

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
 Data File : VN061248.D
 Acq On : 2 May 2020 2:43
 Operator : JC/MD
 Sample : VN0501WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0501WBS02

Quant Time: May 04 06:46:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	90554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	165502	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	154712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	69771	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	82769	57.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.54%	
35) Dibromofluoromethane	7.54	113	51641	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
50) Toluene-d8	10.06	98	200822	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
62) 4-Bromofluorobenzene	12.37	95	72880	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	15375	16.011	ug/l	96
3) Chloromethane	2.03	50	27633	23.760	ug/l	99
4) Vinyl Chloride	2.16	62	26110	19.766	ug/l	99
5) Bromomethane	2.54	94	12873	19.715	ug/l	96
6) Chloroethane	2.67	64	17302	20.665	ug/l	98
7) Trichlorofluoromethane	2.98	101	29332	19.682	ug/l	99
8) Diethyl Ether	3.37	74	16322	26.257	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	17253	17.970	ug/l	98
10) Methyl Iodide	3.90	142	24462	19.826	ug/l	98
11) Tert butyl alcohol	4.72	59	19324	100.677	ug/l	95
12) 1,1-Dichloroethene	3.70	96	18147	18.994	ug/l	96
13) Acrolein	3.56	56	9637	75.342	ug/l	96
14) Allyl chloride	4.27	41	43936	24.801	ug/l	95
15) Acrylonitrile	4.92	53	69346	117.694	ug/l	99
16) Acetone	3.77	43	62496	109.677	ug/l	100
17) Carbon Disulfide	4.00	76	50365	19.083	ug/l	99
18) Methyl Acetate	4.27	43	38350	21.594	ug/l	99
19) Methyl tert-butyl Ether	4.98	73	83885	22.977	ug/l	96
20) Methylene Chloride	4.50	84	25699	23.001	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	21694	20.852	ug/l	96
22) Diisopropyl ether	5.89	45	98854	24.064	ug/l	94
23) Vinyl Acetate	5.84	43	385636	116.588	ug/l	99
24) 1,1-Dichloroethane	5.79	63	47233	22.006	ug/l	99
25) 2-Butanone	6.78	43	92556	109.164	ug/l	98
26) 2,2-Dichloropropane	6.77	77	28329	15.670	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	26243	21.495	ug/l	97
28) Bromochloromethane	7.15	49	25096	24.669	ug/l	96
29) Tetrahydrofuran	7.16	42	64266	112.523	ug/l	97
30) Chloroform	7.33	83	46554	21.403	ug/l	96
31) Cyclohexane	7.61	56	34096	16.357	ug/l	97
32) 1,1,1-Trichloroethane	7.52	97	34608	18.272	ug/l	98
36) 1,1-Dichloropropene	7.75	75	28921	17.456	ug/l	99
37) Ethyl Acetate	6.87	43	41293	21.260	ug/l	99
38) Carbon Tetrachloride	7.73	117	23704	17.251	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	27362	14.727	ug/l	96
40) Benzene	8.00	78	99055	20.068	ug/l	100
41) Methacrylonitrile	7.12	41	19483	24.160	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	40626	21.726	ug/l	99
43) Isopropyl Acetate	8.12	43	68163	21.146	ug/l	100
44) Trichloroethene	8.80	130	23181	17.373	ug/l	98
45) 1,2-Dichloropropane	9.08	63	28049	21.271	ug/l	98
46) Dibromomethane	9.17	93	17546	21.490	ug/l	99
47) Bromodichloromethane	9.37	83	37588	21.448	ug/l	99
48) Methyl methacrylate	9.16	41	30807	21.179	ug/l	97
49) 1,4-Dioxane	9.16	88	6130	371.264	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	200190	105.510	ug/l	100
52) Toluene	10.12	92	56370	18.960	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	39253	19.878	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	42316	20.270	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	24961	21.049	ug/l	99
56) Ethyl methacrylate	10.40	69	36956	19.635	ug/l	96
57) 1,3-Dichloropropane	10.68	76	45247	21.707	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	92944	96.828	ug/l	98
59) 2-Hexanone	10.72	43	140170	101.546	ug/l	99
60) Dibromochloromethane	10.87	129	25219	20.305	ug/l	99
61) 1,2-Dibromoethane	10.98	107	24833	20.893	ug/l	99
64) Tetrachloroethene	10.60	164	21491	16.038	ug/l	99
65) Chlorobenzene	11.40	112	58593	19.092	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	22038	20.063	ug/l	99
67) Ethyl Benzene	11.48	91	100818	17.549	ug/l	99
68) m/p-Xylenes	11.59	106	74652	35.500	ug/l	98
69) o-Xylene	11.92	106	36078	17.861	ug/l	97
70) Styrene	11.94	104	60881	18.008	ug/l	98
71) Bromoform	12.10	173	16465	20.396	ug/l #	99
73) Isopropylbenzene	12.22	105	92818	18.096	ug/l	100
74) N-amyl acetate	12.04	43	53696	20.674	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	36274	22.680	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	46423	31.560	ug/l #	100
77) Bromobenzene	12.50	156	23555	19.894	ug/l	95
78) n-propylbenzene	12.56	91	109864	18.058	ug/l	100
79) 2-Chlorotoluene	12.65	91	68619	19.189	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	78367	18.460	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	10884	18.790	ug/l	96
82) 4-Chlorotoluene	12.75	91	72469	19.228	ug/l	98
83) tert-Butylbenzene	12.97	119	61801	17.265	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	80257	18.350	ug/l	99
85) sec-Butylbenzene	13.15	105	85218	17.461	ug/l	98
86) p-Isopropyltoluene	13.26	119	76288	17.350	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	41266	18.932	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	42348	19.015	ug/l	99
89) n-Butylbenzene	13.59	91	67111	16.649	ug/l	100
90) Hexachloroethane	13.85	117	8618	23.550	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	41513	19.863	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	6743	19.962	ug/l	98

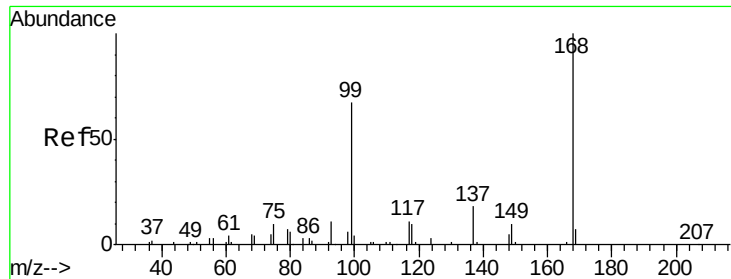
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	23221	18.245	ug/l	99
94) Hexachlorobutadiene	14.98	225	9431	17.738	ug/l	99
95) Naphthalene	15.10	128	75392	18.189	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	23717	18.875	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061248.D

