

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061065.D
 Acq On : 17 Apr 2020 20:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 20 01:36:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	154868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	264290	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	243798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	114773	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	98889	49.91	ug/l	0.00
Spiked Amount			Recovery	=	99.82%	
35) Dibromofluoromethane	7.56	113	78731	51.01	ug/l	0.00
Spiked Amount			Recovery	=	102.02%	
50) Toluene-d8	10.08	98	283014	48.53	ug/l	0.00
Spiked Amount			Recovery	=	97.06%	
62) 4-Bromofluorobenzene	12.39	95	113035	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	105996	51.769	ug/l	100
3) Chloromethane	2.04	50	141372	51.469	ug/l	100
4) Vinyl Chloride	2.17	62	119888	52.523	ug/l	99
5) Bromomethane	2.54	94	56926	49.731	ug/l	96
6) Chloroethane	2.68	64	70587	53.608	ug/l	100
7) Trichlorofluoromethane	3.00	101	150066	52.808	ug/l	100
8) Diethyl Ether	3.38	74	59121	52.345	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	83459	50.058	ug/l	99
10) Methyl Iodide	3.93	142	85659	58.238	ug/l	99
11) Tert butyl alcohol	4.72	59	94811	269.687	ug/l	99
12) 1,1-Dichloroethene	3.72	96	87844	51.833	ug/l	99
13) Acrolein	3.57	56	70244	236.642	ug/l	99
14) Allyl chloride	4.29	41	157161	49.012	ug/l	100
15) Acrylonitrile	4.94	53	266024	279.083	ug/l	98
16) Acetone	3.78	43	216882	248.680	ug/l	99
17) Carbon Disulfide	4.03	76	265289	50.025	ug/l	99
18) Methyl Acetate	4.28	43	153129	55.993	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	305122	51.634	ug/l	99
20) Methylene Chloride	4.52	84	97404	51.153	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	93702	51.694	ug/l	97
22) Diisopropyl ether	5.91	45	350510	52.631	ug/l	99
23) Vinyl Acetate	5.86	43	1394632	267.049	ug/l	100
24) 1,1-Dichloroethane	5.82	63	184976	51.426	ug/l	100
25) 2-Butanone	6.80	43	361366	270.398	ug/l	100
26) 2,2-Dichloropropane	6.79	77	134766	44.999	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	105802	50.841	ug/l	99
28) Bromochloromethane	7.17	49	84061	50.913	ug/l	99
29) Tetrahydrofuran	7.18	42	249131	274.590	ug/l	99
30) Chloroform	7.35	83	174176	51.916	ug/l	98
31) Cyclohexane	7.63	56	179732	48.695	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	150921	52.007	ug/l	99
36) 1,1-Dichloropropene	7.77	75	137212	50.312	ug/l	99
37) Ethyl Acetate	6.89	43	155458	52.496	ug/l	100
38) Carbon Tetrachloride	7.75	117	120200	52.950	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	163265	50.073	ug/l	99
40) Benzene	8.02	78	408467	50.485	ug/l	100
41) Methacrylonitrile	7.18	41	220156	178.239	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	141799	51.448	ug/l	100
43) Isopropyl Acetate	8.14	43	253576	52.650	ug/l	100
44) Trichloroethene	8.81	130	101384	49.870	ug/l	99
45) 1,2-Dichloropropane	9.10	63	111316	50.938	ug/l	98
46) Dibromomethane	9.19	93	66133	52.487	ug/l	99
47) Bromodichloromethane	9.38	83	139043	52.237	ug/l	100
48) Methyl methacrylate	9.18	41	114273	53.689	ug/l	99
49) 1,4-Dioxane	9.18	88	30029	1015.877	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	762074	274.482	ug/l	100
52) Toluene	10.14	92	244638	50.402	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	158800	51.361	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	169313	50.189	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	95106	51.777	ug/l	98
56) Ethyl methacrylate	10.42	69	158647	54.926	ug/l	99
57) 1,3-Dichloropropane	10.70	76	167772	51.207	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	360159	274.412	ug/l	99
59) 2-Hexanone	10.74	43	554827	277.096	ug/l	100
60) Dibromochloromethane	10.89	129	100225	53.117	ug/l	100
61) 1,2-Dibromoethane	10.99	107	98472	52.611	ug/l	98
64) Tetrachloroethene	10.62	164	93902	50.334	ug/l	99
65) Chlorobenzene	11.43	112	247851	49.246	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	91067	50.576	ug/l	99
67) Ethyl Benzene	11.50	91	473308	49.995	ug/l	99
68) m/p-Xylenes	11.61	106	345536	100.993	ug/l	100
69) o-Xylene	11.94	106	165862	50.420	ug/l	100
70) Styrene	11.96	104	278287	52.547	ug/l	100
71) Bromoform	12.12	173	71391	53.116	ug/l #	99
73) Isopropylbenzene	12.24	105	446716	48.582	ug/l	100
74) N-amyl acetate	12.06	43	218499	51.099	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	143904	51.269	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	192042	76.070	ug/l #	100
77) Bromobenzene	12.52	156	104342	48.602	ug/l	99
78) n-propylbenzene	12.58	91	535684	49.794	ug/l	100
79) 2-Chlorotoluene	12.67	91	310110	49.149	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	377535	49.673	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	50016	48.868	ug/l	98
82) 4-Chlorotoluene	12.77	91	324755	49.627	ug/l	99
83) tert-Butylbenzene	12.99	119	316371	49.496	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	378555	50.388	ug/l	99
85) sec-Butylbenzene	13.17	105	429407	49.582	ug/l	100
86) p-Isopropyltoluene	13.28	119	379757	49.243	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	187365	48.971	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	186914	48.560	ug/l	100
89) n-Butylbenzene	13.61	91	357477	49.847	ug/l	100
90) Hexachloroethane	13.87	117	58623	49.546	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	181474	49.696	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	29660	54.600	ug/l	99

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QLast Update : Fri Apr 17 03:49:39 2020
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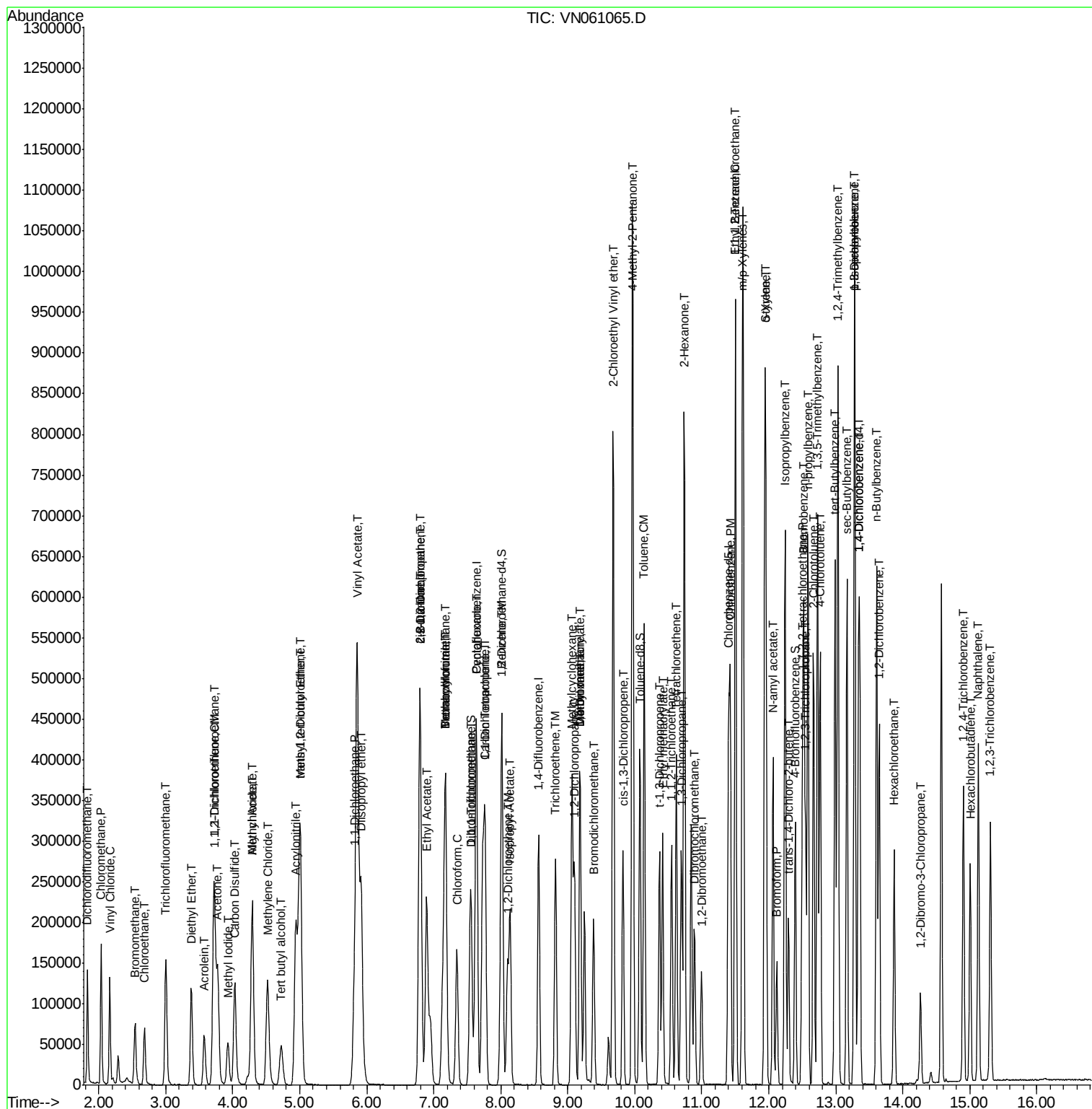
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	112080	51.856	ug/l	100
94) Hexachlorobutadiene	15.00	225	51665	46.467	ug/l	98
95) Naphthalene	15.13	128	340179	53.968	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	108435	52.060	ug/l	100

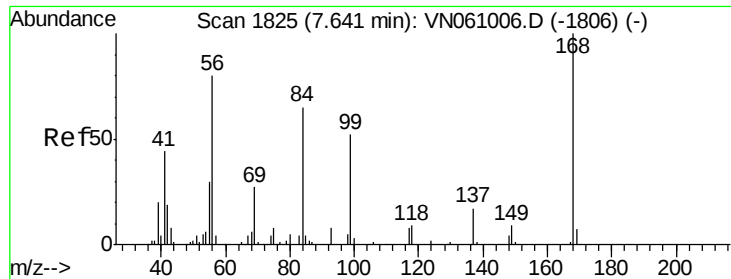
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041720\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN061065.D

Acq: 17 Apr 2020 20:41

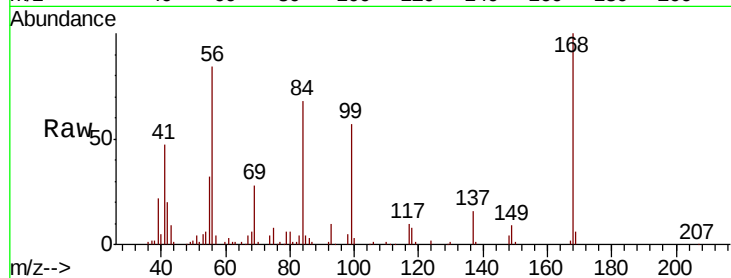
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 154868

Ion Ratio Lower Upper

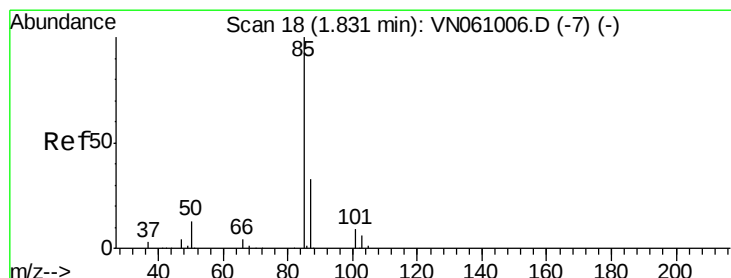
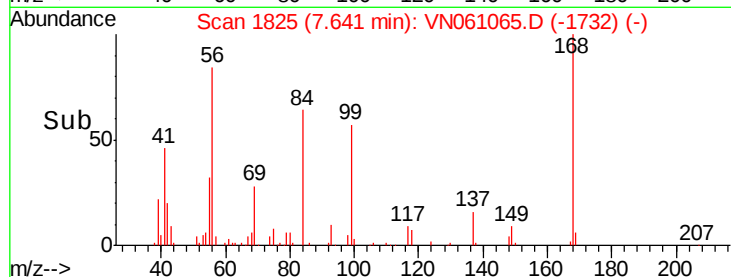
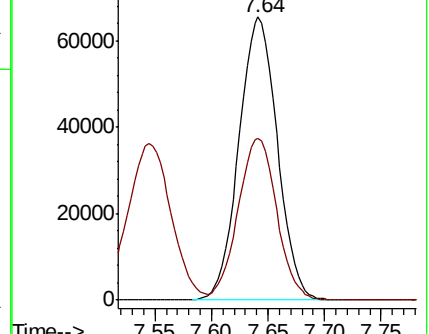
168 100

99 57.3 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 51.769 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061065.D

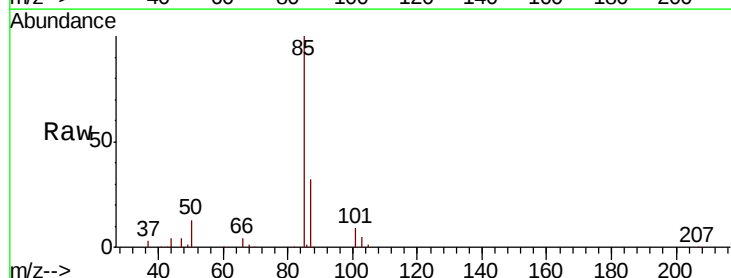
Acq: 17 Apr 2020 20:41

Tgt Ion: 85 Resp: 105996

Ion Ratio Lower Upper

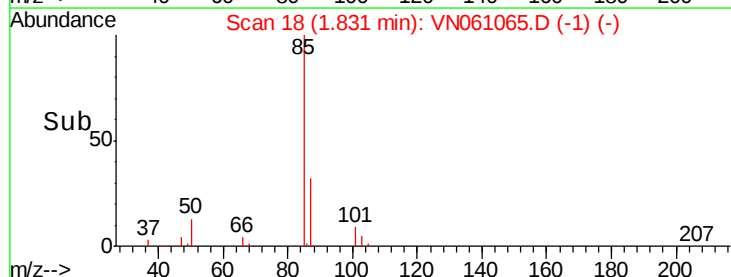
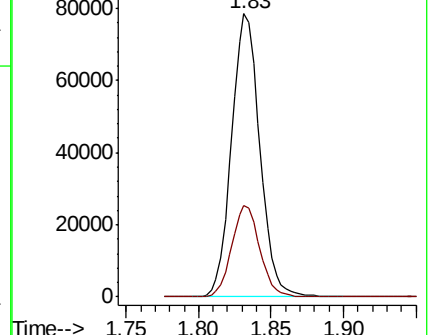
85 100

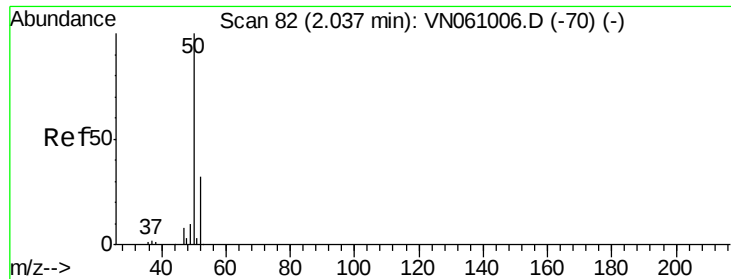
87 32.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

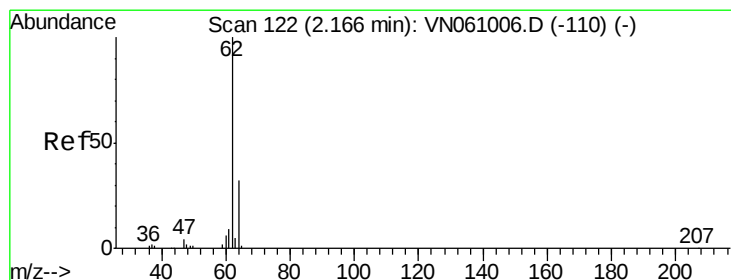
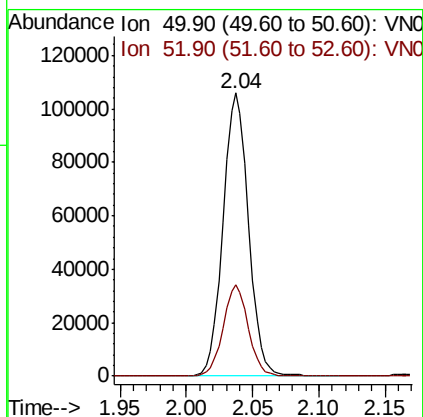
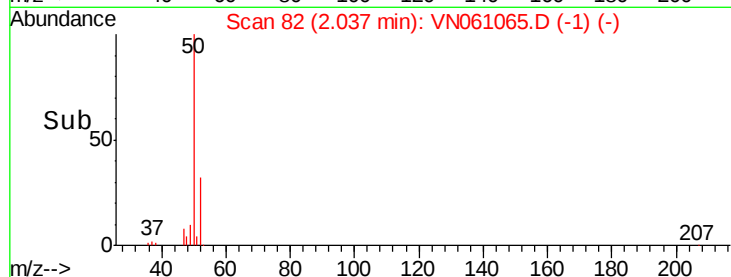
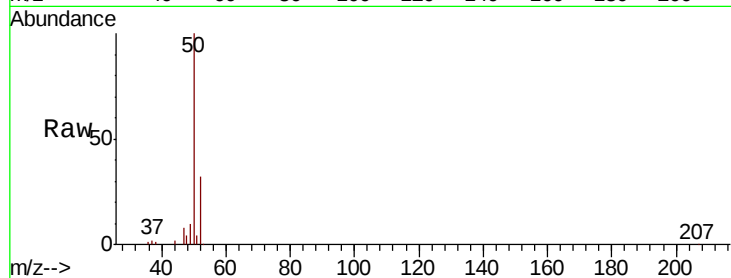




#3
Chloromethane
Concen: 51.469 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN061065.D
Acq: 17 Apr 2020 20:41

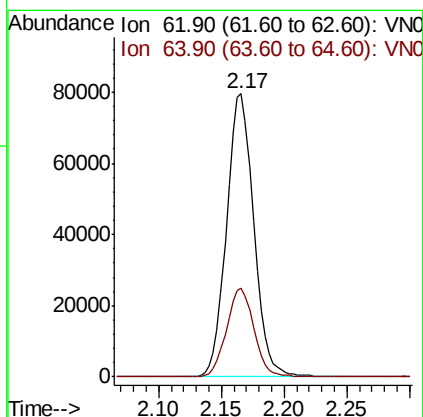
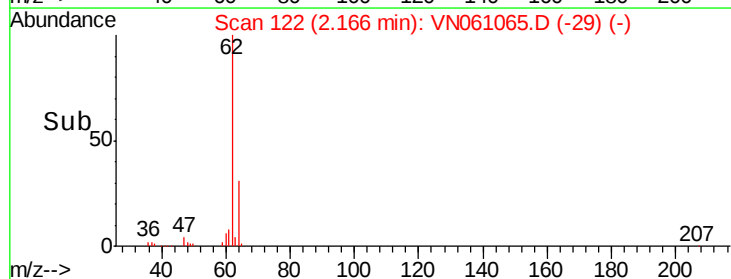
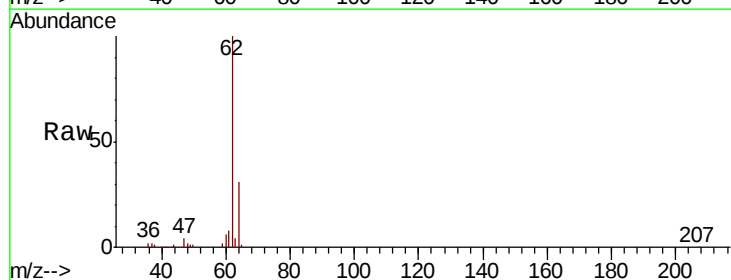
Instrument :
MSVOA_N
ClientSampled :

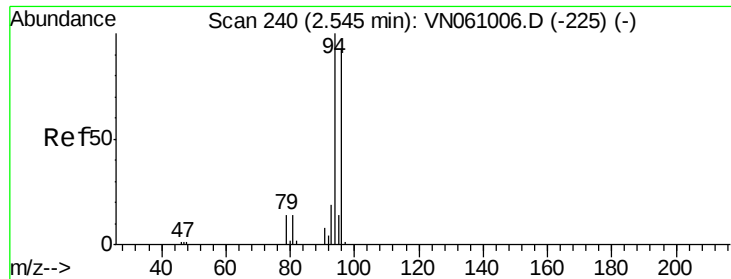
Tot Ion: 50 Resp: 141372
Ion Ratio Lower Upper
50 100
52 32.1 25.6 38.4



#4
Vinyl Chloride
Concen: 52.523 ug/l
RT: 2.17 min Scan# 122
Delta R.T. 0.00 min
Lab File: VN061065.D
Acq: 17 Apr 2020 20:41

Tgt Ion: 62 Resp: 119888
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.0





#5

Bromomethane

Concen: 49.731 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.00 min

Lab File: VN061065.D

Acq: 17 Apr 2020 20:41

Instrument :

MSVOA_N

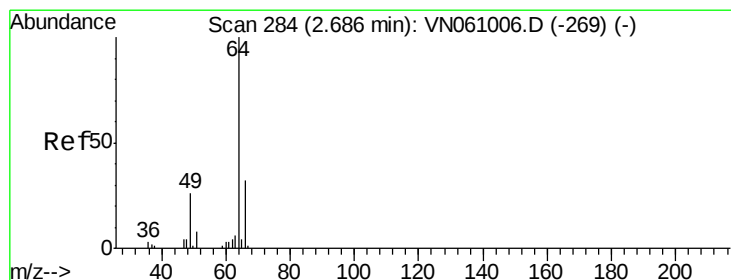
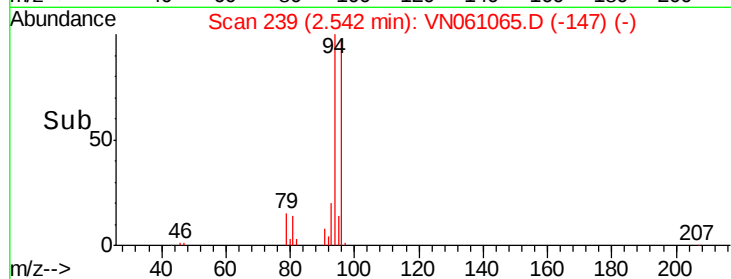
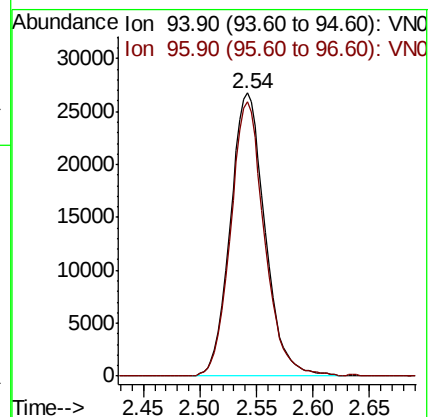
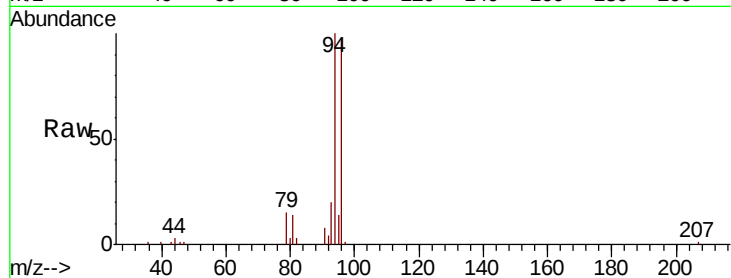
ClientSampled :

Tot Ion: 94 Resp: 56926

Ion Ratio Lower Upper

94 100

96 96.9 74.3 111.5



#6

Chloroethane

Concen: 53.608 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN061065.D

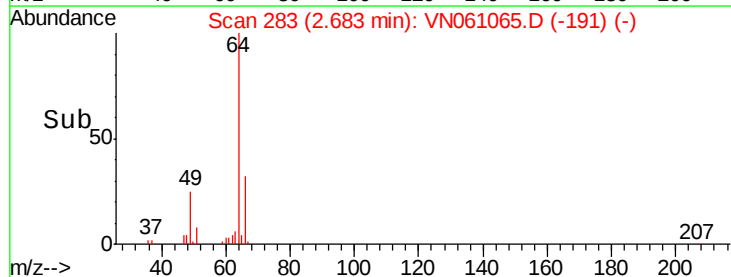
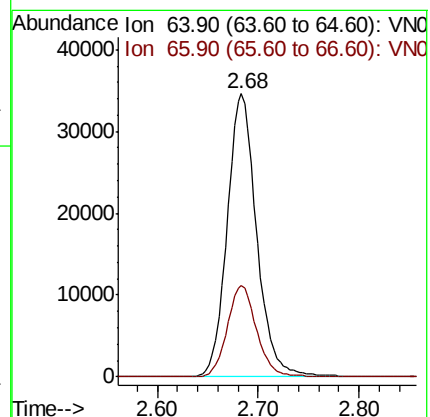
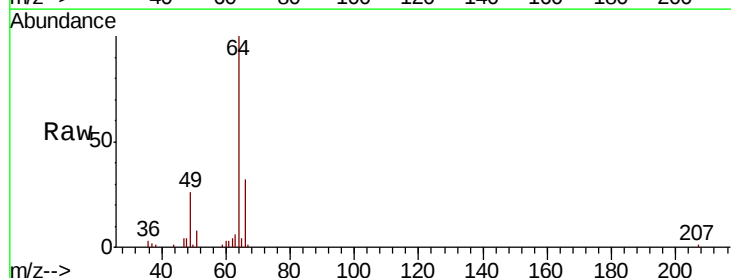
Acq: 17 Apr 2020 20:41

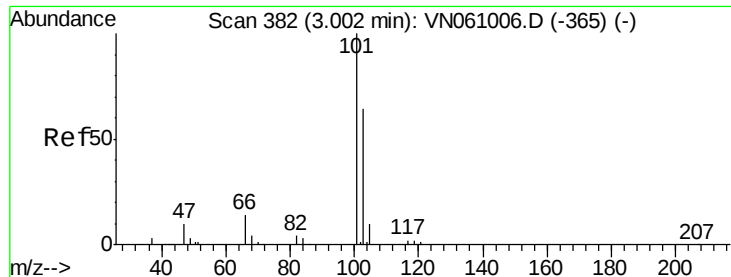
Tgt Ion: 64 Resp: 70587

Ion Ratio Lower Upper

64 100

66 32.3 25.8 38.8



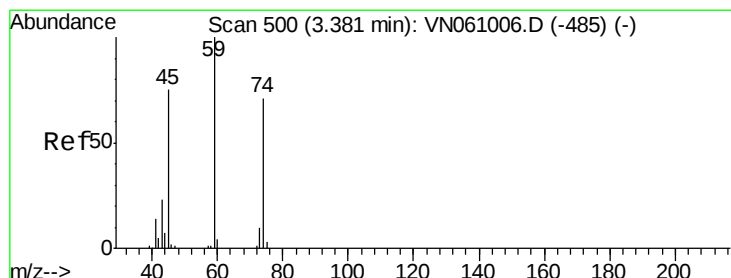
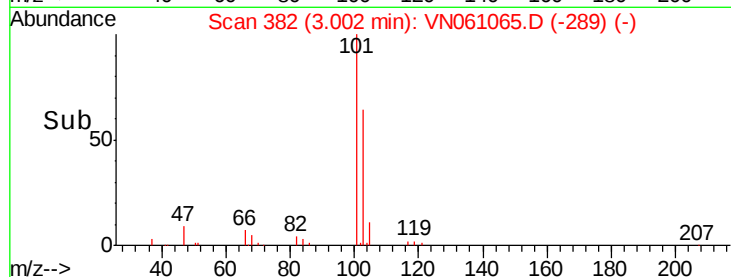
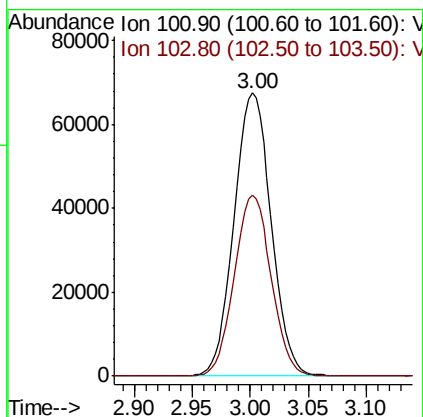
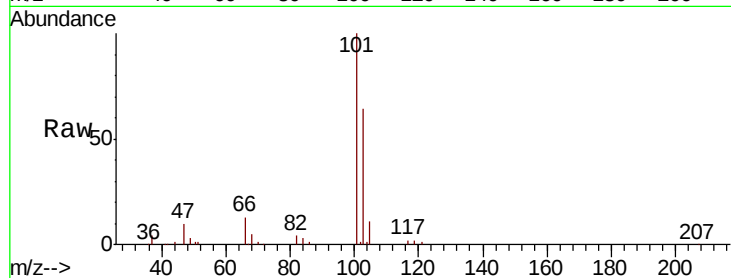


#7

Trichlorofluoromethane
Concen: 52.808 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN061065.D
Acq: 17 Apr 2020 20:41

Instrument :
MSVOA_N
ClientSampleId :

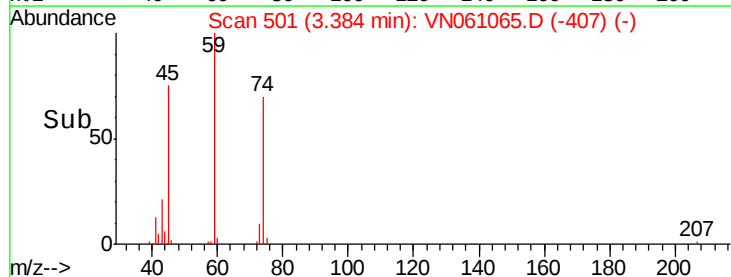
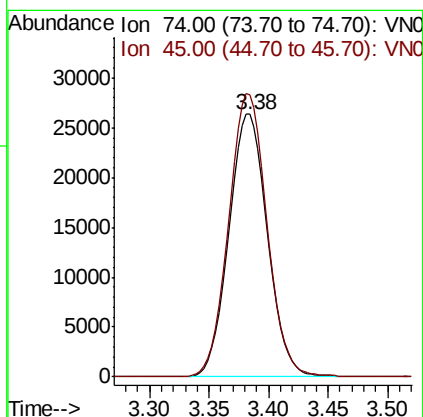
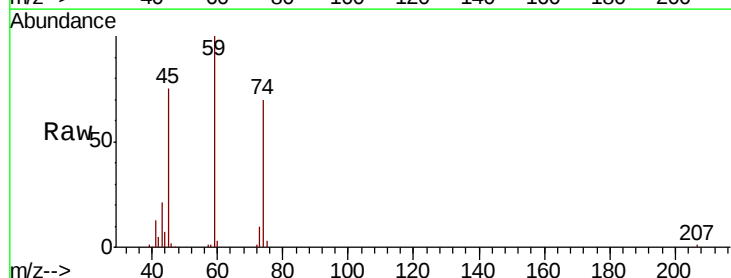
Tot Ion:101 Resp: 150066
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.2

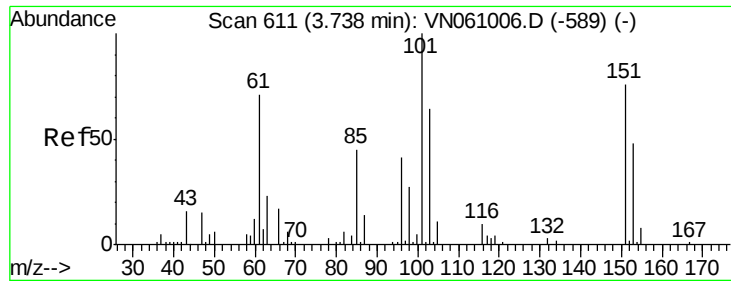


#8

Diethyl Ether
Concen: 52.345 ug/l
RT: 3.38 min Scan# 501
Delta R.T. 0.00 min
Lab File: VN061065.D
Acq: 17 Apr 2020 20:41

Tgt Ion: 74 Resp: 59121
Ion Ratio Lower Upper
74 100
45 107.3 52.9 158.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.058 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN061065.D

Acq: 17 Apr 2020 20:41

Instrument :

MSVOA_N

ClientSampled :

