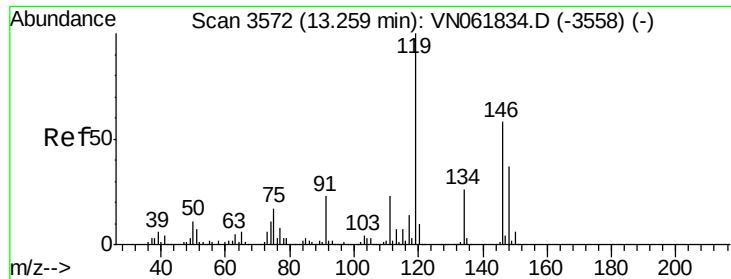
40000

20000

0

Time--> 13.20 13.30

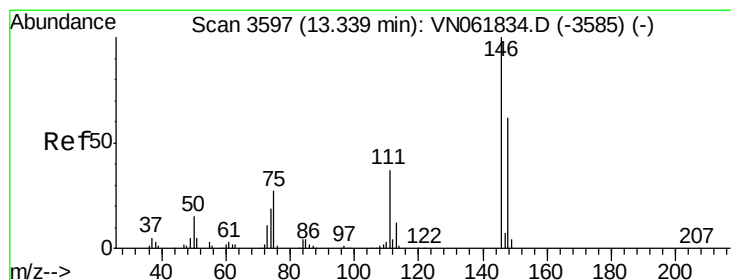
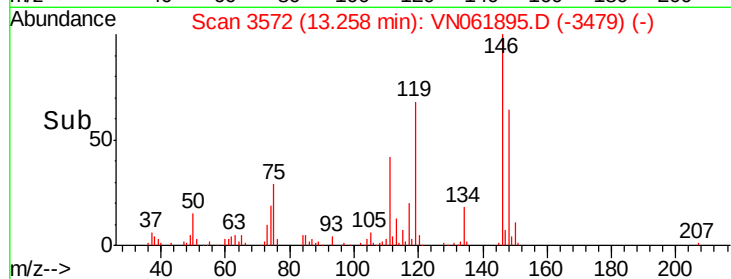
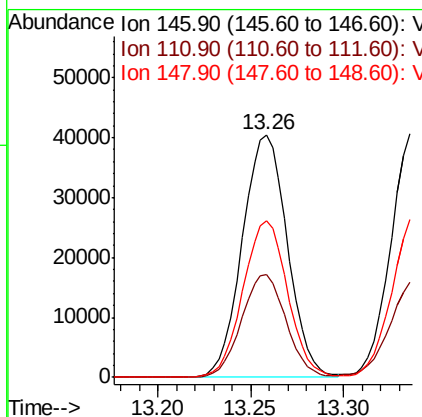
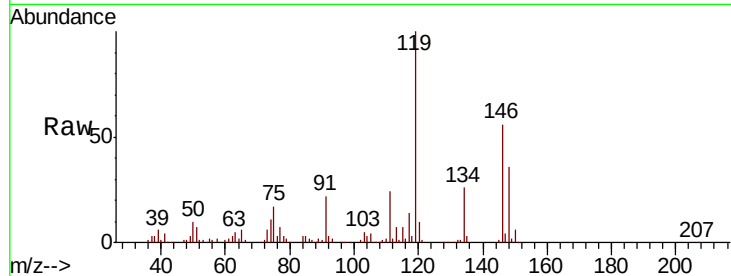




#87
 1,3-Dichlorobenzene
 Concen: 19.354 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061895.D
 Acq: 18 Jun 2020 13:14