Acq: 2 May 2020 2:43

Instrument :

MSVOA_N

ClientSampleId :

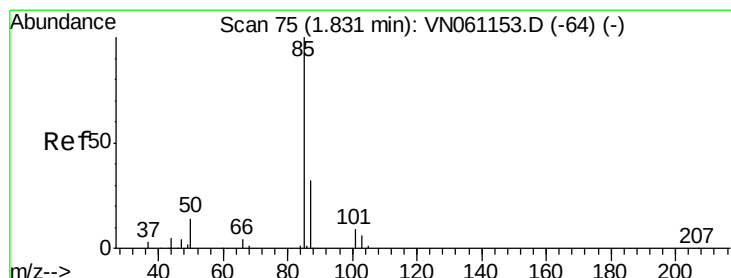
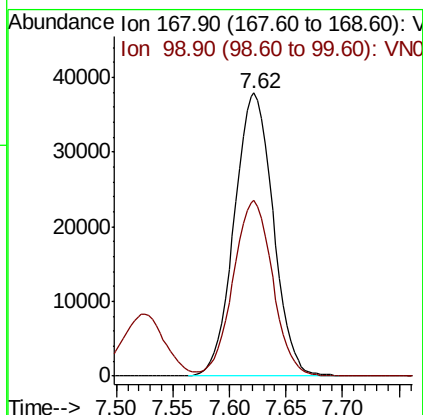
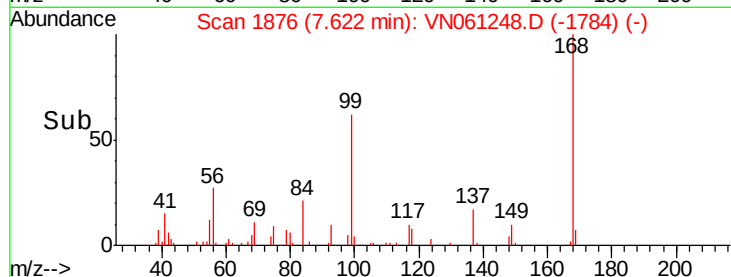
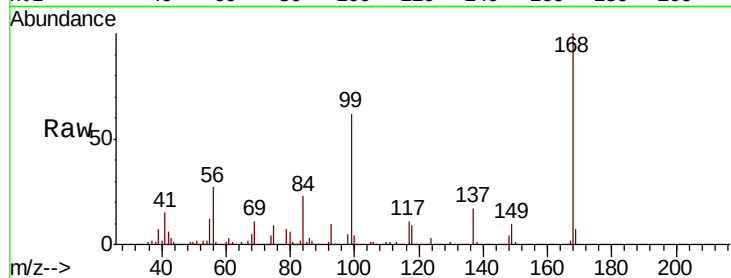
VN0501WBS02

Tot Ion:168 Resp: 90554

Ion Ratio Lower Upper

168 100

99 62.1 51.2 76.8



#2

Dichlorodifluoromethane

Concen: 16.011 ug/l

RT: 1.83 min Scan# 75

Delta R.T. 0.00 min

Lab File: VN061248.D

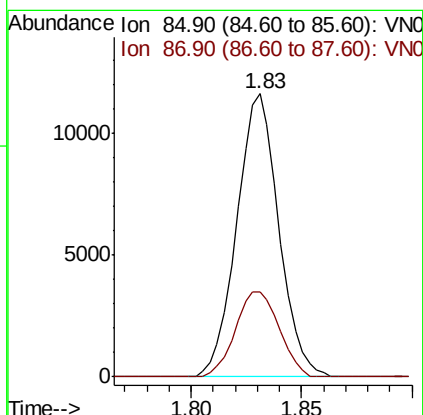
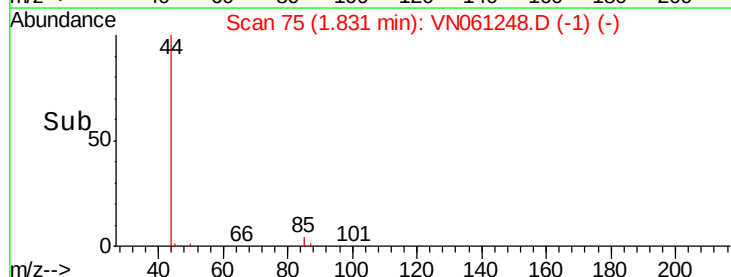
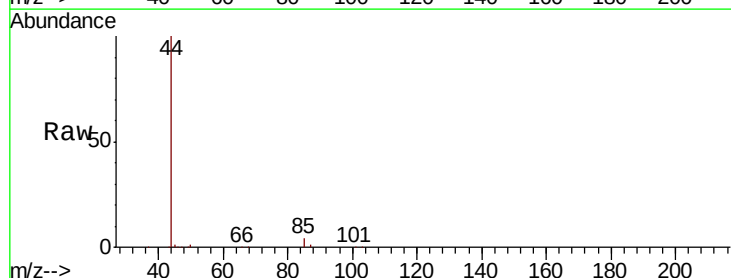
Acq: 2 May 2020 2:43

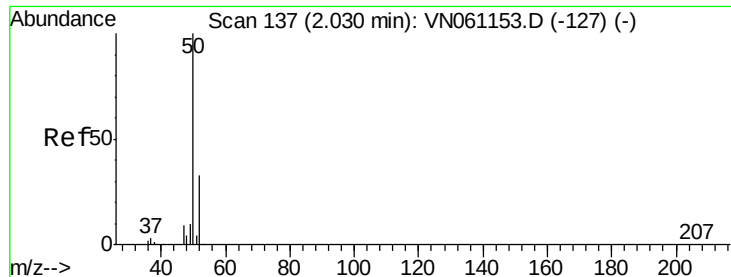
Tgt Ion: 85 Resp: 15375

Ion Ratio Lower Upper

85 100

87 29.8 16.1 48.2





#3

Chloromethane

Concen: 23.760 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061248.D

Acq: 2 May 2020 2:43

Instrument :

MSVOA_N

ClientSampleId :