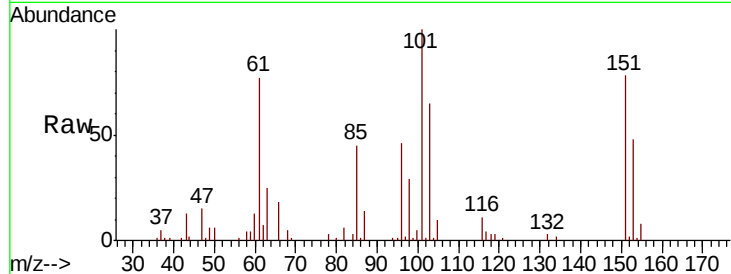
Tot Ion:101 Resp: 83459

Ion Ratio Lower Upper

101 100

85 45.0 35.9 53.9

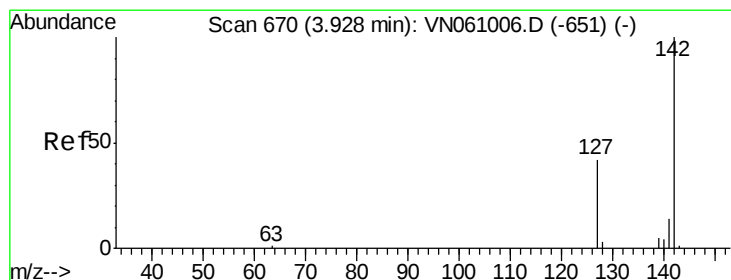
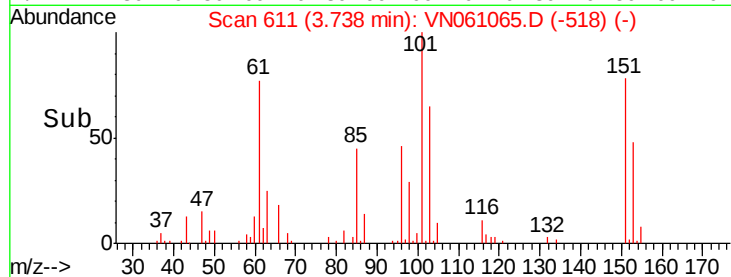
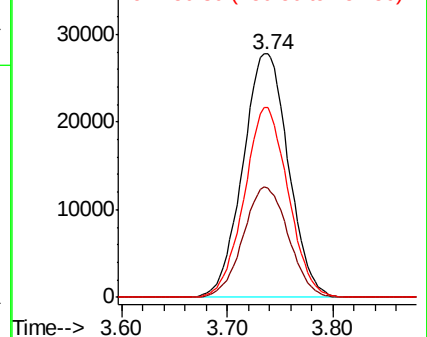
151 75.1 60.8 91.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 58.238 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN061065.D

Acq: 17 Apr 2020 20:41

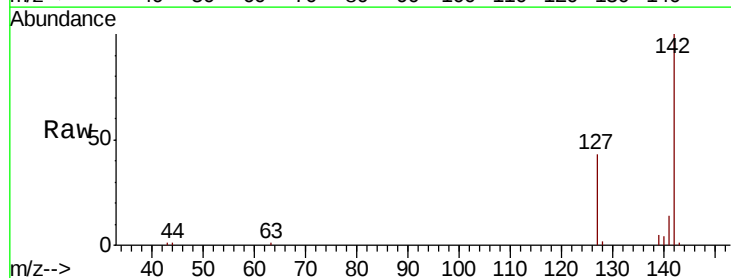
Tgt Ion:142 Resp: 85659

Ion Ratio Lower Upper

142 100

127 42.4 33.4 50.2

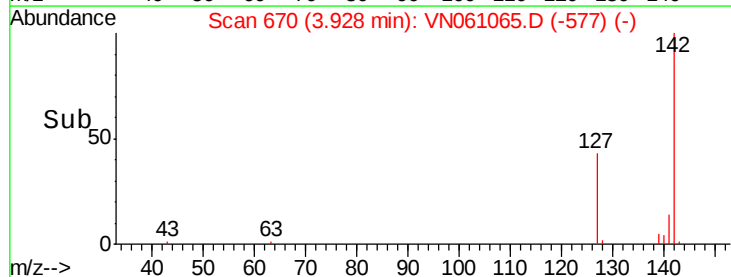
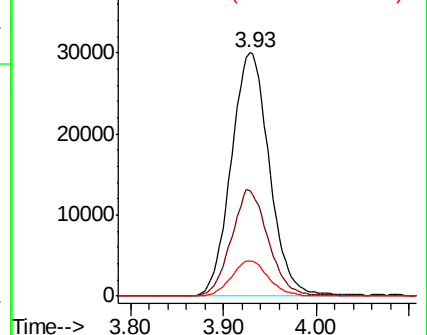
141 14.0 11.0 16.6

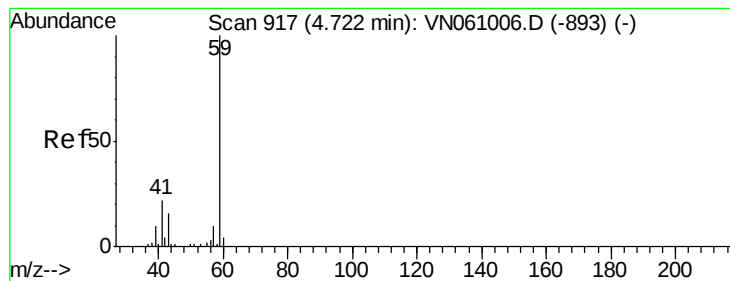


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



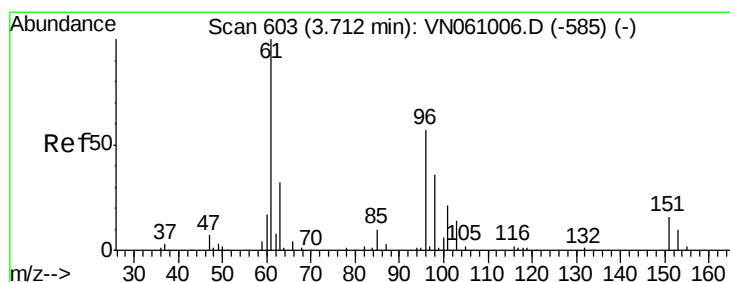
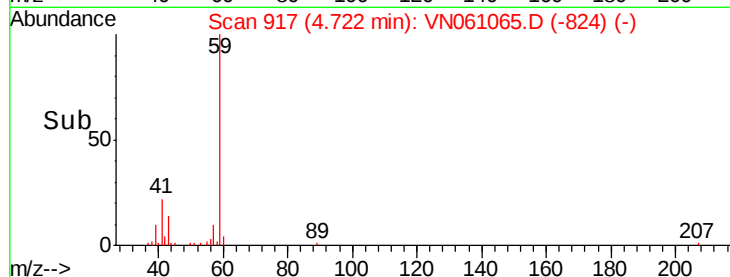
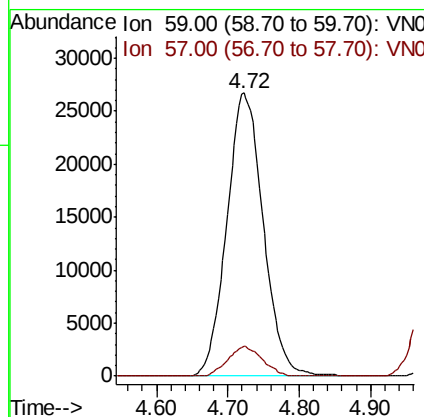
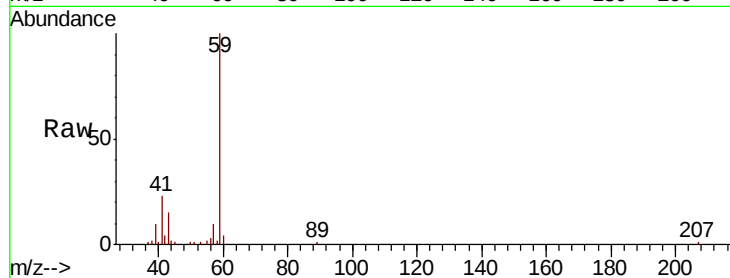


#11

Tert butyl alcohol
 Concen: 269.687 ug/l
 RT: 4.72 min Scan# 917
 Delta R.T. 0.00 min
 Lab File: VN061065.D
 Acq: 17 Apr 2020 20:41

Instrument :
 MSVOA_N
 ClientSampleId :

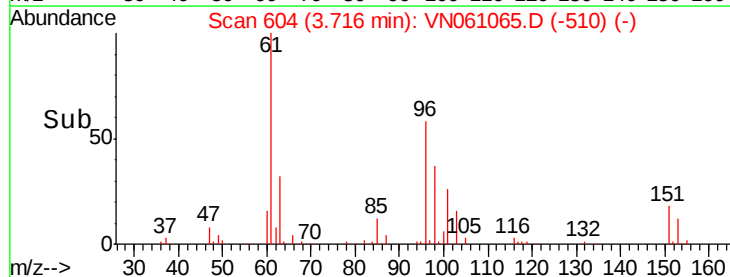
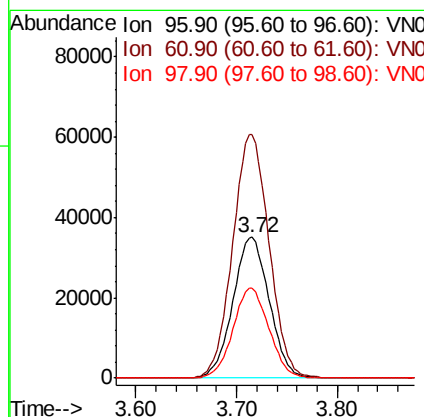
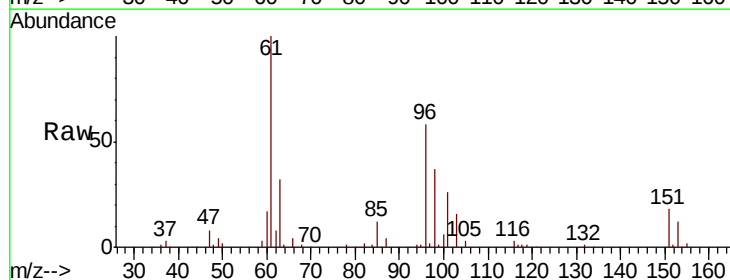
Tot Ion: 59 Resp: 94811
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.1 12.1

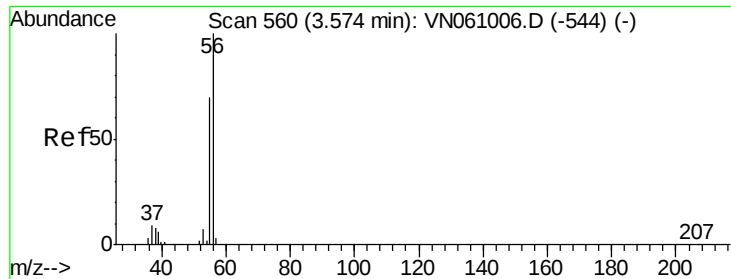


#12

1,1-Dichloroethene
 Concen: 51.833 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN061065.D
 Acq: 17 Apr 2020 20:41

Tgt Ion: 96 Resp: 87844
 Ion Ratio Lower Upper
 96 100
 61 173.0 139.2 208.8
 98 64.0 50.0 75.0





#13

Acrolein

Concen: 236.642 ug/l

RT: 3.57 min Scan# 560

Delta R.T. 0.00 min

Lab File: VN061065.D

Acq: 17 Apr 2020 20:41

Instrument :

MSVOA_N

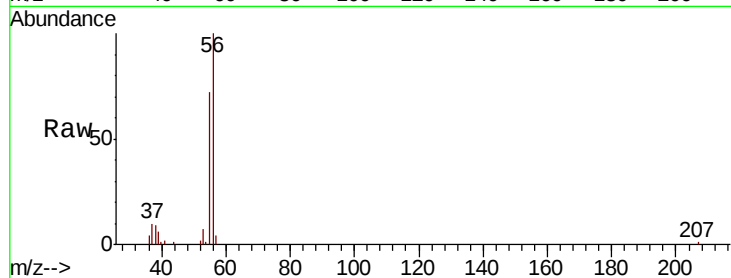
ClientSampleId :

Tot Ion: 56 Resp: 70244

Ion Ratio Lower Upper

56 100

55 71.9 57.0 85.6

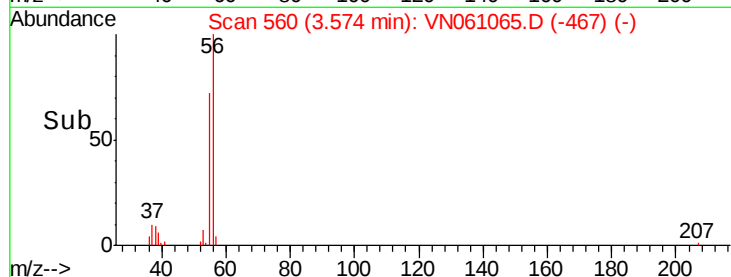


Abundance Ion 56.00 (55.70 to 56.70): VN061006.D (-544) (-)

Ion 55.00 (54.70 to 55.70): VN061006.D (-544) (-)

3.57

Time-->

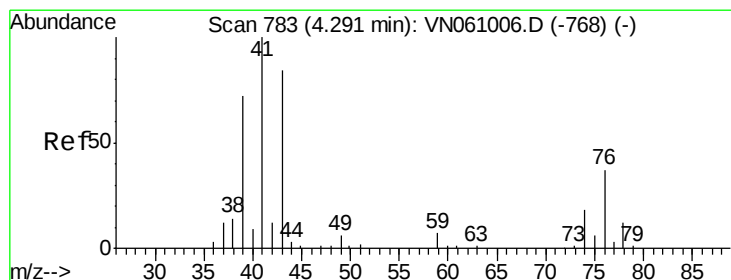


Abundance Ion 56.00 (55.70 to 56.70): VN061065.D (-467) (-)

Ion 55.00 (54.70 to 55.70): VN061065.D (-467) (-)

3.57

Time-->



#14

Allyl chloride

Concen: 49.012 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN061065.D

Acq: 17 Apr 2020 20:41

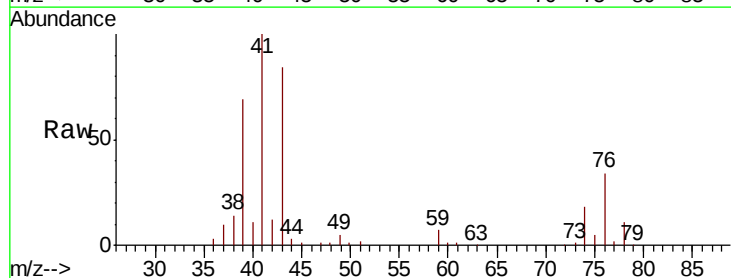
Tgt Ion: 41 Resp: 157161

Ion Ratio Lower Upper

41 100

39 70.3 56.3 84.5

76 34.7 27.7 41.5



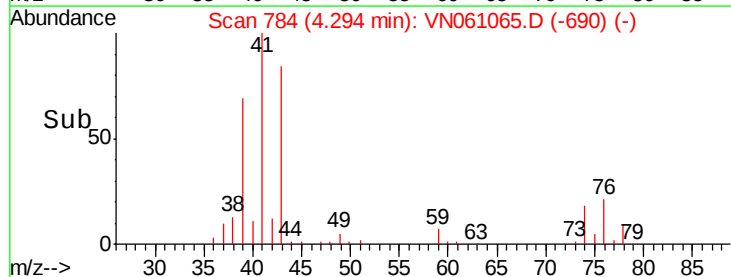
Abundance Ion 41.00 (40.70 to 41.70): VN061006.D (-768) (-)

Ion 39.00 (38.70 to 39.70): VN061006.D (-768) (-)

Ion 75.90 (75.60 to 76.60): VN061006.D (-768) (-)

4.29

Time-->



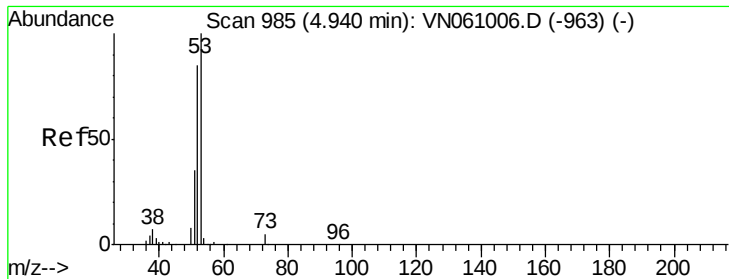
Abundance Ion 41.00 (40.70 to 41.70): VN061065.D (-690) (-)

Ion 39.00 (38.70 to 39.70): VN061065.D (-690) (-)

Ion 75.90 (75.60 to 76.60): VN061065.D (-690) (-)

4.29

Time-->



#15

Acrylonitrile

Concen: 279.083 ug/l

RT: 4.94 min Scan# 985

Delta R.T. 0.00 min

Lab File: VN061065.D

Acq: 17 Apr 2020 20:41

Instrument :
MSVOA_N
ClientSampled :

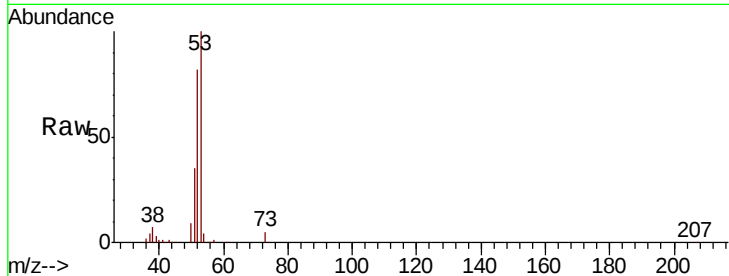
Tot Ion: 53 Resp: 266024

Ion Ratio Lower Upper

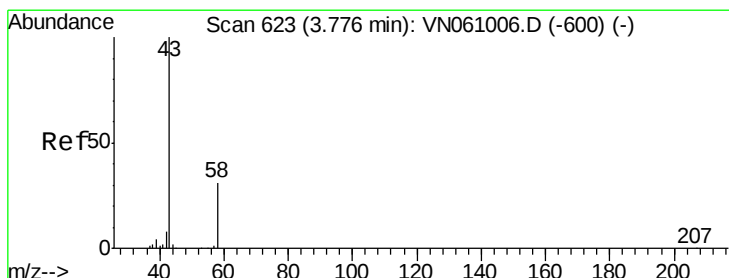
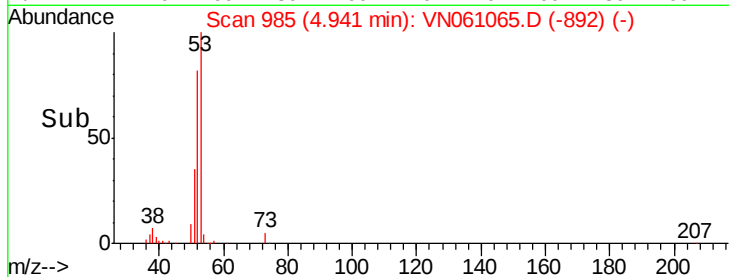
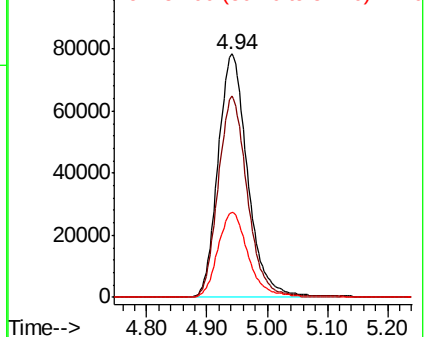
53 100

52 81.5 66.8 100.2

51 35.8 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN0
Ion 52.00 (51.70 to 52.70): VN0
Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 248.680 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061065.D

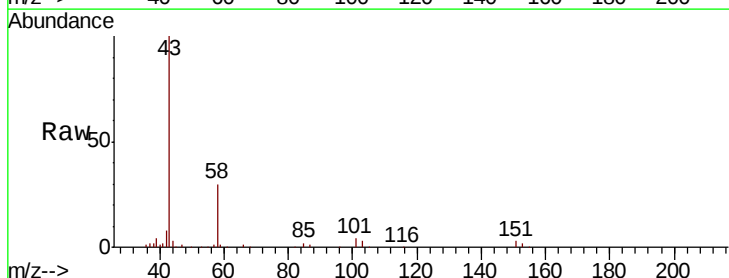
Acq: 17 Apr 2020 20:41

Tgt Ion: 43 Resp: 216882

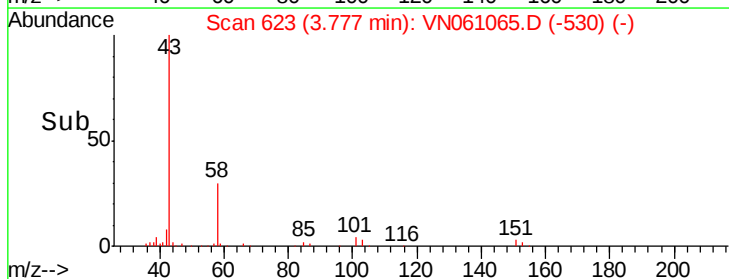
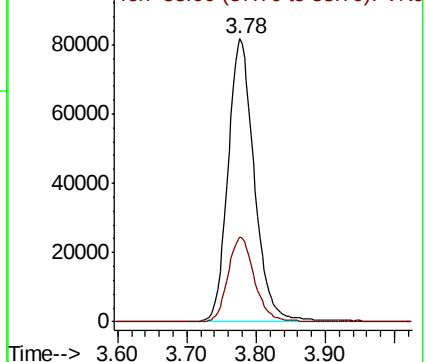
Ion Ratio Lower Upper

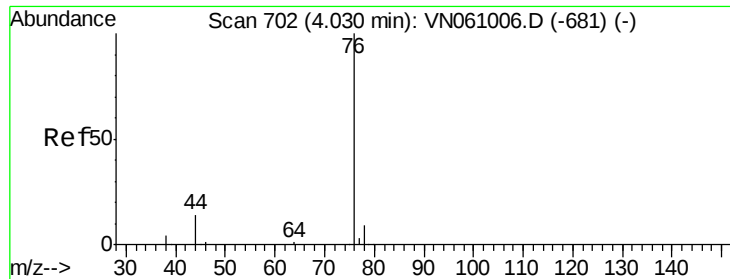
43 100

58 30.0 24.6 37.0



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





#17

Carbon Disulfide

Concen: 50.025 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN061065.D

Acq: 17 Apr 2020 20:41

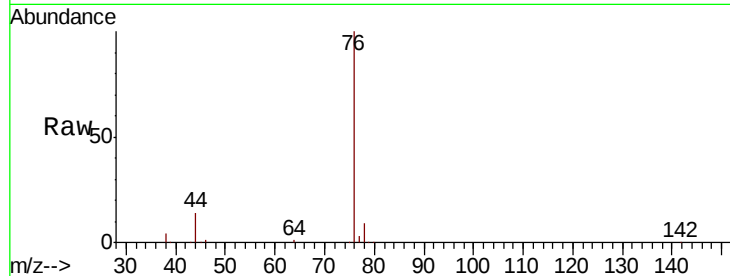
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 76 Resp: 265289

Ion Ratio Lower Upper

76 100

78 9.0 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VN061006.D (-681) (-)

Ion 77.90 (77.60 to 78.60): VN061006.D (-681) (-)

4.03

100000

80000

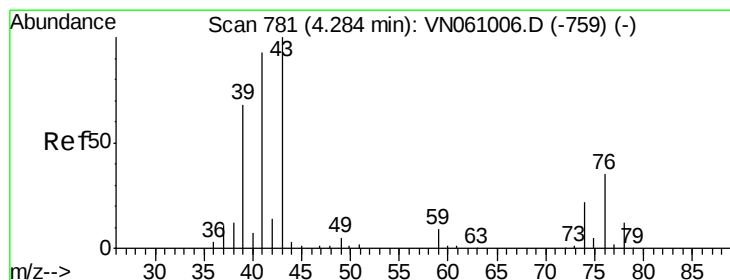
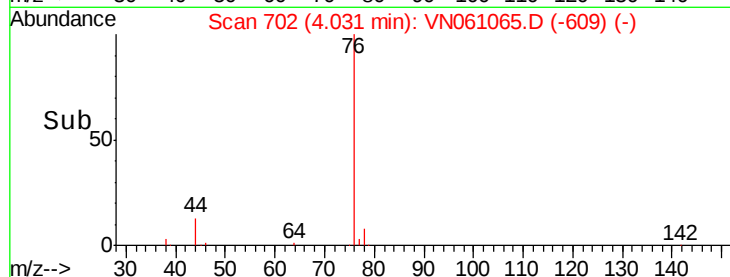
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 55.993 ug/l

RT: 4.28 min Scan# 781

Delta R.T. 0.00 min

Lab File: VN061065.D

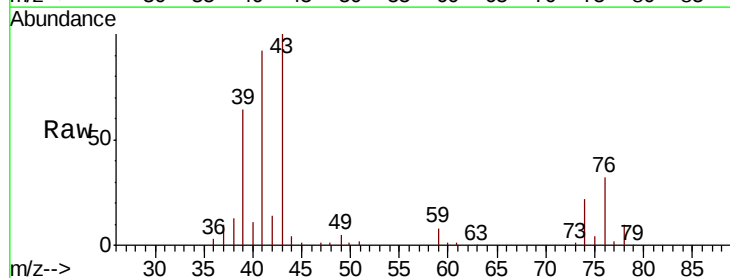
Acq: 17 Apr 2020 20:41

Tgt Ion: 43 Resp: 153129

Ion Ratio Lower Upper

43 100

74 21.2 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-759) (-)

Ion 74.00 (73.70 to 74.70): VN061006.D (-759) (-)

4.28

60000

50000

40000

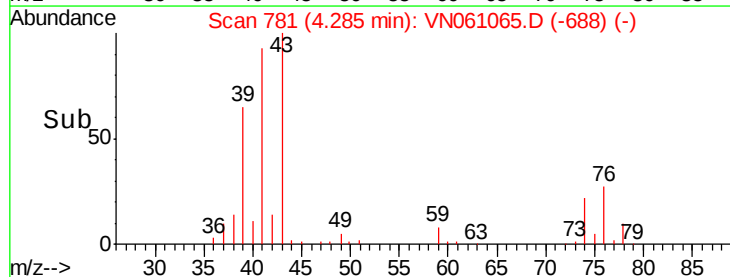
30000

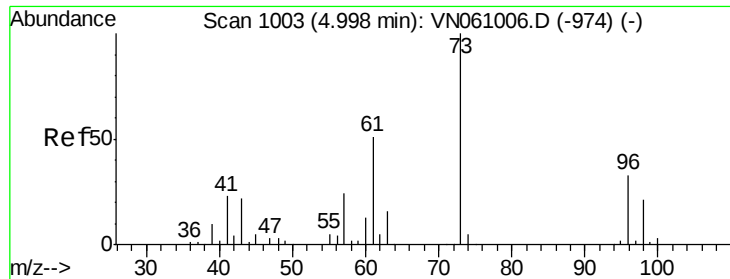
20000

10000

0

Time-->

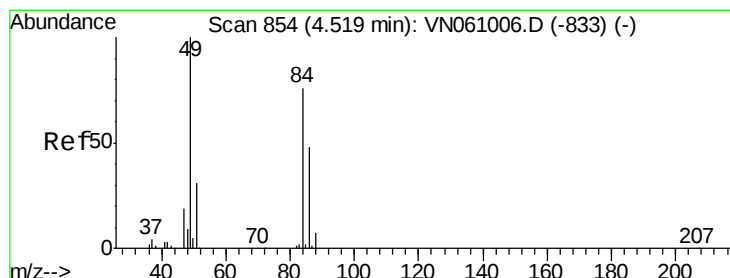
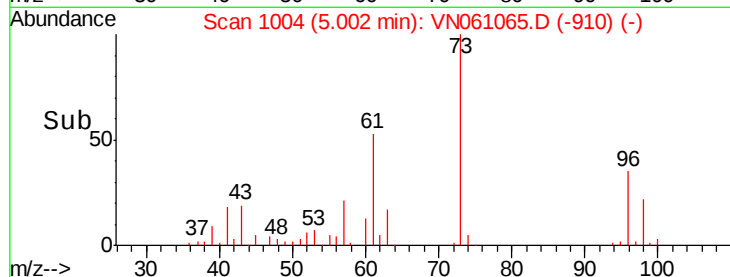
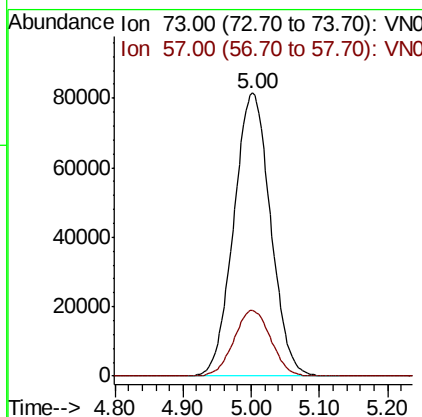
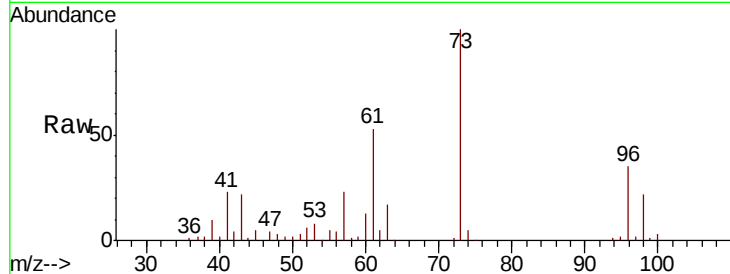




#19
Methvl tert-butvl Ether
Concen: 51.634 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. 0.00 min
Lab File: VN061065.D
Acq: 17 Apr 2020 20:41

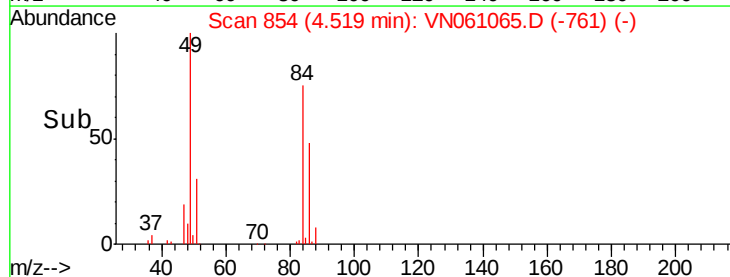
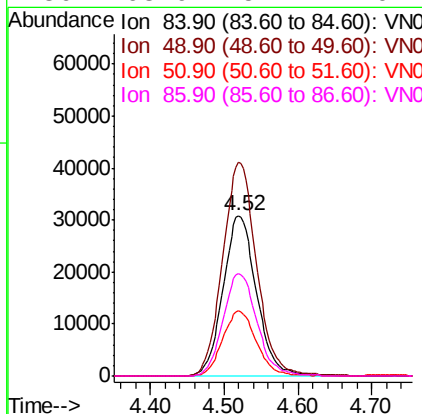
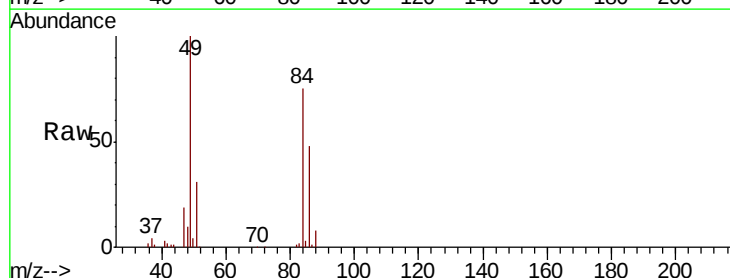
Instrument :
MSVOA_N
ClientSampleId :

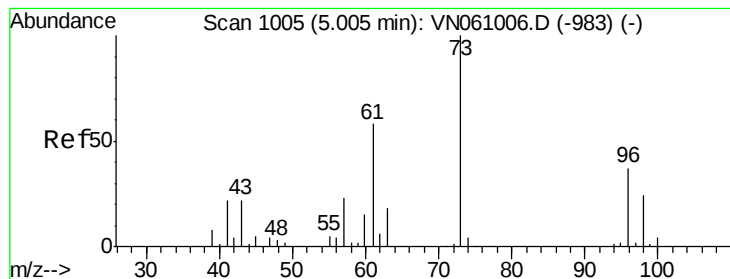
Tot Ion: 73 Resp: 305122
Ion Ratio Lower Upper
73 100
57 23.1 19.0 28.4



#20
Methylene Chloride
Concen: 51.153 ug/l
RT: 4.52 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN061065.D
Acq: 17 Apr 2020 20:41

Tgt Ion: 84 Resp: 97404
Ion Ratio Lower Upper
84 100
49 133.3 105.8 158.6
51 40.9 32.4 48.6
86 63.9 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 51.694 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. 0.00 min

Lab File: VN061065.D

Acq: 17 Apr 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

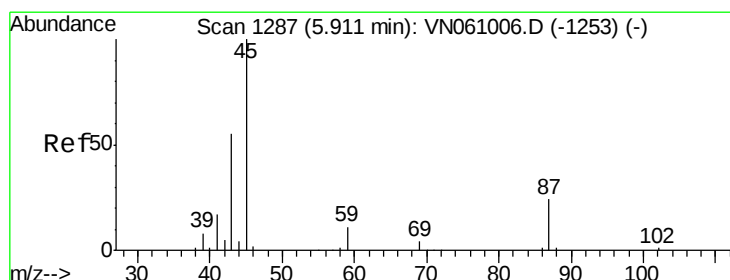
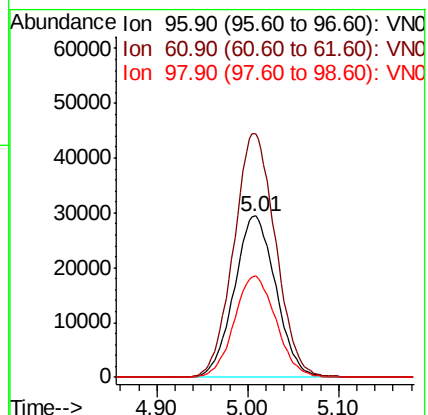
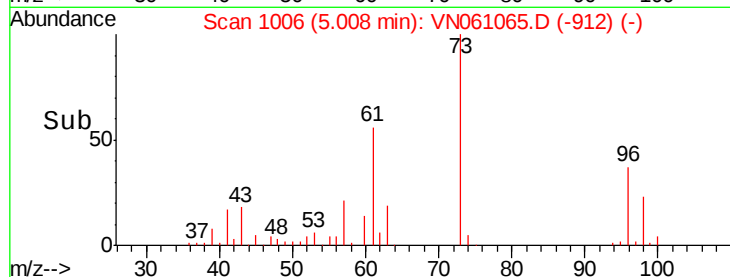
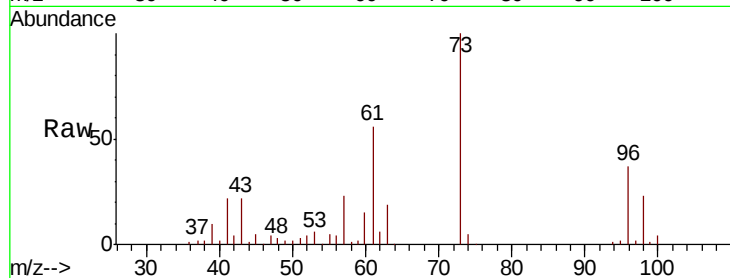
Tot Ion: 96 Resp: 93702