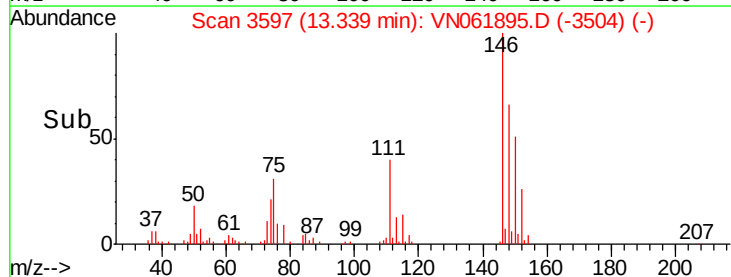
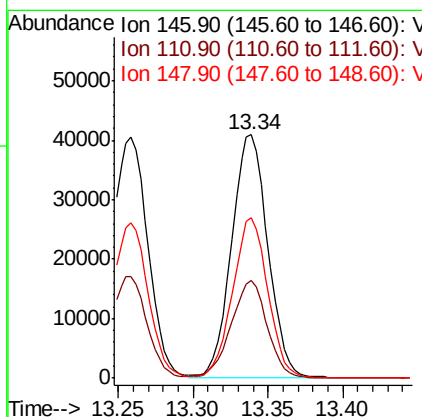
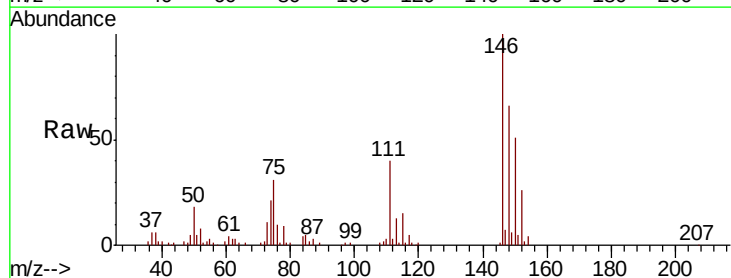
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBSD01

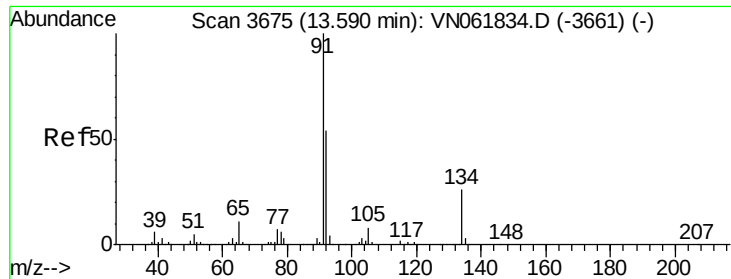
Tot Ion:146 Resp: 68553
 Ion Ratio Lower Upper
 146 100
 111 42.0 19.6 58.8
 148 64.1 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.084 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN061895.D
 Acq: 18 Jun 2020 13:14

Tgt Ion:146 Resp: 69190
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.3 57.8
 148 64.0 31.6 94.7

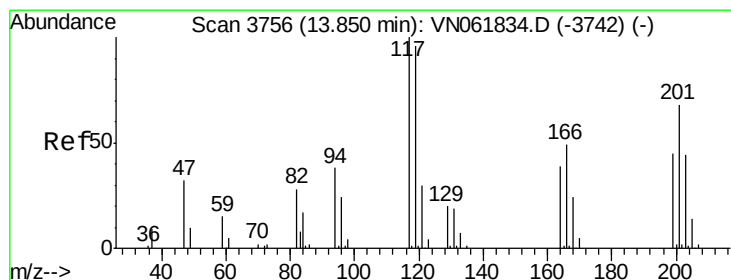
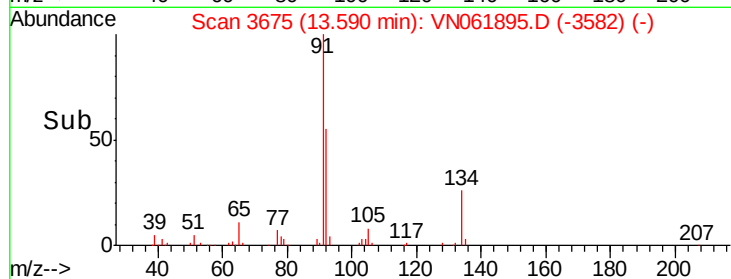
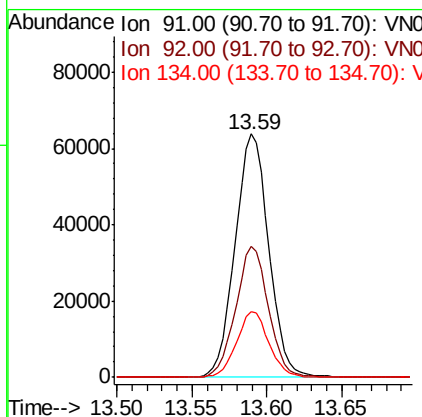
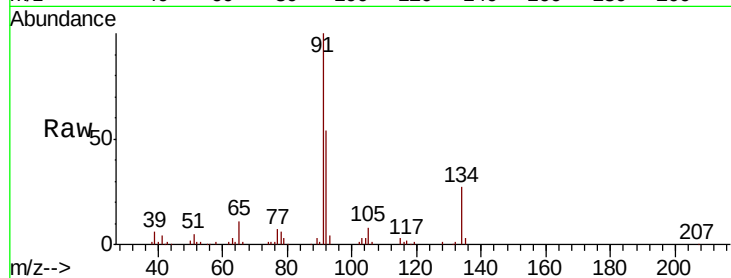