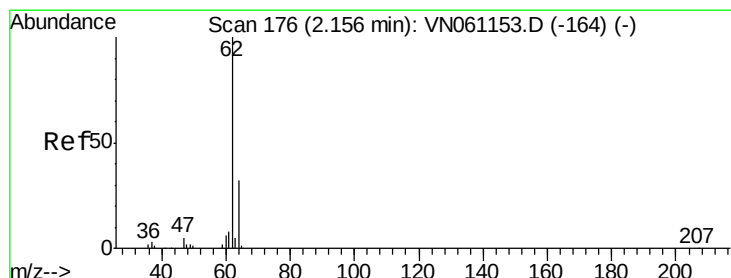
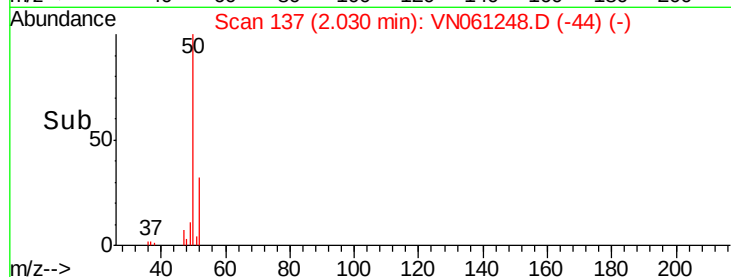
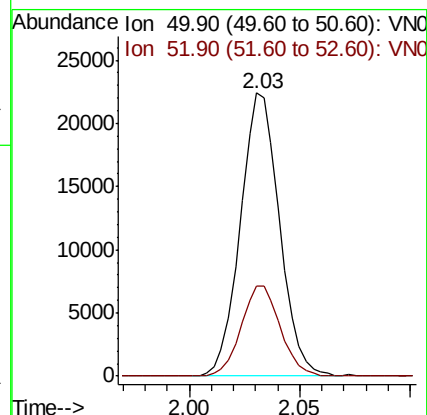
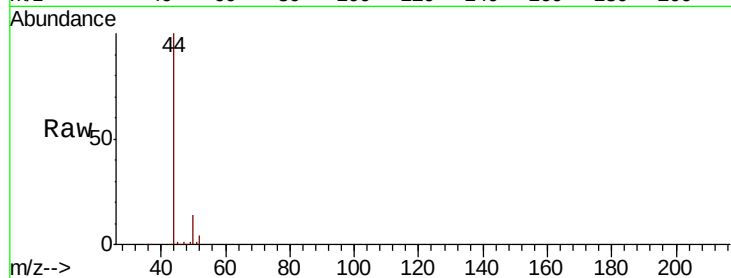
VN0501WBS02

Tot Ion: 50 Resp: 27633

Ion Ratio Lower Upper

50 100

52 31.8 26.0 39.0



#4

Vinyl Chloride

Concen: 19.766 ug/l

RT: 2.16 min Scan# 177

Delta R.T. 0.00 min

Lab File: VN061248.D

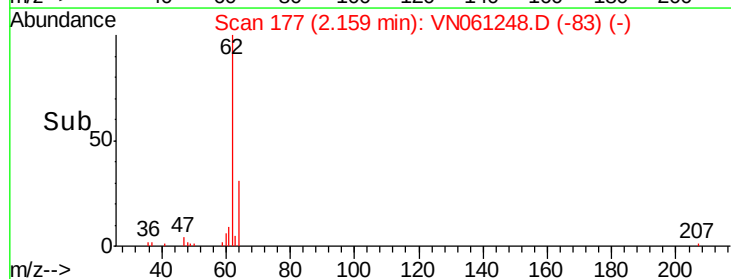
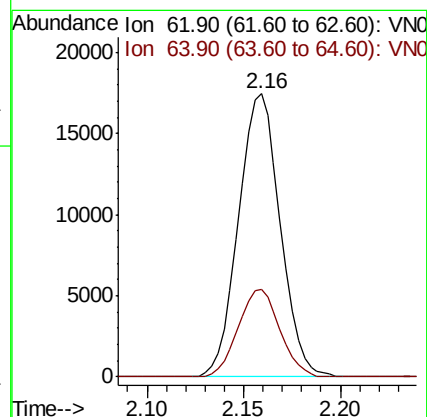
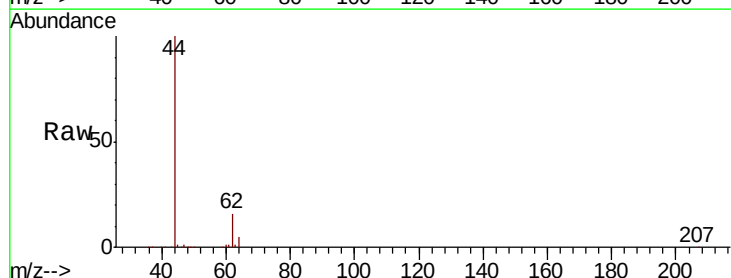
Acq: 2 May 2020 2:43

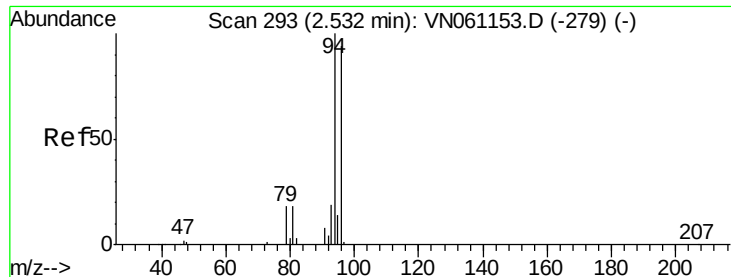
Tgt Ion: 62 Resp: 26110

Ion Ratio Lower Upper

62 100

64 30.9 25.2 37.8





#5

Bromomethane

Concen: 19.715 ug/l

RT: 2.54 min Scan# 295

Delta R.T. 0.01 min

Lab File: VN061248.D

Acq: 2 May 2020 2:43

Instrument :

MSVOA_N

ClientSampleId :

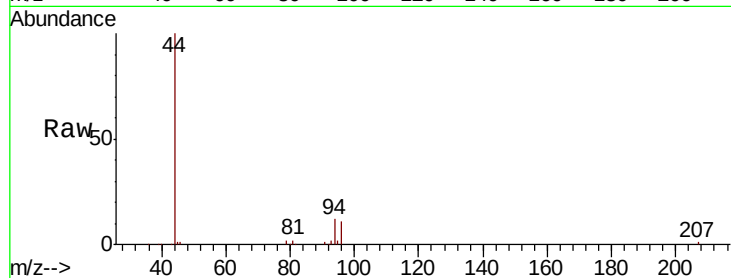
VN0501WBS02

Tot Ion: 94 Resp: 12873

Ion Ratio Lower Upper

94 100

96 89.8 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VN061153.D (-279) (-)

Ion 95.90 (95.60 to 96.60): VN061153.D (-279) (-)