Ion Ratio Lower Upper

96 100

61 151.1 124.8 187.2

98 63.0 51.3 76.9



#22

Diisopropyl ether

Concen: 52.631 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VN061065.D

Acq: 17 Apr 2020 20:41

Tgt Ion: 45 Resp: 350510

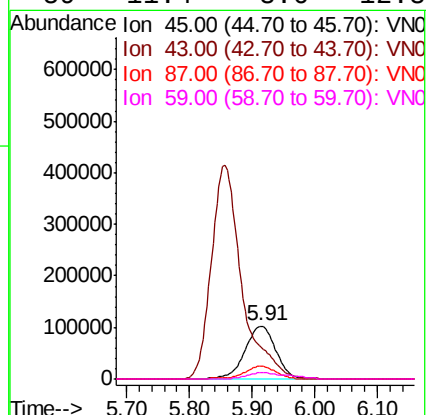
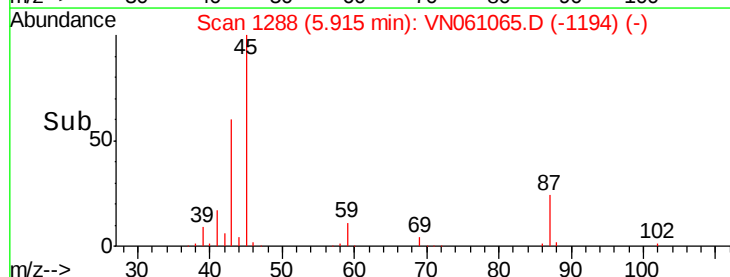
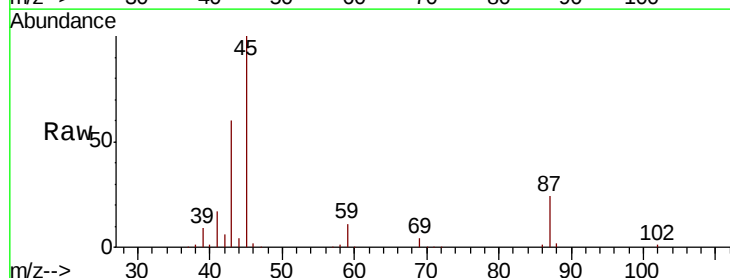
Ion Ratio Lower Upper

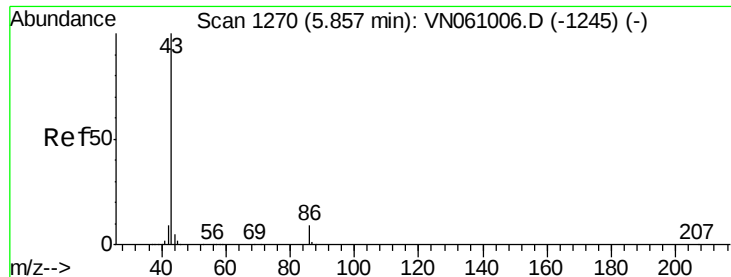
45 100

43 59.3 48.6 72.8

87 24.1 19.4 29.2

59 11.4 8.6 12.8





#23

Vinyl Acetate

Concen: 267.049 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VN061065.D

Acq: 17 Apr 2020 20:41

Instrument :

MSVOA_N

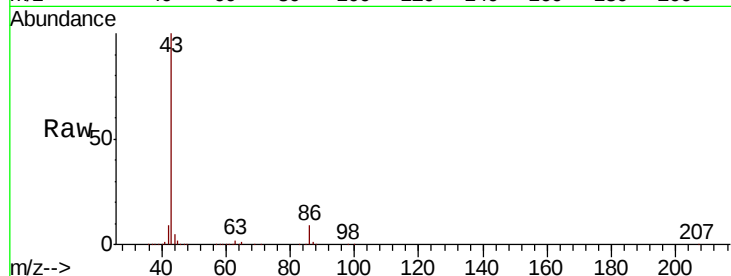
ClientSampleId :

Tot Ion: 43 Resp: 1394632

Ion Ratio Lower Upper

43 100

86 9.0 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-1245) (-)

Ion 86.00 (85.70 to 86.70): VN061006.D (-1245) (-)

5.86

400000

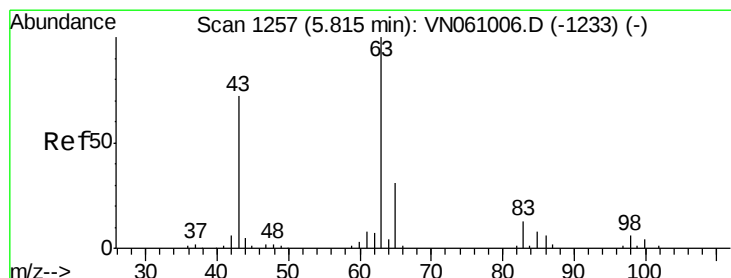
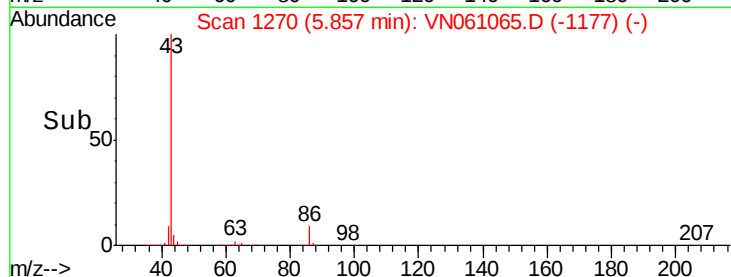
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.426 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. 0.00 min

Lab File: VN061065.D

Acq: 17 Apr 2020 20:41

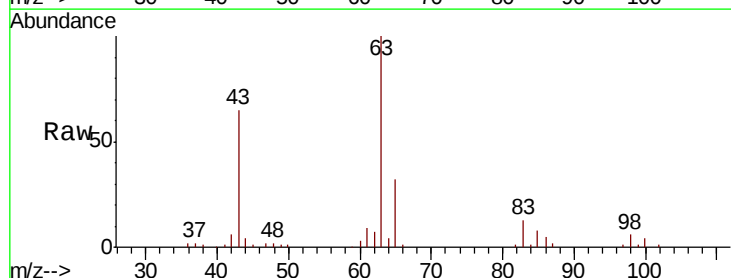
Tgt Ion: 63 Resp: 184976

Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.8

100 3.6 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN061006.D (-1233) (-)

Ion 97.90 (97.60 to 98.60): VN061006.D (-1233) (-)

Ion 99.90 (99.60 to 100.60): VN061006.D (-1233) (-)

5.82

80000

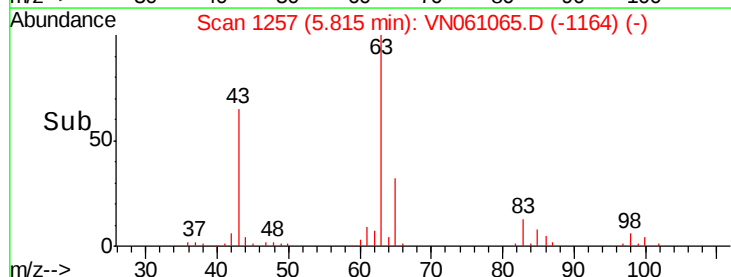
60000

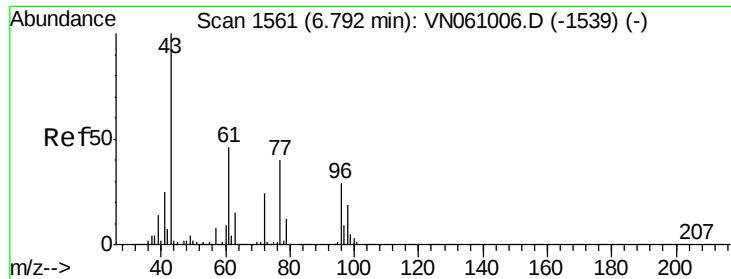
40000

20000

0

Time-->





#25

2-Butanone

Concen: 270.398 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN061065.D

Acq: 17 Apr 2020 20:41

Instrument :

MSVOA_N

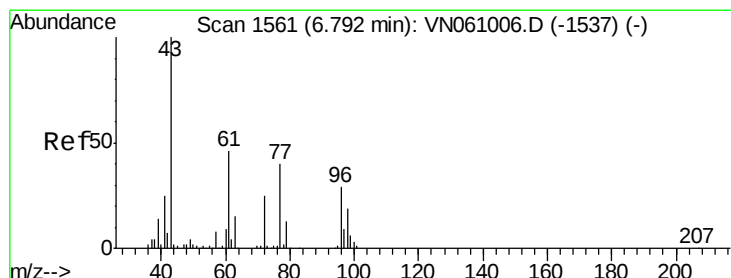
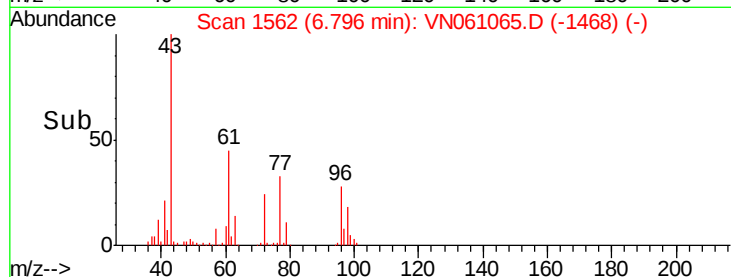
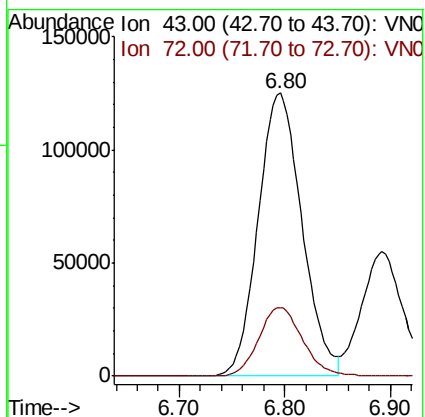
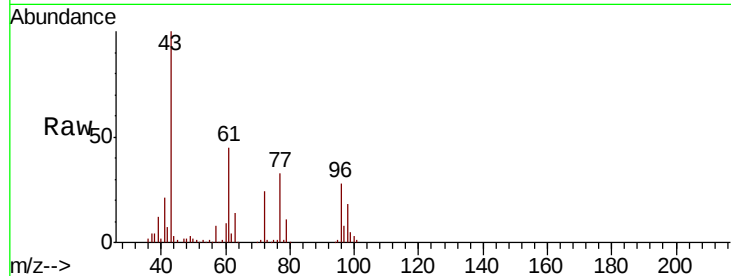
ClientSampled :

Tot Ion: 43 Resp: 361366

Ion Ratio Lower Upper

43 100

72 24.4 19.6 29.4



#26

2,2-Dichloropropane

Concen: 44.999 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. 0.00 min

Lab File: VN061065.D

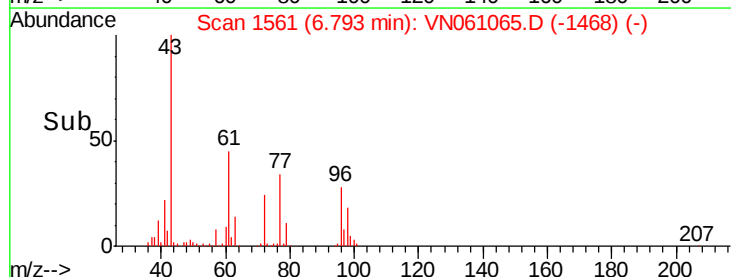
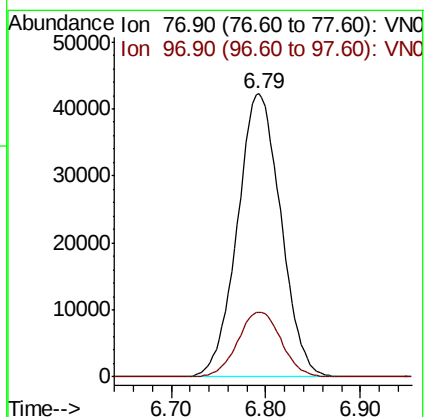
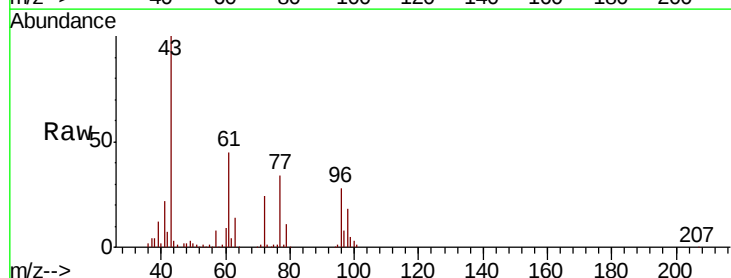
Acq: 17 Apr 2020 20:41

Tgt Ion: 77 Resp: 134766

Ion Ratio Lower Upper

77 100

97 23.0 11.2 33.6

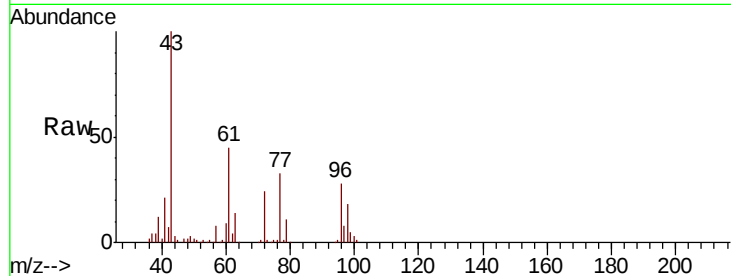




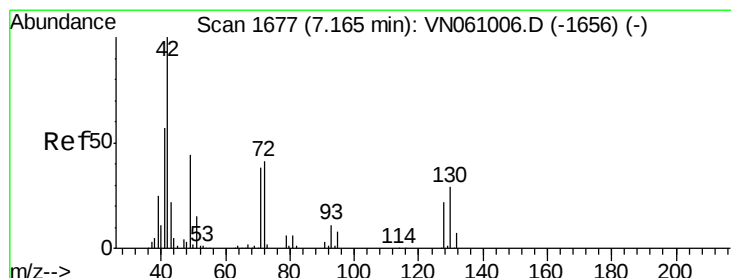
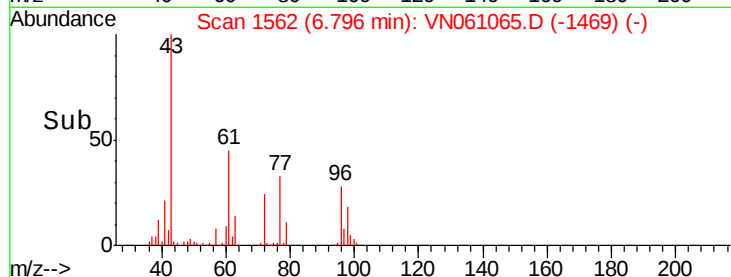
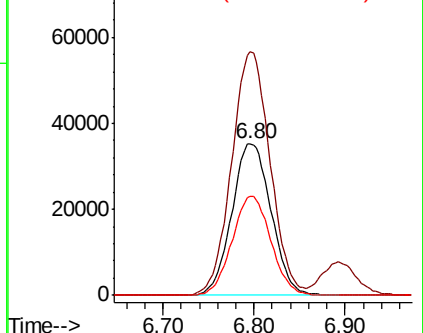
#27
 cis-1,2-Dichloroethene
 Concen: 50.841 ug/l
 RT: 6.80 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: VN061065.D
 Acq: 17 Apr 2020 20:41

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	96	Resp	105802
Ion	Ratio	Lower	Upper
96	100		
61	157.0	0.0	317.4
98	64.3	0.0	127.8

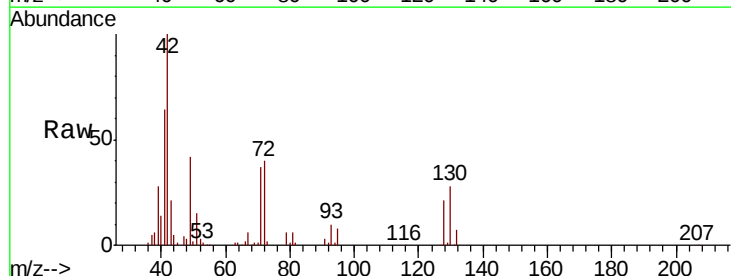


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

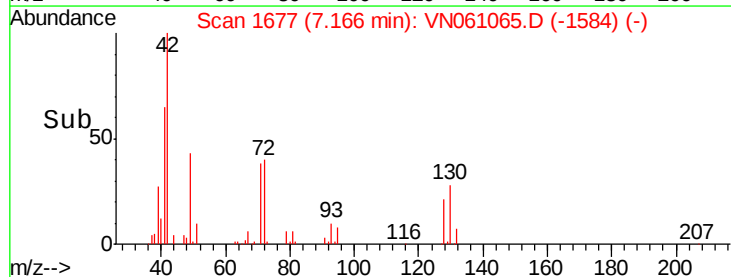
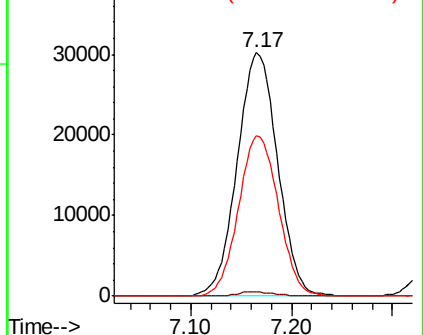


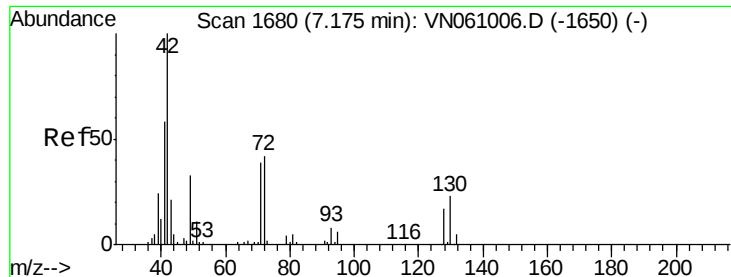
#28
 Bromochloromethane
 Concen: 50.913 ug/l
 RT: 7.17 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: VN061065.D
 Acq: 17 Apr 2020 20:41

Tgt Ion	49	Resp	84061
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.0
130	64.9	52.9	79.3



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

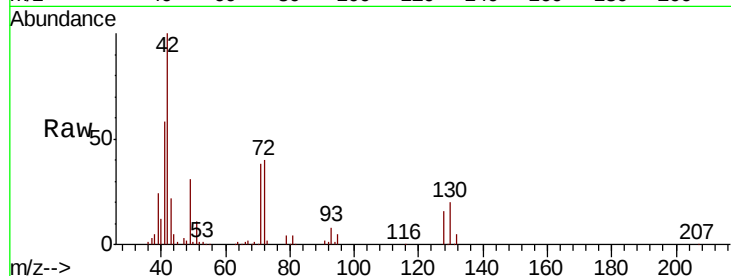




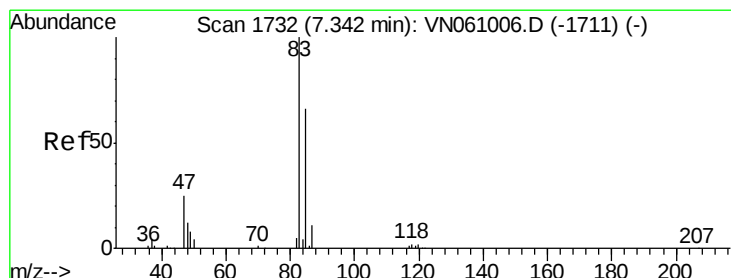
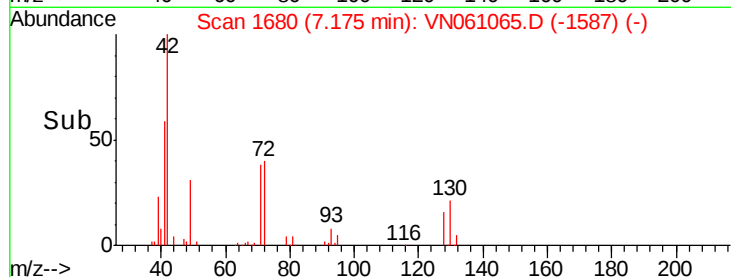
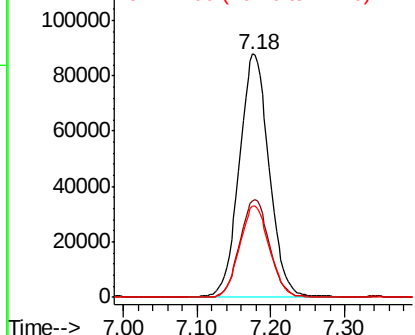
#29
Tetrahydrofuran
Concen: 274.590 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN061065.D
Acq: 17 Apr 2020 20:41

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 249131
Ion Ratio Lower Upper
42 100
72 39.8 32.1 48.1
71 37.5 30.5 45.7

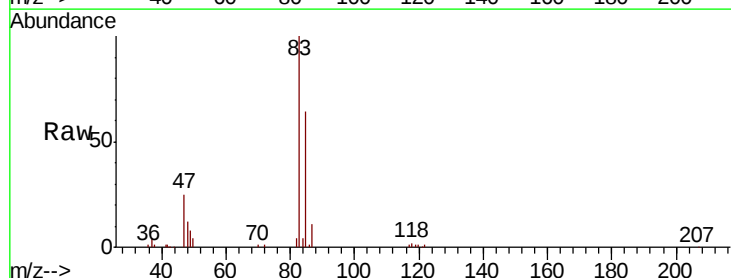


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

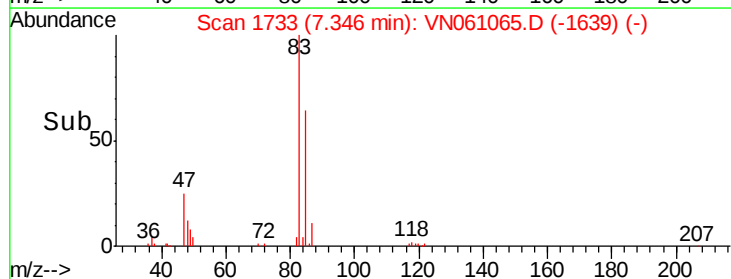
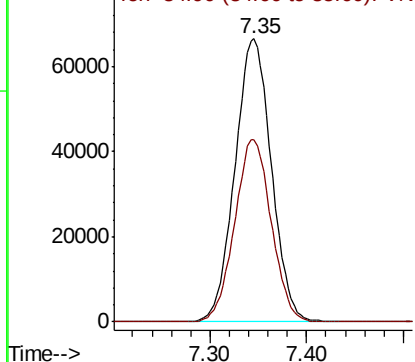


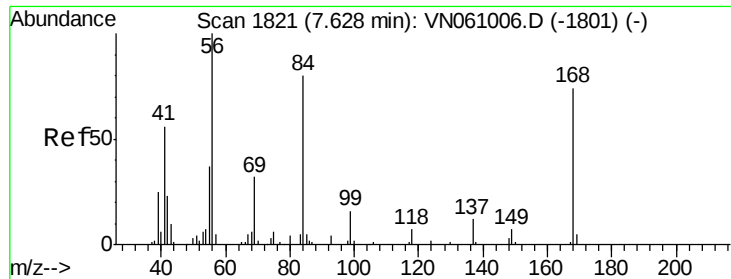
#30
Chloroform
Concen: 51.916 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN061065.D
Acq: 17 Apr 2020 20:41

Tgt Ion: 83 Resp: 174176
Ion Ratio Lower Upper
83 100
85 64.3 52.8 79.2



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

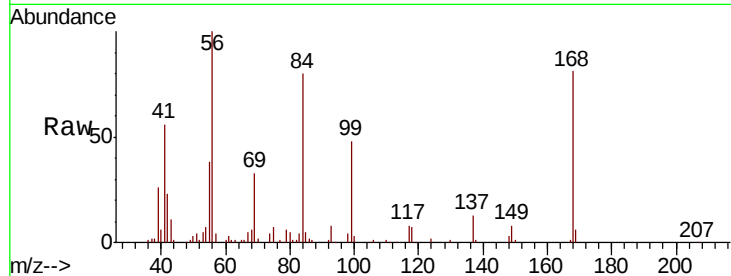




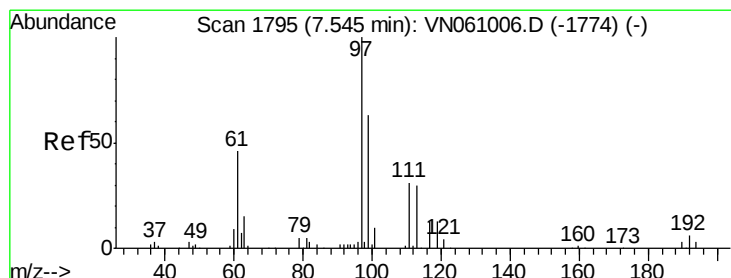
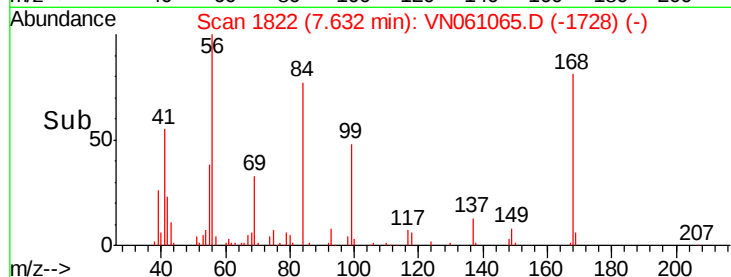
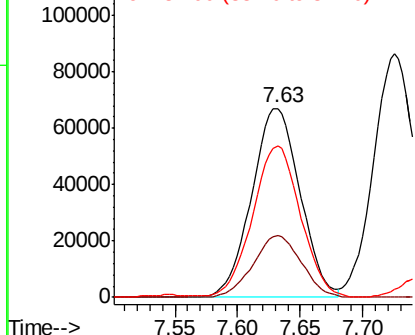
#31
Cyclohexane
Concen: 48.695 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN061065.D
Acq: 17 Apr 2020 20:41

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 179732
Ion Ratio Lower Upper
56 100
69 32.9 25.6 38.4
84 79.0 63.4 95.2

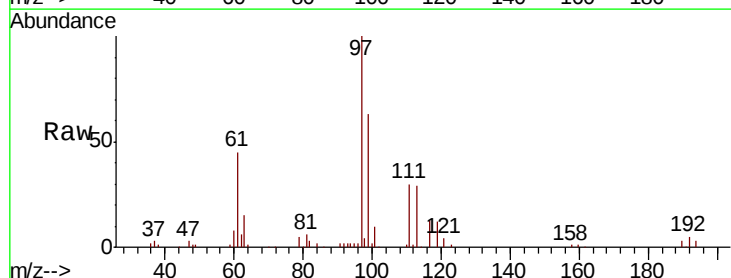


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

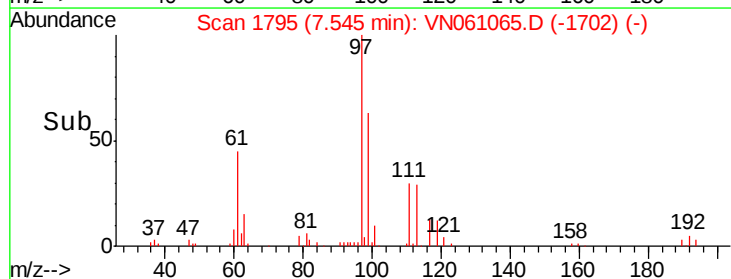
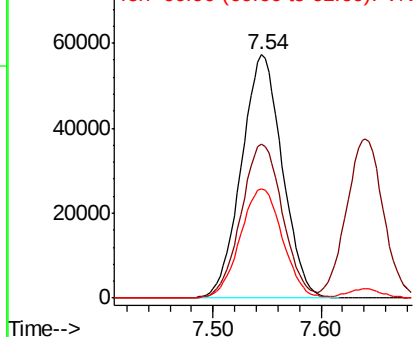


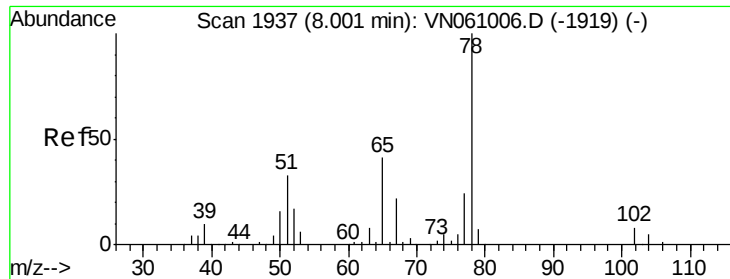
#32
1,1,1-Trichloroethane
Concen: 52.007 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VN061065.D
Acq: 17 Apr 2020 20:41

Tgt Ion: 97 Resp: 150921
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.4
61 46.5 37.0 55.6



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: 49.908 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061065.D

Acq: 17 Apr 2020 20:41

Instrument :

MSVOA_N

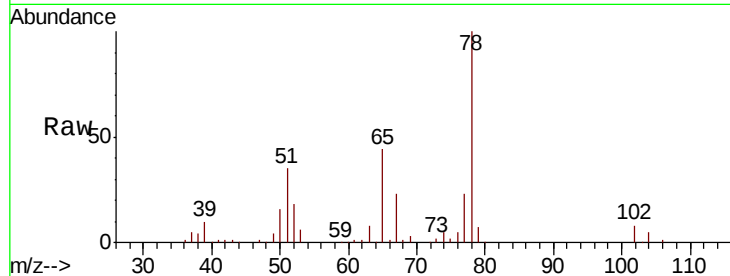
ClientSampleId :

Tot Ion: 65 Resp: 98889

Ion Ratio Lower Upper

65 100

67 53.8 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VN061006.D (-1919) (-)

Ion 66.90 (66.60 to 67.60): VN061006.D (-1919) (-)

8.00

40000

30000

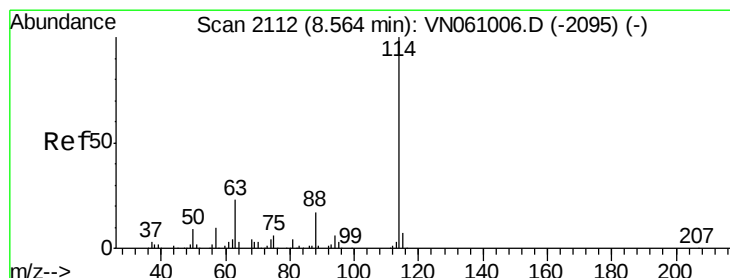
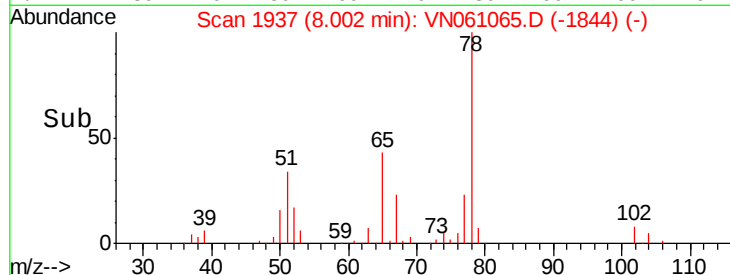
20000

10000

0

7.90 7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VN061065.D

Acq: 17 Apr 2020 20:41

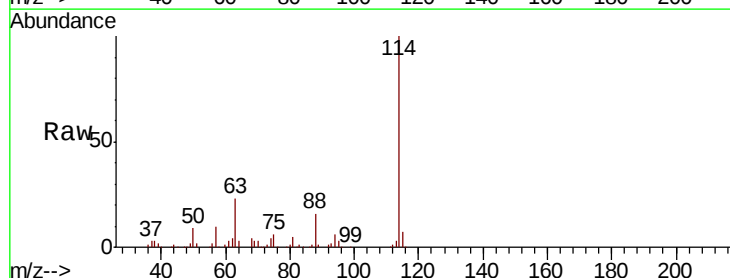
Tgt Ion: 114 Resp: 264290

Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.2

88 16.3 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): VN061006.D (-2095) (-)

Ion 63.00 (62.70 to 63.70): VN061006.D (-2095) (-)

Ion 87.90 (87.60 to 88.60): VN061006.D (-2095) (-)

