

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051620\
 Data File : VN061418.D
 Acq On : 15 May 2020 20:12
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 16 02:36:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051620W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 02:35:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	145981	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	268274	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	238898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	98035	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	2300	1.00	ug/l	0.00
Spiked Amount			Recovery	=	2.00%	
35) Dibromofluoromethane	7.54	113	1496	0.97	ug/l	0.00
Spiked Amount			Recovery	=	1.94%	
50) Toluene-d8	10.06	98	6339	0.97	ug/l	0.00
Spiked Amount			Recovery	=	1.94%	
62) 4-Bromofluorobenzene	12.38	95	2836	1.16	ug/l	0.00
Spiked Amount			Recovery	=	2.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	967	0.661	ug/l	93
3) Chloromethane	2.03	50	2753	1.434	ug/l #	85
4) Vinyl Chloride	2.16	62	3820	1.633	ug/l	99
5) Bromomethane	2.54	94	3048	2.488	ug/l	96
6) Chloroethane	2.68	64	3320	2.194	ug/l #	83
7) Trichlorofluoromethane	2.98	101	5670	2.158	ug/l	100
8) Diethyl Ether	3.37	74	533	0.544	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.71	101	1228	0.816	ug/l #	76
10) Methyl Iodide	3.91	142	1646	0.859	ug/l #	57
11) Tert butyl alcohol	4.74	59	558	2.035	ug/l #	71
12) 1,1-Dichloroethene	3.69	96	1582	1.043	ug/l #	77
13) Acrolein	3.57	56	809	4.009	ug/l #	26
14) Allyl chloride	4.28	41	3139	1.146	ug/l #	47
15) Acrylonitrile	4.94	53	2201	2.438	ug/l #	63
16) Acetone	3.77	43	4378	4.021	ug/l	92
17) Carbon Disulfide	4.01	76	4493	1.098	ug/l #	94
18) Methyl Acetate	4.28	43	1418	0.482	ug/l #	51
19) Methyl tert-butyl Ether	4.99	73	5753	0.987	ug/l	97
20) Methylene Chloride	4.51	84	1708	0.960	ug/l #	92
21) trans-1,2-Dichloroethene	4.99	96	1193	0.715	ug/l #	92
22) Diisopropyl ether	5.90	45	5516	0.855	ug/l #	75
23) Vinyl Acetate	5.84	43	23376	4.504	ug/l	98
24) 1,1-Dichloroethane	5.80	63	3111	0.909	ug/l #	82
25) 2-Butanone	6.78	43	2471	1.937	ug/l #	89
26) 2,2-Dichloropropane	6.77	77	3164	1.093	ug/l #	74
27) cis-1,2-Dichloroethene	6.78	96	1962	0.993	ug/l	98
28) Bromochloromethane	7.15	49	863	0.525	ug/l #	91
29) Tetrahydrofuran	7.16	42	3152	3.651	ug/l	96
30) Chloroform	7.33	83	3512	1.007	ug/l #	81
31) Cyclohexane	7.62	56	6637	1.996	ug/l #	54
32) 1,1,1-Trichloroethane	7.53	97	2951	0.966	ug/l #	51
36) 1,1-Dichloropropene	7.75	75	2884	1.085	ug/l #	88
37) Ethyl Acetate	6.88	43	1511	0.508	ug/l #	68
38) Carbon Tetrachloride	7.73	117	1813	0.844	ug/l	95

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	3142	1.037	ug/l	98
40) Benzene	8.00	78	7854	0.987	ug/l	91
41) Methacrylonitrile	7.12	41	939	0.731	ug/l #	76
42) 1,2-Dichloroethane	8.09	62	2750	0.920	ug/l #	76
43) Isopropyl Acetate	8.13	43	4565	0.906	ug/l #	86
44) Trichloroethene	8.80	130	1945	0.909	ug/l	96
45) 1,2-Dichloropropane	9.09	63	1838	0.870	ug/l	98
46) Dibromomethane	9.18	93	1170	0.887	ug/l	98
47) Bromodichloromethane	9.37	83	2933	1.036	ug/l #	83
48) Methyl methacrylate	9.17	41	2016	0.889	ug/l	91
49) 1,4-Dioxane	9.17	88	187	7.685	ug/l #	35
51) 4-Methyl-2-Pentanone	9.95	43	11533	3.945	ug/l	93
52) Toluene	10.12	92	4496	0.930	ug/l	89
53) t-1,3-Dichloropropene	10.36	75	2936	0.921	ug/l	91
54) cis-1,3-Dichloropropene	9.81	75	3300	0.980	ug/l #	88
55) 1,1,2-Trichloroethane	10.53	97	1642	0.857	ug/l	92
56) Ethyl methacrylate	10.40	69	2701	0.935	ug/l #	77
57) 1,3-Dichloropropane	10.68	76	2826	0.844	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.66	63	5318	3.512	ug/l	95
59) 2-Hexanone	10.72	43	7480	3.549	ug/l	87
60) Dibromochloromethane	10.87	129	1756	0.870	ug/l	94
61) 1,2-Dibromoethane	10.98	107	1715	0.892	ug/l	92
64) Tetrachloroethene	10.61	164	1875	0.923	ug/l	91
65) Chlorobenzene	11.41	112	5153	1.086	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	1611	0.946	ug/l #	64
67) Ethyl Benzene	11.48	91	8737	0.983	ug/l	97
68) m/p-Xylenes	11.60	106	6305	1.932	ug/l	95
69) o-Xylene	11.92	106	3163	1.009	ug/l	93
70) Styrene	11.94	104	4803	0.912	ug/l	95
71) Bromoform	12.10	173	1045	0.846	ug/l #	88
73) Isopropylbenzene	12.22	105	8040	1.109	ug/l	99
74) N-amyl acetate	12.05	43	3071	0.870	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.48	83	2570	1.160	ug/l #	90
76) 1,2,3-Trichloropropane	12.53	75	2907	1.425	ug/l #	100
77) Bromobenzene	12.50	156	1793	1.083	ug/l	96
78) n-propylbenzene	12.57	91	9555	1.115	ug/l	95
79) 2-Chlorotoluene	12.65	91	5807	1.152	ug/l	94
80) 1,3,5-Trimethylbenzene	12.71	105	6599	1.096	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	636	0.795	ug/l #	88
82) 4-Chlorotoluene	12.75	91	5776	1.087	ug/l	96
83) tert-Butylbenzene	12.97	119	6229	1.235	ug/l	90
84) 1,2,4-Trimethylbenzene	13.01	105	6285	1.017	ug/l	95
85) sec-Butylbenzene	13.15	105	7766	1.126	ug/l	94
86) p-Isopropyltoluene	13.26	119	5946	0.957	ug/l	91
87) 1,3-Dichlorobenzene	13.26	146	3015	0.987	ug/l	96
88) 1,4-Dichlorobenzene	13.26	146	3015	0.964	ug/l	97
89) n-Butylbenzene	13.59	91	5615	0.988	ug/l	98
90) Hexachloroethane	13.85	117	897	1.467	ug/l	77
91) 1,2-Dichlorobenzene	13.63	146	2948	1.005	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.25	75	474	1.024	ug/l	64

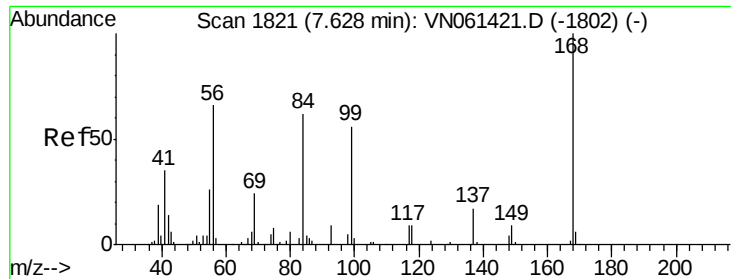
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051620\
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Quant Title : SW846 8260
QLast Update : Sat May 16 02:35:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	1485	0.846	ug/l	82
94) Hexachlorobutadiene	14.99	225	504	0.694	ug/l	86
95) Naphthalene	15.11	128	4687	0.821	ug/l	95
96) 1,2,3-Trichlorobenzene	15.29	180	1649	0.952	ug/l	90

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.01 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

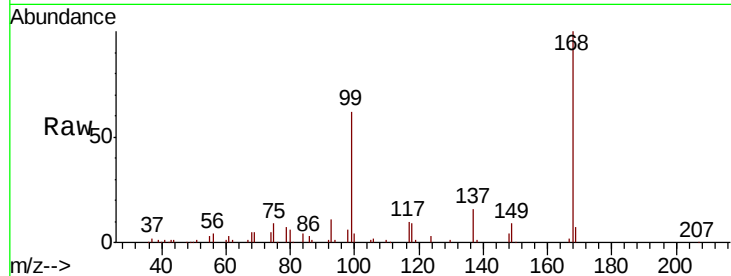
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 145981

Ion Ratio Lower Upper

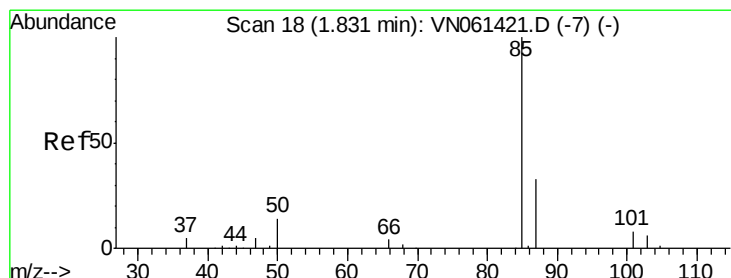
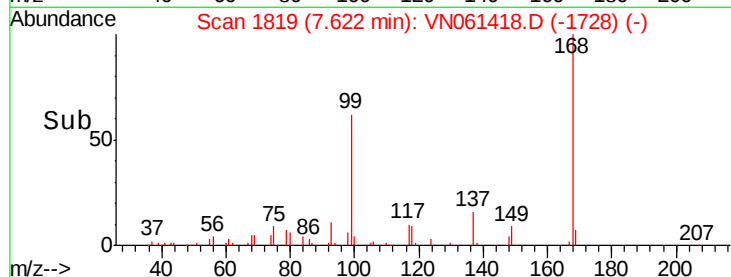
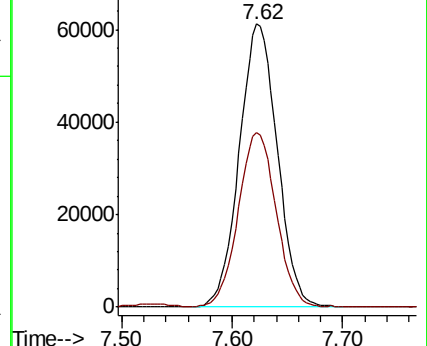
168 100

99 61.8 49.9 74.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 0.661 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061418.D

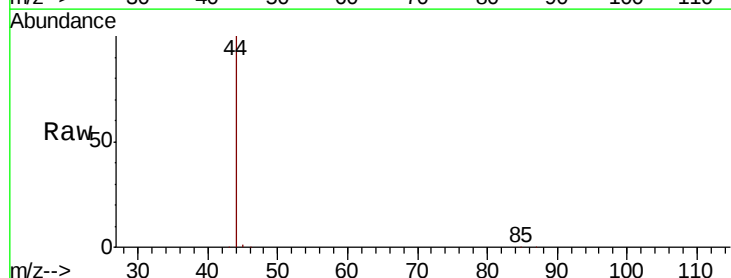
Acq: 15 May 2020 20:12

Tgt Ion: 85 Resp: 967

Ion Ratio Lower Upper

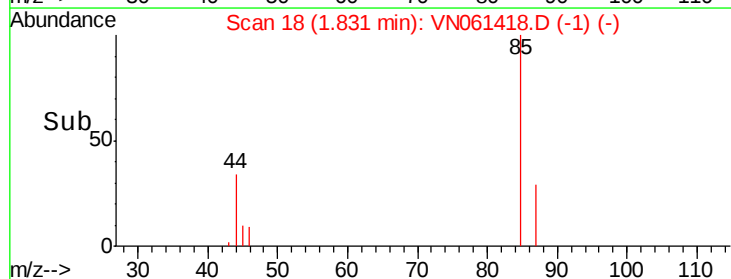
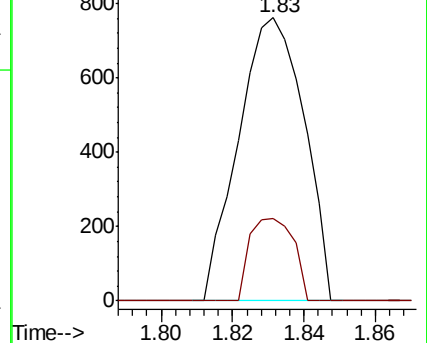
85 100

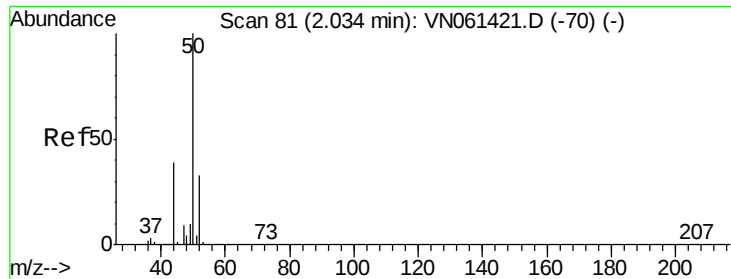
87 28.9 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 1.434 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

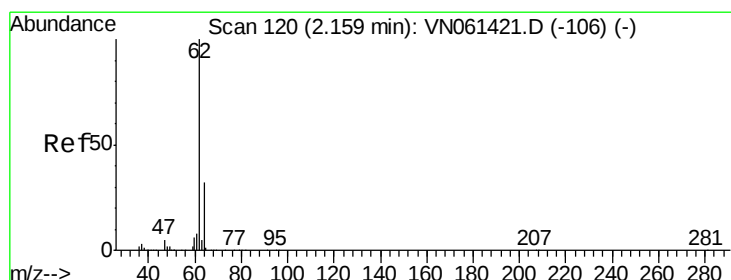
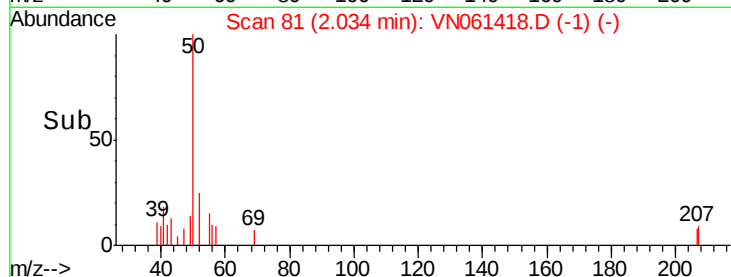
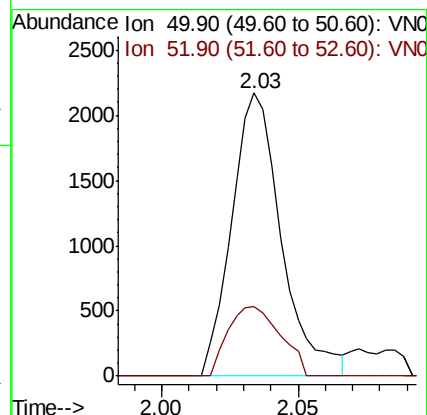
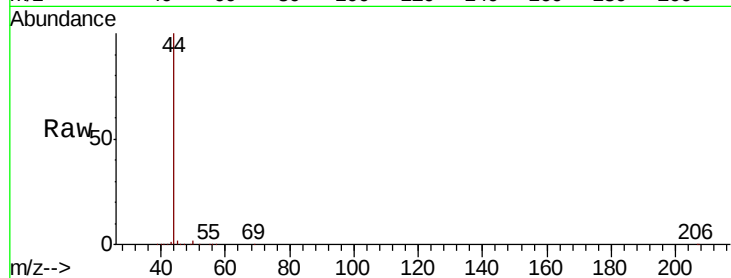
ClientSampleId :

Tot Ion: 50 Resp: 2753

Ion Ratio Lower Upper

50 100

52 24.6 26.5 39.7#



#4

Vinyl Chloride

Concen: 1.633 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061418.D

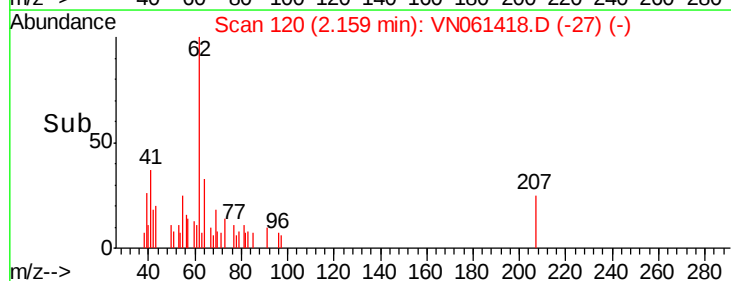
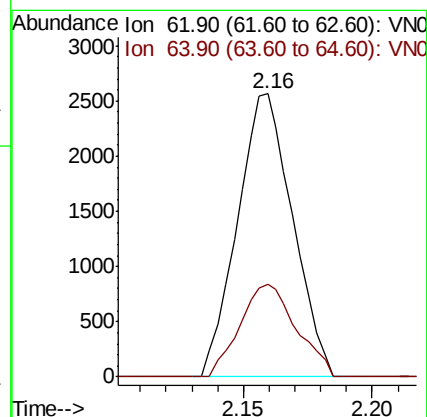
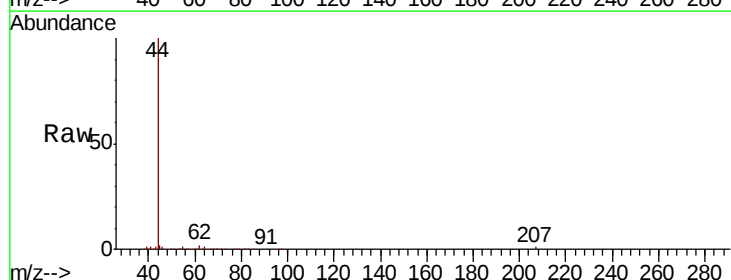
Acq: 15 May 2020 20:12

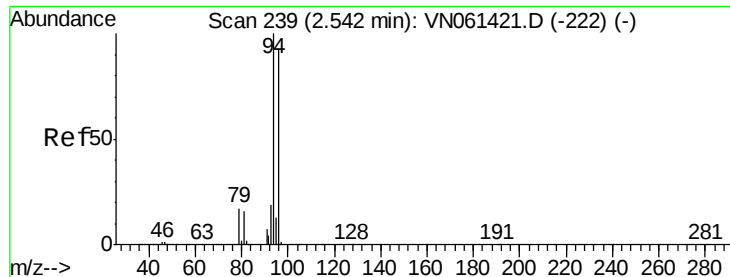
Tgt Ion: 62 Resp: 3820

Ion Ratio Lower Upper

62 100

64 32.7 25.7 38.5





#5

Bromomethane

Concen: 2.488 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

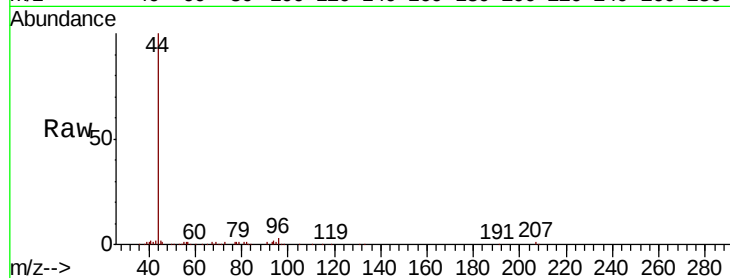
ClientSampleId :

Tot Ion: 94 Resp: 3048

Ion Ratio Lower Upper

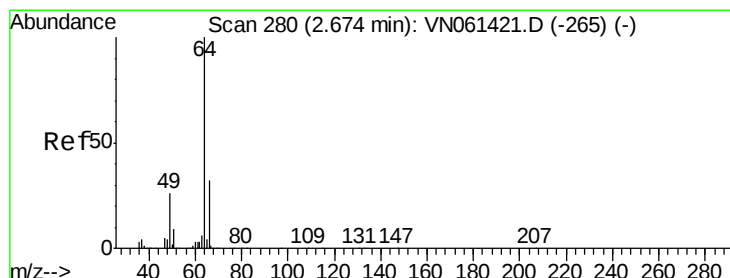
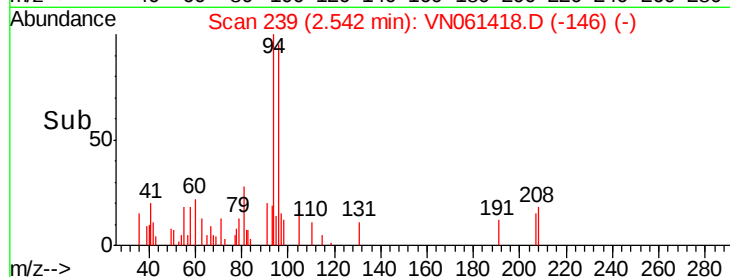
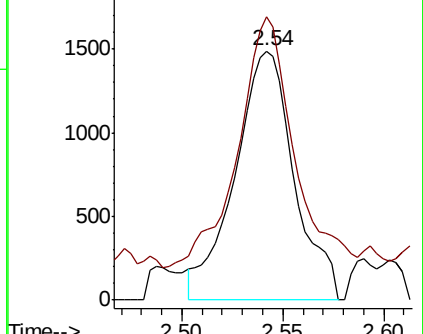
94 100

96 95.8 73.4 110.0



Abundance Ion 93.90 (93.60 to 94.60): VN061418.D (-146) (-)

Ion 95.90 (95.60 to 96.60): VN061418.D (-146) (-)



#6

Chloroethane

Concen: 2.194 ug/l

RT: 2.68 min Scan# 281

Delta R.T. 0.00 min

Lab File: VN061418.D

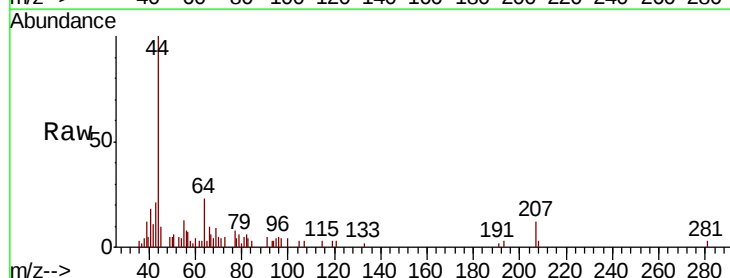
Acq: 15 May 2020 20:12

Tgt Ion: 64 Resp: 3320

Ion Ratio Lower Upper

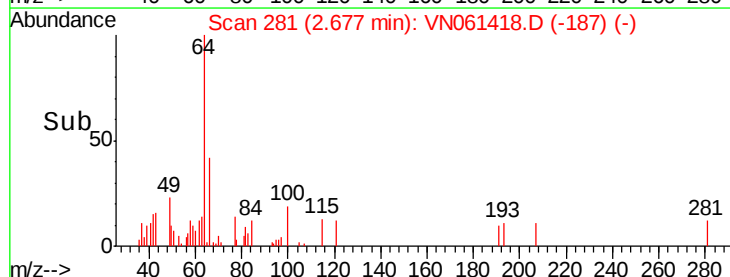
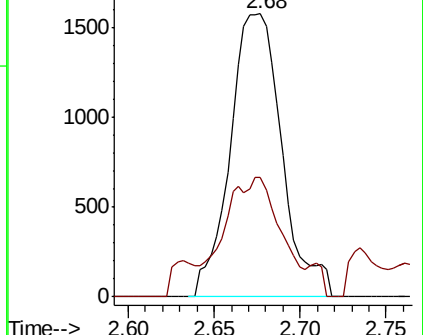
64 100

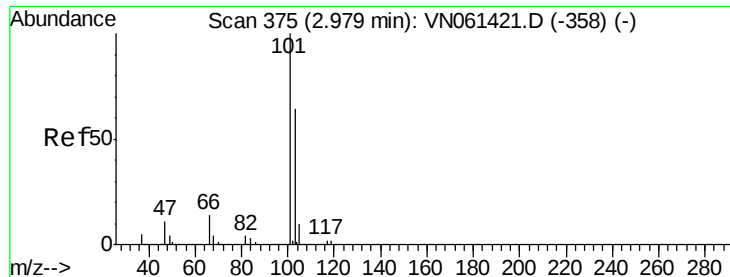
66 42.1 25.9 38.9#



Abundance Ion 63.90 (63.60 to 64.60): VN061418.D (-187) (-)

Ion 65.90 (65.60 to 66.60): VN061418.D (-187) (-)



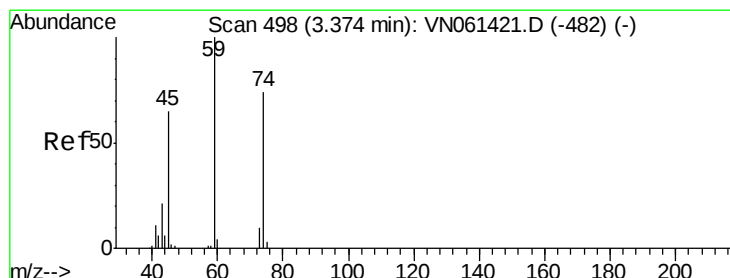
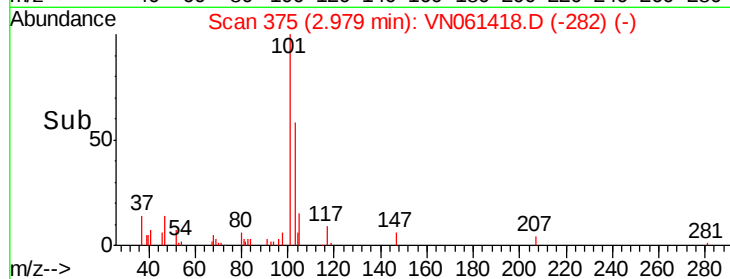
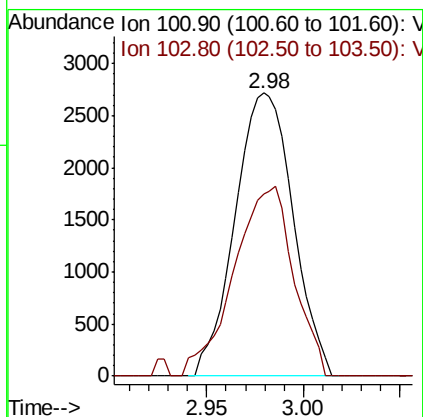
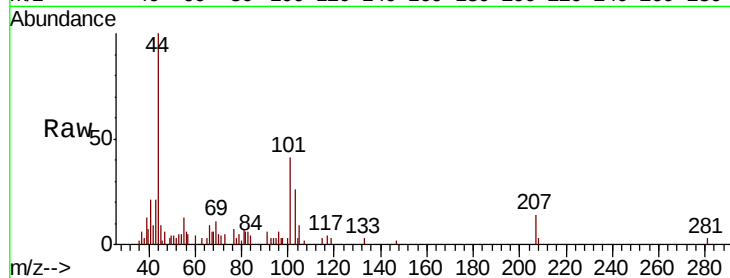


#7

Trichlorofluoromethane
 Concen: 2.158 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

Instrument :
 MSVOA_N
 ClientSampleId :

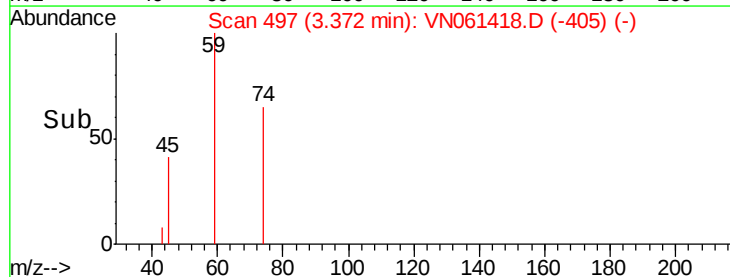
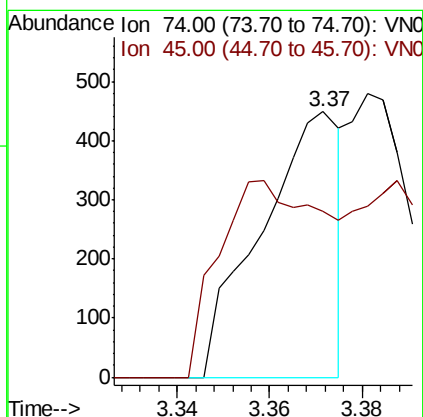
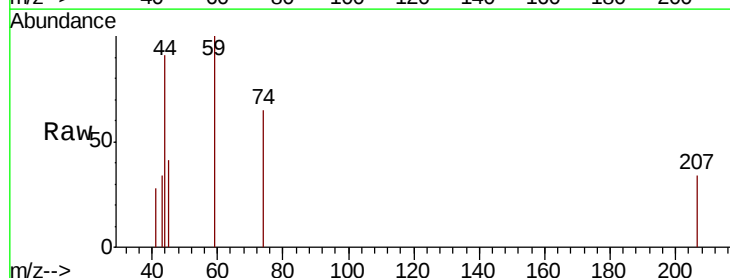
Tot Ion:101 Resp: 5670
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.4 77.0

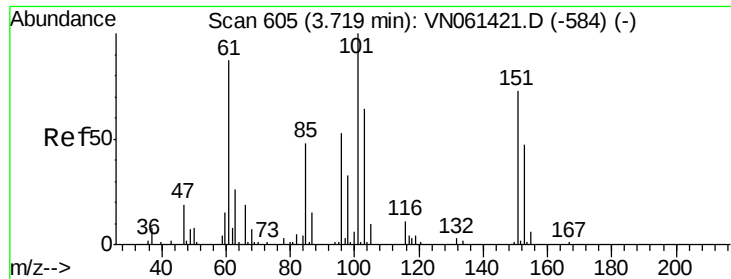


#8

Diethyl Ether
 Concen: 0.544 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

Tgt Ion: 74 Resp: 533
 Ion Ratio Lower Upper
 74 100
 45 98.7 45.2 135.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.816 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.01 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

ClientSampleId :

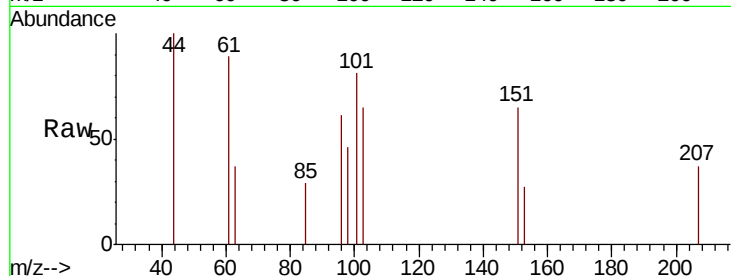
Tot Ion:101 Resp: 1228

Ion Ratio Lower Upper

101 100

85 15.7 38.4 57.6#

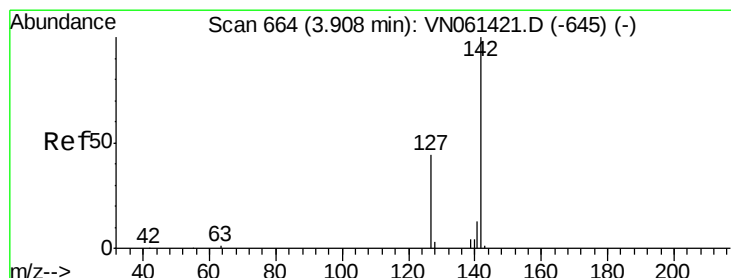
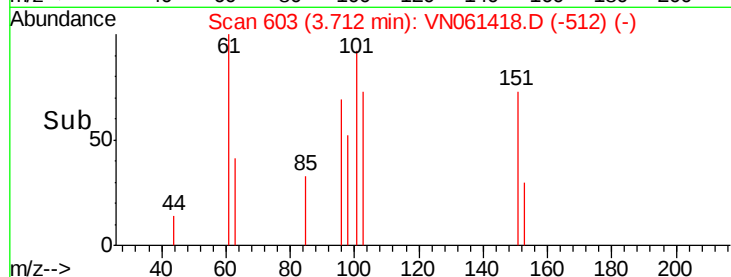
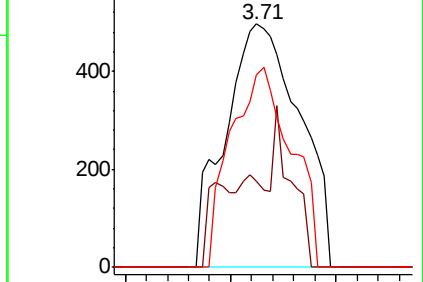
151 66.0 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.859 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