#89
n-Butylbenzene
Concen: 19.030 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061895.D
Acq: 18 Jun 2020 13:14

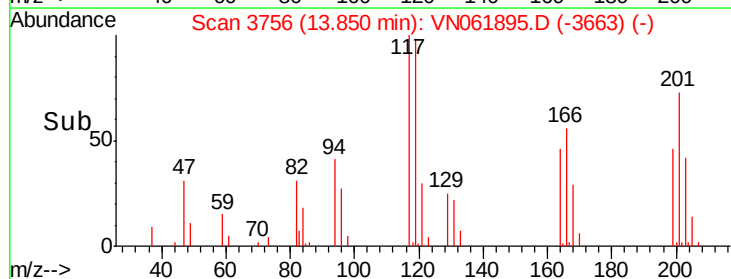
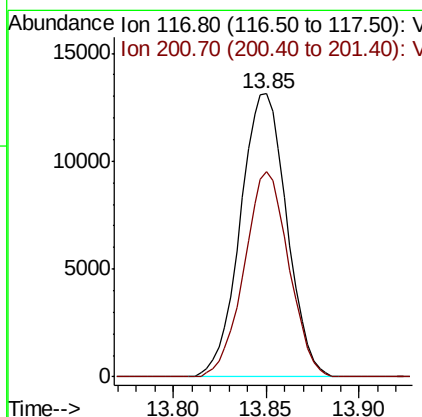
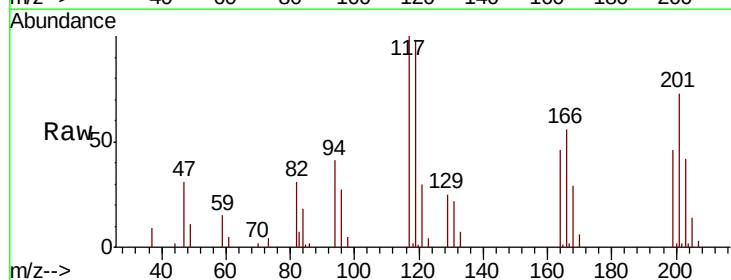
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01

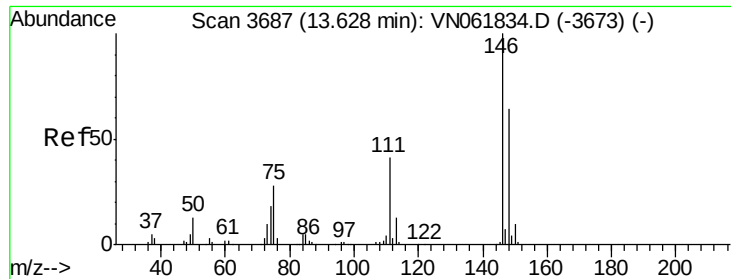
Tot Ion: 91 Resp: 100077
Ion Ratio Lower Upper
91 100
92 52.1 27.0 80.8
134 25.9 13.0 39.0



#90
Hexachloroethane
Concen: 19.862 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN061895.D
Acq: 18 Jun 2020 13:14