8.56

150000

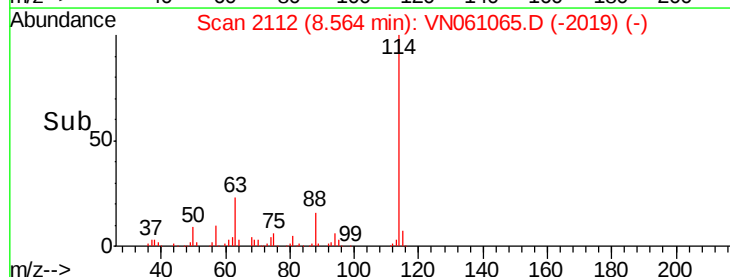
100000

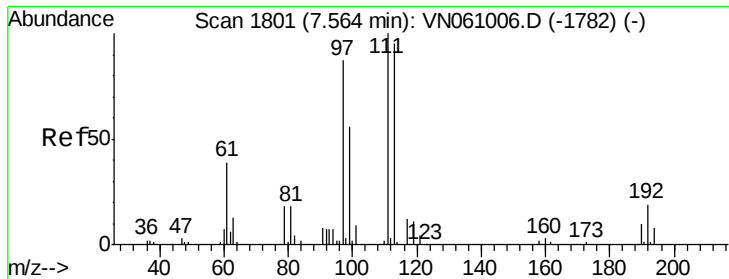
50000

0

8.50 8.55 8.60 8.65 8.70

Time-->

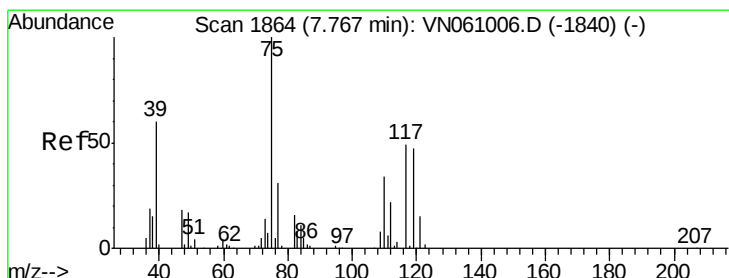
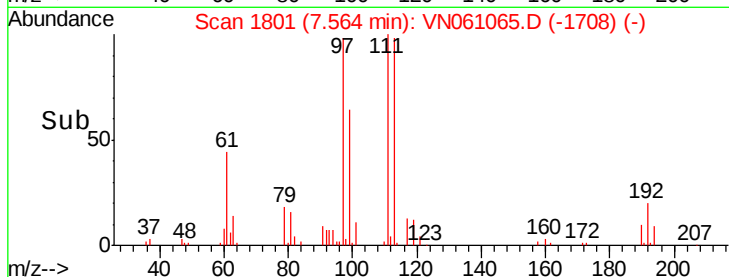
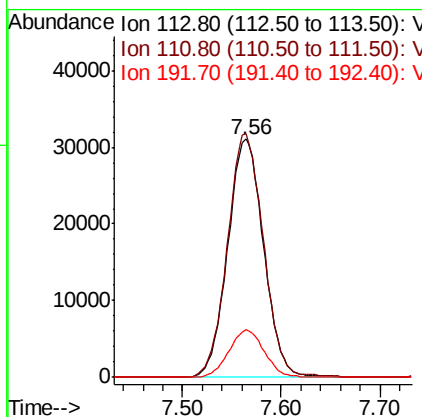
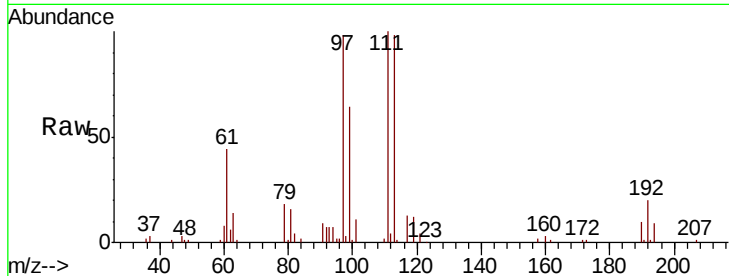




#35
 Dibromofluoromethane
 Concen: 51.011 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN061065.D
 Acq: 17 Apr 2020 20:41

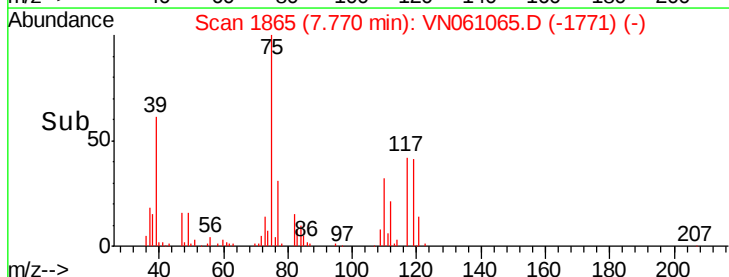
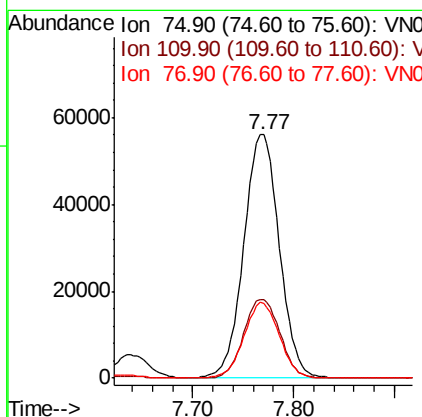
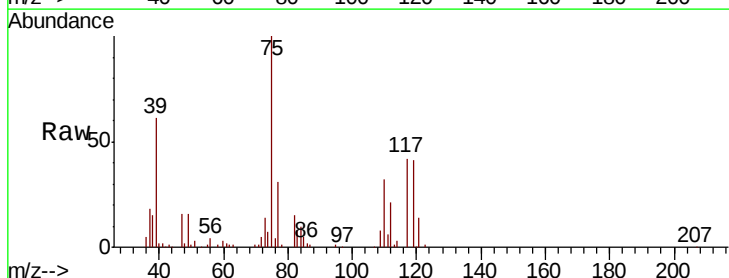
Instrument :
 MSVOA_N
 ClientSampleId :

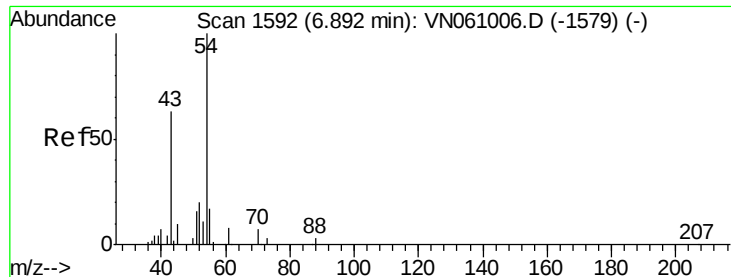
Tot Ion:113 Resp: 78731
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.4 125.2
 192 19.5 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 50.312 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN061065.D
 Acq: 17 Apr 2020 20:41

Tgt Ion: 75 Resp: 137212
 Ion Ratio Lower Upper
 75 100
 110 33.0 16.8 50.3
 77 30.9 24.7 37.1

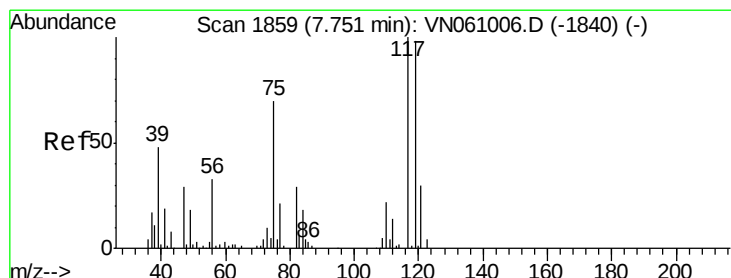
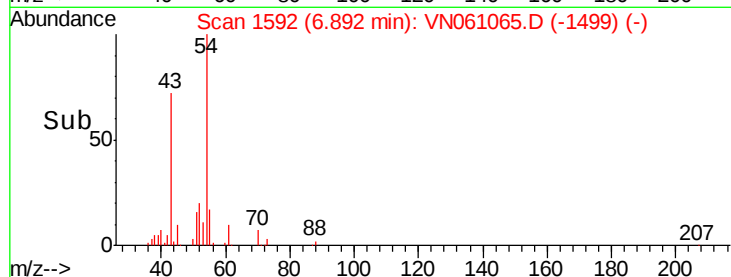
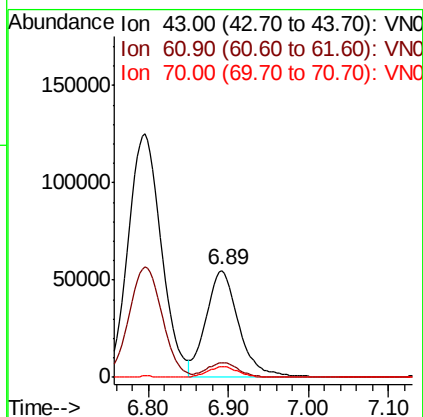
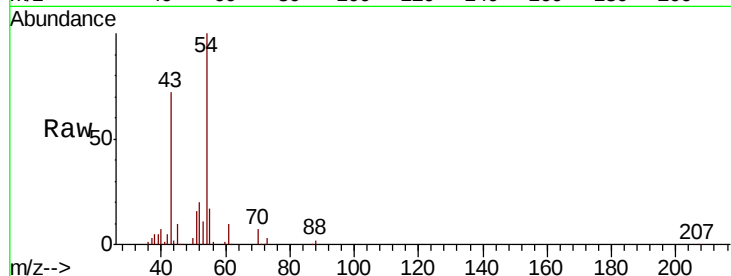




#37
Ethyl Acetate
Concen: 52.496 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VN061065.D
Acq: 17 Apr 2020 20:41

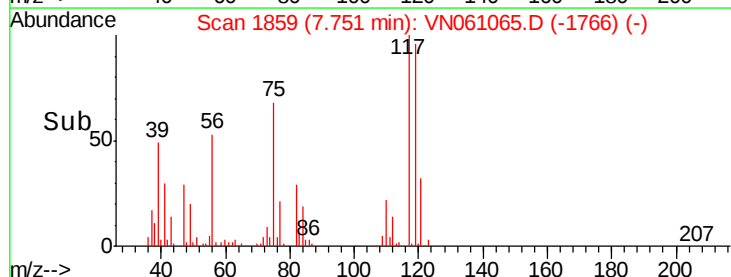
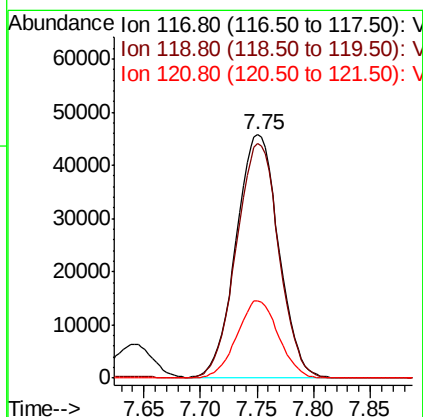
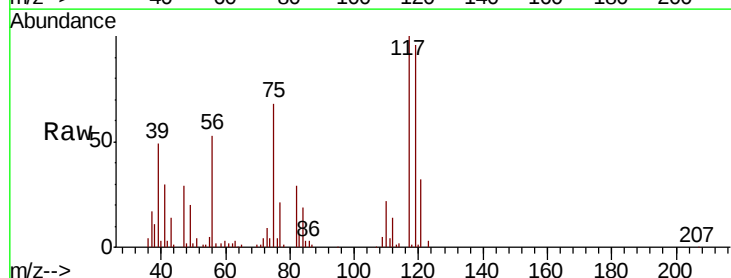
Instrument :
MSVOA_N
ClientSampled :

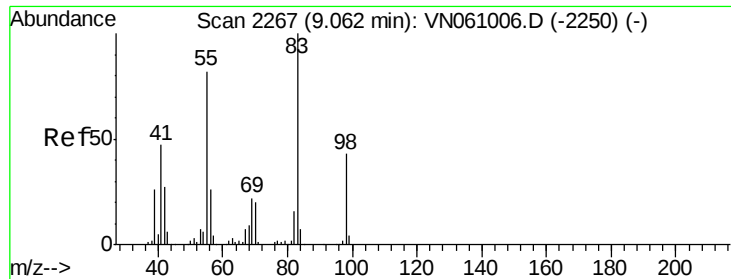
Tot Ion: 43 Resp: 155458
Ion Ratio Lower Upper
43 100
61 13.6 10.9 16.3
70 9.7 7.7 11.5



#38
Carbon Tetrachloride
Concen: 52.950 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN061065.D
Acq: 17 Apr 2020 20:41

Tgt Ion: 117 Resp: 120200
Ion Ratio Lower Upper
117 100
119 96.4 78.1 117.1
121 31.8 24.0 36.0

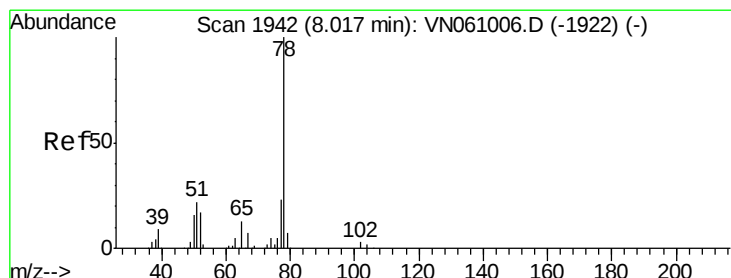
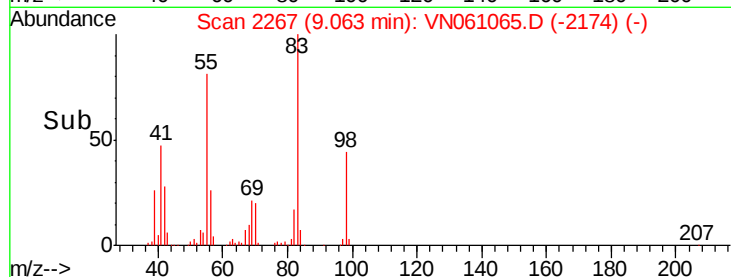
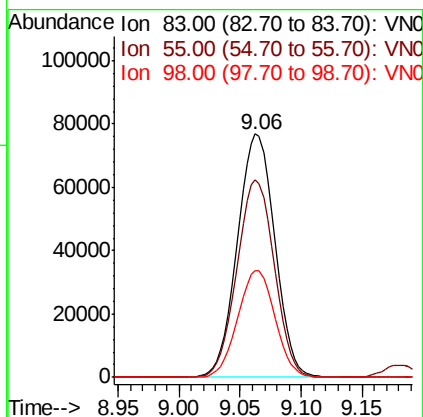
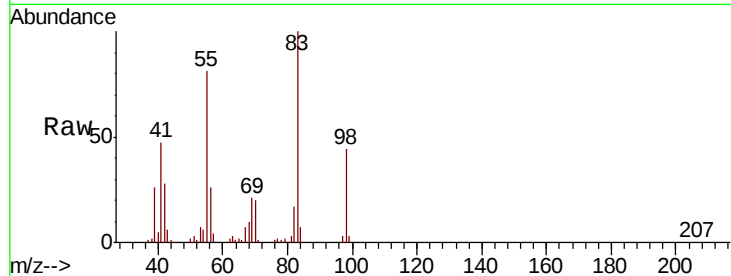




#39
Methvlcvclohexane
Concen: 50.073 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. 0.00 min
Lab File: VN061065.D
Acq: 17 Apr 2020 20:41

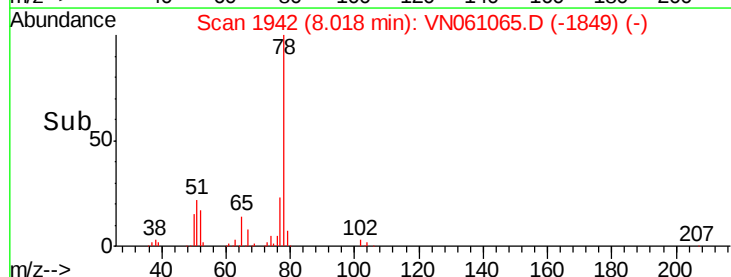
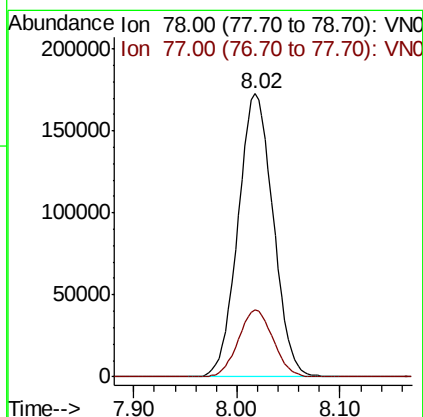
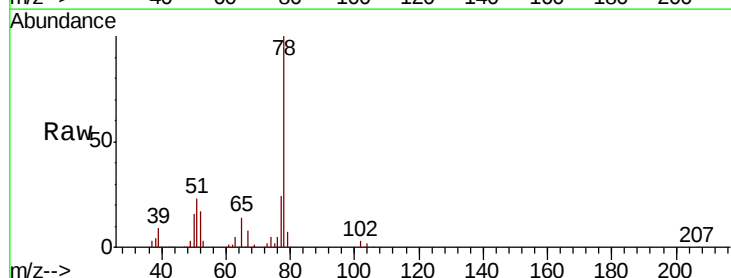
Instrument :
MSVOA_N
ClientSampled :

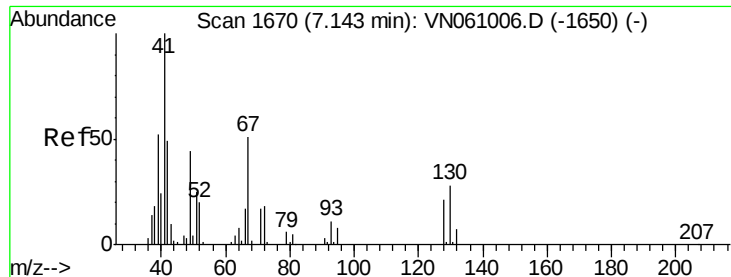
Tot Ion: 83 Resp: 163265
Ion Ratio Lower Upper
83 100
55 81.2 65.4 98.0
98 44.0 34.6 51.8



#40
Benzene
Concen: 50.485 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN061065.D
Acq: 17 Apr 2020 20:41

Tgt Ion: 78 Resp: 408467
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2

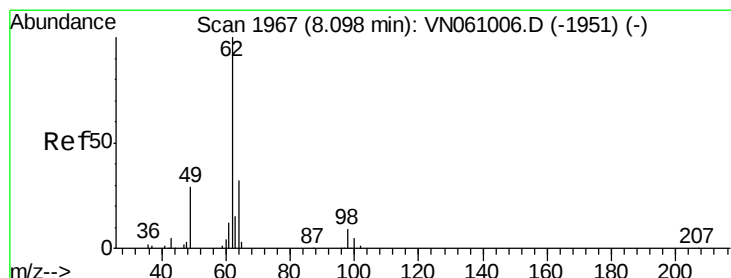
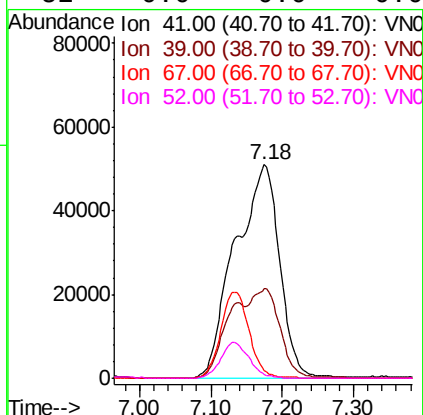
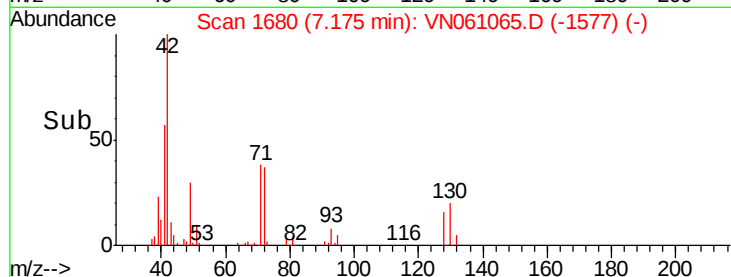
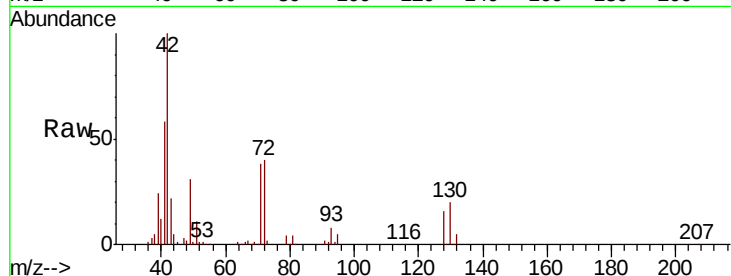




#41
Methacrylonitrile
Concen: 178.239 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN061065.D
Acq: 17 Apr 2020 20:41

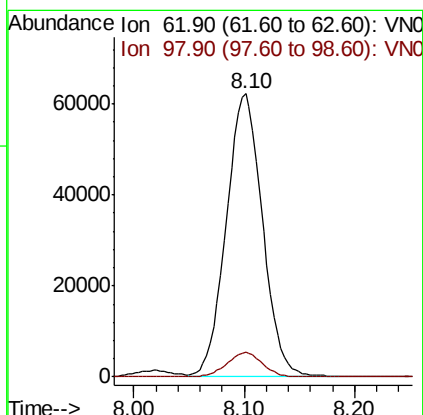
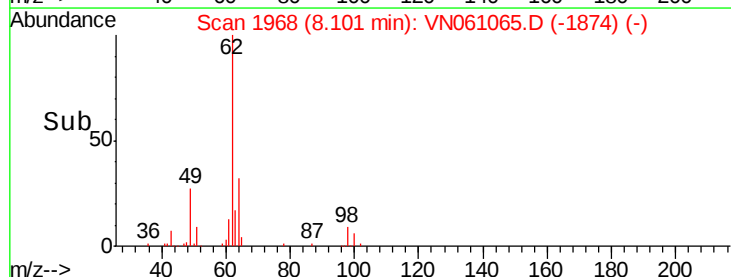
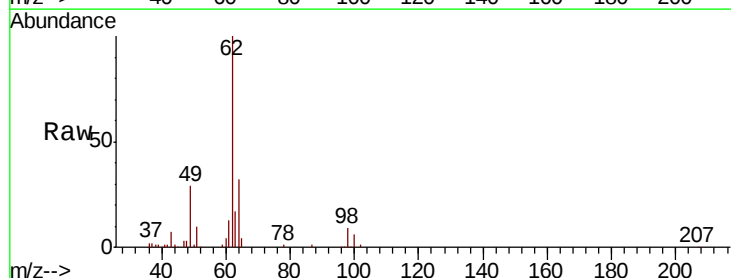
Instrument :
MSVOA_N
ClientSampleId :

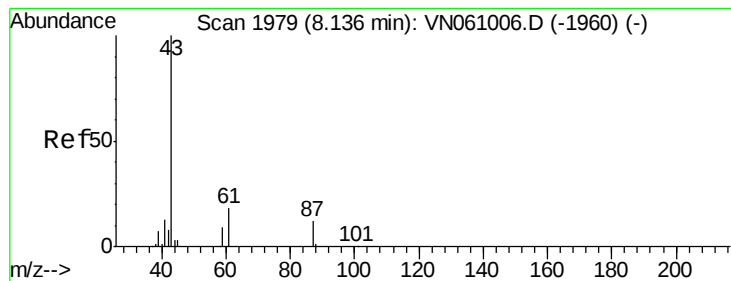
Tot Ion:	41	Resp:	220156
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 51.448 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN061065.D
Acq: 17 Apr 2020 20:41

Tgt Ion:	62	Resp:	141799
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.2





#43

Isopropyl Acetate

Concen: 52.650 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. 0.00 min

Lab File: VN061065.D

Acq: 17 Apr 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

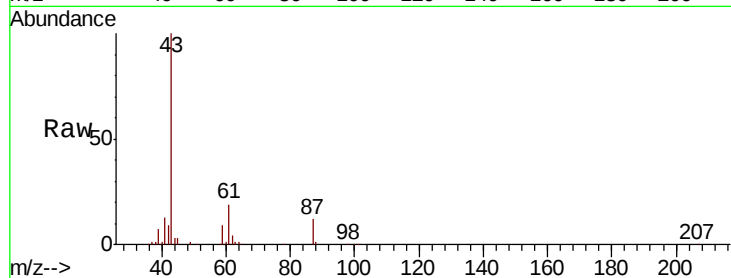
Tot Ion: 43 Resp: 253576

Ion Ratio Lower Upper

43 100

61 25.4 20.3 30.5

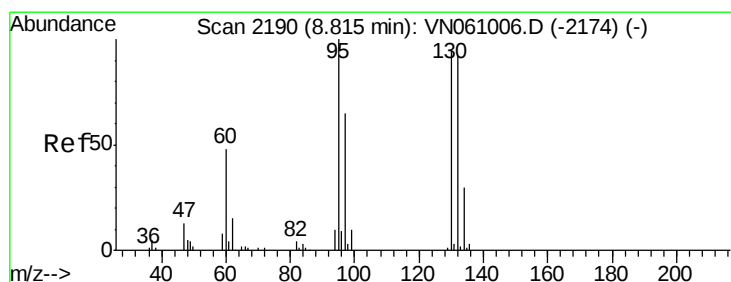
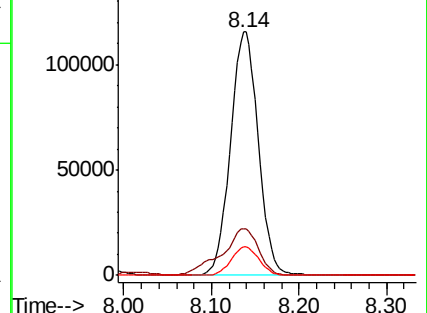
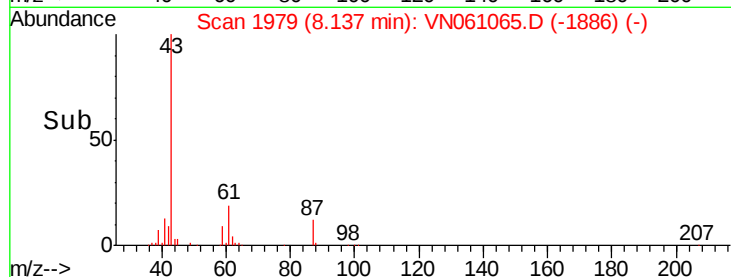
87 11.7 9.4 14.2



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-1960) (-)

Ion 61.00 (60.70 to 61.70): VN061006.D (-1960) (-)

Ion 87.00 (86.70 to 87.70): VN061006.D (-1960) (-)



#44

Trichloroethene

Concen: 49.870 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. 0.00 min

Lab File: VN061065.D

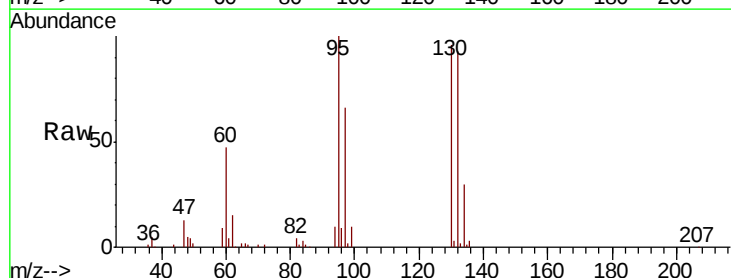
Acq: 17 Apr 2020 20:41

Tgt Ion: 130 Resp: 101384

Ion Ratio Lower Upper

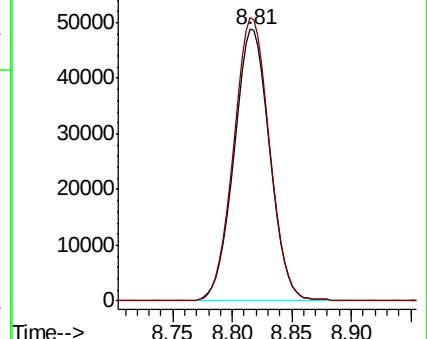
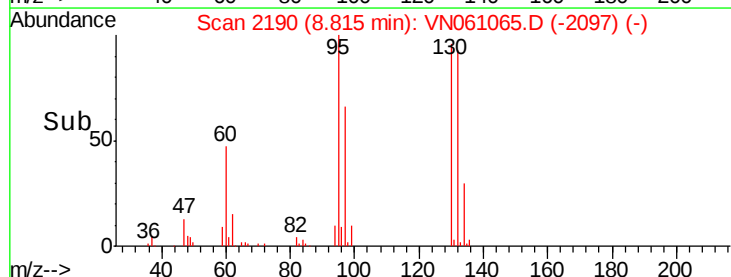
130 100

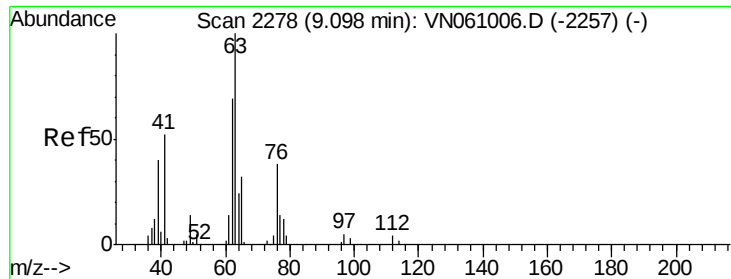
95 104.4 0.0 210.0



Abundance Ion 129.80 (129.50 to 130.50): VN061006.D (-2174) (-)

Ion 94.90 (94.60 to 95.60): VN061006.D (-2174) (-)

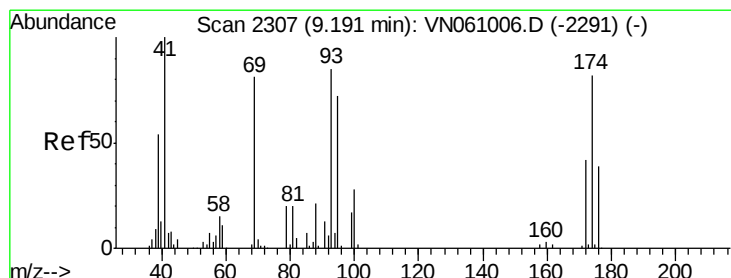
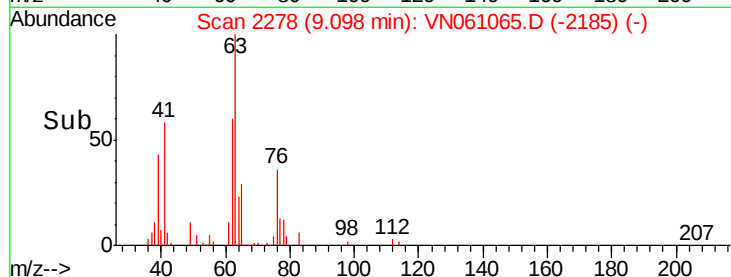
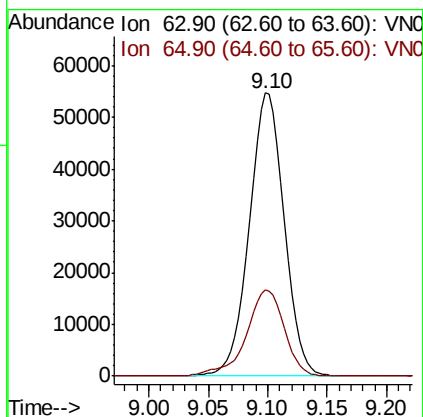
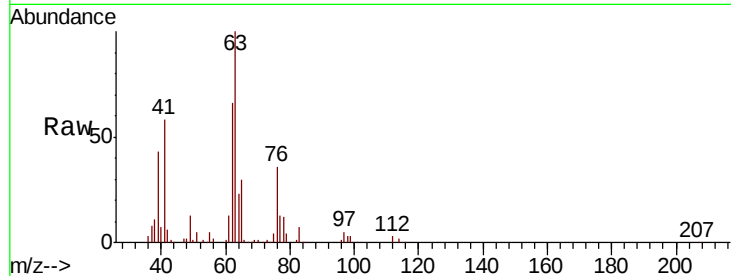




#45
 1,2-Dichloropropane
 Concen: 50.938 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: VN061065.D
 Acq: 17 Apr 2020 20:41

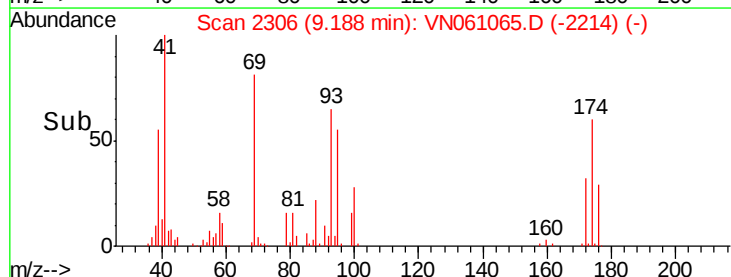
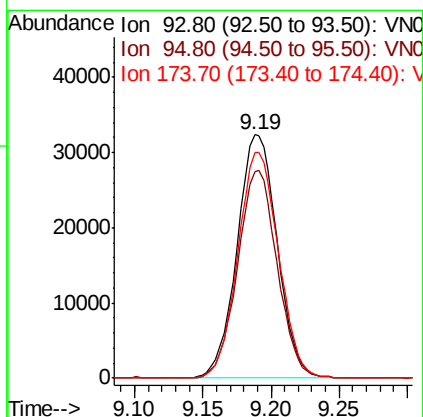
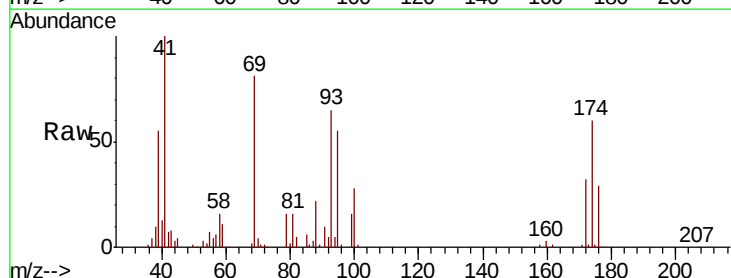
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 63 Resp: 111316
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.2 37.8