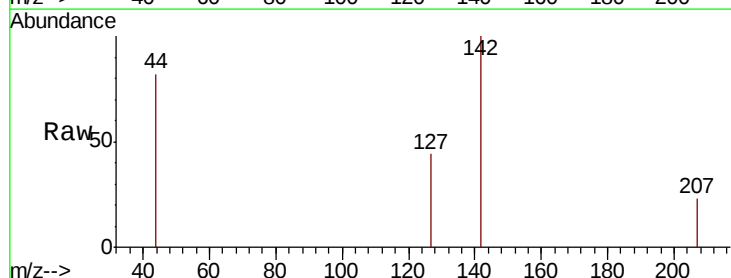
Tgt Ion:142 Resp: 1646

Ion Ratio Lower Upper

142 100

127 15.2 36.0 54.0#

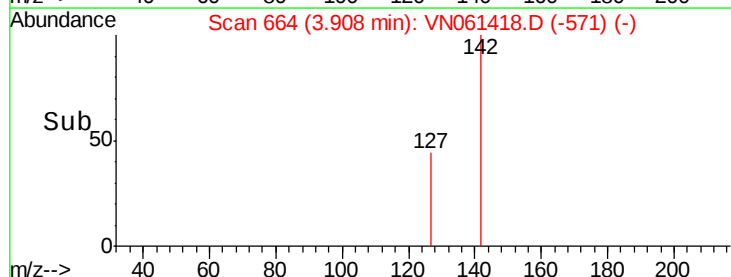
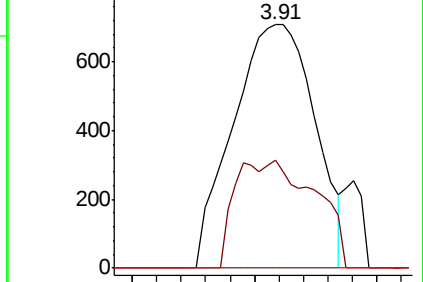
141 0.0 11.0 16.6#

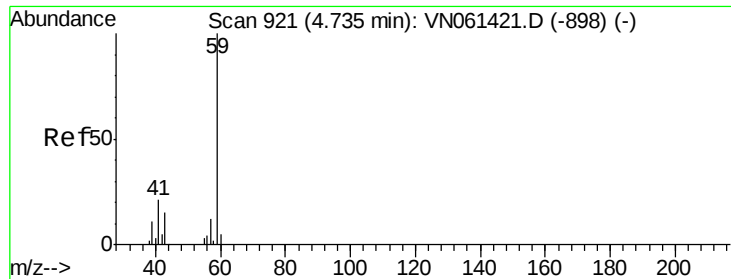


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



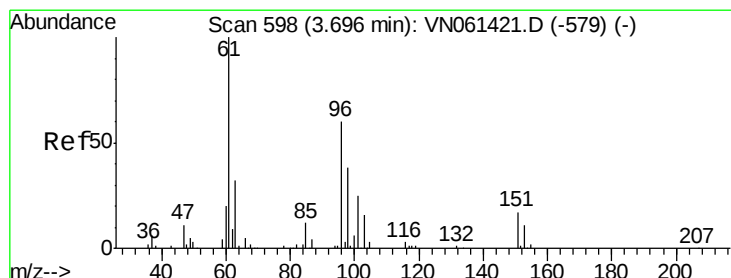
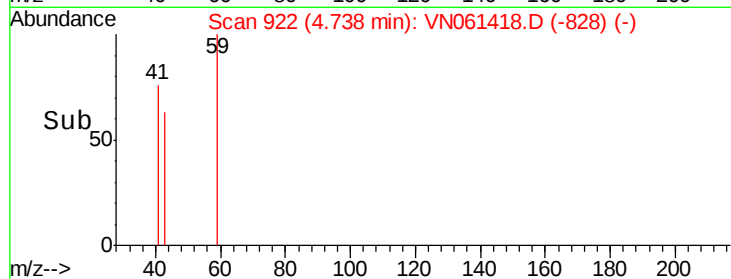
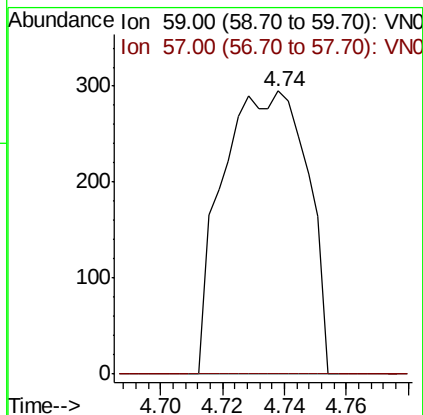
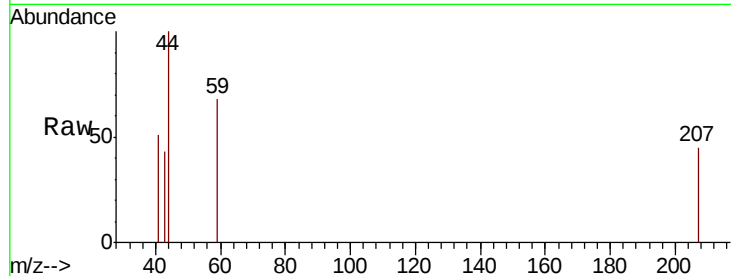


#11

Tert butyl alcohol
Concen: 2.035 ug/l
RT: 4.74 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Instrument :
MSVOA_N
ClientSampleId :

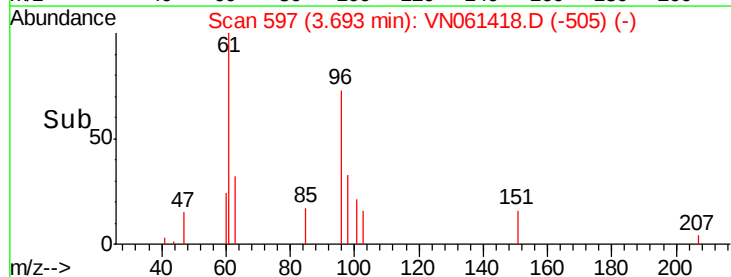
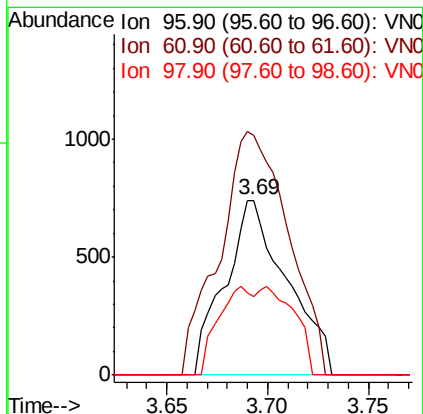
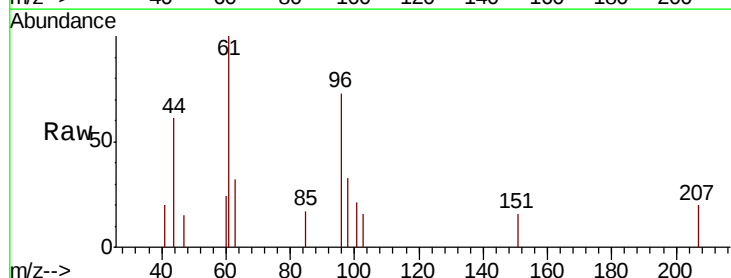
Tot Ion: 59 Resp: 558
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

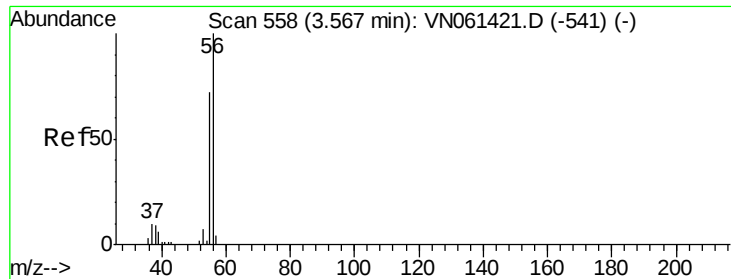


#12

1,1-Dichloroethene
Concen: 1.043 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Tgt Ion: 96 Resp: 1582
Ion Ratio Lower Upper
96 100
61 136.7 133.9 200.9
98 44.9 50.4 75.6#





#13

Acrolein

Concen: 4.009 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

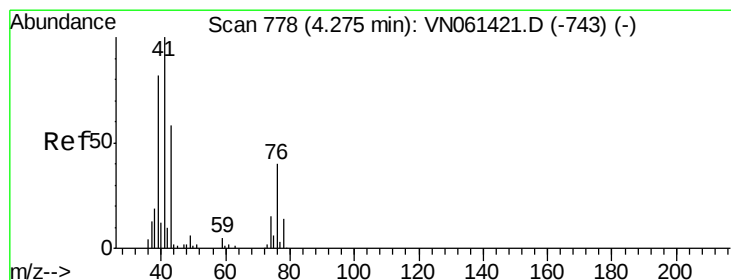
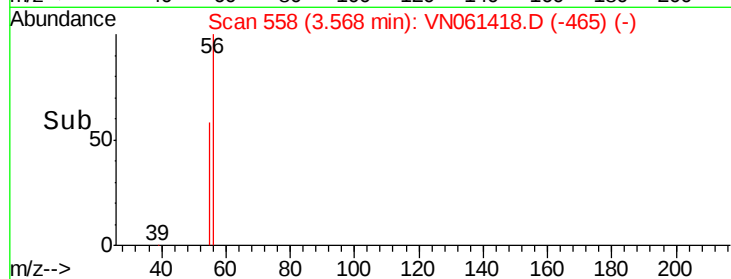
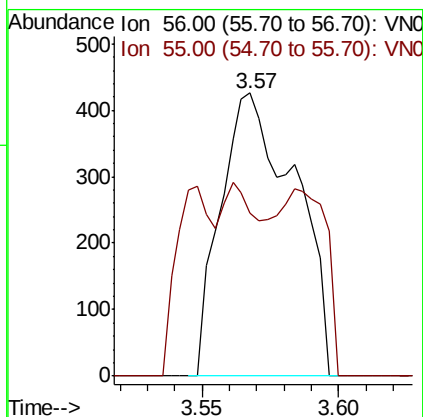
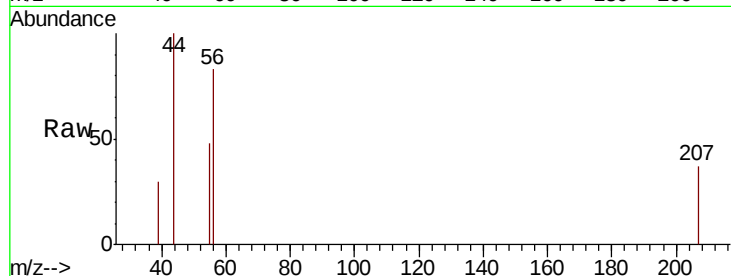
ClientSampleId :

Tot Ion: 56 Resp: 809

Ion Ratio Lower Upper

56 100

55 9.8 56.4 84.6#



#14

Allyl chloride

Concen: 1.146 ug/l

RT: 4.28 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

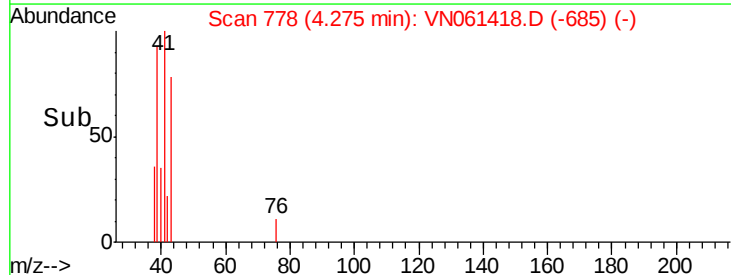
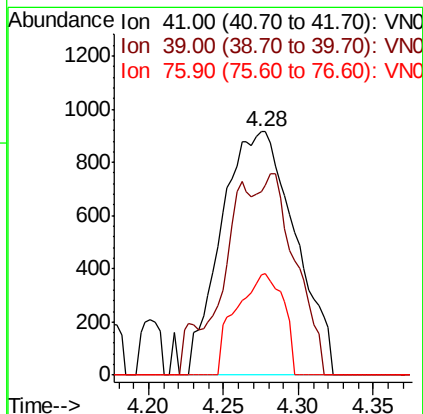
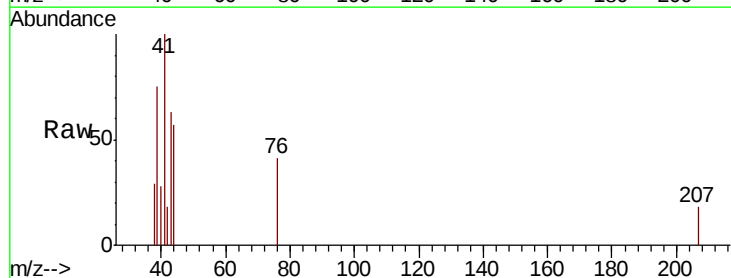
Tgt Ion: 41 Resp: 3139

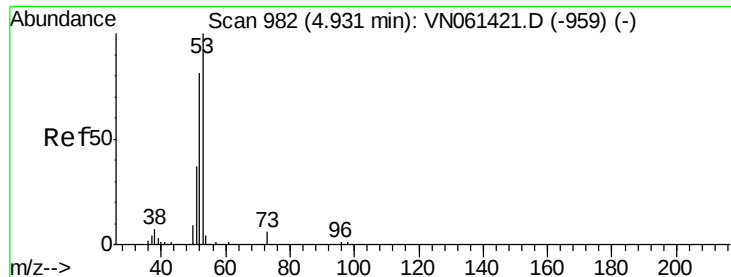
Ion Ratio Lower Upper

41 100

39 18.7 63.4 95.2#

76 26.8 30.7 46.1#





#15

Acrylonitrile

Concen: 2.438 ug/l

RT: 4.94 min Scan# 985

Delta R.T. 0.01 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

ClientSampleId :

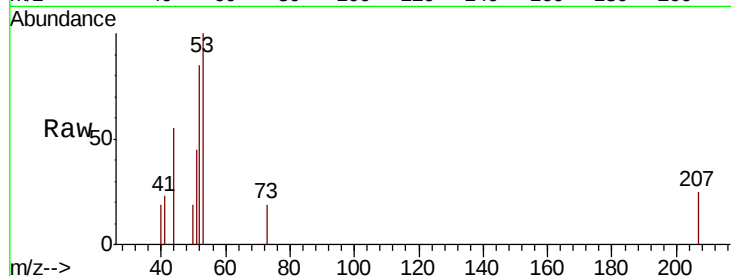
Tot Ion: 53 Resp: 2201

Ion Ratio Lower Upper

53 100

52 39.8 64.4 96.6#

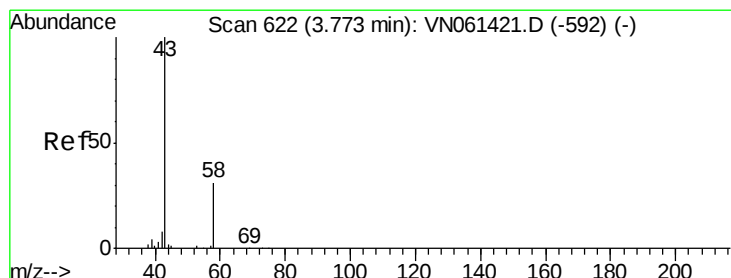
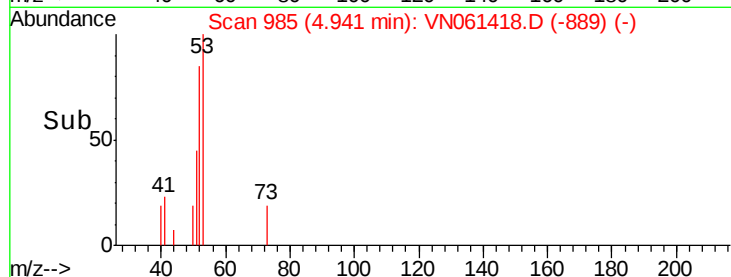
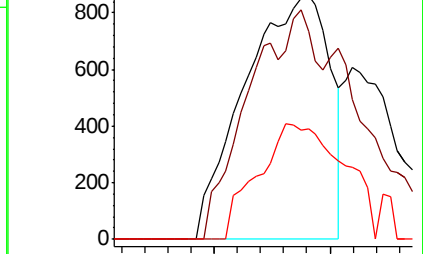
51 47.3 29.3 43.9#



Abundance Ion 53.00 (52.70 to 53.70): VN061418.D (-959) (-)

Ion 52.00 (51.70 to 52.70): VN061418.D (-959) (-)

Ion 51.00 (50.70 to 51.70): VN061418.D (-959) (-)



#16

Acetone

Concen: 4.021 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN061418.D

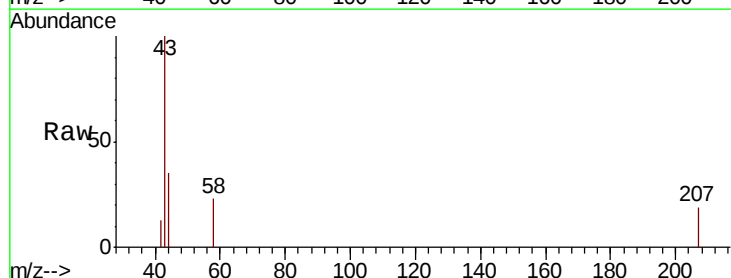
Acq: 15 May 2020 20:12

Tgt Ion: 43 Resp: 4378

Ion Ratio Lower Upper

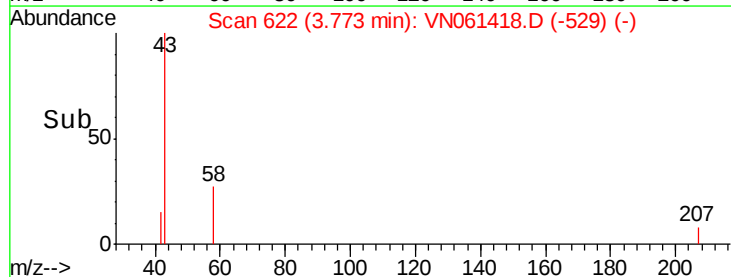
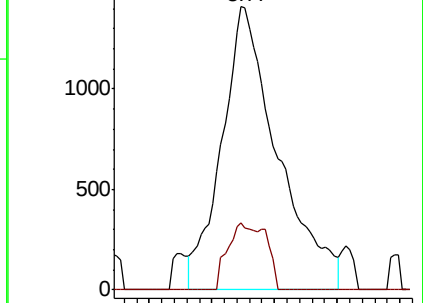
43 100

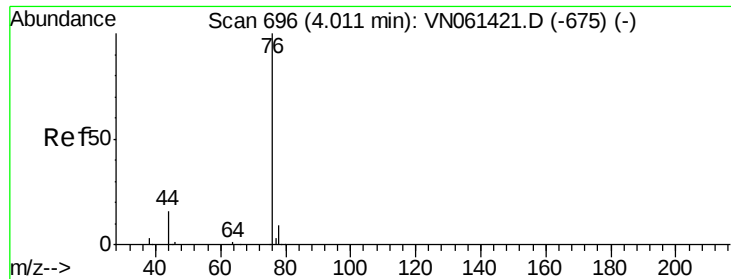
58 26.5 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN061418.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN061418.D (-529) (-)

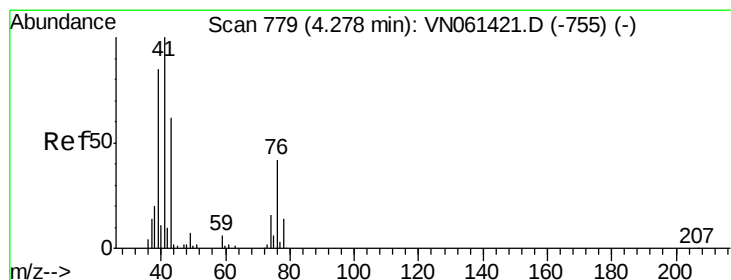
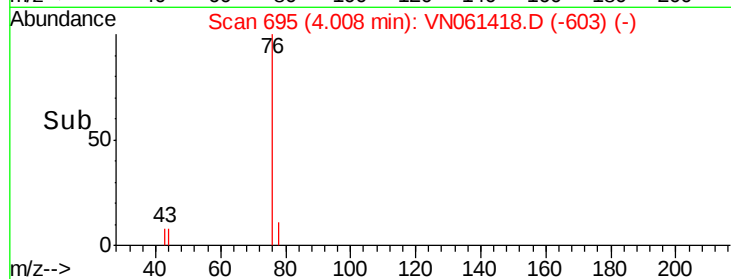
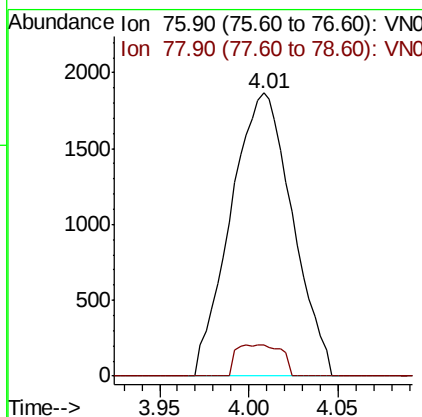
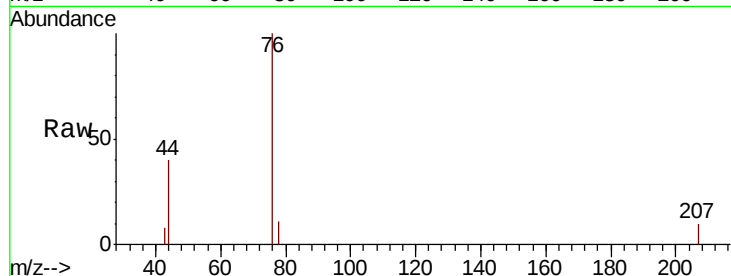




#17
Carbon Disulfide
Concen: 1.098 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

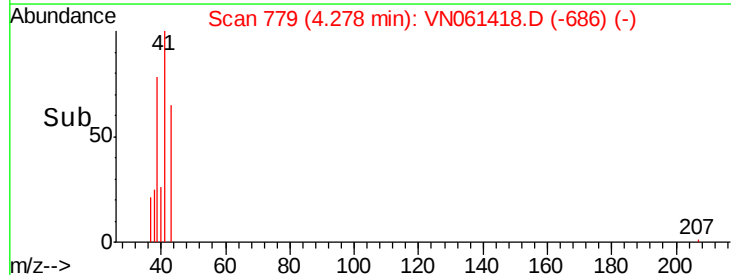
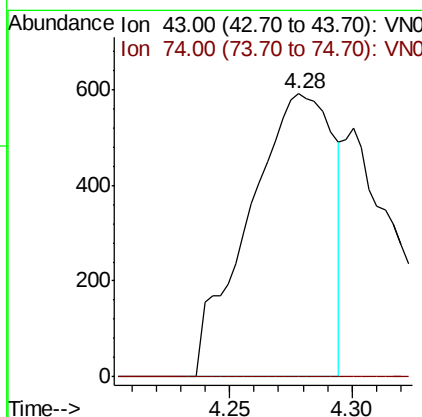
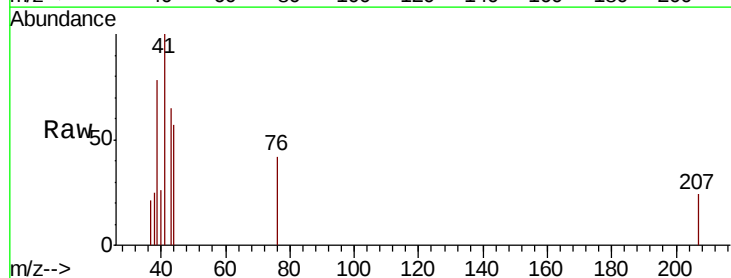
Instrument :
MSVOA_N
ClientSampled :

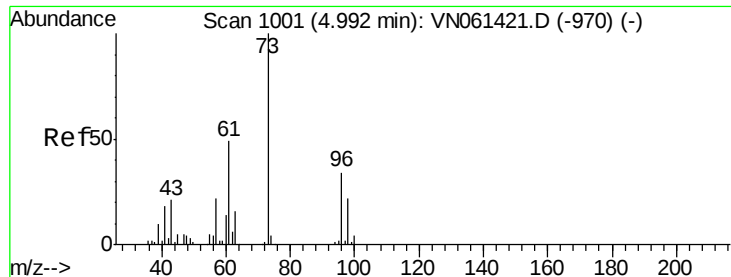
Tot Ion: 76 Resp: 4493
Ion Ratio Lower Upper
76 100
78 11.3 7.2 10.8#



#18
Methyl Acetate
Concen: 0.482 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Tgt Ion: 43 Resp: 1418
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.6#

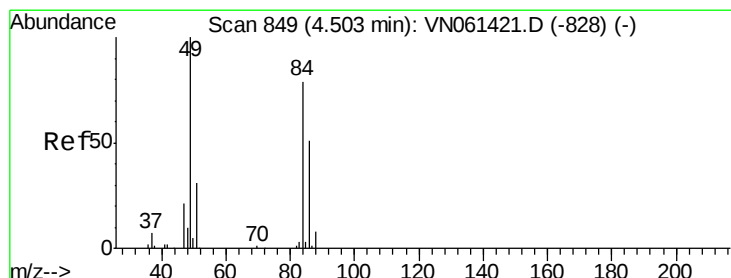
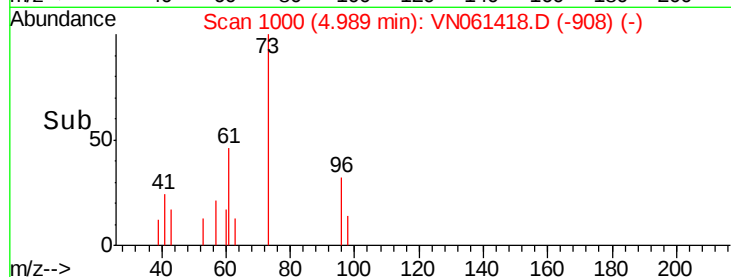
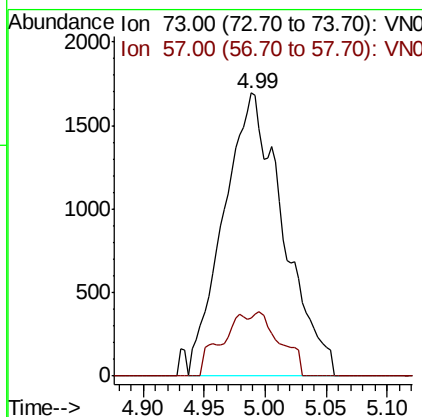
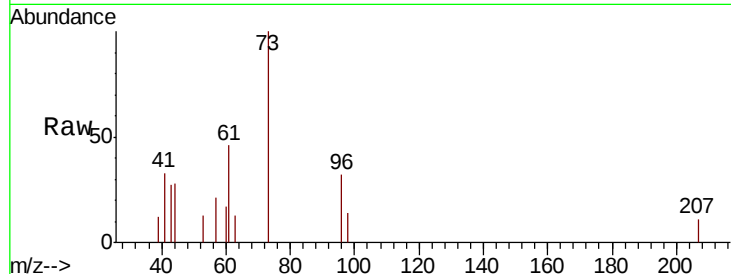




#19
Methvl tert-butvl Ether
Concen: 0.987 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

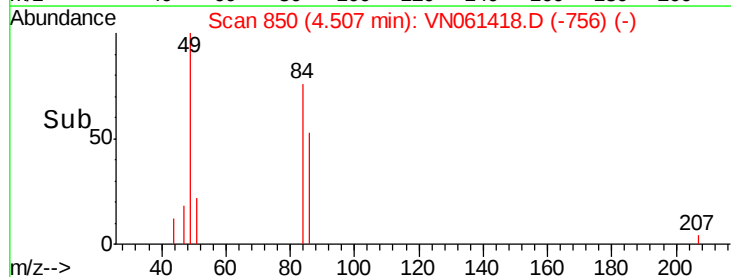
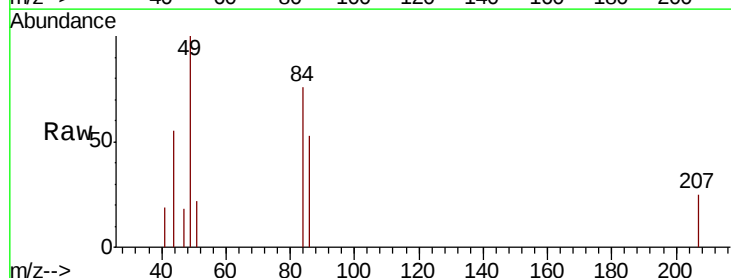
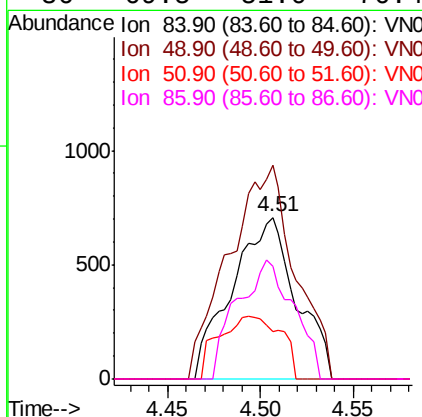
Instrument :
MSVOA_N
ClientSampleId :

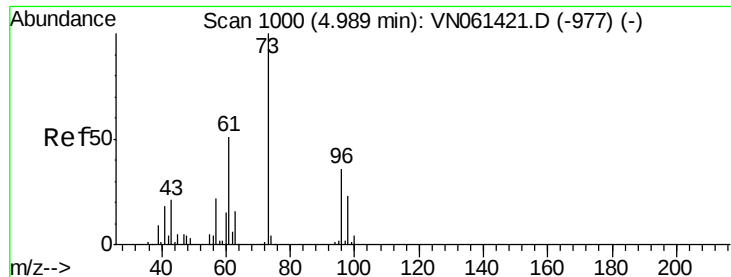
Tot Ion: 73 Resp: 5753
Ion Ratio Lower Upper
73 100
57 20.6 17.6 26.4



#20
Methylene Chloride
Concen: 0.960 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Tgt Ion: 84 Resp: 1708
Ion Ratio Lower Upper
84 100
49 132.1 101.0 151.4
51 29.5 31.6 47.4#
86 69.5 51.0 76.4





#21

trans-1,2-Dichloroethene

Concen: 0.715 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

ClientSampled :

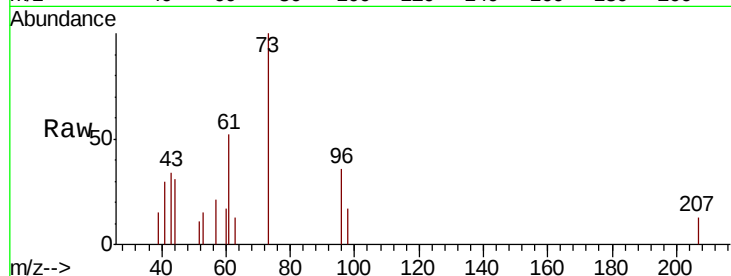
Tot Ion: 96 Resp: 1193

Ion Ratio Lower Upper

96 100

61 146.5 113.8 170.6

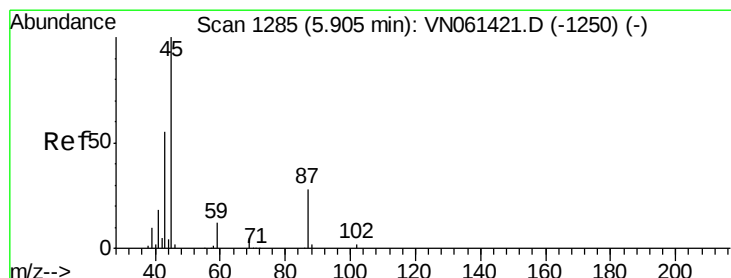
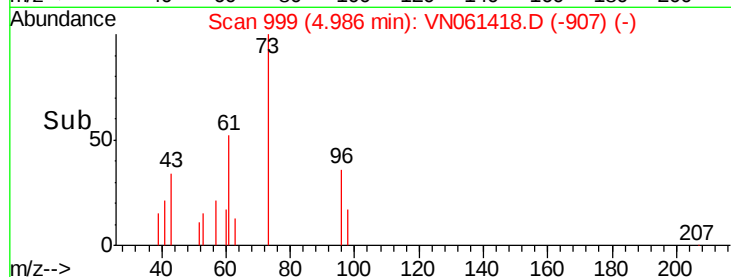
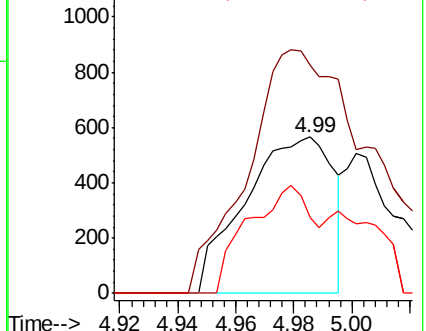
98 48.8 50.8 76.2#



Abundance Ion 95.90 (95.60 to 96.60): VN061418.D (-907) (-)

Ion 60.90 (60.60 to 61.60): VN061418.D (-907) (-)

Ion 97.90 (97.60 to 98.60): VN061418.D (-907) (-)



#22

Diisopropyl ether

Concen: 0.855 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Tgt Ion: 45 Resp: 5516