Tgt Ion: 117 Resp: 22894
Ion Ratio Lower Upper
117 100
201 69.4 34.6 103.8

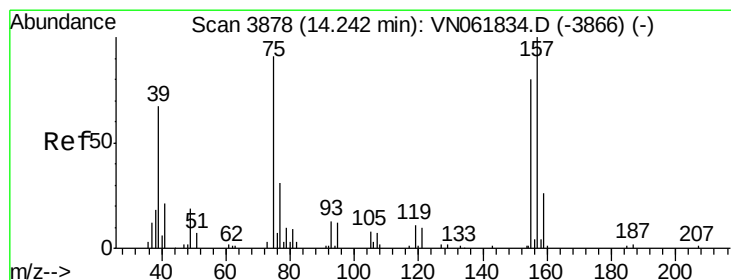
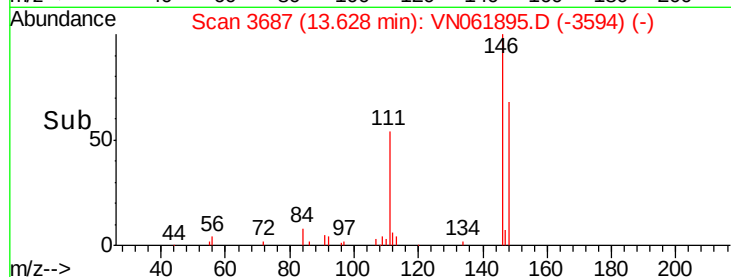
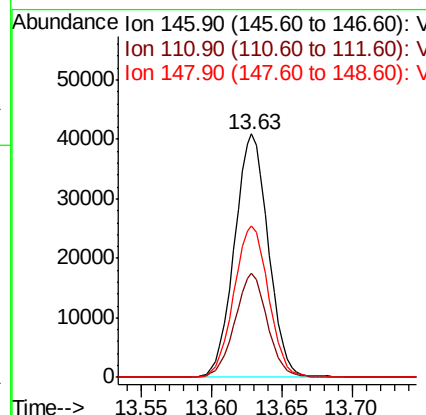
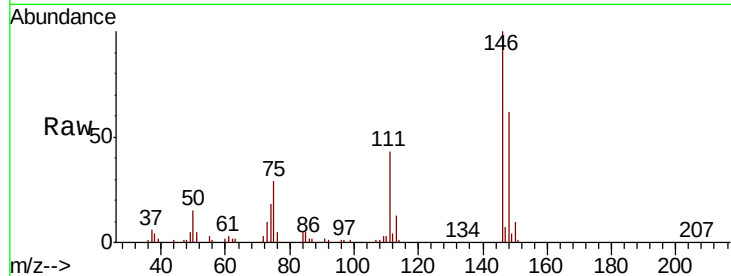




#91
 1,2-Dichlorobenzene
 Concen: 20.156 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061895.D
 Acq: 18 Jun 2020 13:14

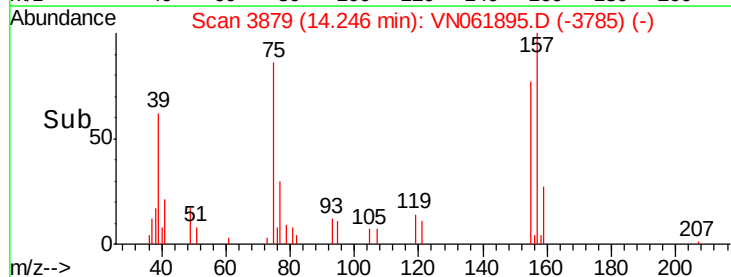
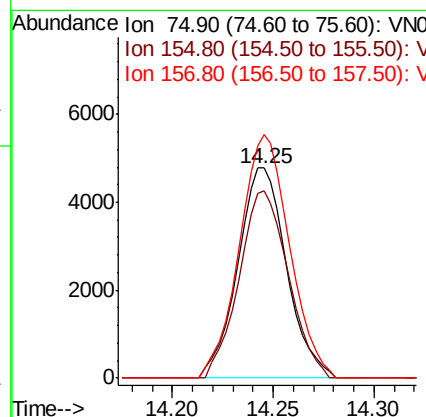
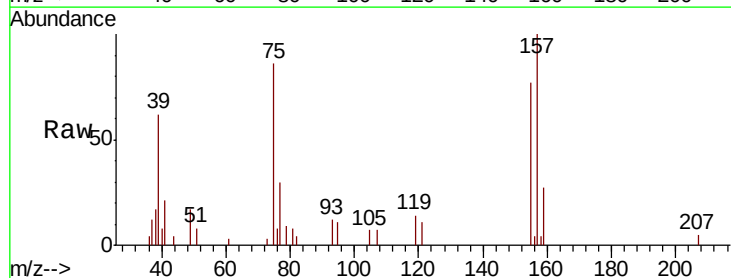
Instrument :
 MSVOA_N
 ClientSampled :
 VN0618WBSD01

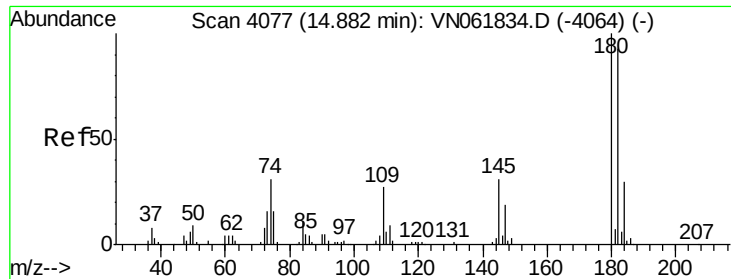
Tot Ion:146 Resp: 68731
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.4 61.2
 148 63.7 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.985 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061895.D
 Acq: 18 Jun 2020 13:14