2.54

8000

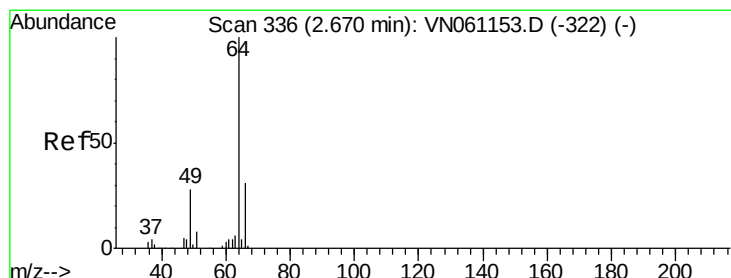
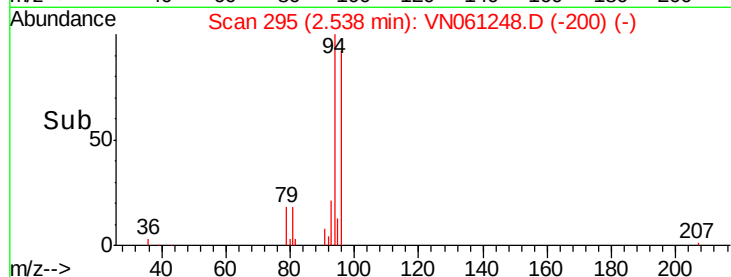
6000

4000

2000

0

Time-->



#6

Chloroethane

Concen: 20.665 ug/l

RT: 2.67 min Scan# 337

Delta R.T. 0.00 min

Lab File: VN061248.D

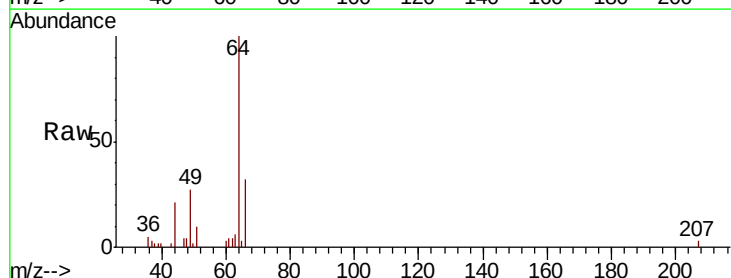
Acq: 2 May 2020 2:43

Tgt Ion: 64 Resp: 17302

Ion Ratio Lower Upper

64 100

66 31.7 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VN061153.D (-322) (-)

Ion 65.90 (65.60 to 66.60): VN061153.D (-322) (-)

2.67

10000

8000

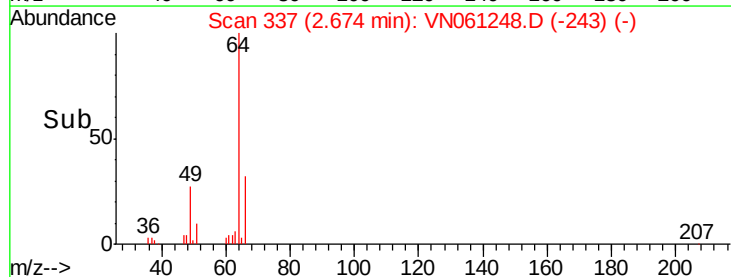
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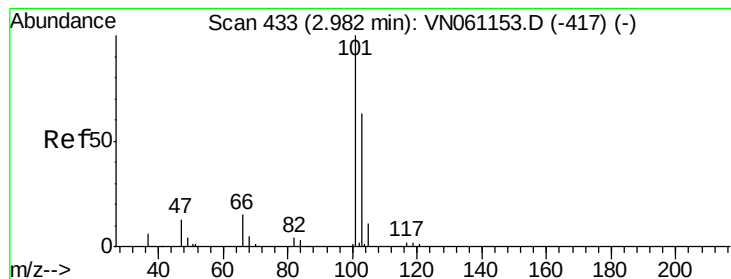
4000

2000

0

Time-->



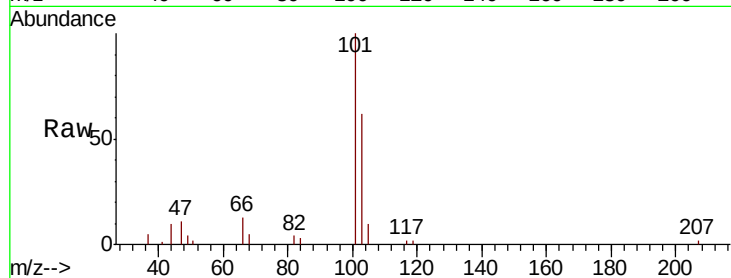


#7

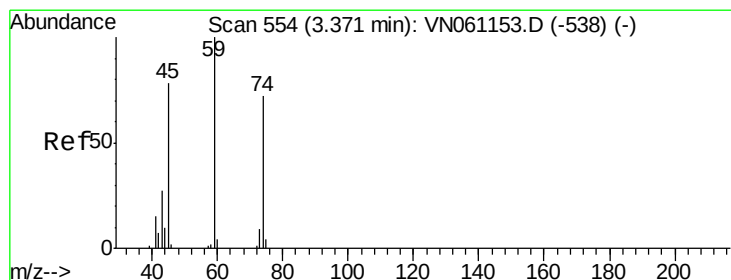
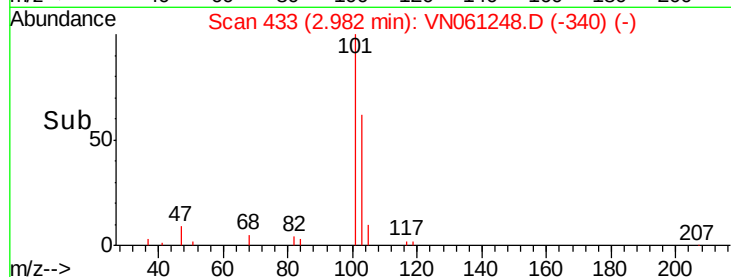
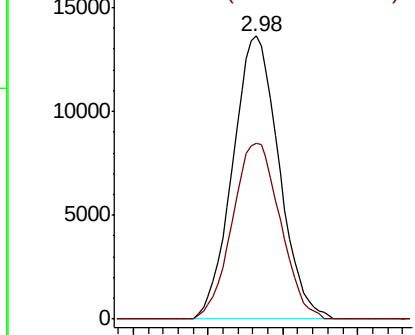
Trichlorofluoromethane
 Concen: 19.682 ug/l
 RT: 2.98 min Scan# 433
 Delta R.T. 0.00 min
 Lab File: VN061248.D
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Tot Ion:101 Resp: 29332
 Ion Ratio Lower Upper
 101 100
 103 62.3 50.6 76.0