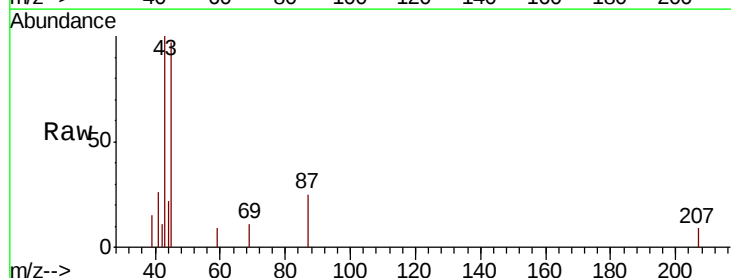
Ion Ratio Lower Upper

45 100

43 90.5 49.1 73.7#

87 26.1 23.0 34.4

59 9.0 9.4 14.0#

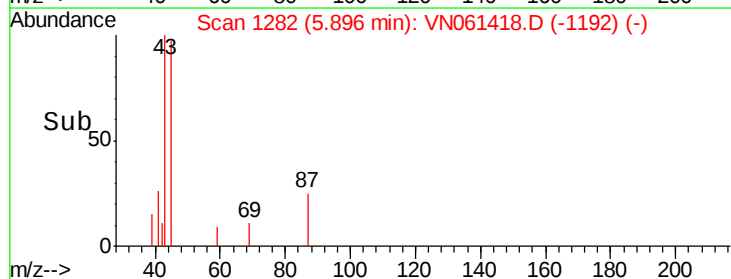
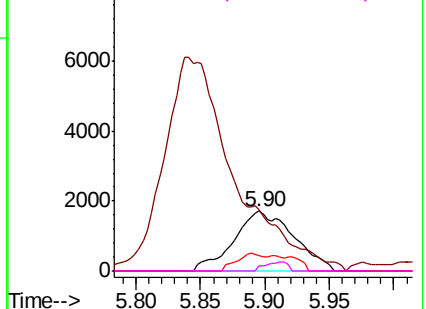


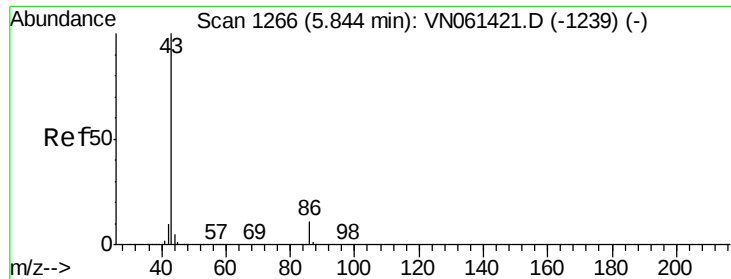
Abundance Ion 45.00 (44.70 to 45.70): VN061418.D (-1192) (-)

Ion 43.00 (42.70 to 43.70): VN061418.D (-1192) (-)

Ion 87.00 (86.70 to 87.70): VN061418.D (-1192) (-)

Ion 59.00 (58.70 to 59.70): VN061418.D (-1192) (-)





#23

Vinyl Acetate

Concen: 4.504 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

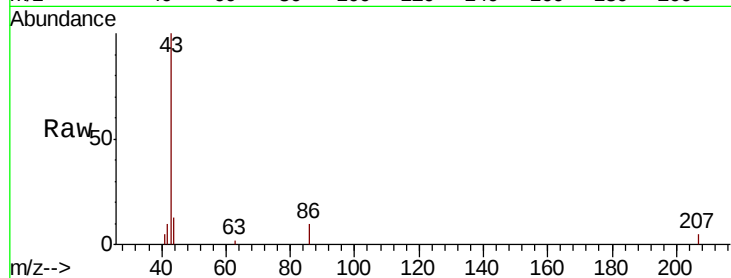
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 23376

Ion Ratio Lower Upper

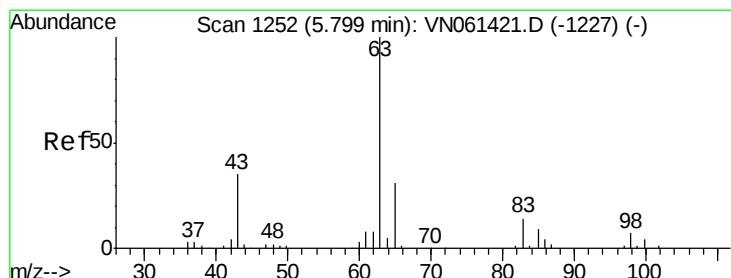
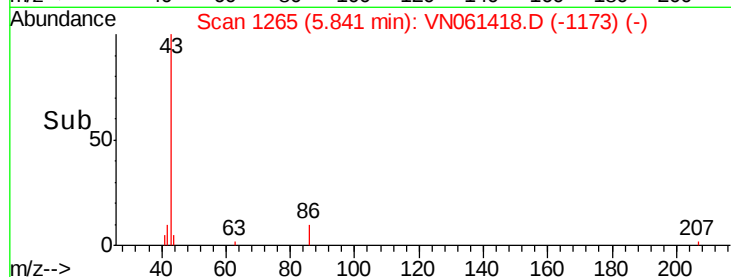
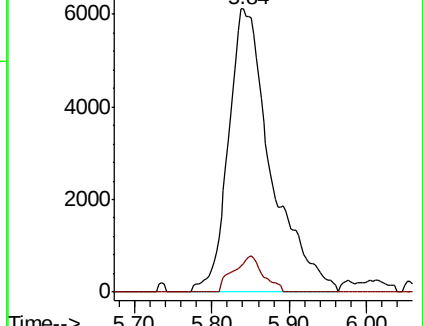
43 100

86 10.3 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VN061421.D (-1239) (-)

Ion 86.00 (85.70 to 86.70): VN061421.D (-1239) (-)



#24

1,1-Dichloroethane

Concen: 0.909 ug/l

RT: 5.80 min Scan# 1253

Delta R.T. 0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

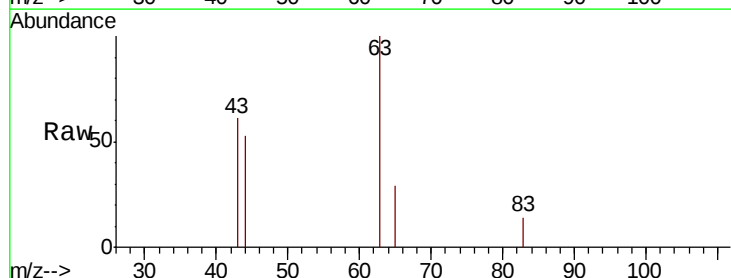
Tgt Ion: 63 Resp: 3111

Ion Ratio Lower Upper

63 100

98 0.0 3.6 10.9#

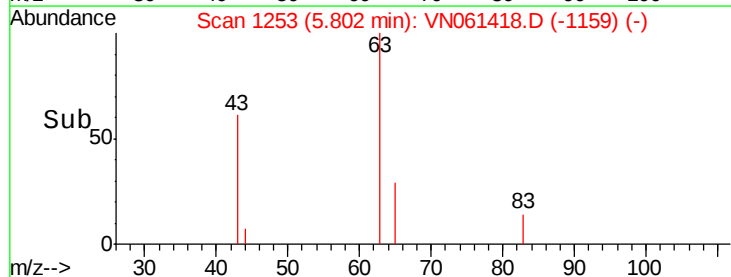
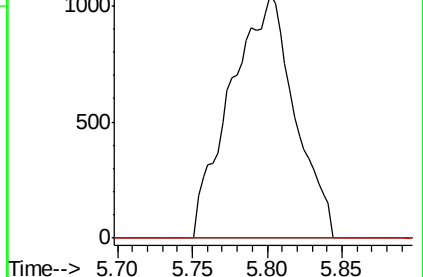
100 0.0 2.1 6.2#

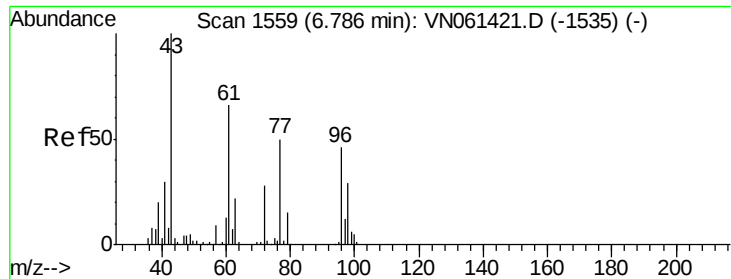


Abundance Ion 62.90 (62.60 to 63.60): VN061421.D (-1227) (-)

Ion 97.90 (97.60 to 98.60): VN061421.D (-1227) (-)

Ion 99.90 (99.60 to 100.60): VN061421.D (-1227) (-)





#25

2-Butanone

Concen: 1.937 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.01 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

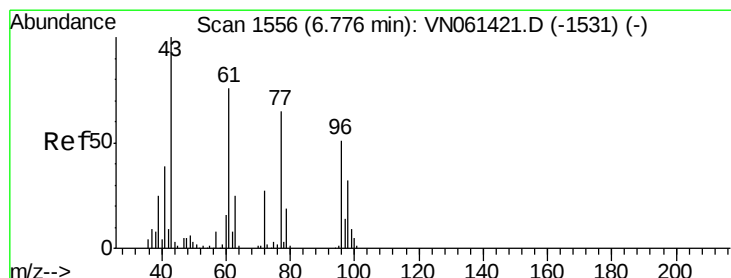
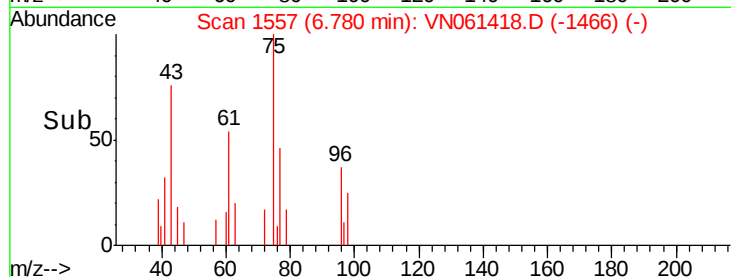
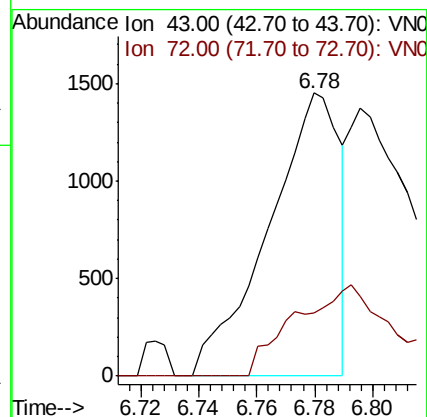
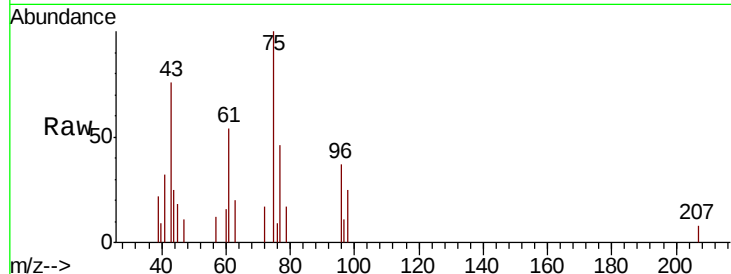
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 2471

Ion Ratio Lower Upper

43 100

72 22.5 22.6 33.8#



#26

2,2-Dichloropropane

Concen: 1.093 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.01 min

Lab File: VN061418.D

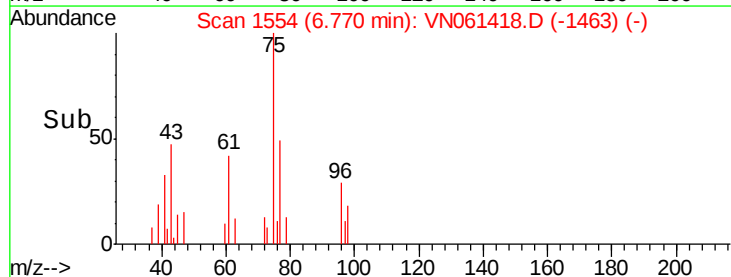
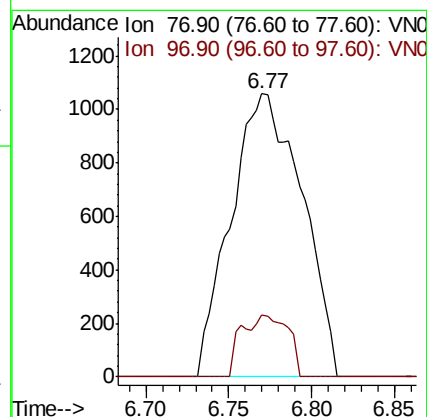
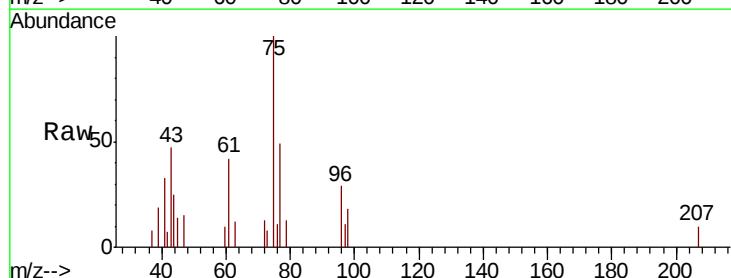
Acq: 15 May 2020 20:12

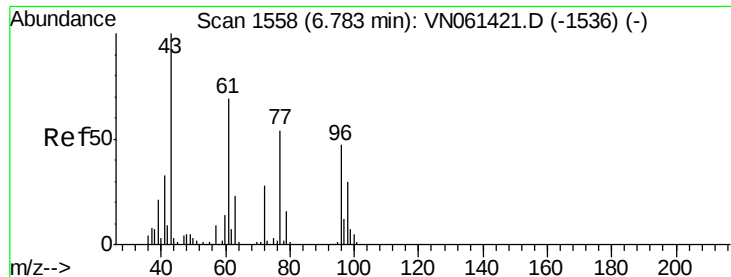
Tgt Ion: 77 Resp: 3164

Ion Ratio Lower Upper

77 100

97 9.8 11.1 33.3#

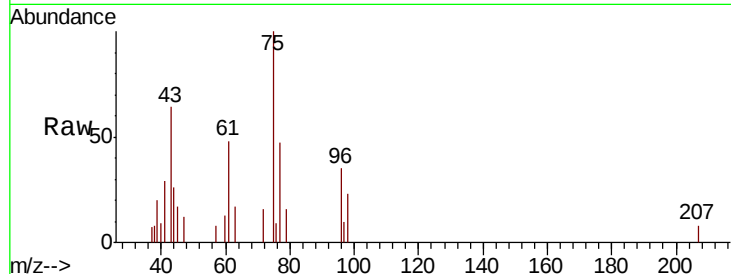




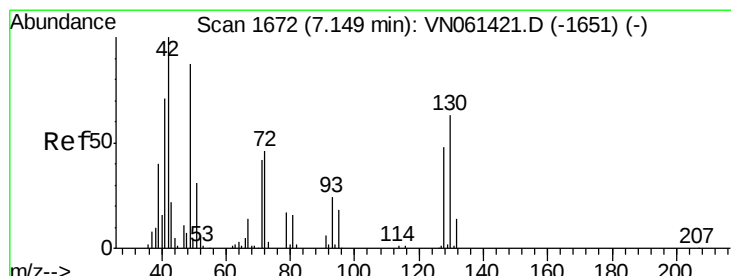
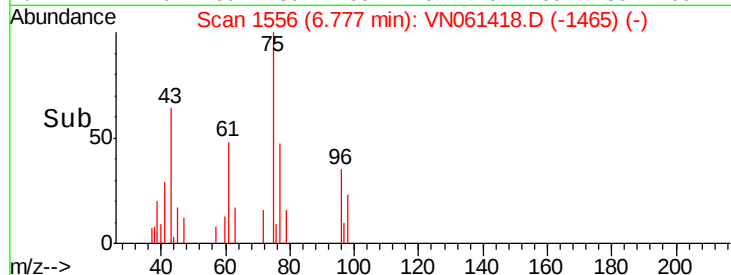
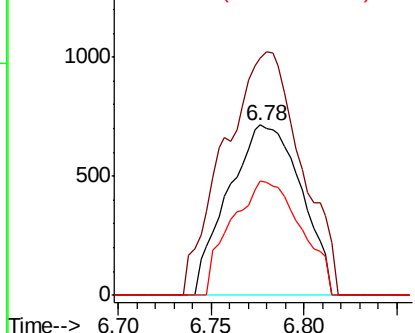
#27
 cis-1,2-Dichloroethene
 Concen: 0.993 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 96 Resp: 1962
 Ion Ratio Lower Upper
 96 100
 61 149.7 0.0 293.0
 98 64.0 0.0 127.4

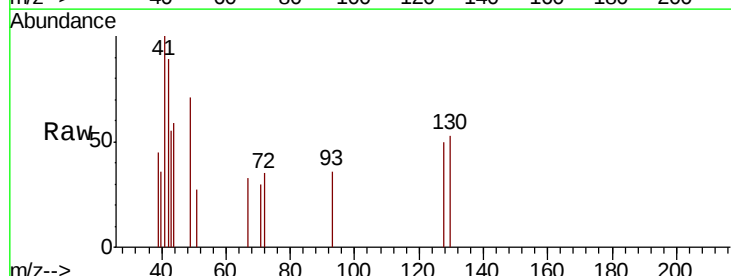


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

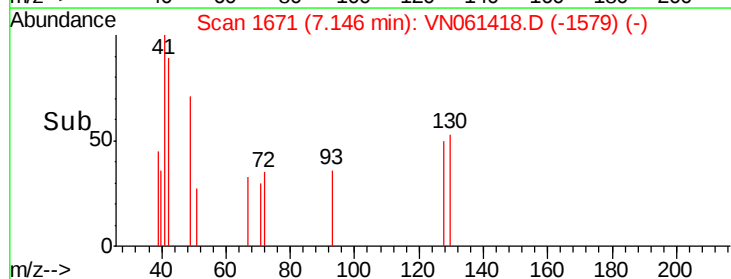
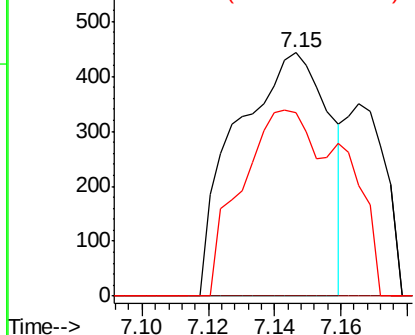


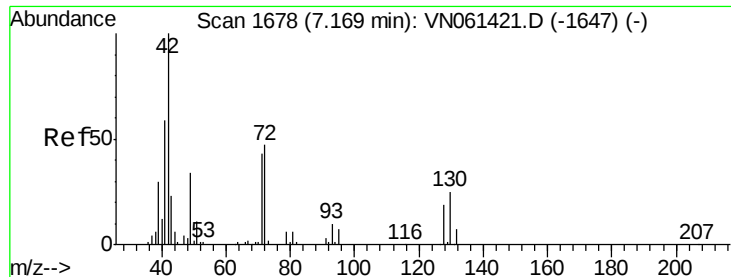
#28
 Bromochloromethane
 Concen: 0.525 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

Tgt Ion: 49 Resp: 863
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.6
 130 64.4 57.4 86.0



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

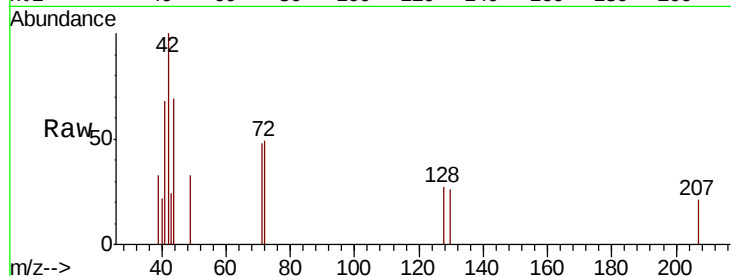




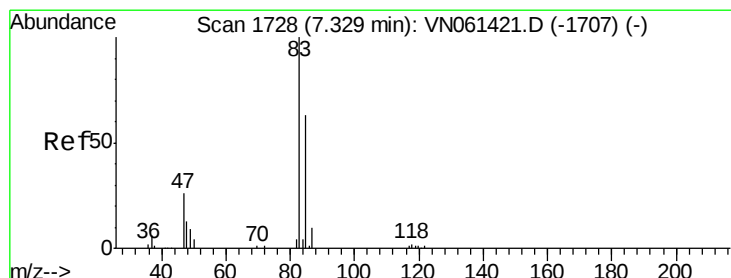
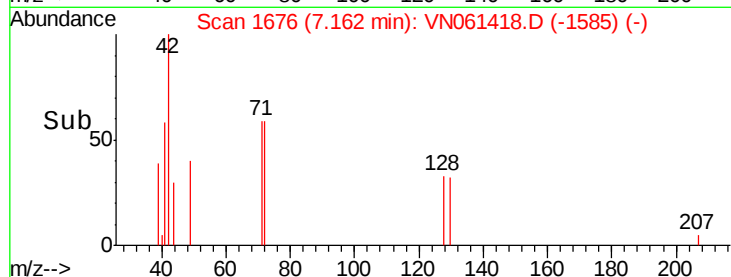
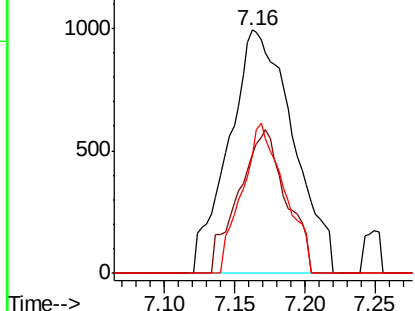
#29
Tetrahydrofuran
Concen: 3.651 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.01 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 42 Resp: 3152
Ion Ratio Lower Upper
42 100
72 43.6 37.1 55.7
71 40.9 34.5 51.7

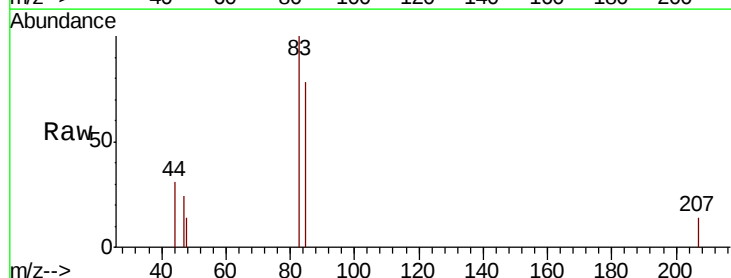


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

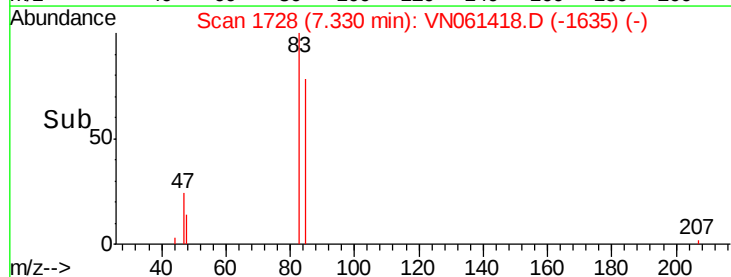
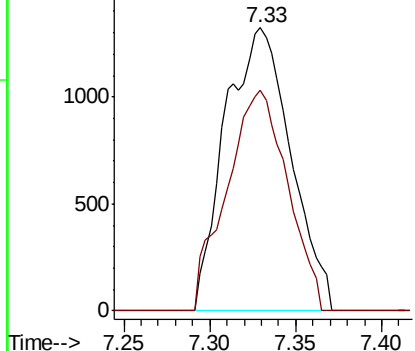


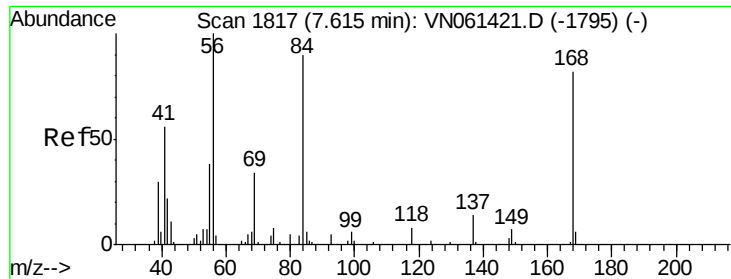
#30
Chloroform
Concen: 1.007 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Tgt Ion: 83 Resp: 3512
Ion Ratio Lower Upper
83 100
85 78.1 50.6 76.0#



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

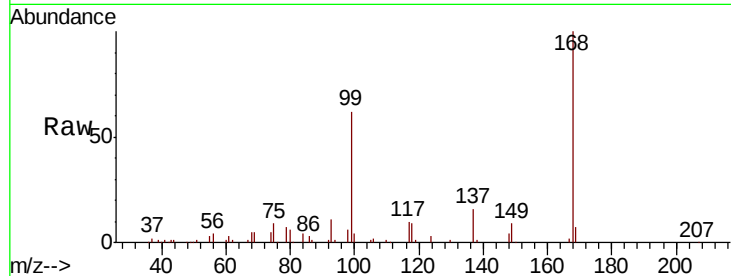




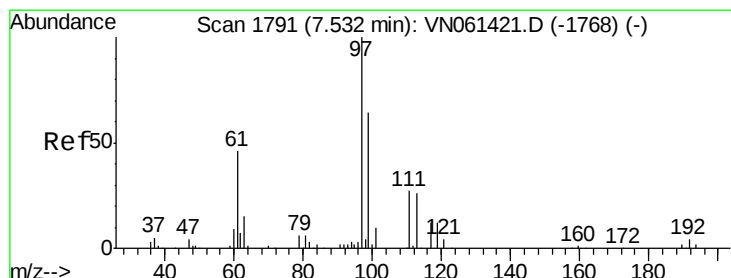
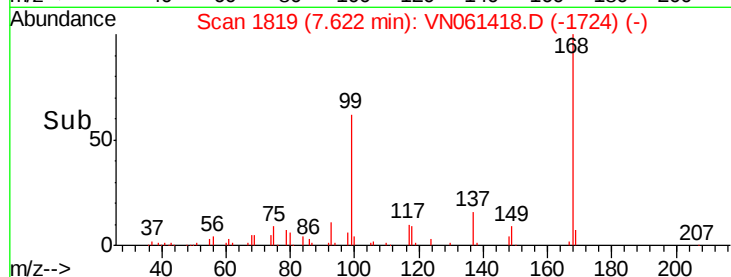
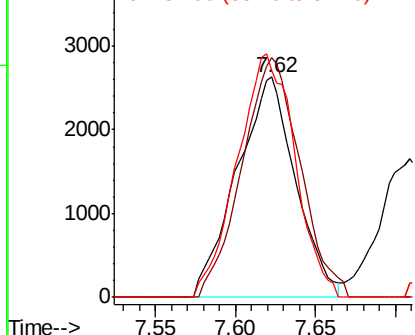
#31
Cvclohexane
Concen: 1.996 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 6637
Ion Ratio Lower Upper
56 100
69 108.8 27.0 40.4#
84 102.9 71.7 107.5

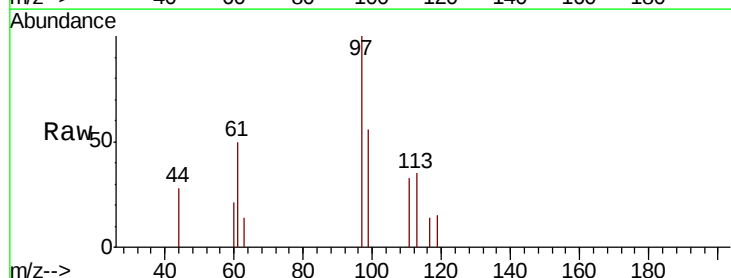


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

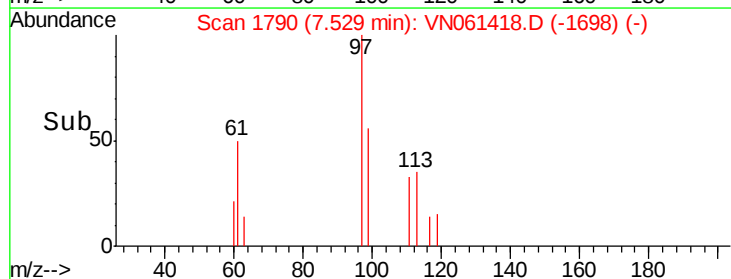
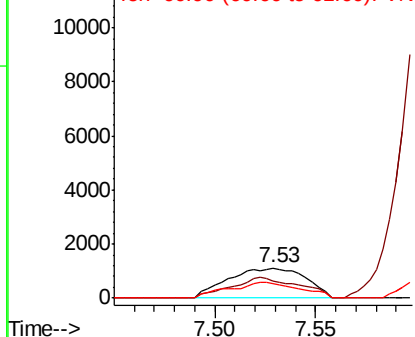


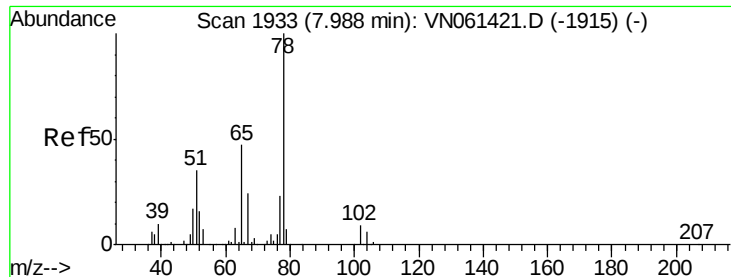
#32
1,1,1-Trichloroethane
Concen: 0.966 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Tgt Ion: 97 Resp: 2951
Ion Ratio Lower Upper
97 100
99 0.0 50.7 76.1#
61 48.6 37.0 55.4



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





#33

1,2-Dichloroethane-d4

Concen: 0.999 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

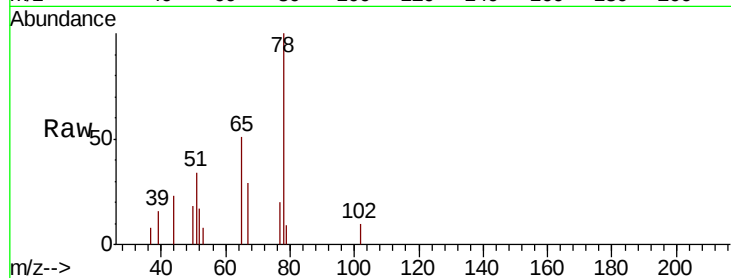
ClientSampleId :

Tot Ion: 65 Resp: 2300

Ion Ratio Lower Upper

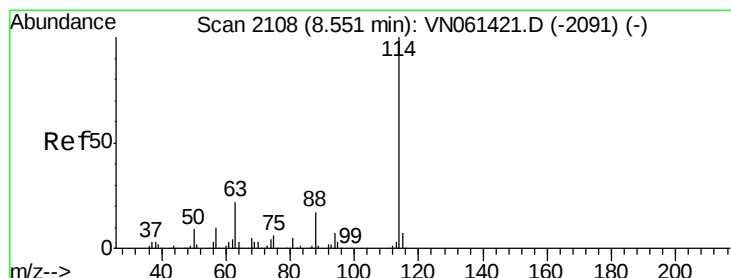
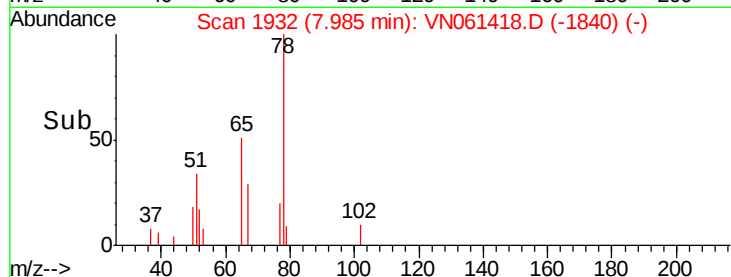
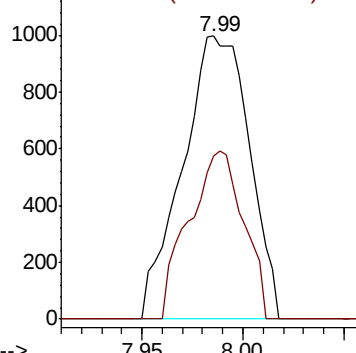
65 100

67 48.8 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

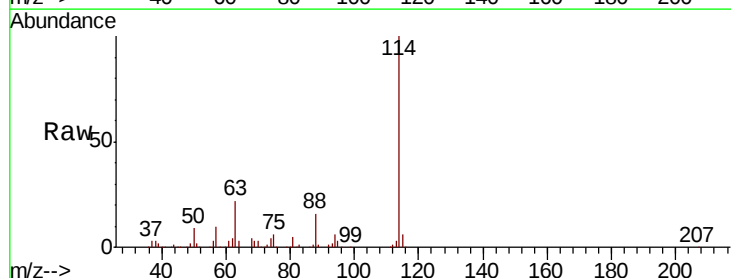
Tgt Ion: 114 Resp: 268274

Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.4

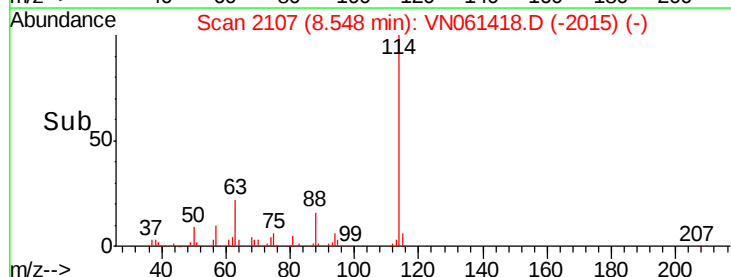
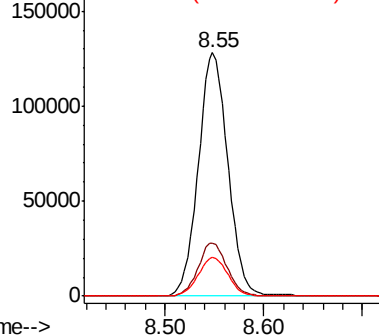
88 15.8 0.0 33.6

