

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061042.D
 Acq On : 17 Apr 2020 11:57
 Operator : JC/MD
 Sample : VN0417WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBS01

Quant Time: Apr 20 01:29:37 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	175957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	290424	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	262060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	119439	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	108818	48.34	ug/l	0.00
Spiked Amount			Recovery	=	96.68%	
35) Dibromofluoromethane	7.56	113	85572	50.45	ug/l	0.00
Spiked Amount			Recovery	=	100.90%	
50) Toluene-d8	10.08	98	307190	47.93	ug/l	0.00
Spiked Amount			Recovery	=	95.86%	
62) 4-Bromofluorobenzene	12.39	95	121583	48.40	ug/l	0.00
Spiked Amount			Recovery	=	96.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	44243	19.250	ug/l	99
3) Chloromethane	2.04	50	57156	18.315	ug/l	99
4) Vinyl Chloride	2.17	62	49423	19.057	ug/l	99
5) Bromomethane	2.55	94	24560	18.884	ug/l	99
6) Chloroethane	2.69	64	29620	19.799	ug/l	97
7) Trichlorofluoromethane	3.00	101	64277	19.908	ug/l	96
8) Diethyl Ether	3.38	74	24946	19.440	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	37399	19.743	ug/l	99
10) Methyl Iodide	3.93	142	35753	21.394	ug/l	98
11) Tert butyl alcohol	4.72	59	30895	77.347	ug/l	99
12) 1,1-Dichloroethene	3.71	96	37525	19.488	ug/l	99
13) Acrolein	3.57	56	25129	74.510	ug/l	100
14) Allyl chloride	4.29	41	67538	18.538	ug/l	98
15) Acrylonitrile	4.94	53	98857	91.280	ug/l	98
16) Acetone	3.78	43	94358	95.225	ug/l	97
17) Carbon Disulfide	4.03	76	115739	19.209	ug/l	99
18) Methyl Acetate	4.28	43	57292	18.438	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	129529	19.292	ug/l	98
20) Methylene Chloride	4.52	84	41946	19.388	ug/l	97
21) trans-1,2-Dichloroethene	5.00	96	40340	19.587	ug/l	98
22) Diisopropyl ether	5.91	45	145175	19.186	ug/l	98
23) Vinyl Acetate	5.85	43	556008	93.706	ug/l	100
24) 1,1-Dichloroethane	5.81	63	79077	19.350	ug/l	99
25) 2-Butanone	6.80	43	134692	88.706	ug/l	98
26) 2,2-Dichloropropane	6.79	77	68755	20.206	ug/l	98
27) cis-1,2-Dichloroethene	6.79	96	45512	19.249	ug/l	100
28) Bromochloromethane	7.17	49	35032	18.675	ug/l	98
29) Tetrahydrofuran	7.17	42	88692	86.039	ug/l	98
30) Chloroform	7.34	83	73958	19.402	ug/l	98
31) Cyclohexane	7.63	56	78997	18.838	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	65343	19.818	ug/l	100
36) 1,1-Dichloropropene	7.77	75	58907	19.656	ug/l	99
37) Ethyl Acetate	6.89	43	58203	17.886	ug/l	100
38) Carbon Tetrachloride	7.75	117	50424	20.214	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	72106	20.125	ug/l	100
40) Benzene	8.02	78	174016	19.572	ug/l	100
41) Methacrylonitrile	7.13	41	23284	17.154	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	60182	19.870	ug/l	99
43) Isopropyl Acetate	8.14	43	98006	18.518	ug/l	99
44) Trichloroethene	8.81	130	43867	19.636	ug/l	97
45) 1,2-Dichloropropane	9.10	63	46617	19.412	ug/l	98
46) Dibromomethane	9.19	93	27670	19.985	ug/l	99
47) Bromodichloromethane	9.38	83	57908	19.798	ug/l	100
48) Methyl methacrylate	9.18	41	43099	18.427	ug/l	99
49) 1,4-Dioxane	9.17	88	11206	354.056	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	279349	91.561	ug/l	100
52) Toluene	10.14	92	105032	19.692	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	67254	19.795	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	73388	19.797	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	39009	19.326	ug/l	96
56) Ethyl methacrylate	10.42	69	60566	19.082	ug/l	99
57) 1,3-Dichloropropane	10.69	76	70514	19.585	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	128030	88.770	ug/l	99
59) 2-Hexanone	10.74	43	198808	90.356	ug/l	99
60) Dibromochloromethane	10.89	129	42035	20.273	ug/l	98
61) 1,2-Dibromoethane	10.99	107	40068	19.481	ug/l	99
64) Tetrachloroethene	10.62	164	41256	20.573	ug/l	97
65) Chlorobenzene	11.42	112	105990	19.592	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	38538	19.911	ug/l	99
67) Ethyl Benzene	11.50	91	201100	19.762	ug/l	99
68) m/p-Xylenes	11.61	106	145746	39.630	ug/l	100
69) o-Xylene	11.94	106	70431	19.918	ug/l	100
70) Styrene	11.96	104	113356	19.913	ug/l	100
71) Bromoform	12.12	173	28169	19.498	ug/l #	99
73) Isopropylbenzene	12.24	105	190164	19.873	ug/l	99
74) N-amyl acetate	12.06	43	82251	18.484	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	55609	19.038	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	76020	28.936	ug/l #	100
77) Bromobenzene	12.52	156	44178	19.774	ug/l	96
78) n-propylbenzene	12.58	91	226649	20.245	ug/l	99
79) 2-Chlorotoluene	12.67	91	131531	20.032	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	160132	20.246	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	19163	17.992	ug/l	98
82) 4-Chlorotoluene	12.77	91	135772	19.937	ug/l	100
83) tert-Butylbenzene	12.99	119	133604	20.086	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	159397	20.388	ug/l	99
85) sec-Butylbenzene	13.17	105	180041	19.977	ug/l	99
86) p-Isopropyltoluene	13.28	119	161482	20.121	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	78334	19.674	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	78273	19.541	ug/l	99
89) n-Butylbenzene	13.61	91	148162	19.853	ug/l	100
90) Hexachloroethane	13.87	117	23474	19.065	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	75327	19.822	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	10320	18.256	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration

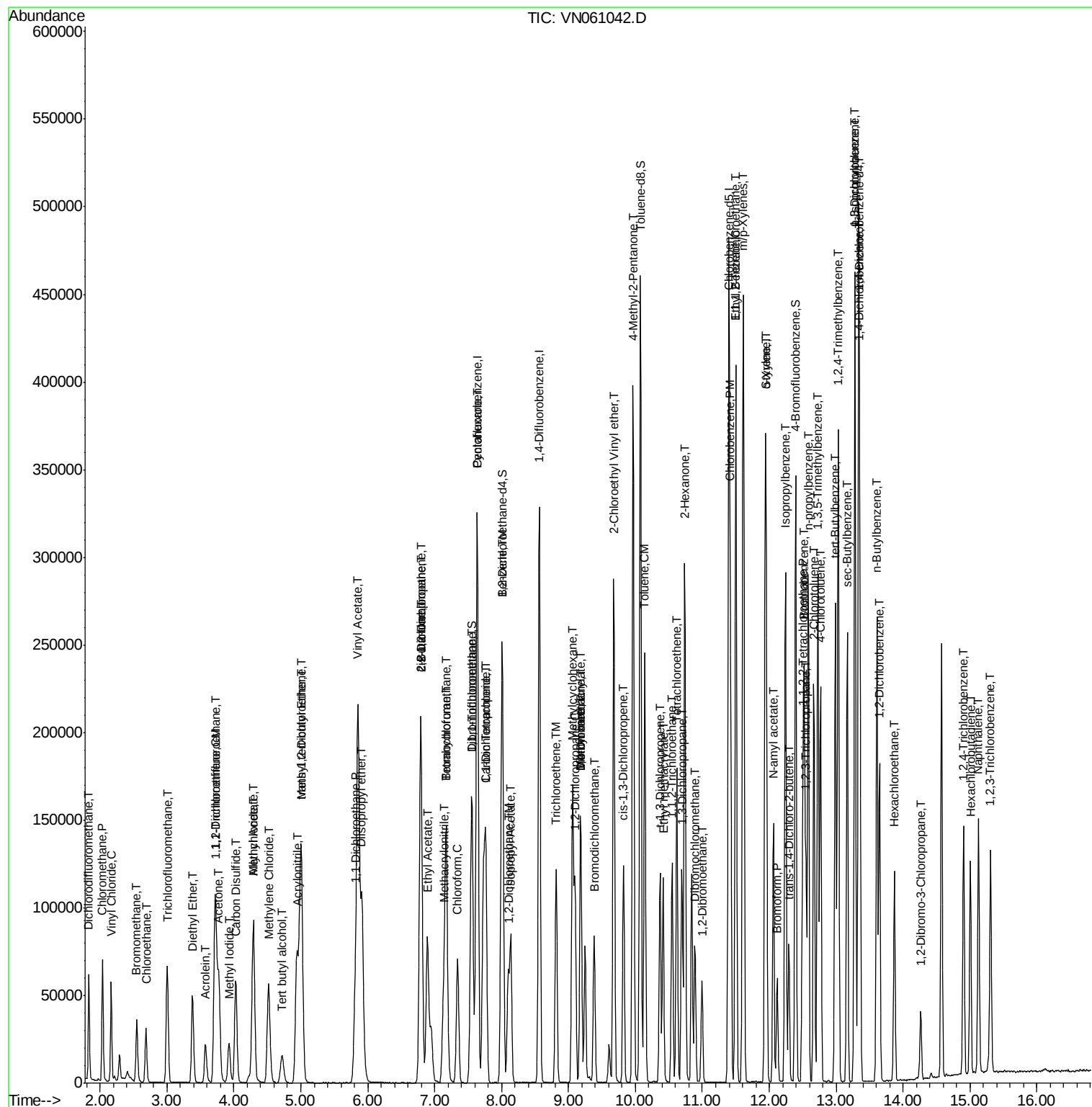
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	44551	19.807	ug/l	99
94) Hexachlorobutadiene	15.00	225	23397	20.221	ug/l	99
95) Naphthalene	15.13	128	122554	18.683	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	43033	19.853	ug/l	99

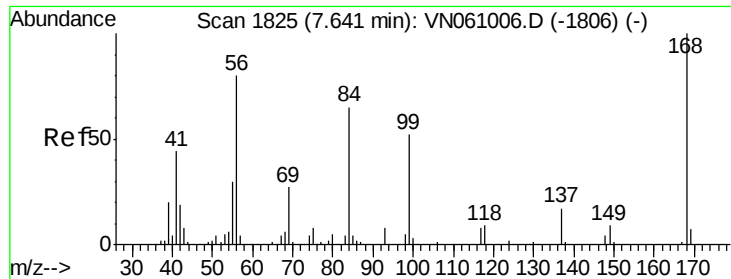
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041720\
Data File : VN061042.D
Acq On : 17 Apr 2020 11:57
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Sample : VN0417WBS01
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Quant Title : SW846 8260
QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN061042.D

Acq: 17 Apr 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

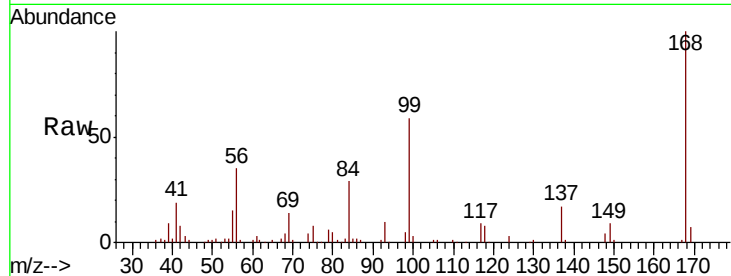
VN0417WBS01

Tot Ion:168 Resp: 175957

Ion Ratio Lower Upper

168 100

99 58.9 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): VN061006.D (-1806) (-)

Ion 98.90 (98.60 to 99.60): VN061006.D (-1806) (-)

7.64

80000

60000

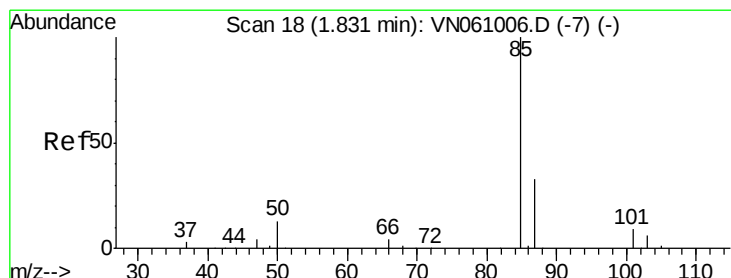
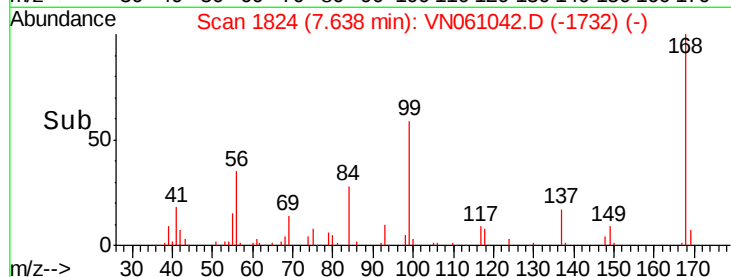
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 19.250 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061042.D

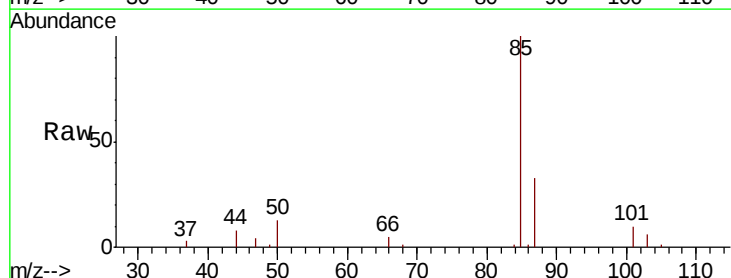
Acq: 17 Apr 2020 11:57

Tgt Ion: 85 Resp: 44243

Ion Ratio Lower Upper

85 100

87 33.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN061006.D (-7) (-)

Ion 86.90 (86.60 to 87.60): VN061006.D (-7) (-)

1.83

30000

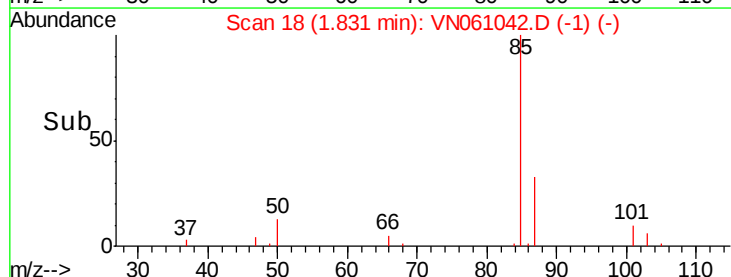
20000

10000

0

1.80 1.85 1.90

Time-->

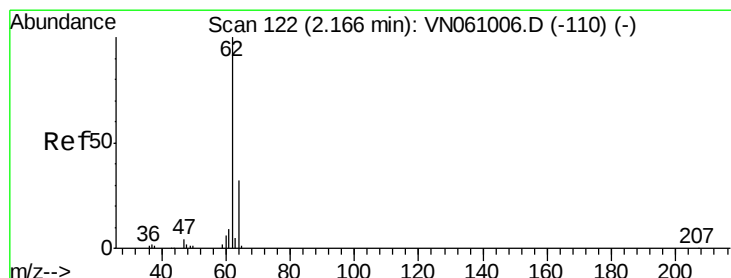
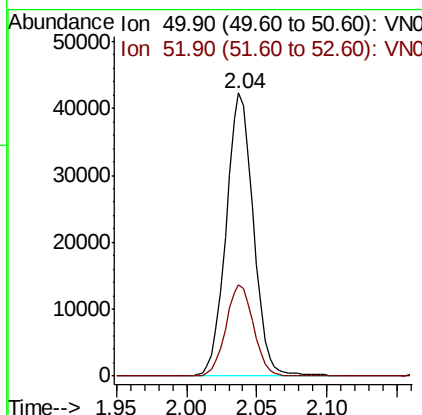
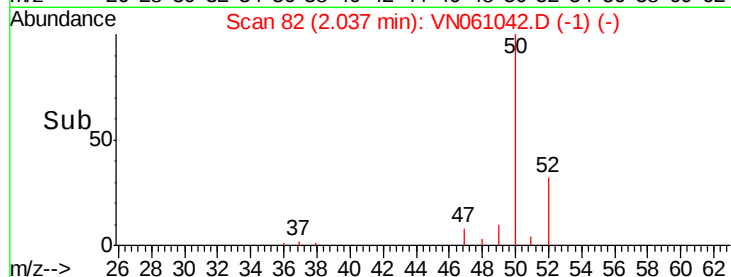
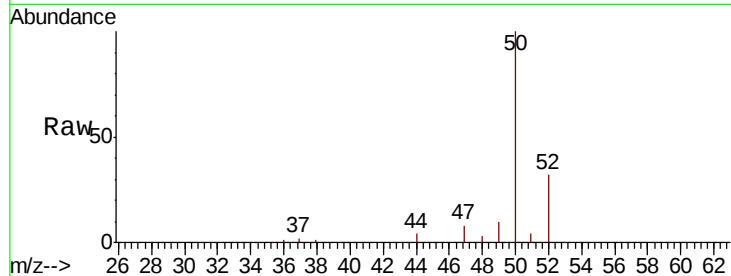




#3
Chloromethane
Concen: 18.315 ug/l
RT: 2.04 min Scan# 82
Delta R.T. -0.00 min
Lab File: VN061042.D
Acq: 17 Apr 2020 11:57

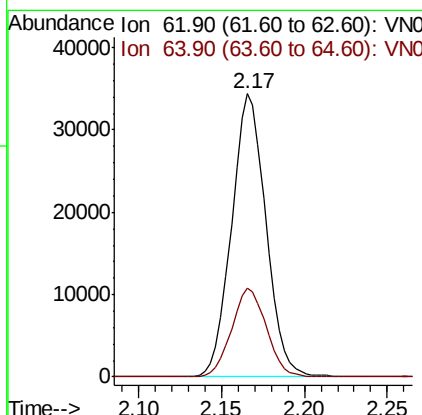
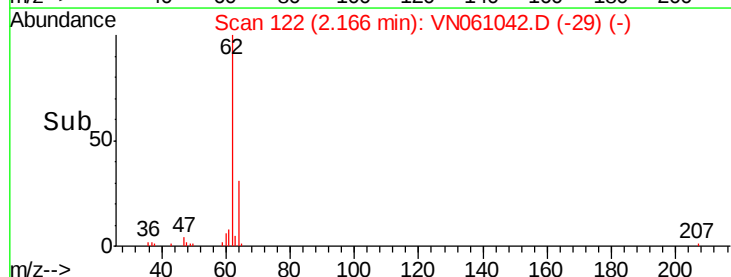
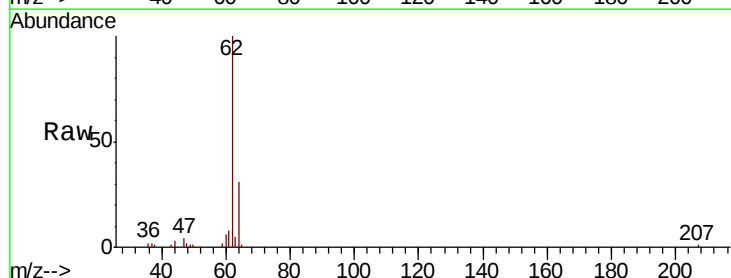
Instrument :
MSVOA_N
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VN0417WBS01

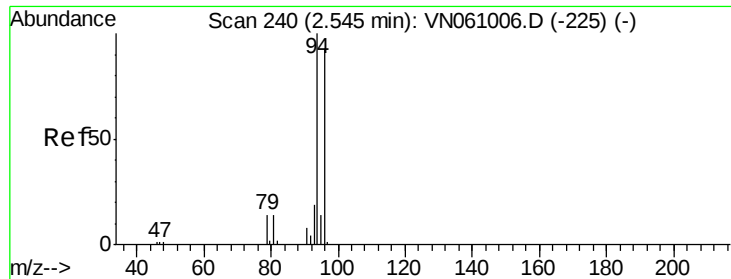
Tot Ion: 50 Resp: 57156
Ion Ratio Lower Upper
50 100
52 32.3 25.6 38.4



#4
Vinyl Chloride
Concen: 19.057 ug/l
RT: 2.17 min Scan# 122
Delta R.T. 0.00 min
Lab File: VN061042.D
Acq: 17 Apr 2020 11:57

Tgt Ion: 62 Resp: 49423
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.0





#5

Bromomethane

Concen: 18.884 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.00 min

Lab File: VN061042.D

Acq: 17 Apr 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

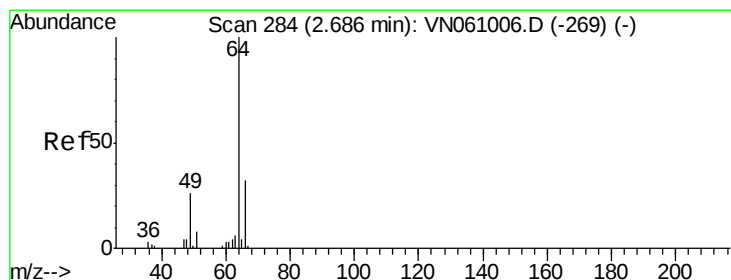
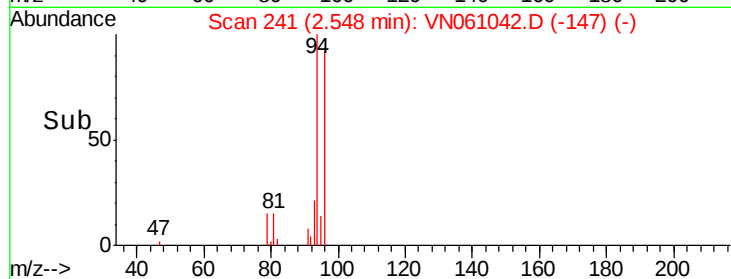
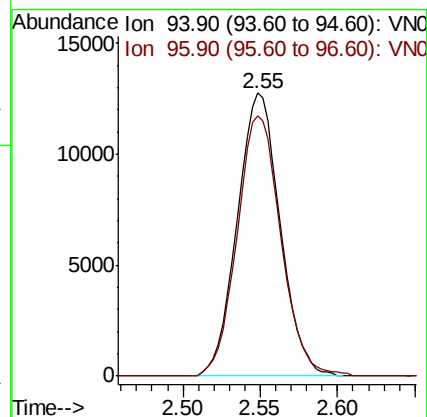
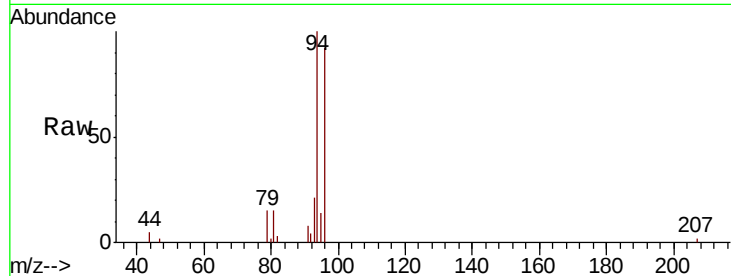
VN0417WBS01

Tot Ion: 94 Resp: 24560

Ion Ratio Lower Upper

94 100

96 92.1 74.3 111.5



#6

Chloroethane

Concen: 19.799 ug/l

RT: 2.69 min Scan# 284

Delta R.T. -0.00 min

Lab File: VN061042.D

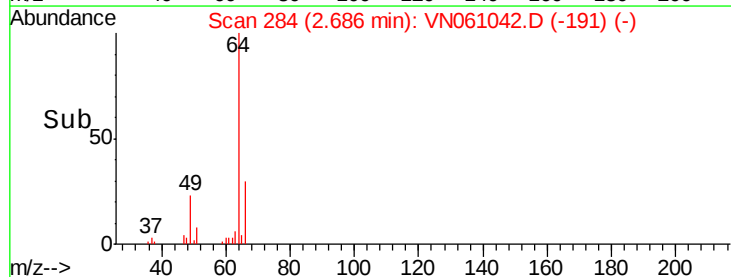
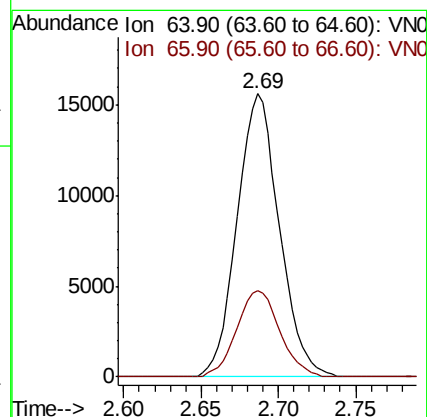
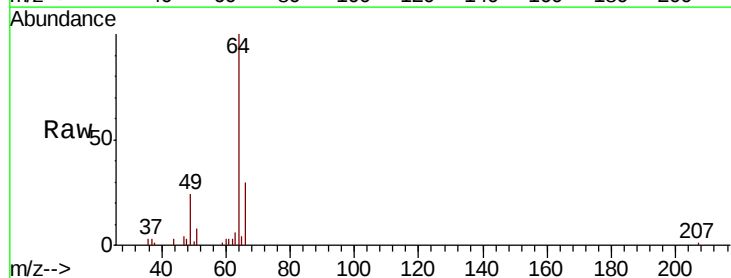
Acq: 17 Apr 2020 11:57

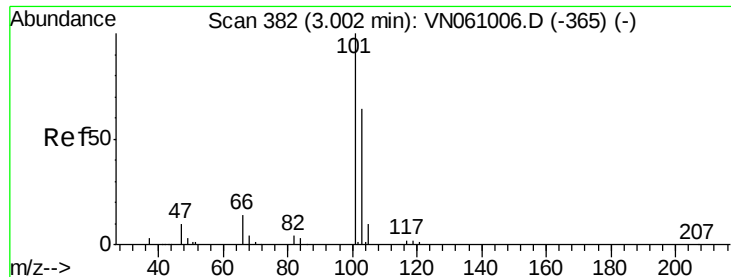
Tgt Ion: 64 Resp: 29620

Ion Ratio Lower Upper

64 100

66 30.4 25.8 38.8



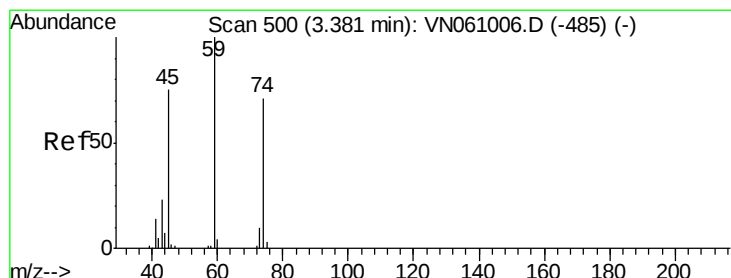
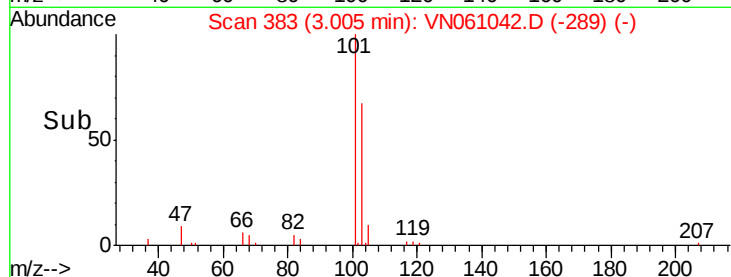
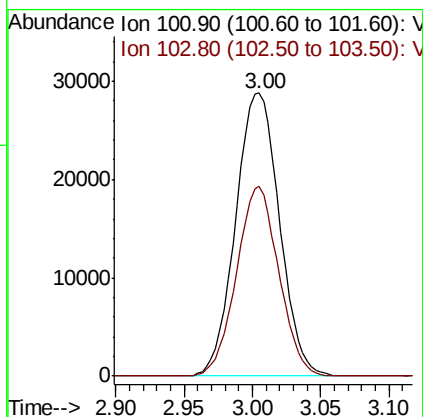
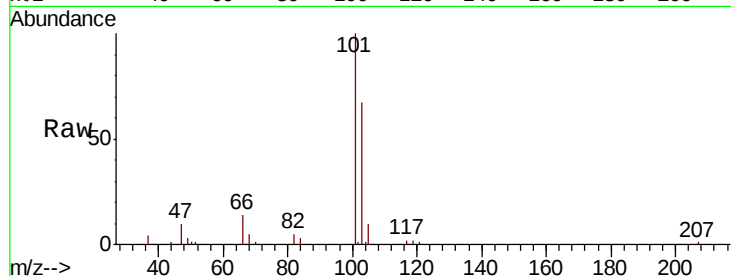


#7

Trichlorofluoromethane
 Concen: 19.908 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN061042.D
 Acq: 17 Apr 2020 11:57

Instrument :
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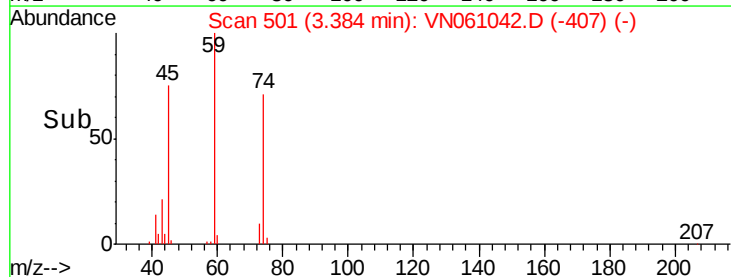
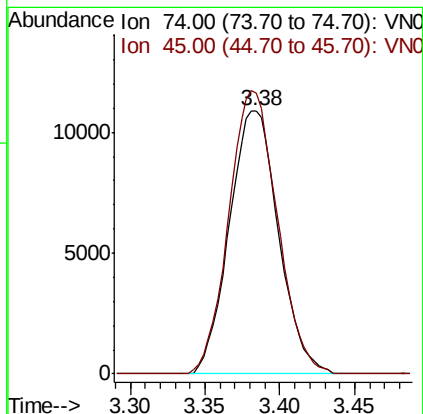
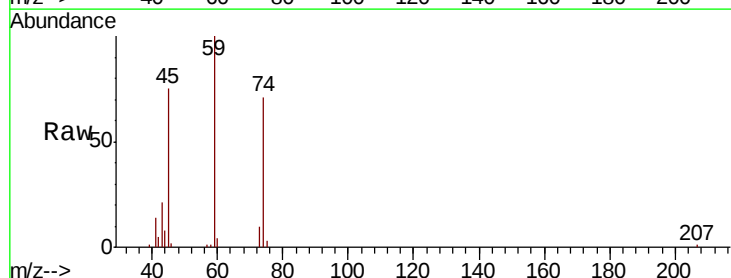
Tot Ion:101 Resp: 64277
 Ion Ratio Lower Upper
 101 100
 103 67.0 51.4 77.2

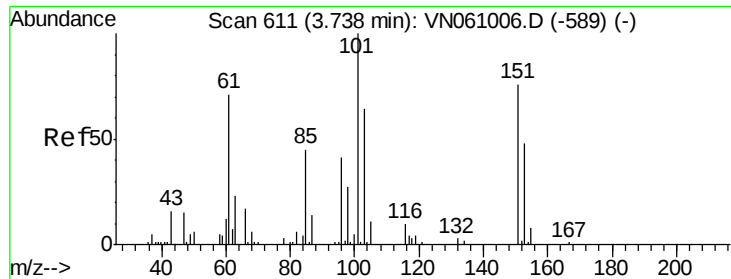


#8

Diethyl Ether
 Concen: 19.440 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: VN061042.D
 Acq: 17 Apr 2020 11:57

Tgt Ion: 74 Resp: 24946
 Ion Ratio Lower Upper
 74 100
 45 106.2 52.9 158.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.743 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN061042.D

Acq: 17 Apr 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBS01

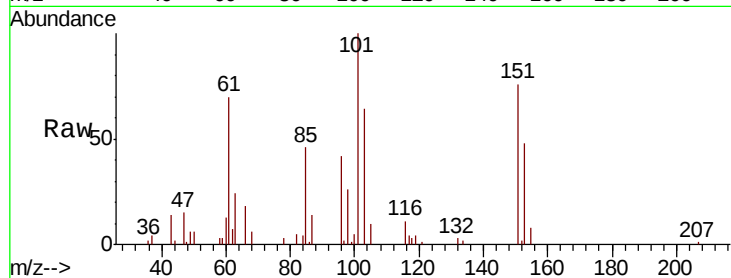
Tot Ion:101 Resp: 37399

Ion Ratio Lower Upper

101 100

85 45.6 35.9 53.9

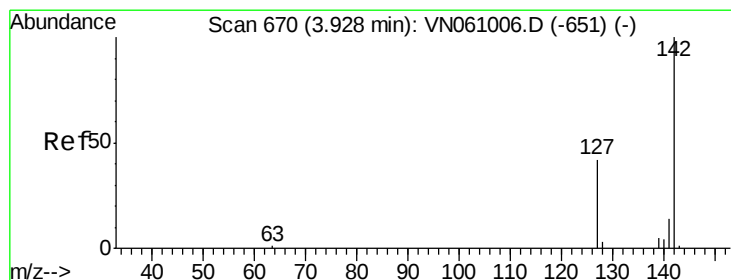
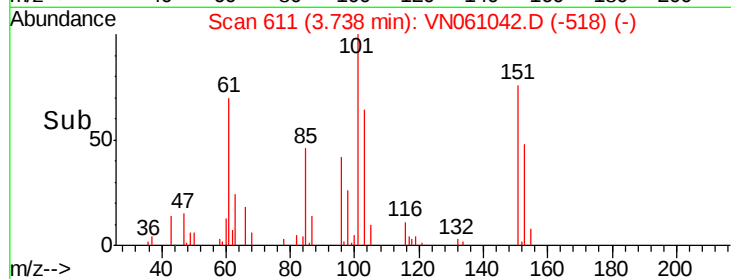
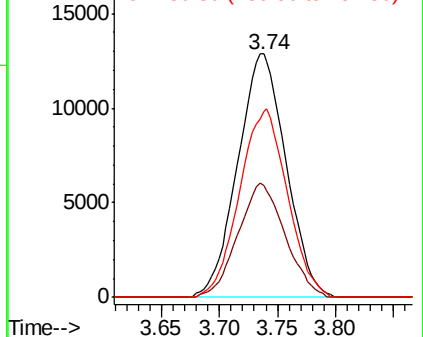
151 76.4 60.8 91.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.394 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN061042.D