#46
 Dibromomethane
 Concen: 52.487 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN061065.D
 Acq: 17 Apr 2020 20:41

Tgt Ion: 93 Resp: 66133
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.8 100.2
 174 93.8 76.2 114.4

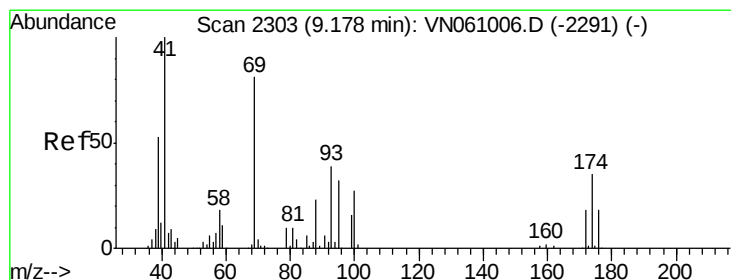
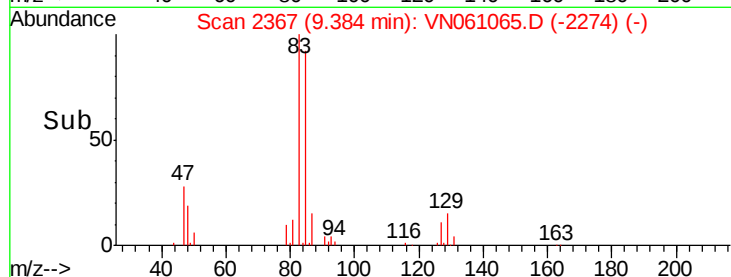
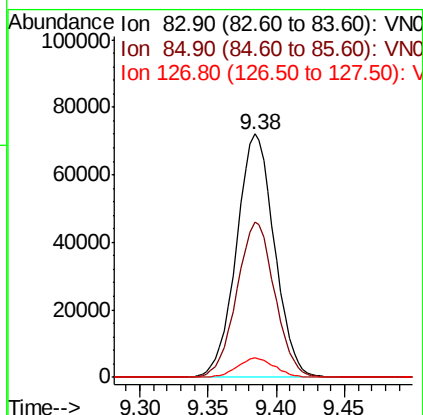
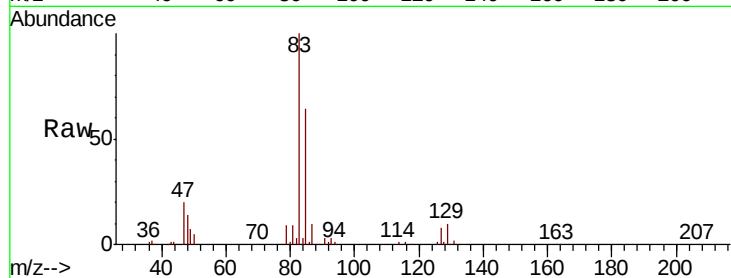




#47
 Bromodichloromethane
 Concen: 52.237 ug/l
 RT: 9.38 min Scan# 2367
 Delta R.T. 0.00 min
 Lab File: VN061065.D
 Acq: 17 Apr 2020 20:41

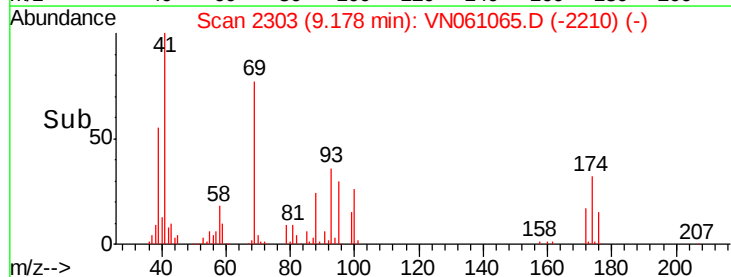
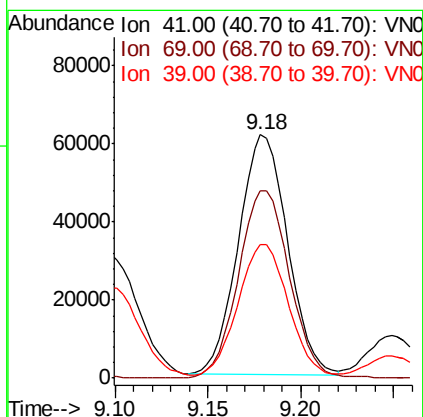
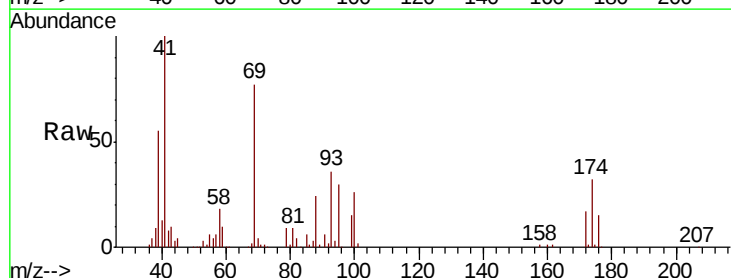
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 83 Resp: 139043
 Ion Ratio Lower Upper
 83 100
 85 63.6 50.6 76.0
 127 7.9 6.1 9.1



#48
 Methyl methacrylate
 Concen: 53.689 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: VN061065.D
 Acq: 17 Apr 2020 20:41

Tgt Ion: 41 Resp: 114273
 Ion Ratio Lower Upper
 41 100
 69 81.0 65.3 97.9
 39 55.0 45.2 67.8

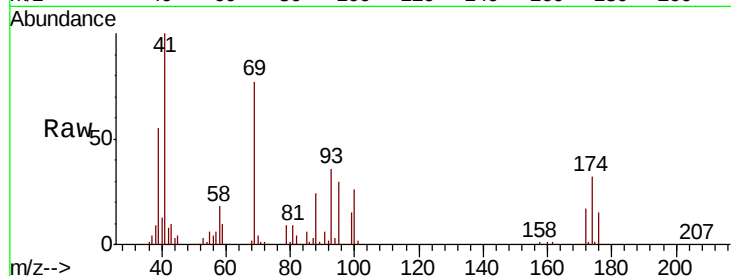




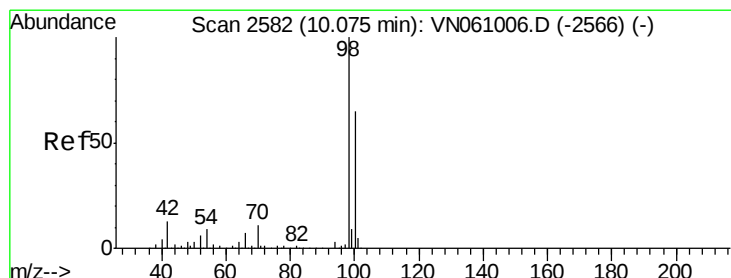
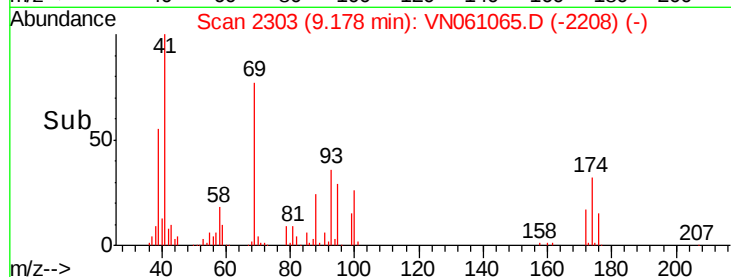
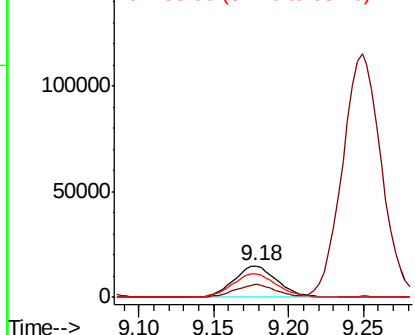
#49
1,4-Dioxane
Concen: 1015.877 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN061065.D
Acq: 17 Apr 2020 20:41

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 30029
Ion Ratio Lower Upper
88 100
43 39.3 30.9 46.3
58 76.2 59.8 89.8

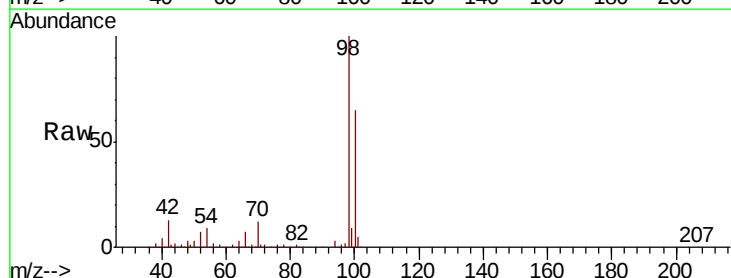


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

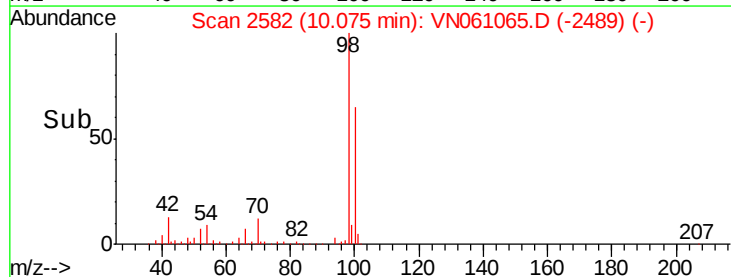
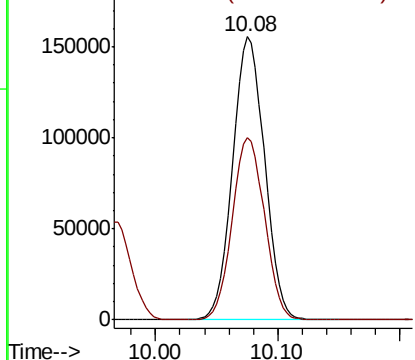


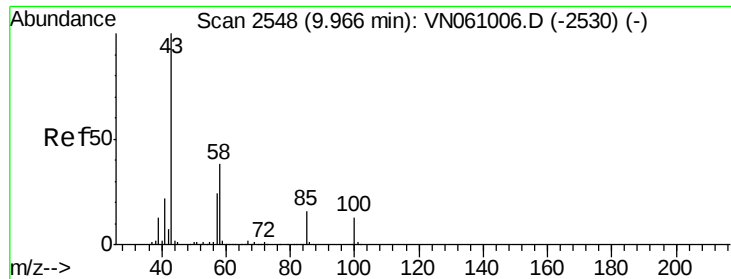
#50
Toluene-d8
Concen: 48.526 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. 0.00 min
Lab File: VN061065.D
Acq: 17 Apr 2020 20:41

Tgt Ion: 98 Resp: 283014
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

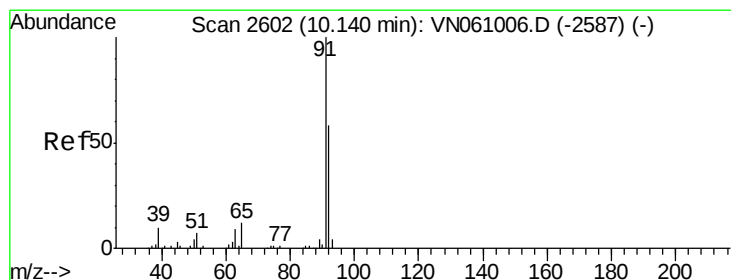
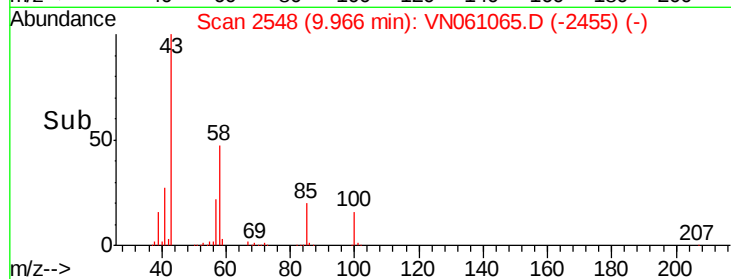
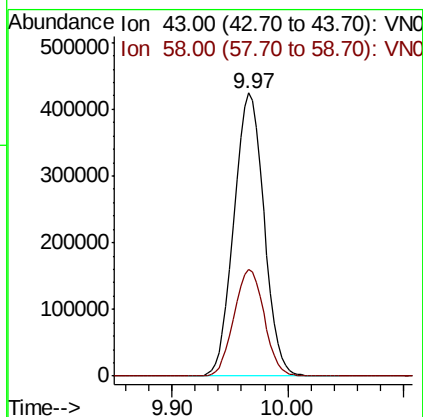
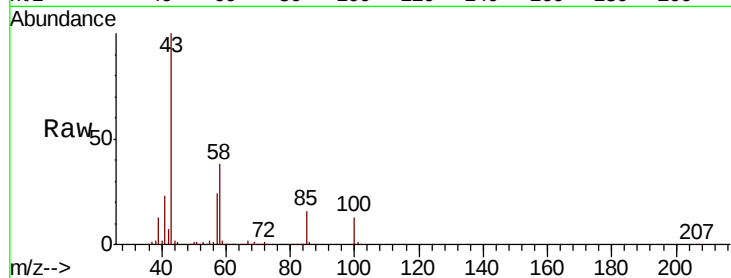




#51
4-Methyl-2-Pentanone
Concen: 274.482 ug/l
RT: 9.97 min Scan# 2548
Delta R.T. 0.00 min
Lab File: VN061065.D
Acq: 17 Apr 2020 20:41

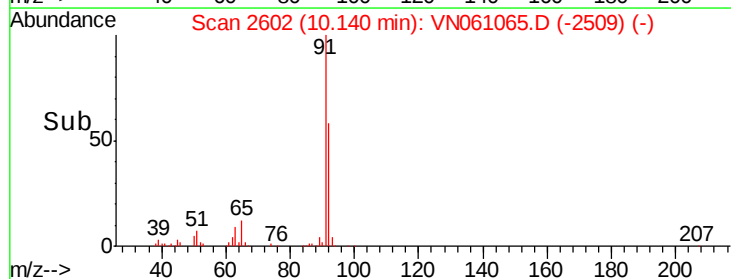
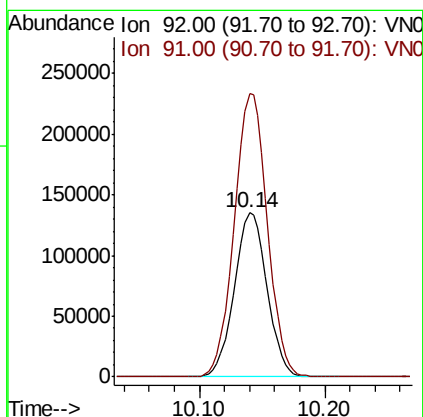
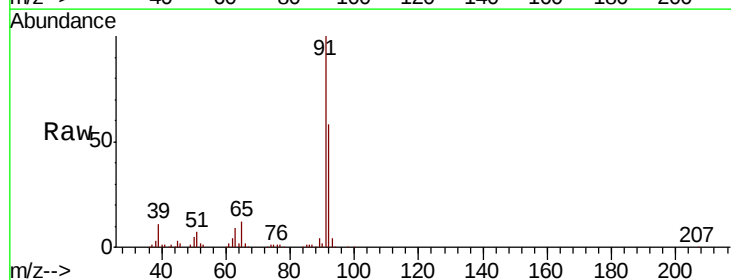
Instrument :
MSVOA_N
ClientSampleId :

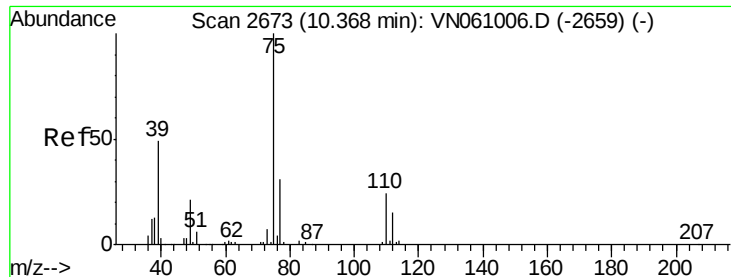
Tot Ion: 43 Resp: 762074
Ion Ratio Lower Upper
43 100
58 37.8 30.3 45.5



#52
Toluene
Concen: 50.402 ug/l
RT: 10.14 min Scan# 2602
Delta R.T. 0.00 min
Lab File: VN061065.D
Acq: 17 Apr 2020 20:41

Tgt Ion: 92 Resp: 244638
Ion Ratio Lower Upper
92 100
91 174.3 137.7 206.5





#53

t-1,3-Dichloropropene

Concen: 51.361 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. 0.00 min

Lab File: VN061065.D

Acq: 17 Apr 2020 20:41

Instrument :

MSVOA_N

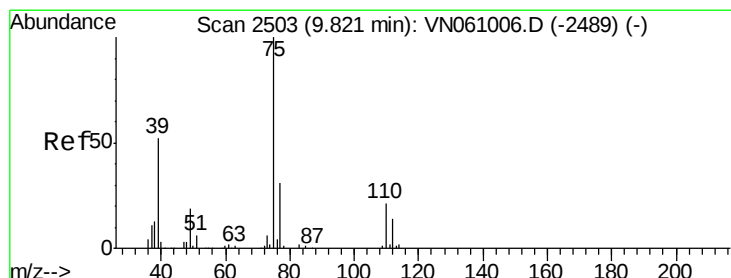
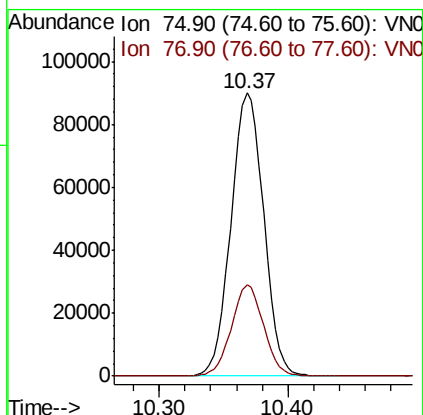
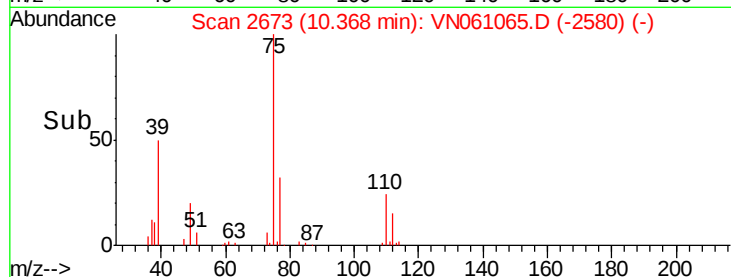
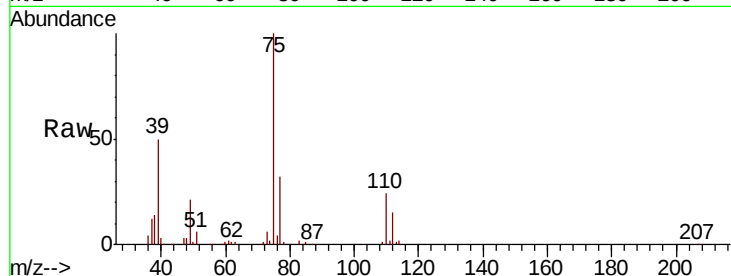
ClientSampled :

Tot Ion: 75 Resp: 158800

Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 50.189 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN061065.D

Acq: 17 Apr 2020 20:41

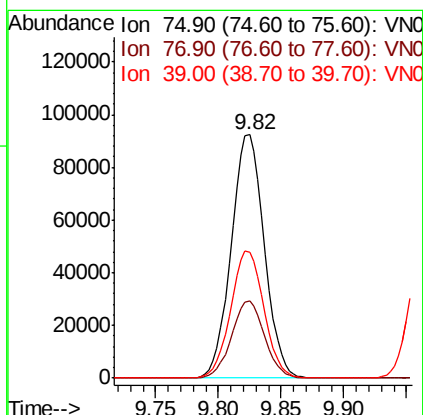
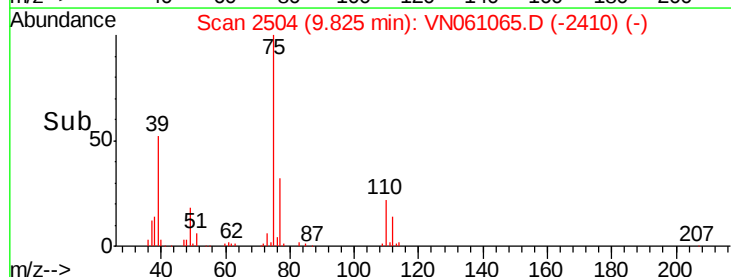
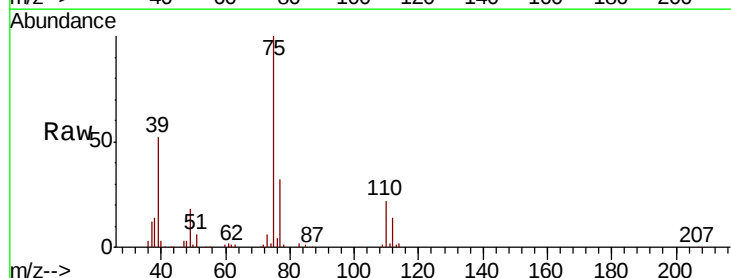
Tgt Ion: 75 Resp: 169313

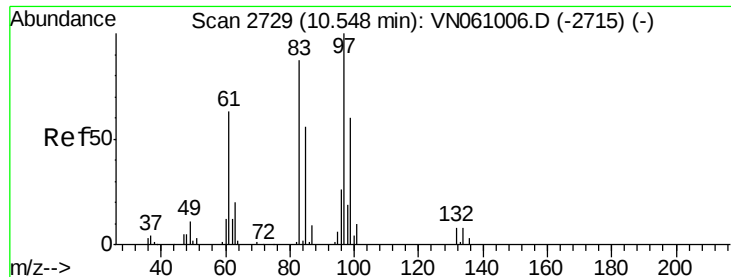
Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.6

39 51.6 41.4 62.2

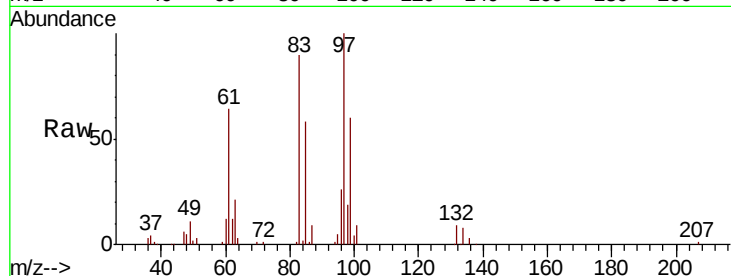




#55
 1,1,2-Trichloroethane
 Concen: 51.777 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: VN061065.D
 Acq: 17 Apr 2020 20:41

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	95106
Ion	Ratio	Lower	Upper
97	100		
83	90.1	69.5	104.3
85	58.0	45.0	67.4
99	60.5	47.9	71.9



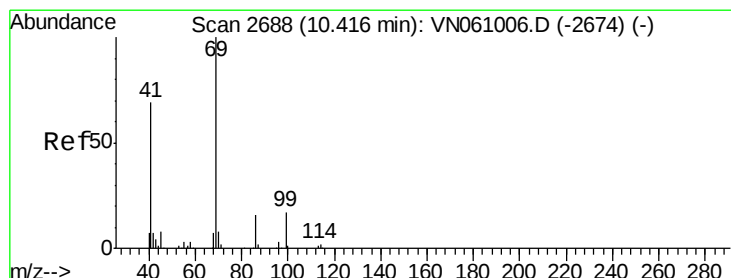
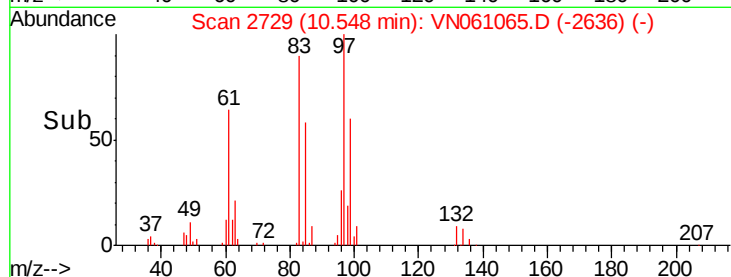
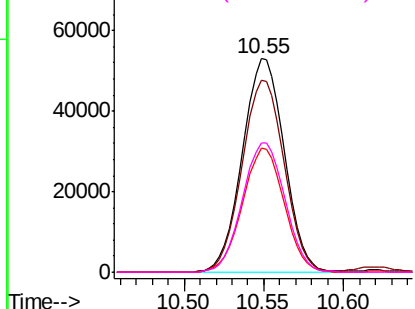
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

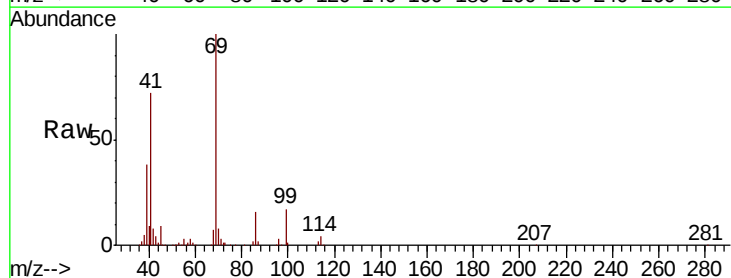
Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56
 Ethyl methacrylate
 Concen: 54.926 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN061065.D
 Acq: 17 Apr 2020 20:41

Tgt Ion:	69	Resp:	158647
Ion	Ratio	Lower	Upper
69	100		
41	70.5	56.7	85.1
39	37.1	29.4	44.0

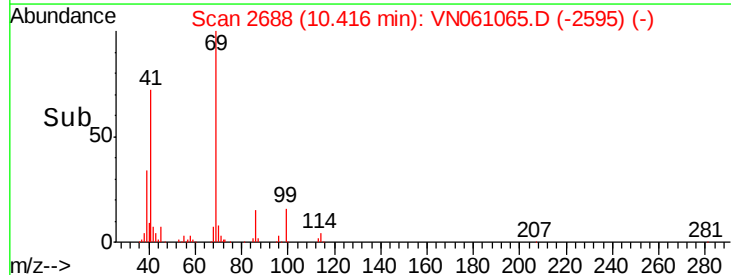
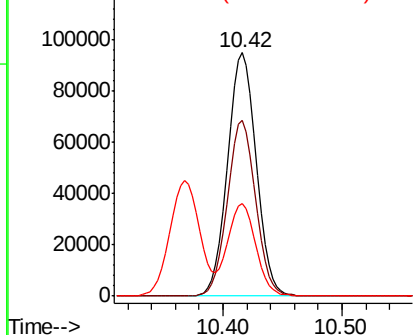


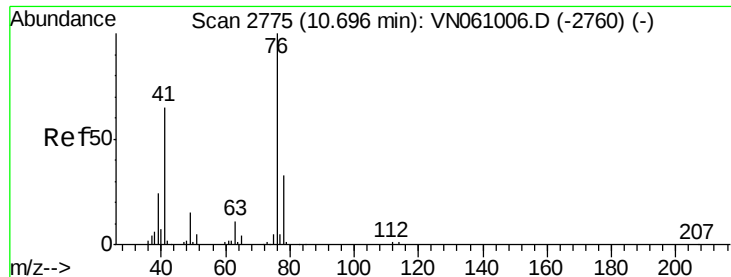
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 51.207 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN061065.D

Acq: 17 Apr 2020 20:41

Instrument :

MSVOA_N

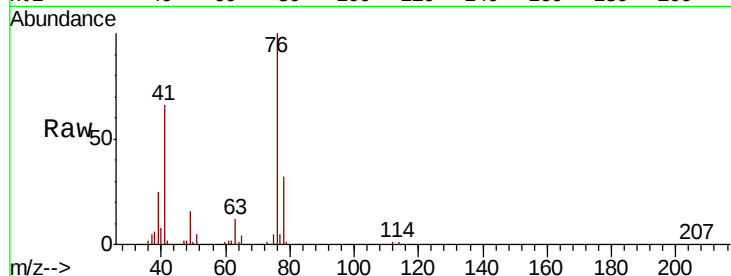
ClientSampleId :

Tot Ion: 76 Resp: 167772

Ion Ratio Lower Upper

76 100

78 31.6 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VN061006.D (-2760) (-)

Ion 77.90 (77.60 to 78.60): VN061006.D (-2760) (-)

10.70

80000

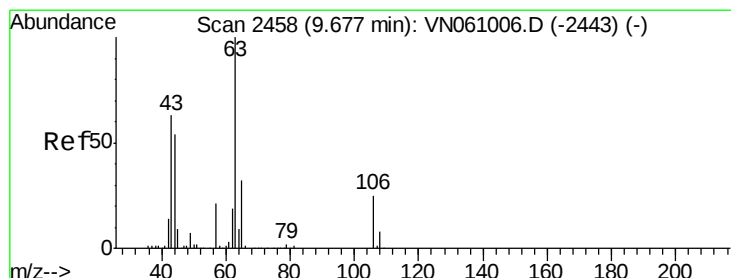
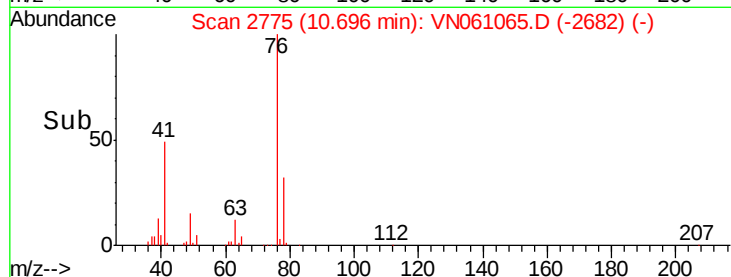
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 274.412 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. 0.00 min

Lab File: VN061065.D

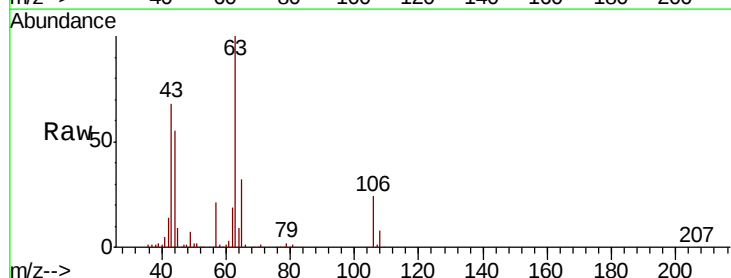
Acq: 17 Apr 2020 20:41

Tgt Ion: 63 Resp: 360159

Ion Ratio Lower Upper

63 100

106 24.1 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN061006.D (-2443) (-)

Ion 105.90 (105.60 to 106.60): VN061006.D (-2443) (-)

9.68

200000

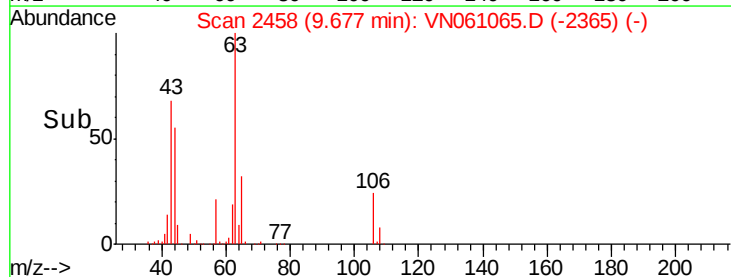
150000

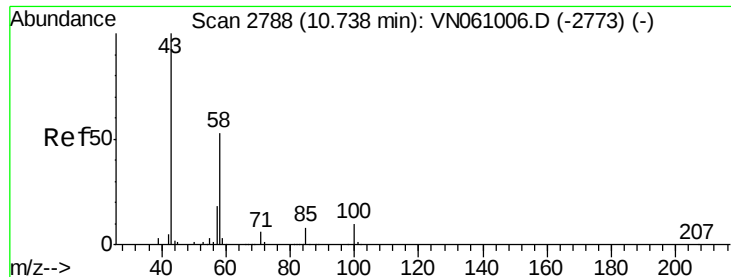
100000

50000

0

Time-->

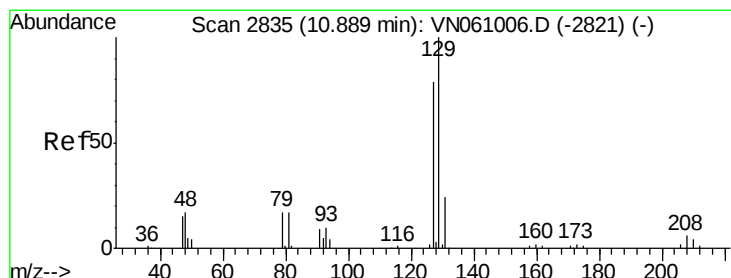
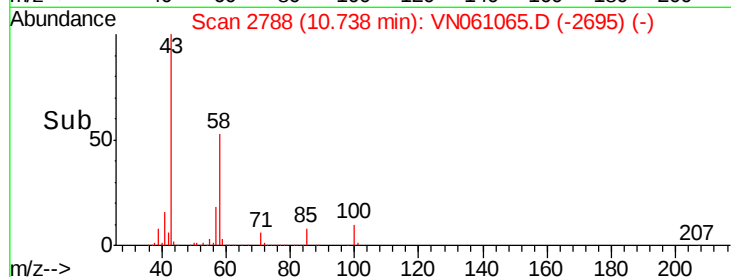
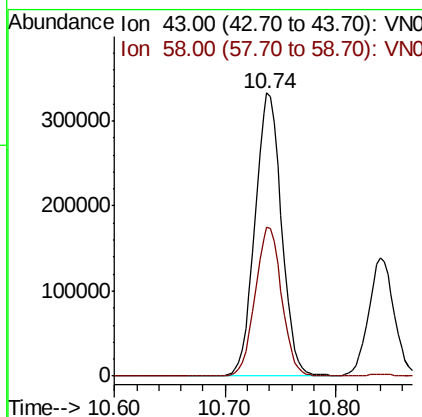
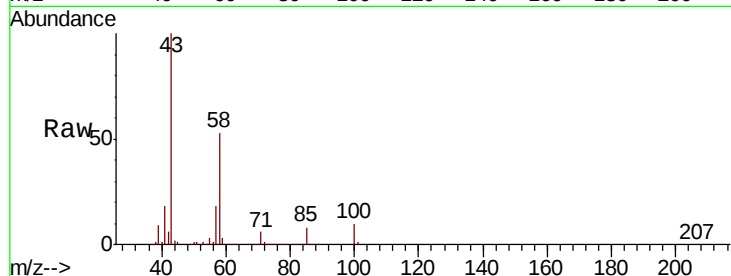