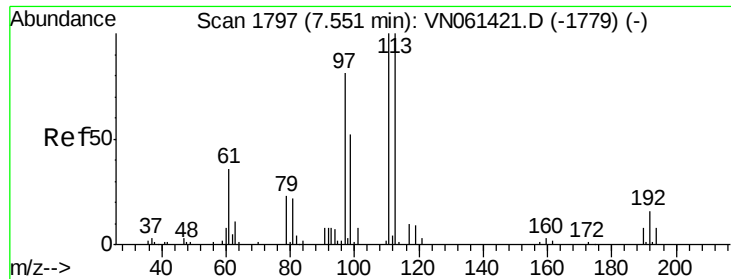


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

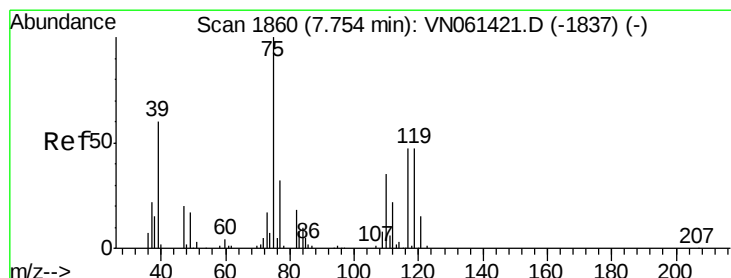
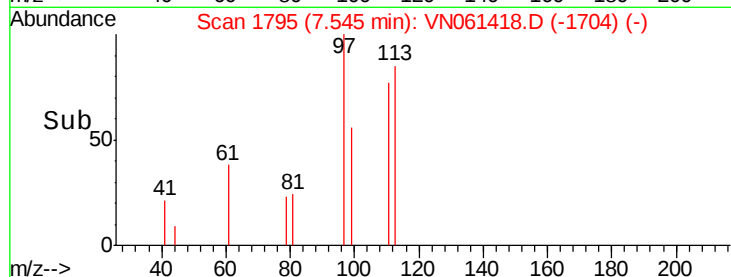
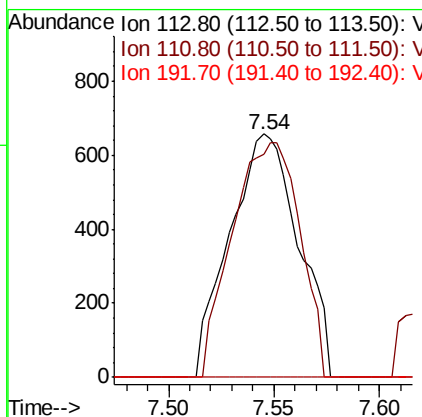
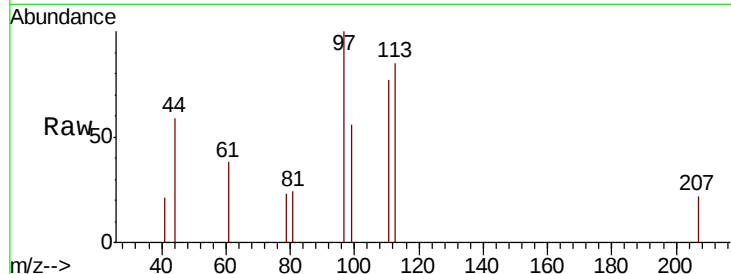




#35
 Dibromofluoromethane
 Concen: 0.970 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

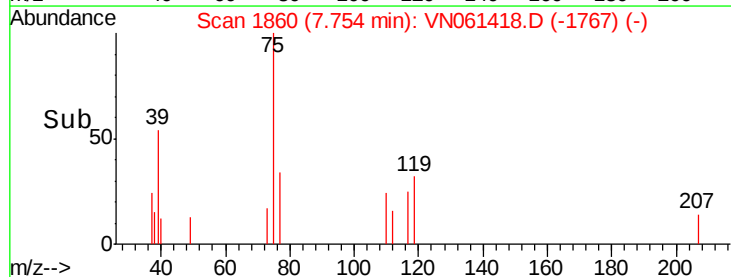
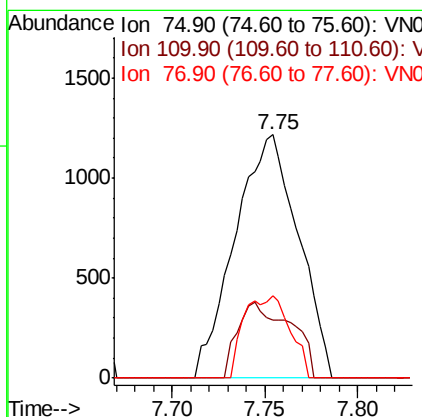
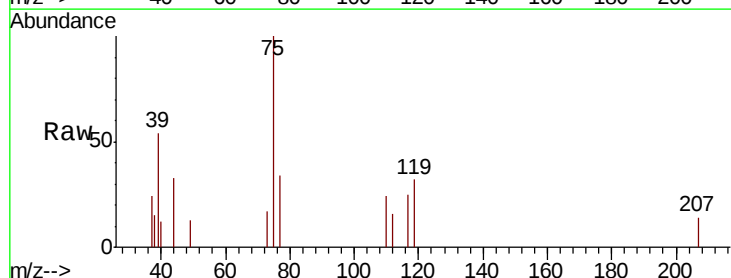
Instrument :
 MSVOA_N
 ClientSampled :

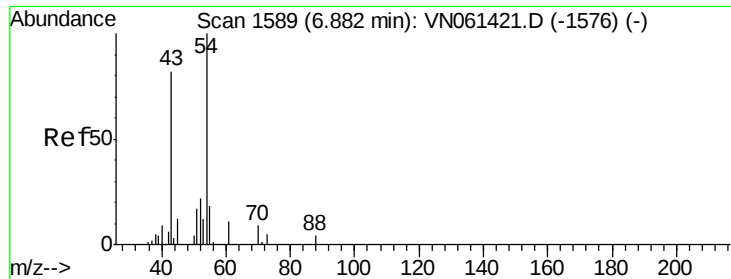
Tot Ion:113 Resp: 1496
 Ion Ratio Lower Upper
 113 100
 111 94.5 82.6 124.0
 192 0.0 13.4 20.0#



#36
 1,1-Dichloropropene
 Concen: 1.085 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

Tgt Ion: 75 Resp: 2884
 Ion Ratio Lower Upper
 75 100
 110 25.9 16.7 50.1
 77 24.4 24.7 37.1#

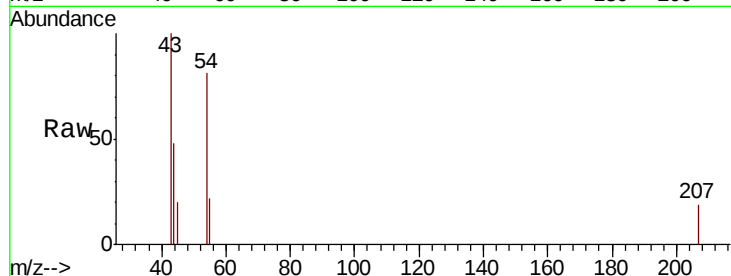




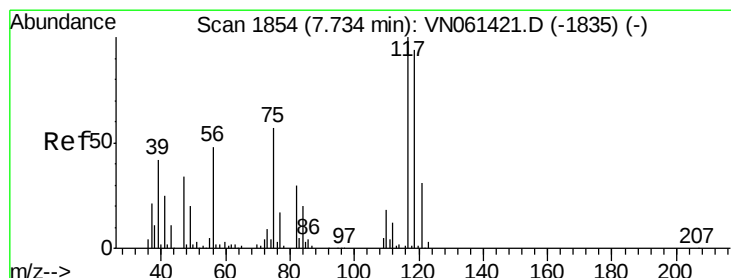
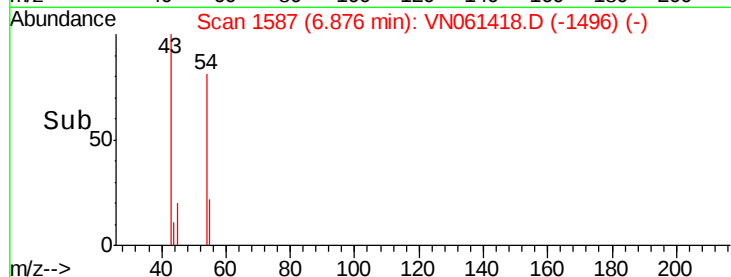
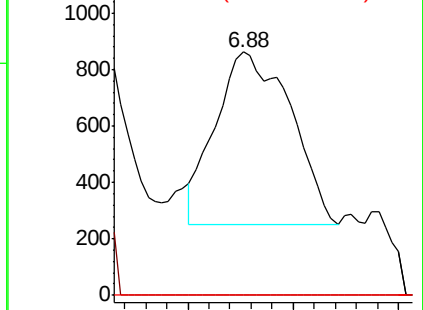
#37
Ethyl Acetate
Concen: 0.508 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 1511
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 8.0 12.0#

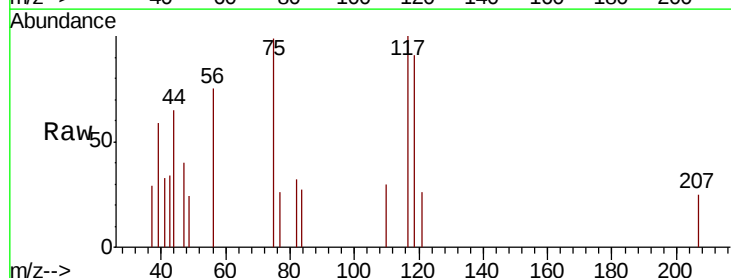


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

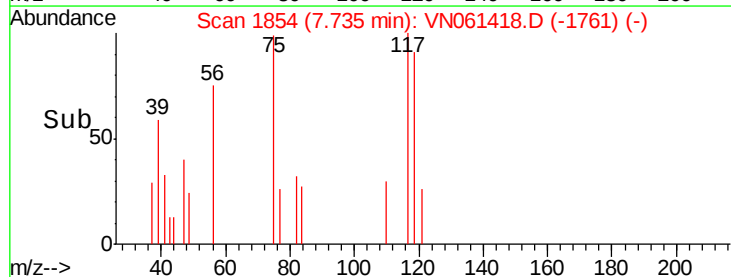
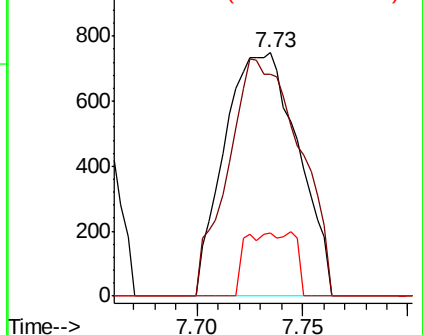


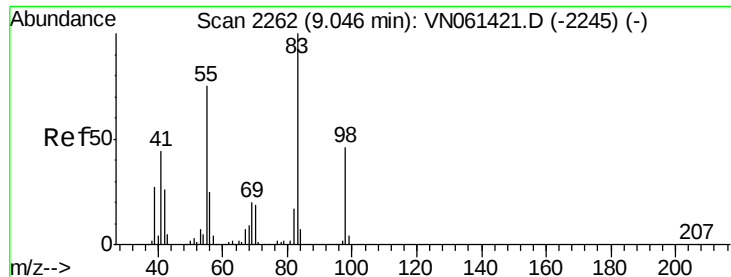
#38
Carbon Tetrachloride
Concen: 0.844 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Tgt Ion: 117 Resp: 1813
Ion Ratio Lower Upper
117 100
119 91.1 75.5 113.3
121 26.0 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

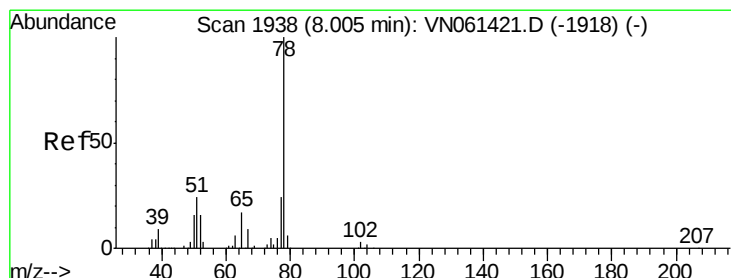
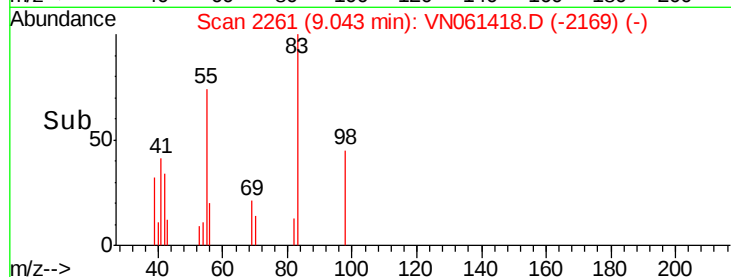
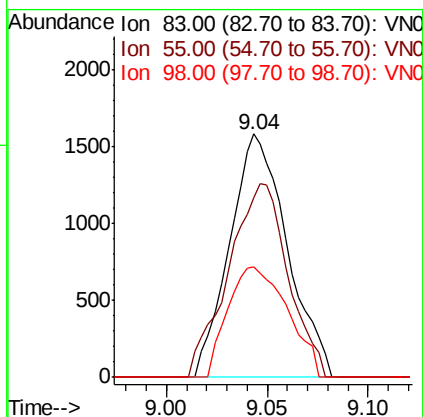
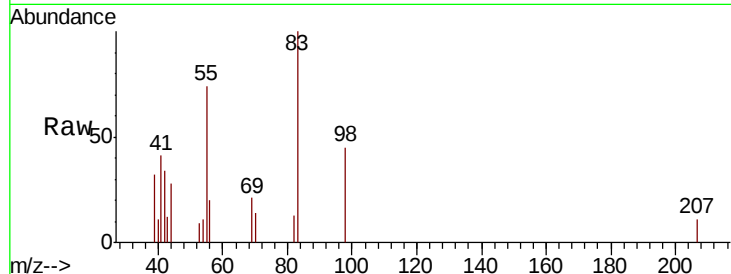




#39
Methvlcvclohexane
Concen: 1.037 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

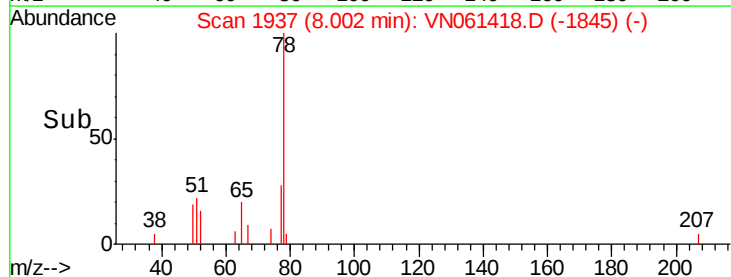
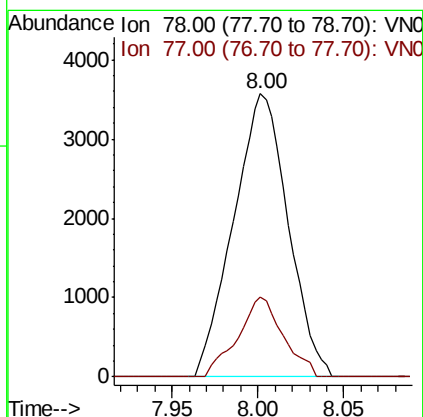
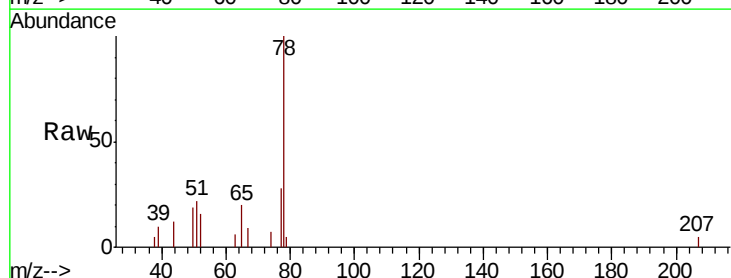
Instrument :
MSVOA_N
ClientSampled :

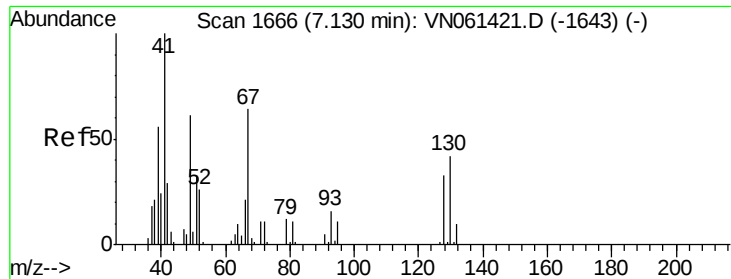
Tot Ion: 83 Resp: 3142
Ion Ratio Lower Upper
83 100
55 73.8 60.1 90.1
98 45.3 37.0 55.6



#40
Benzene
Concen: 0.987 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Tgt Ion: 78 Resp: 7854
Ion Ratio Lower Upper
78 100
77 28.3 19.0 28.6

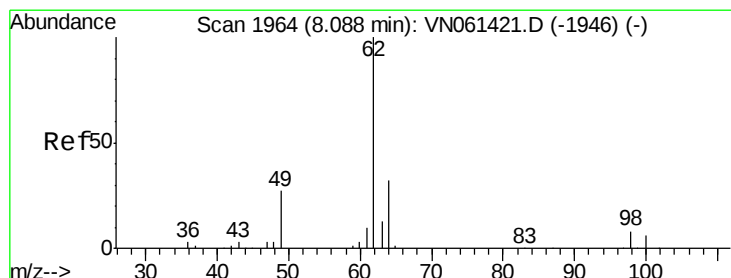
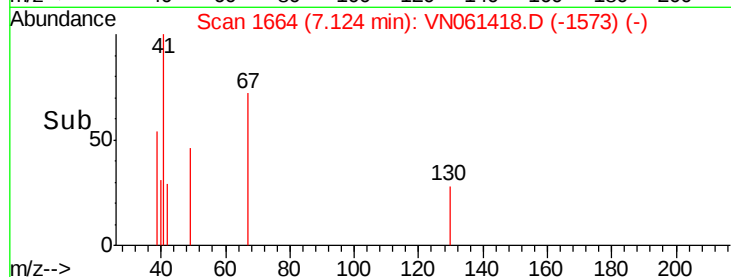
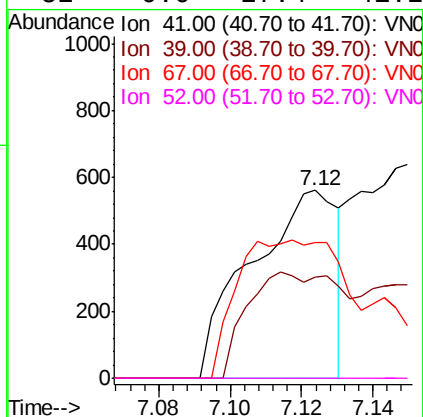
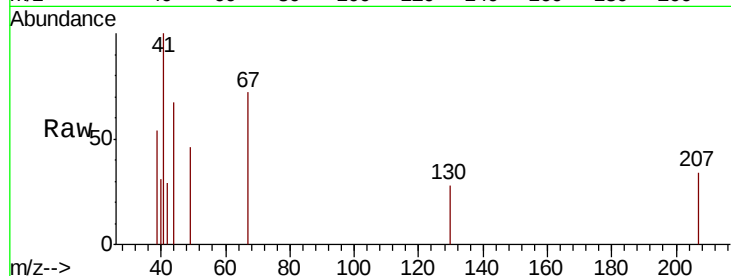




#41
Methacrylonitrile
Concen: 0.731 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

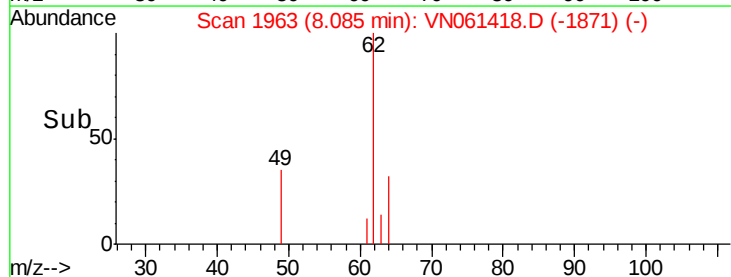
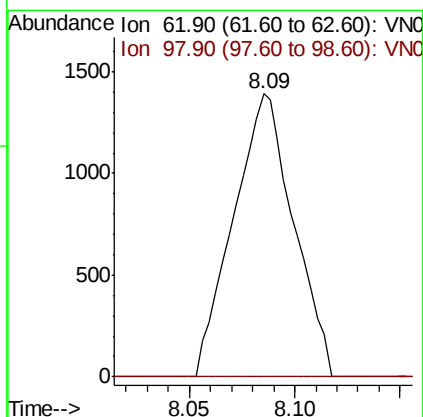
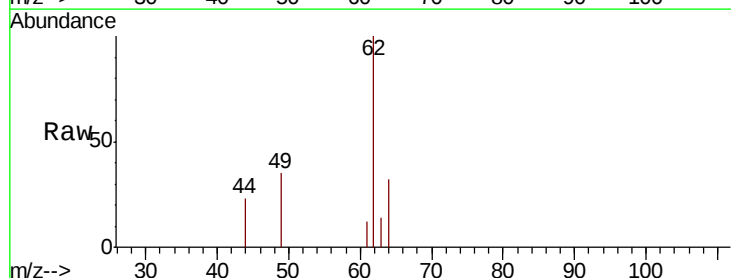
Instrument :
MSVOA_N
ClientSampled :

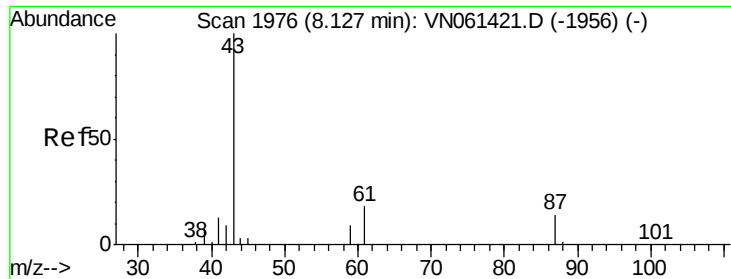
Tot Ion: 41 Resp: 939
Ion Ratio Lower Upper
41 100
39 37.6 42.2 63.4#
67 90.8 64.7 97.1
52 0.0 27.4 41.2#



#42
1,2-Dichloroethane
Concen: 0.920 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Tgt Ion: 62 Resp: 2750
Ion Ratio Lower Upper
62 100
98 0.0 0.0 17.0





#43

Isopropyl Acetate

Concen: 0.906 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

ClientSampleId :

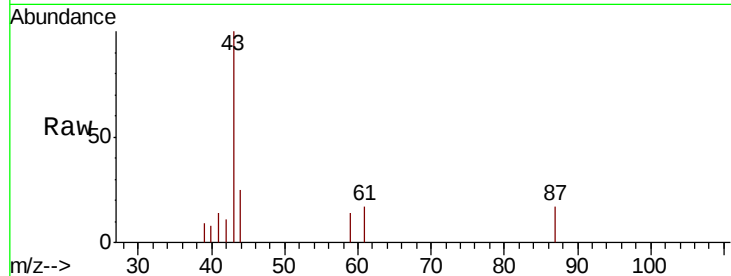
Tot Ion: 43 Resp: 4565

Ion Ratio Lower Upper

43 100

61 16.8 21.3 31.9#

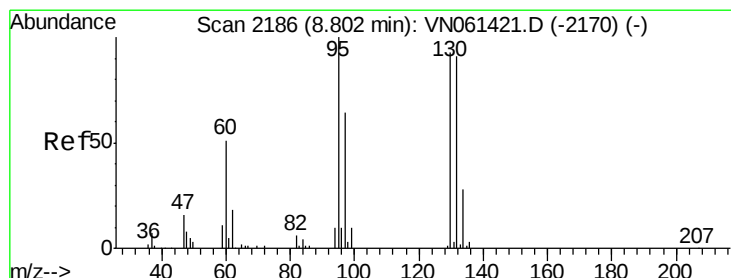
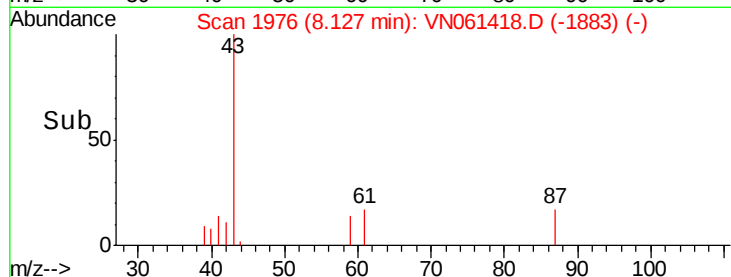
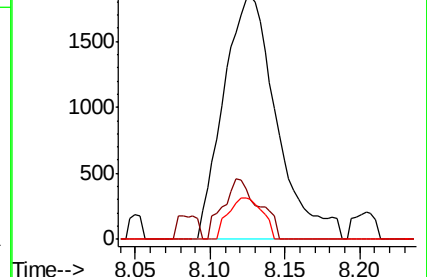
87 11.1 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VN061418.D (-1956) (-)

Ion 61.00 (60.70 to 61.70): VN061418.D (-1956) (-)

Ion 87.00 (86.70 to 87.70): VN061418.D (-1956) (-)



#44

Trichloroethene

Concen: 0.909 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061418.D

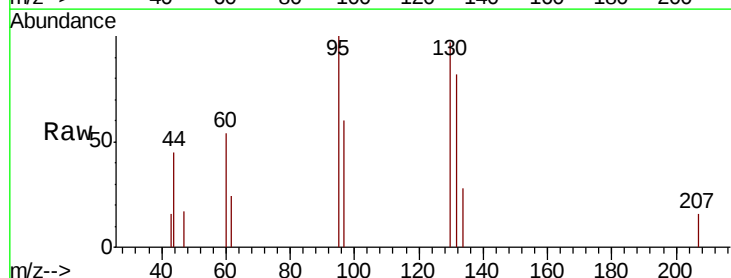
Acq: 15 May 2020 20:12

Tgt Ion: 130 Resp: 1945

Ion Ratio Lower Upper

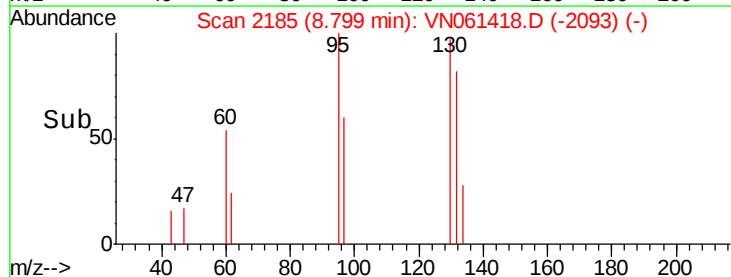
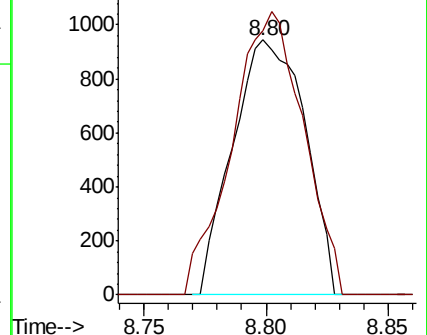
130 100

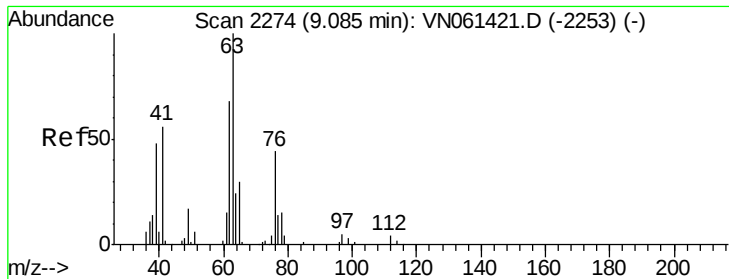
95 103.5 0.0 214.8



Abundance Ion 129.80 (129.50 to 130.50): VN061418.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN061418.D (-2093) (-)

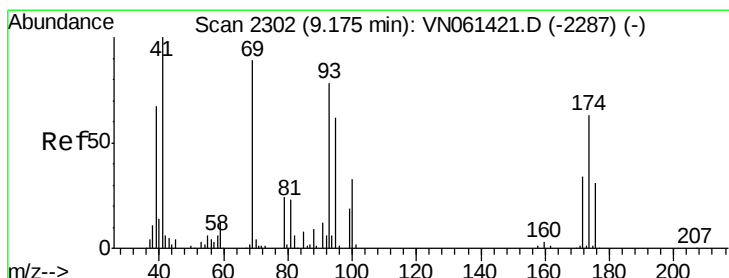
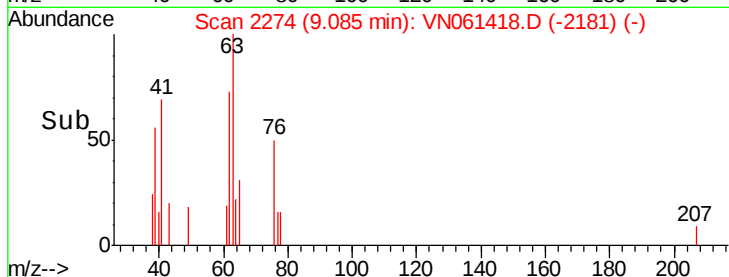
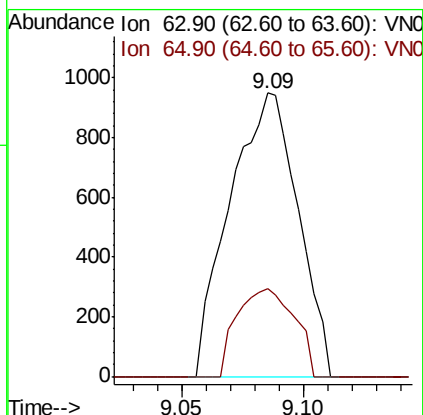
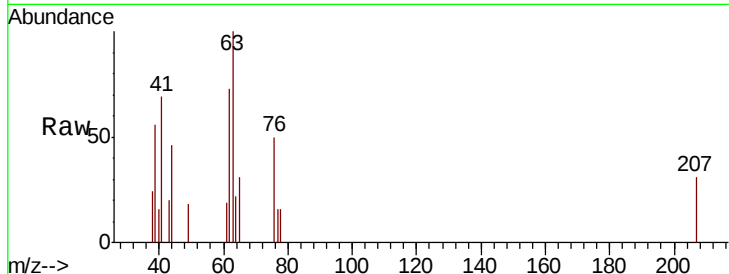




#45
 1,2-Dichloropropane
 Concen: 0.870 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

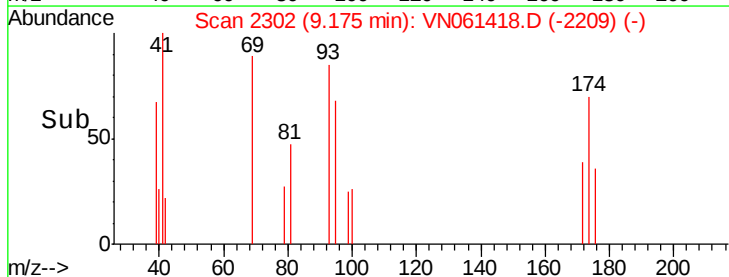
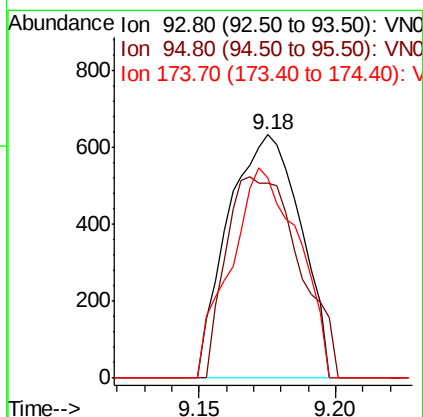
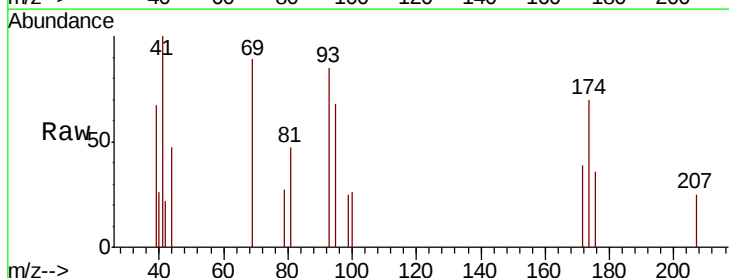
Instrument :
 MSVOA_N
 ClientSampled :