Acq: 17 Apr 2020 11:57

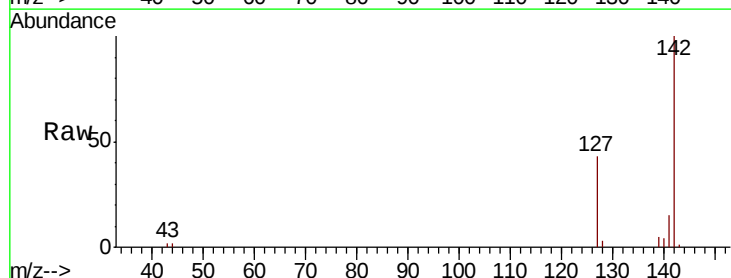
Tgt Ion:142 Resp: 35753

Ion Ratio Lower Upper

142 100

127 43.3 33.4 50.2

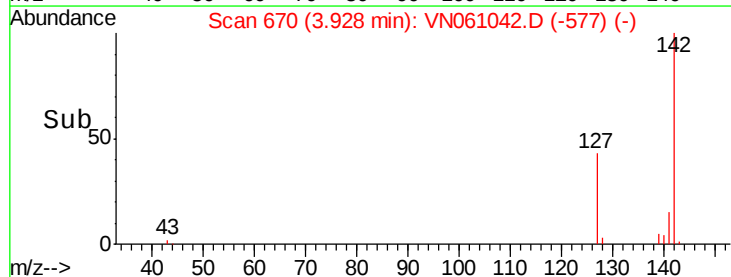
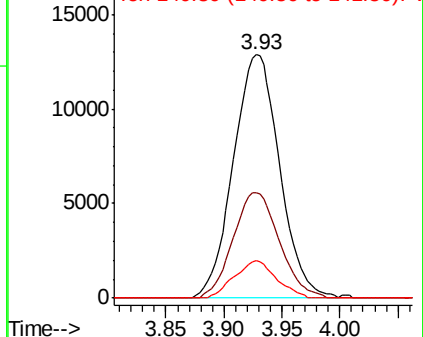
141 14.0 11.0 16.6

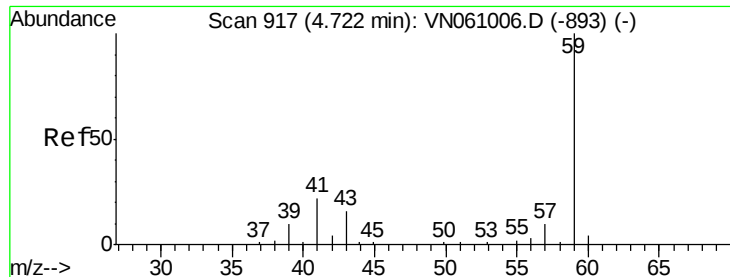


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

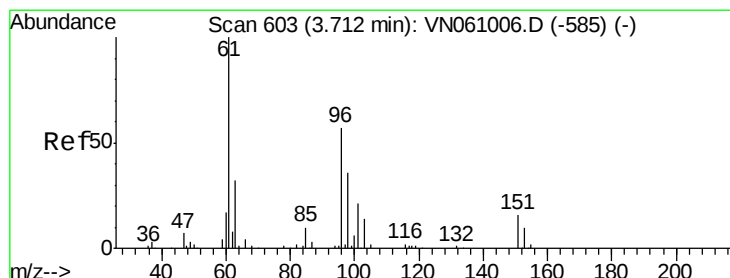
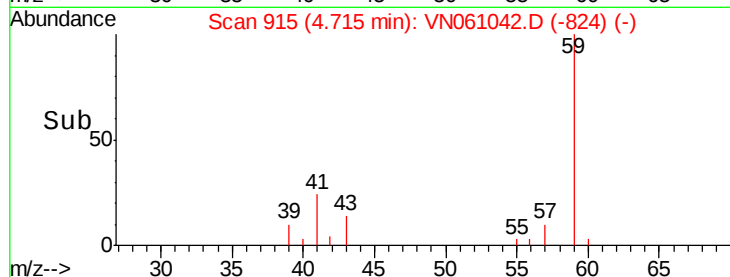
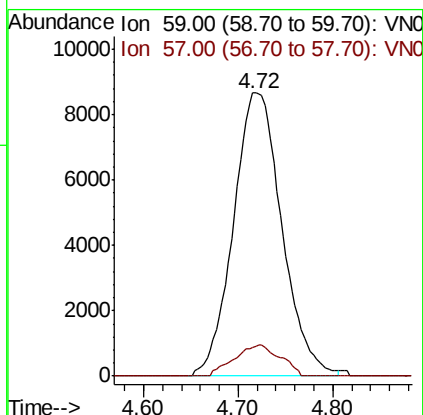
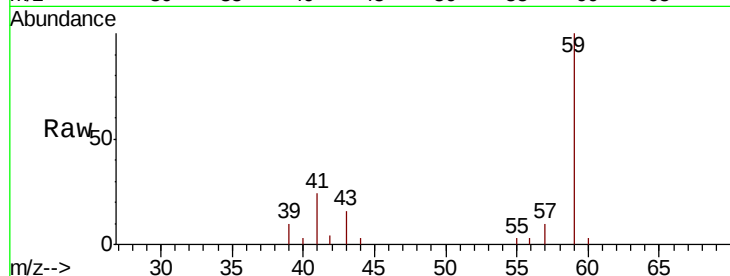




#11
Tert butyl alcohol
Concen: 77.347 ug/l
RT: 4.72 min Scan# 915
Delta R.T. -0.01 min
Lab File: VN061042.D
Acq: 17 Apr 2020 11:57

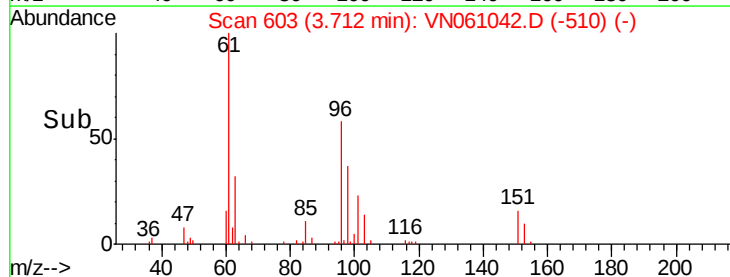
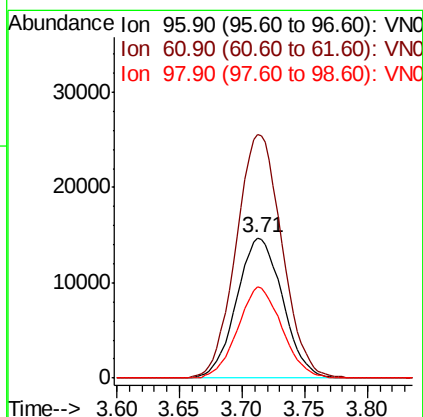
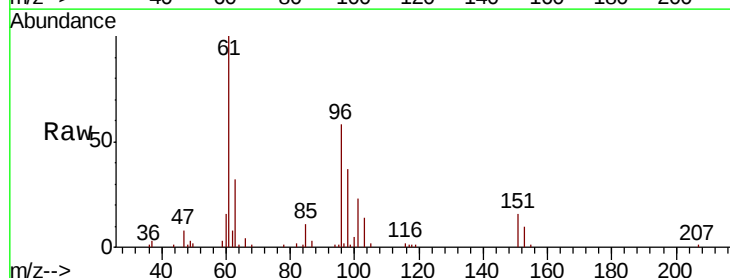
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01

Tot Ion: 59 Resp: 30895
Ion Ratio Lower Upper
59 100
57 10.4 8.1 12.1



#12
1,1-Dichloroethene
Concen: 19.488 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN061042.D
Acq: 17 Apr 2020 11:57

Tgt Ion: 96 Resp: 37525
Ion Ratio Lower Upper
96 100
61 173.8 139.2 208.8
98 65.1 50.0 75.0





#13

Acrolein

Concen: 74.510 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN061042.D

Acq: 17 Apr 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

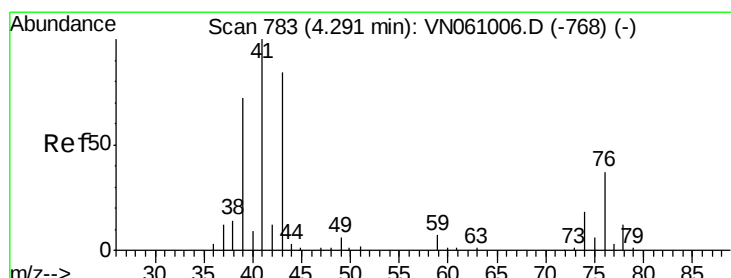
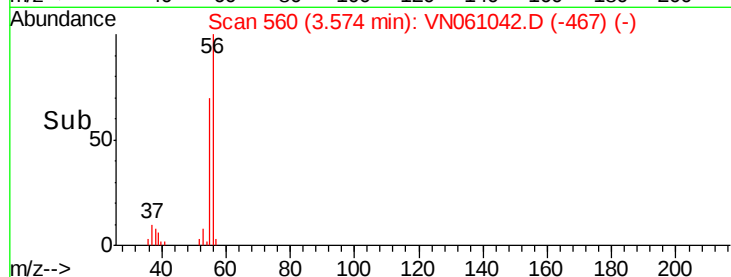
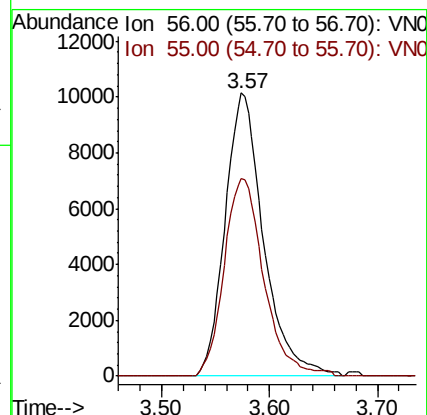
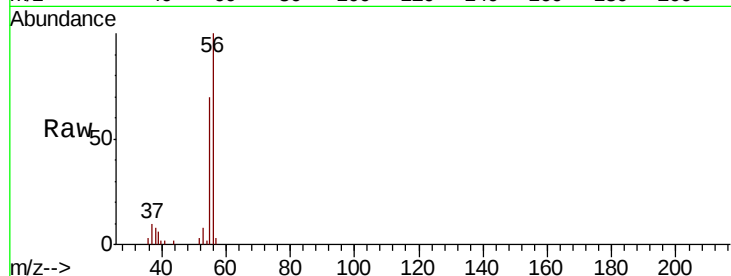
VN0417WBS01

Tot Ion: 56 Resp: 25129

Ion Ratio Lower Upper

56 100

55 71.5 57.0 85.6



#14

Allyl chloride

Concen: 18.538 ug/l

RT: 4.29 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN061042.D

Acq: 17 Apr 2020 11:57

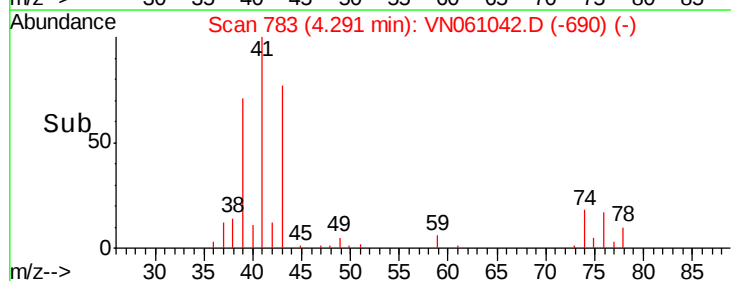
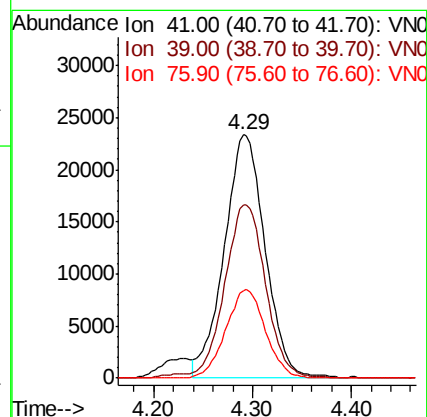
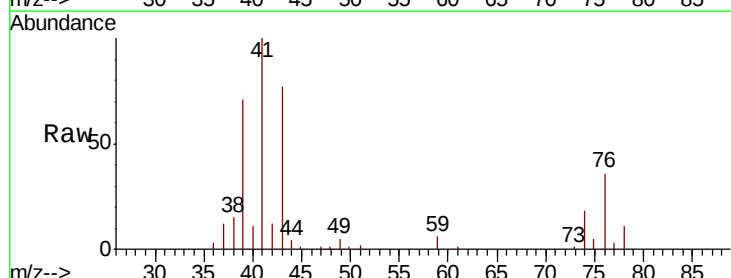
Tgt Ion: 41 Resp: 67538

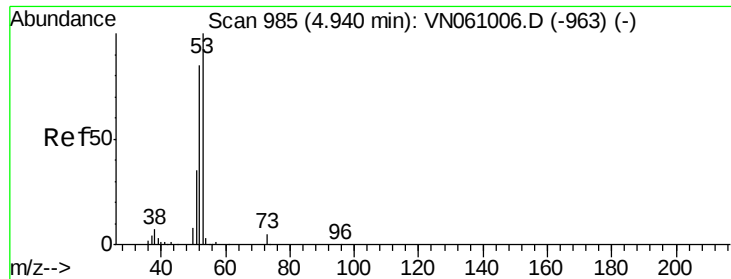
Ion Ratio Lower Upper

41 100

39 72.1 56.3 84.5

76 35.1 27.7 41.5





#15

Acrylonitrile

Concen: 91.280 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN061042.D

Acq: 17 Apr 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBS01

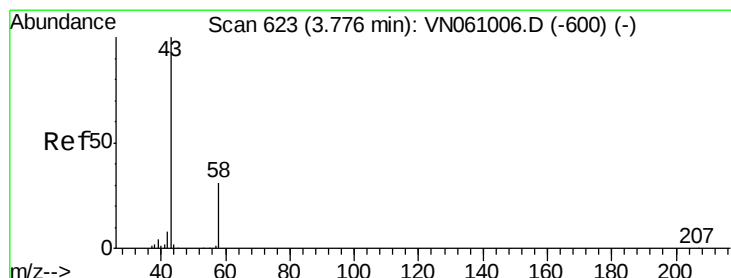
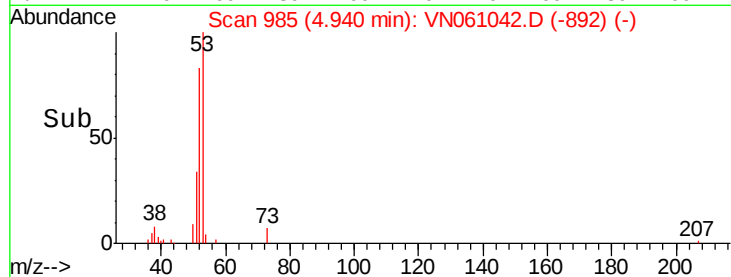
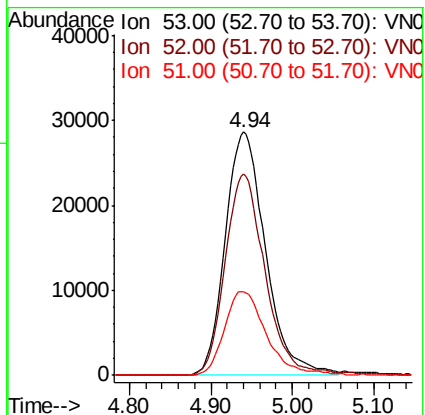
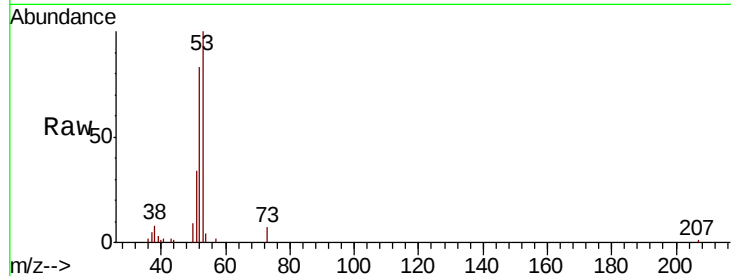
Tot Ion: 53 Resp: 98857

Ion Ratio Lower Upper

53 100

52 80.9 66.8 100.2

51 36.0 28.9 43.3



#16

Acetone

Concen: 95.225 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061042.D

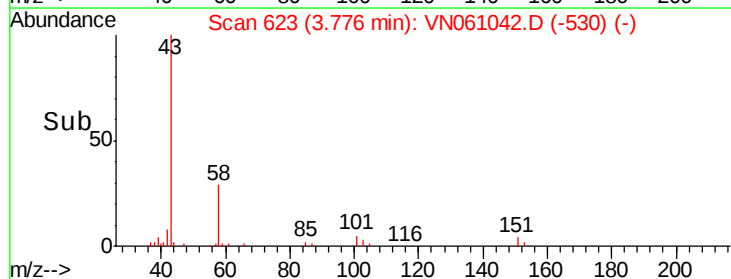
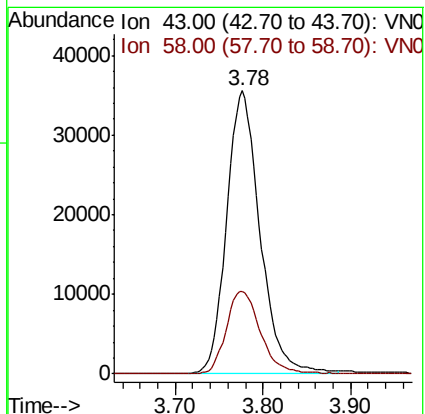
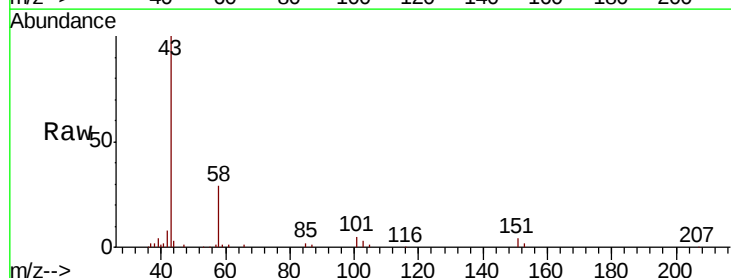
Acq: 17 Apr 2020 11:57

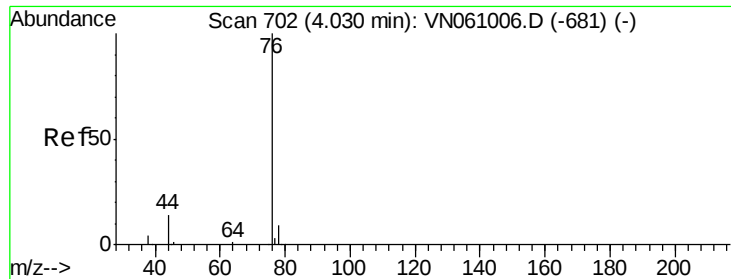
Tgt Ion: 43 Resp: 94358

Ion Ratio Lower Upper

43 100

58 29.3 24.6 37.0

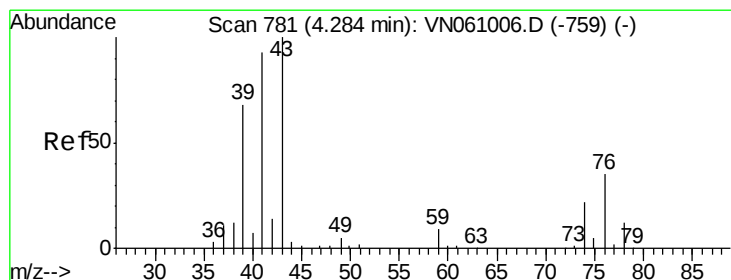
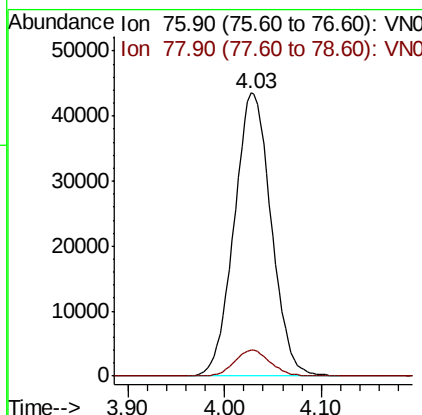
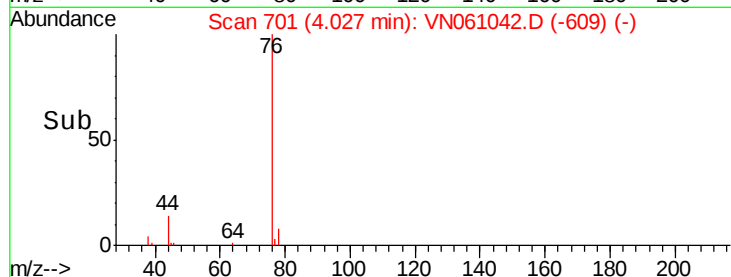
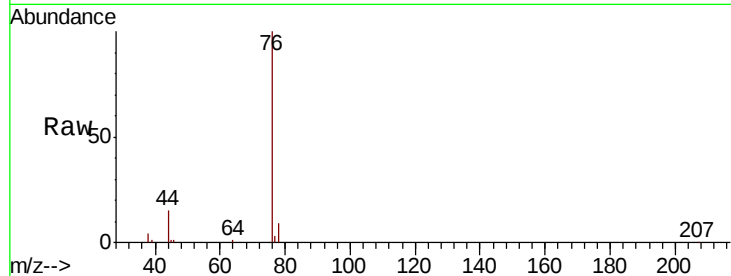




#17
Carbon Disulfide
Concen: 19.209 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN061042.D
Acq: 17 Apr 2020 11:57

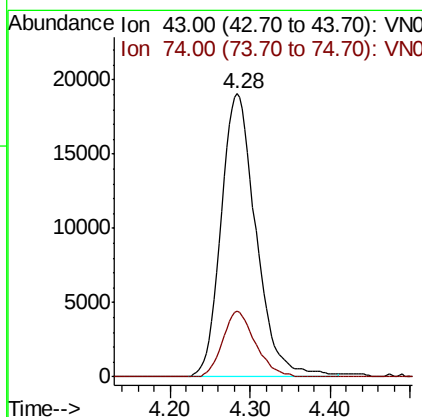
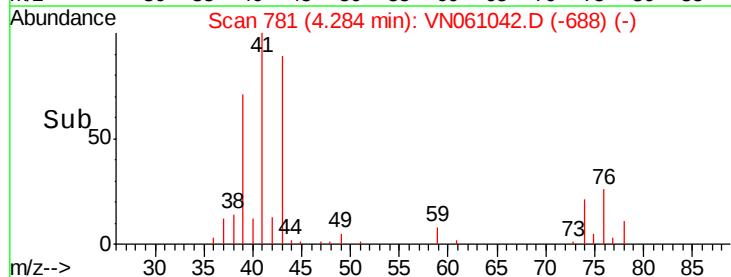
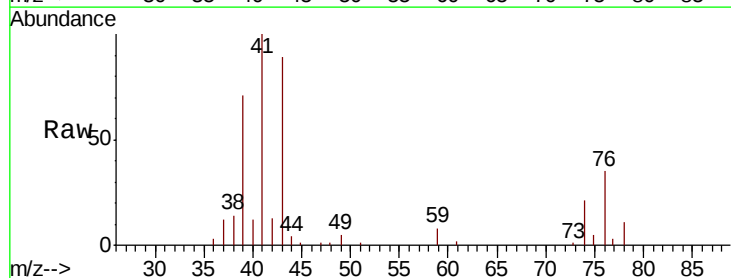
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01

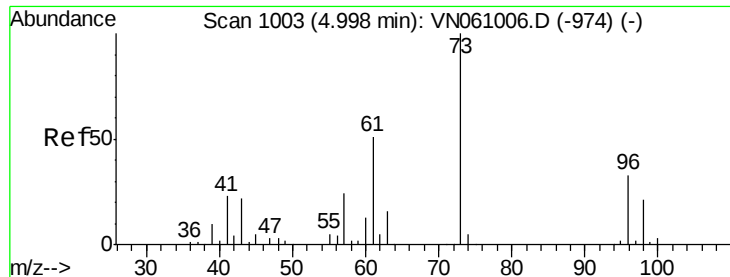
Tot Ion: 76 Resp: 115739
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4



#18
Methyl Acetate
Concen: 18.438 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.00 min
Lab File: VN061042.D
Acq: 17 Apr 2020 11:57

Tgt Ion: 43 Resp: 57292
Ion Ratio Lower Upper
43 100
74 21.6 17.4 26.0

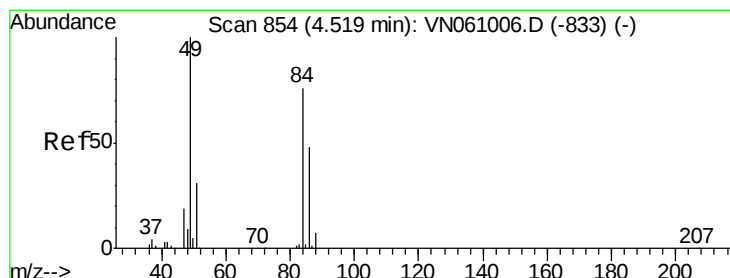
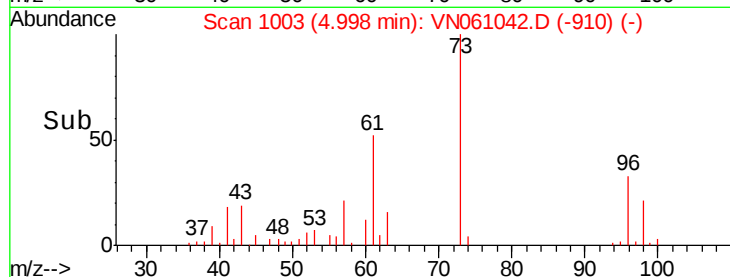
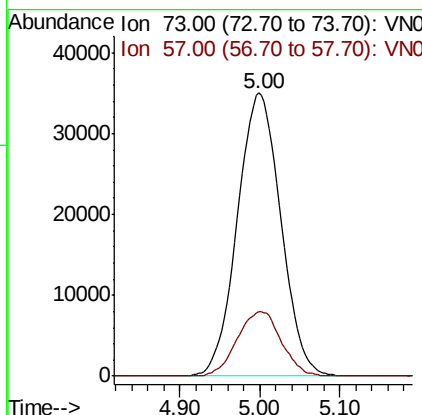
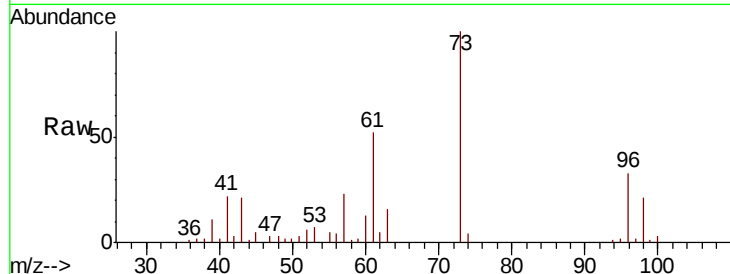




#19
Methyl tert-butyl Ether
Concen: 19.292 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. 0.00 min
Lab File: VN061042.D
Acq: 17 Apr 2020 11:57

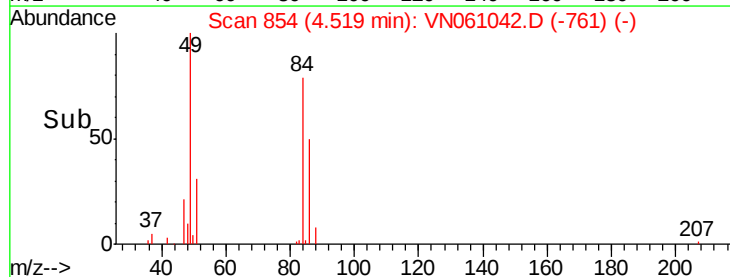
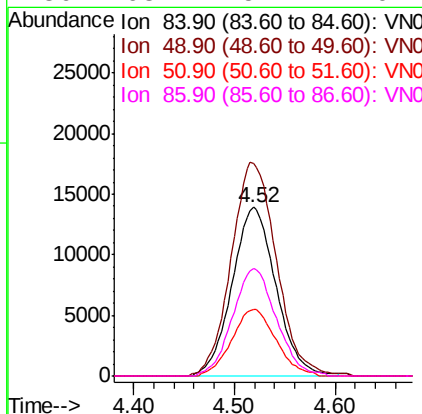
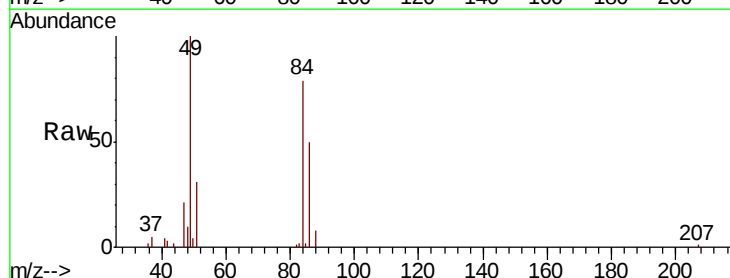
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01

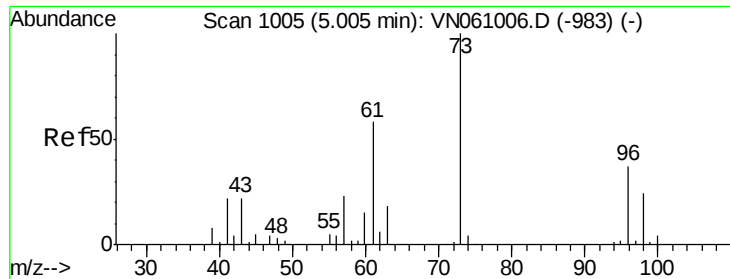
Tot Ion: 73 Resp: 129529
Ion Ratio Lower Upper
73 100
57 22.8 19.0 28.4



#20
Methylene Chloride
Concen: 19.388 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN061042.D
Acq: 17 Apr 2020 11:57

Tgt Ion: 84 Resp: 41946
Ion Ratio Lower Upper
84 100
49 126.3 105.8 158.6
51 39.7 32.4 48.6
86 63.7 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 19.587 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: VN061042.D

Acq: 17 Apr 2020 11:57

Instrument :
MSVOA_N
ClientSampled :
VN0417WBS01

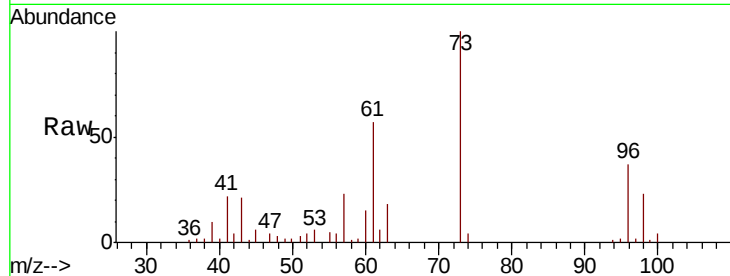
Tot Ion: 96 Resp: 40340

Ion Ratio Lower Upper

96 100

61 153.4 124.8 187.2

98 63.4 51.3 76.9

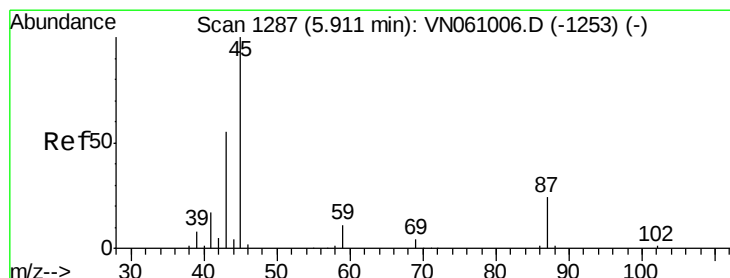
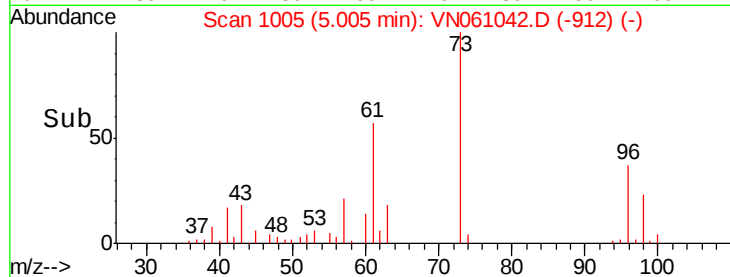
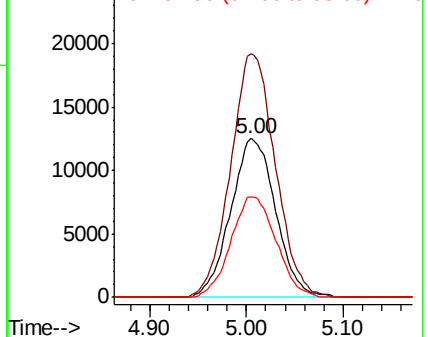