Tgt Ion: 75 Resp: 8120
 Ion Ratio Lower Upper
 75 100
 155 89.2 44.4 133.2
 157 118.2 57.0 171.2

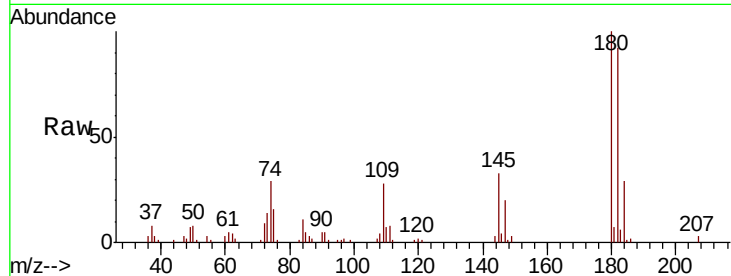




#93
 1,2,4-Trichlorobenzene
 Concen: 18.838 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061895.D
 Acq: 18 Jun 2020 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.0	141.2
145	31.7	15.8	47.3

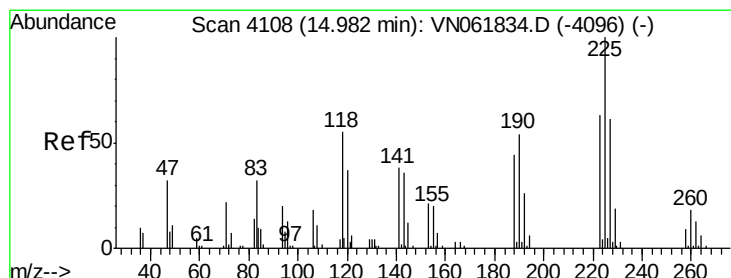
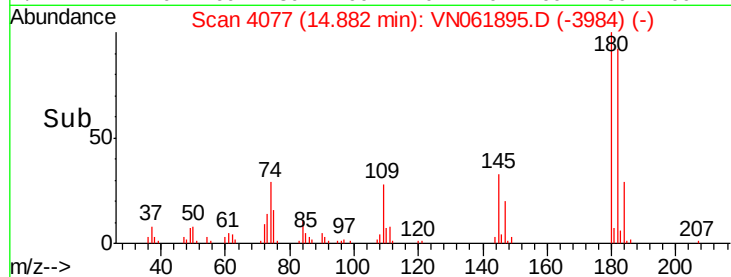
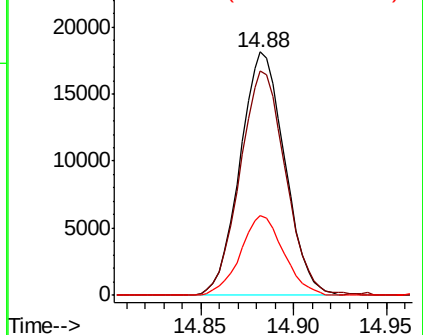


Abundance

Ion 179.80 (179.50 to 180.50): V

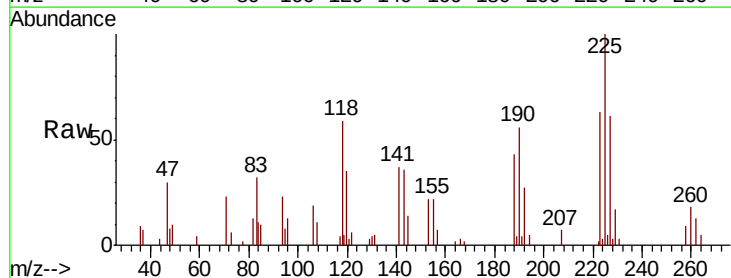
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.709 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061895.D
 Acq: 18 Jun 2020 13:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.0	31.7	95.1
227	63.1	30.1	90.3