#59
2-Hexanone
Concen: 277.096 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. 0.00 min
Lab File: VN061065.D
Acq: 17 Apr 2020 20:41

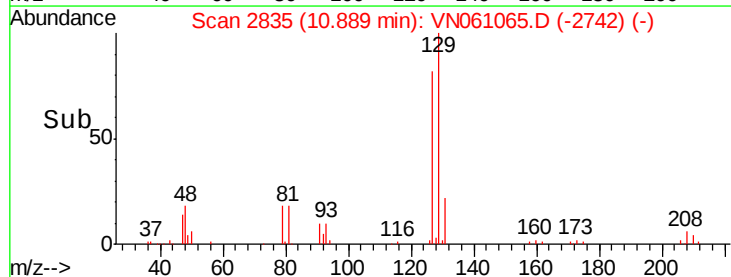
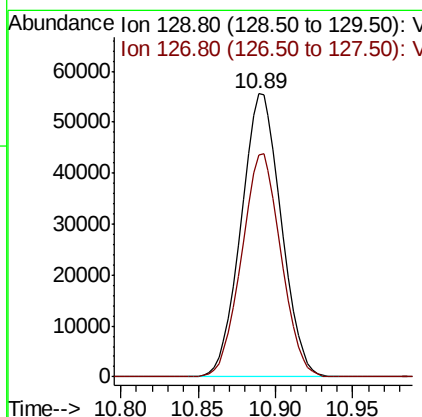
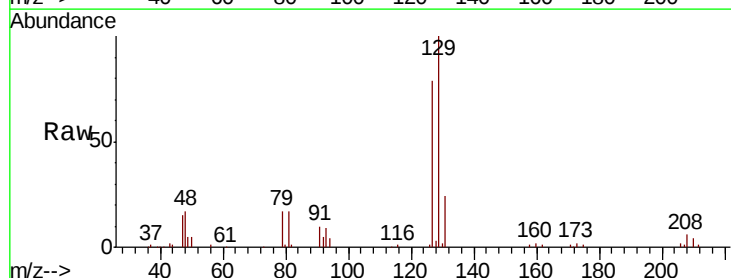
Instrument :
MSVOA_N
ClientSampled :

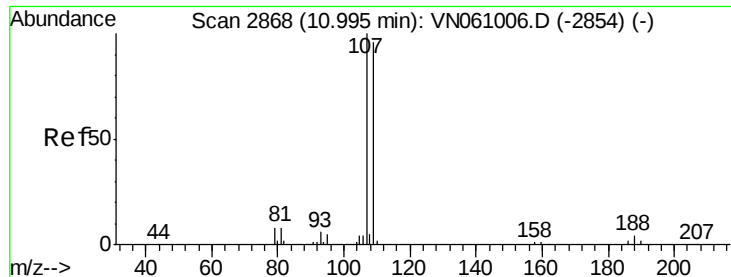
Tot Ion: 43 Resp: 554827
Ion Ratio Lower Upper
43 100
58 52.8 26.4 79.0



#60
Dibromochloromethane
Concen: 53.117 ug/l
RT: 10.89 min Scan# 2835
Delta R.T. 0.00 min
Lab File: VN061065.D
Acq: 17 Apr 2020 20:41

Tgt Ion: 129 Resp: 100225
Ion Ratio Lower Upper
129 100
127 77.5 39.0 116.9

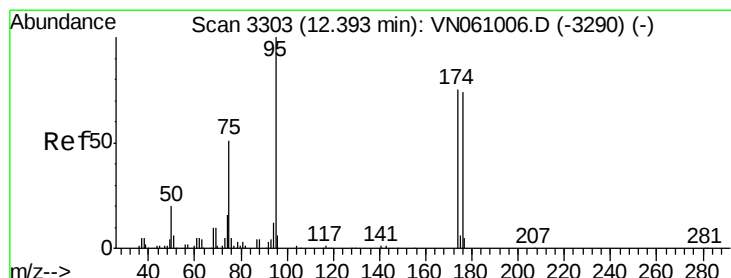
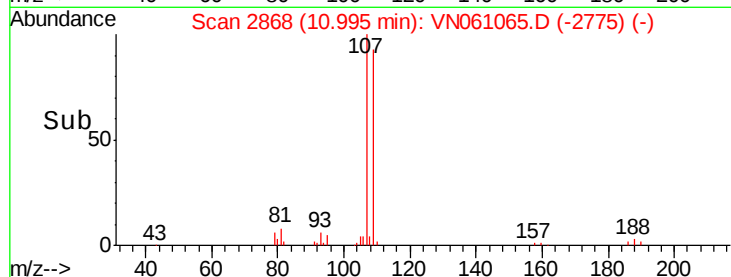
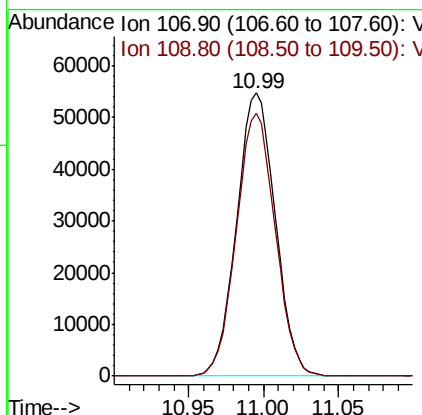
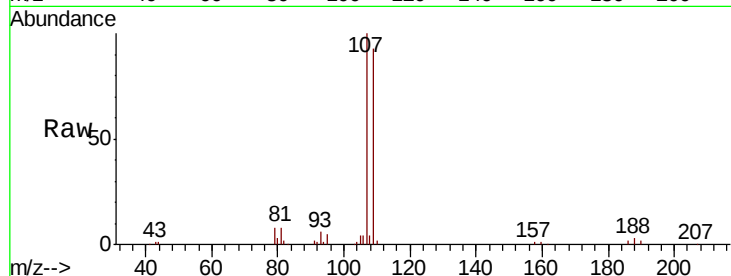




#61
 1,2-Dibromoethane
 Concen: 52.611 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: VN061065.D
 Acq: 17 Apr 2020 20:41

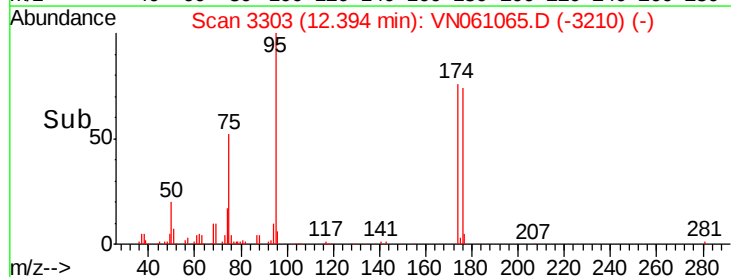
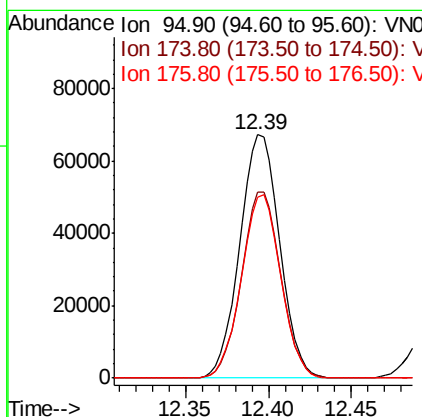
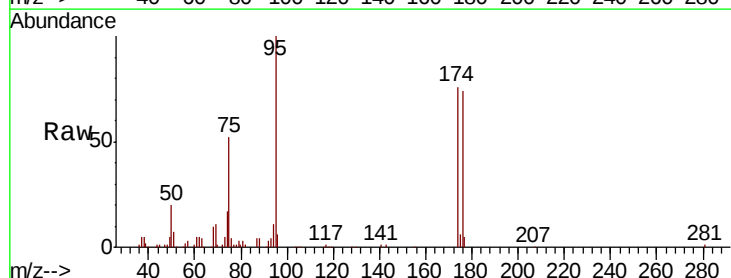
Instrument :
 MSVOA_N
 ClientSampleId :

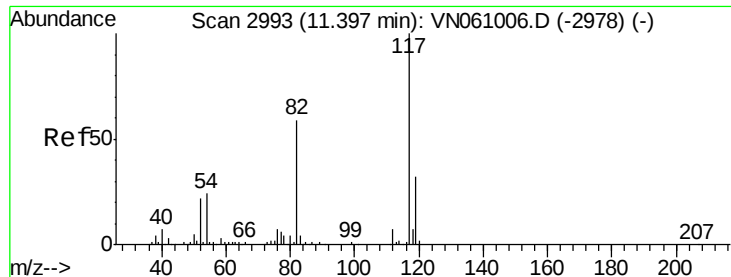
Tot Ion:107 Resp: 98472
 Ion Ratio Lower Upper
 107 100
 109 93.4 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 49.450 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. 0.00 min
 Lab File: VN061065.D
 Acq: 17 Apr 2020 20:41

Tgt Ion: 95 Resp: 113035
 Ion Ratio Lower Upper
 95 100
 174 75.2 0.0 151.2
 176 74.0 0.0 148.2

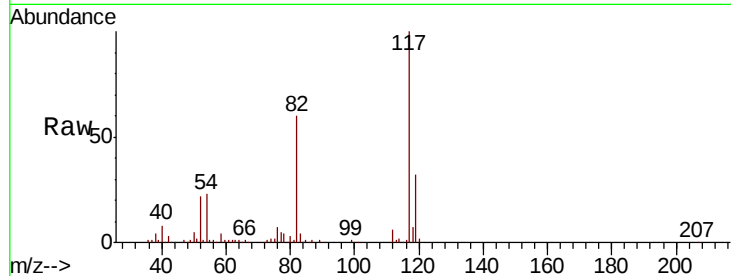




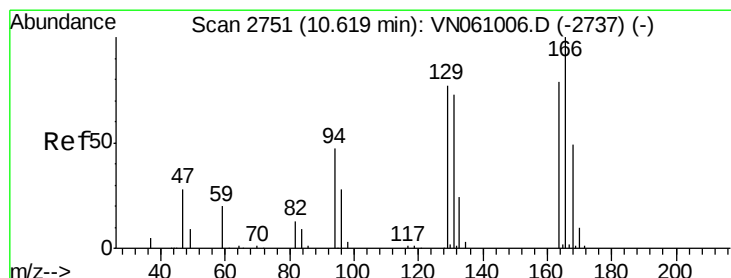
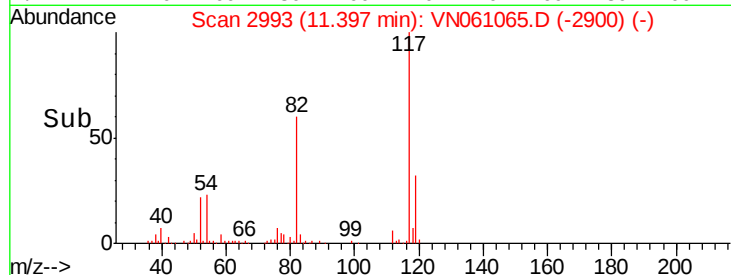
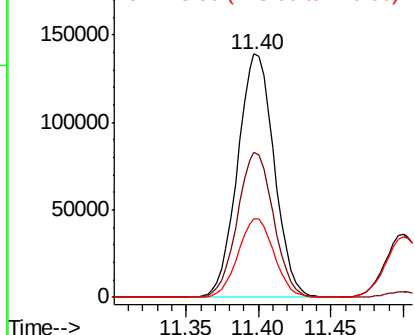
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061065.D
Acq: 17 Apr 2020 20:41

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 243798
Ion Ratio Lower Upper
117 100
82 59.7 47.1 70.7
119 32.5 25.7 38.5

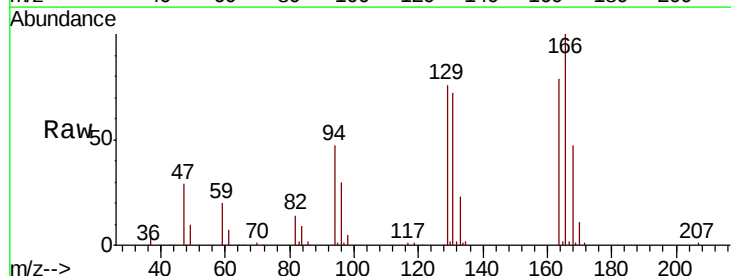


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

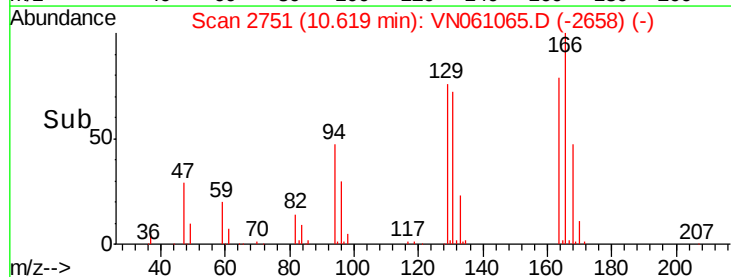
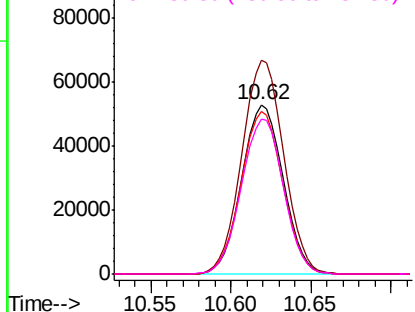


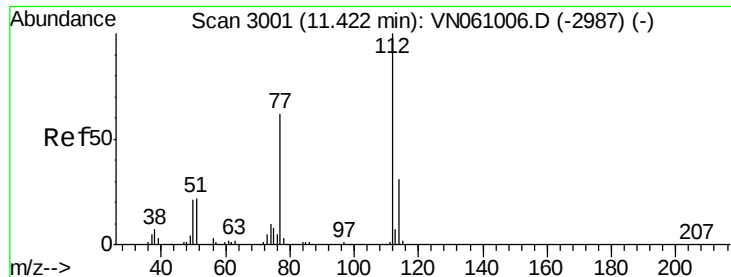
#64
Tetrachloroethene
Concen: 50.334 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. 0.00 min
Lab File: VN061065.D
Acq: 17 Apr 2020 20:41

Tgt Ion:164 Resp: 93902
Ion Ratio Lower Upper
164 100
166 126.4 101.6 152.4
129 96.3 78.5 117.7
131 91.6 74.3 111.5



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: 49.246 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. 0.00 min

Lab File: VN061065.D

Acq: 17 Apr 2020 20:41

Instrument :

MSVOA_N

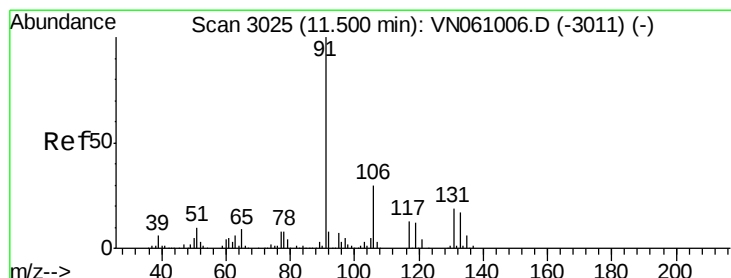
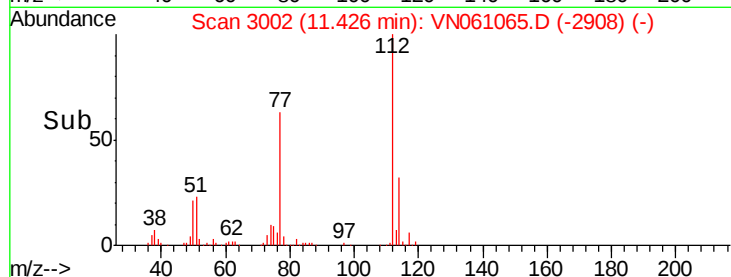
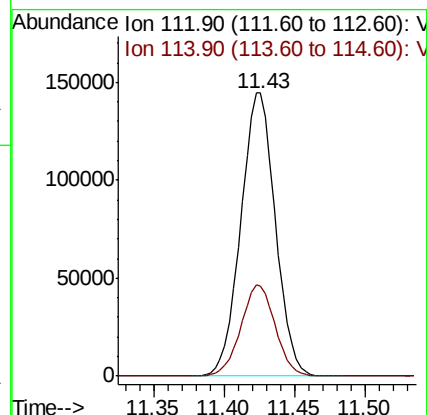
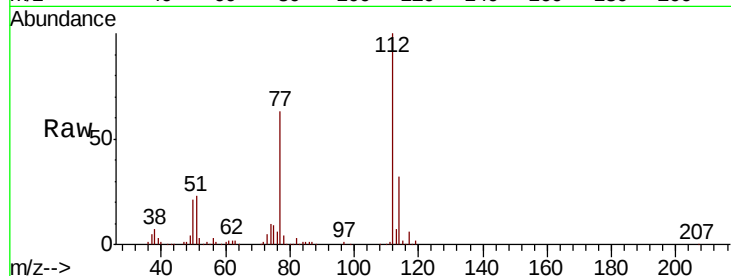
ClientSampleId :

Tot Ion:112 Resp: 247851

Ion Ratio Lower Upper

112 100

114 31.8 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 50.576 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. 0.00 min

Lab File: VN061065.D

Acq: 17 Apr 2020 20:41

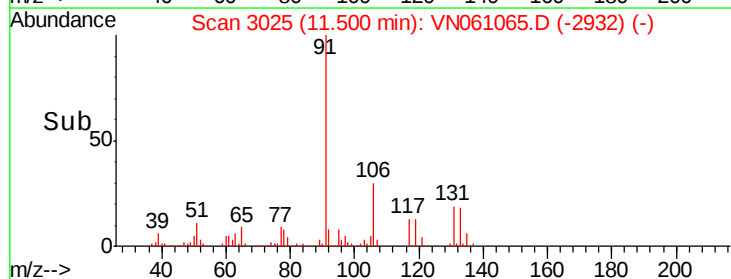
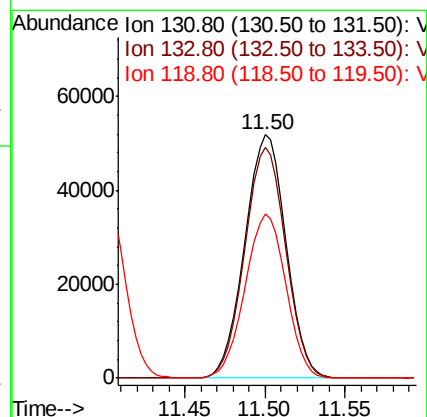
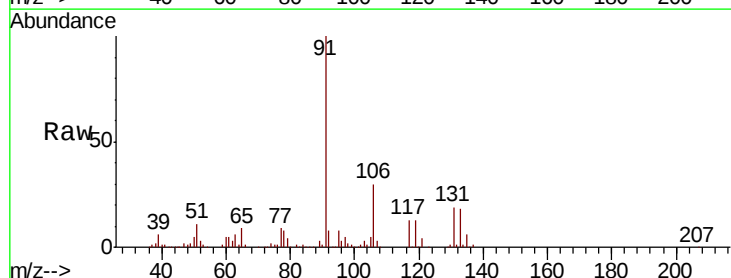
Tgt Ion:131 Resp: 91067

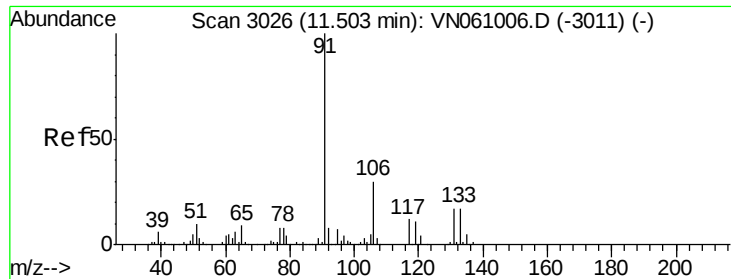
Ion Ratio Lower Upper

131 100

133 94.5 47.9 143.8

119 66.9 33.3 99.8

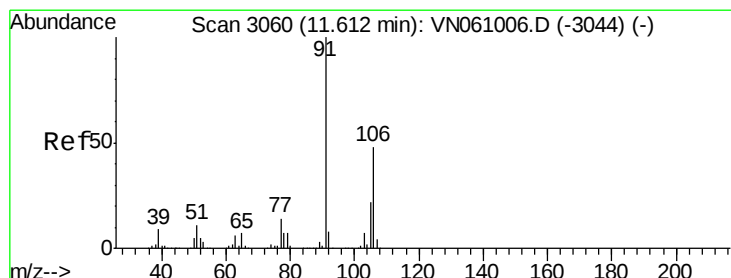
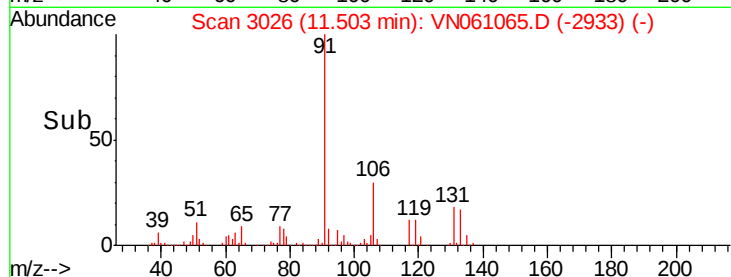
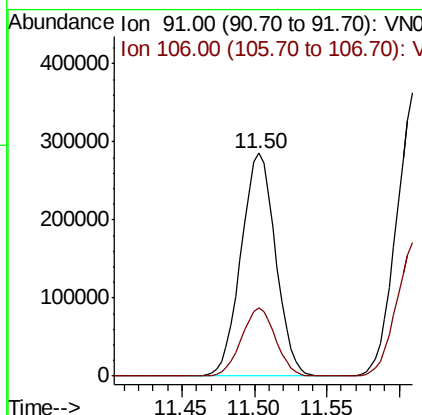
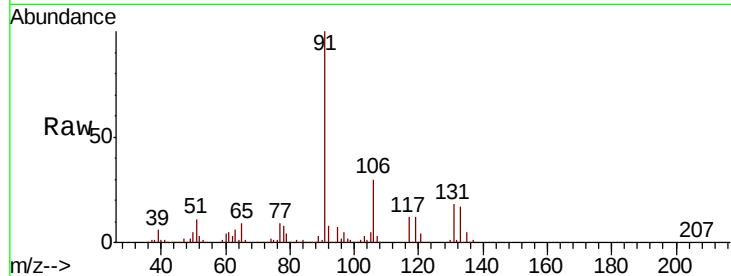




#67
Ethyl Benzene
Concen: 49.995 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN061065.D
Acq: 17 Apr 2020 20:41

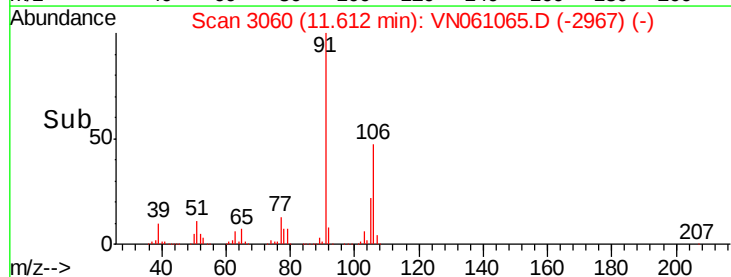
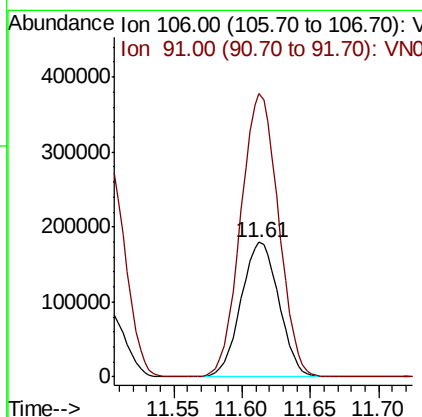
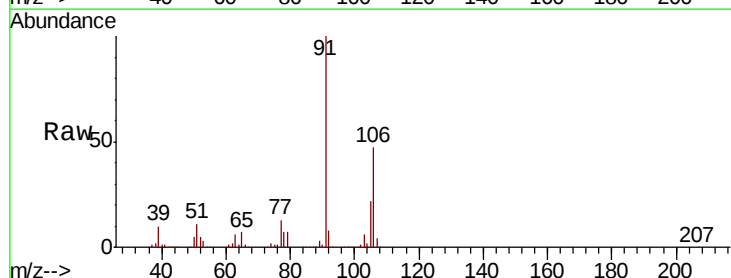
Instrument :
MSVOA_N
ClientSampled :

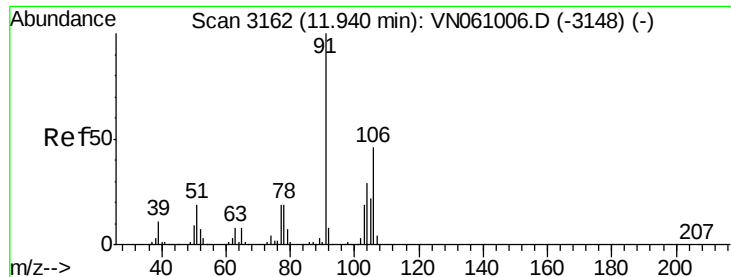
Tot Ion: 91 Resp: 473308
Ion Ratio Lower Upper
91 100
106 30.4 23.8 35.8



#68
m/p-Xylenes
Concen: 100.993 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. 0.00 min
Lab File: VN061065.D
Acq: 17 Apr 2020 20:41

Tgt Ion: 106 Resp: 345536
Ion Ratio Lower Upper
106 100
91 210.0 167.9 251.9

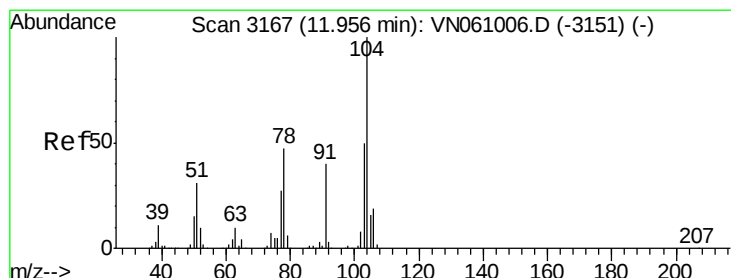
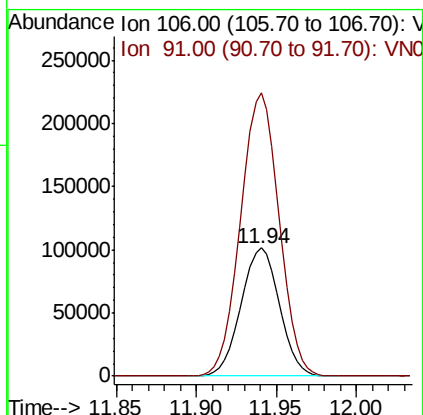
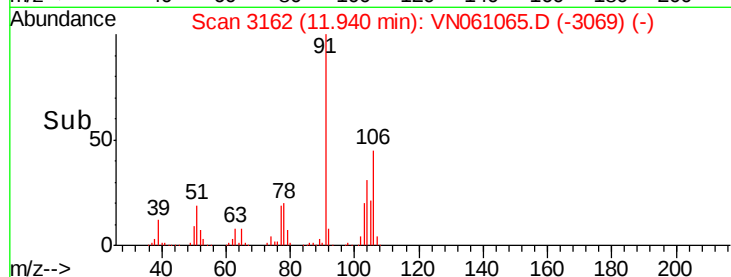
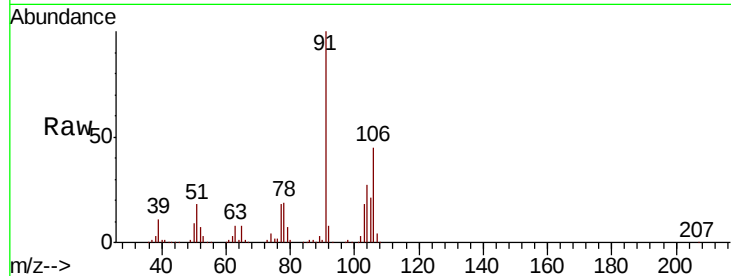




#69
o-Xylene
Concen: 50.420 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN061065.D
Acq: 17 Apr 2020 20:41

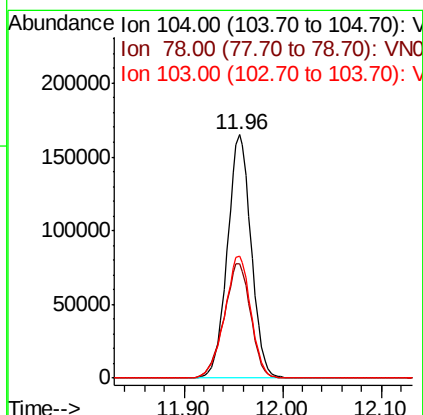
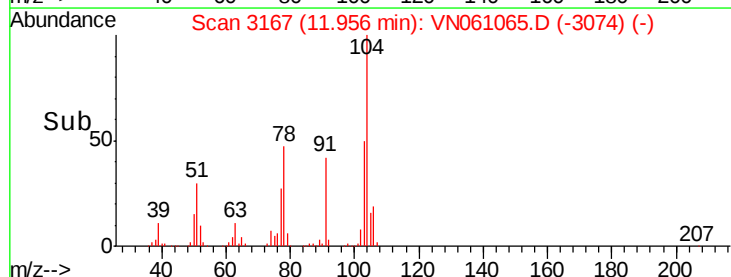
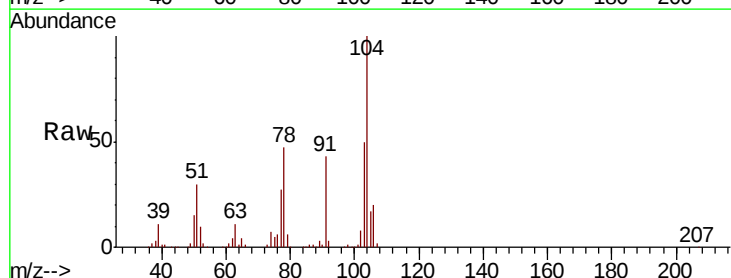
Instrument :
MSVOA_N
ClientSampled :

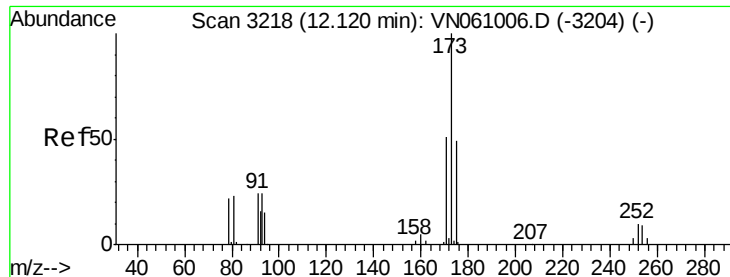
Tot Ion:106 Resp: 165862
Ion Ratio Lower Upper
106 100
91 221.6 110.7 332.1



#70
Styrene
Concen: 52.547 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN061065.D
Acq: 17 Apr 2020 20:41

Tgt Ion:104 Resp: 278287
Ion Ratio Lower Upper
104 100
78 52.8 42.2 63.4
103 55.1 44.4 66.6

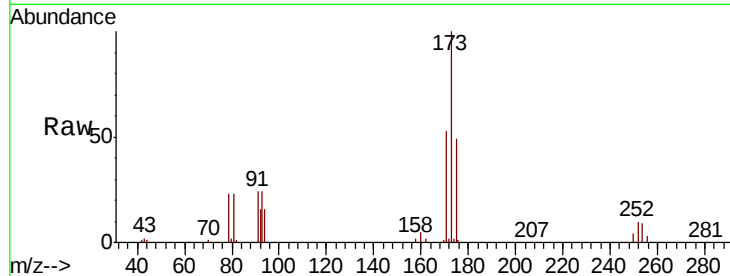




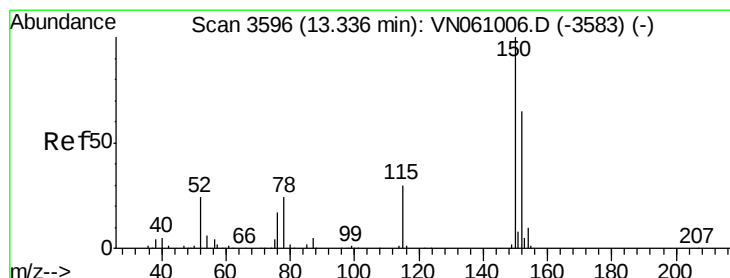
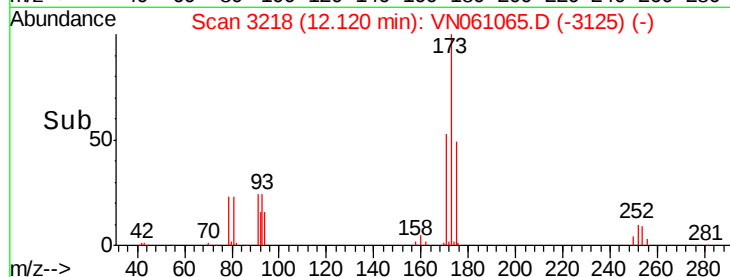
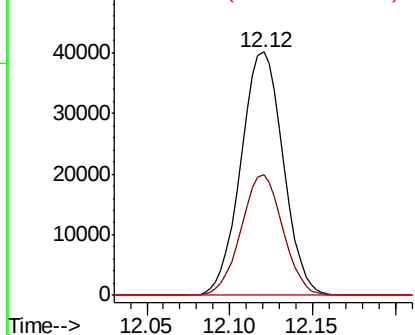
#71
Bromoform
Concen: 53.116 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061065.D
Acq: 17 Apr 2020 20:41