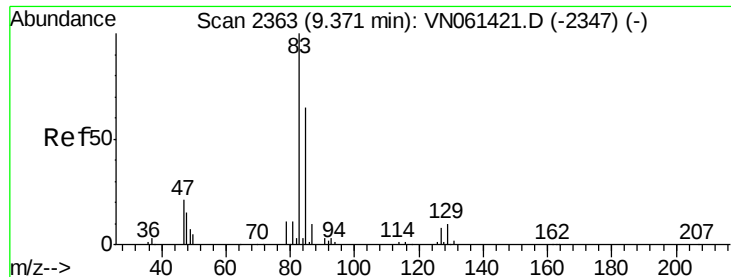
Tot Ion: 63 Resp: 1838
 Ion Ratio Lower Upper
 63 100
 65 30.8 23.9 35.9



#46
 Dibromomethane
 Concen: 0.887 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

Tgt Ion: 93 Resp: 1170
 Ion Ratio Lower Upper
 93 100
 95 83.6 65.3 97.9
 174 80.8 66.2 99.2





#47

Bromodichloromethane

Concen: 1.036 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

ClientSampleId :

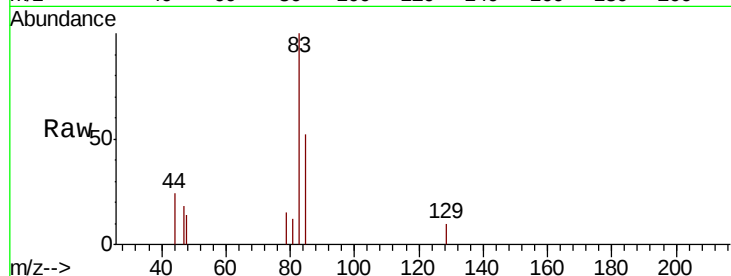
Tot Ion: 83 Resp: 2933

Ion Ratio Lower Upper

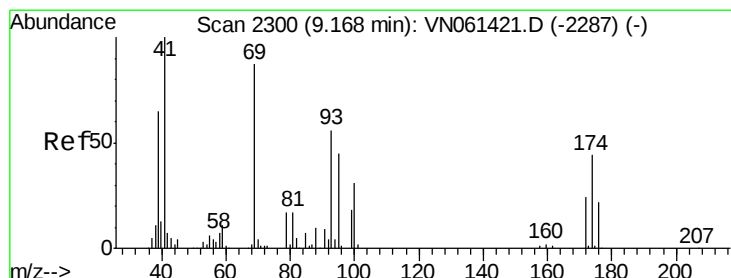
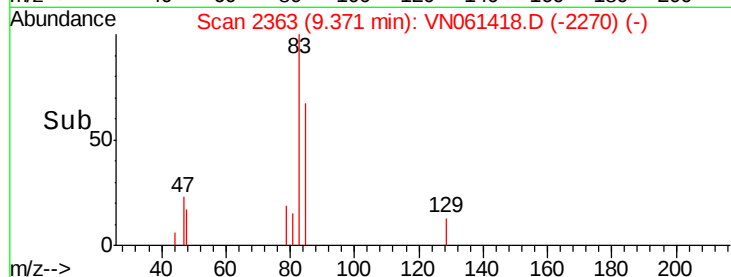
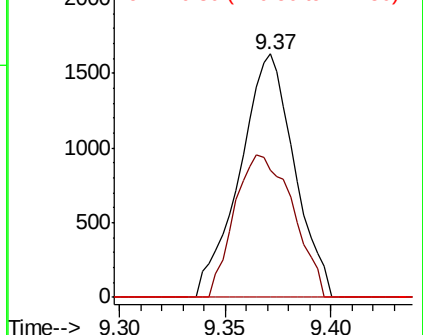
83 100

85 52.3 52.1 78.1

127 0.0 6.3 9.5#



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): V



#48

Methyl methacrylate

Concen: 0.889 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

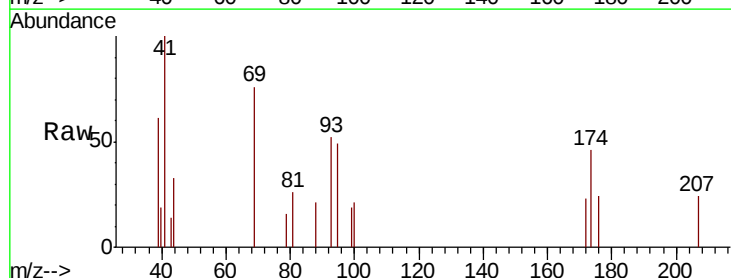
Tgt Ion: 41 Resp: 2016

Ion Ratio Lower Upper

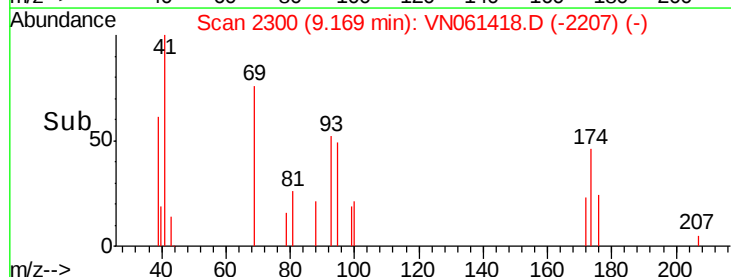
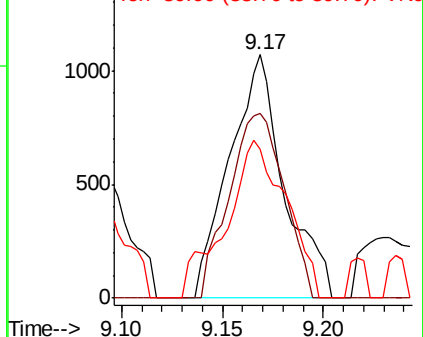
41 100

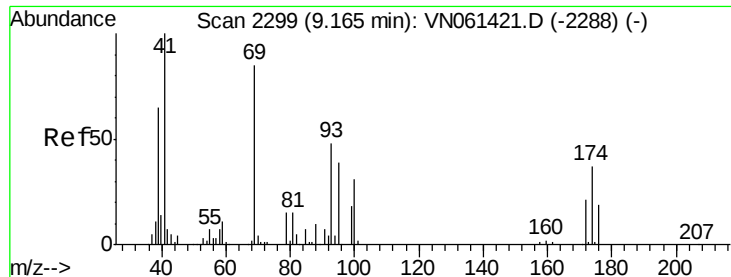
69 76.9 71.1 106.7

39 72.0 54.8 82.2



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

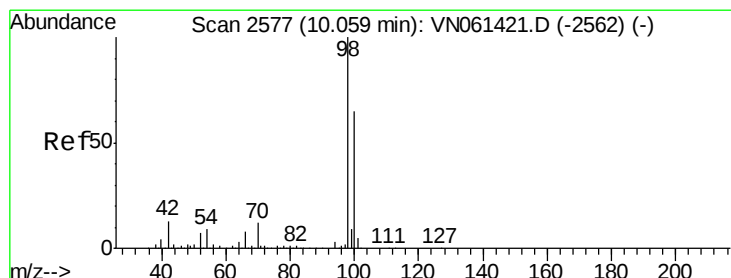
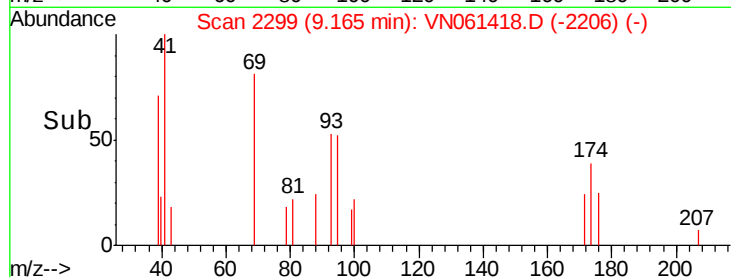
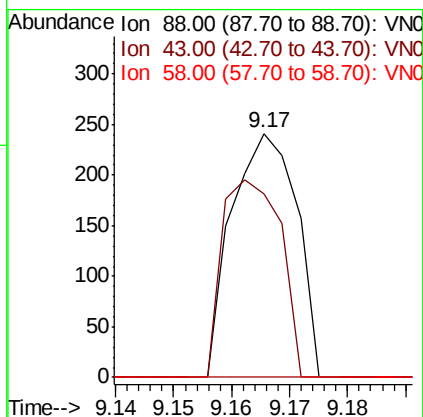
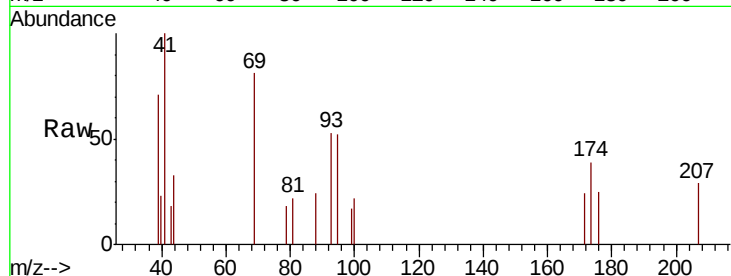




#49
1,4-Dioxane
Concen: 7.685 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

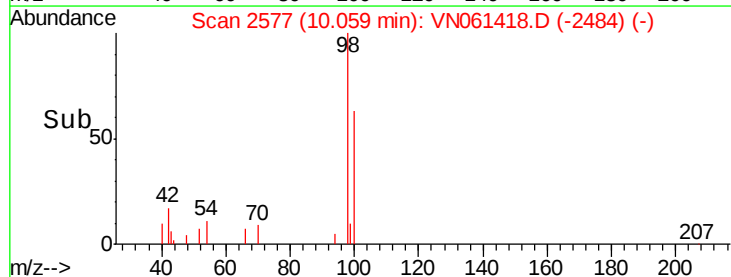
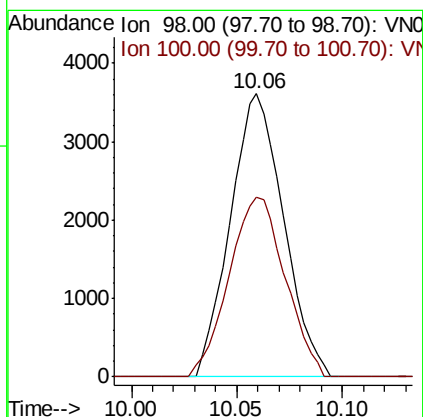
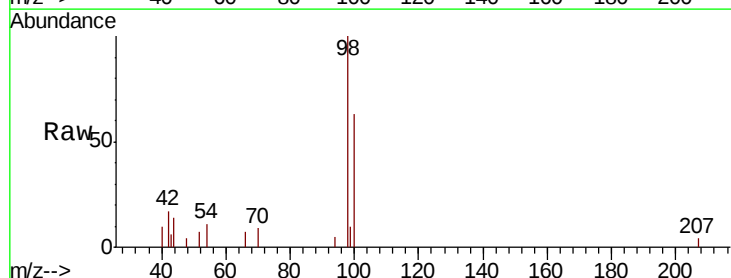
Instrument :
MSVOA_N
ClientSampleId :

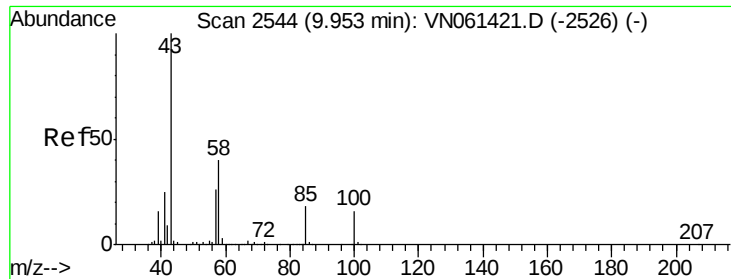
Tot Ion: 88 Resp: 187
Ion Ratio Lower Upper
88 100
43 72.7 38.9 58.3#
58 0.0 55.5 83.3#



#50
Toluene-d8
Concen: 0.973 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Tgt Ion: 98 Resp: 6339
Ion Ratio Lower Upper
98 100
100 66.8 52.0 78.0

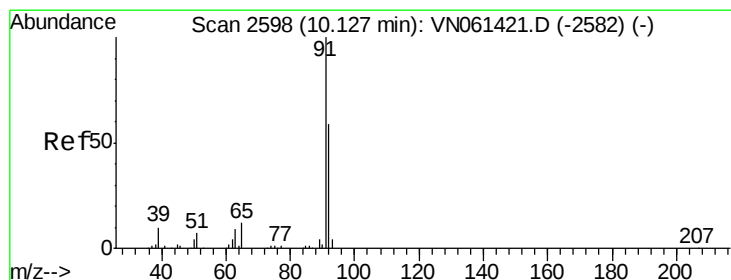
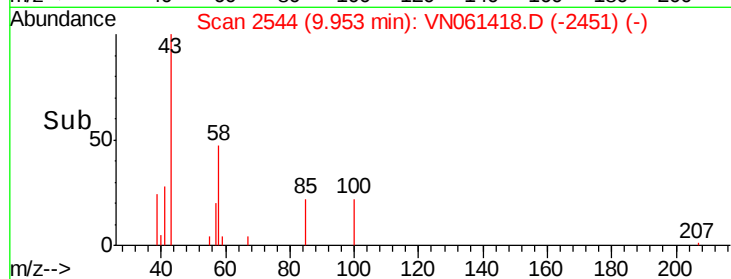
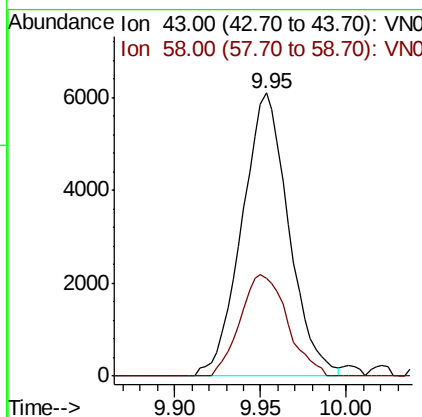
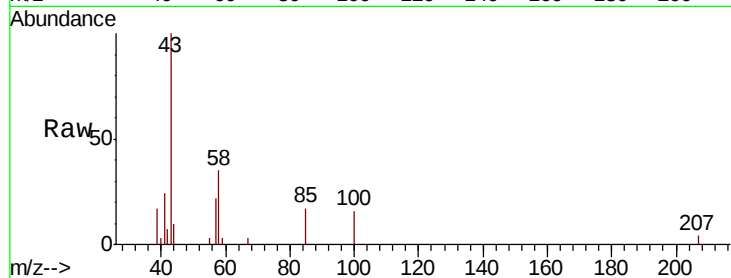




#51
 4-Methyl-2-Pentanone
 Concen: 3.945 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

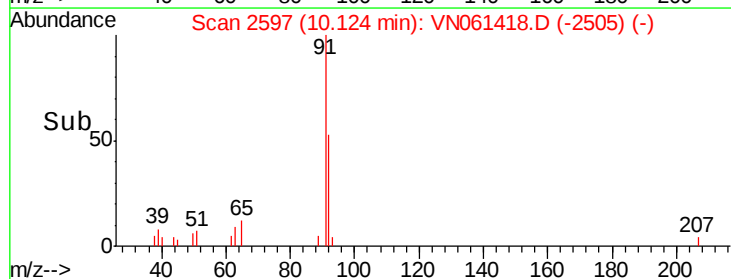
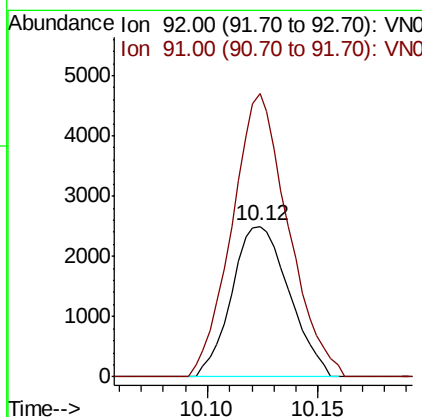
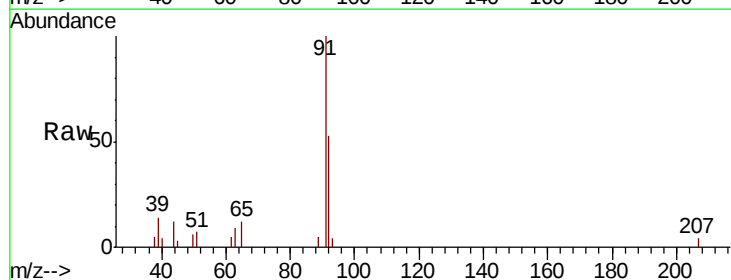
Instrument :
 MSVOA_N
 ClientSampleId :

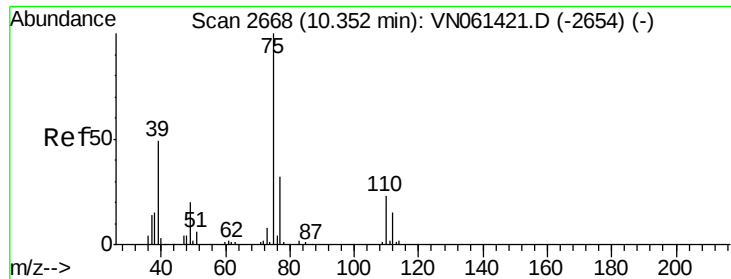
Tot Ion: 43 Resp: 11533
 Ion Ratio Lower Upper
 43 100
 58 36.2 32.2 48.4



#52
 Toluene
 Concen: 0.930 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

Tgt Ion: 92 Resp: 4496
 Ion Ratio Lower Upper
 92 100
 91 185.1 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 0.921 ug/l

RT: 10.36 min Scan# 2669

Delta R.T. 0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

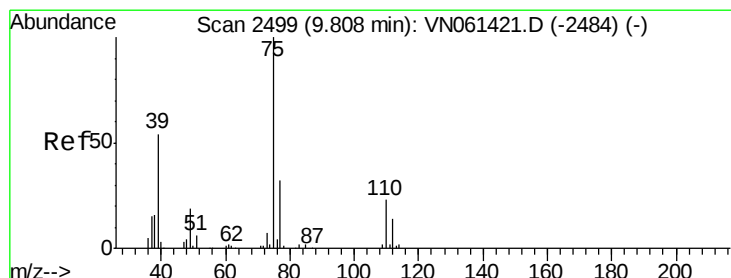
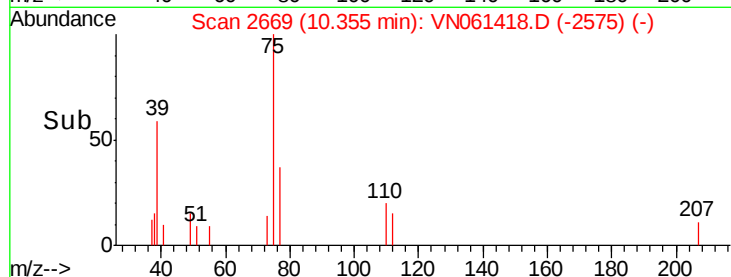
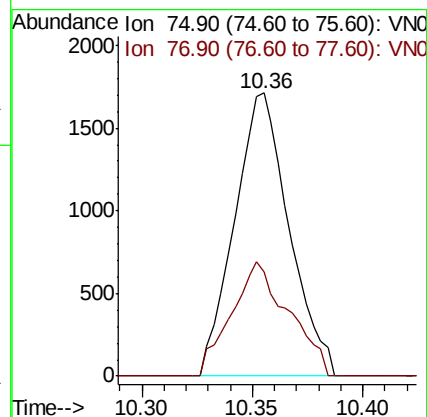
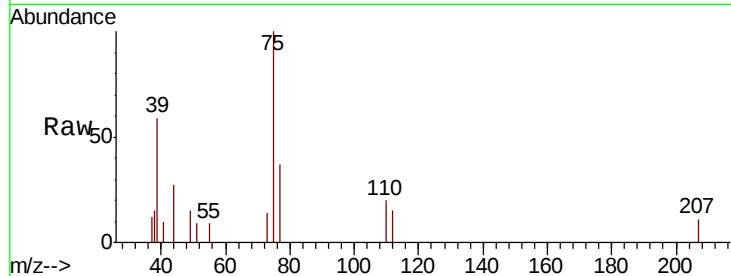
ClientSampled :

Tot Ion: 75 Resp: 2936

Ion Ratio Lower Upper

75 100

77 36.7 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 0.980 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

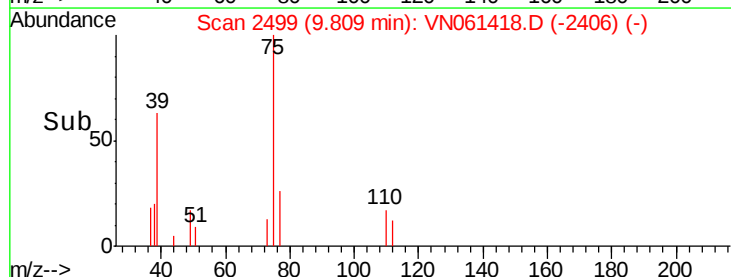
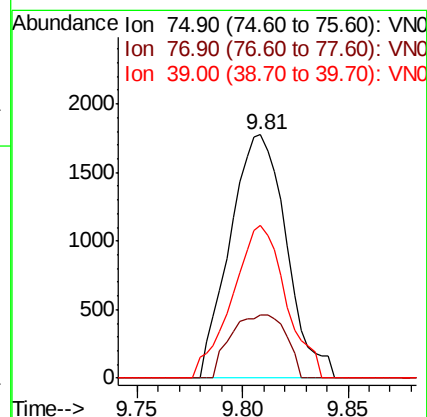
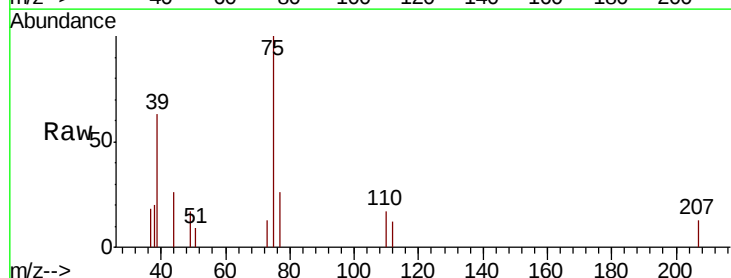
Tgt Ion: 75 Resp: 3300

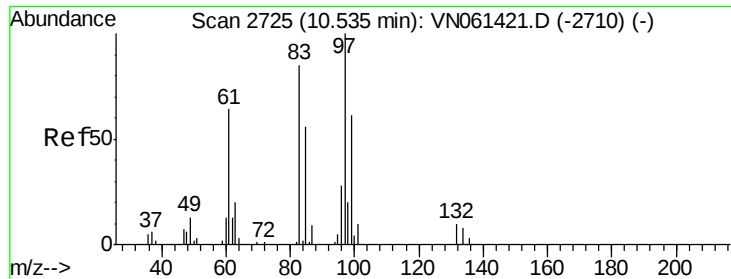
Ion Ratio Lower Upper

75 100

77 26.0 26.0 39.0#

39 62.7 43.0 64.6

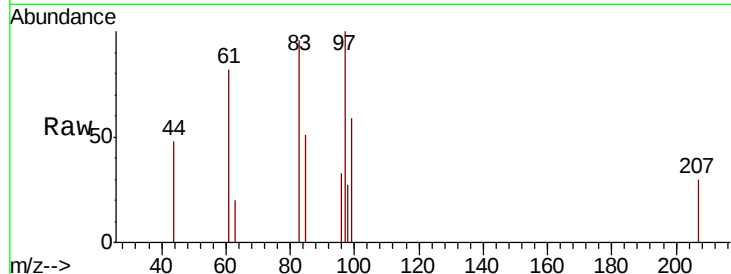




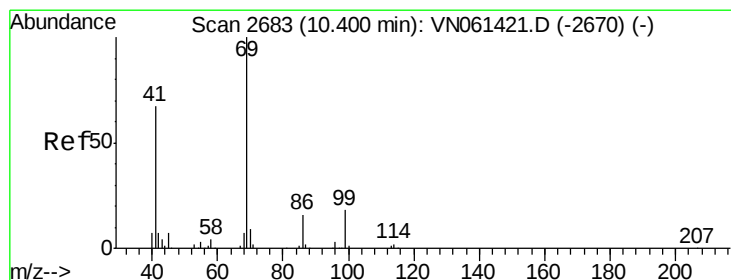
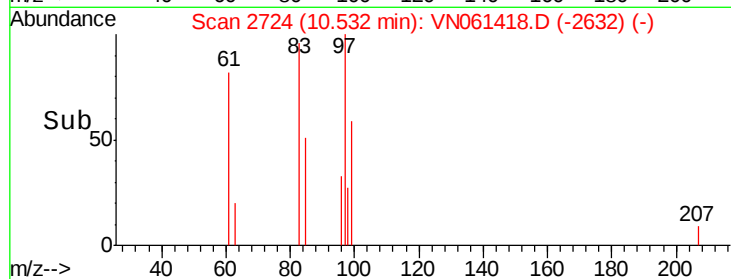
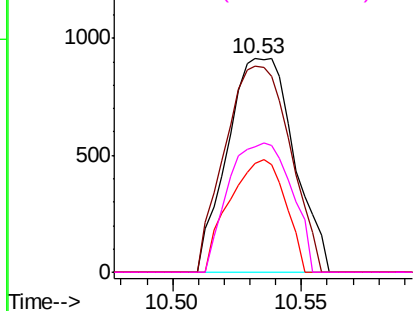
#55
 1,1,2-Trichloroethane
 Concen: 0.857 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 97 Resp: 1642
 Ion Ratio Lower Upper
 97 100
 83 96.5 67.7 101.5
 85 51.0 44.6 66.8
 99 58.7 48.7 73.1

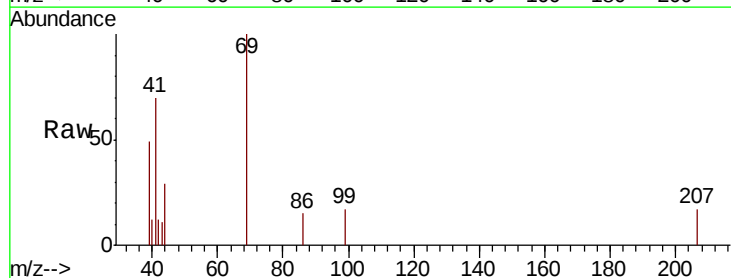


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

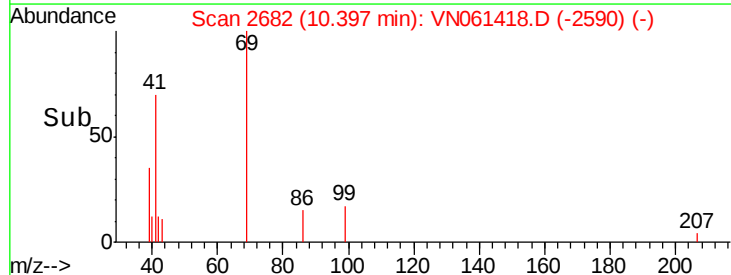
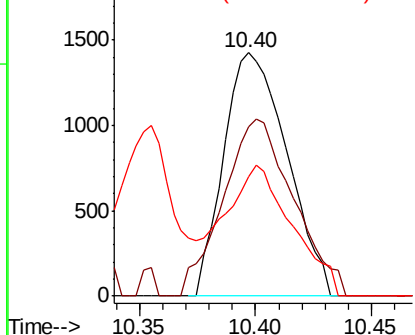


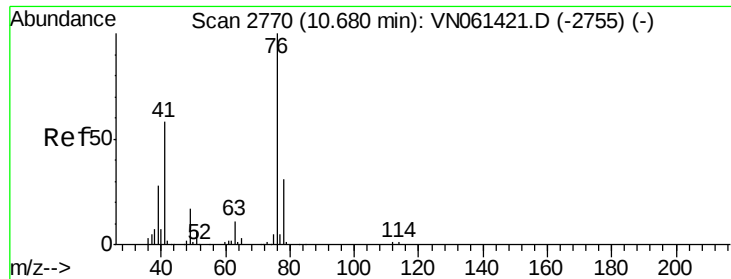
#56
 Ethyl methacrylate
 Concen: 0.935 ug/l
 RT: 10.40 min Scan# 2682
 Delta R.T. -0.00 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

Tgt Ion: 69 Resp: 2701
 Ion Ratio Lower Upper
 69 100
 41 81.2 51.6 77.4#
 39 56.5 32.9 49.3#



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





#57

1,3-Dichloropropane

Concen: 0.844 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

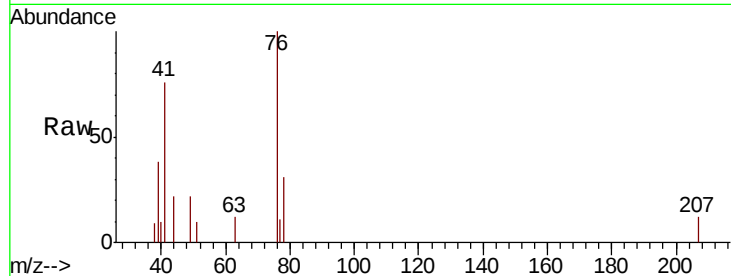
ClientSampleId :

Tot Ion: 76 Resp: 2826

Ion Ratio Lower Upper

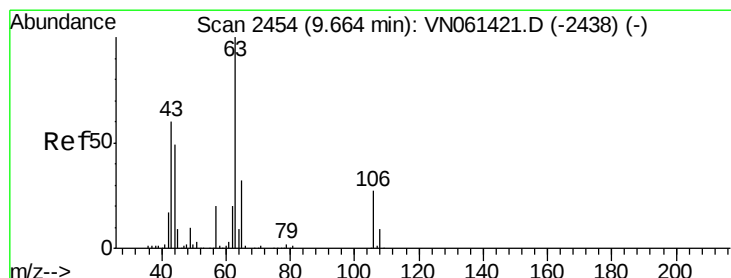
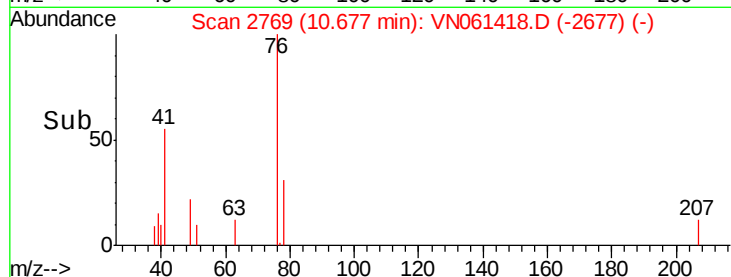
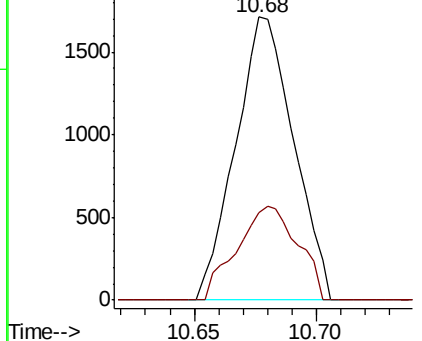
76 100

78 34.7 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN061421.D (-2755) (-)

Ion 77.90 (77.60 to 78.60): VN061421.D (-2755) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 3.512 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN061418.D

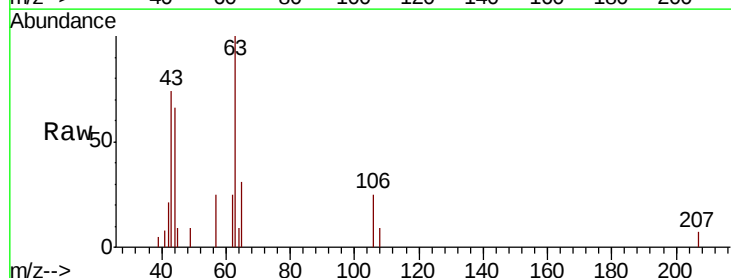
Acq: 15 May 2020 20:12

Tgt Ion: 63 Resp: 5318

Ion Ratio Lower Upper

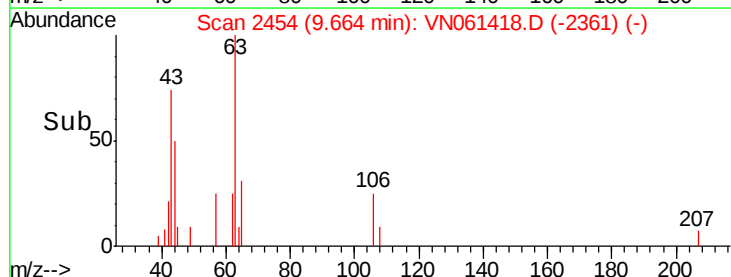
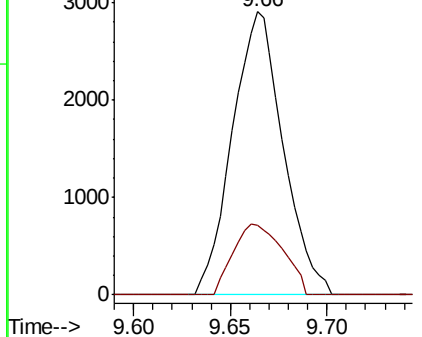
63 100