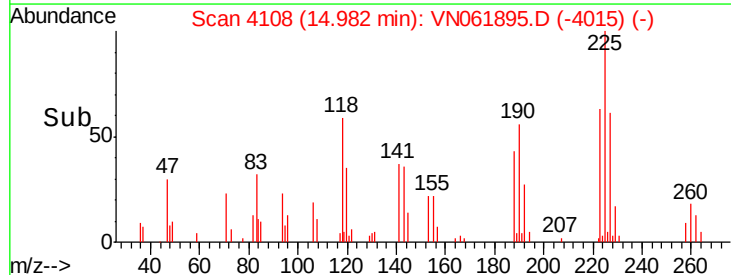
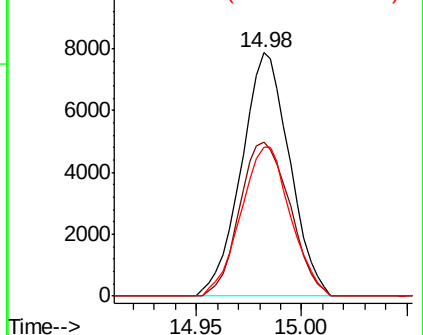


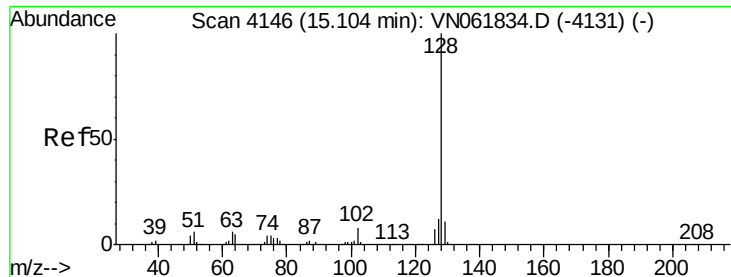
Abundance

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

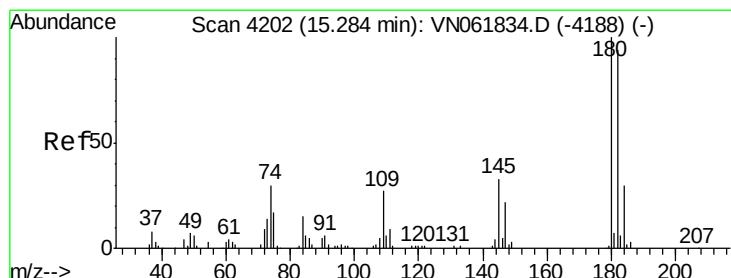
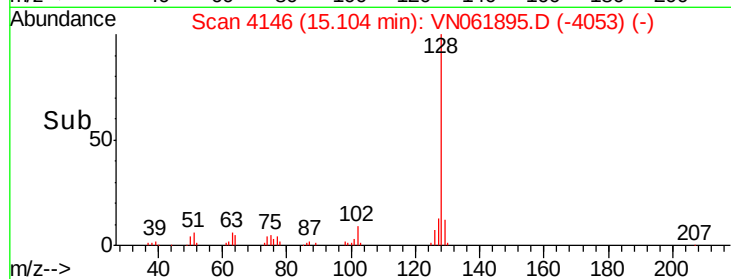
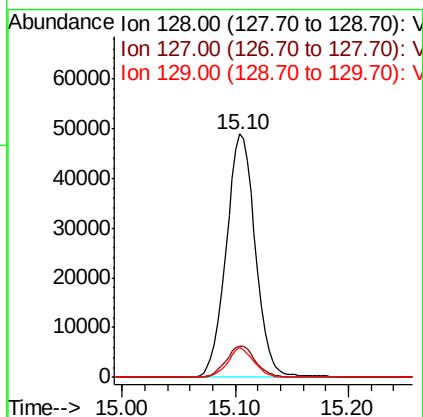
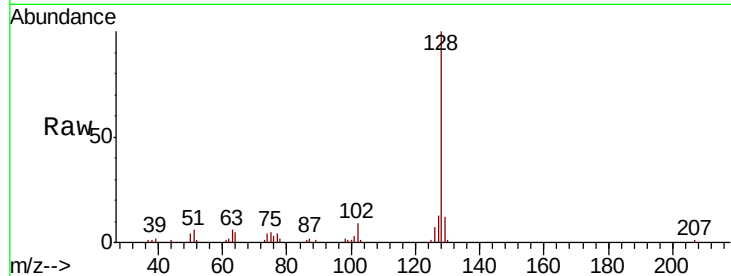




#95
Naphthalene
Concen: 18.594 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061895.D
Acq: 18 Jun 2020 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01

Tot Ion:128 Resp: 87521
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.970 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN061895.D
Acq: 18 Jun 2020 13:14

Tgt Ion:180 Resp: 31823
Ion Ratio Lower Upper
180 100
182 94.7 47.9 143.6
145 32.5 16.5 49.5