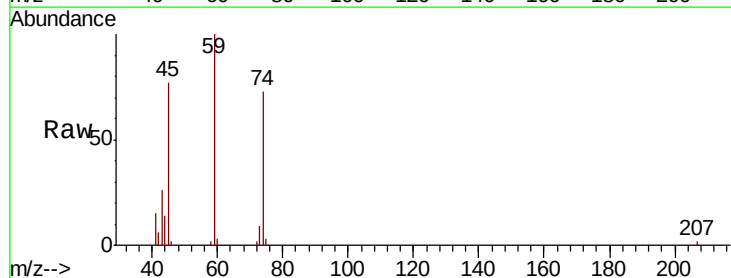
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



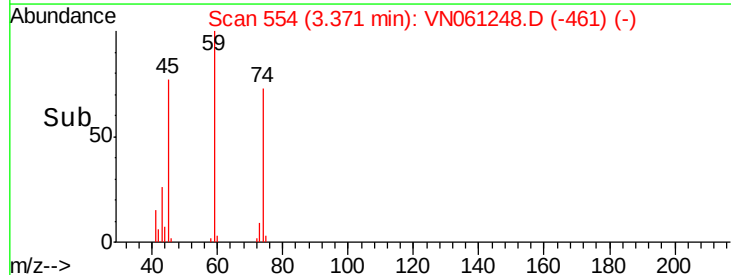
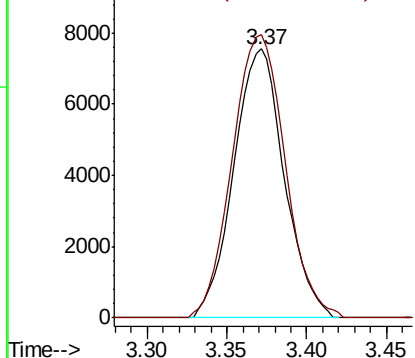
#8

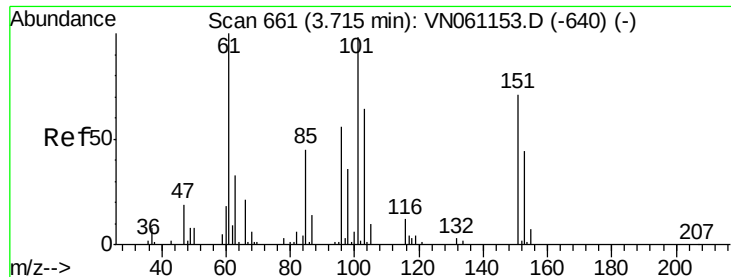
Diethyl Ether
 Concen: 26.257 ug/l
 RT: 3.37 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: VN061248.D
 Acq: 2 May 2020 2:43

Tgt Ion: 74 Resp: 16322
 Ion Ratio Lower Upper
 74 100
 45 110.4 53.3 160.0



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.970 ug/l

RT: 3.72 min Scan# 661

Delta R.T. 0.00 min

Lab File: VN061248.D

Acq: 2 May 2020 2:43

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBS02

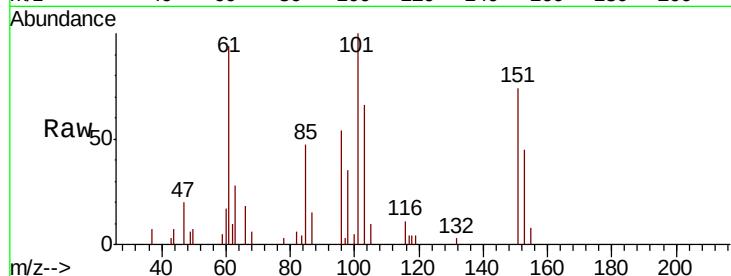
Tot Ion:101 Resp: 17253

Ion Ratio Lower Upper

101 100

85 45.9 37.2 55.8

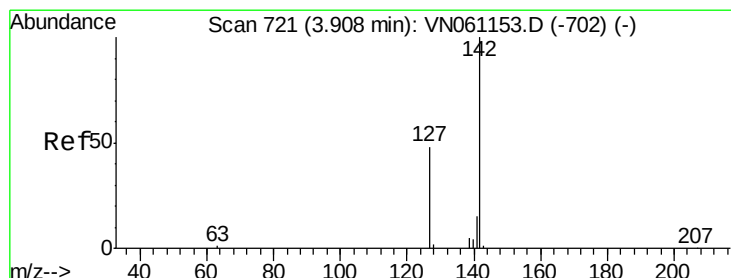
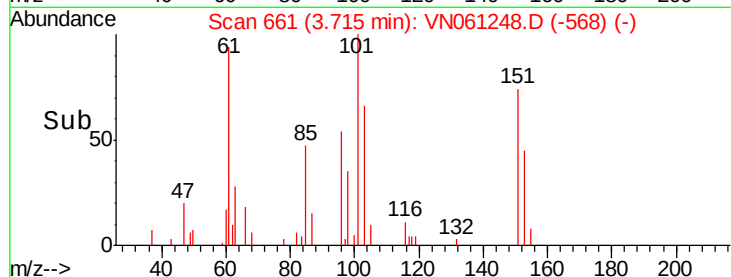
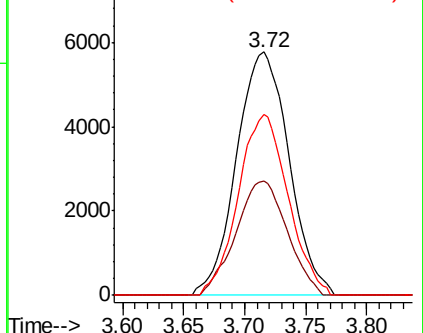
151 70.4 57.7 86.5