Abundance

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



#22

Diisopropyl ether

Concen: 19.186 ug/l

RT: 5.91 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VN061042.D

Acq: 17 Apr 2020 11:57

Tgt Ion: 45 Resp: 145175

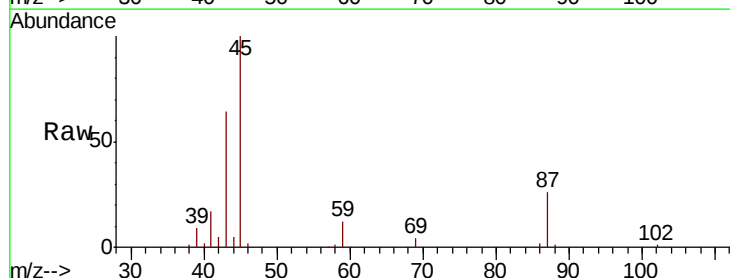
Ion Ratio Lower Upper

45 100

43 62.1 48.6 72.8

87 25.7 19.4 29.2

59 11.2 8.6 12.8



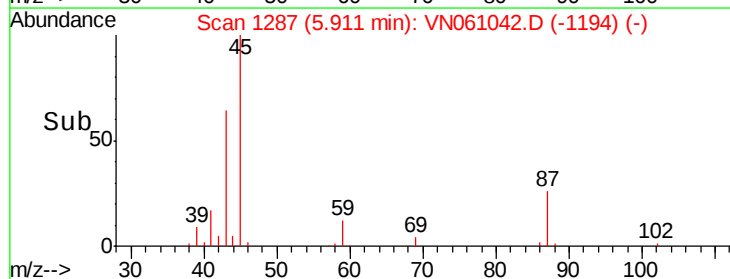
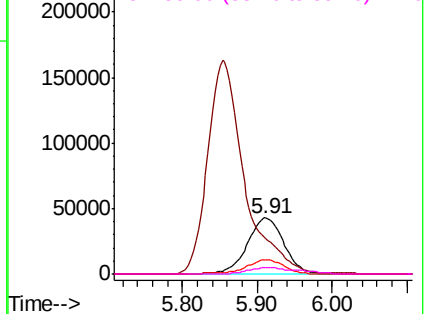
Abundance

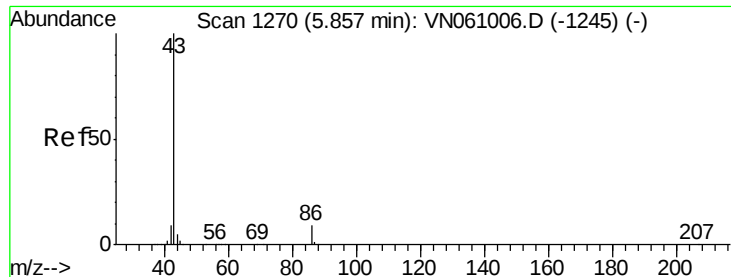
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 93.706 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VN061042.D

Acq: 17 Apr 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

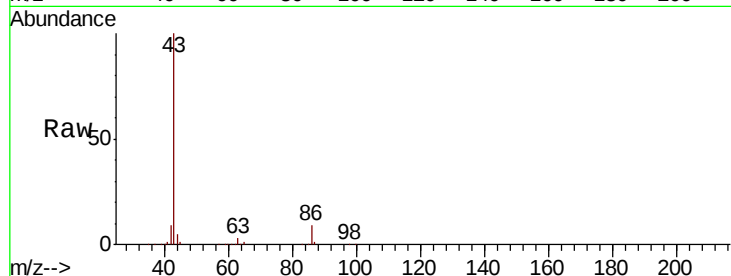
VN0417WBS01

Tot Ion: 43 Resp: 556008

Ion Ratio Lower Upper

43 100

86 9.3 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) (-)

5.85

150000

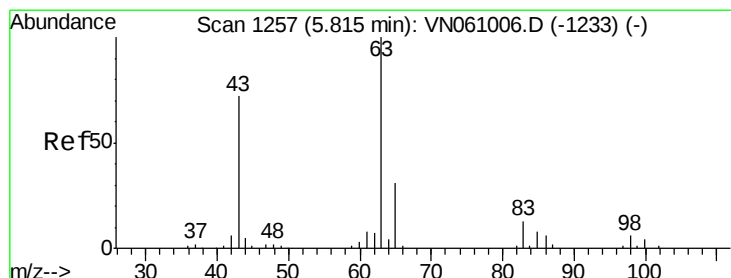
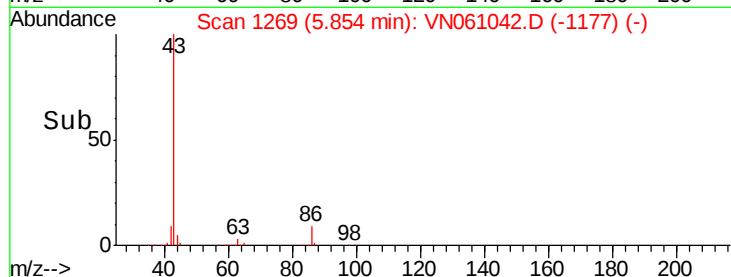
100000

50000

0

Time-->

5.70 5.80 5.90 6.00



#24

1,1-Dichloroethane

Concen: 19.350 ug/l

RT: 5.81 min Scan# 1256

Delta R.T. -0.00 min

Lab File: VN061042.D

Acq: 17 Apr 2020 11:57

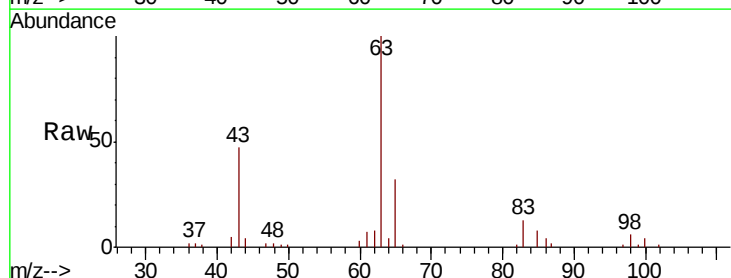
Tgt Ion: 63 Resp: 79077

Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.8

100 3.7 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) (-)

5.81

30000

25000

20000

15000

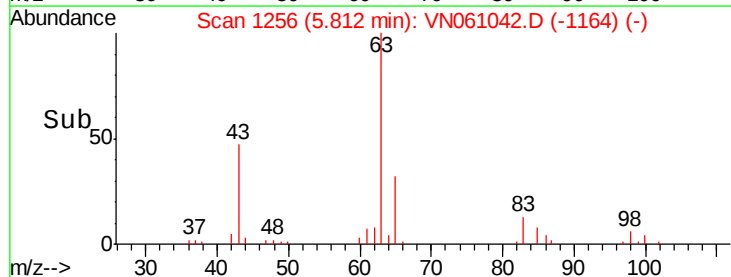
10000

5000

0

Time-->

5.70 5.80 5.90

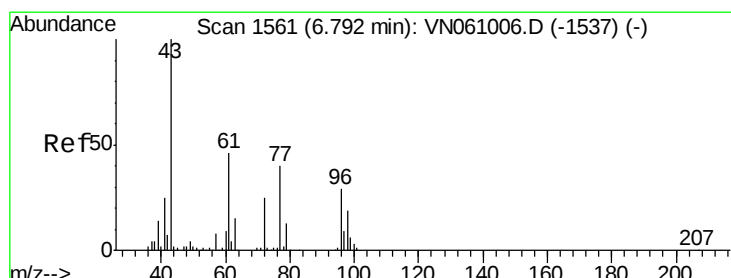
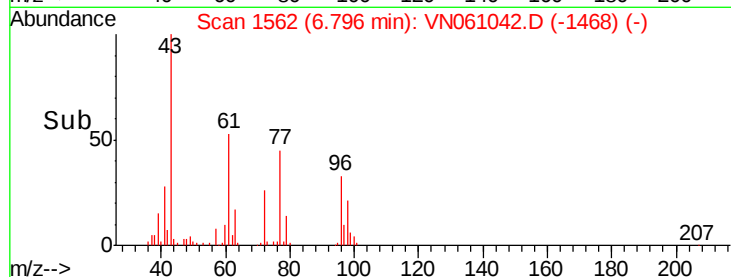
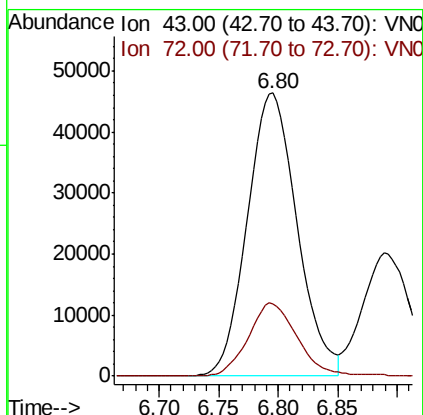
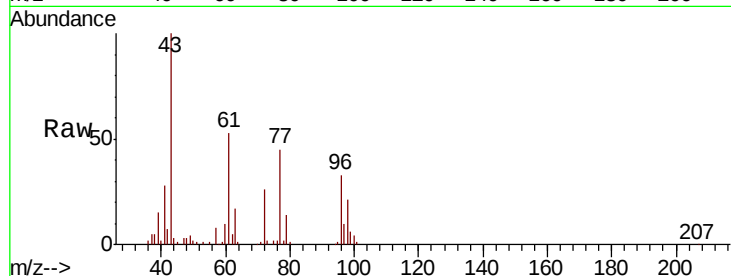




#25
2-Butanone
Concen: 88.706 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VN061042.D
Acq: 17 Apr 2020 11:57

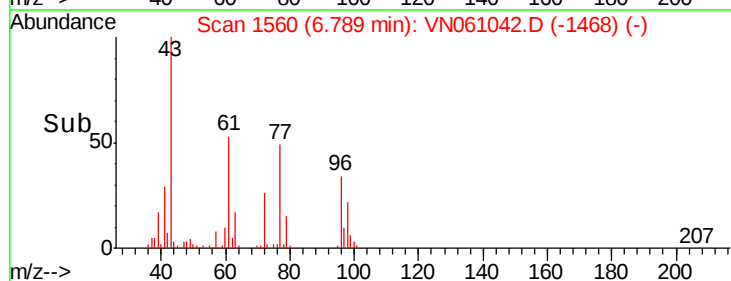
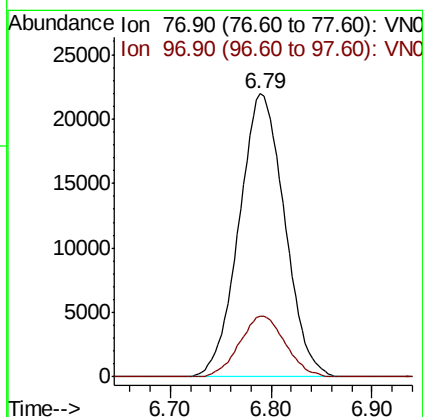
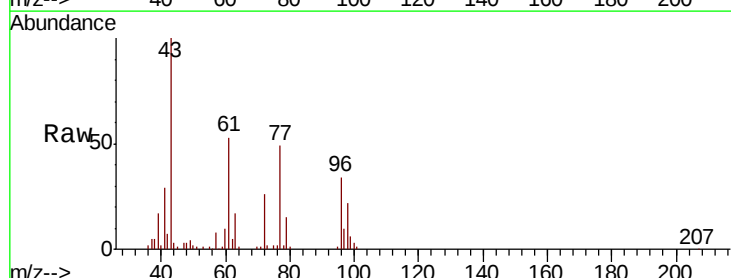
Instrument :
MSVOA_N
ClientSampled :
VN0417WBS01

Tot Ion: 43 Resp: 134692
Ion Ratio Lower Upper
43 100
72 25.7 19.6 29.4



#26
2,2-Dichloropropane
Concen: 20.206 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. -0.00 min
Lab File: VN061042.D
Acq: 17 Apr 2020 11:57

Tgt Ion: 77 Resp: 68755
Ion Ratio Lower Upper
77 100
97 21.6 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 19.249 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN061042.D

Acq: 17 Apr 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBS01

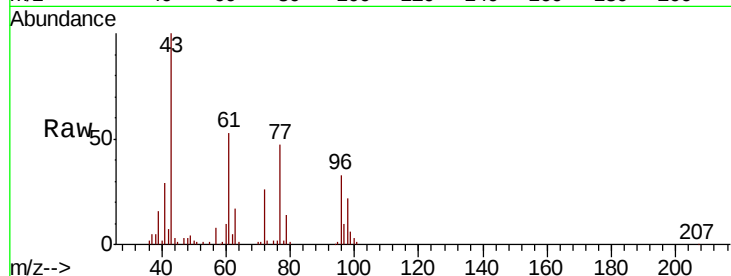
Tot Ion: 96 Resp: 45512

Ion Ratio Lower Upper

96 100

61 158.7 0.0 317.4

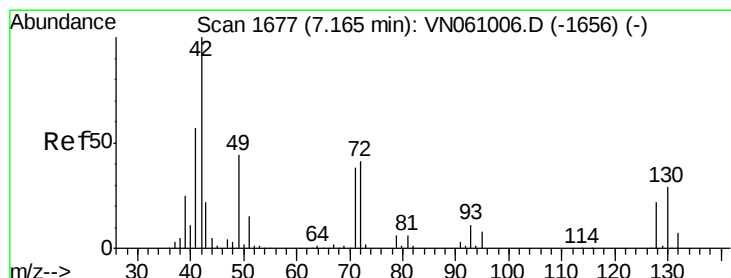
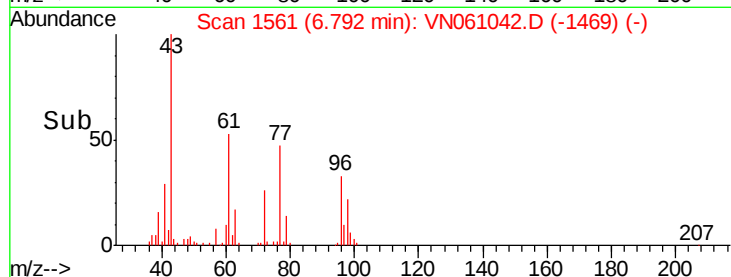
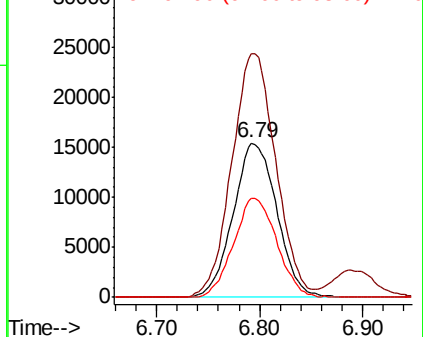
98 63.2 0.0 127.8



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: 18.675 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. 0.00 min

Lab File: VN061042.D

Acq: 17 Apr 2020 11:57

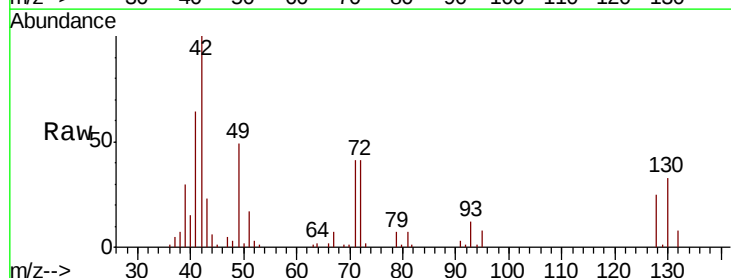
Tgt Ion: 49 Resp: 35032

Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.0

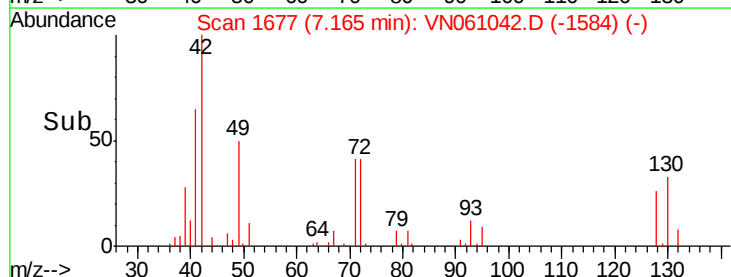
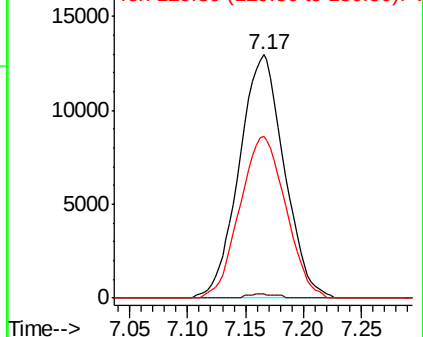
130 67.6 52.9 79.3

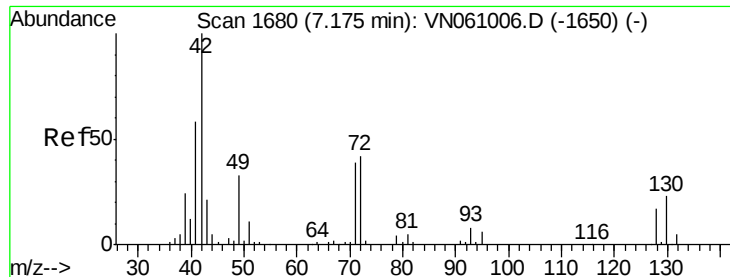


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 86.039 ug/l

RT: 7.17 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN061042.D

Acq: 17 Apr 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBS01

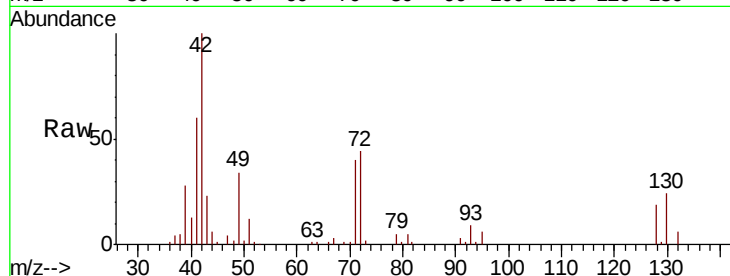
Tot Ion: 42 Resp: 88692

Ion Ratio Lower Upper

42 100

72 41.8 32.1 48.1

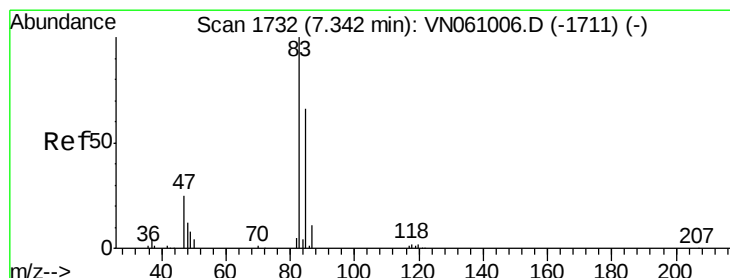
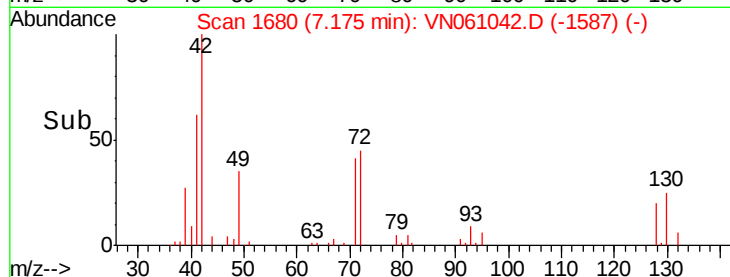
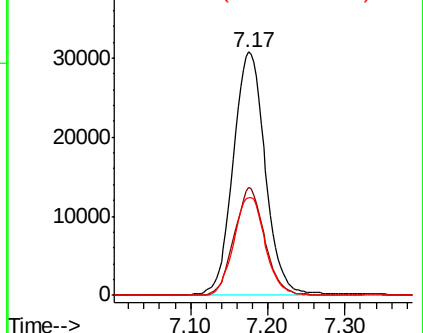
71 39.1 30.5 45.7



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: 19.402 ug/l

RT: 7.34 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VN061042.D

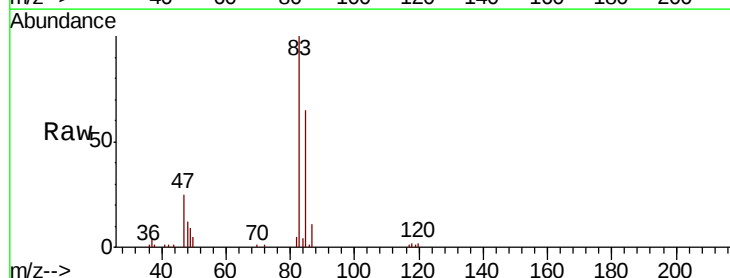
Acq: 17 Apr 2020 11:57

Tgt Ion: 83 Resp: 73958

Ion Ratio Lower Upper

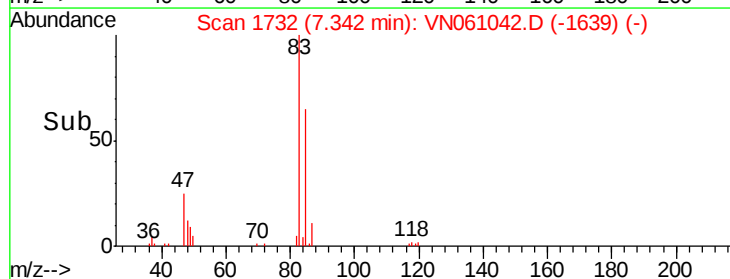
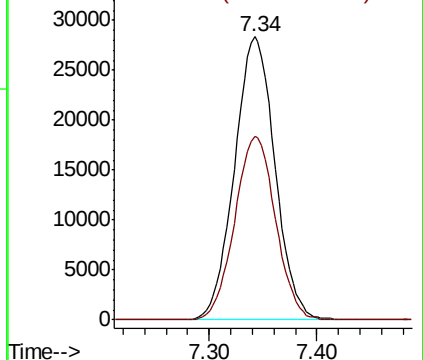
83 100

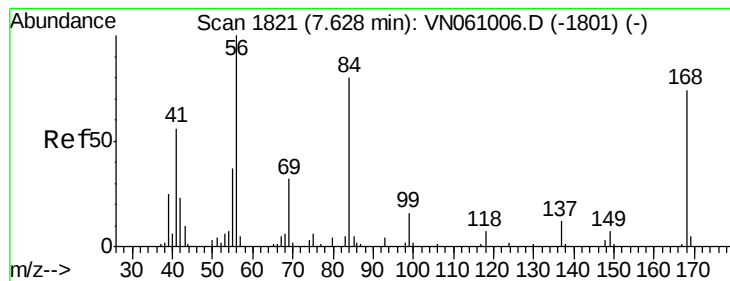
85 64.7 52.8 79.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 18.838 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN061042.D

Acq: 17 Apr 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBS01

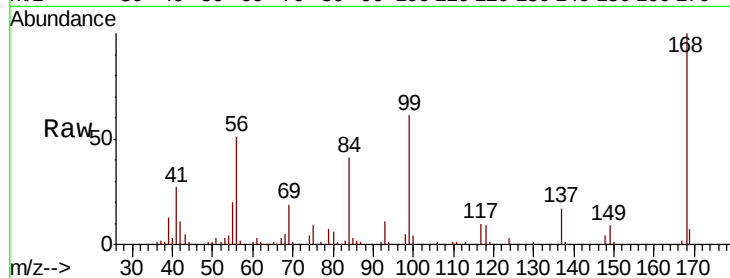
Tot Ion: 56 Resp: 78997

Ion Ratio Lower Upper

56 100

69 36.4 25.6 38.4

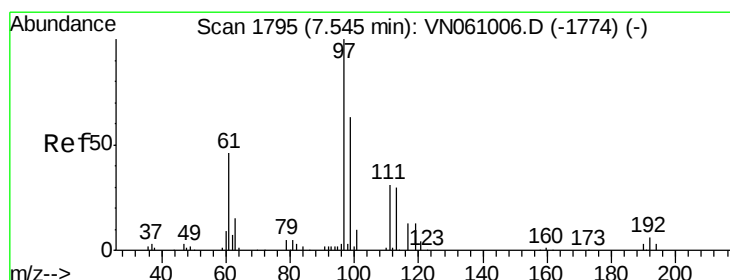
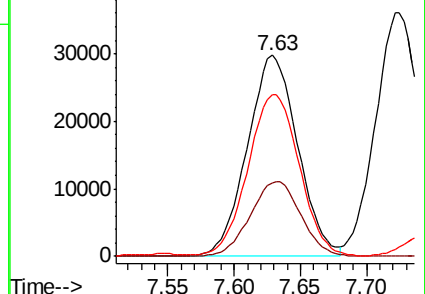
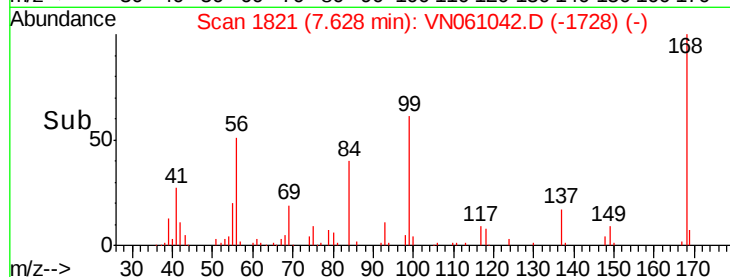
84 79.6 63.4 95.2



Abundance Ion 56.00 (55.70 to 56.70): VN061006.D (-1801) (-)

Ion 69.00 (68.70 to 69.70): VN061006.D (-1801) (-)

Ion 84.00 (83.70 to 84.70): VN061006.D (-1801) (-)



#32

1,1,1-Trichloroethane

Concen: 19.818 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN061042.D

Acq: 17 Apr 2020 11:57

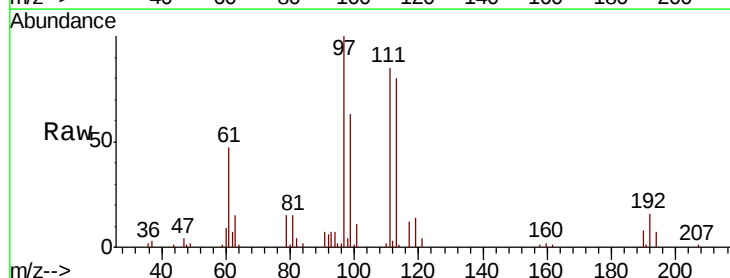
Tgt Ion: 97 Resp: 65343

Ion Ratio Lower Upper

97 100

99 63.8 51.0 76.4

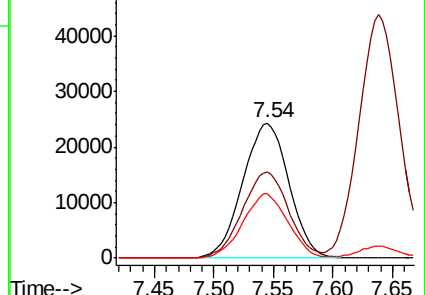
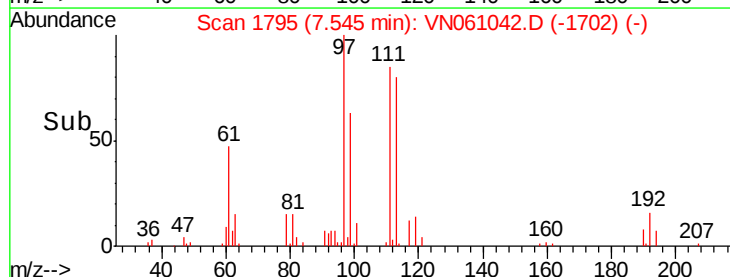
61 46.5 37.0 55.6

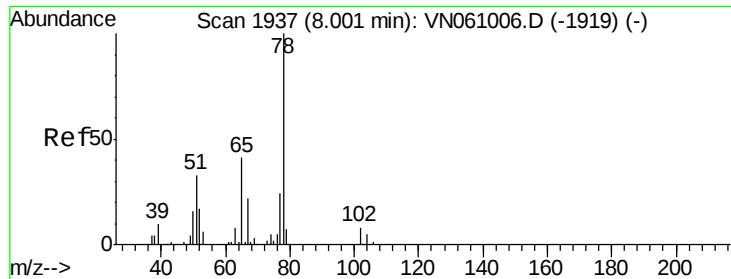


Abundance Ion 96.90 (96.60 to 97.60): VN061006.D (-1774) (-)

Ion 98.90 (98.60 to 99.60): VN061006.D (-1774) (-)

Ion 60.90 (60.60 to 61.60): VN061006.D (-1774) (-)

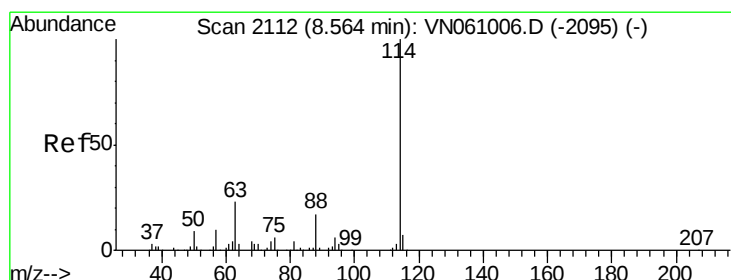
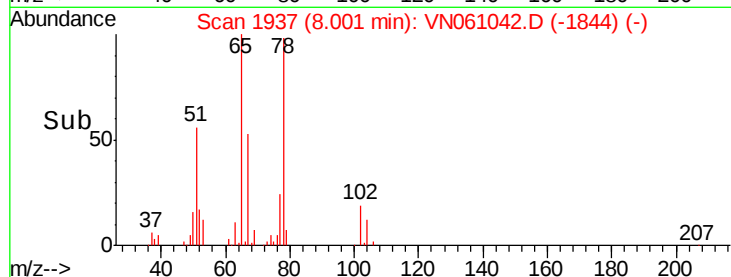
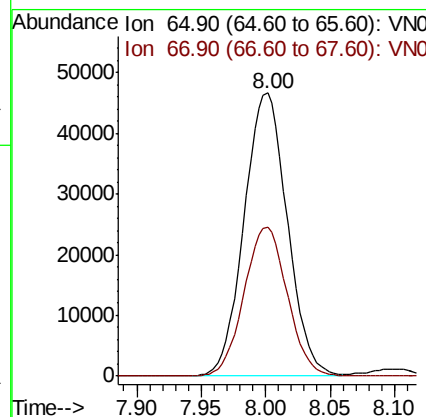
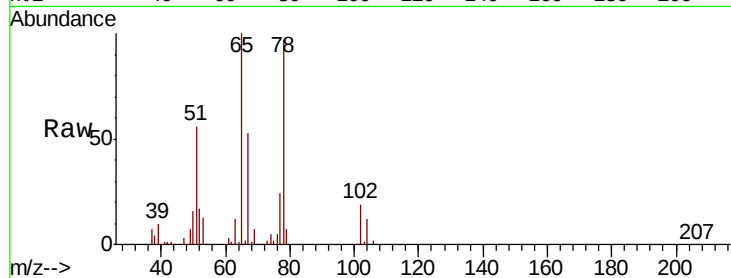




#33
 1,2-Dichloroethane-d4
 Concen: 48.337 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN061042.D
 Acq: 17 Apr 2020 11:57

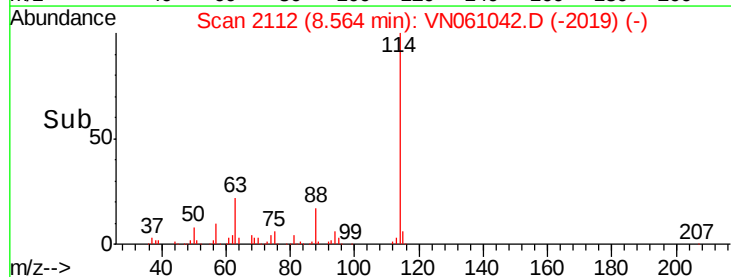
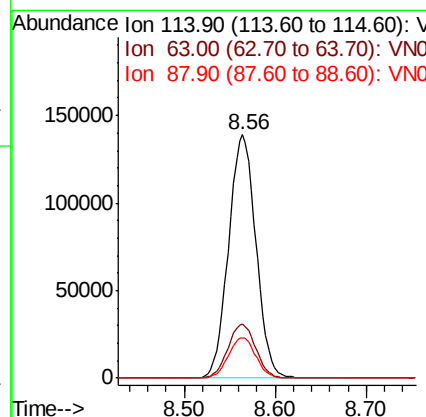
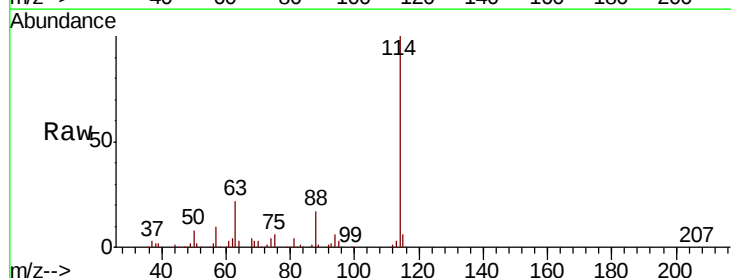
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBS01