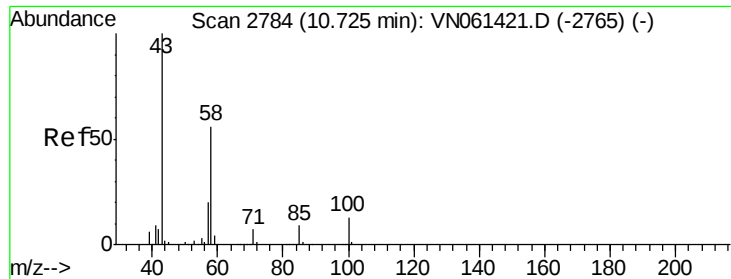
106 24.3 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VN061421.D (-2438) (-)

Ion 105.90 (105.60 to 106.60): VN061421.D (-2438) (-)

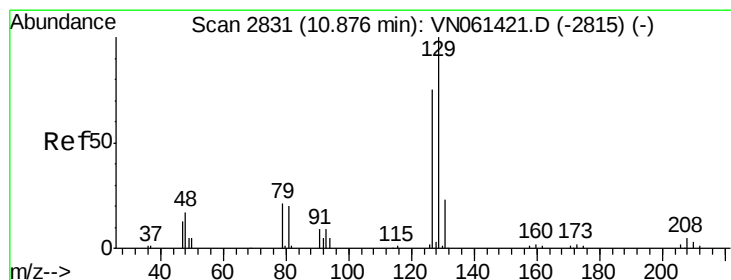
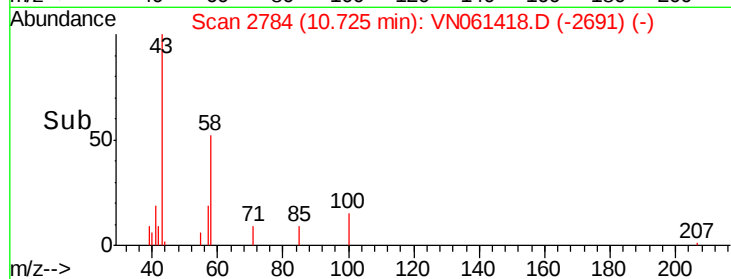
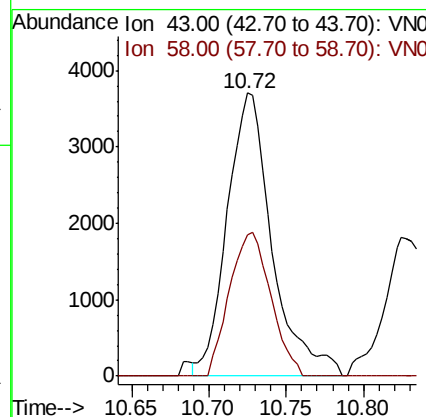
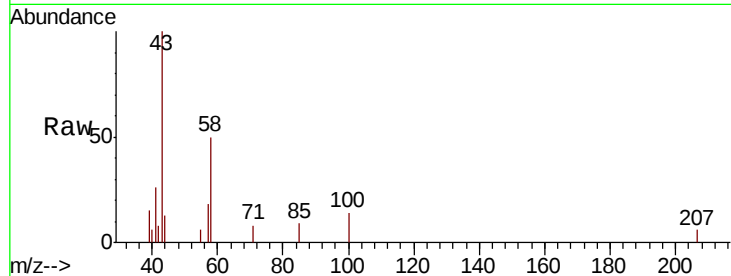




#59
2-Hexanone
Concen: 3.549 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

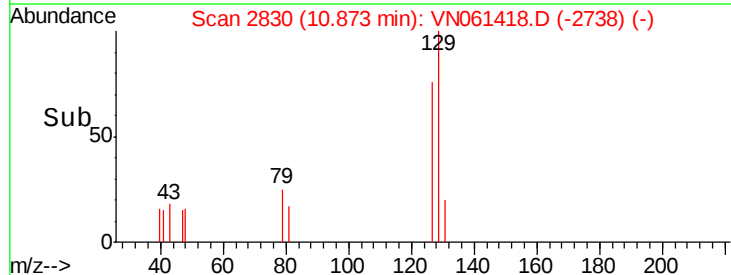
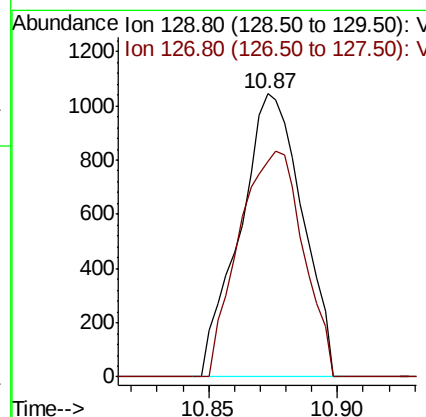
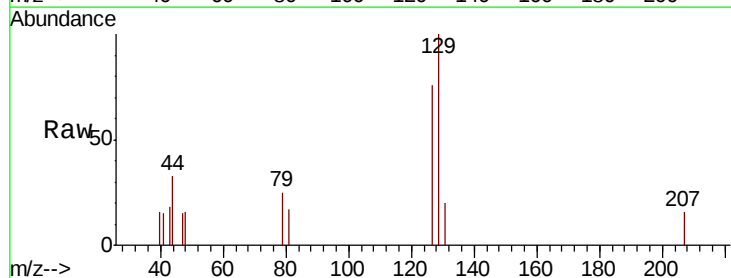
Instrument :
MSVOA_N
ClientSampled :

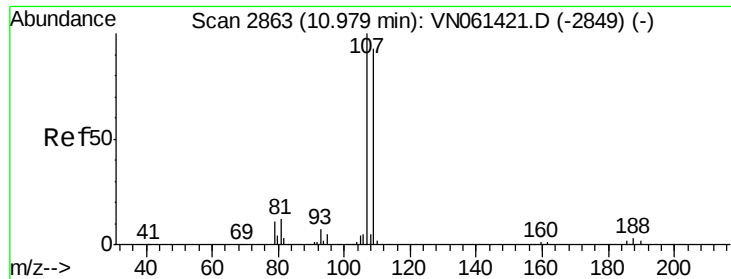
Tot Ion: 43 Resp: 7480
Ion Ratio Lower Upper
43 100
58 46.6 27.9 83.7



#60
Dibromochloromethane
Concen: 0.870 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Tgt Ion: 129 Resp: 1756
Ion Ratio Lower Upper
129 100
127 82.5 38.5 115.3





#61

1,2-Dibromoethane

Concen: 0.892 ug/l

RT: 10.98 min Scan# 2864

Delta R.T. 0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

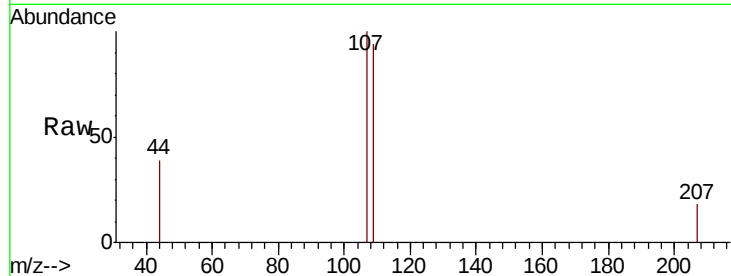
ClientSampled :

Tot Ion:107 Resp: 1715

Ion Ratio Lower Upper

107 100

109 100.3 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

1000

800

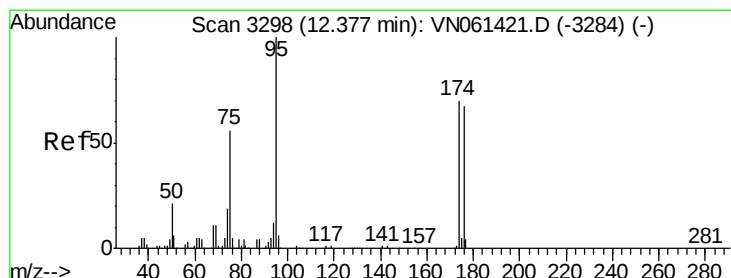
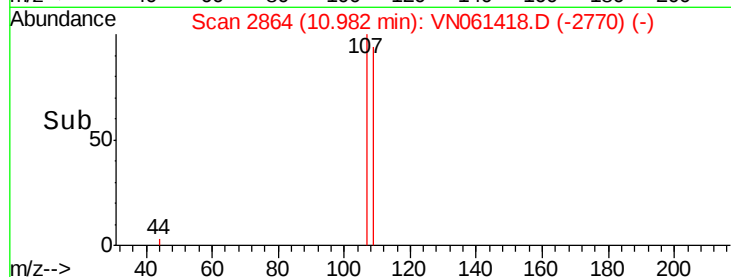
600

400

200

0

Time-->



#62

4-Bromofluorobenzene

Concen: 1.156 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

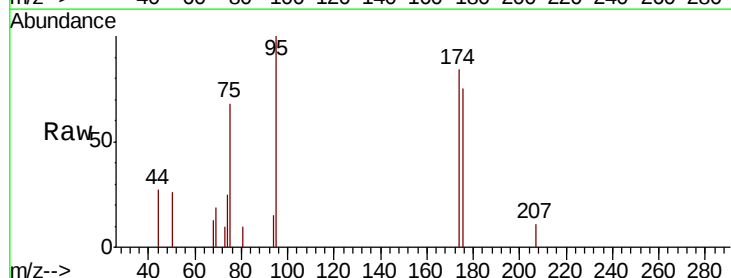
Tgt Ion: 95 Resp: 2836

Ion Ratio Lower Upper

95 100

174 71.4 0.0 140.4

176 67.0 0.0 134.0



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

2000

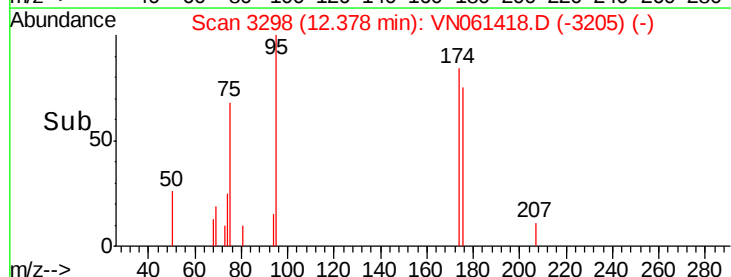
1500

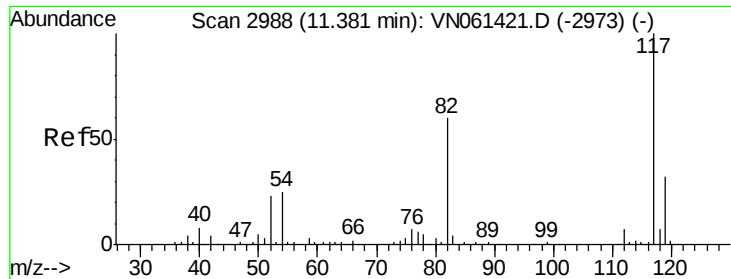
1000

500

0

Time-->

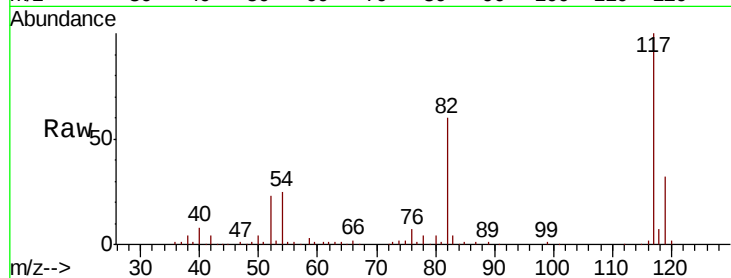




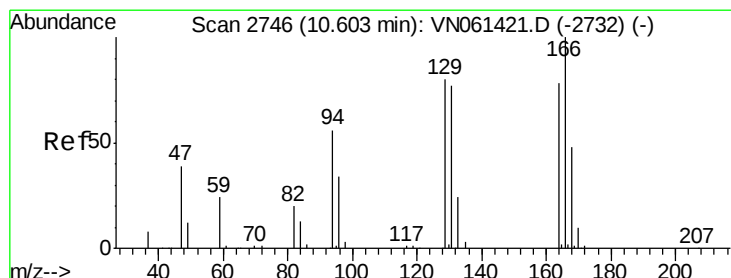
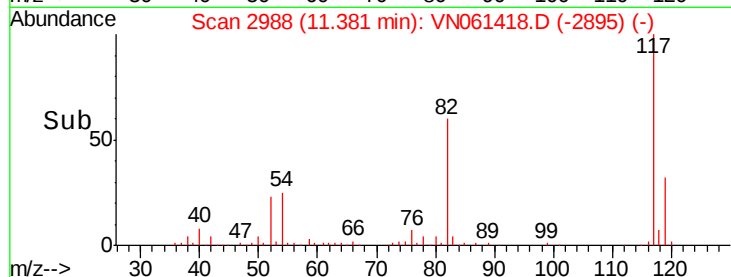
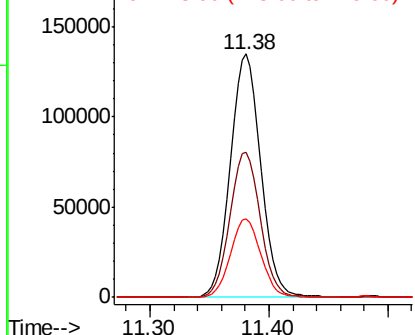
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 238898
Ion Ratio Lower Upper
117 100
82 59.7 47.7 71.5
119 32.5 25.3 37.9

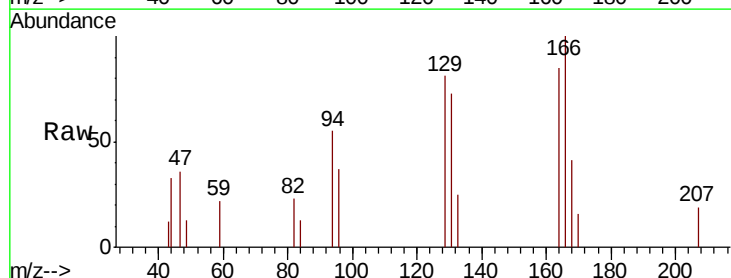


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

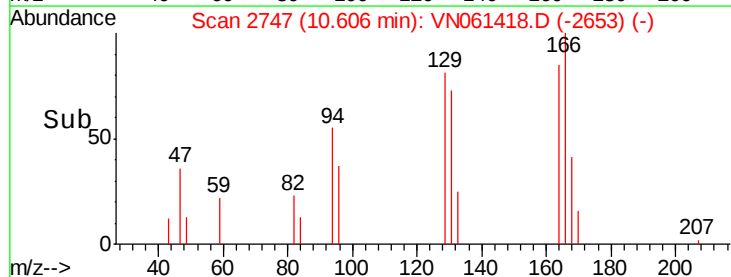
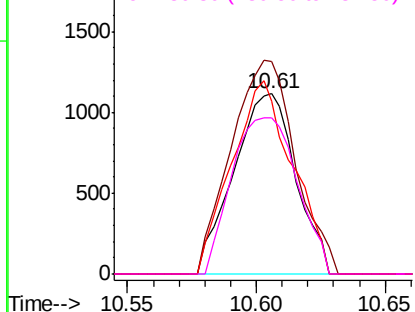


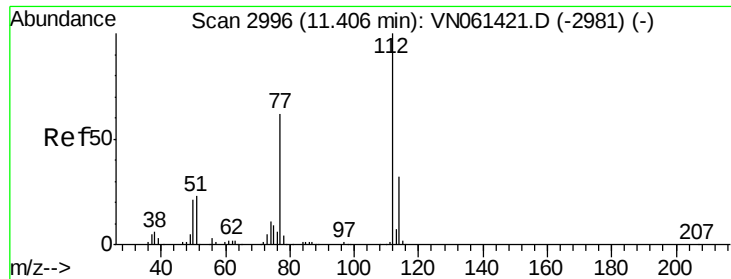
#64
Tetrachloroethene
Concen: 0.923 ug/l
RT: 10.61 min Scan# 2747
Delta R.T. 0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Tgt Ion:164 Resp: 1875
Ion Ratio Lower Upper
164 100
166 118.2 102.6 154.0
129 95.6 81.9 122.9
131 86.4 79.4 119.0



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: 1.086 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

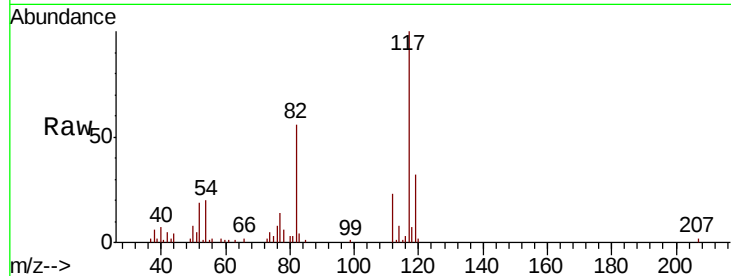
ClientSampleId :

Tot Ion:112 Resp: 5153

Ion Ratio Lower Upper

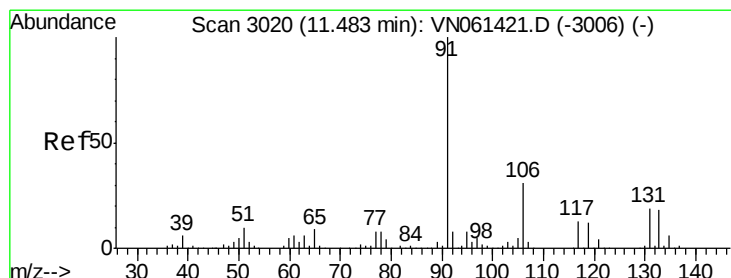
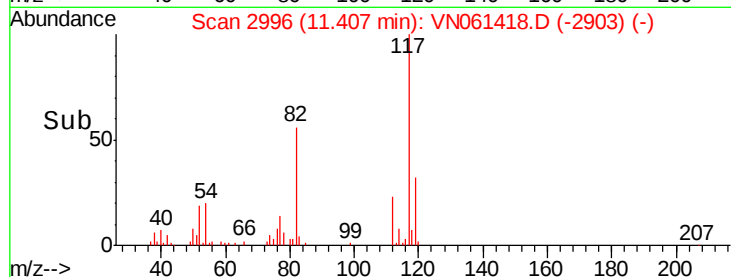
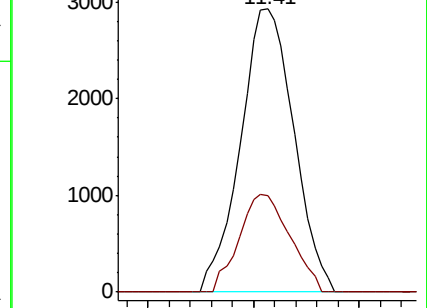
112 100

114 34.1 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 0.946 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

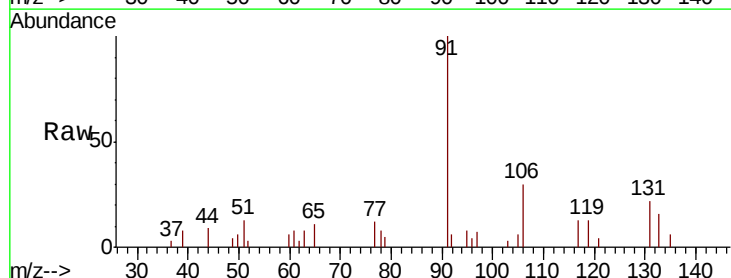
Tgt Ion:131 Resp: 1611

Ion Ratio Lower Upper

131 100

133 98.0 47.5 142.5

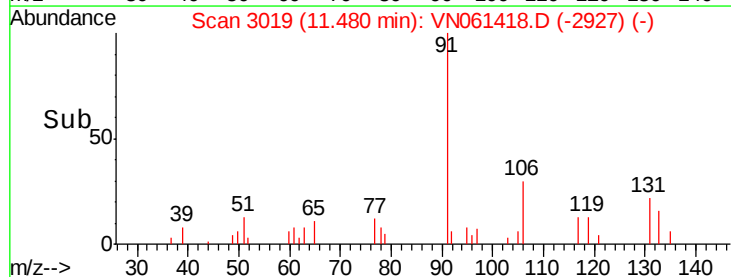
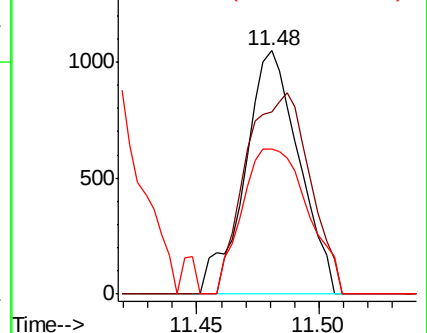
119 0.0 33.0 98.9#

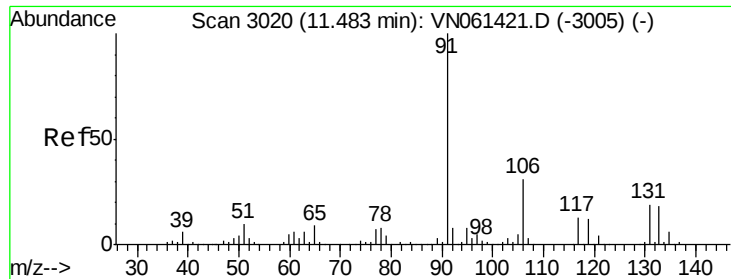


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

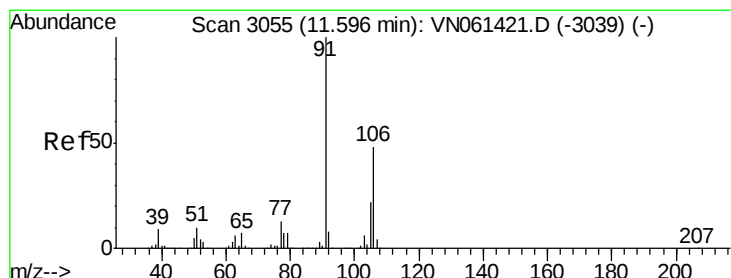
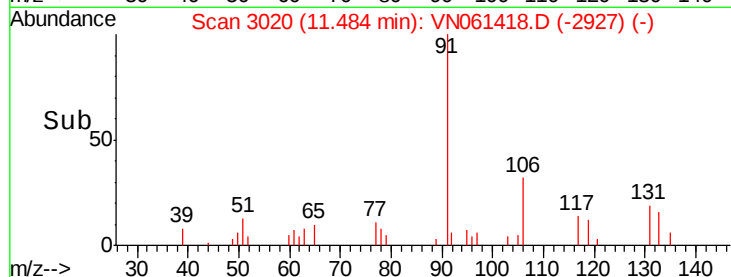
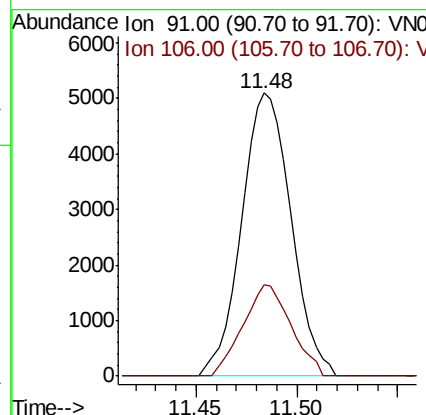
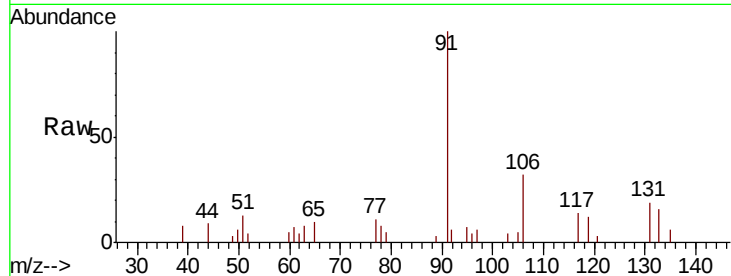




#67
Ethyl Benzene
Concen: 0.983 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

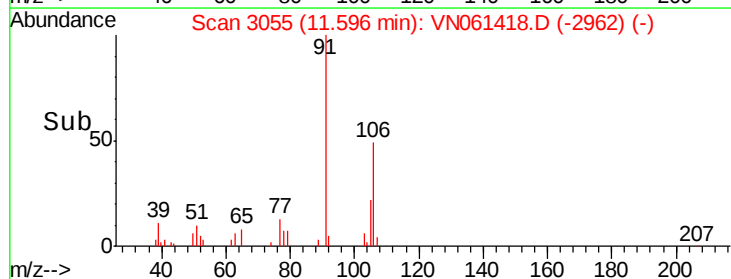
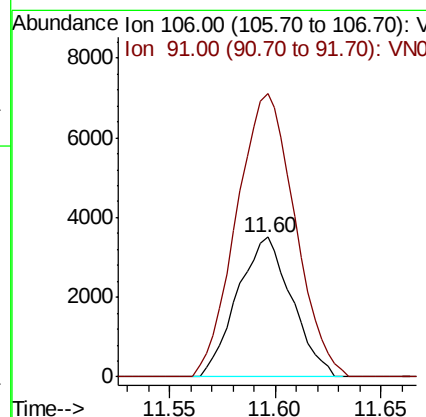
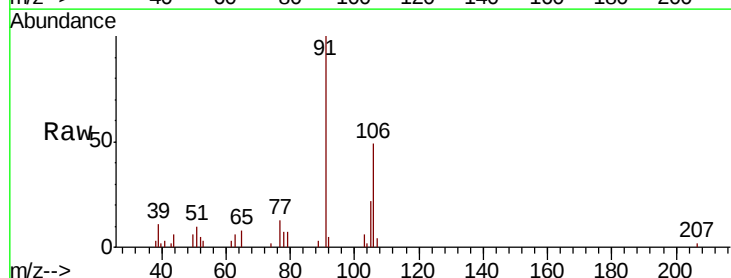
Instrument :
MSVOA_N
ClientSampled :

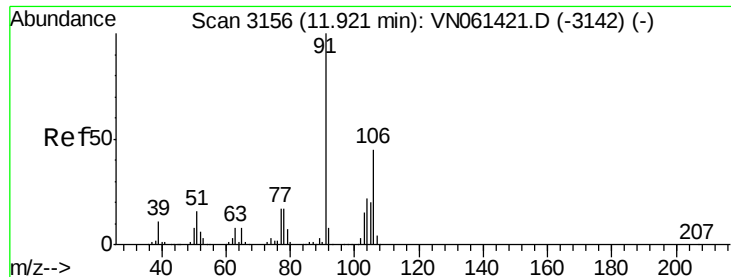
Tot Ion: 91 Resp: 8737
Ion Ratio Lower Upper
91 100
106 32.4 24.8 37.2



#68
m/p-Xylenes
Concen: 1.932 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Tgt Ion: 106 Resp: 6305
Ion Ratio Lower Upper
106 100
91 217.0 167.4 251.2

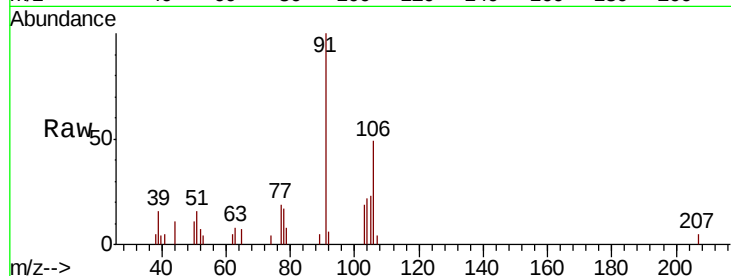




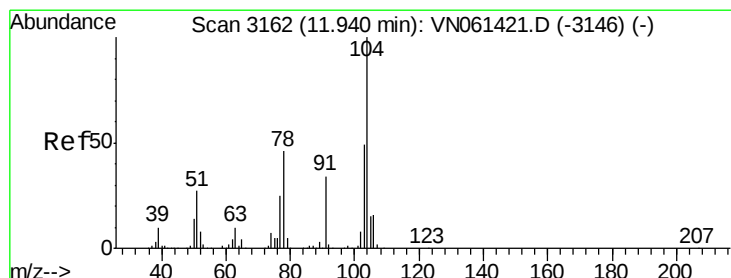
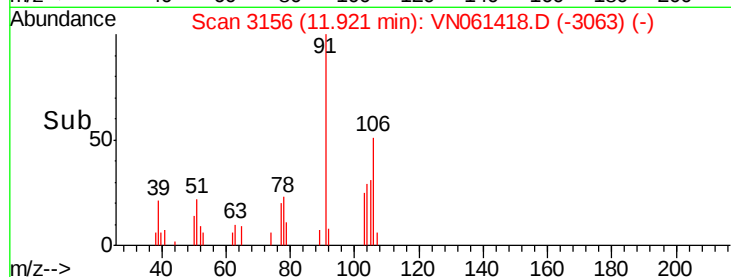
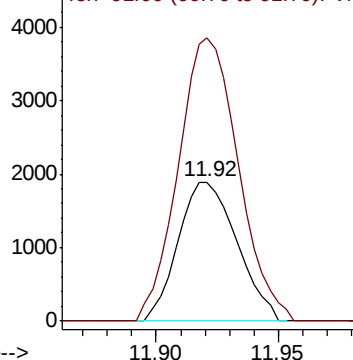
#69
o-Xylene
Concen: 1.009 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 3163
Ion Ratio Lower Upper
106 100
91 207.7 109.7 329.2

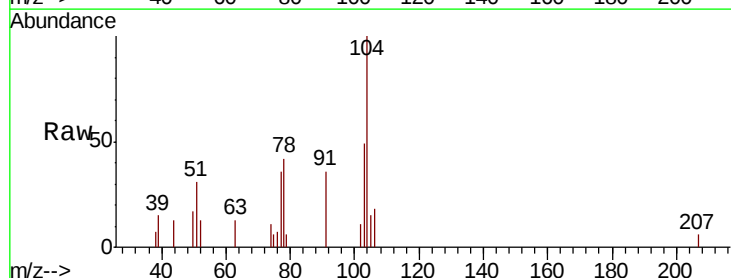


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

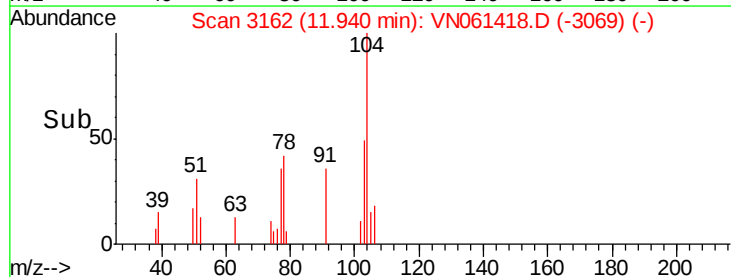
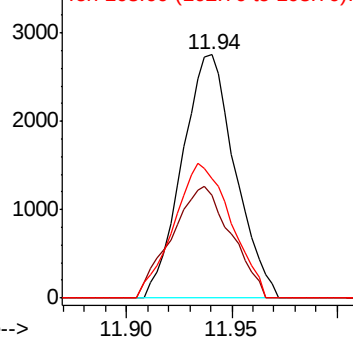


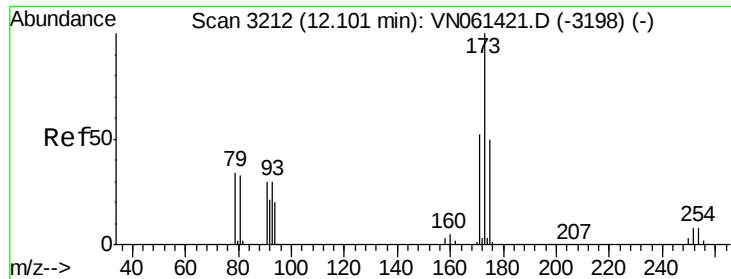
#70
Styrene
Concen: 0.912 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Tgt Ion:104 Resp: 4803
Ion Ratio Lower Upper
104 100
78 51.4 41.8 62.8
103 59.8 42.9 64.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