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: 19.826 ug/l

RT: 3.90 min Scan# 720

Delta R.T. -0.00 min

Lab File: VN061248.D

Acq: 2 May 2020 2:43

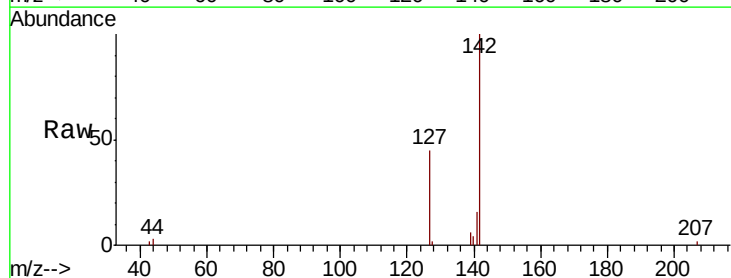
Tgt Ion:142 Resp: 24462

Ion Ratio Lower Upper

142 100

127 45.7 38.0 57.0

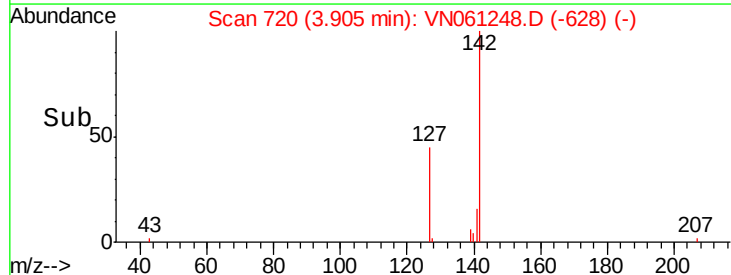
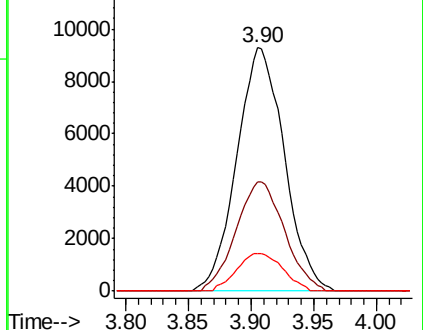
141 15.0 11.7 17.5

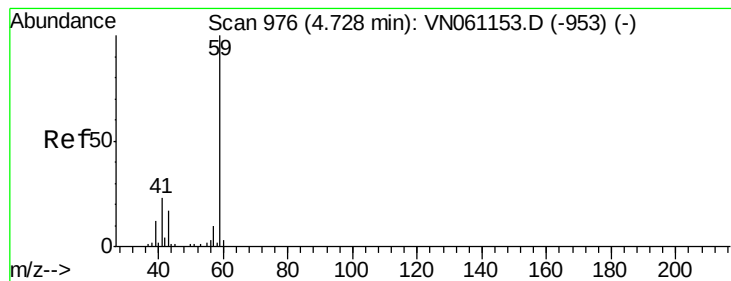


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



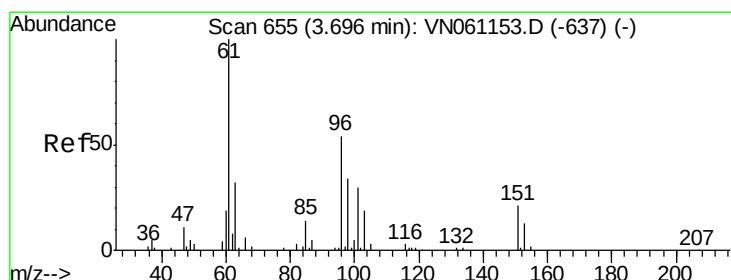
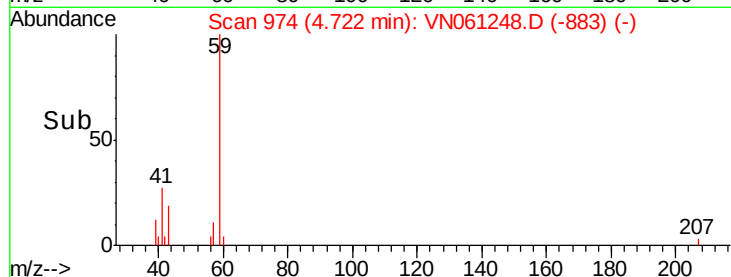
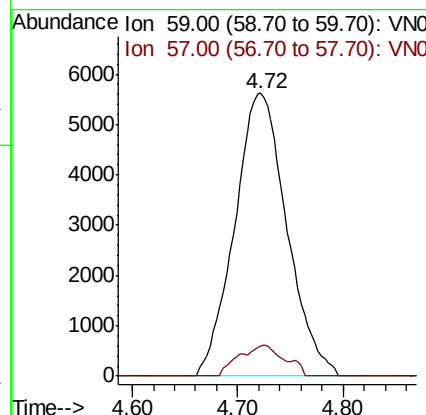
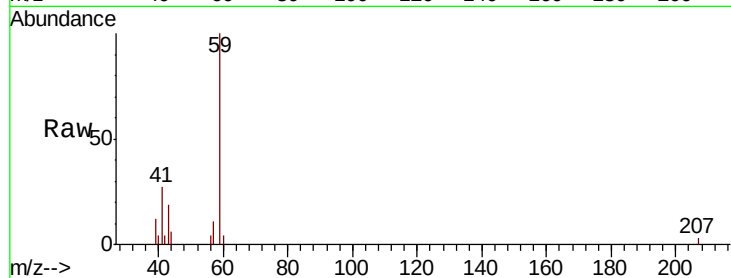


#11

Tert butyl alcohol
 Concen: 100.677 ug/l
 RT: 4.72 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: VN061248.D
 Acq: 2 May 2020 2:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0501WBS02

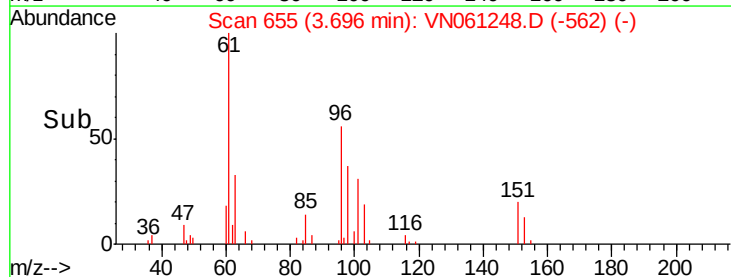
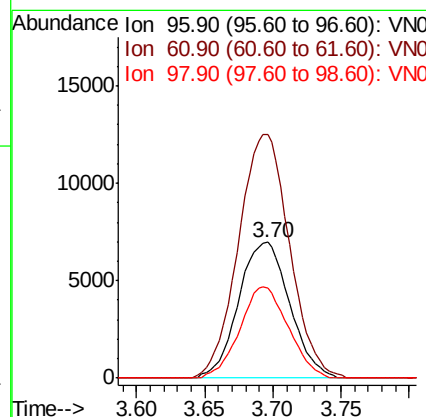
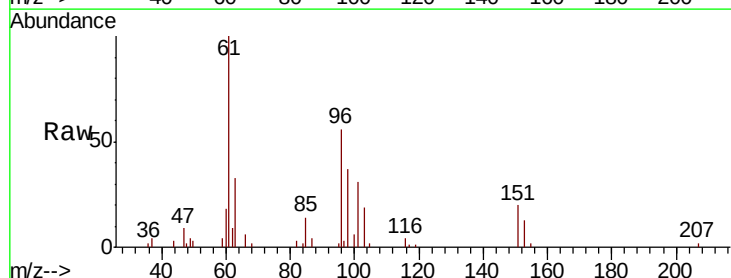
Tot Ion: 59 Resp: 19324
 Ion Ratio Lower Upper
 59 100
 57 8.4 8.3 12.5