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 71391
Ion Ratio Lower Upper
173 100
175 48.6 24.5 73.5
254 0.0 0.0 0.0

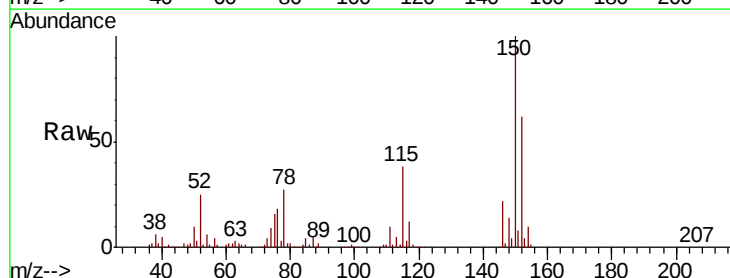


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

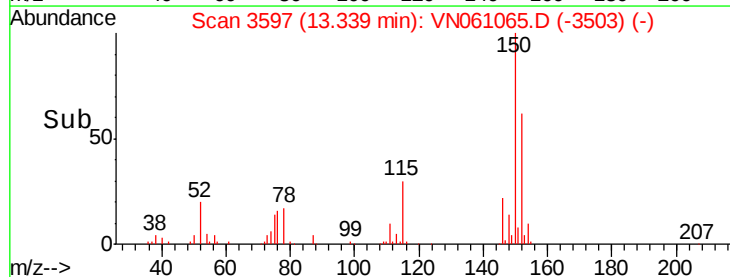
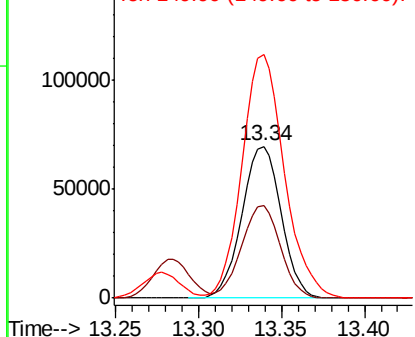


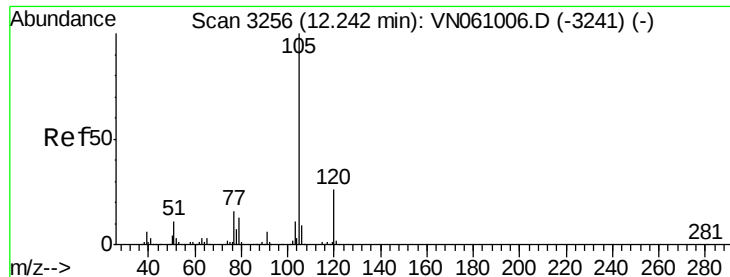
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN061065.D
Acq: 17 Apr 2020 20:41

Tgt Ion:152 Resp: 114773
Ion Ratio Lower Upper
152 100
115 60.7 30.8 92.4
150 173.3 0.0 349.0



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: 48.582 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN061065.D

Acq: 17 Apr 2020 20:41

Instrument :

MSVOA_N

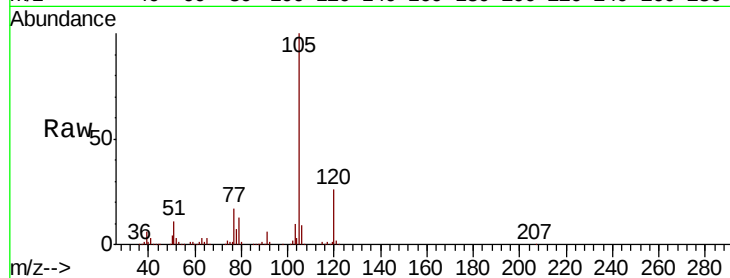
ClientSampleId :

Tot Ion:105 Resp: 446716

Ion Ratio Lower Upper

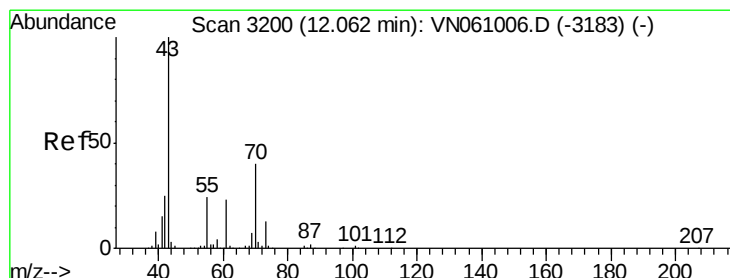
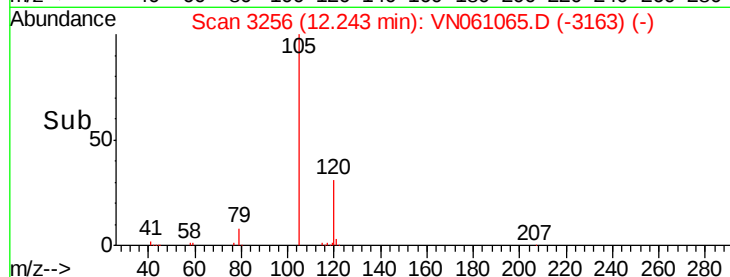
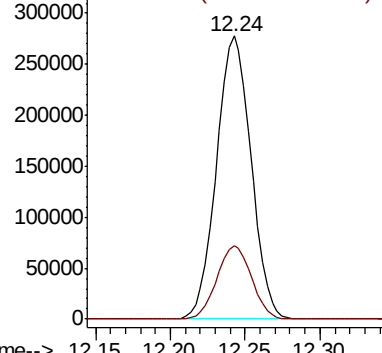
105 100

120 26.0 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.099 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN061065.D

Acq: 17 Apr 2020 20:41

Tgt Ion: 43 Resp: 218499

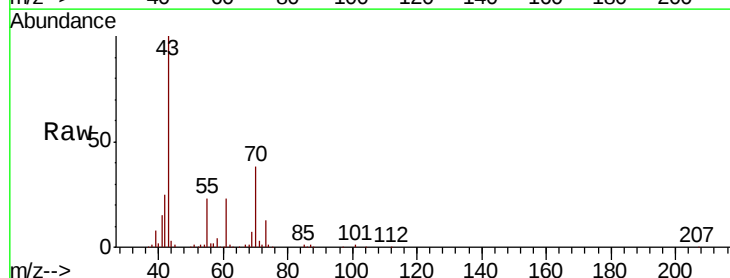
Ion Ratio Lower Upper

43 100

70 38.1 31.0 46.6

55 23.2 18.6 27.8

61 23.0 18.2 27.4

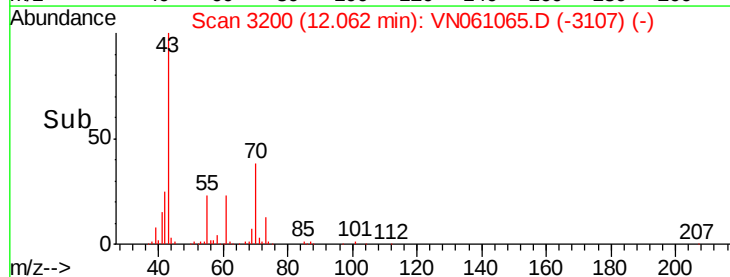
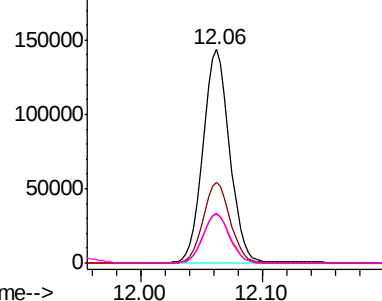


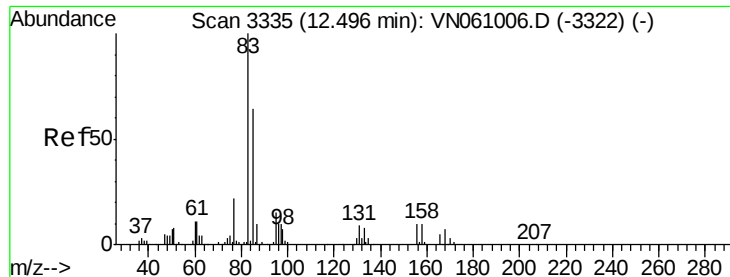
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.269 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. 0.00 min

Lab File: VN061065.D

Acq: 17 Apr 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

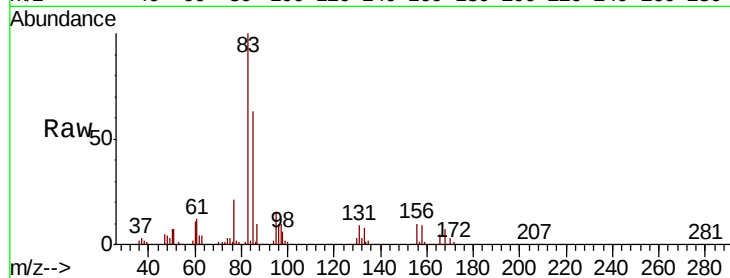
Tot Ion: 83 Resp: 143904

Ion Ratio Lower Upper

83 100

131 9.3 4.8 14.3

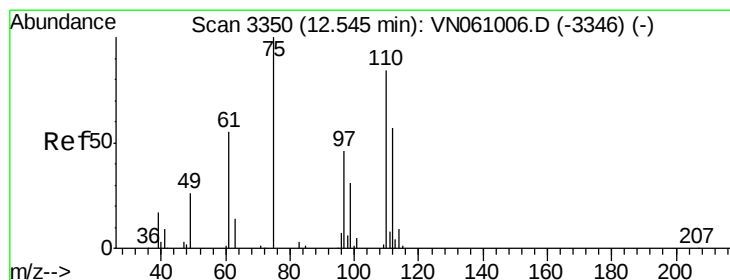
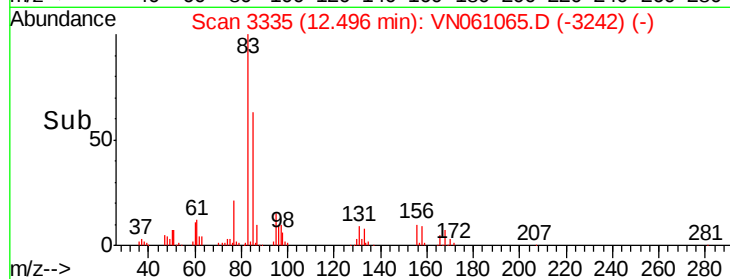
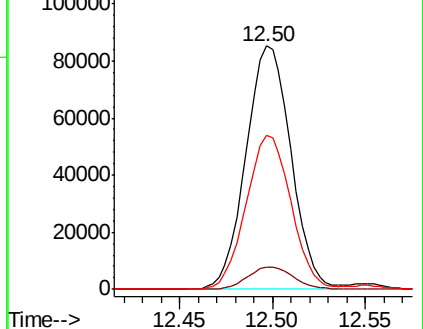
85 63.3 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN061006.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN061006.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN061006.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 76.070 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN061065.D

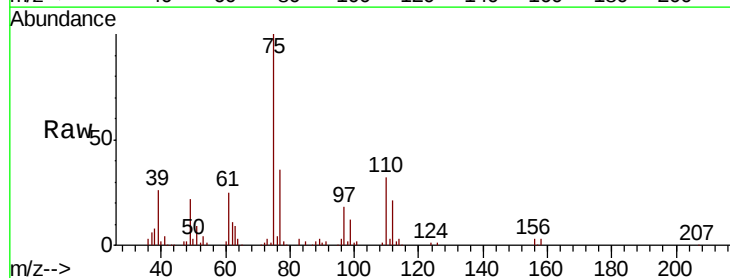
Acq: 17 Apr 2020 20:41

Tgt Ion: 75 Resp: 192042

Ion Ratio Lower Upper

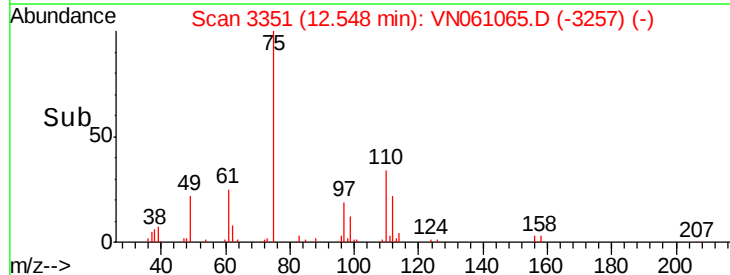
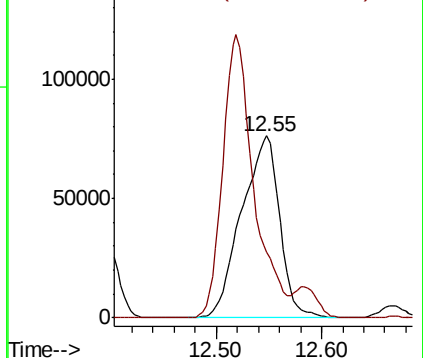
75 100

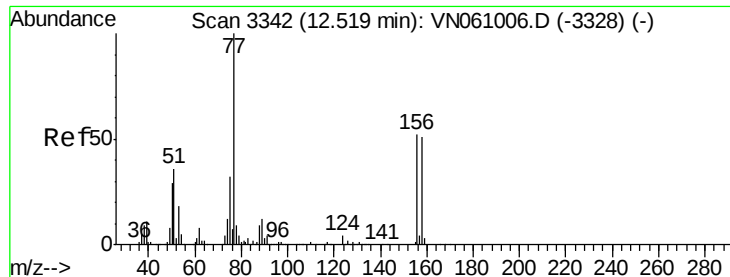
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061006.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN061006.D (-3346) (-)





#77

Bromobenzene

Concen: 48.602 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN061065.D

Acq: 17 Apr 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

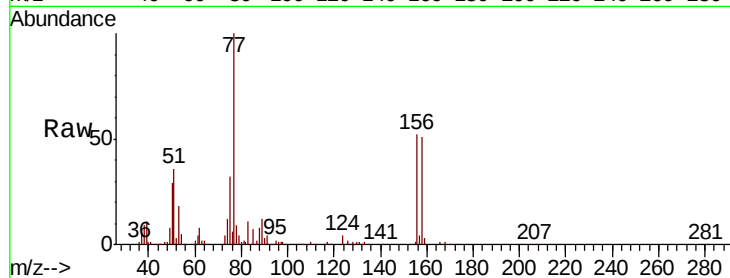
Tot Ion:156 Resp: 104342

Ion Ratio Lower Upper

156 100

77 232.5 115.6 346.8

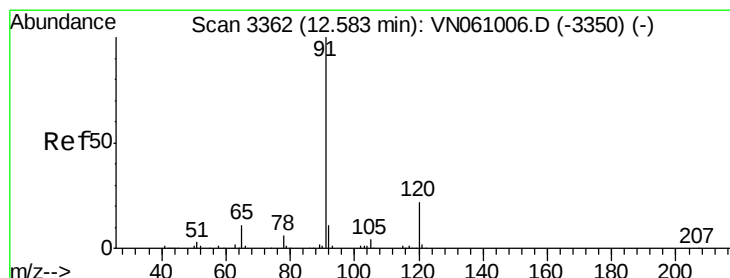
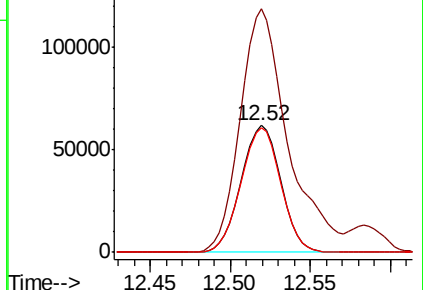
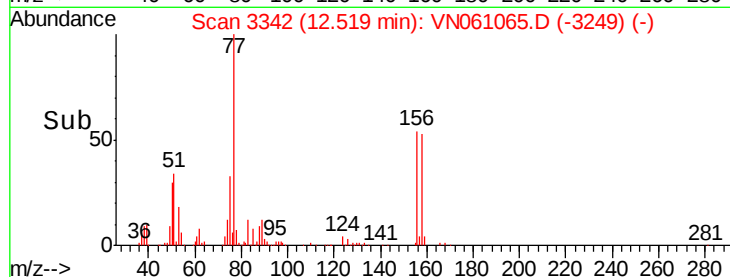
158 98.1 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.794 ug/l

RT: 12.58 min Scan# 3362

Delta R.T. 0.00 min

Lab File: VN061065.D

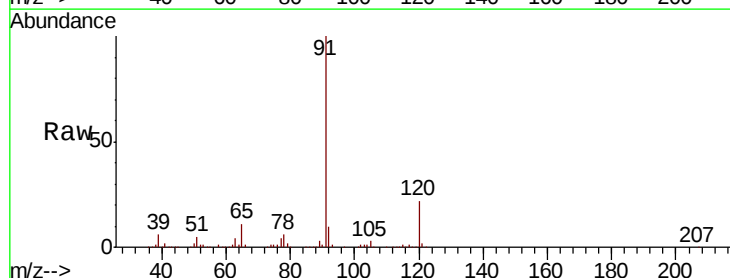
Acq: 17 Apr 2020 20:41

Tgt Ion: 91 Resp: 535684

Ion Ratio Lower Upper

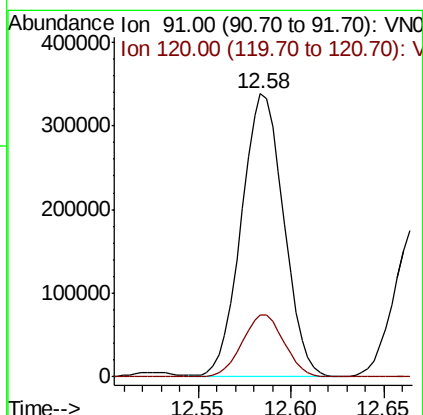
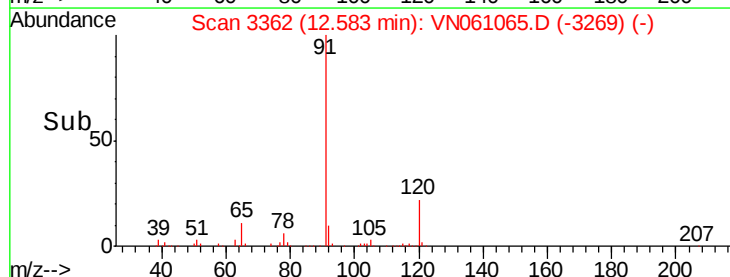
91 100

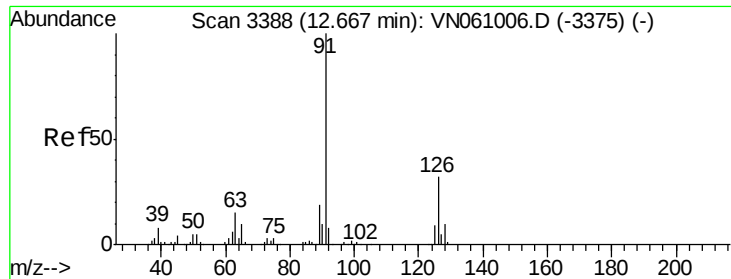
120 21.7 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

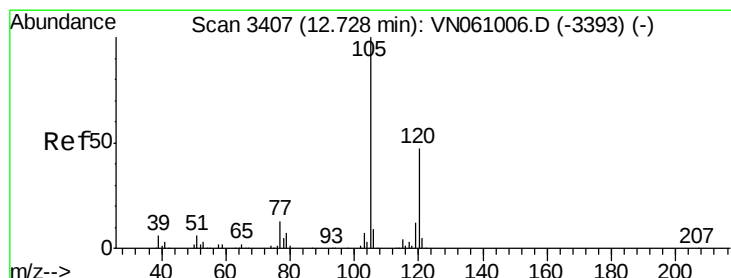
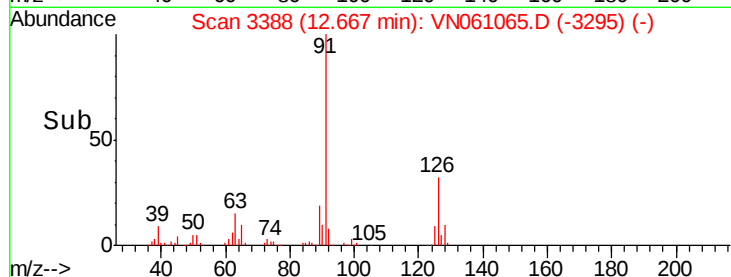
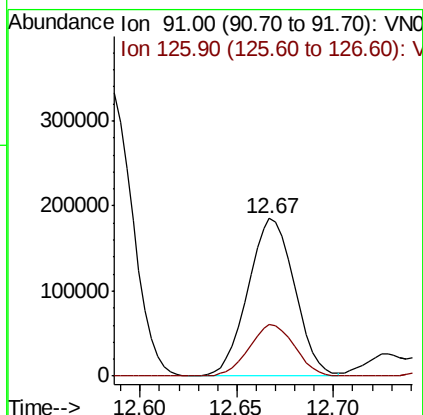
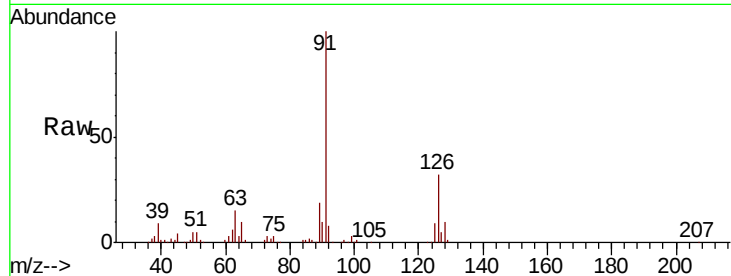




#79
 2-Chlorotoluene
 Concen: 49.149 ug/l
 RT: 12.67 min Scan# 3388
 Delta R.T. 0.00 min
 Lab File: VN061065.D
 Acq: 17 Apr 2020 20:41

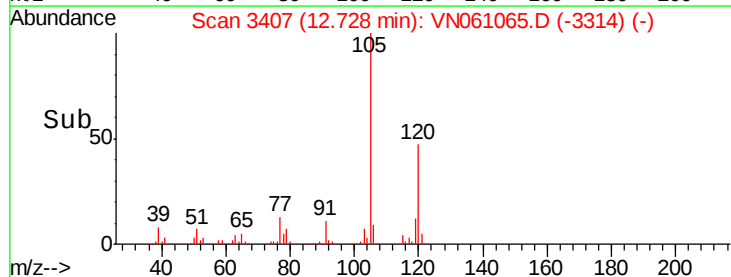
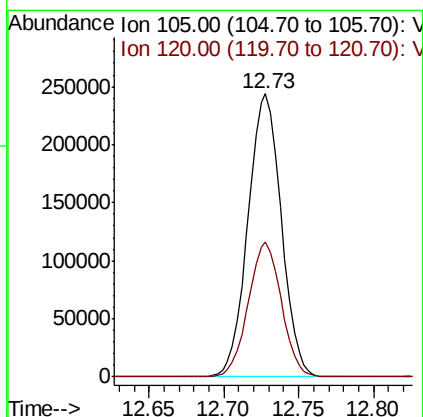
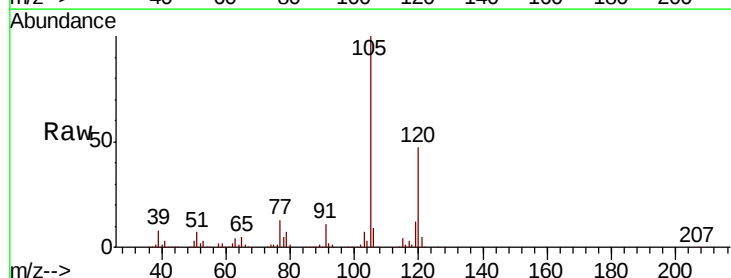
Instrument :
 MSVOA_N
 ClientSampleId :

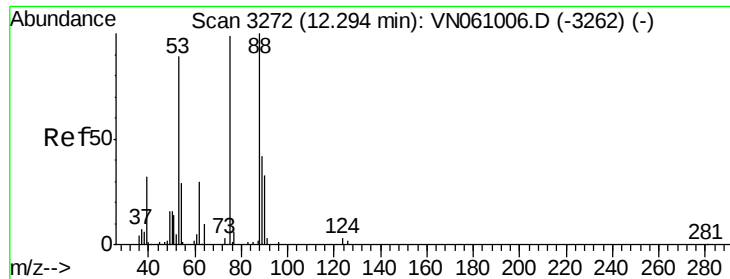
Tot Ion: 91 Resp: 310110
 Ion Ratio Lower Upper
 91 100
 126 32.4 16.1 48.2



#80
 1,3,5-Trimethylbenzene
 Concen: 49.673 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN061065.D
 Acq: 17 Apr 2020 20:41

Tgt Ion: 105 Resp: 377535
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.6 70.8





#81

trans-1,4-Dichloro-2-butene

Concen: 48.868 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN061065.D

Acq: 17 Apr 2020 20:41

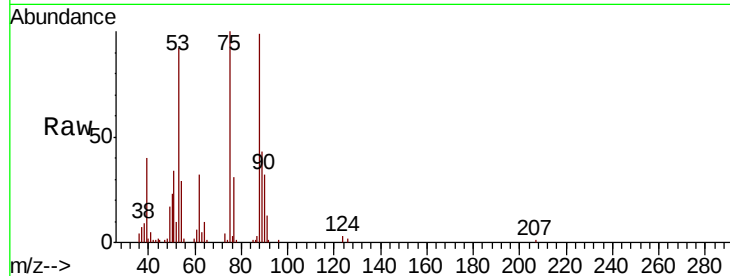
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 75 Resp: 50016

Ion	Ratio	Lower	Upper
75	100		
53	92.3	74.7	112.1
89	41.6	34.6	52.0

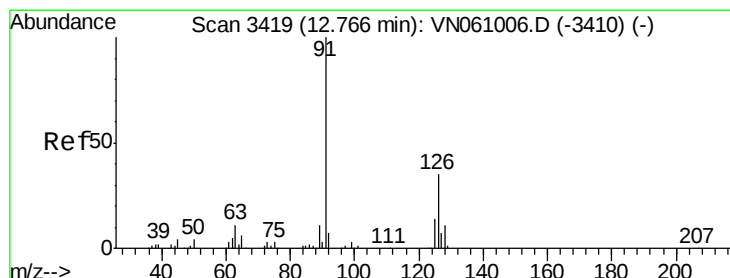
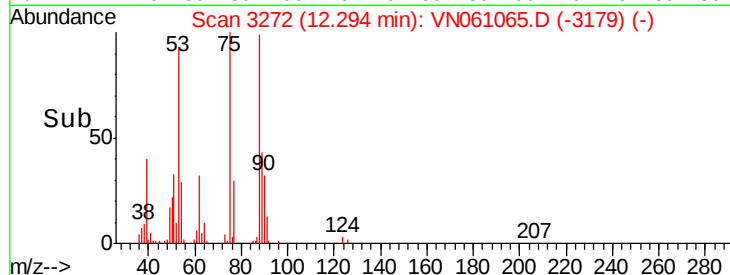
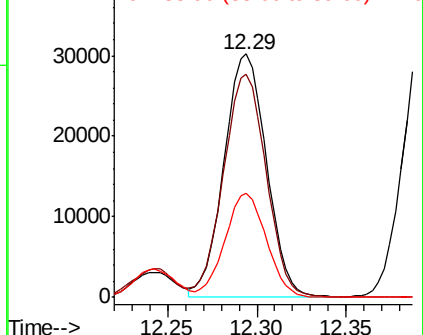


Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 49.627 ug/l

RT: 12.77 min Scan# 3419

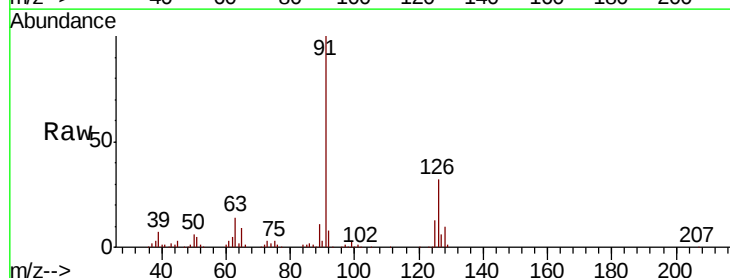
Delta R.T. 0.00 min

Lab File: VN061065.D

Acq: 17 Apr 2020 20:41

Tgt Ion: 91 Resp: 324755

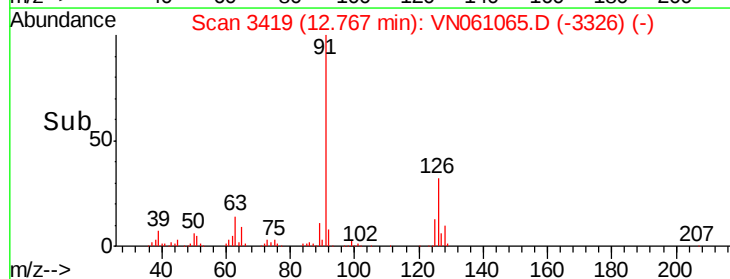
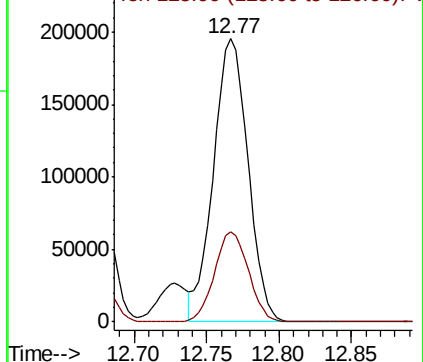
Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.9	47.6

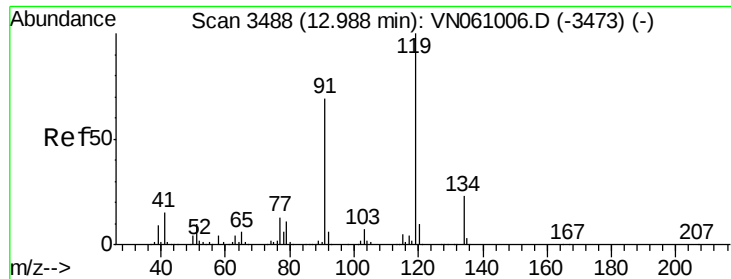


Abundance

Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

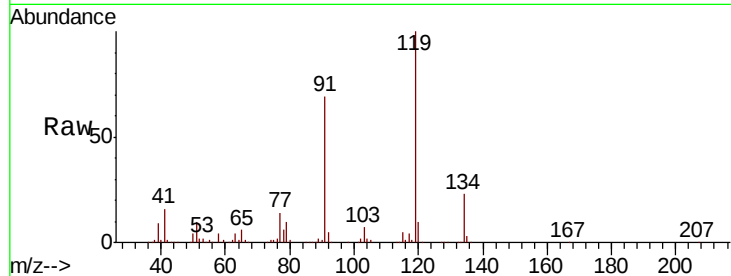




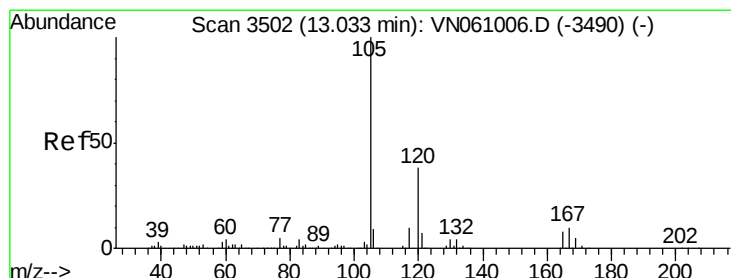
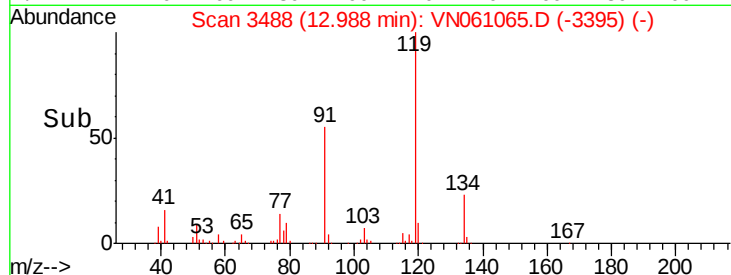
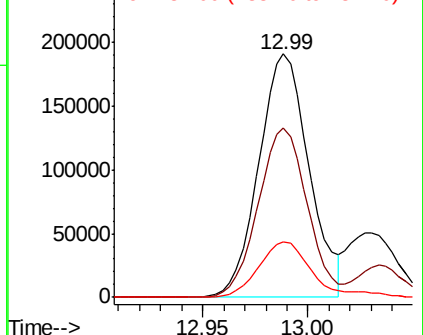
#83
tert-Butylbenzene
Concen: 49.496 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. 0.00 min
Lab File: VN061065.D
Acq: 17 Apr 2020 20:41