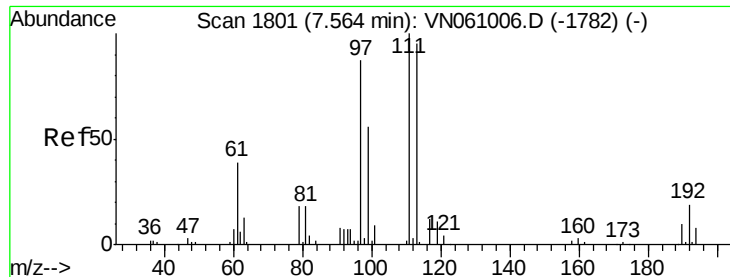
Tot Ion: 65 Resp: 108818
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN061042.D
 Acq: 17 Apr 2020 11:57

Tgt Ion: 114 Resp: 290424
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 46.2
 88 16.7 0.0 33.4

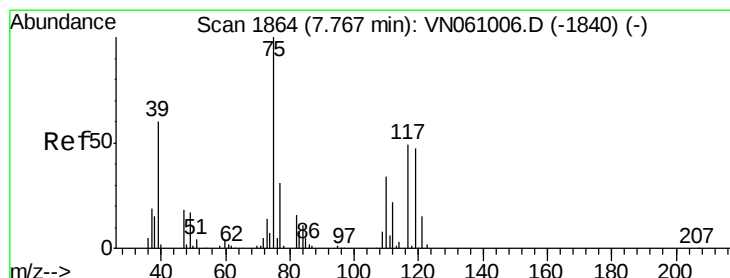
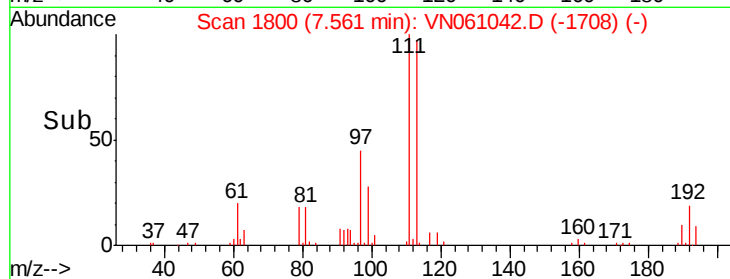
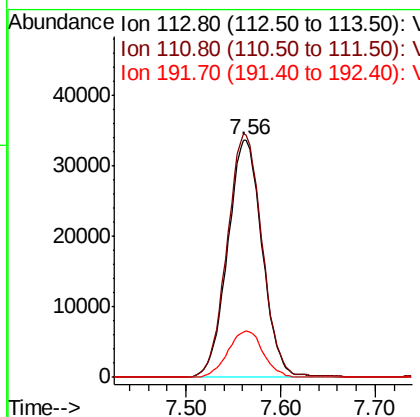
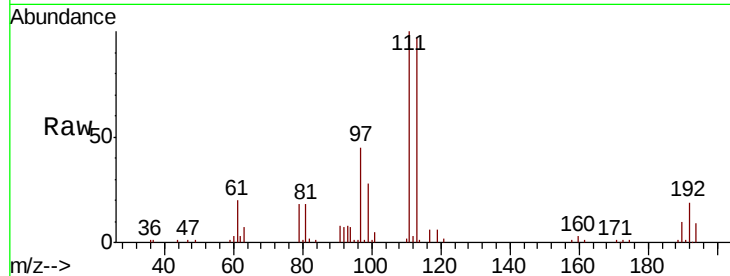




#35
 Dibromofluoromethane
 Concen: 50.454 ug/l
 RT: 7.56 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VN061042.D
 Acq: 17 Apr 2020 11:57

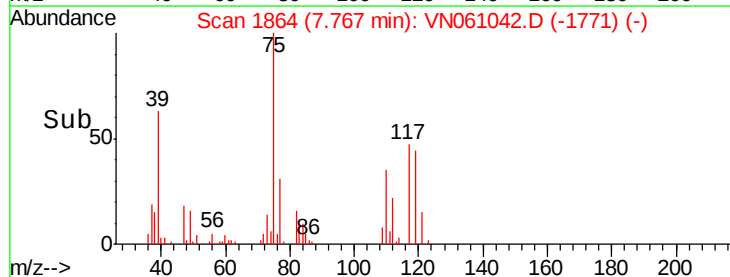
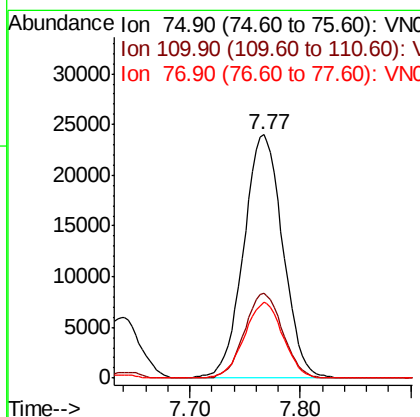
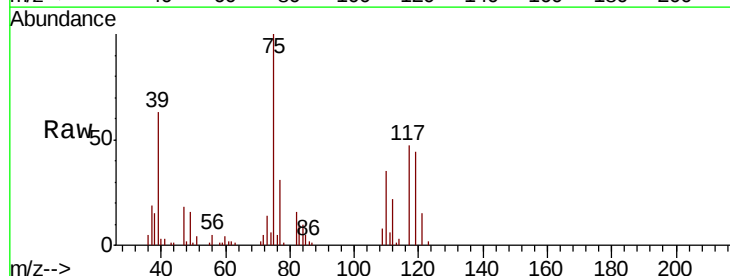
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBS01

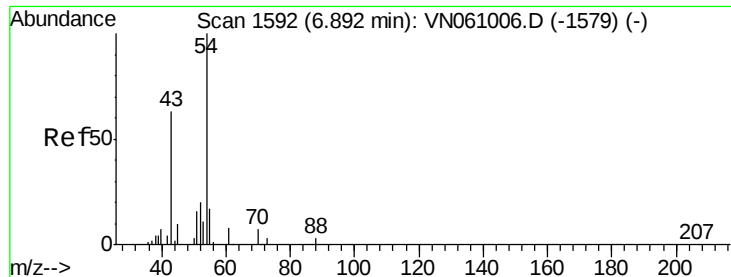
Tot Ion:113 Resp: 85572
 Ion Ratio Lower Upper
 113 100
 111 104.0 83.4 125.2
 192 19.8 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 19.656 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN061042.D
 Acq: 17 Apr 2020 11:57

Tgt Ion: 75 Resp: 58907
 Ion Ratio Lower Upper
 75 100
 110 33.9 16.8 50.3
 77 30.6 24.7 37.1

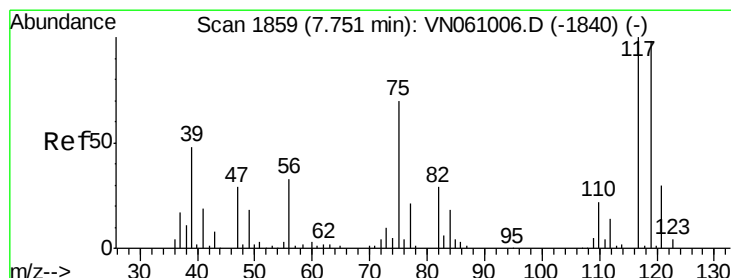
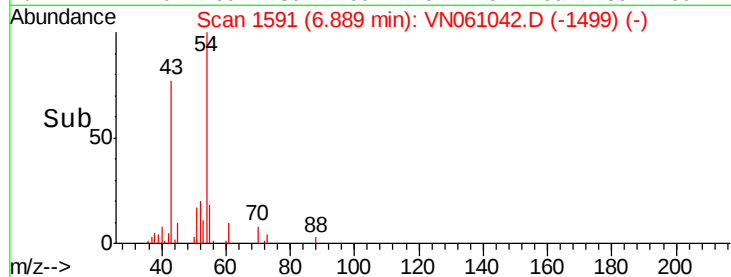
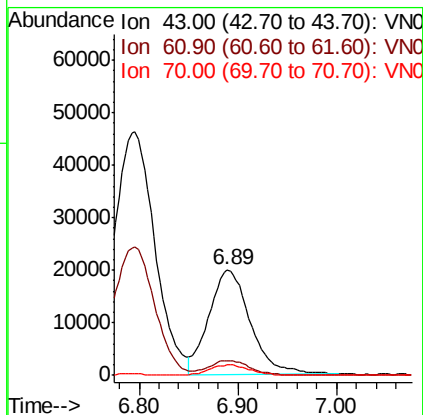
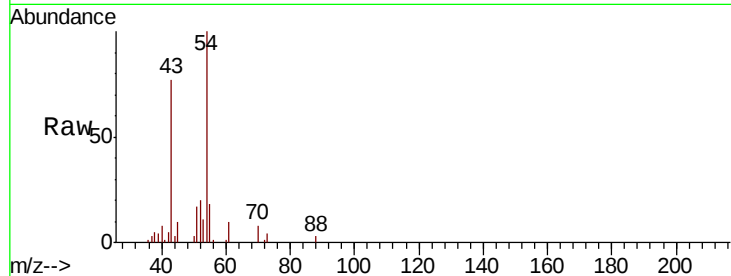




#37
Ethyl Acetate
Concen: 17.886 ug/l
RT: 6.89 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VN061042.D
Acq: 17 Apr 2020 11:57

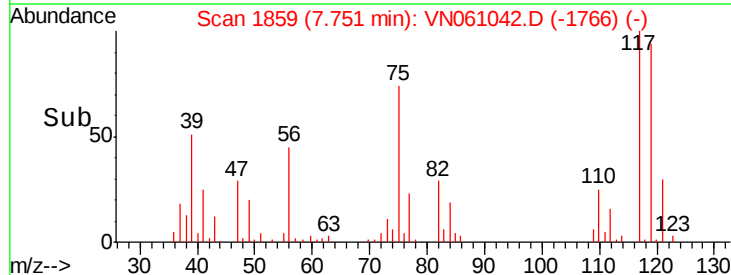
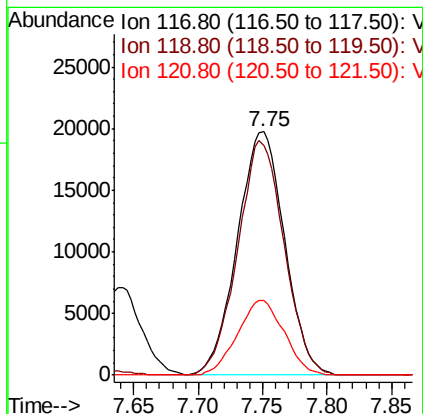
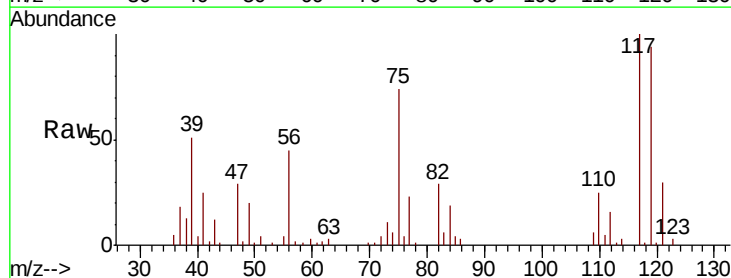
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01

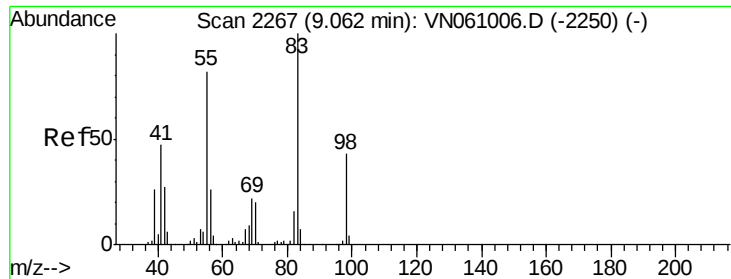
Tot Ion: 43 Resp: 58203
Ion Ratio Lower Upper
43 100
61 13.7 10.9 16.3
70 9.8 7.7 11.5



#38
Carbon Tetrachloride
Concen: 20.214 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN061042.D
Acq: 17 Apr 2020 11:57

Tgt Ion: 117 Resp: 50424
Ion Ratio Lower Upper
117 100
119 94.5 78.1 117.1
121 30.5 24.0 36.0

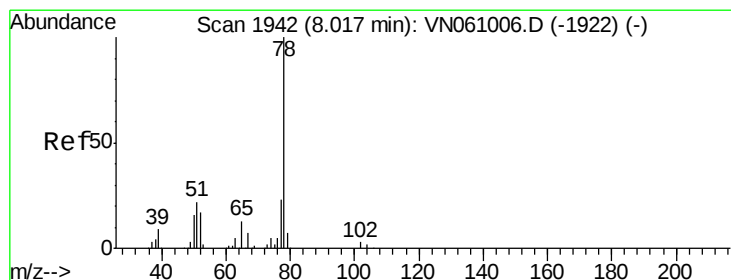
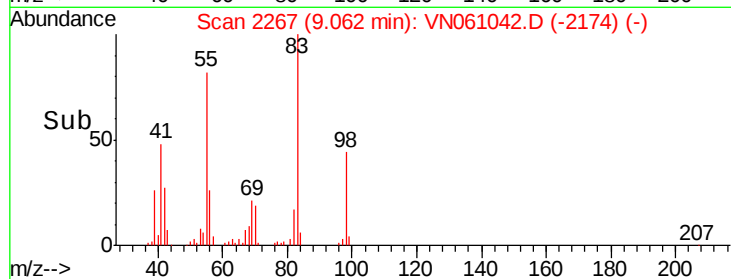
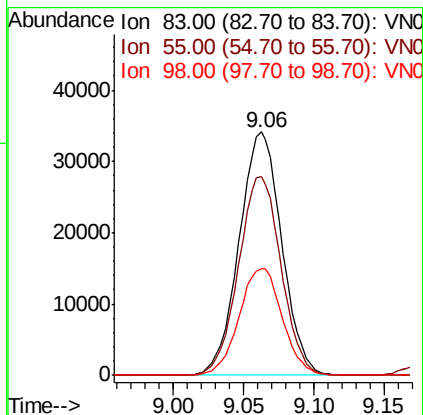
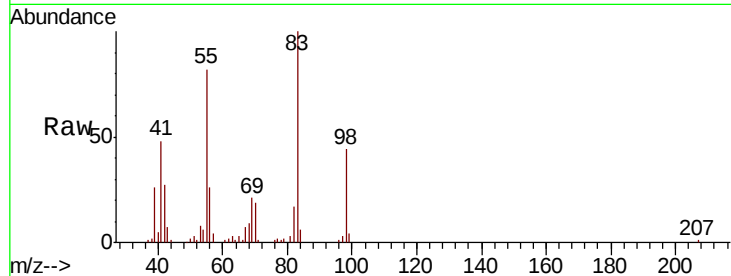




#39
Methvlcvclohexane
Concen: 20.125 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN061042.D
Acq: 17 Apr 2020 11:57

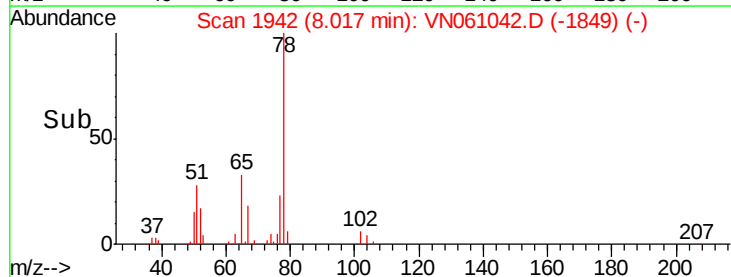
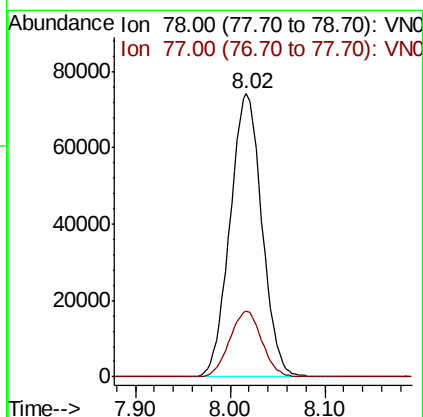
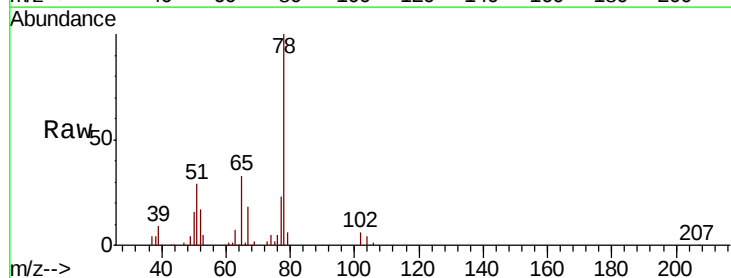
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01

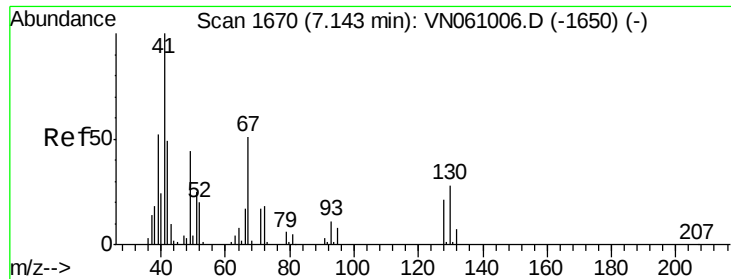
Tot Ion: 83 Resp: 72106
Ion Ratio Lower Upper
83 100
55 81.5 65.4 98.0
98 43.8 34.6 51.8



#40
Benzene
Concen: 19.572 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN061042.D
Acq: 17 Apr 2020 11:57

Tgt Ion: 78 Resp: 174016
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2

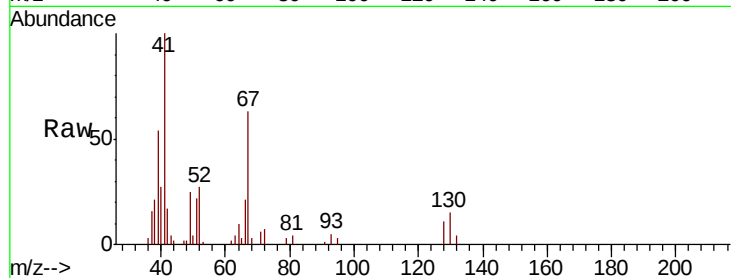




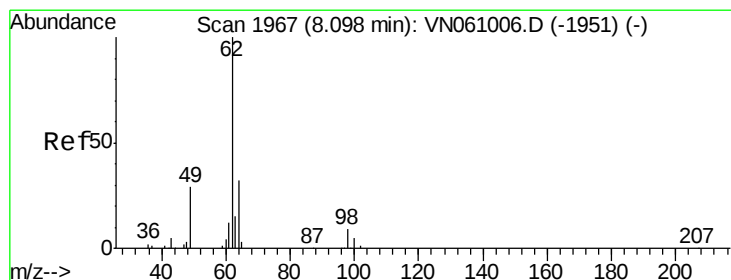
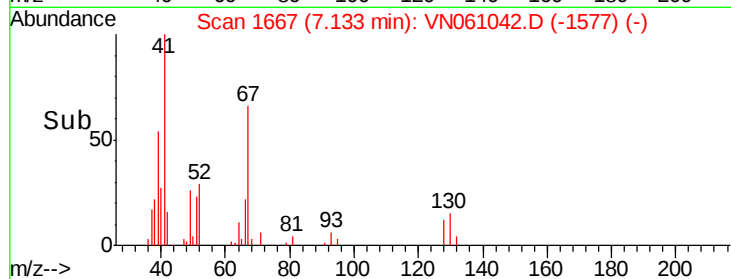
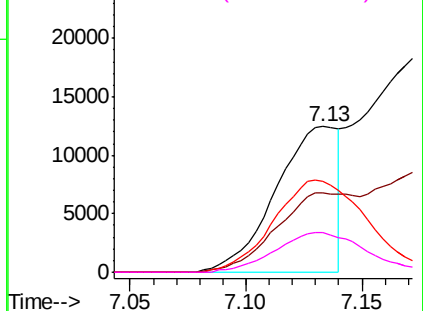
#41
Methacrylonitrile
Concen: 17.154 ug/l
RT: 7.13 min Scan# 1667
Delta R.T. -0.01 min
Lab File: VN061042.D
Acq: 17 Apr 2020 11:57

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01

Tot Ion:	41	Resp:	23284
Ion	Ratio	Lower	Upper
41	100		
39	70.3	0.0	0.0#
67	95.6	0.0	0.0#
52	40.0	0.0	0.0#

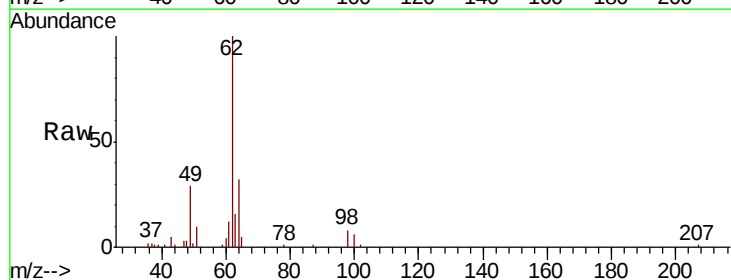


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

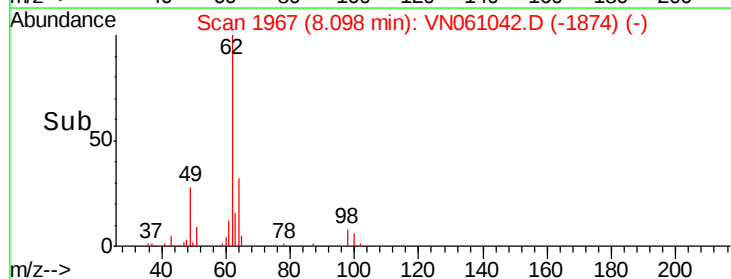
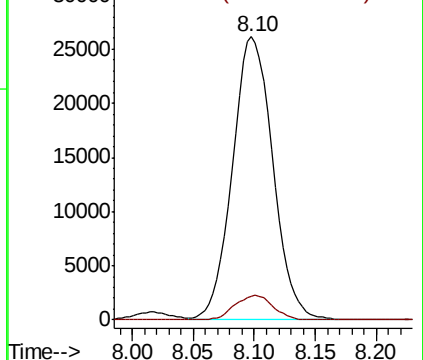


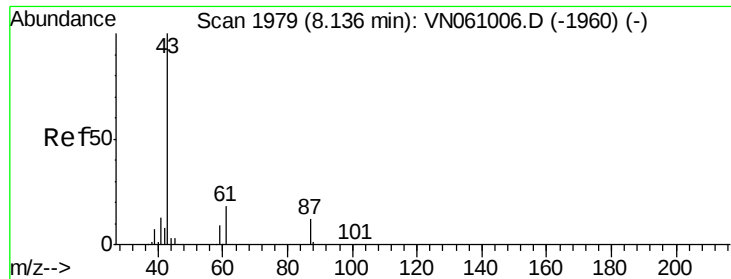
#42
1,2-Dichloroethane
Concen: 19.870 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN061042.D
Acq: 17 Apr 2020 11:57

Tgt Ion:	62	Resp:	60182
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.2



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 18.518 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN061042.D

Acq: 17 Apr 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBS01

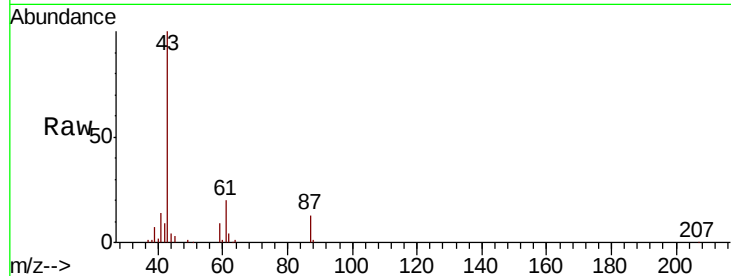
Tot Ion: 43 Resp: 98006

Ion Ratio Lower Upper

43 100

61 26.2 20.3 30.5

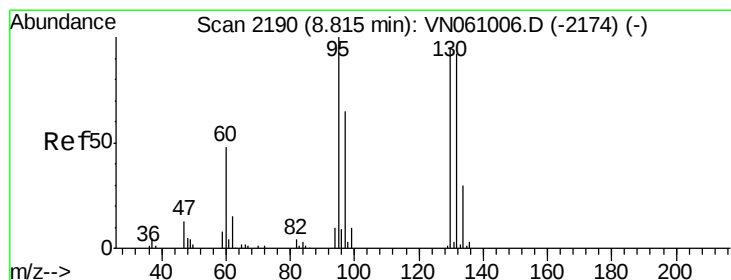
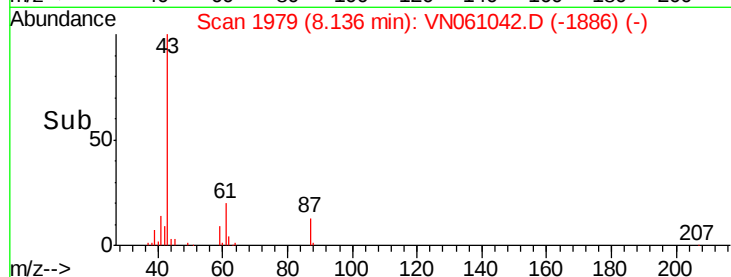
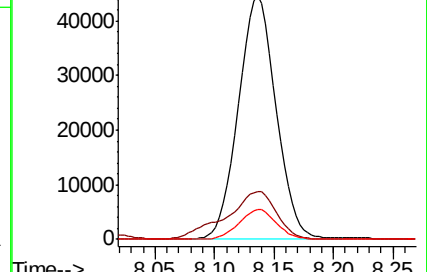
87 12.0 9.4 14.2



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: 19.636 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. 0.00 min

Lab File: VN061042.D

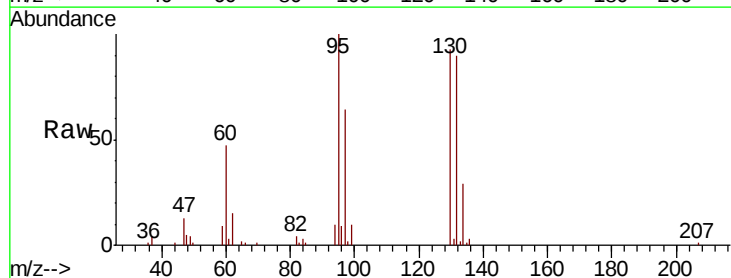
Acq: 17 Apr 2020 11:57

Tgt Ion:130 Resp: 43867

Ion Ratio Lower Upper

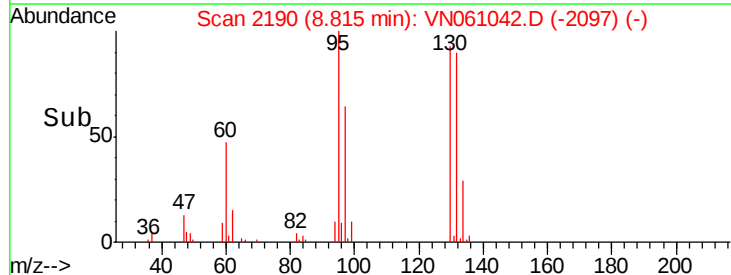
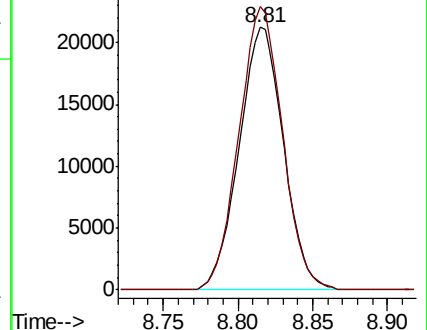
130 100

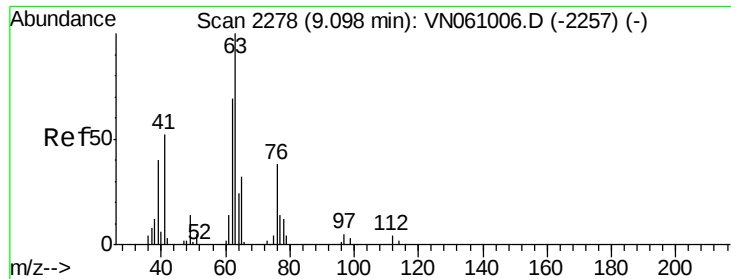
95 107.9 0.0 210.0



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

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

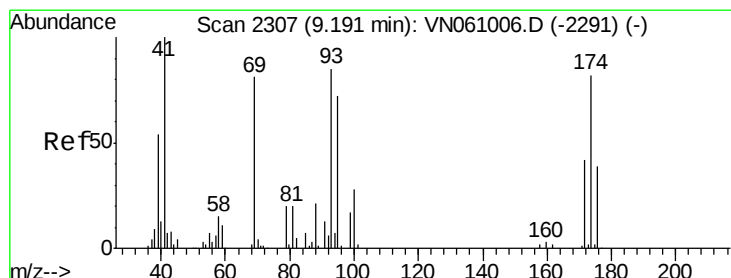
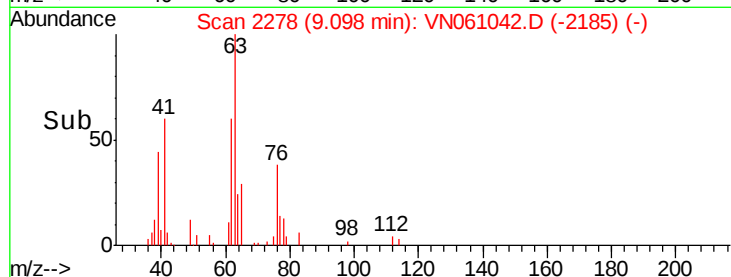
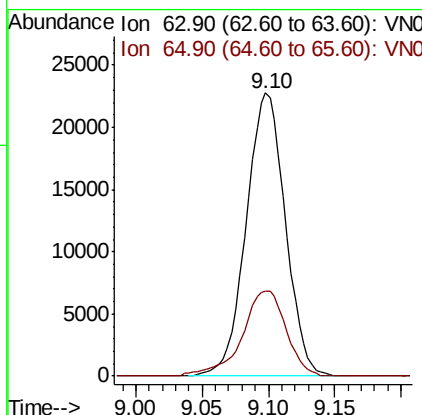
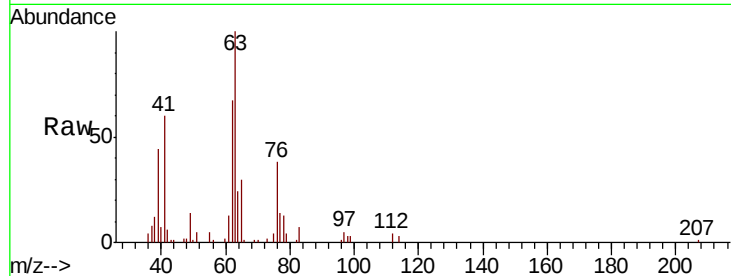




#45
 1,2-Dichloropropane
 Concen: 19.412 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: VN061042.D
 Acq: 17 Apr 2020 11:57

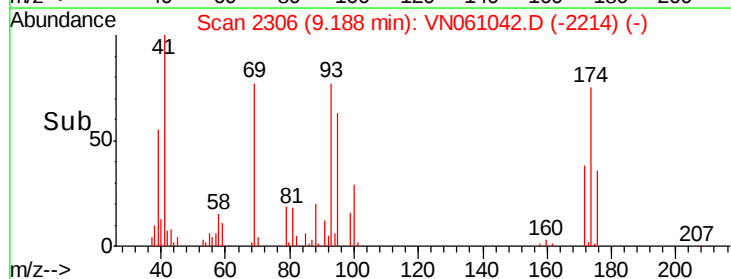
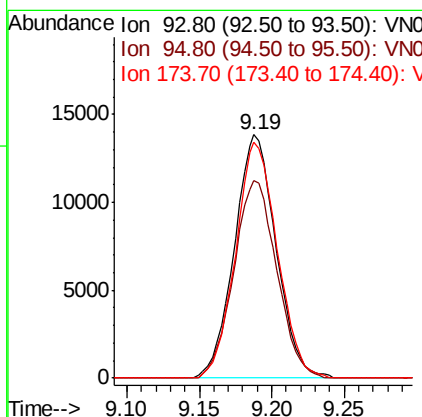
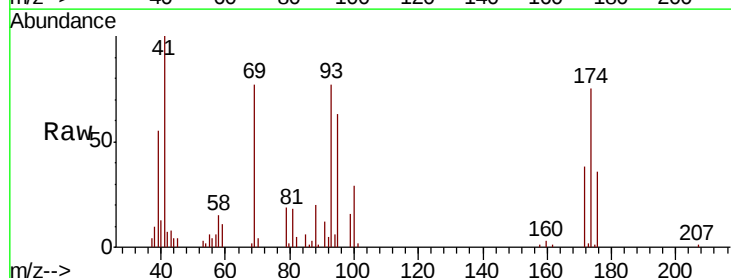
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBS01

Tot Ion: 63 Resp: 46617
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.2 37.8



#46
 Dibromomethane
 Concen: 19.985 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN061042.D
 Acq: 17 Apr 2020 11:57

Tgt Ion: 93 Resp: 27670
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.8 100.2
 174 96.8 76.2 114.4