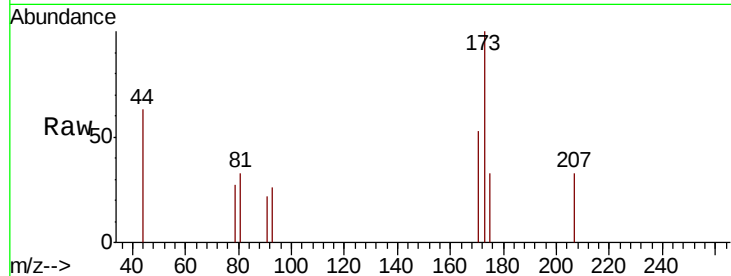




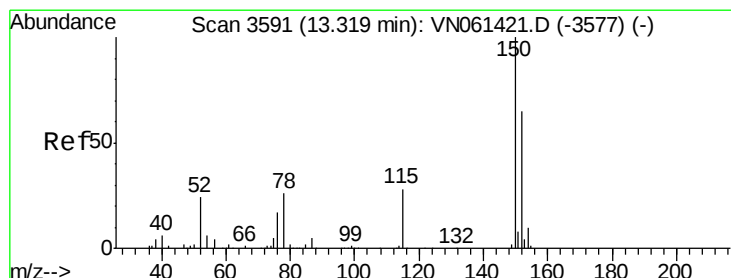
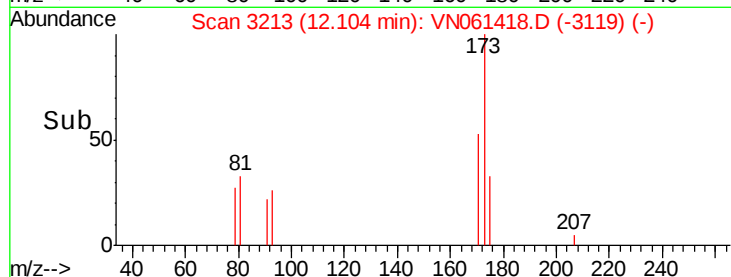
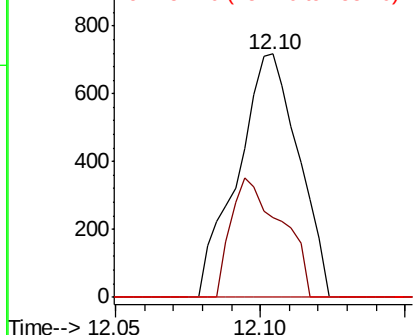
#71
Bromoform
Concen: 0.846 ug/l
RT: 12.10 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 1045
Ion Ratio Lower Upper
173 100
175 40.5 24.1 72.4
254 0.0 0.0 0.0

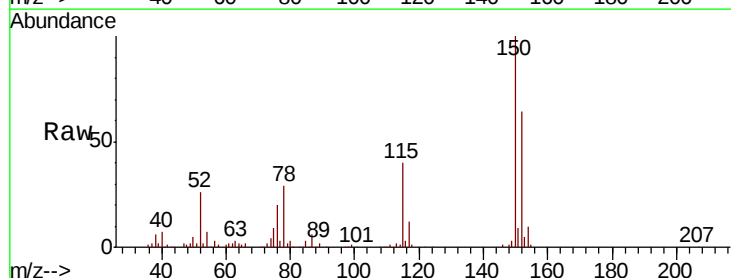


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

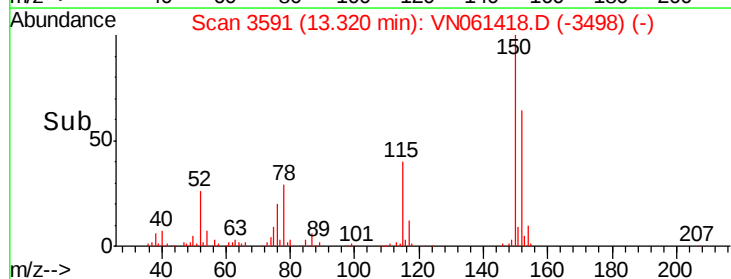
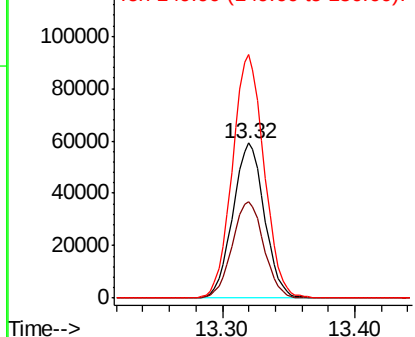


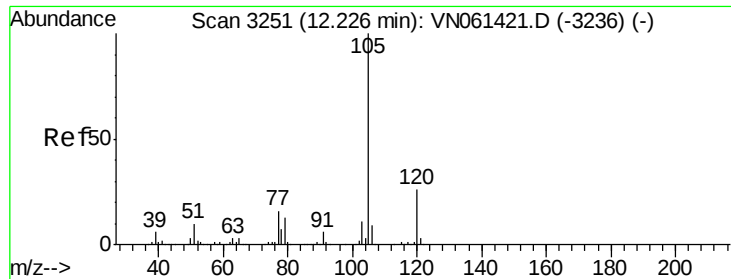
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Tgt Ion:152 Resp: 98035
Ion Ratio Lower Upper
152 100
115 62.4 30.9 92.7
150 157.6 0.0 344.4



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: 1.109 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

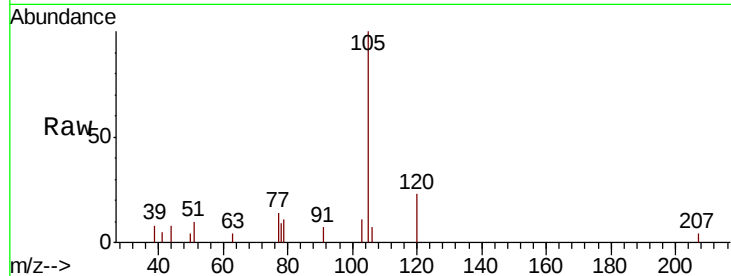
ClientSampleId :

Tot Ion:105 Resp: 8040

Ion Ratio Lower Upper

105 100

120 25.4 13.1 39.1

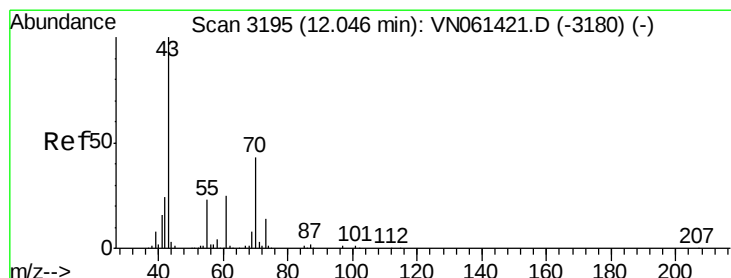
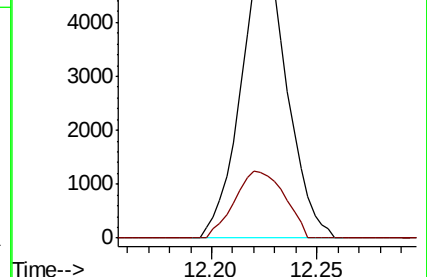
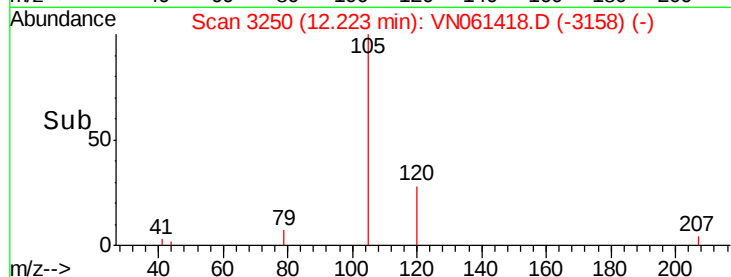


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

Time-->



#74

N-ethyl acetate

Concen: 0.870 ug/l

RT: 12.05 min Scan# 3196

Delta R.T. 0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Tgt Ion: 43 Resp: 3071

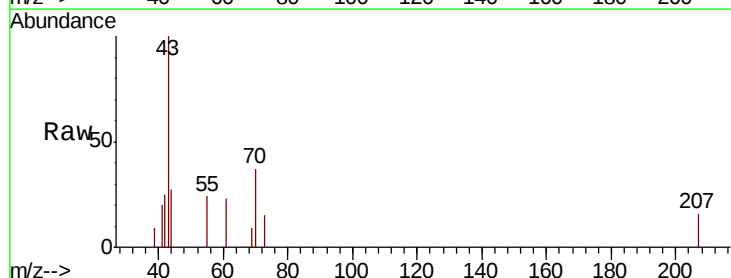
Ion Ratio Lower Upper

43 100

70 32.7 34.8 52.2#

55 27.8 19.0 28.6

61 19.3 20.0 30.0#



Abundance Ion 43.00 (42.70 to 43.70): V

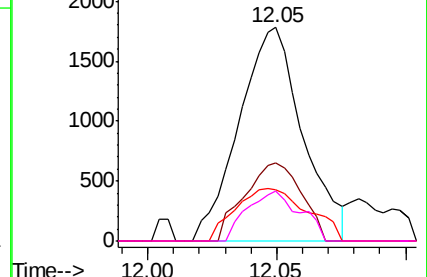
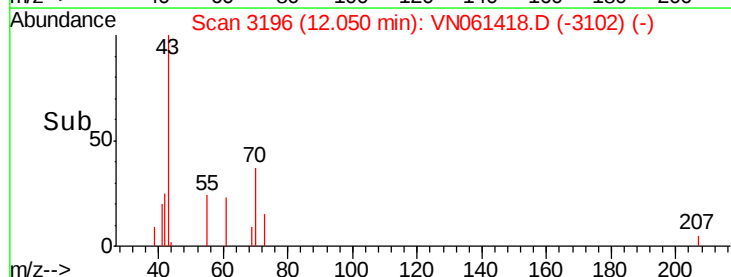
Ion 70.00 (69.70 to 70.70): V

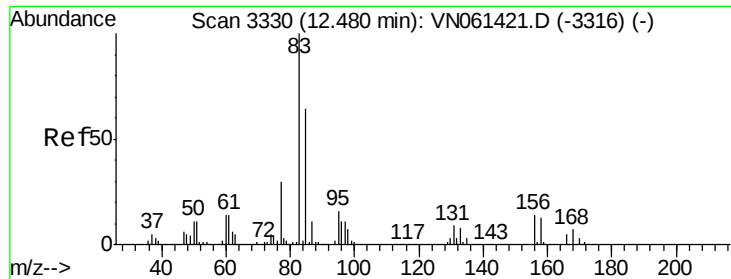
Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.05

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 1.160 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

ClientSampled :

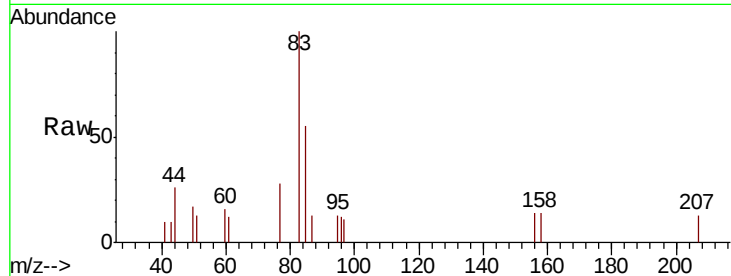
Tot Ion: 83 Resp: 2570

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.4#

85 58.3 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN061418.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN061418.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN061418.D (-3237) (-)

12.48

1500

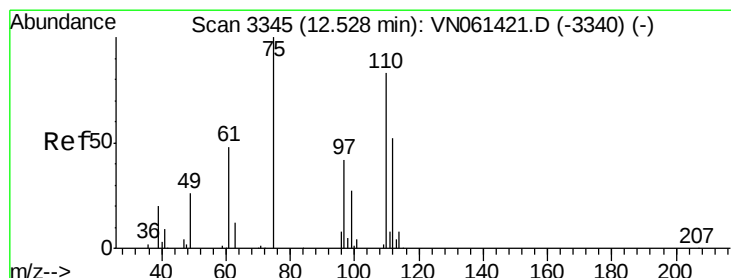
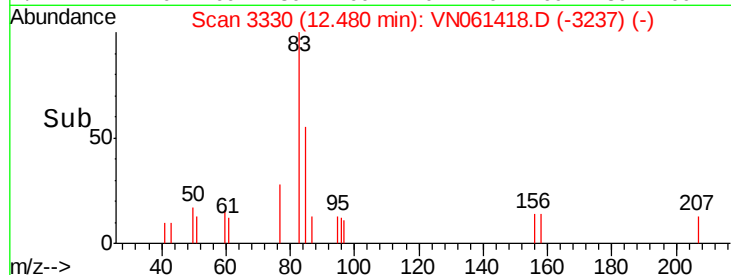
1000

500

0

12.45 12.50

Time-->



#76

1,2,3-Trichloropropane

Concen: 1.425 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061418.D

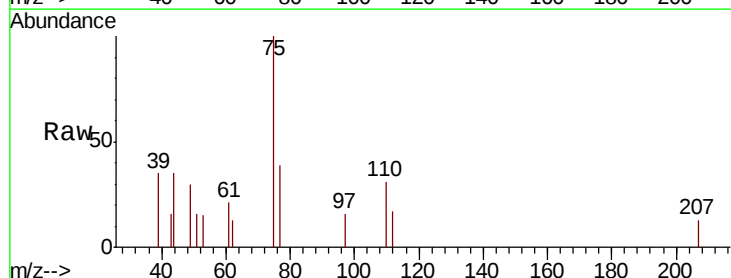
Acq: 15 May 2020 20:12

Tgt Ion: 75 Resp: 2907

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061418.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN061418.D (-3252) (-)

12.53

1500

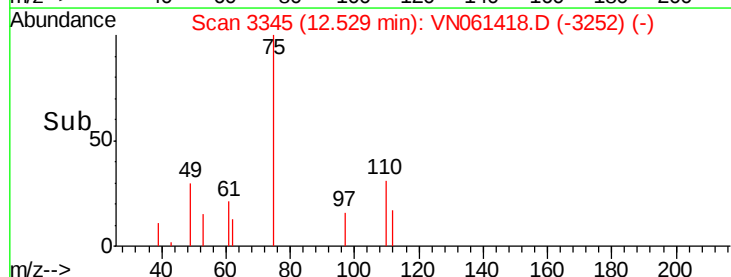
1000

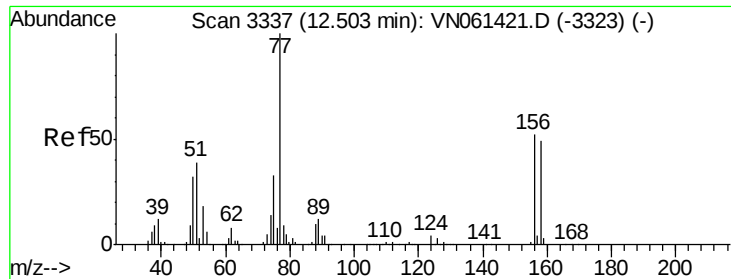
500

0

12.45 12.50 12.55

Time-->

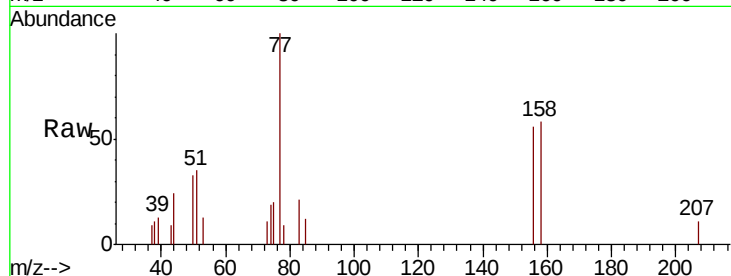




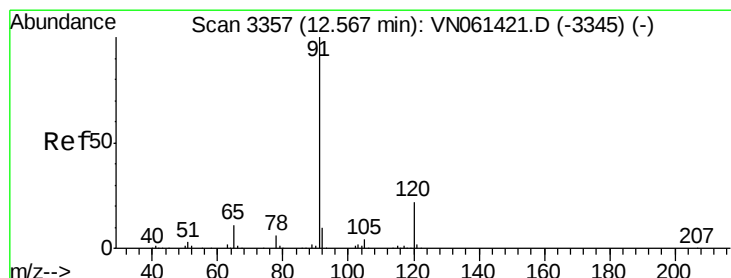
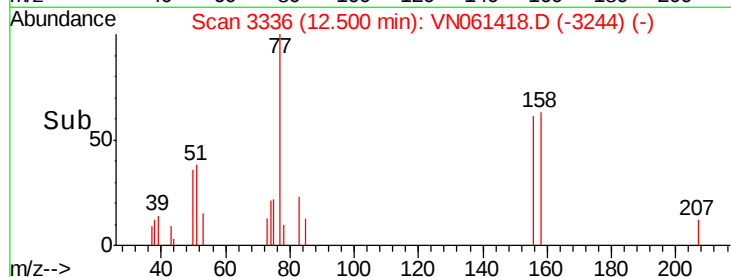
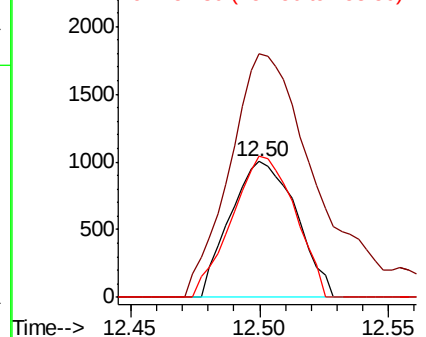
#77
Bromobenzene
Concen: 1.083 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:156 Resp: 1793
Ion Ratio Lower Upper
156 100
77 237.4 115.8 347.3
158 99.2 47.4 142.3

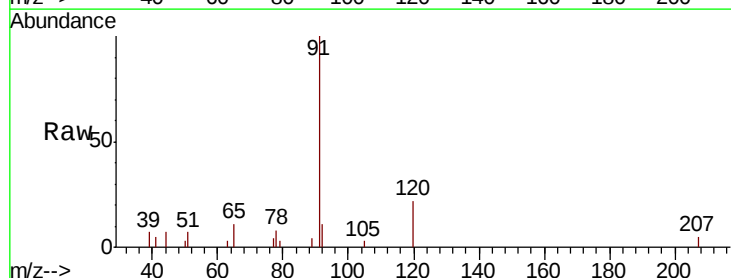


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

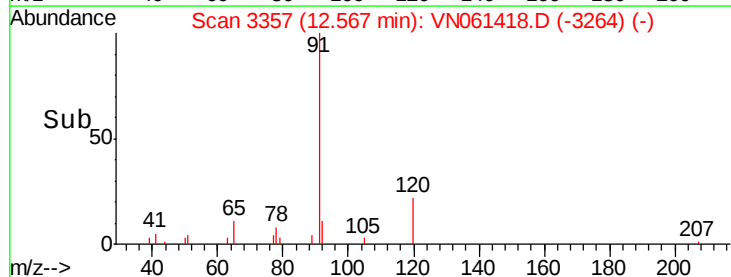
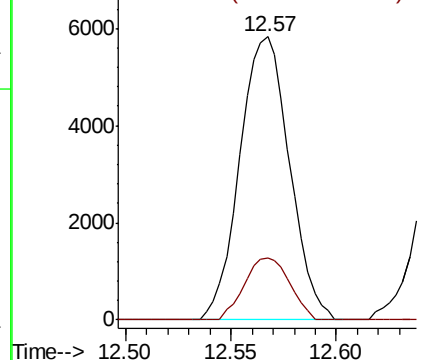


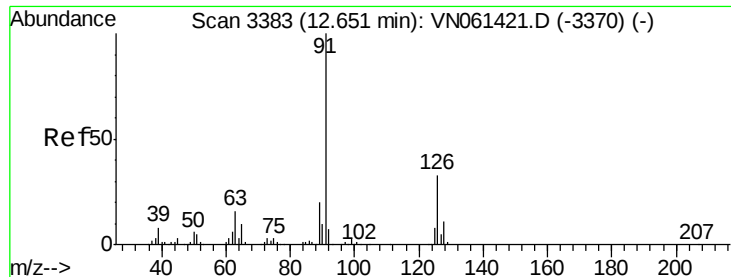
#78
n-propylbenzene
Concen: 1.115 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. 0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Tgt Ion: 91 Resp: 9555
Ion Ratio Lower Upper
91 100
120 19.8 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.152 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

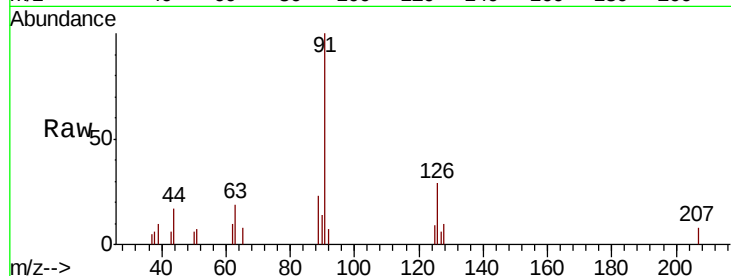
ClientSampleId :

Tot Ion: 91 Resp: 5807

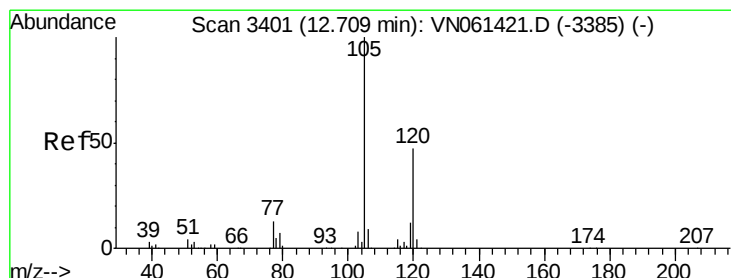
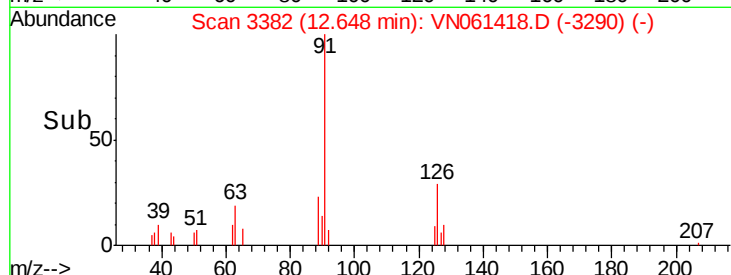
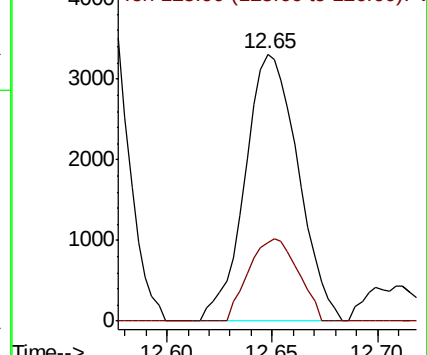
Ion Ratio Lower Upper

91 100

126 28.6 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VN061421.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.096 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061418.D

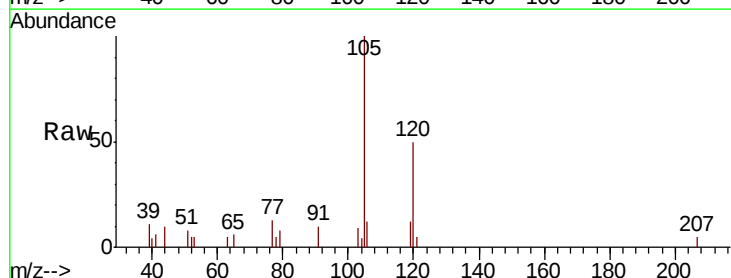
Acq: 15 May 2020 20:12

Tgt Ion:105 Resp: 6599

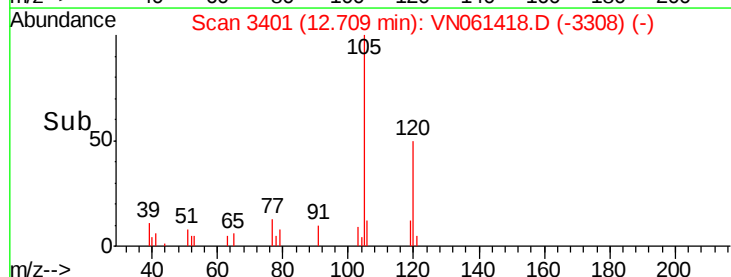
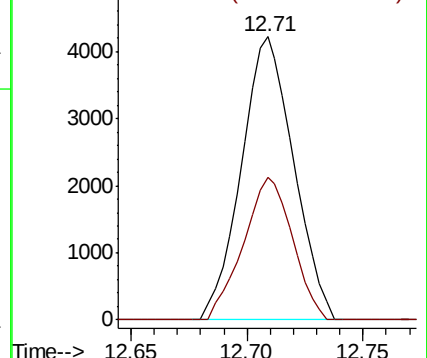
Ion Ratio Lower Upper

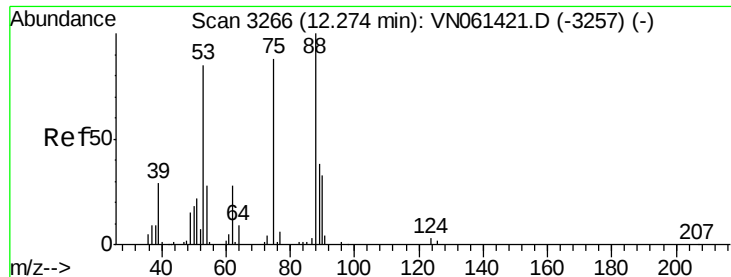
105 100

120 47.2 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): VN061421.D (-3385) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 0.795 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

ClientSampled :

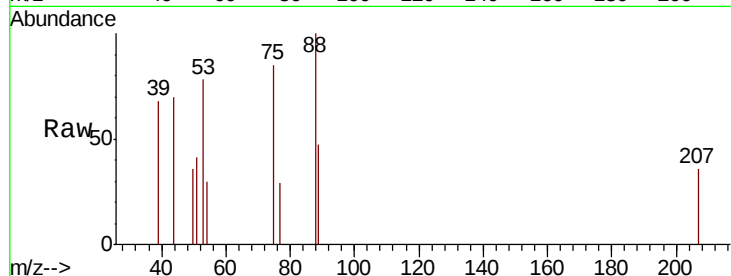
Tot Ion: 75 Resp: 636

Ion Ratio Lower Upper

75 100

53 100.9 78.1 117.1

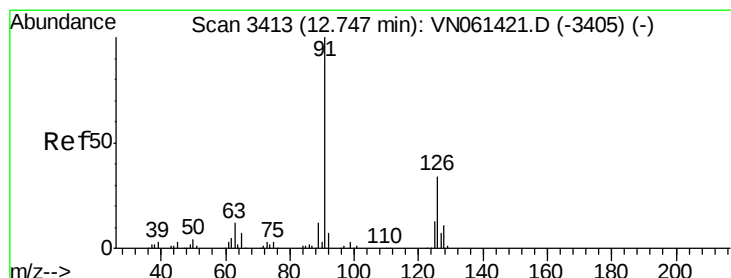
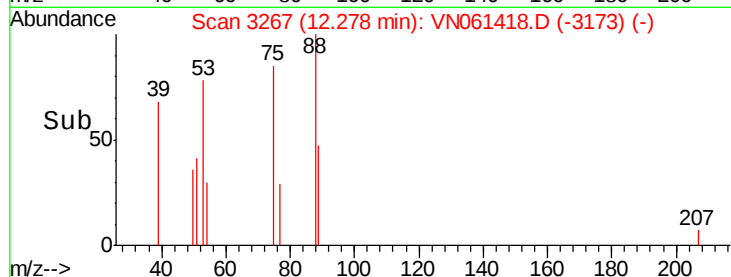
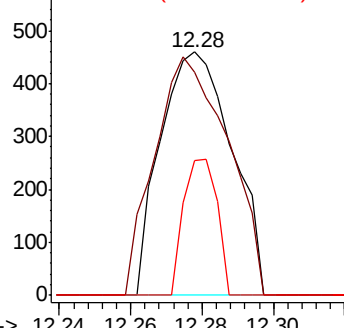
89 26.3 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 1.087 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061418.D

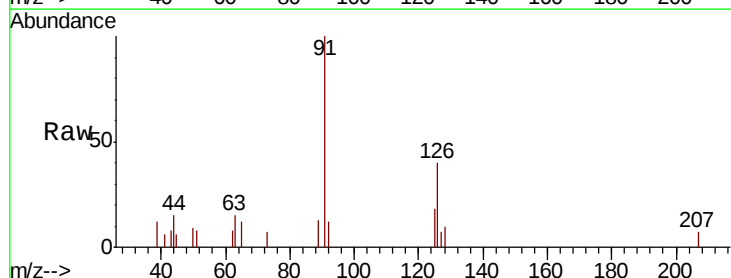
Acq: 15 May 2020 20:12

Tgt Ion: 91 Resp: 5776

Ion Ratio Lower Upper

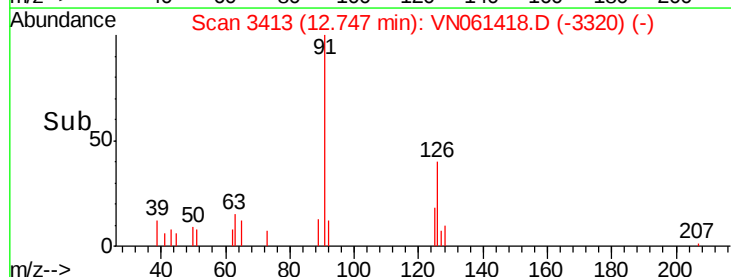
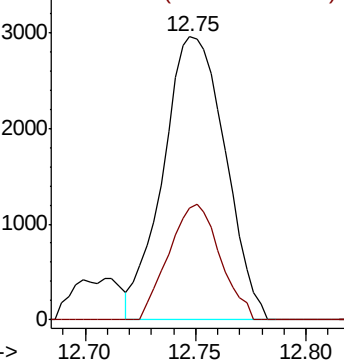
91 100

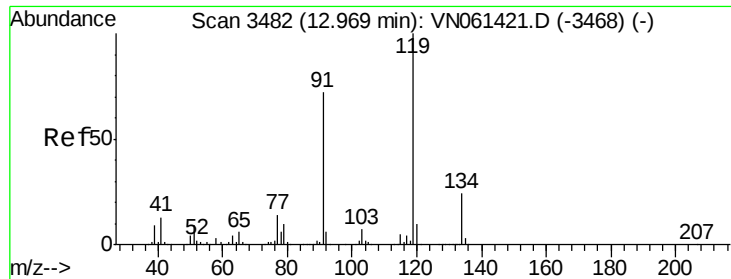
126 33.7 15.8 47.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

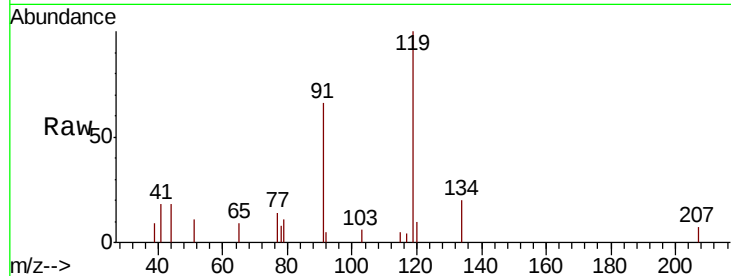




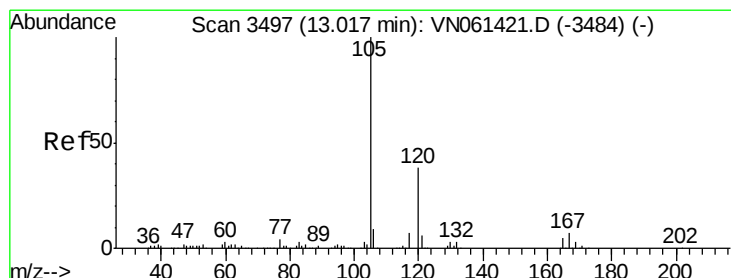
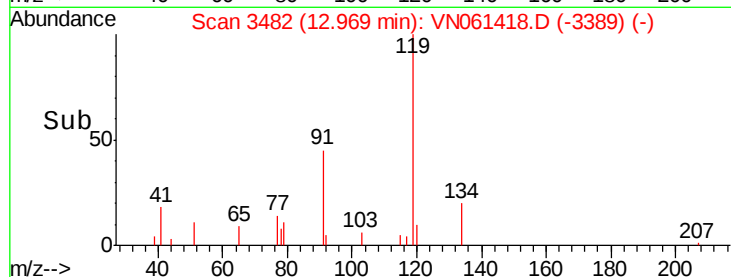
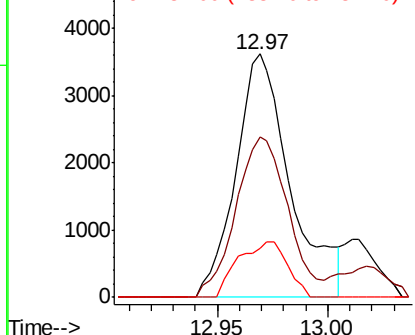
#83
tert-Butylbenzene
Concen: 1.235 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 6229
Ion Ratio Lower Upper
119 100
91 63.3 35.6 106.9
134 20.6 12.9 38.7