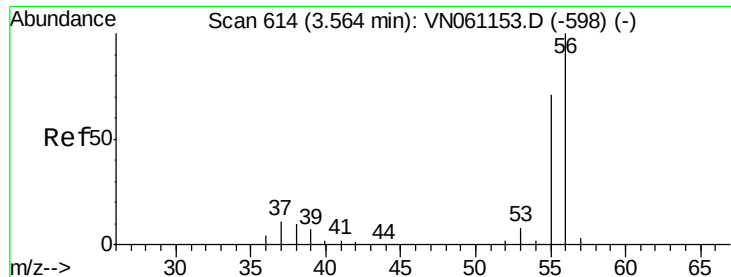


#12

1,1-Dichloroethene
 Concen: 18.994 ug/l
 RT: 3.70 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: VN061248.D
 Acq: 2 May 2020 2:43

Tgt Ion: 96 Resp: 18147
 Ion Ratio Lower Upper
 96 100
 61 179.5 147.0 220.6
 98 66.4 49.8 74.6





#13

Acrolein

Concen: 75.342 ug/l

RT: 3.56 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN061248.D

Acq: 2 May 2020 2:43

Instrument :

MSVOA_N

ClientSampleId :

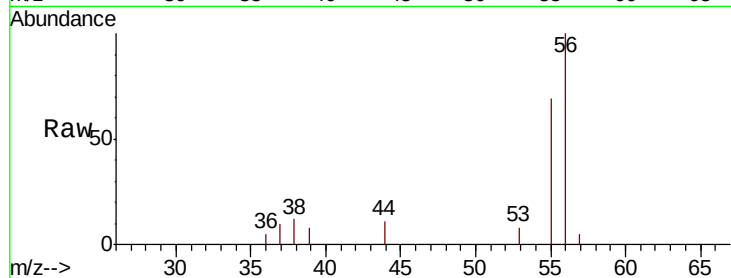
VN0501WBS02

Tot Ion: 56 Resp: 9637

Ion Ratio Lower Upper

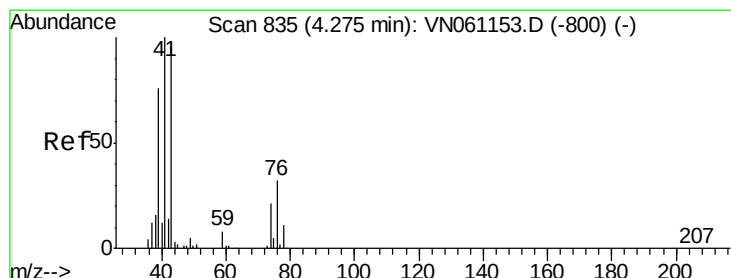
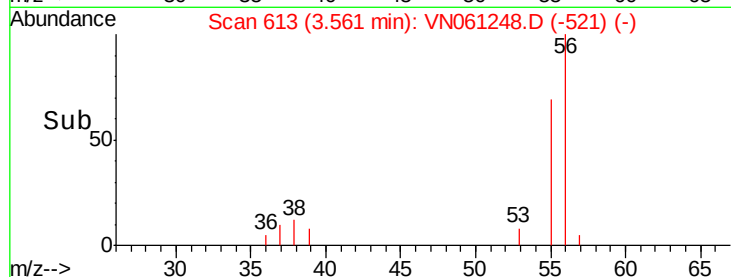
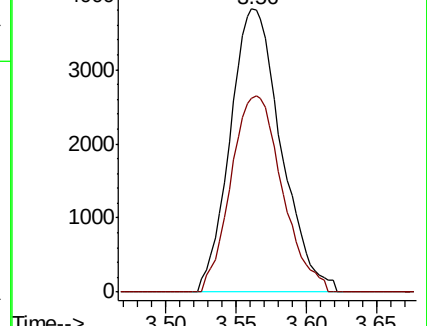
56 100

55 69.6 58.5 87.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 24.801 ug/l

RT: 4.27 min Scan# 834

Delta R.T. -0.00 min

Lab File: VN061248.D

Acq: 2 May 2020 2:43

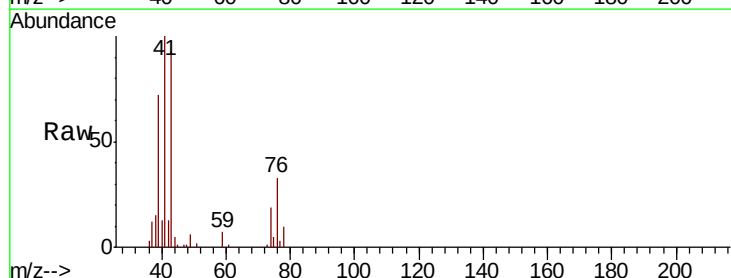
Tgt Ion: 41 Resp: 43936

Ion Ratio Lower Upper

41 100

39 67.2 57.1 85.7

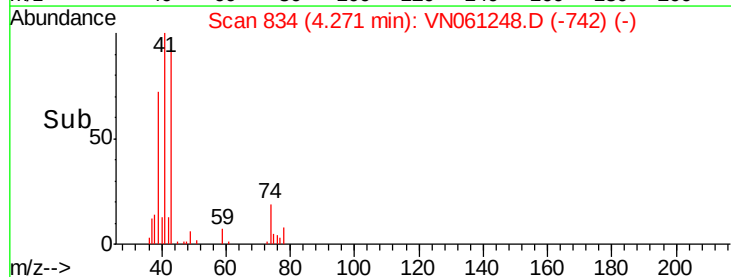
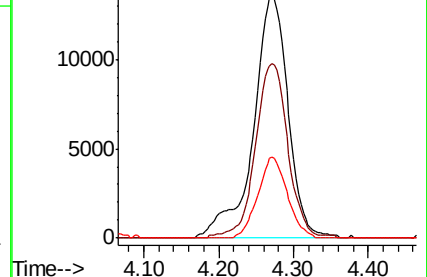
76 28.4 24.3 36.5