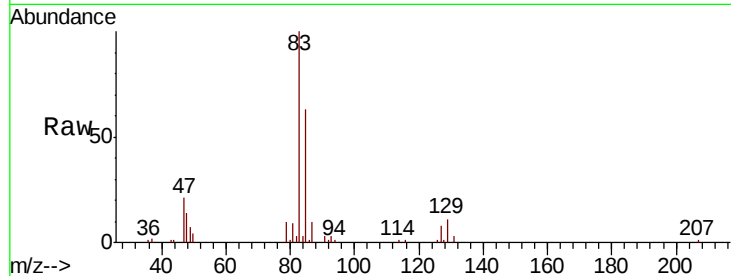




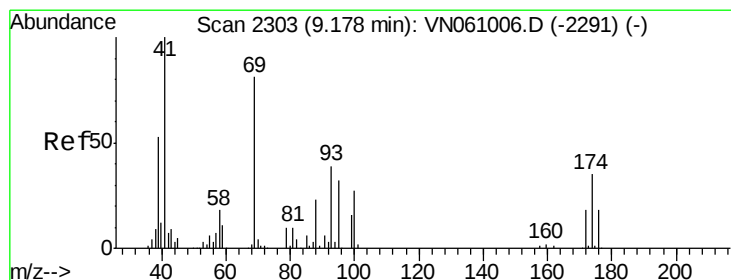
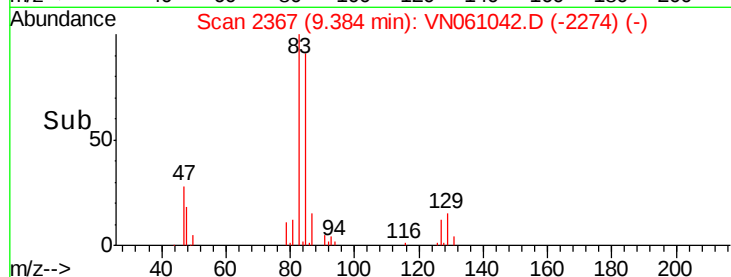
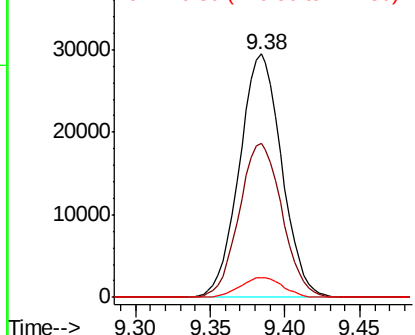
#47
 Bromodichloromethane
 Concen: 19.798 ug/l
 RT: 9.38 min Scan# 2367
 Delta R.T. -0.00 min
 Lab File: VN061042.D
 Acq: 17 Apr 2020 11:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBS01

Tot Ion: 83 Resp: 57908
 Ion Ratio Lower Upper
 83 100
 85 63.3 50.6 76.0
 127 8.1 6.1 9.1

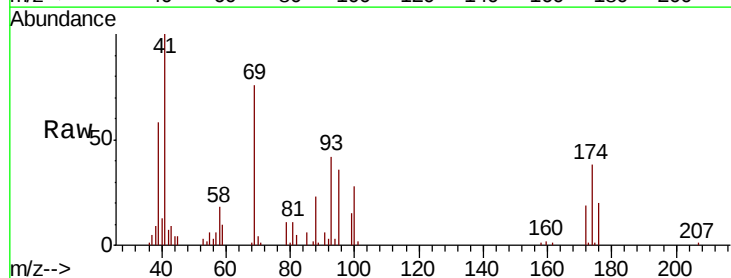


Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 126.80 (126.50 to 127.50): V

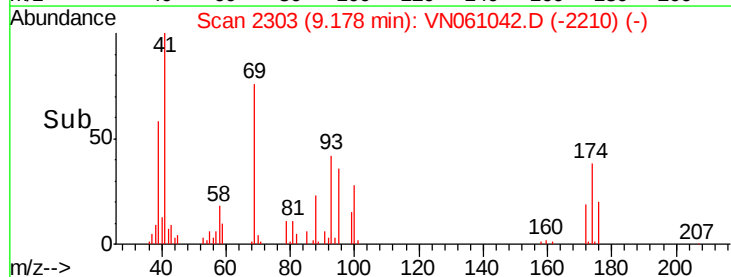
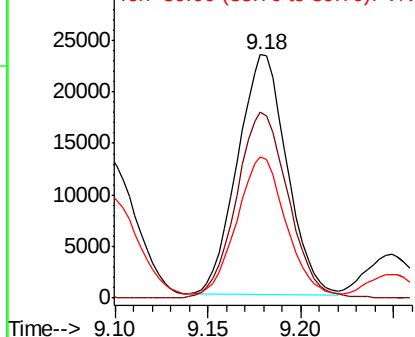


#48
 Methyl methacrylate
 Concen: 18.427 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: VN061042.D
 Acq: 17 Apr 2020 11:57

Tgt Ion: 41 Resp: 43099
 Ion Ratio Lower Upper
 41 100
 69 80.9 65.3 97.9
 39 56.4 45.2 67.8



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

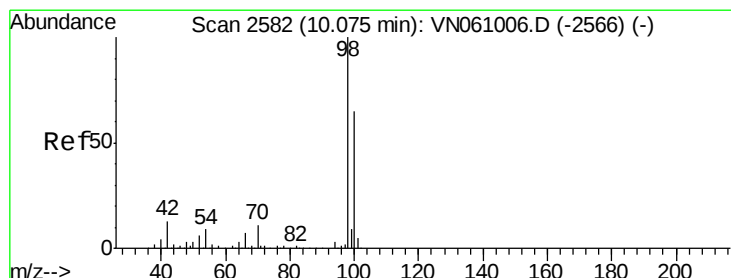
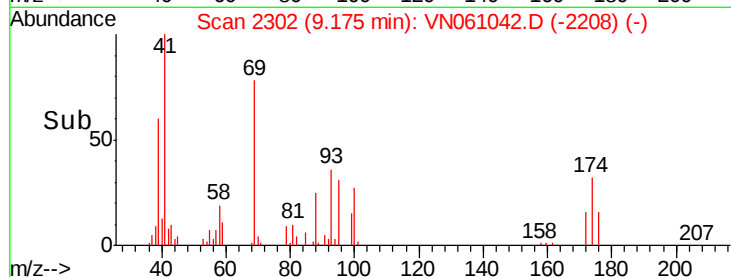
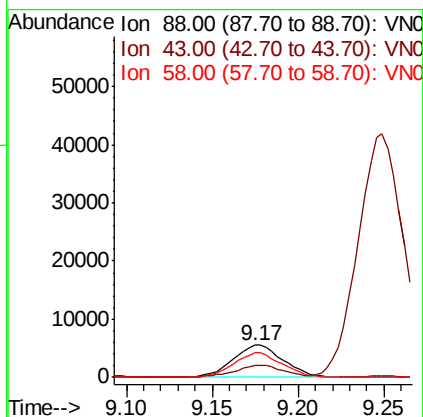
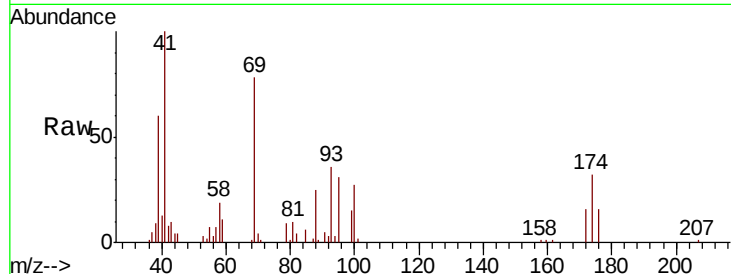




#49
 1,4-Dioxane
 Concen: 354.056 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN061042.D
 Acq: 17 Apr 2020 11:57

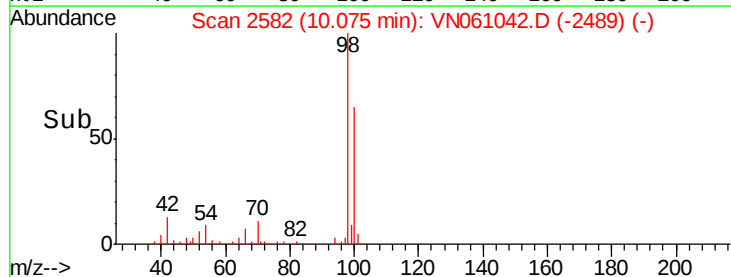
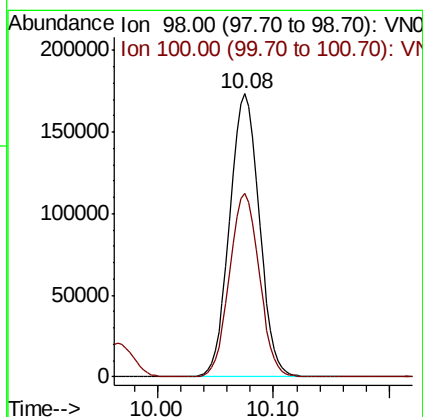
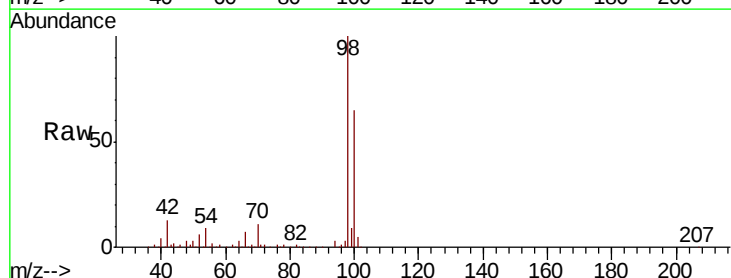
Instrument :
 MSVOA_N
 ClientSampled :
 VN0417WBS01

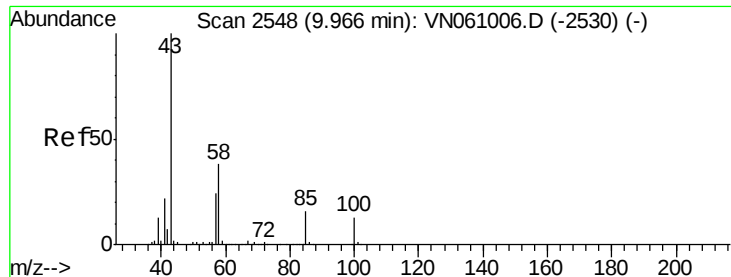
Tot Ion: 88 Resp: 11206
 Ion Ratio Lower Upper
 88 100
 43 37.0 30.9 46.3
 58 72.7 59.8 89.8



#50
 Toluene-d8
 Concen: 47.931 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. 0.00 min
 Lab File: VN061042.D
 Acq: 17 Apr 2020 11:57

Tgt Ion: 98 Resp: 307190
 Ion Ratio Lower Upper
 98 100
 100 65.0 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 91.561 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN061042.D

Acq: 17 Apr 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

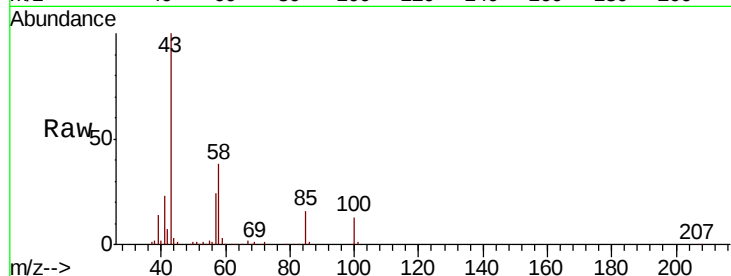
VN0417WBS01

Tot Ion: 43 Resp: 279349

Ion Ratio Lower Upper

43 100

58 38.0 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-2530) (-)

Ion 58.00 (57.70 to 58.70): VN061006.D (-2530) (-)

9.97

150000

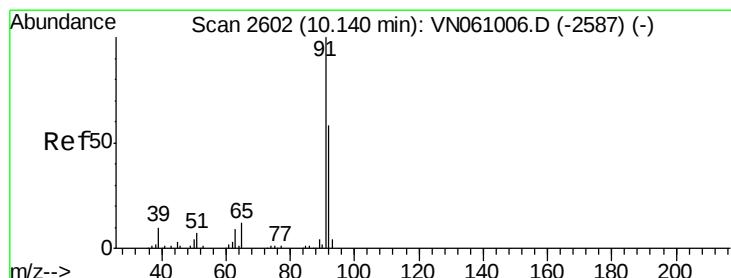
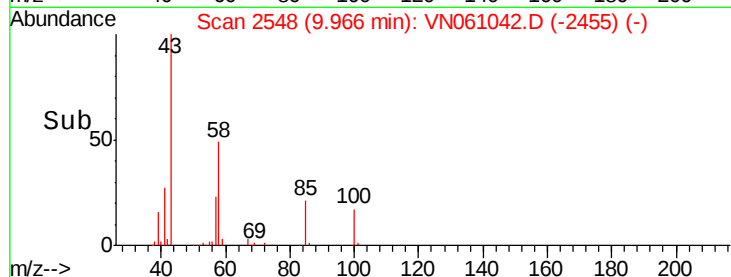
100000

50000

0

9.90 10.00

Time-->



#52

Toluene

Concen: 19.692 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN061042.D

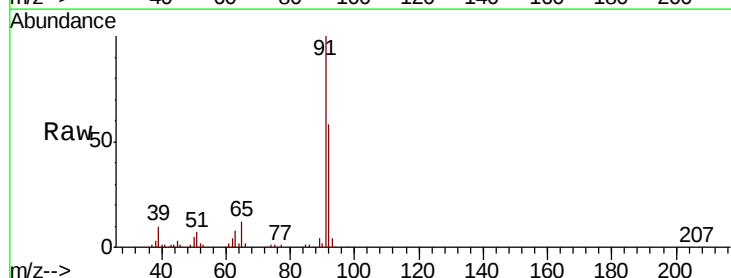
Acq: 17 Apr 2020 11:57

Tgt Ion: 92 Resp: 105032

Ion Ratio Lower Upper

92 100

91 173.9 137.7 206.5



Abundance Ion 92.00 (91.70 to 92.70): VN061006.D (-2587) (-)

Ion 91.00 (90.70 to 91.70): VN061006.D (-2587) (-)

10.14

120000

100000

80000

60000

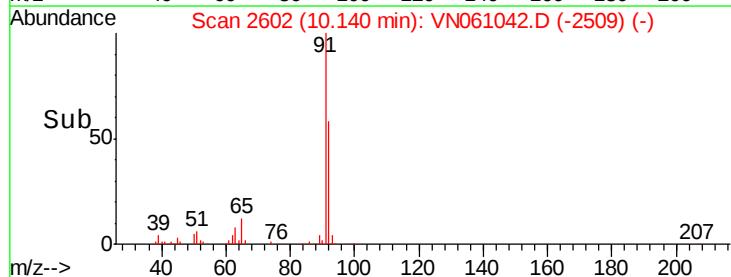
40000

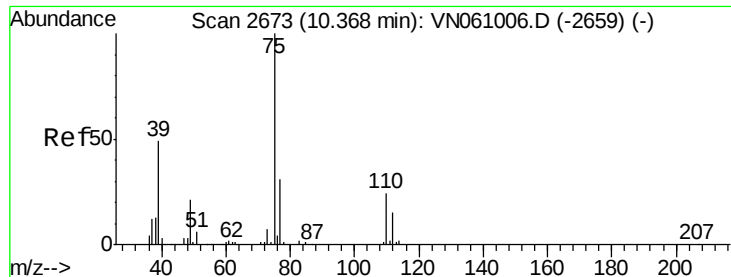
20000

0

10.05 10.10 10.15 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.795 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN061042.D

Acq: 17 Apr 2020 11:57

Instrument :

MSVOA_N

ClientSampled :

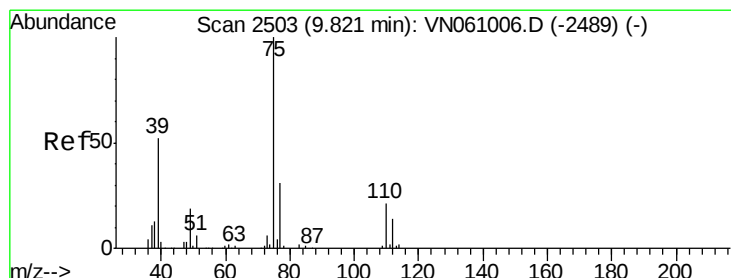
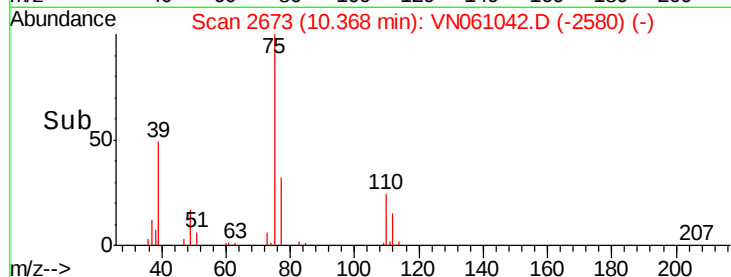
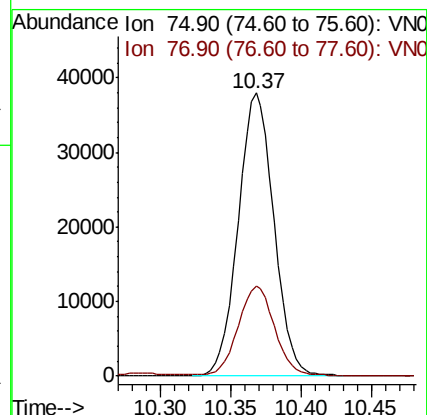
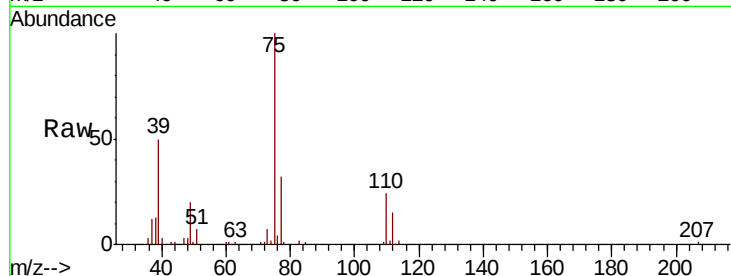
VN0417WBS01

Tot Ion: 75 Resp: 67254

Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 19.797 ug/l

RT: 9.82 min Scan# 2503

Delta R.T. -0.00 min

Lab File: VN061042.D

Acq: 17 Apr 2020 11:57

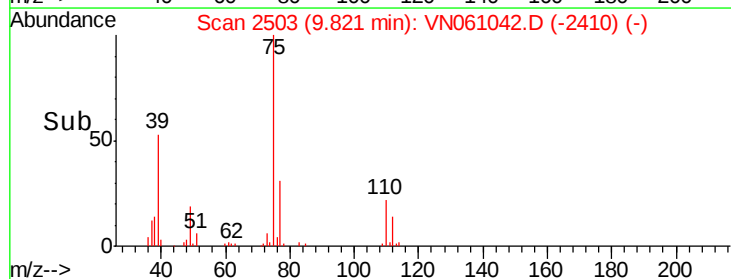
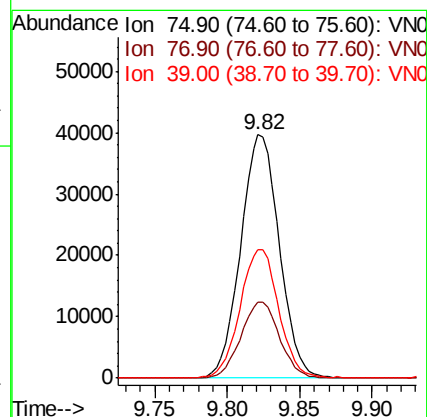
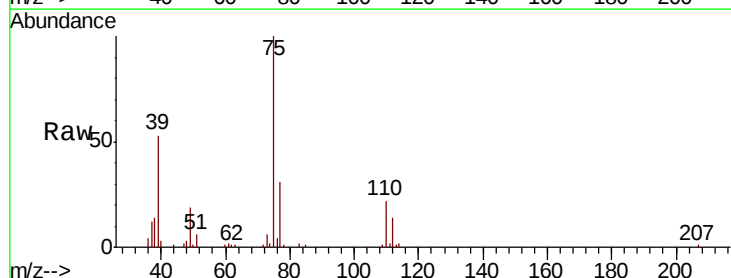
Tgt Ion: 75 Resp: 73388

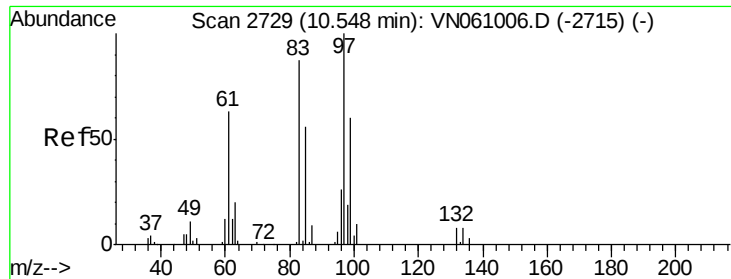
Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.6

39 52.8 41.4 62.2

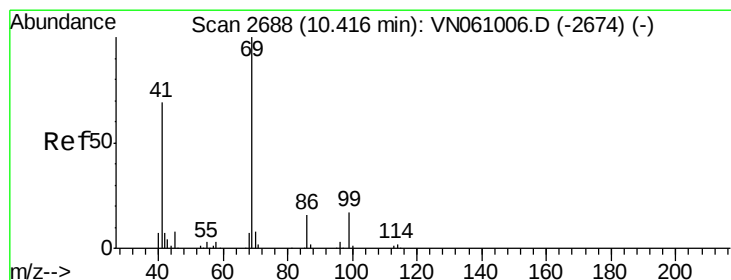
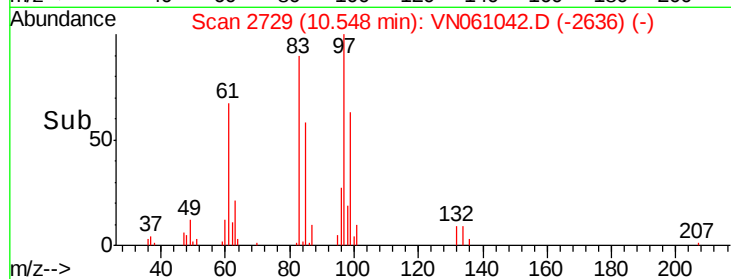
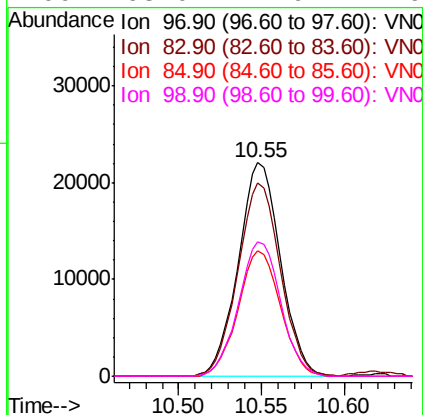
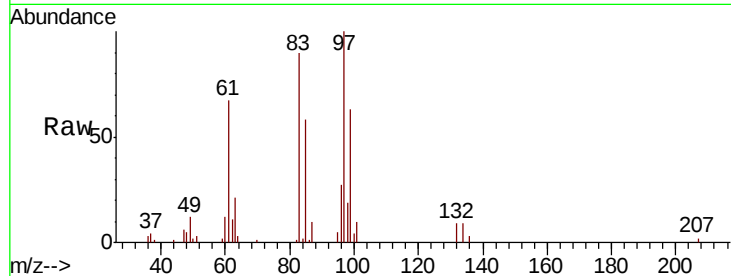




#55
 1,1,2-Trichloroethane
 Concen: 19.326 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: VN061042.D
 Acq: 17 Apr 2020 11:57

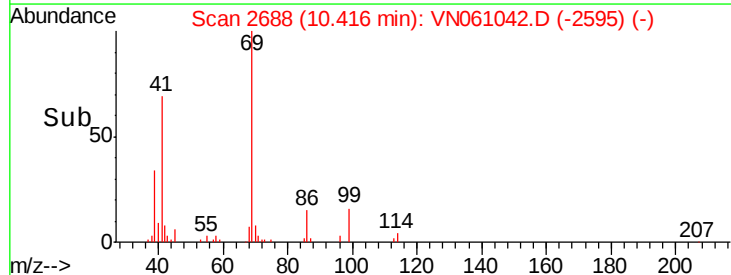
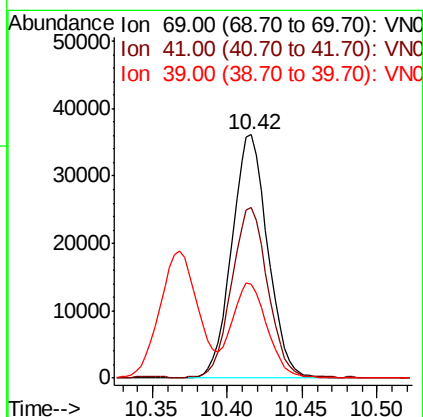
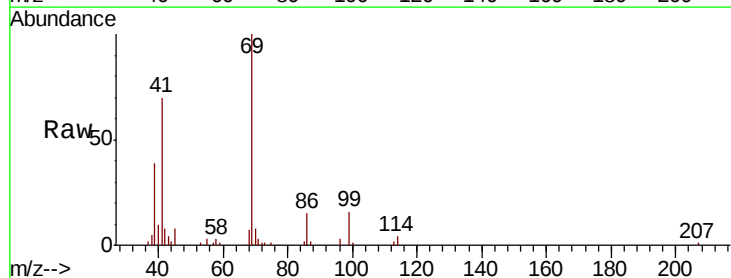
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBS01

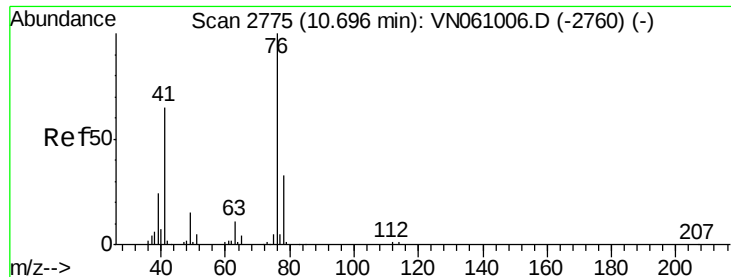
Tot Ion: 97 Resp: 39009
 Ion Ratio Lower Upper
 97 100
 83 90.4 69.5 104.3
 85 58.5 45.0 67.4
 99 63.0 47.9 71.9



#56
 Ethyl methacrylate
 Concen: 19.082 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN061042.D
 Acq: 17 Apr 2020 11:57

Tgt Ion: 69 Resp: 60566
 Ion Ratio Lower Upper
 69 100
 41 70.9 56.7 85.1
 39 38.3 29.4 44.0





#57

1,3-Dichloropropane

Concen: 19.585 ug/l

RT: 10.69 min Scan# 2774

Delta R.T. -0.00 min

Lab File: VN061042.D

Acq: 17 Apr 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

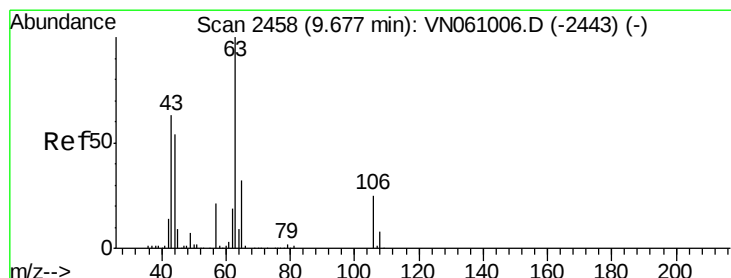
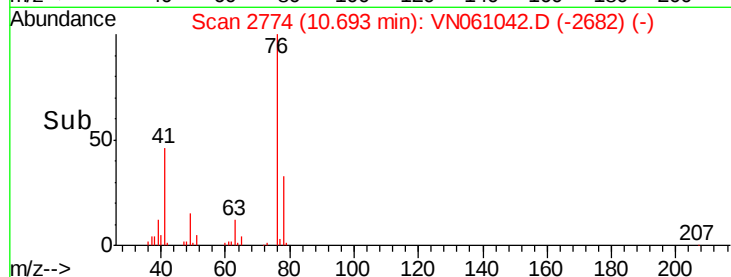
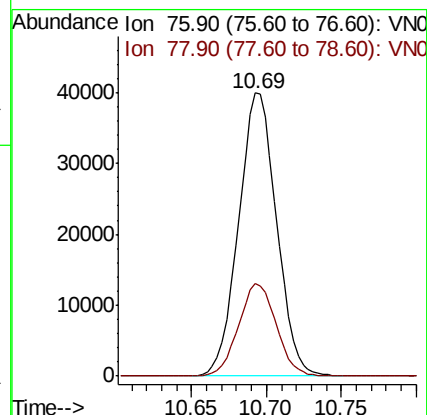
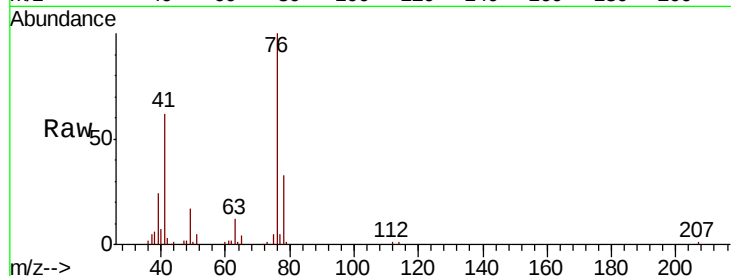
VN0417WBS01

Tot Ion: 76 Resp: 70514

Ion Ratio Lower Upper

76 100

78 32.2 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 88.770 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. 0.00 min

Lab File: VN061042.D

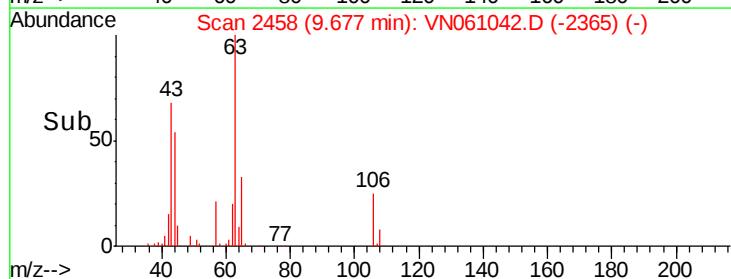
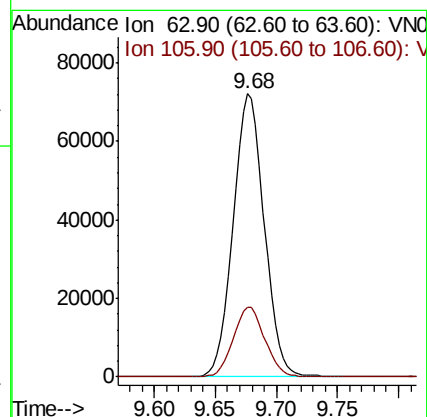
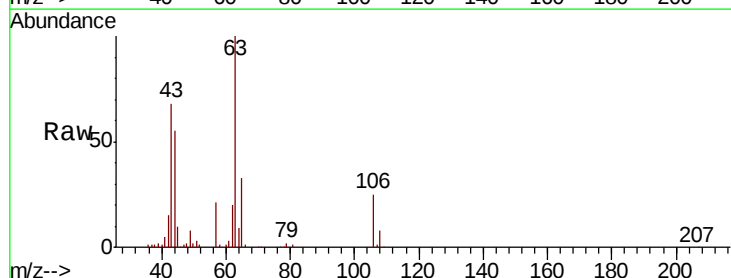
Acq: 17 Apr 2020 11:57

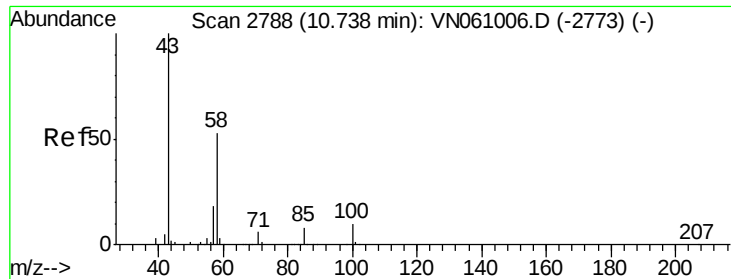
Tgt Ion: 63 Resp: 128030

Ion Ratio Lower Upper

63 100

106 25.0 19.5 29.3

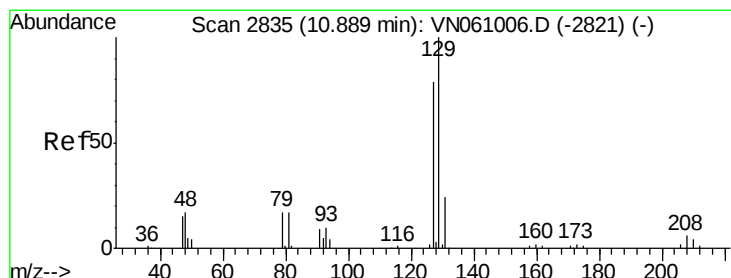
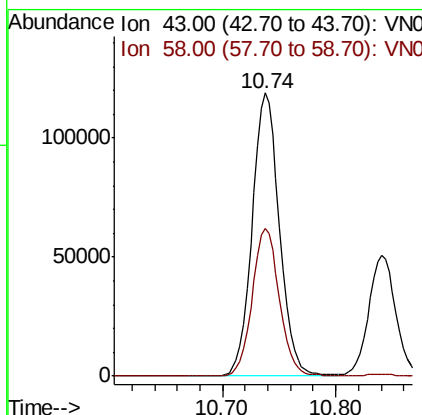
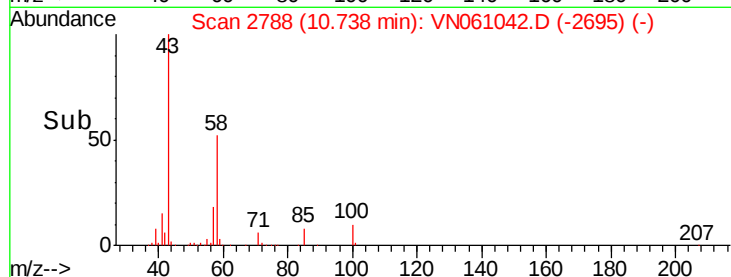
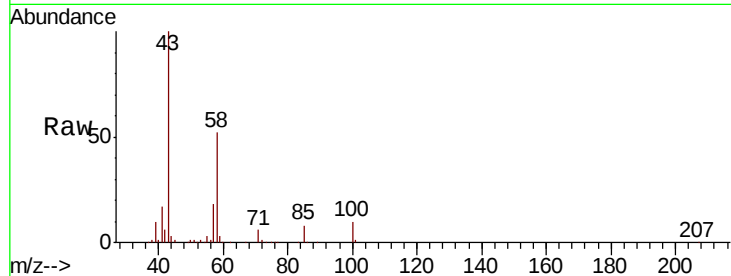