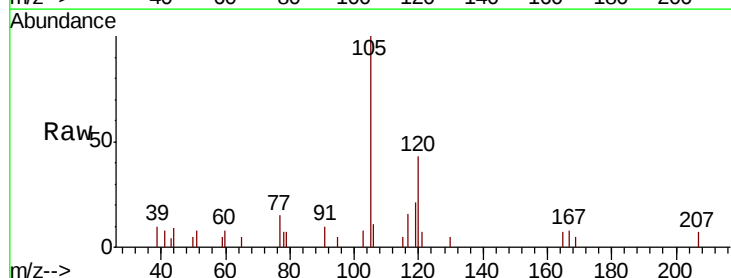


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

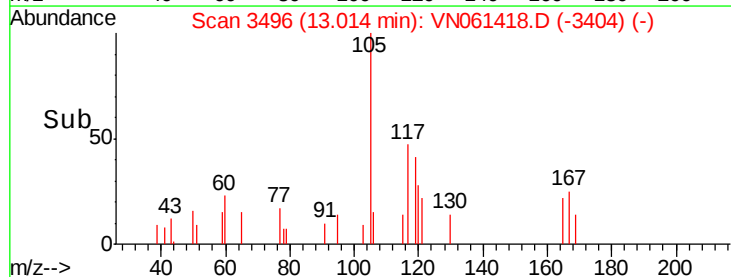
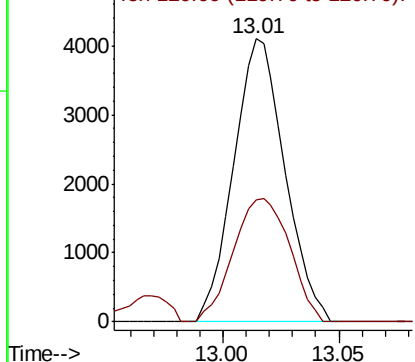


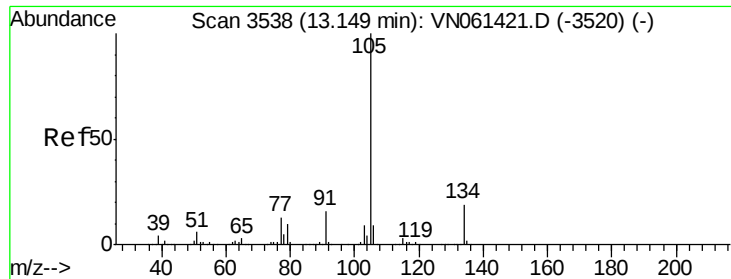
#84
1,2,4-Trimethylbenzene
Concen: 1.017 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Tgt Ion:105 Resp: 6285
Ion Ratio Lower Upper
105 100
120 48.0 22.4 67.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

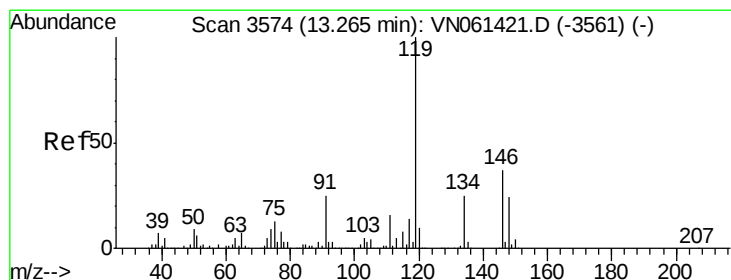
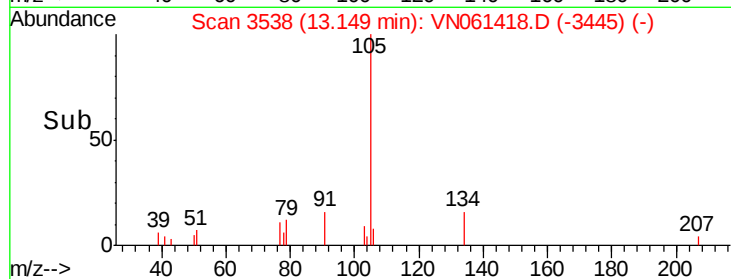
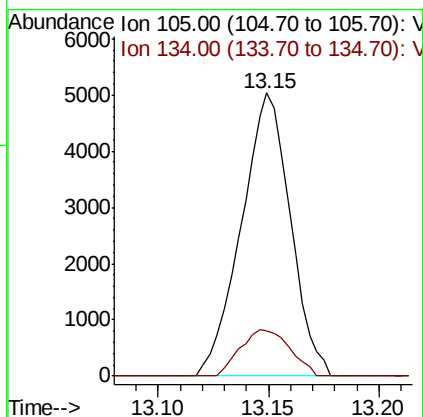
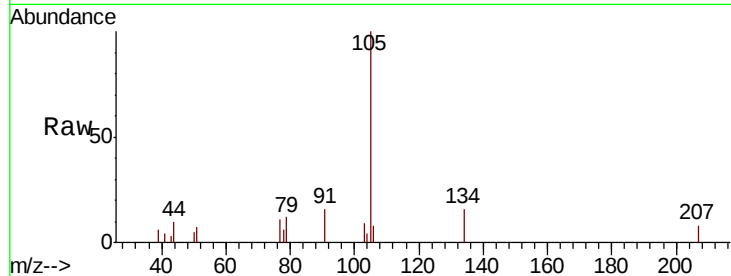




#85
 sec-Butylbenzene
 Concen: 1.126 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. 0.00 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

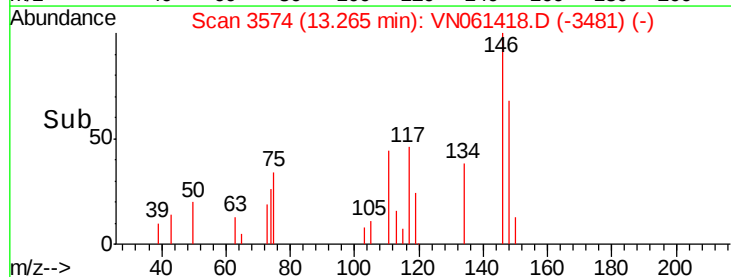
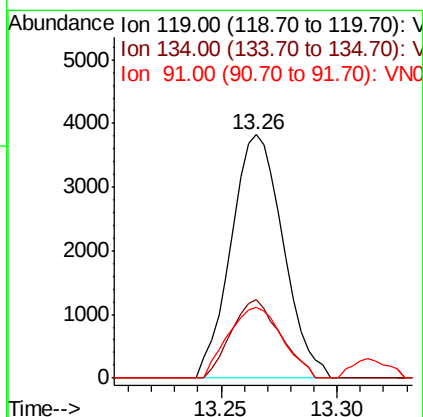
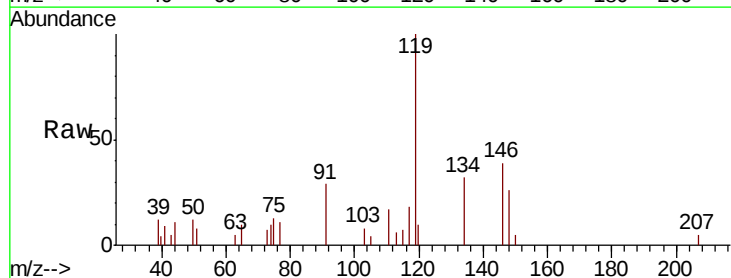
Instrument :
 MSVOA_N
 ClientSampleId :

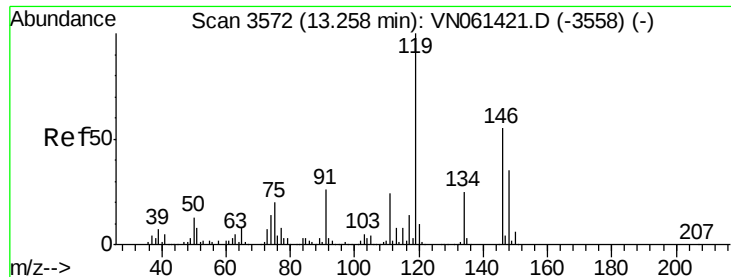
Tot Ion:105 Resp: 7766
 Ion Ratio Lower Upper
 105 100
 134 16.7 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 0.957 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

Tgt Ion:119 Resp: 5946
 Ion Ratio Lower Upper
 119 100
 134 30.3 12.8 38.4
 91 30.4 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 0.987 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VN061418.D

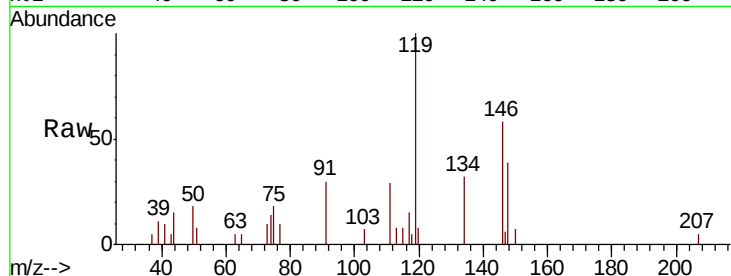
Acq: 15 May 2020 20:12

Instrument :

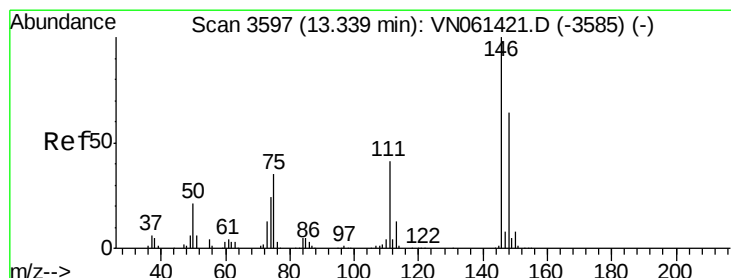
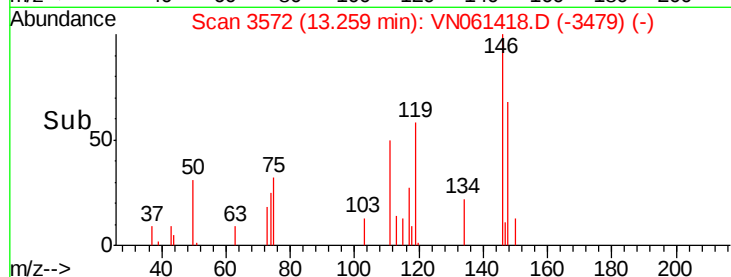
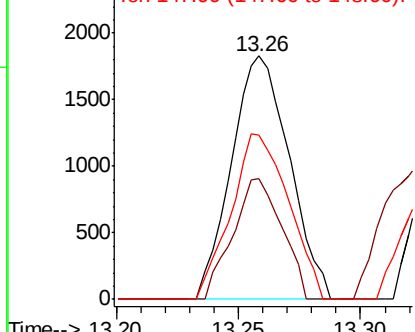
MSVOA_N

ClientSampled :

Tot Ion:146	Resp:	3015
Ion	Ratio	Lower Upper
146	100	
111	42.1	21.5 64.5
148	67.6	31.4 94.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 0.964 ug/l

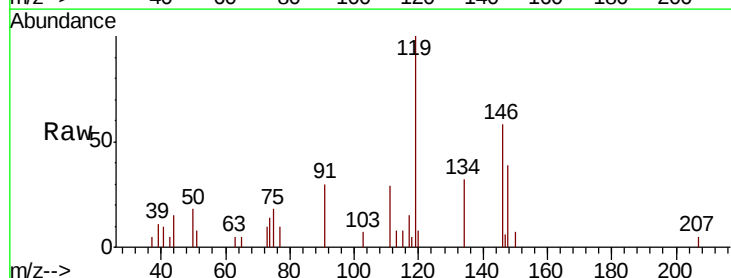
RT: 13.26 min Scan# 3572

Delta R.T. -0.08 min

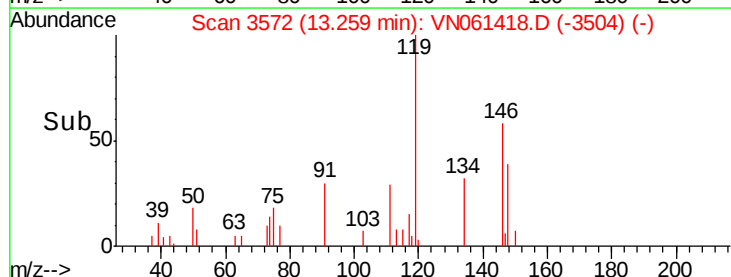
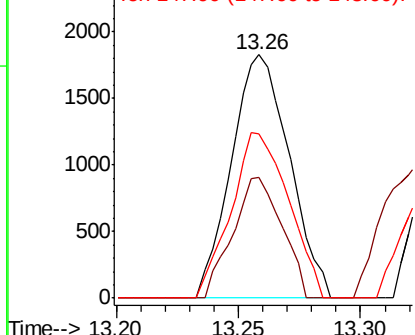
Lab File: VN061418.D

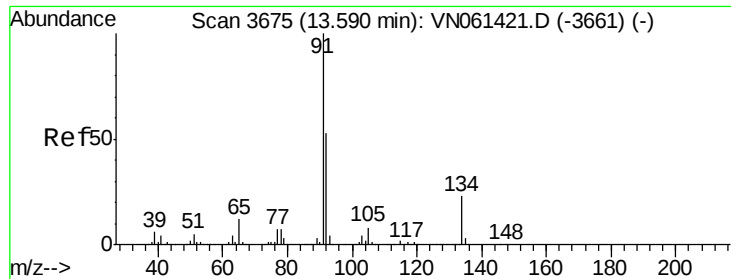
Acq: 15 May 2020 20:12

Tgt Ion:146	Resp:	3015
Ion	Ratio	Lower Upper
146	100	
111	42.1	20.9 62.7
148	67.6	32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

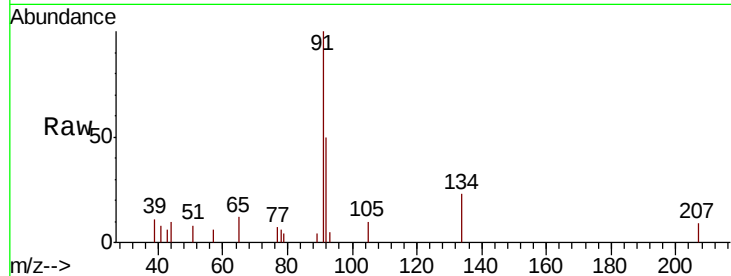




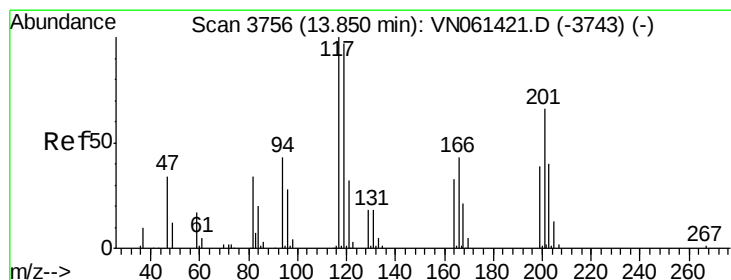
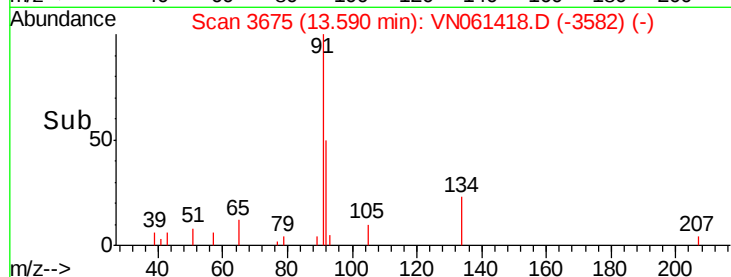
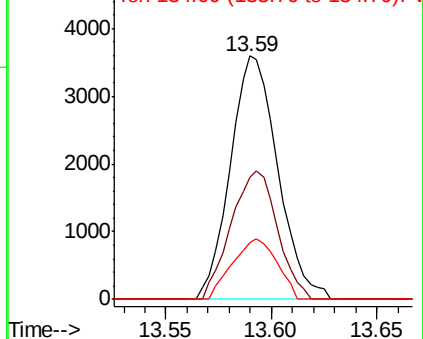
#89
n-Butylbenzene
Concen: 0.988 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 91 Resp: 5615
Ion Ratio Lower Upper
91 100
92 51.5 26.8 80.3
134 23.3 11.9 35.5

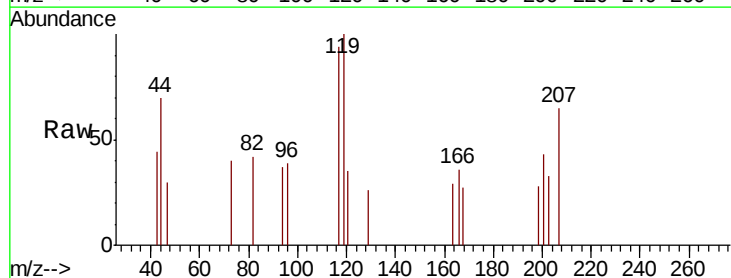


Abundance Ion 91.00 (90.70 to 91.70): VN061421.D (-3661) (-)
Ion 92.00 (91.70 to 92.70): VN061421.D (-3661) (-)
Ion 134.00 (133.70 to 134.70): VN061421.D (-3661) (-)

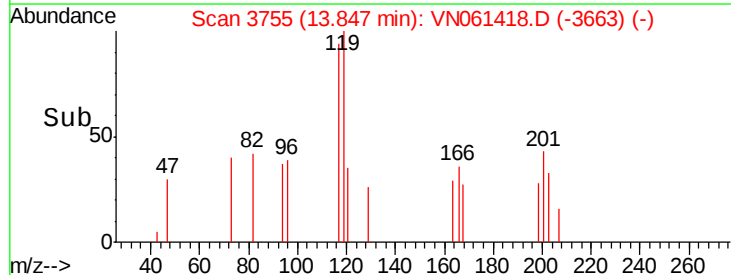
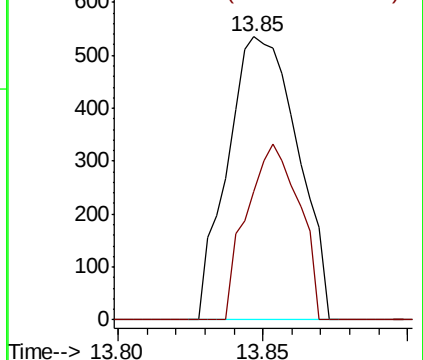


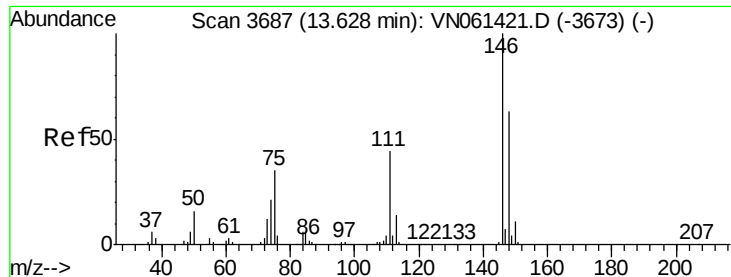
#90
Hexachloroethane
Concen: 1.467 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Tgt Ion: 117 Resp: 897
Ion Ratio Lower Upper
117 100
201 46.5 32.2 96.6



Abundance Ion 116.80 (116.50 to 117.50): VN061421.D (-3743) (-)
Ion 200.70 (200.40 to 201.40): VN061421.D (-3743) (-)

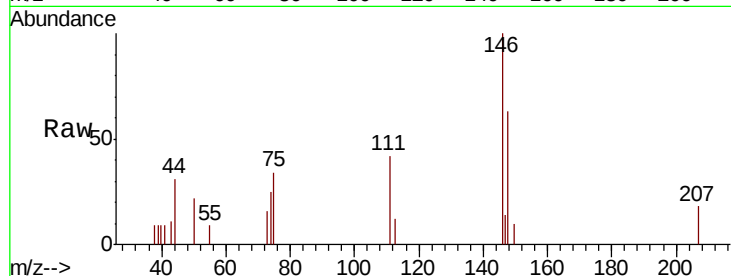




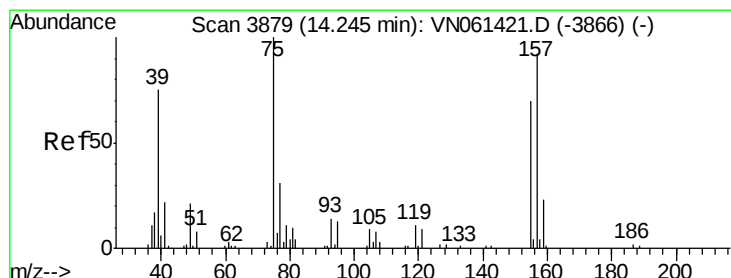
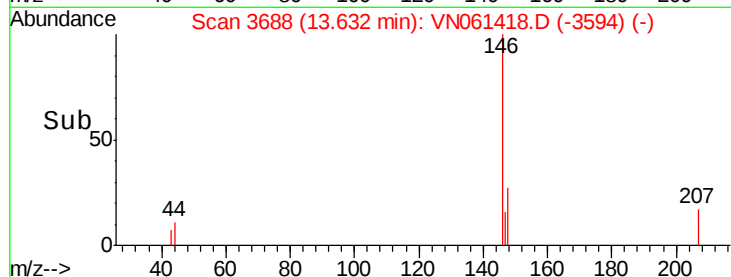
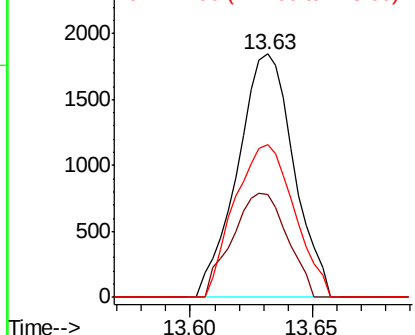
#91
 1,2-Dichlorobenzene
 Concen: 1.005 ug/l
 RT: 13.63 min Scan# 3688
 Delta R.T. 0.00 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:146 Resp: 2948
 Ion Ratio Lower Upper
 146 100
 111 42.2 22.3 66.8
 148 66.9 32.3 96.8

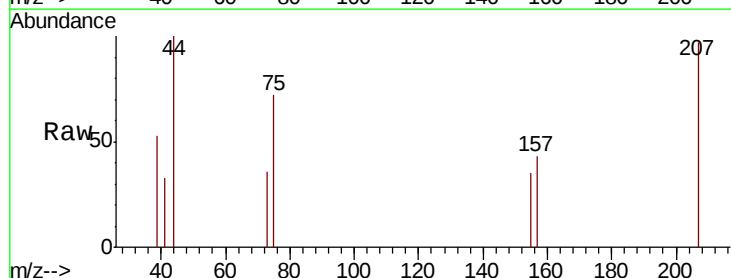


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

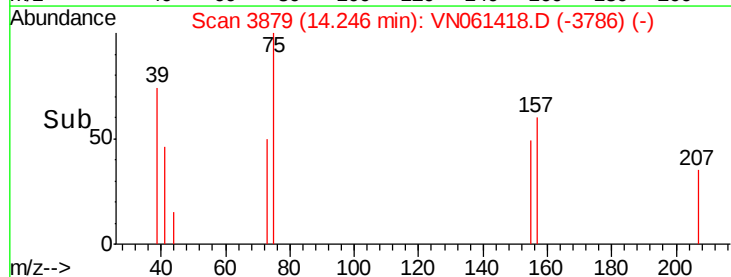
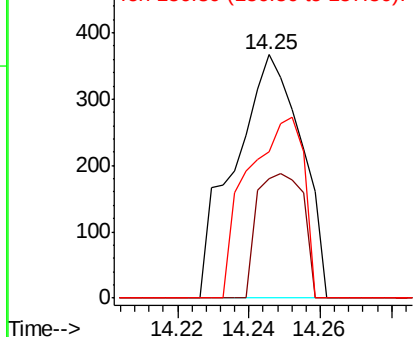


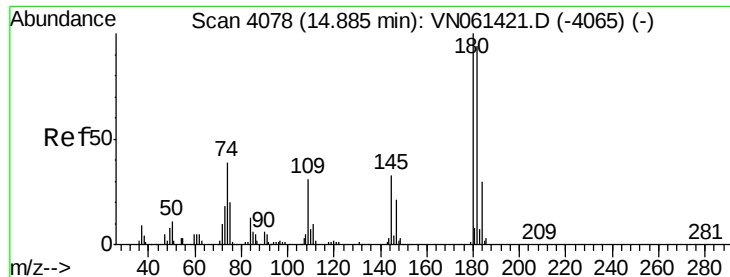
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.024 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

Tgt Ion: 75 Resp: 474
 Ion Ratio Lower Upper
 75 100
 155 35.2 35.2 105.6
 157 62.4 45.8 137.3



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

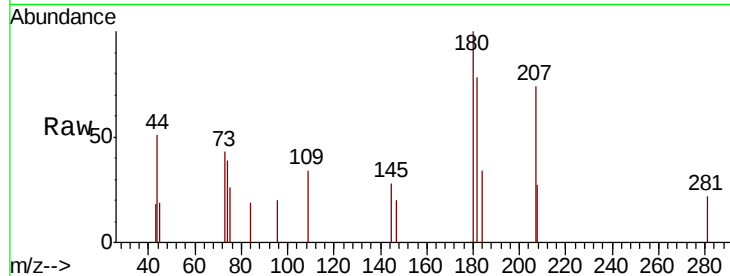




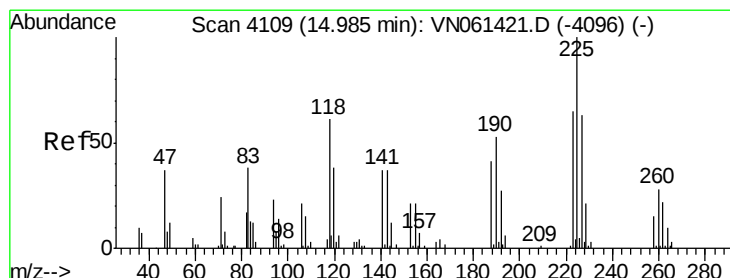
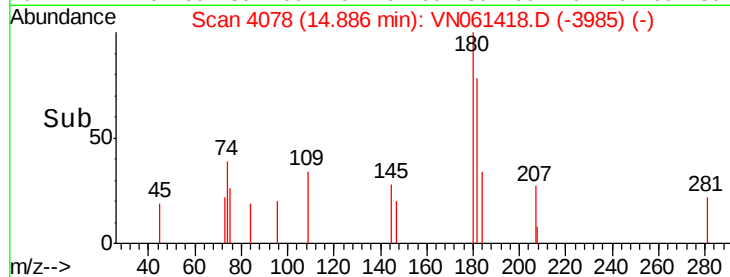
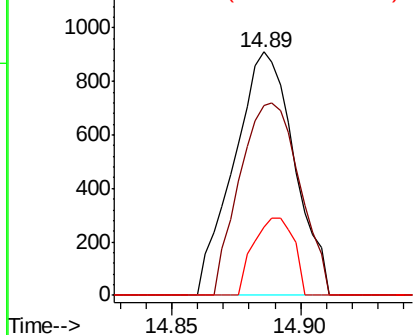
#93
 1,2,4-Trichlorobenzene
 Concen: 0.846 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 1485
 Ion Ratio Lower Upper
 180 100
 182 78.3 47.3 142.0
 145 21.3 16.3 48.9

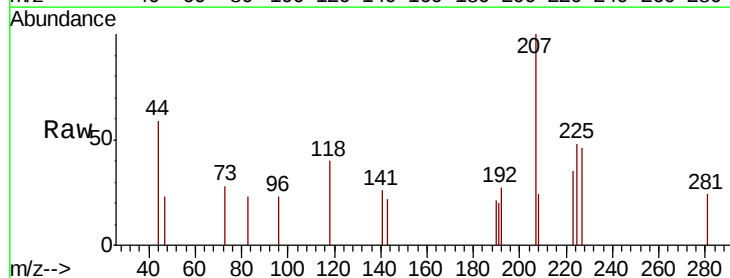


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

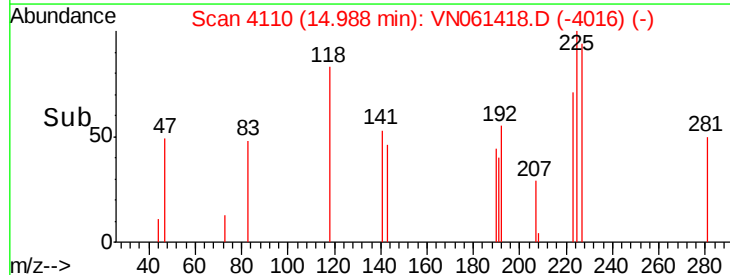
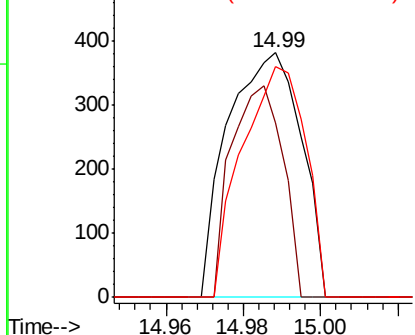


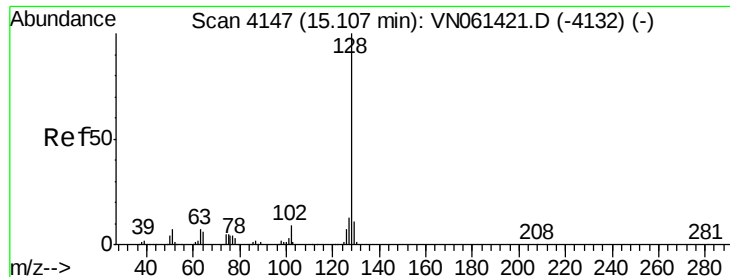
#94
 Hexachlorobutadiene
 Concen: 0.694 ug/l
 RT: 14.99 min Scan# 4110
 Delta R.T. 0.00 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

Tgt Ion:225 Resp: 504
 Ion Ratio Lower Upper
 225 100
 223 60.3 32.1 96.3
 227 81.3 31.4 94.2



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: 0.821 ug/l

RT: 15.11 min Scan# 4148

Delta R.T. 0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

ClientSampleId :

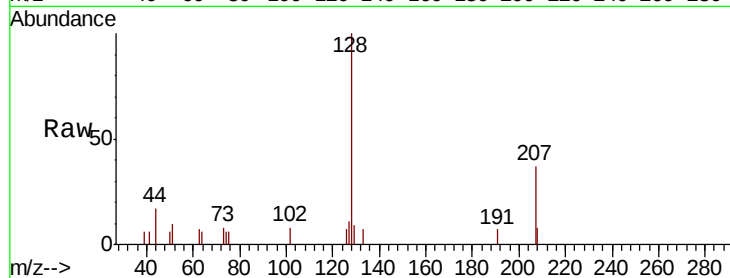
Tot Ion:128 Resp: 4687

Ion Ratio Lower Upper

128 100

127 10.7 10.3 15.5

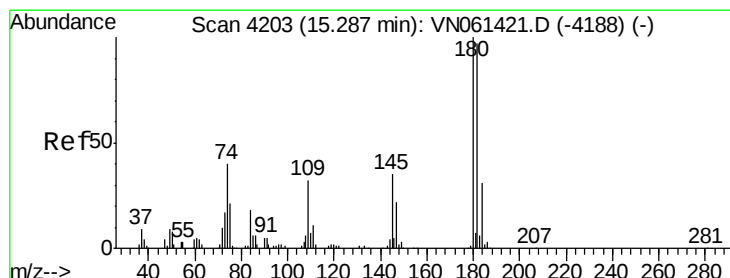
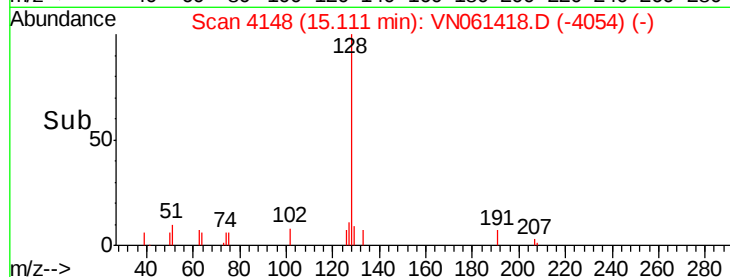
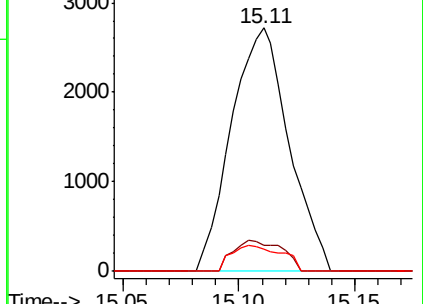
129 9.3 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.952 ug/l

RT: 15.29 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

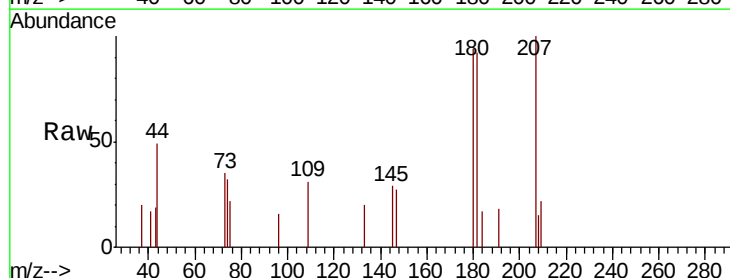
Tgt Ion:180 Resp: 1649

Ion Ratio Lower Upper

180 100

182 90.5 48.0 144.2

145 22.1 17.6 52.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