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 316371
Ion Ratio Lower Upper
119 100
91 68.2 34.1 102.3
134 24.5 12.4 37.2

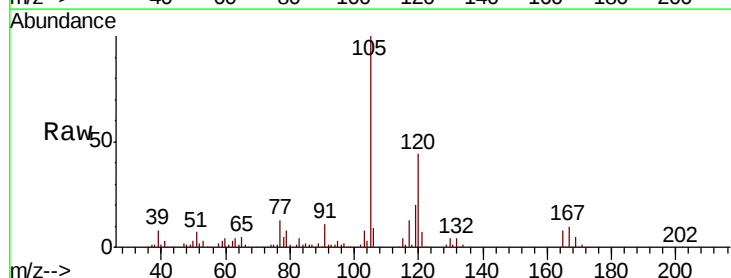


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

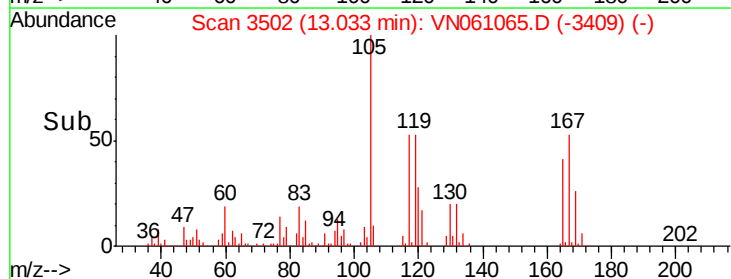
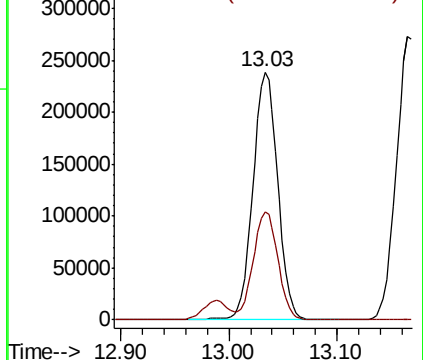


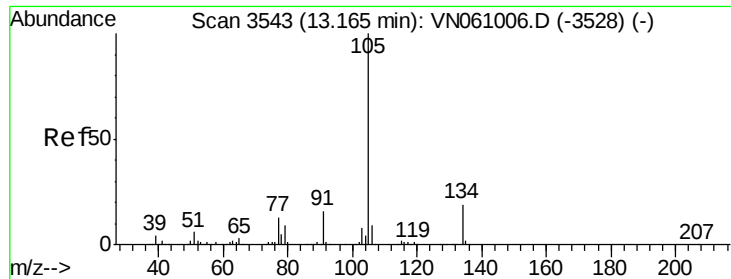
#84
1,2,4-Trimethylbenzene
Concen: 50.388 ug/l
RT: 13.03 min Scan# 3502
Delta R.T. 0.00 min
Lab File: VN061065.D
Acq: 17 Apr 2020 20:41

Tgt Ion:105 Resp: 378555
Ion Ratio Lower Upper
105 100
120 43.8 22.1 66.5



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

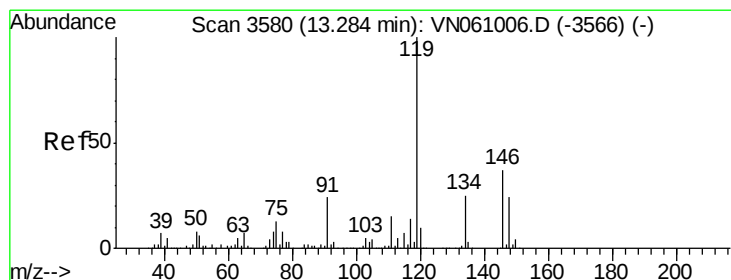
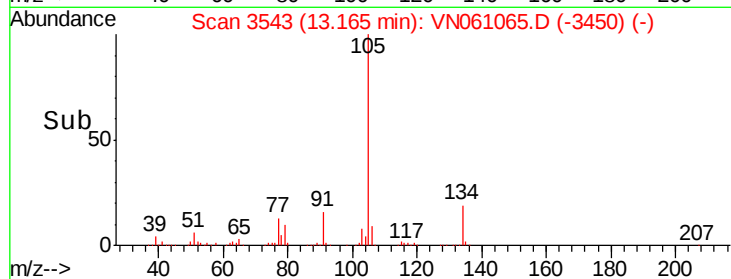
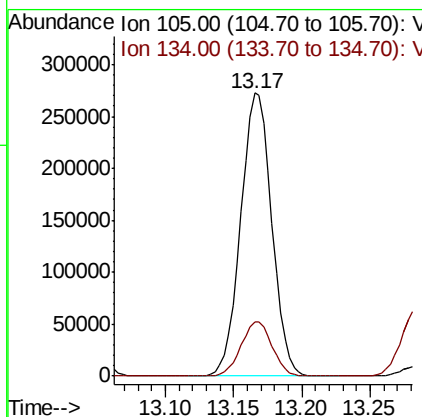
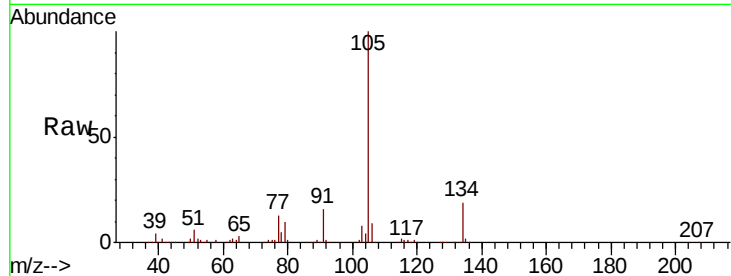




#85
 sec-Butylbenzene
 Concen: 49.582 ug/l
 RT: 13.17 min Scan# 3543
 Delta R.T. 0.00 min
 Lab File: VN061065.D
 Acq: 17 Apr 2020 20:41

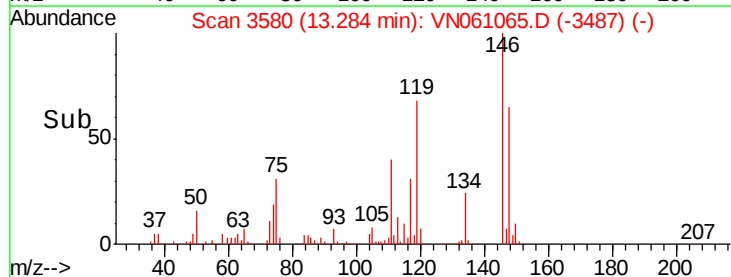
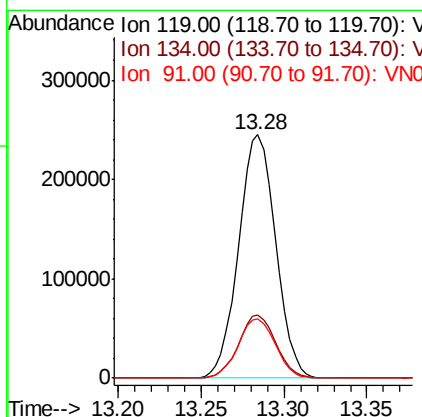
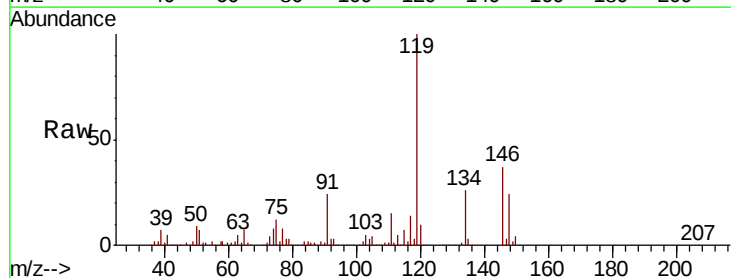
Instrument :
 MSVOA_N
 ClientSampled :

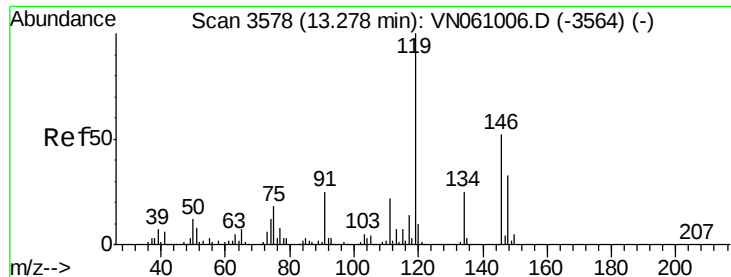
Tot Ion:105 Resp: 429407
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 49.243 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN061065.D
 Acq: 17 Apr 2020 20:41

Tgt Ion:119 Resp: 379757
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.4
 91 24.8 12.3 36.8

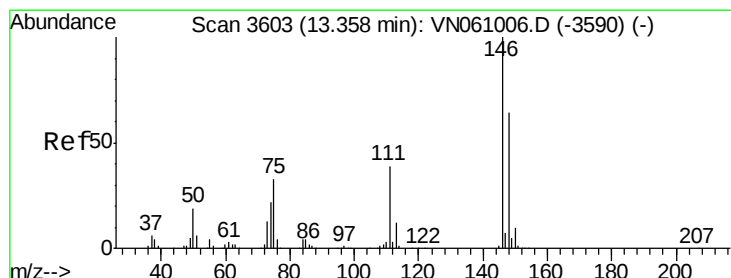
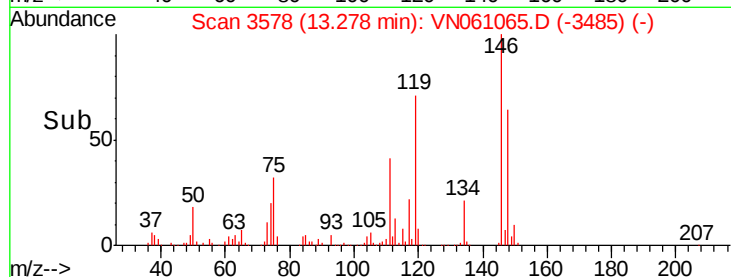
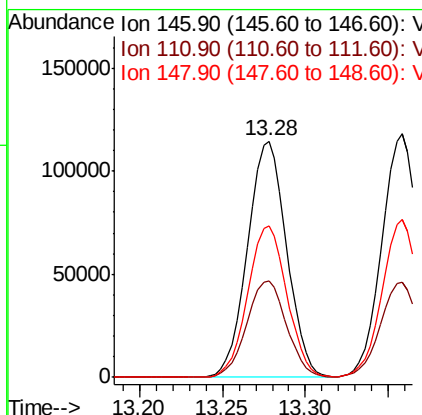
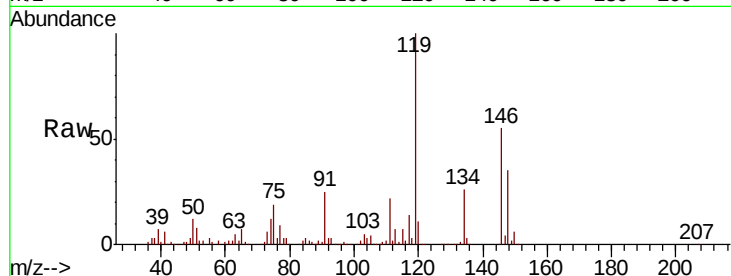




#87
 1,3-Dichlorobenzene
 Concen: 48.971 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN061065.D
 Acq: 17 Apr 2020 20:41

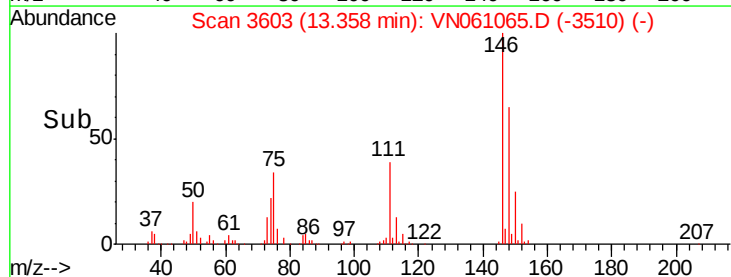
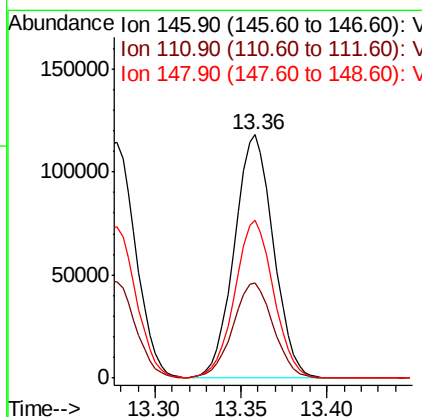
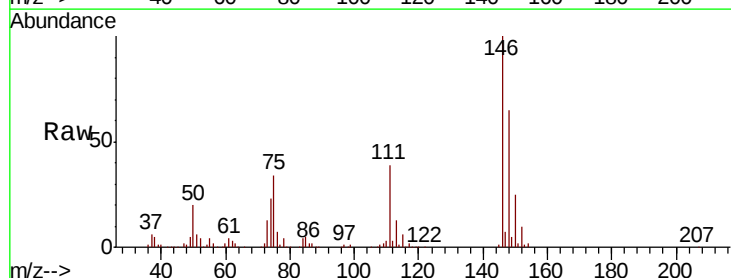
Instrument :
 MSVOA_N
 ClientSampleId :

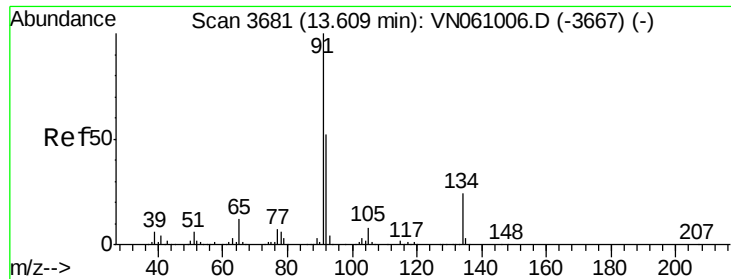
Tot Ion:146 Resp: 187365
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.6 61.8
 148 64.2 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 48.560 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN061065.D
 Acq: 17 Apr 2020 20:41

Tgt Ion:146 Resp: 186914
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.1 60.3
 148 64.6 32.1 96.3

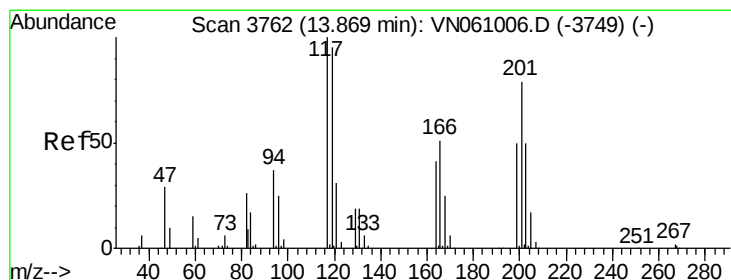
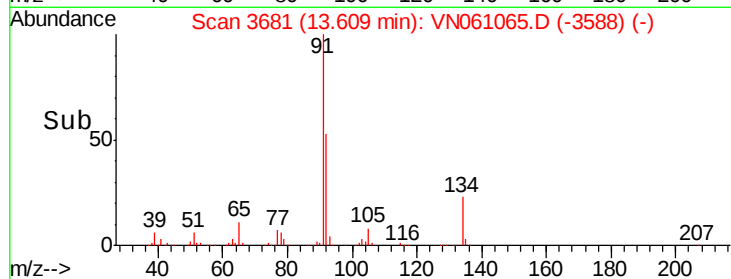
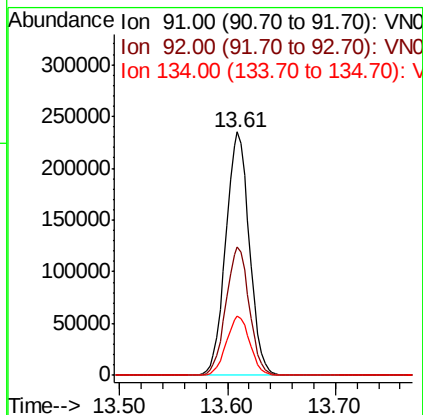
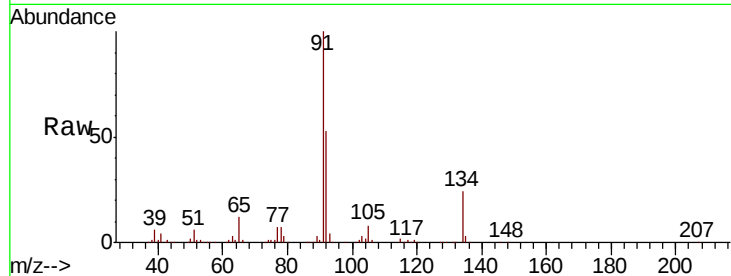




#89
n-Butylbenzene
Concen: 49.847 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. 0.00 min
Lab File: VN061065.D
Acq: 17 Apr 2020 20:41

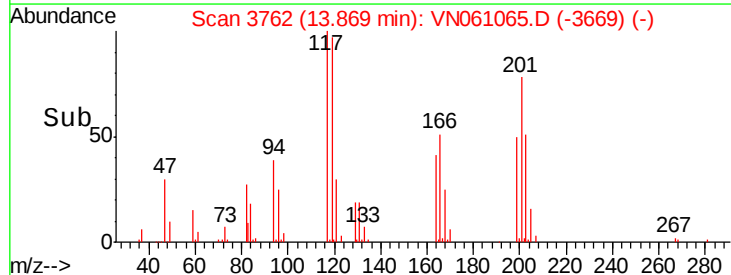
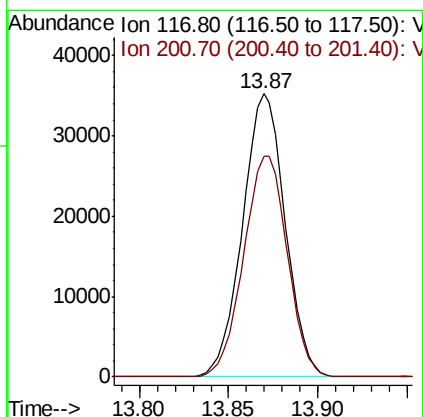
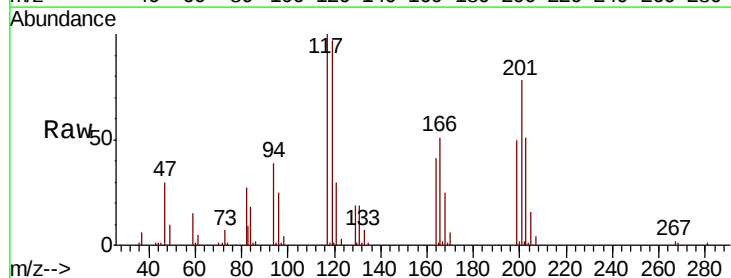
Instrument :
MSVOA_N
ClientSampled :

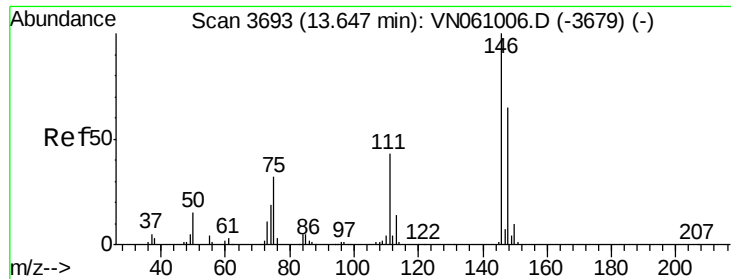
Tot Ion: 91 Resp: 357477
Ion Ratio Lower Upper
91 100
92 52.3 26.1 78.2
134 24.2 12.3 36.8



#90
Hexachloroethane
Concen: 49.546 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN061065.D
Acq: 17 Apr 2020 20:41

Tgt Ion: 117 Resp: 58623
Ion Ratio Lower Upper
117 100
201 80.1 39.3 117.9

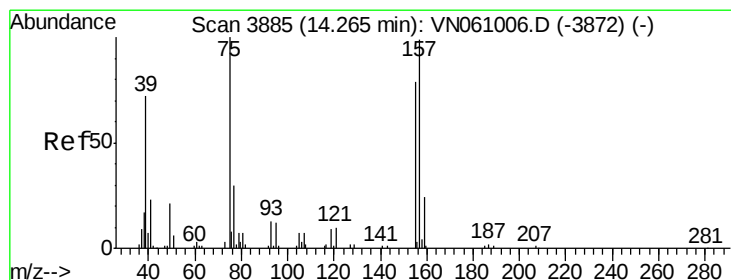
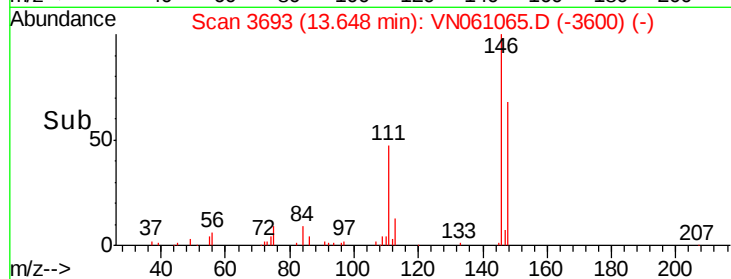
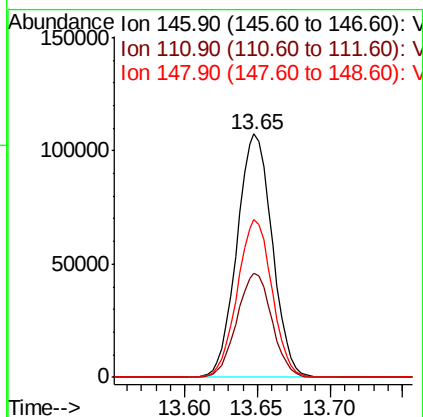
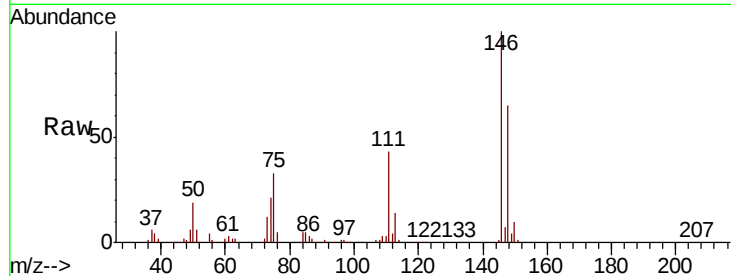




#91
 1,2-Dichlorobenzene
 Concen: 49.696 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. 0.00 min
 Lab File: VN061065.D
 Acq: 17 Apr 2020 20:41

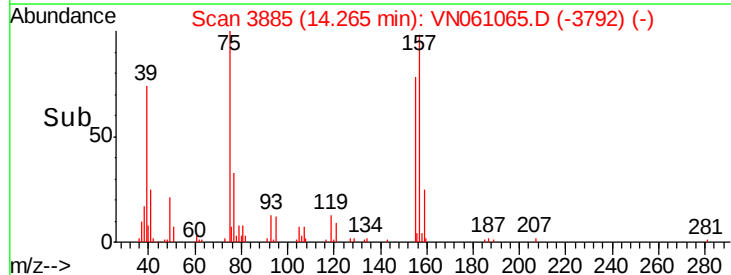
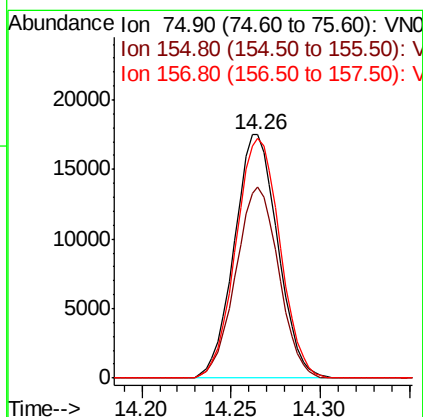
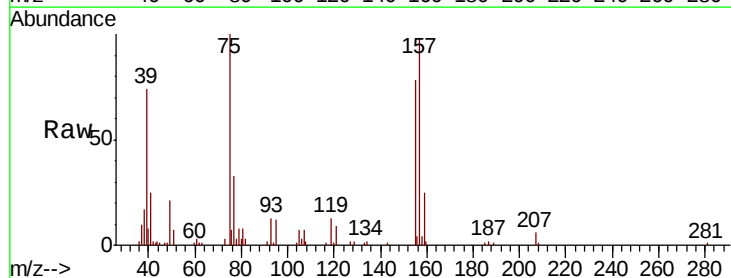
Instrument :
 MSVOA_N
 ClientSampled :

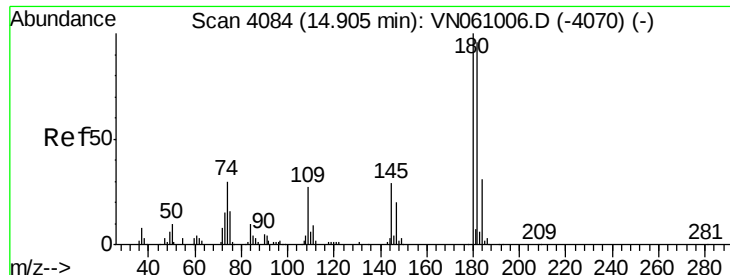
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.3	64.0
148	63.8	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.600 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN061065.D
 Acq: 17 Apr 2020 20:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.7	39.5	118.5
157	99.8	50.1	150.4

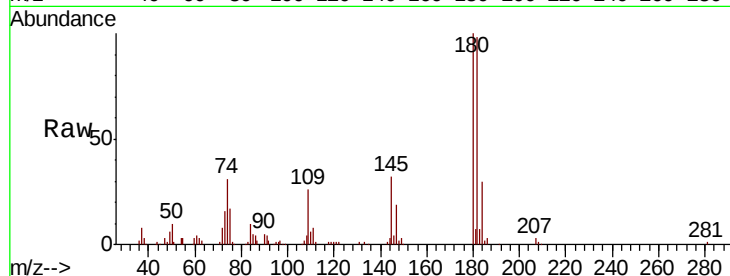




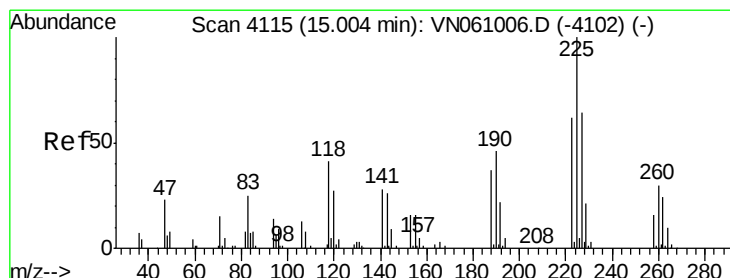
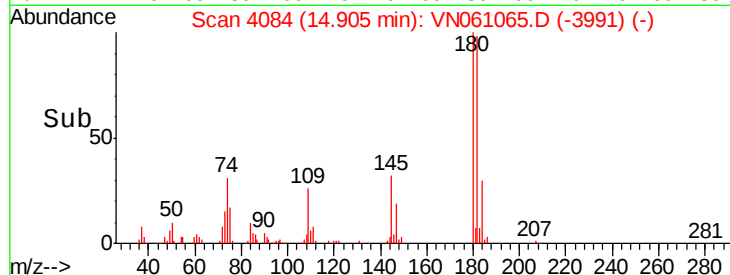
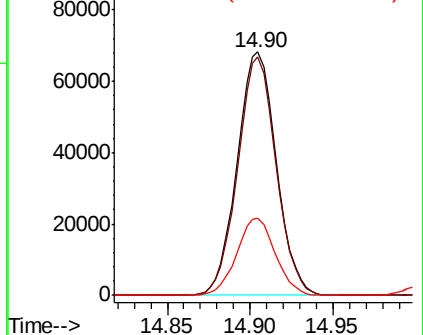
#93
 1,2,4-Trichlorobenzene
 Concen: 51.856 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN061065.D
 Acq: 17 Apr 2020 20:41

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 112080
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.8 143.3
 145 31.1 15.3 45.8

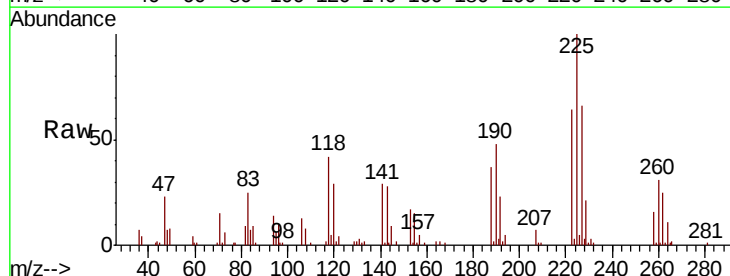


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

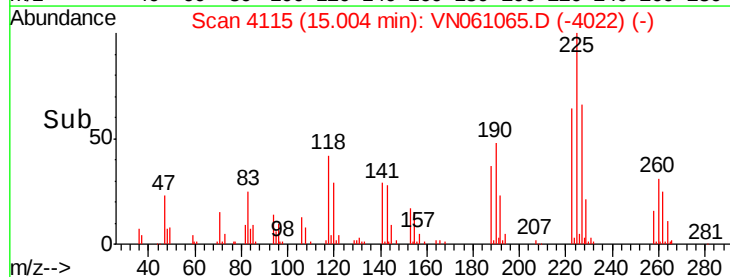
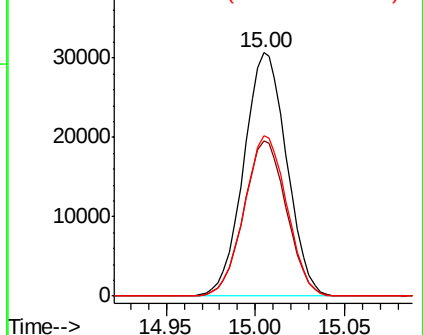


#94
 Hexachlorobutadiene
 Concen: 46.467 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. 0.00 min
 Lab File: VN061065.D
 Acq: 17 Apr 2020 20:41

Tgt Ion:225 Resp: 51665
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.3 93.8
 227 65.4 31.9 95.5



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: 53.968 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

Lab File: VN061065.D

Acq: 17 Apr 2020 20:41

Instrument :

MSVOA_N

ClientSampled :

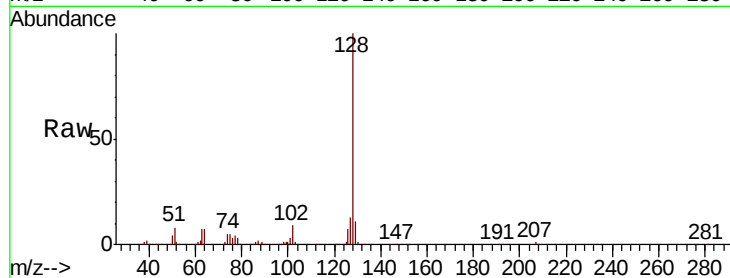
Tot Ion:128 Resp: 340179

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

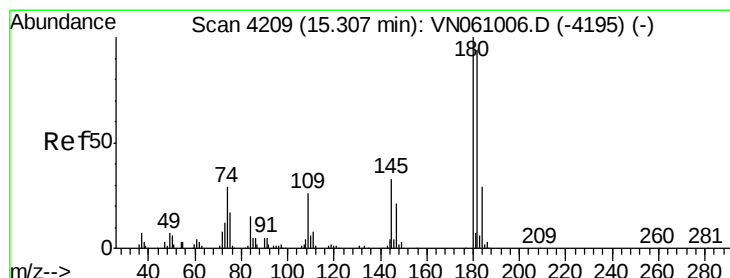
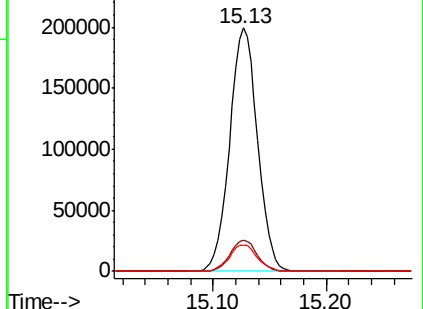
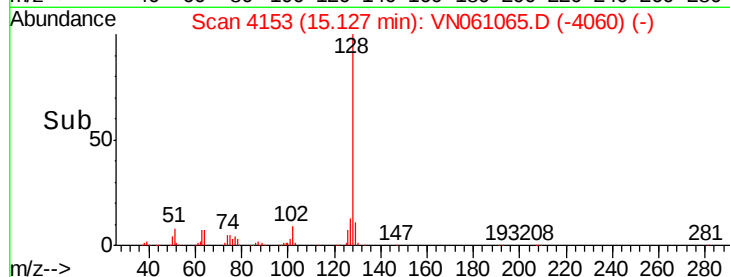
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.060 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN061065.D

Acq: 17 Apr 2020 20:41

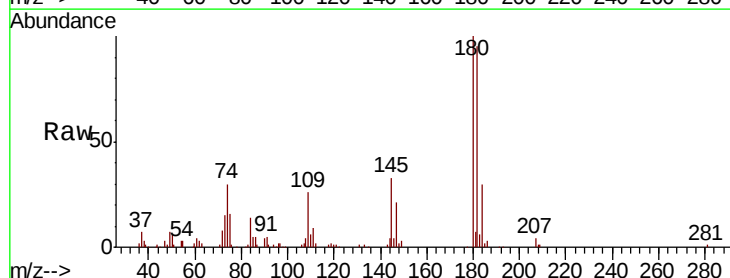
Tgt Ion:180 Resp: 108435

Ion Ratio Lower Upper

180 100

182 95.0 47.6 142.8

145 33.0 16.4 49.2



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