#59
2-Hexanone
Concen: 90.356 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. 0.00 min
Lab File: VN061042.D
Acq: 17 Apr 2020 11:57

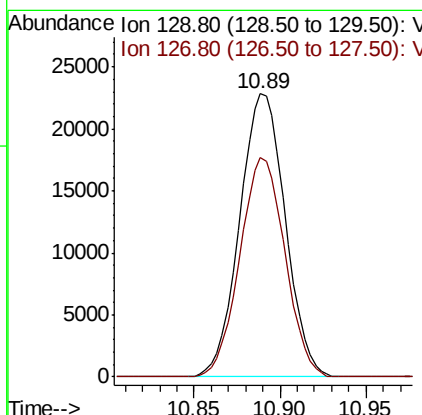
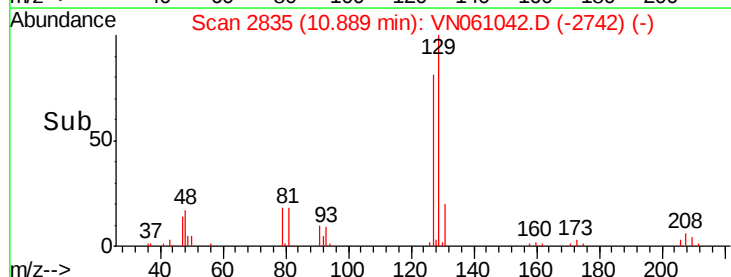
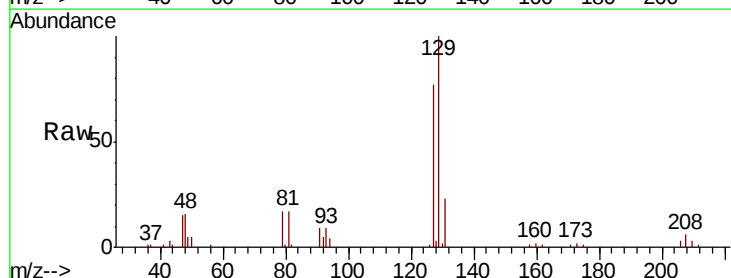
Instrument :
MSVOA_N
ClientSampled :
VN0417WBS01

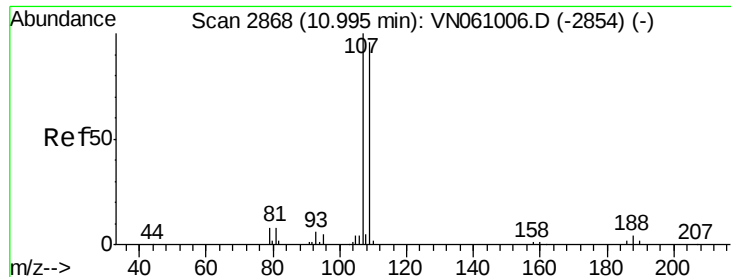
Tot Ion: 43 Resp: 198808
Ion Ratio Lower Upper
43 100
58 52.1 26.4 79.0



#60
Dibromochloromethane
Concen: 20.273 ug/l
RT: 10.89 min Scan# 2835
Delta R.T. -0.00 min
Lab File: VN061042.D
Acq: 17 Apr 2020 11:57

Tgt Ion: 129 Resp: 42035
Ion Ratio Lower Upper
129 100
127 76.6 39.0 116.9

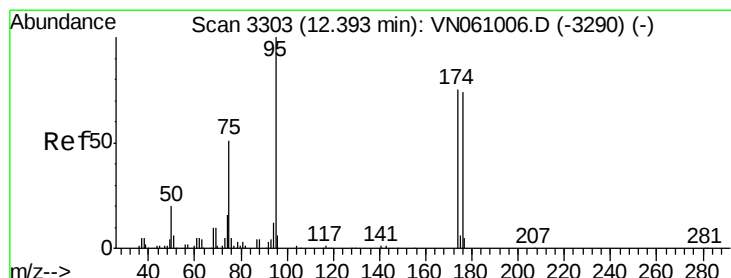
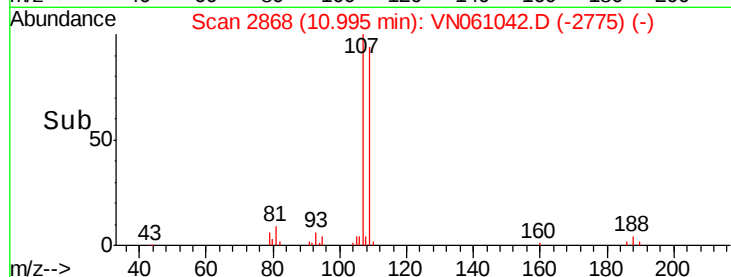
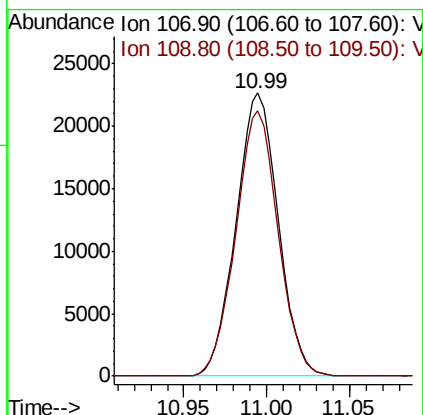
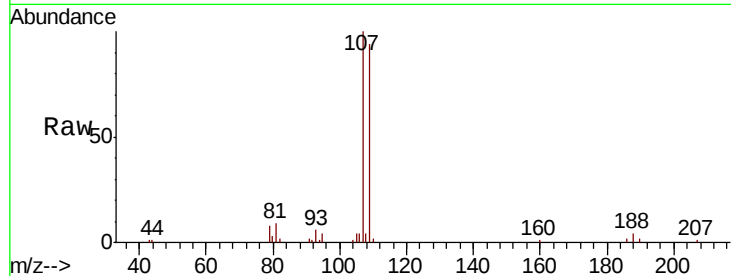




#61
 1,2-Dibromoethane
 Concen: 19.481 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN061042.D
 Acq: 17 Apr 2020 11:57

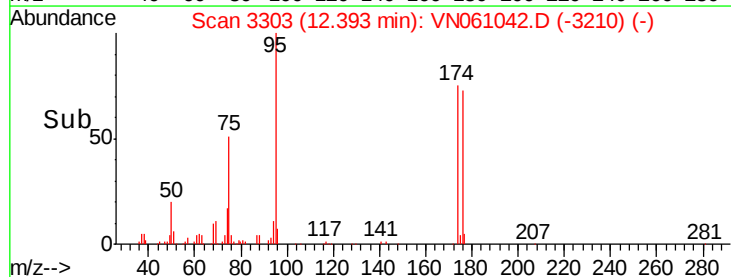
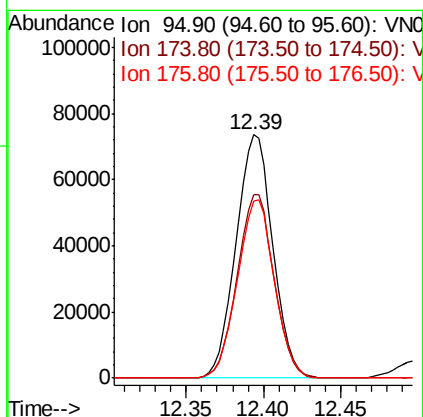
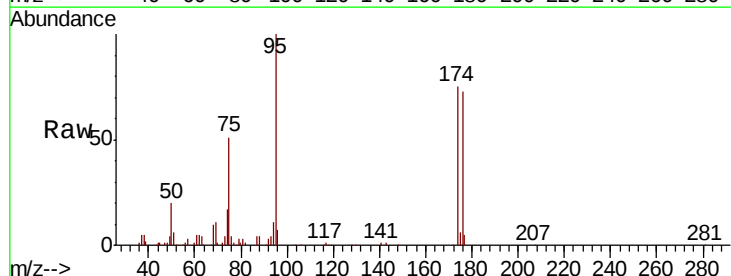
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBS01

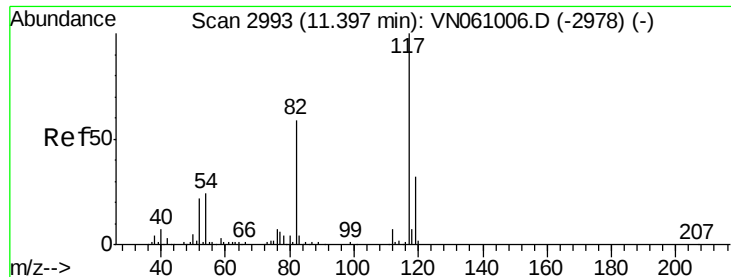
Tot Ion:107 Resp: 40068
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 48.403 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. 0.00 min
 Lab File: VN061042.D
 Acq: 17 Apr 2020 11:57

Tgt Ion: 95 Resp: 121583
 Ion Ratio Lower Upper
 95 100
 174 75.6 0.0 151.2
 176 73.6 0.0 148.2

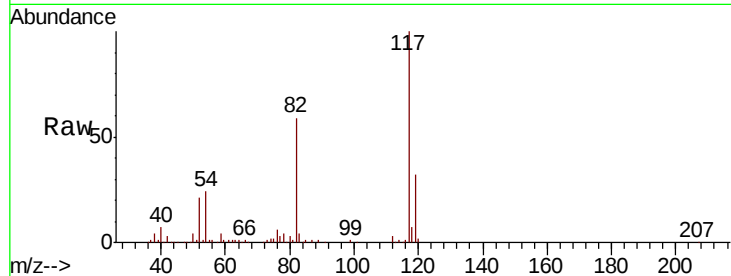




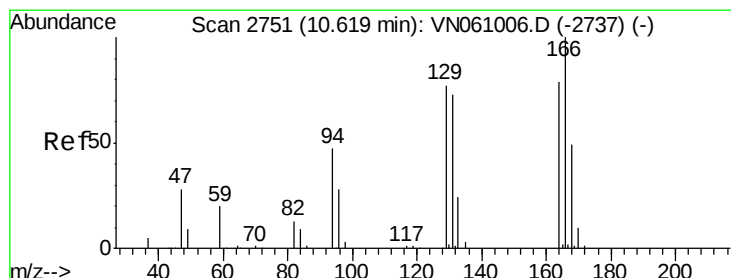
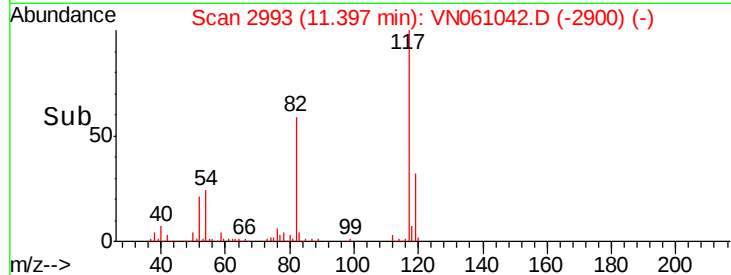
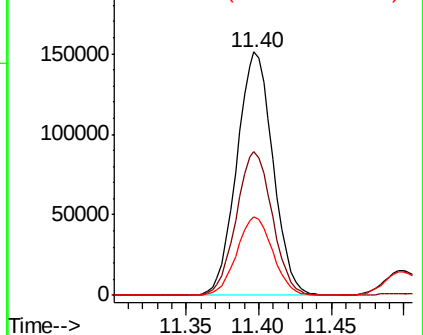
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN061042.D
Acq: 17 Apr 2020 11:57

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01

Tot Ion:117 Resp: 262060
Ion Ratio Lower Upper
117 100
82 58.8 47.1 70.7
119 32.0 25.7 38.5

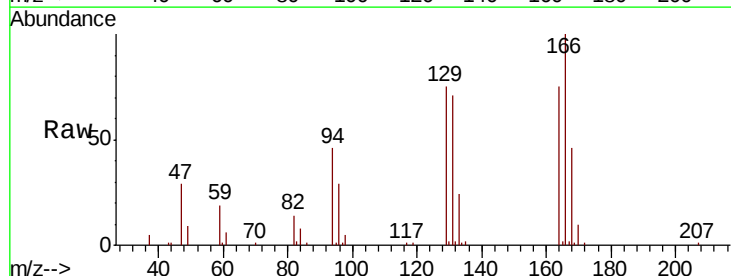


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

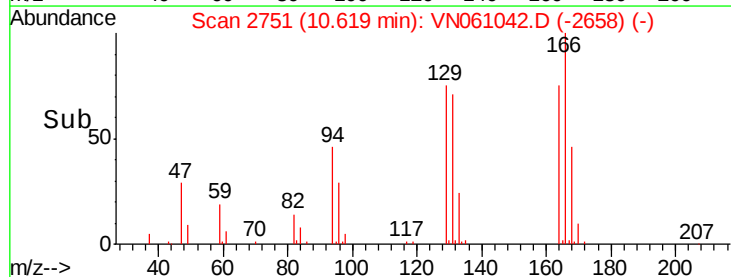
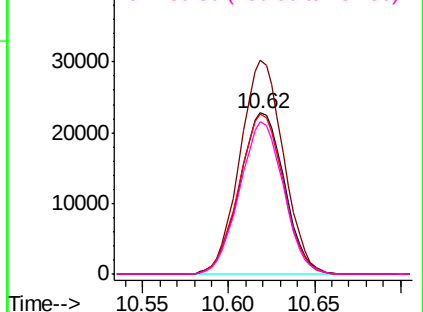


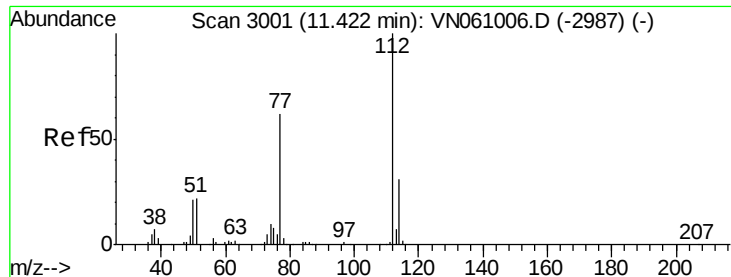
#64
Tetrachloroethene
Concen: 20.573 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. 0.00 min
Lab File: VN061042.D
Acq: 17 Apr 2020 11:57

Tgt Ion:164 Resp: 41256
Ion Ratio Lower Upper
164 100
166 132.7 101.6 152.4
129 99.6 78.5 117.7
131 94.5 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

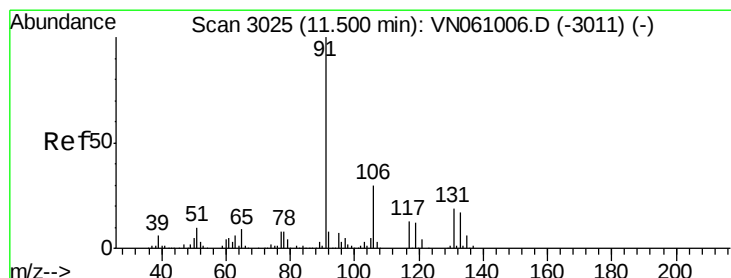
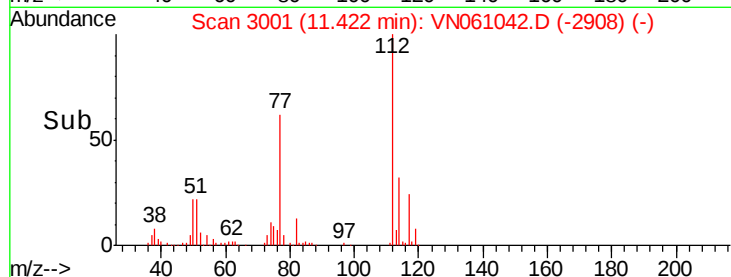
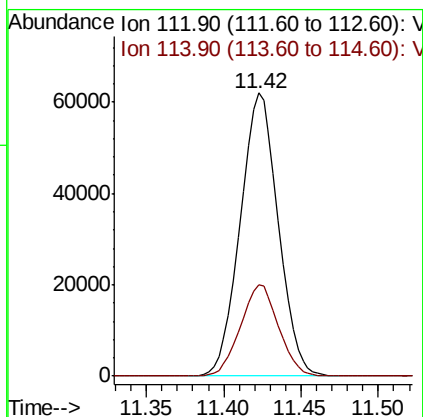
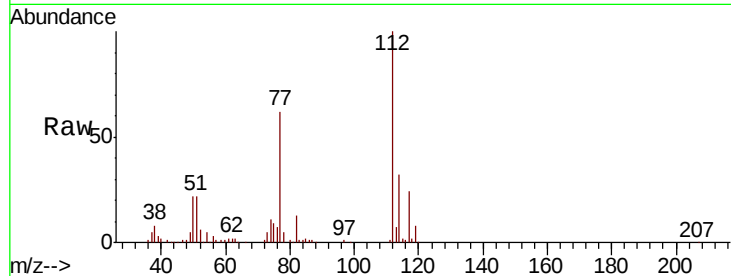




#65
Chlorobenzene
Concen: 19.592 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN061042.D
Acq: 17 Apr 2020 11:57

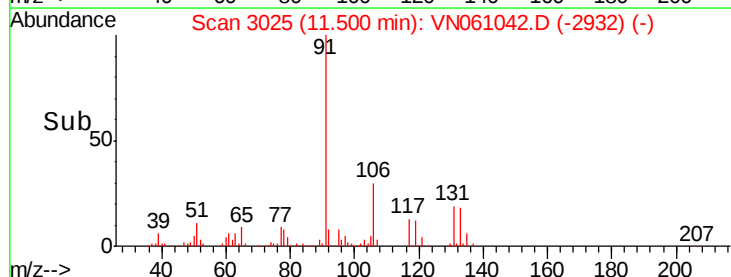
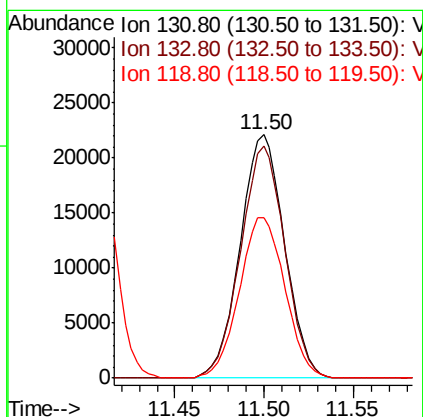
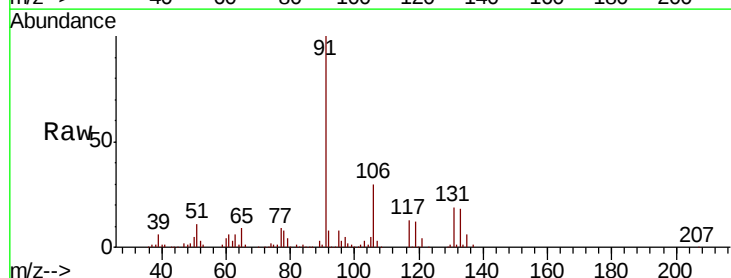
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01

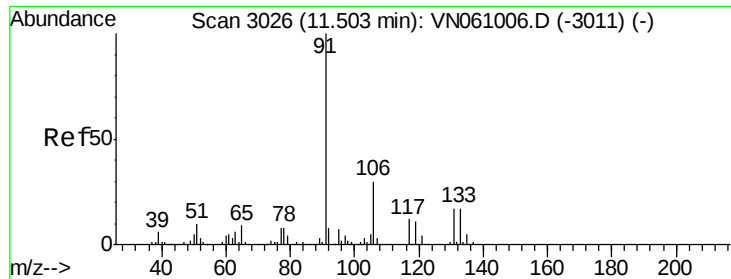
Tot Ion:112 Resp: 105990
Ion Ratio Lower Upper
112 100
114 32.5 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.911 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN061042.D
Acq: 17 Apr 2020 11:57

Tgt Ion:131 Resp: 38538
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.8
119 67.6 33.3 99.8

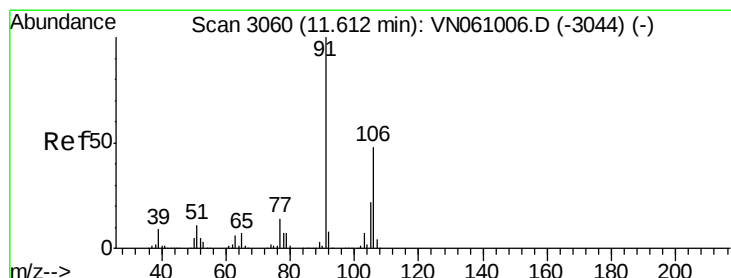
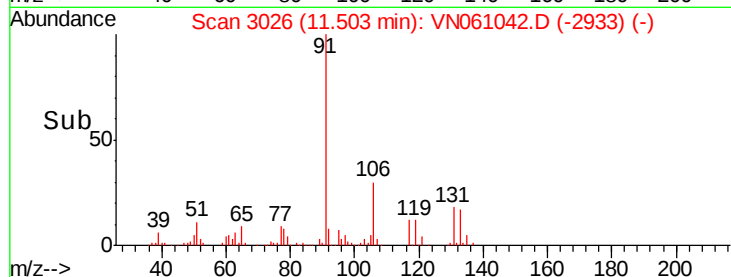
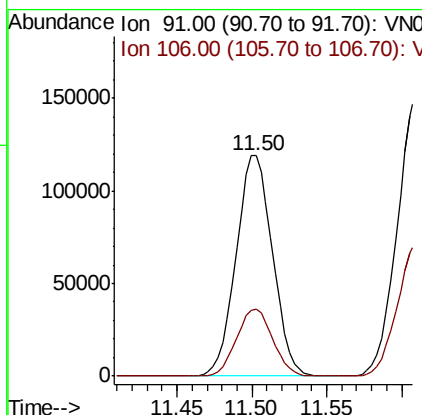
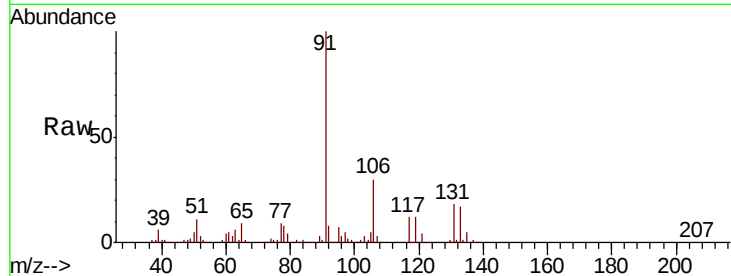




#67
Ethyl Benzene
Concen: 19.762 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN061042.D
Acq: 17 Apr 2020 11:57

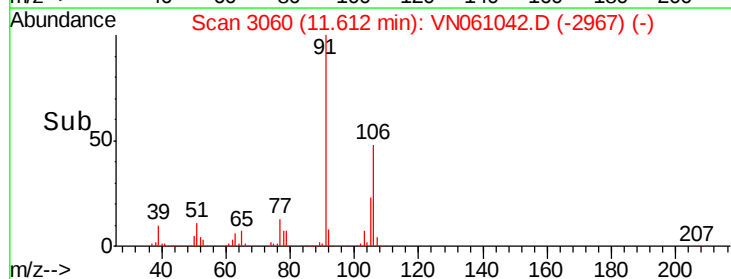
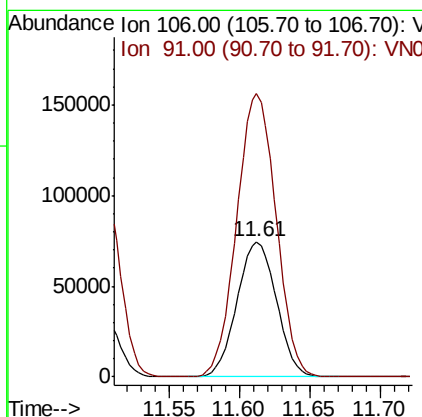
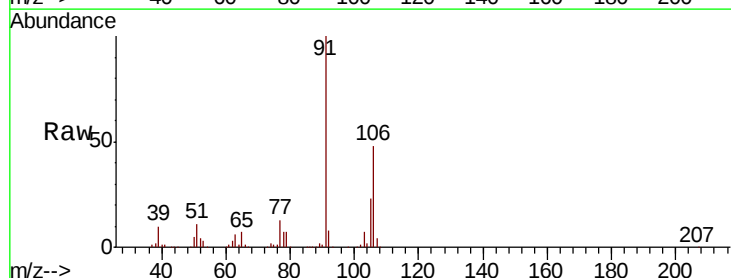
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01

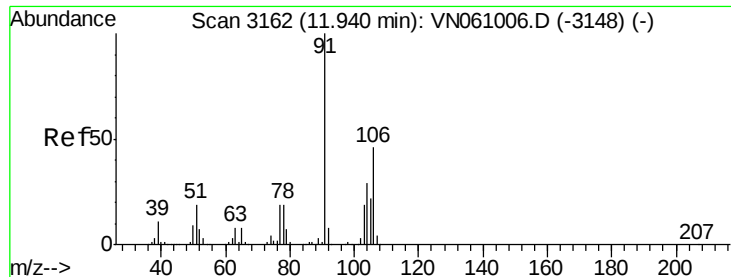
Tot Ion: 91 Resp: 201100
Ion Ratio Lower Upper
91 100
106 30.4 23.8 35.8



#68
m/p-Xylenes
Concen: 39.630 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. 0.00 min
Lab File: VN061042.D
Acq: 17 Apr 2020 11:57

Tgt Ion: 106 Resp: 145746
Ion Ratio Lower Upper
106 100
91 209.7 167.9 251.9

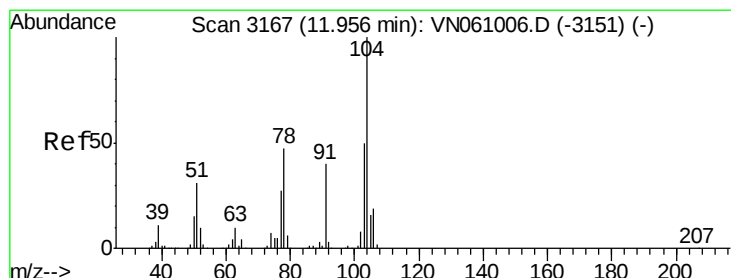
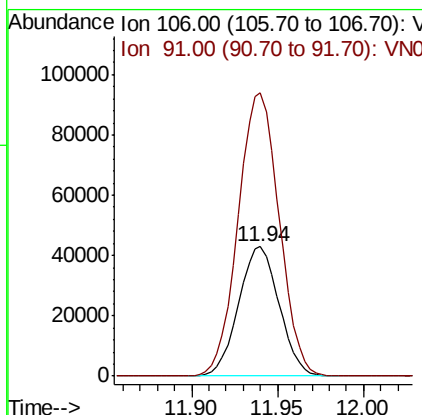
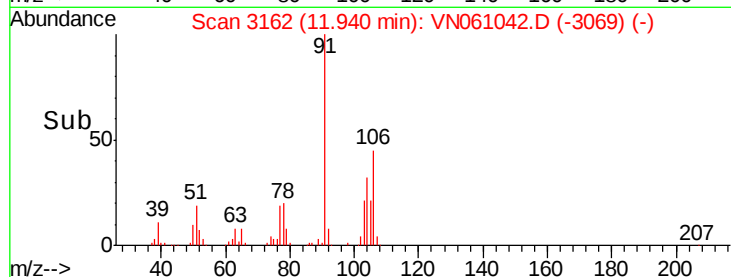
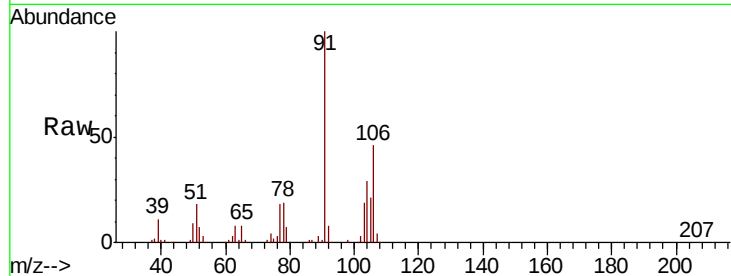




#69
o-Xylene
Concen: 19.918 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN061042.D
Acq: 17 Apr 2020 11:57

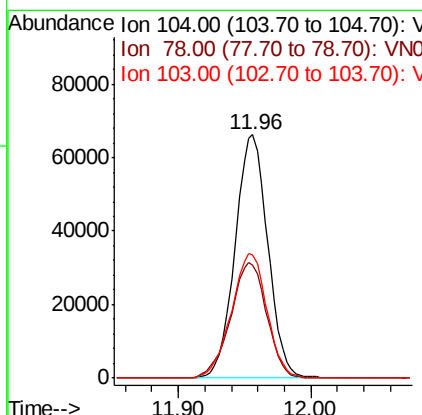
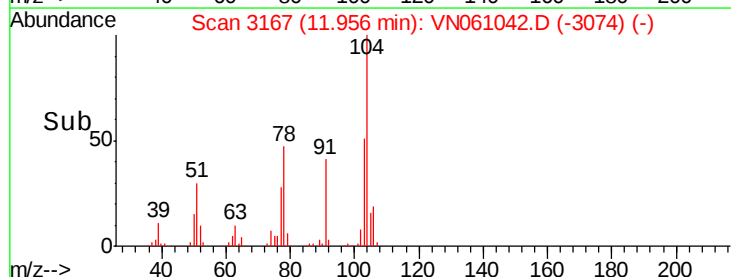
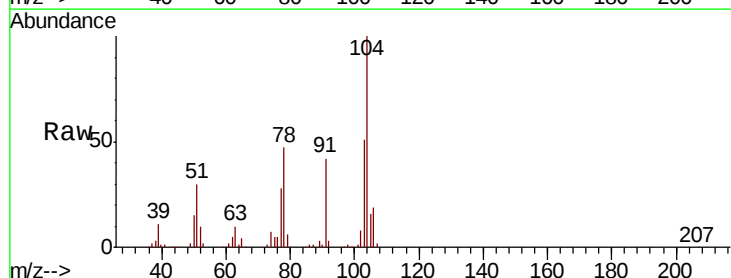
Instrument :
MSVOA_N
ClientSampled :
VN0417WBS01

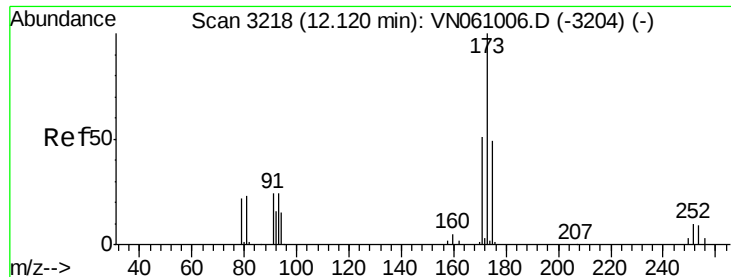
Tot Ion:106 Resp: 70431
Ion Ratio Lower Upper
106 100
91 221.7 110.7 332.1



#70
Styrene
Concen: 19.913 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN061042.D
Acq: 17 Apr 2020 11:57

Tgt Ion:104 Resp: 113356
Ion Ratio Lower Upper
104 100
78 52.4 42.2 63.4
103 55.6 44.4 66.6

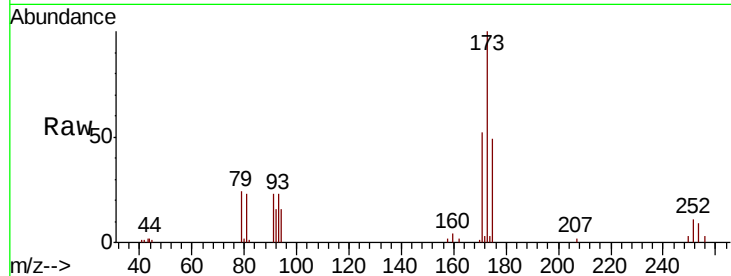




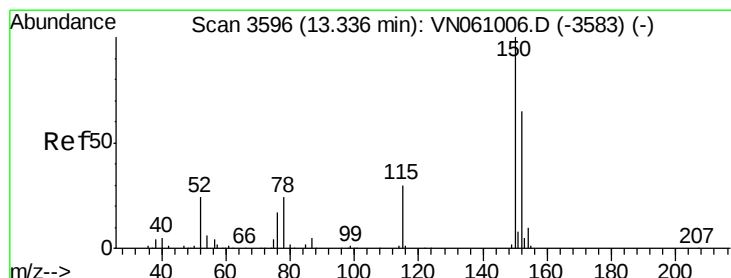
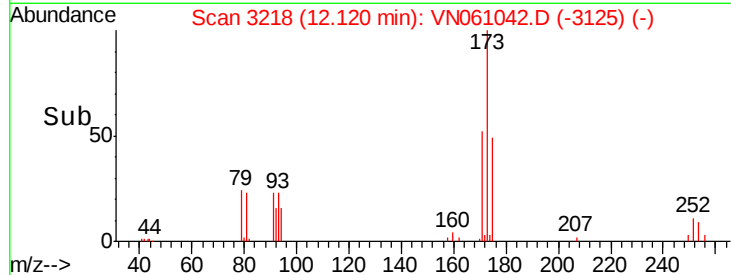
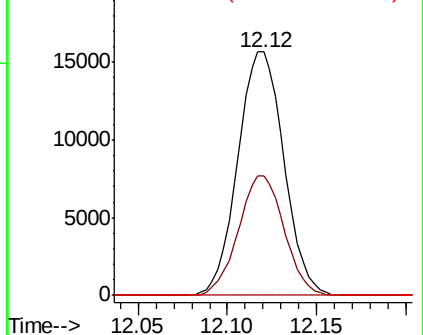
#71
Bromoform
Concen: 19.498 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061042.D
Acq: 17 Apr 2020 11:57

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01

Tot Ion:173 Resp: 28169
Ion Ratio Lower Upper
173 100
175 48.6 24.5 73.5
254 0.0 0.0 0.0

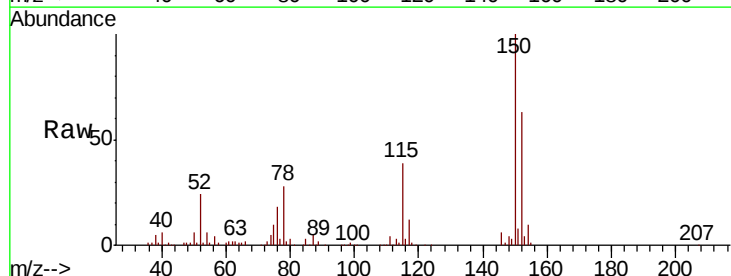


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

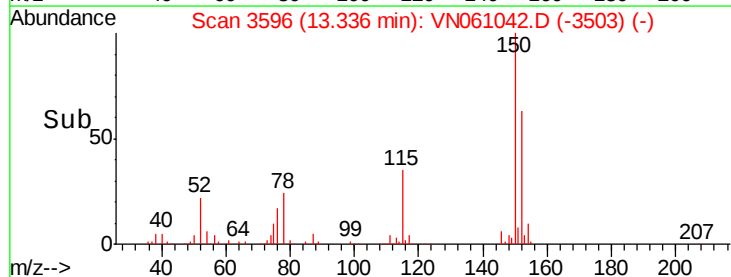
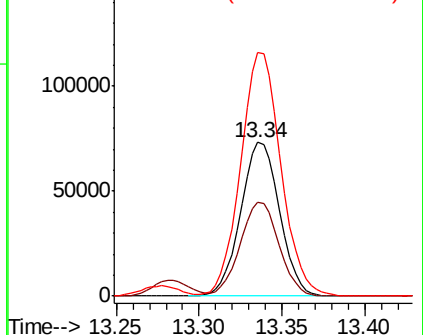


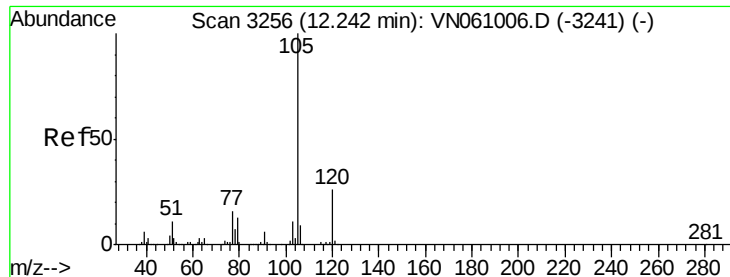
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3596
Delta R.T. 0.00 min
Lab File: VN061042.D
Acq: 17 Apr 2020 11:57

Tgt Ion:152 Resp: 119439
Ion Ratio Lower Upper
152 100
115 61.2 30.8 92.4
150 163.9 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: 19.873 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN061042.D

Acq: 17 Apr 2020 11:57

Instrument :

MSVOA_N

ClientSampled :

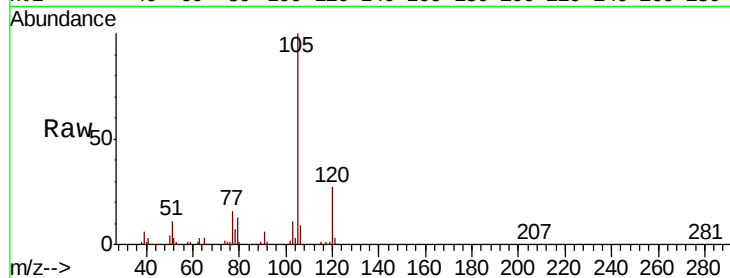
VN0417WBS01

Tot Ion:105 Resp: 190164

Ion Ratio Lower Upper

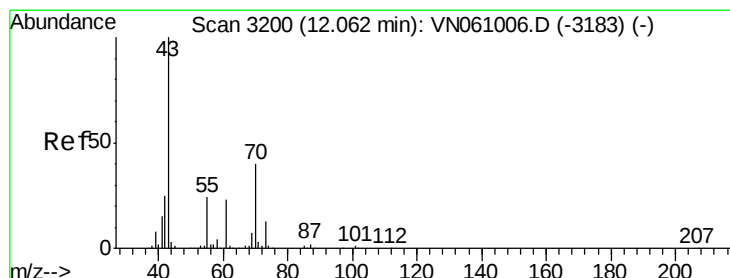
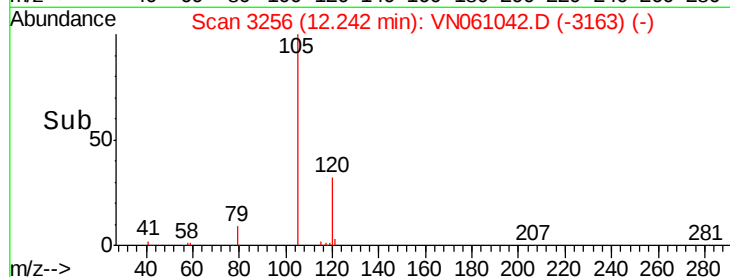
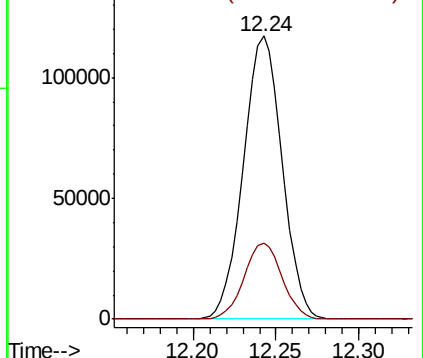
105 100

120 26.4 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: 18.484 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN061042.D

Acq: 17 Apr 2020 11:57

Tgt Ion: 43 Resp: 82251

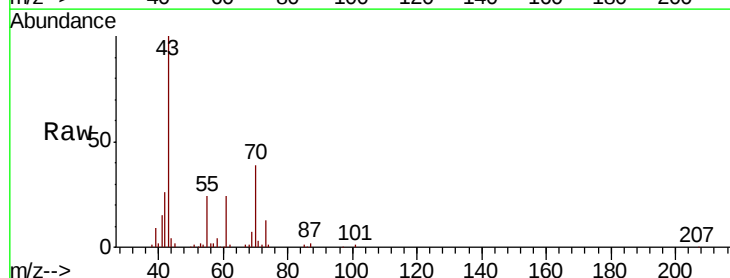
Ion Ratio Lower Upper

43 100

70 38.0 31.0 46.6

55 23.6 18.6 27.8

61 22.9 18.2 27.4

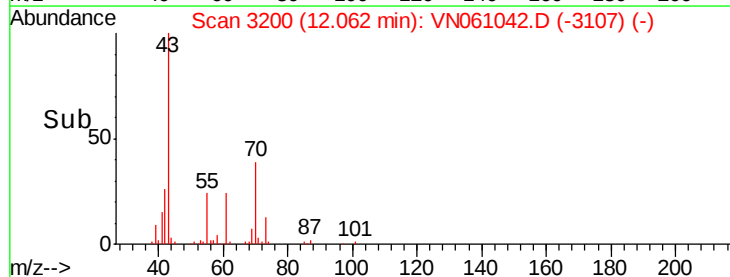
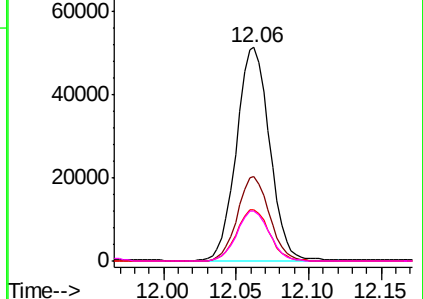


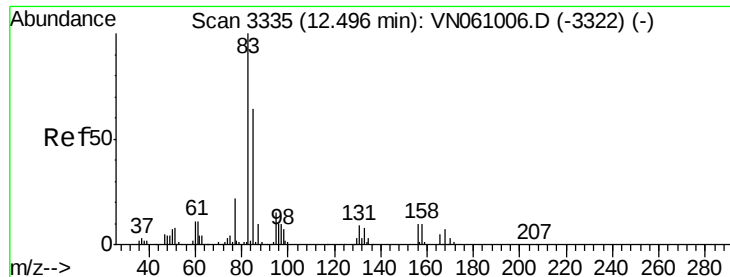
Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 19.038 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. -0.00 min

Lab File: VN061042.D

Acq: 17 Apr 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBS01

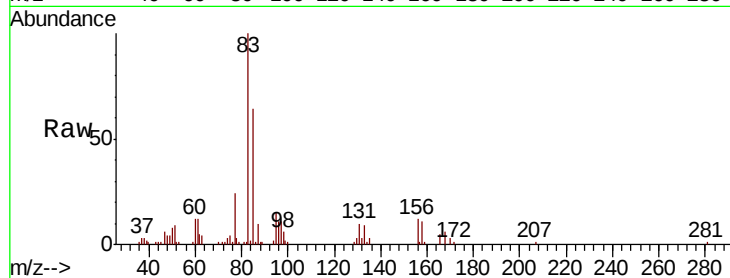
Tot Ion: 83 Resp: 55609

Ion Ratio Lower Upper

83 100

131 9.8 4.8 14.3

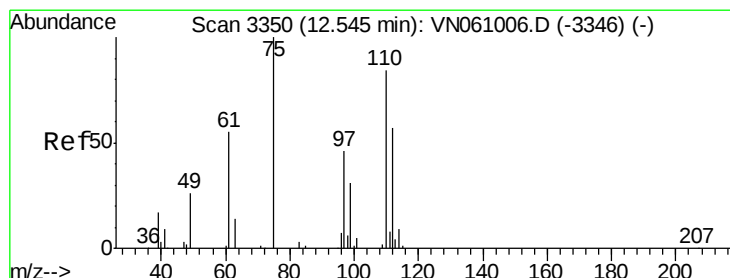
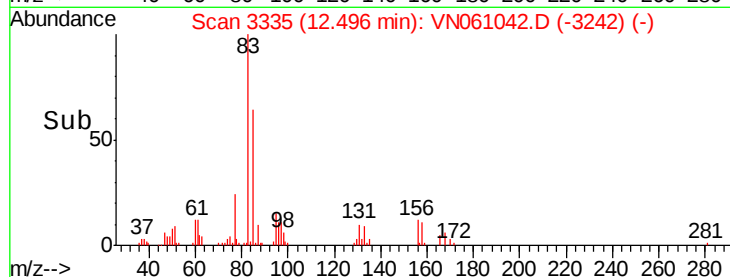
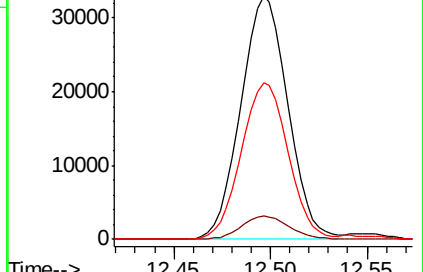
85 64.6 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN061042.D (-3242) (-)

Ion 130.80 (130.50 to 131.50): VN061042.D (-3242) (-)

Ion 84.90 (84.60 to 85.60): VN061042.D (-3242) (-)



#76

1,2,3-Trichloropropane

Concen: 28.936 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN061042.D

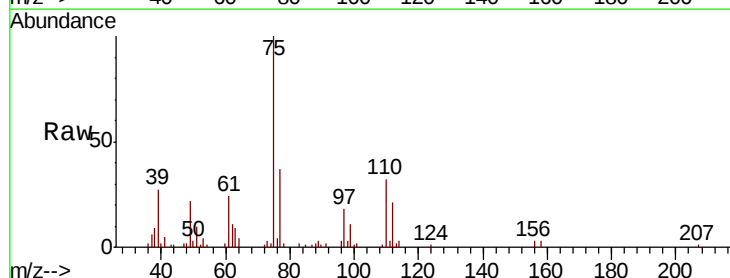
Acq: 17 Apr 2020 11:57

Tgt Ion: 75 Resp: 76020

Ion Ratio Lower Upper

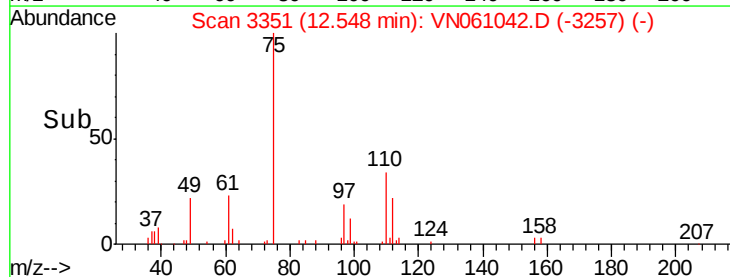
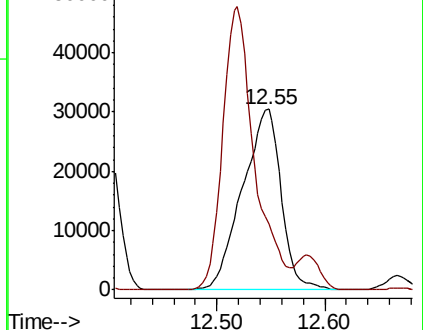
75 100

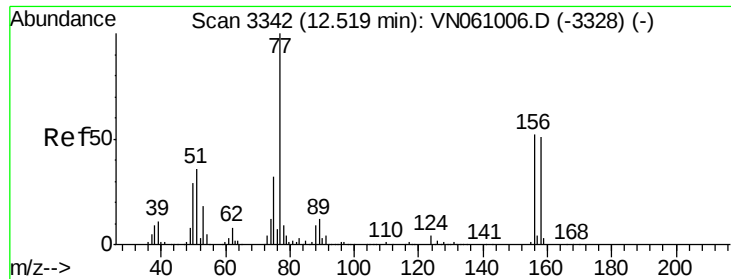
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061042.D (-3257) (-)

Ion 77.00 (76.70 to 77.70): VN061042.D (-3257) (-)





#77

Bromobenzene

Concen: 19.774 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN061042.D

Acq: 17 Apr 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBS01

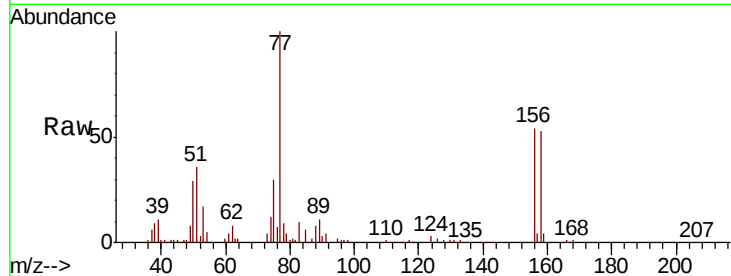
Tot Ion:156 Resp: 44178

Ion Ratio Lower Upper

156 100

77 221.4 115.6 346.8

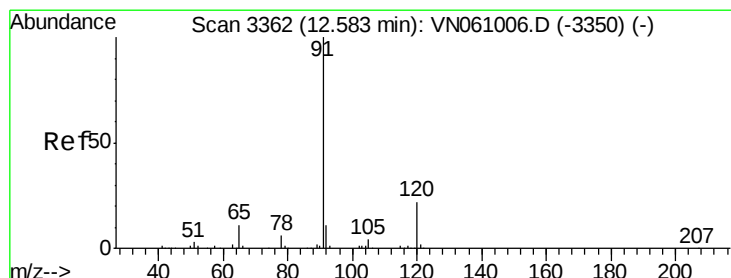
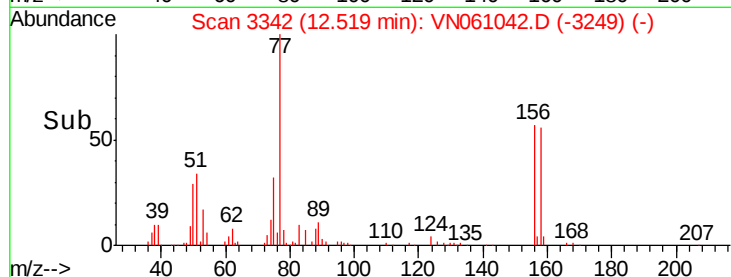
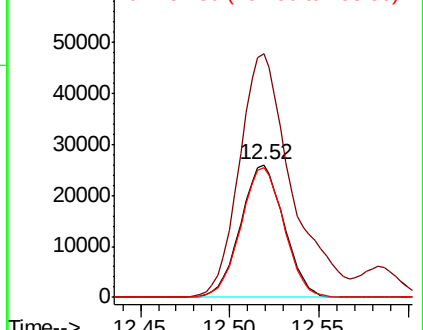
158 97.5 48.9 146.6



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: 20.245 ug/l

RT: 12.58 min Scan# 3362

Delta R.T. -0.00 min

Lab File: VN061042.D

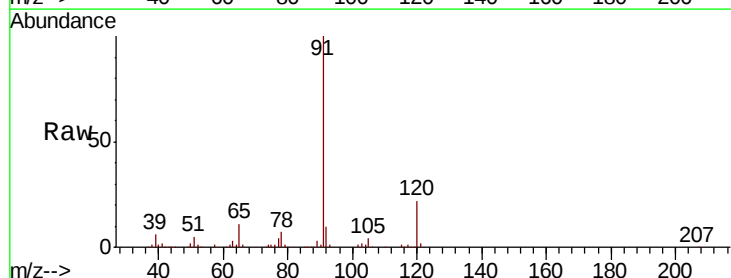
Acq: 17 Apr 2020 11:57

Tgt Ion: 91 Resp: 226649

Ion Ratio Lower Upper

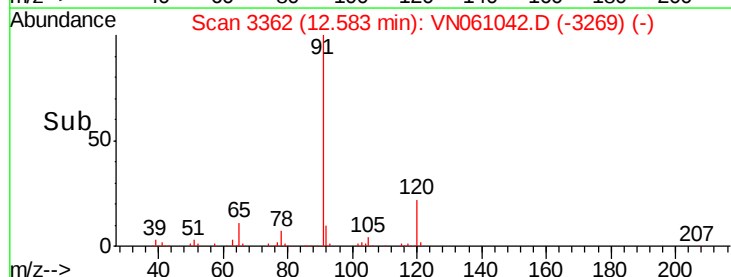
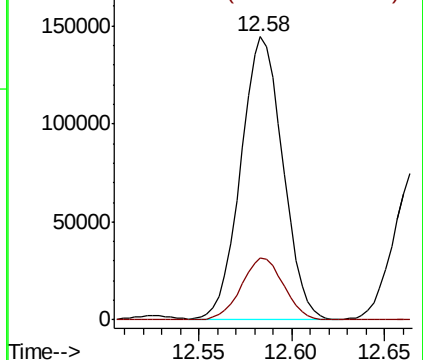
91 100

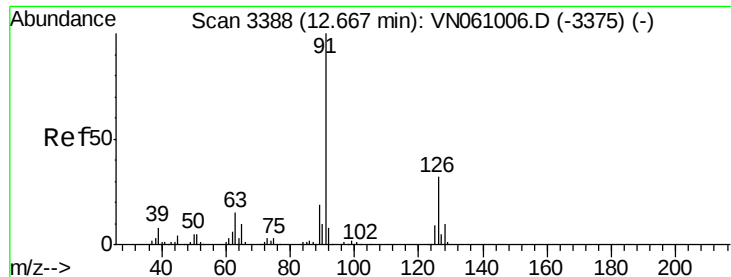
120 22.1 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

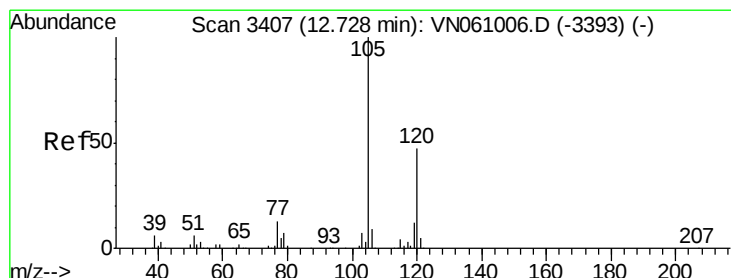
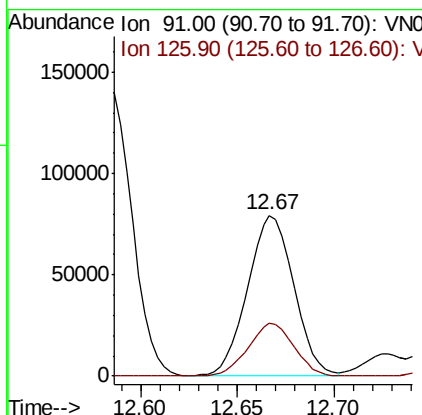
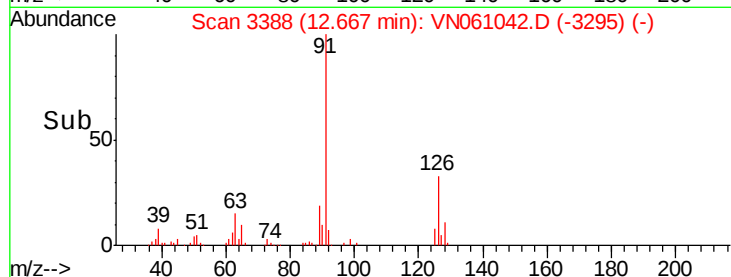
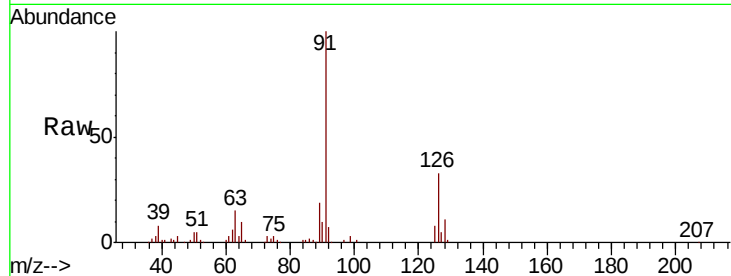




#79
 2-Chlorotoluene
 Concen: 20.032 ug/l
 RT: 12.67 min Scan# 3388
 Delta R.T. 0.00 min
 Lab File: VN061042.D
 Acq: 17 Apr 2020 11:57

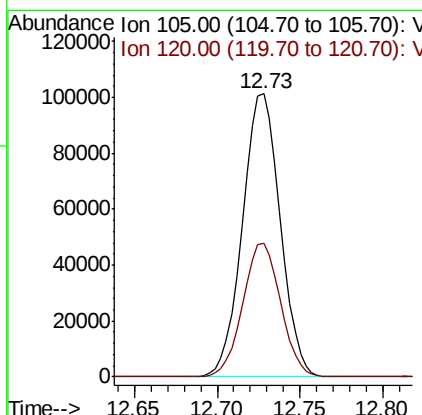
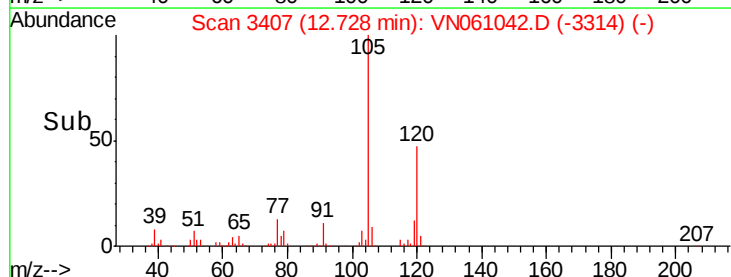
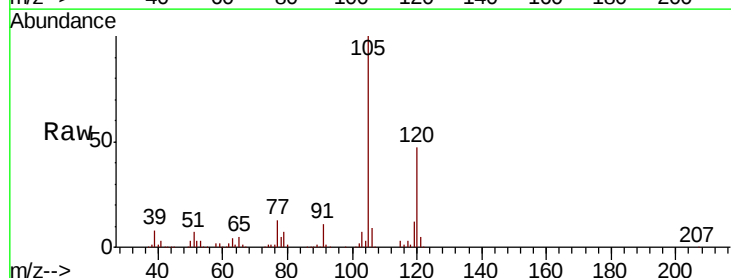
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBS01

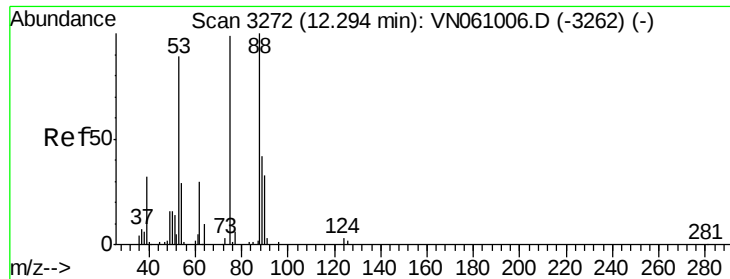
Tot Ion: 91 Resp: 131531
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.1 48.2



#80
 1,3,5-Trimethylbenzene
 Concen: 20.246 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: VN061042.D
 Acq: 17 Apr 2020 11:57

Tgt Ion: 105 Resp: 160132
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.6 70.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.992 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN061042.D

Acq: 17 Apr 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBS01

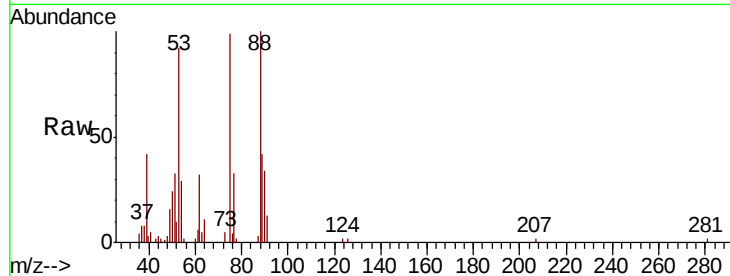
Tot Ion: 75 Resp: 19163

Ion Ratio Lower Upper

75 100

53 91.9 74.7 112.1

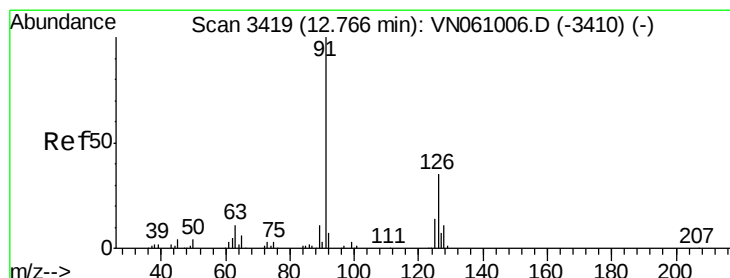
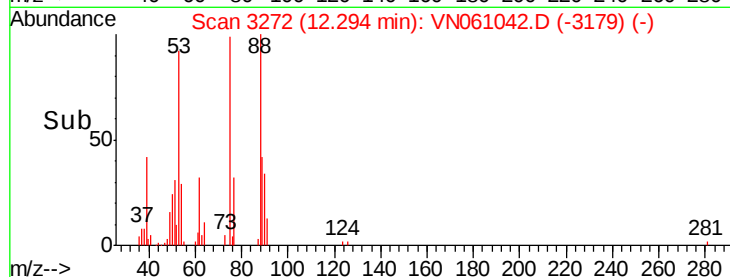
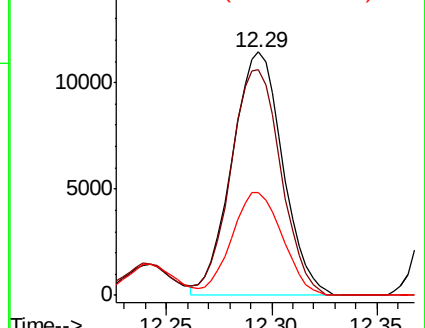
89 42.3 34.6 52.0



Abundance Ion 74.90 (74.60 to 75.60): VN061006.D (-3262) (-)

Ion 53.00 (52.70 to 53.70): VN061006.D (-3262) (-)

Ion 88.90 (88.60 to 89.60): VN061006.D (-3262) (-)



#82

4-Chlorotoluene

Concen: 19.937 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN061042.D

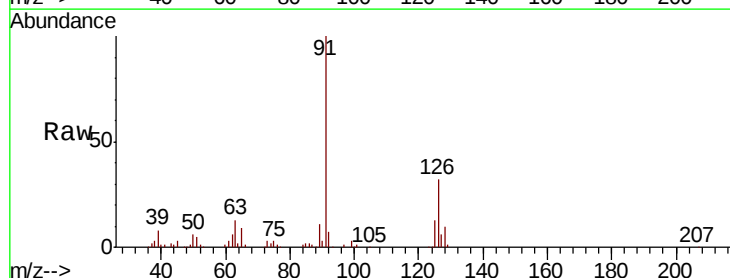
Acq: 17 Apr 2020 11:57

Tgt Ion: 91 Resp: 135772

Ion Ratio Lower Upper

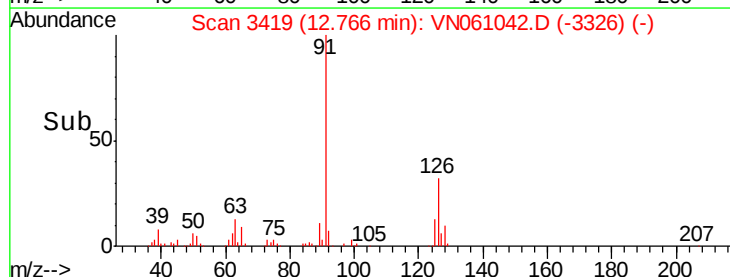
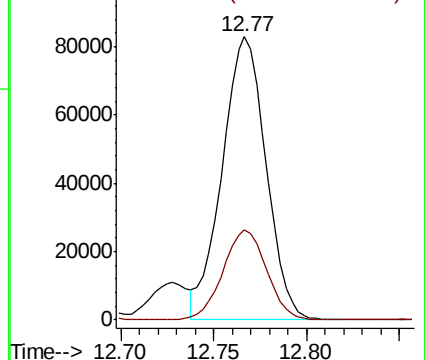
91 100

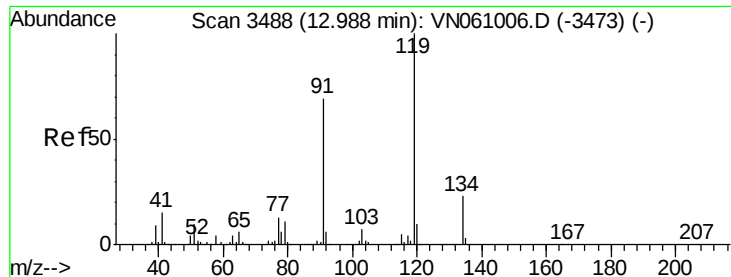
126 31.7 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VN061006.D (-3410) (-)

Ion 125.90 (125.60 to 126.60): VN061006.D (-3410) (-)

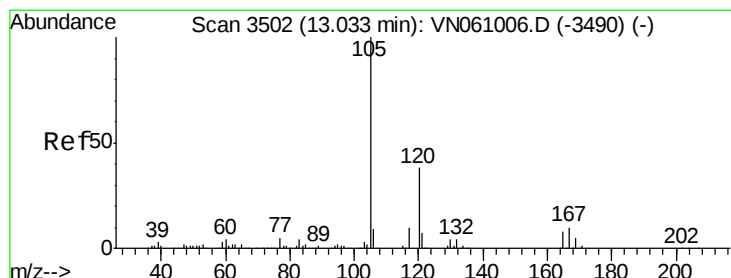
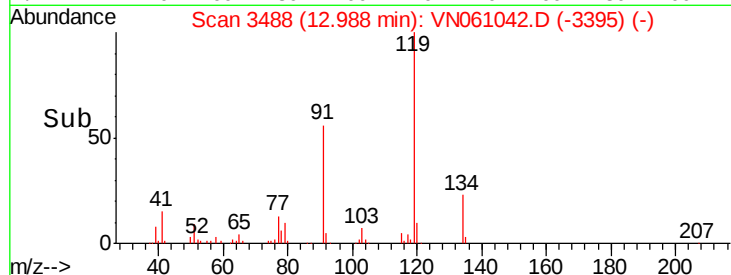
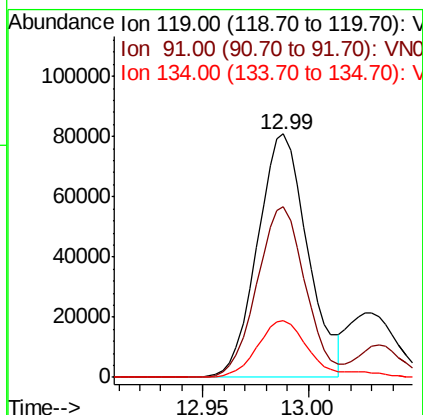
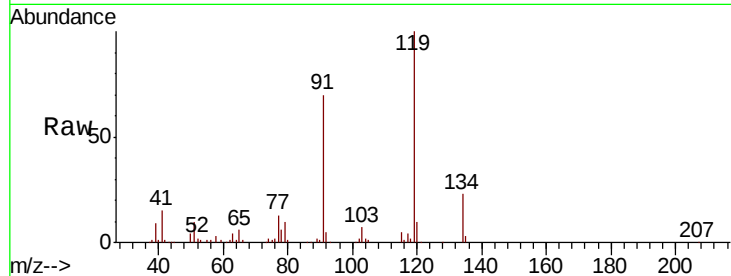




#83
tert-Butylbenzene
Concen: 20.086 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. 0.00 min
Lab File: VN061042.D
Acq: 17 Apr 2020 11:57

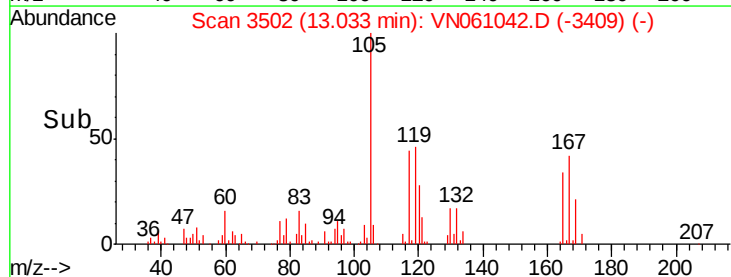
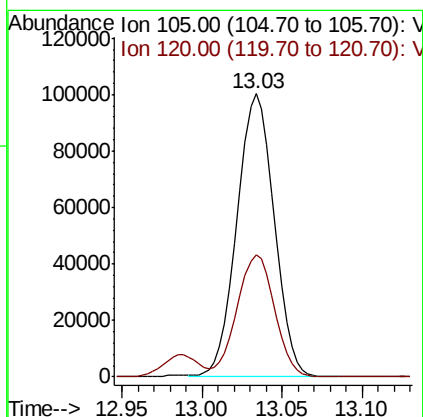
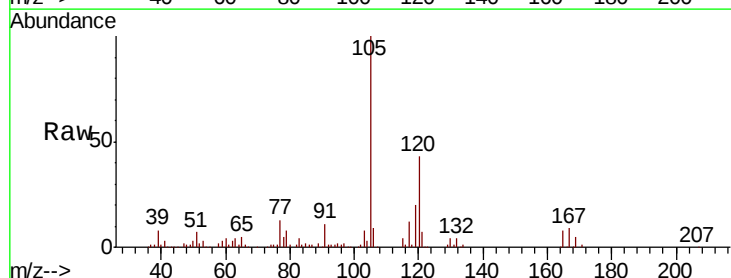
Instrument :
MSVOA_N
ClientSampled :
VN0417WBS01

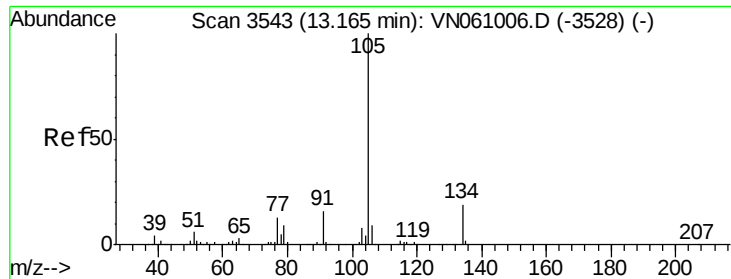
Tot Ion:119 Resp: 133604
Ion Ratio Lower Upper
119 100
91 68.1 34.1 102.3
134 24.8 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 20.388 ug/l
RT: 13.03 min Scan# 3502
Delta R.T. 0.00 min
Lab File: VN061042.D
Acq: 17 Apr 2020 11:57

Tgt Ion:105 Resp: 159397
Ion Ratio Lower Upper
105 100
120 43.5 22.1 66.5





#85

sec-Butylbenzene

Concen: 19.977 ug/l

RT: 13.17 min Scan# 3543

Delta R.T. -0.00 min

Lab File: VN061042.D

Acq: 17 Apr 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

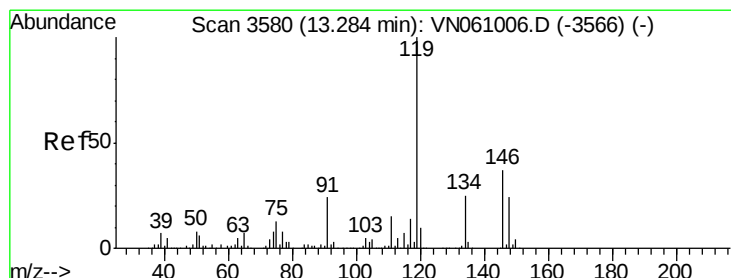
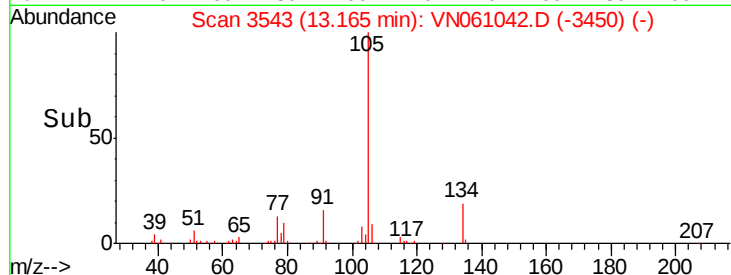
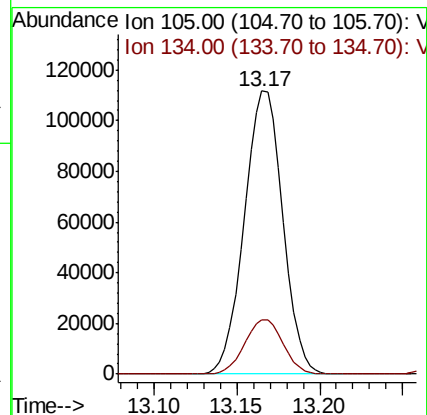
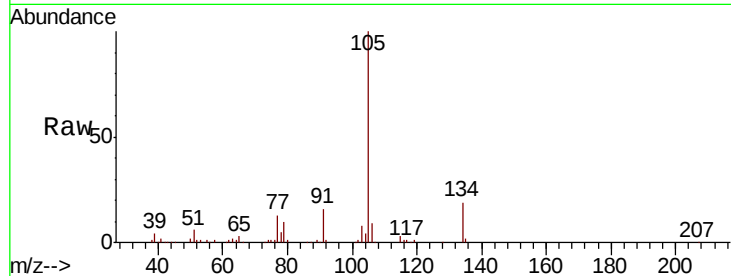
VN0417WBS01

Tot Ion:105 Resp: 180041

Ion Ratio Lower Upper

105 100

134 19.3 9.5 28.5



#86

p-Isopropyltoluene

Concen: 20.121 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN061042.D

Acq: 17 Apr 2020 11:57

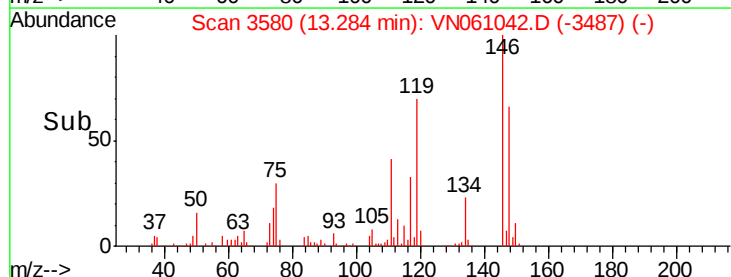
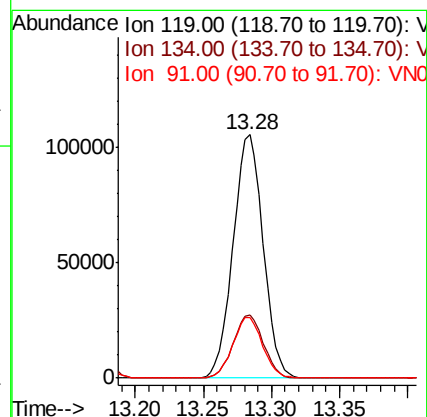
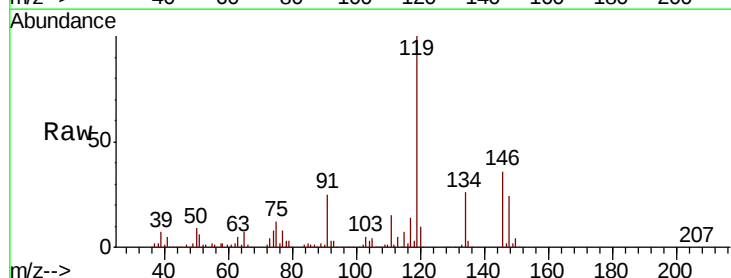
Tgt Ion:119 Resp: 161482

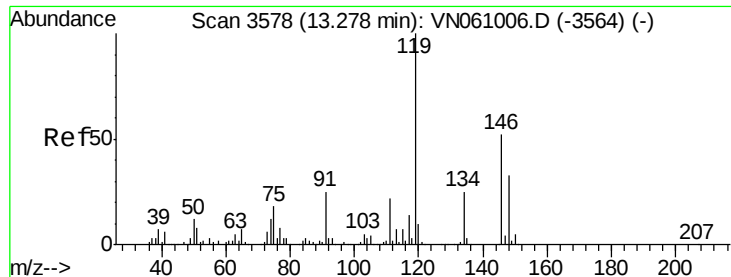
Ion Ratio Lower Upper

119 100

134 26.0 12.8 38.4

91 24.7 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 19.674 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. -0.00 min

Lab File: VN061042.D

Acq: 17 Apr 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBS01

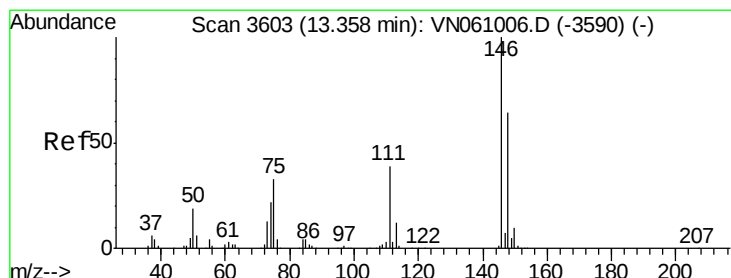
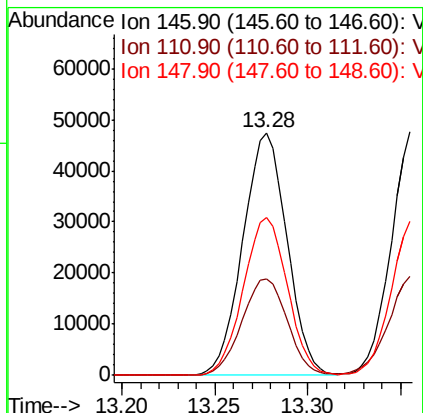
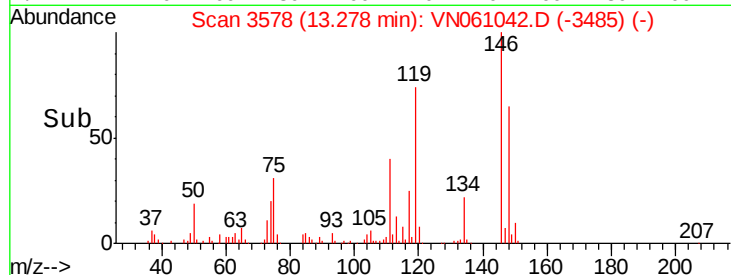
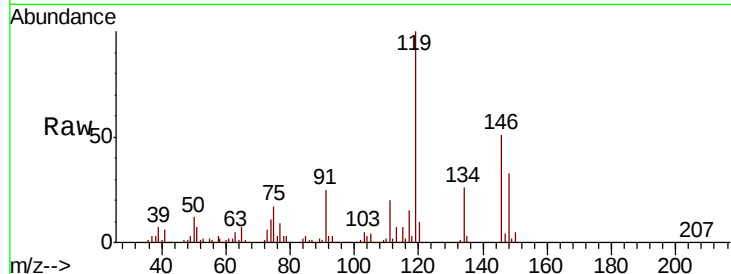
Tot Ion:146 Resp: 78334

Ion Ratio Lower Upper

146 100

111 41.0 20.6 61.8

148 65.0 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 19.541 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN061042.D

Acq: 17 Apr 2020 11:57

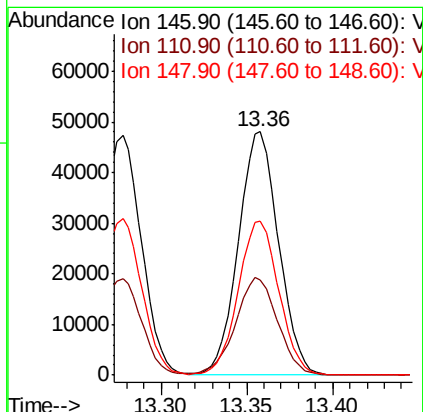
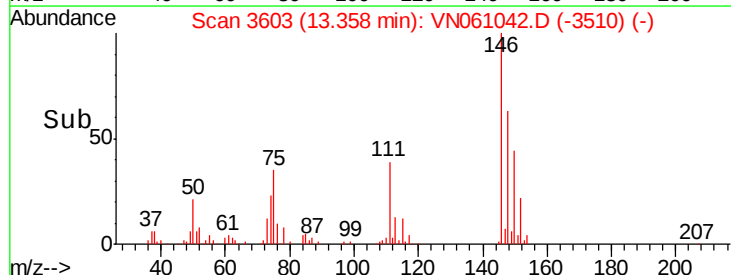
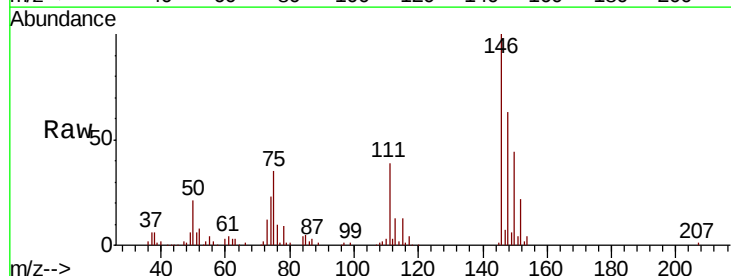
Tgt Ion:146 Resp: 78273

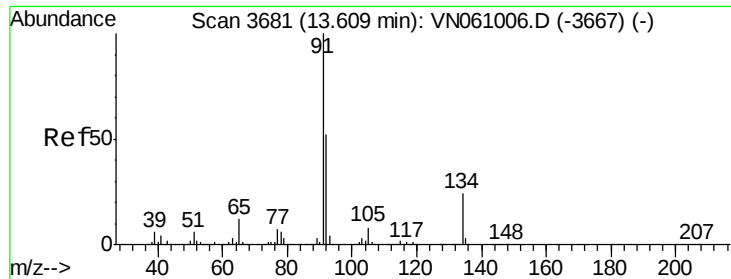
Ion Ratio Lower Upper

146 100

111 41.9 20.1 60.3

148 63.9 32.1 96.3

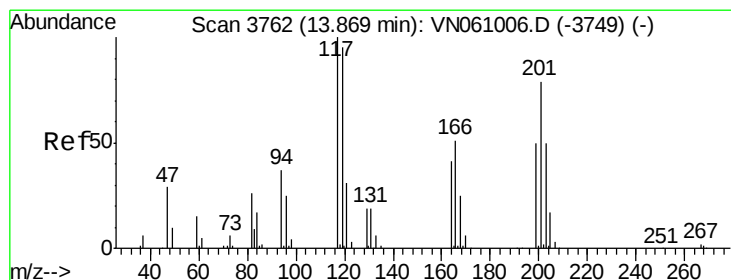
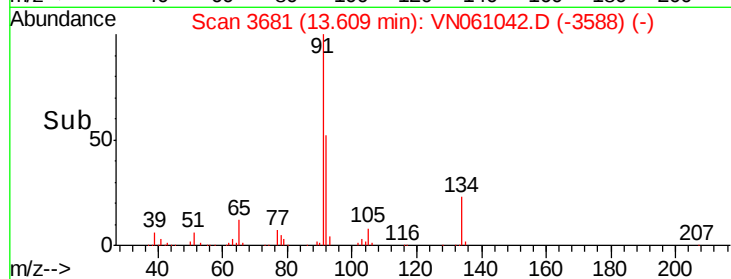
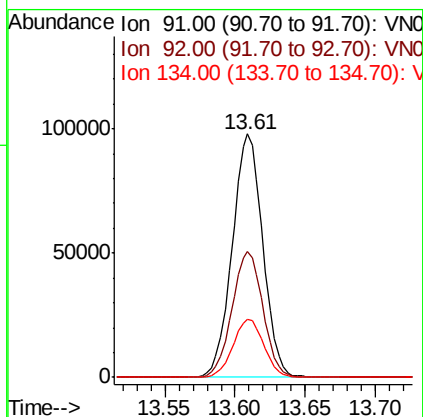
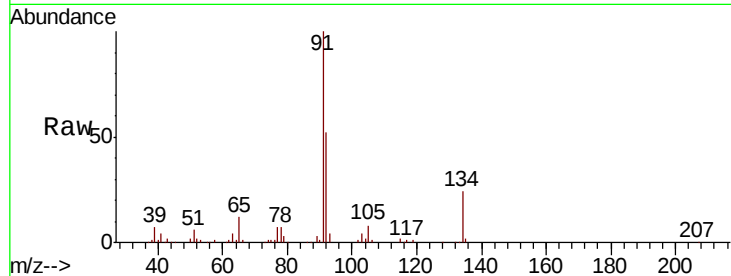




#89
n-Butylbenzene
Concen: 19.853 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. 0.00 min
Lab File: VN061042.D
Acq: 17 Apr 2020 11:57

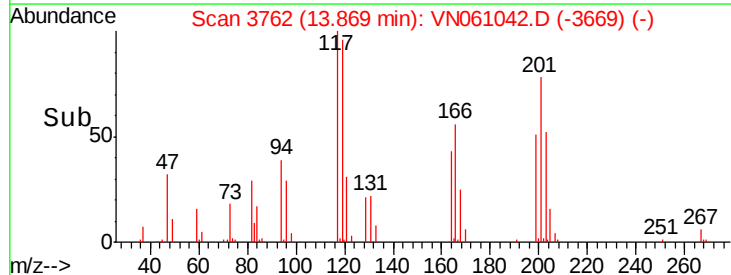
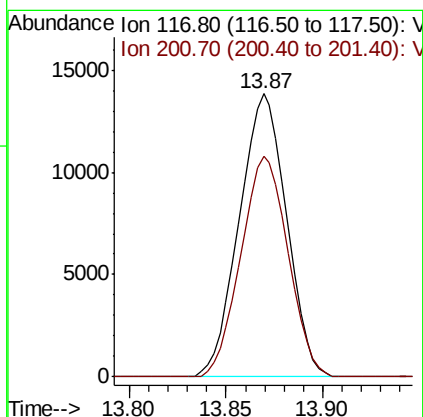
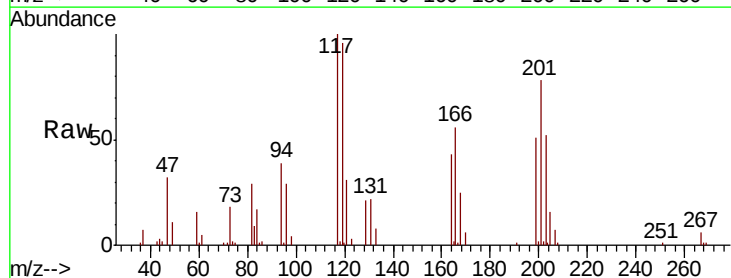
Instrument :
MSVOA_N
ClientSampled :
VN0417WBS01

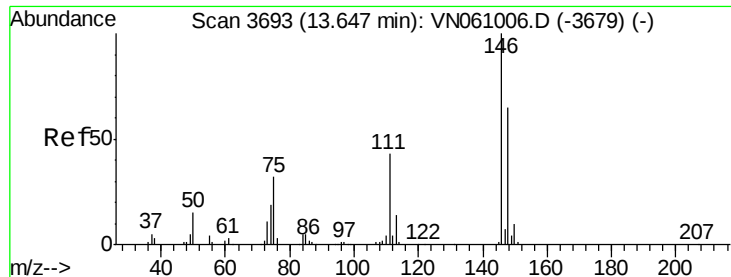
Tot Ion: 91 Resp: 148162
Ion Ratio Lower Upper
91 100
92 52.2 26.1 78.2
134 24.1 12.3 36.8



#90
Hexachloroethane
Concen: 19.065 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN061042.D
Acq: 17 Apr 2020 11:57

Tgt Ion: 117 Resp: 23474
Ion Ratio Lower Upper
117 100
201 77.8 39.3 117.9





#91

1,2-Dichlorobenzene

Concen: 19.822 ug/l

RT: 13.65 min Scan# 3693

Delta R.T. -0.00 min

Lab File: VN061042.D

Acq: 17 Apr 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBS01

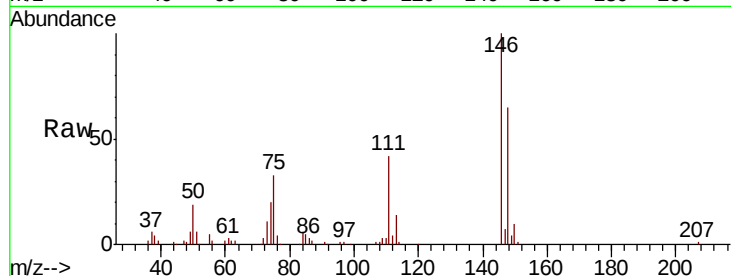
Tot Ion:146 Resp: 75327

Ion Ratio Lower Upper

146 100

111 42.1 21.3 64.0

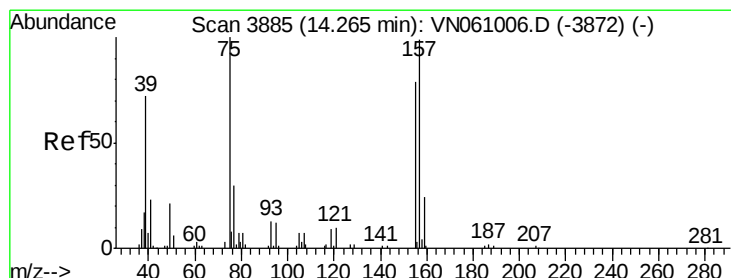
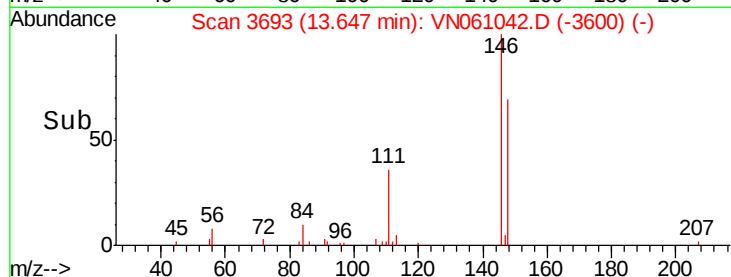
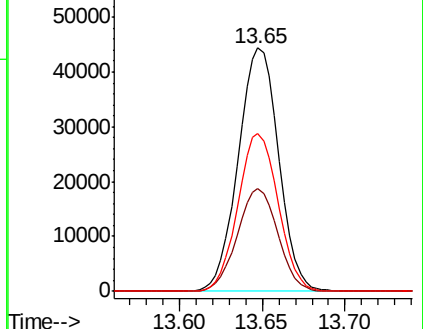
148 64.5 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.256 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. -0.00 min

Lab File: VN061042.D

Acq: 17 Apr 2020 11:57

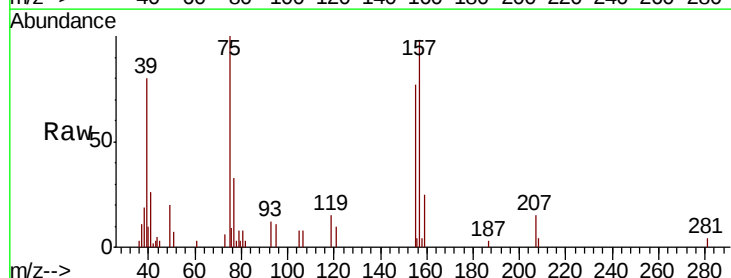
Tgt Ion: 75 Resp: 10320

Ion Ratio Lower Upper

75 100

155 78.0 39.5 118.5

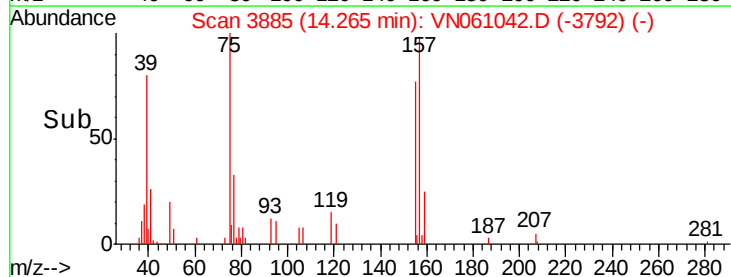
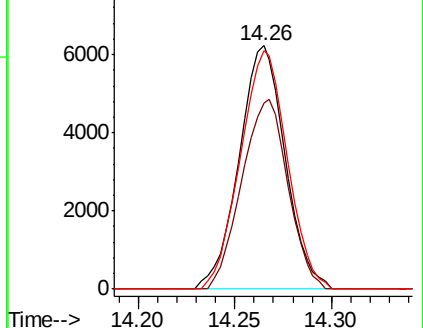
157 99.6 50.1 150.4

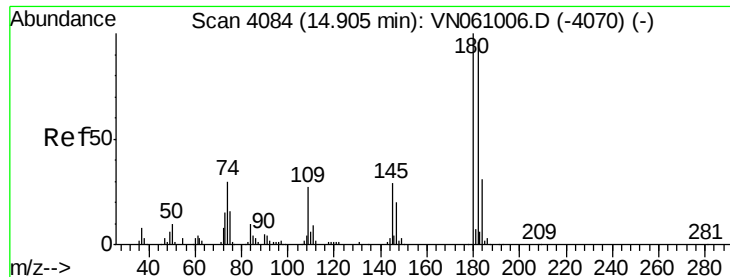


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

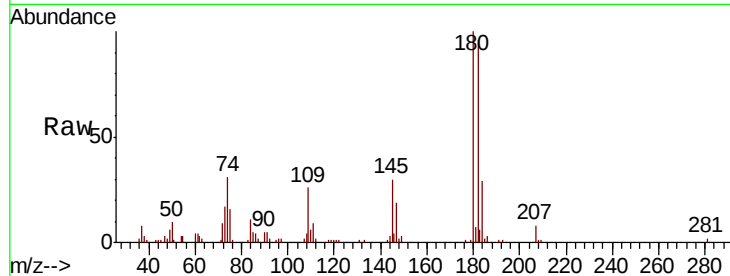




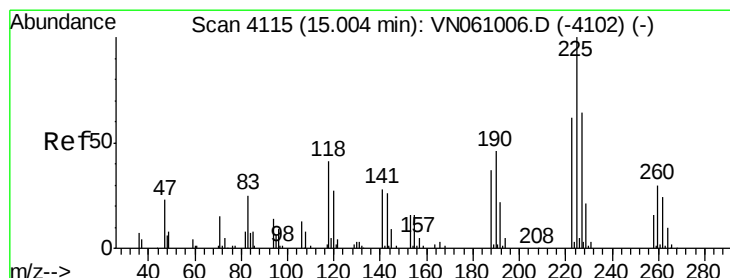
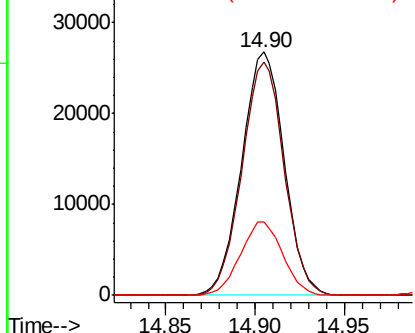
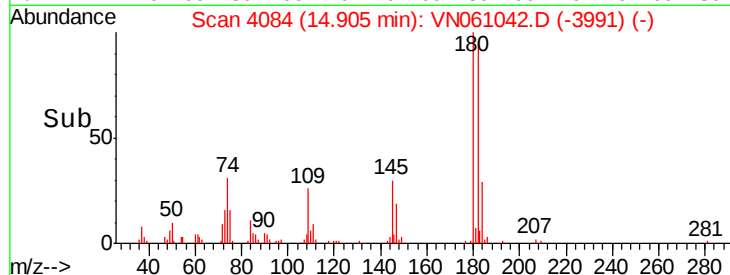
#93
 1,2,4-Trichlorobenzene
 Concen: 19.807 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN061042.D
 Acq: 17 Apr 2020 11:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBS01

Tot Ion:180 Resp: 44551
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.8 143.3
 145 30.1 15.3 45.8

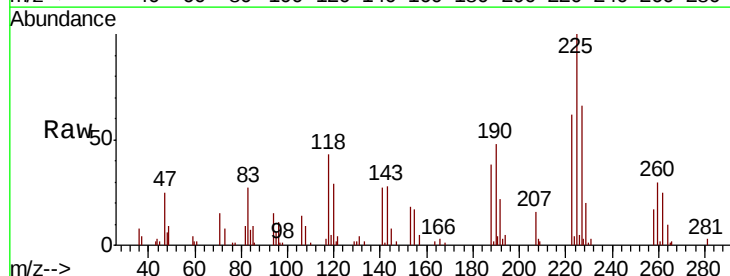


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

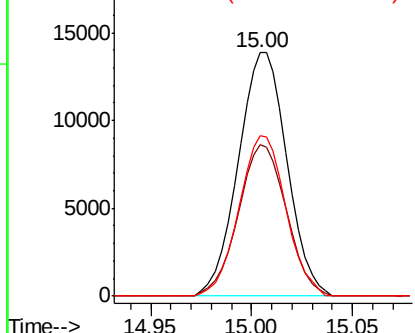
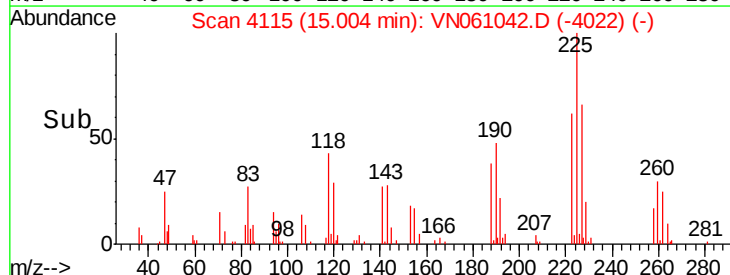


#94
 Hexachlorobutadiene
 Concen: 20.221 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.00 min
 Lab File: VN061042.D
 Acq: 17 Apr 2020 11:57

Tgt Ion:225 Resp: 23397
 Ion Ratio Lower Upper
 225 100
 223 61.4 31.3 93.8
 227 63.3 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

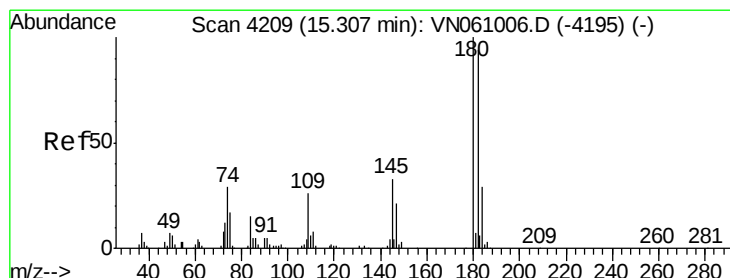
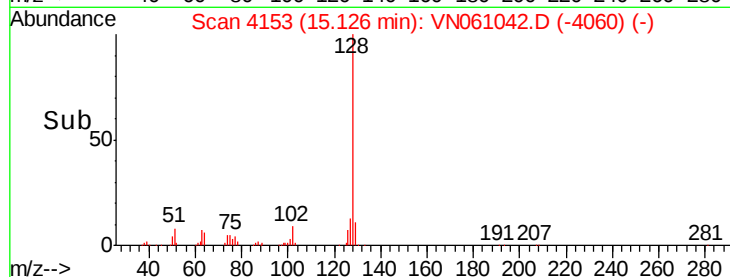
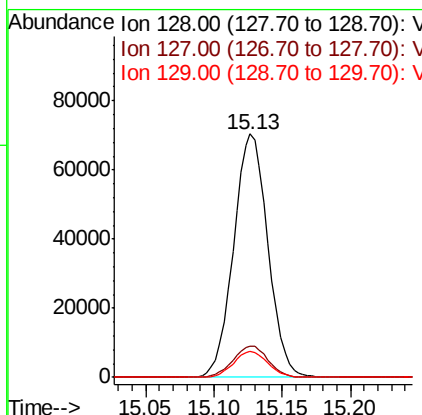
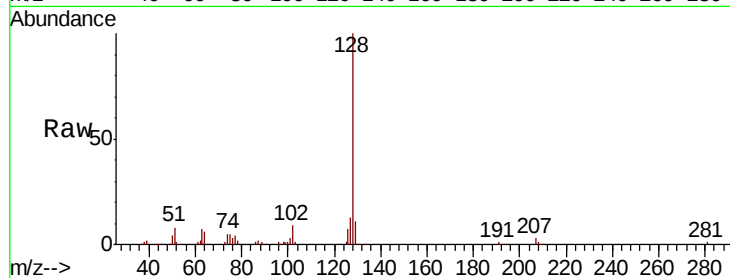




#95
Naphthalene
Concen: 18.683 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN061042.D
Acq: 17 Apr 2020 11:57

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01

Tot Ion:128 Resp: 122554
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.853 ug/l
RT: 15.31 min Scan# 4209
Delta R.T. 0.00 min
Lab File: VN061042.D
Acq: 17 Apr 2020 11:57

Tgt Ion:180 Resp: 43033
Ion Ratio Lower Upper
180 100
182 94.6 47.6 142.8
145 31.7 16.4 49.2