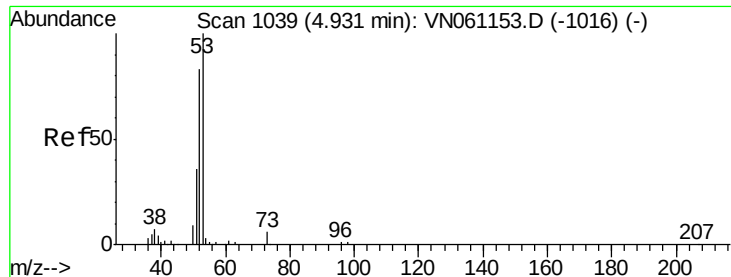


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 117.694 ug/l

RT: 4.92 min Scan# 1037

Delta R.T. -0.01 min

Lab File: VN061248.D

Acq: 2 May 2020 2:43

Instrument :

MSVOA_N

ClientSampled :

VN0501WBS02

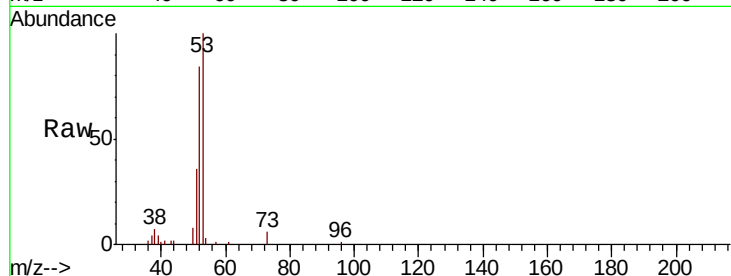
Tot Ion: 53 Resp: 69346

Ion Ratio Lower Upper

53 100

52 82.4 65.4 98.0

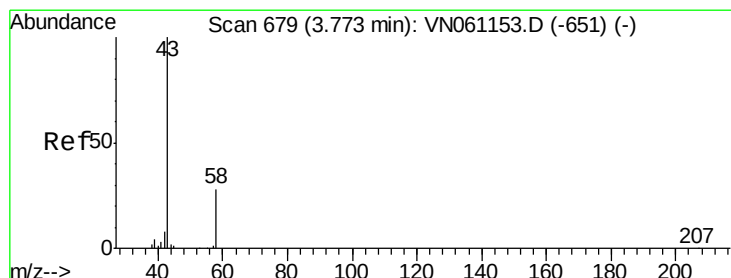
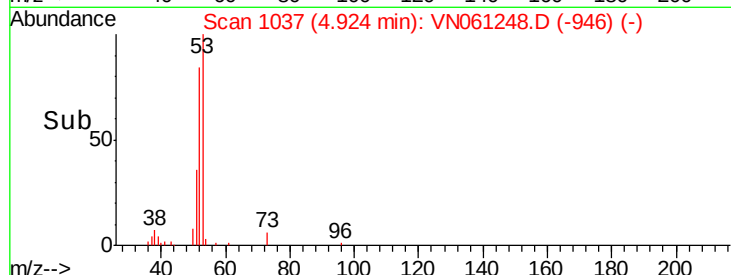
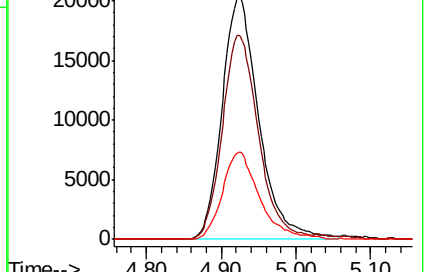
51 36.2 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VN061153.D (-1016) (-)

Ion 52.00 (51.70 to 52.70): VN061153.D (-1016) (-)

Ion 51.00 (50.70 to 51.70): VN061153.D (-1016) (-)



#16

Acetone

Concen: 109.677 ug/l

RT: 3.77 min Scan# 677

Delta R.T. -0.01 min

Lab File: VN061248.D

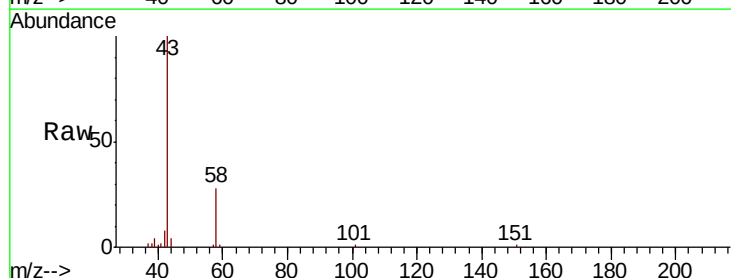
Acq: 2 May 2020 2:43

Tgt Ion: 43 Resp: 62496

Ion Ratio Lower Upper

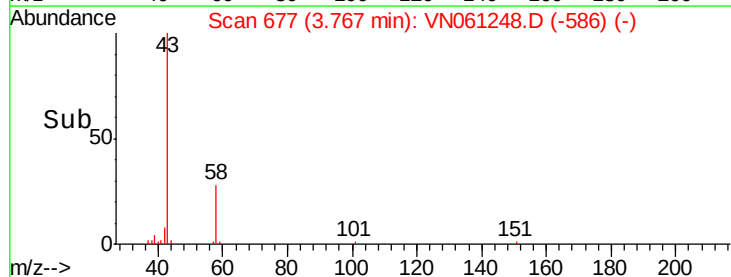
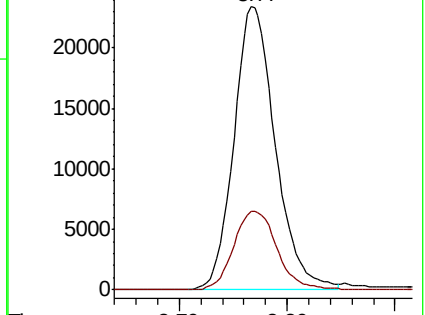
43 100

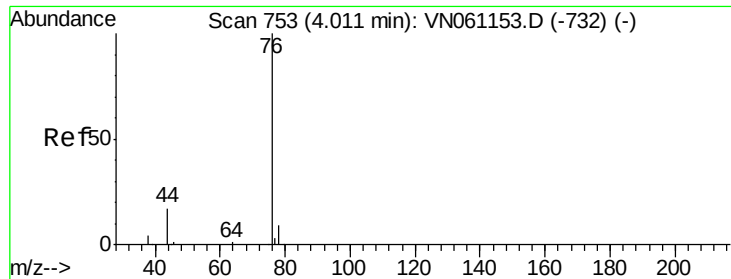
58 27.6 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-651) (-)

Ion 58.00 (57.70 to 58.70): VN061153.D (-651) (-)

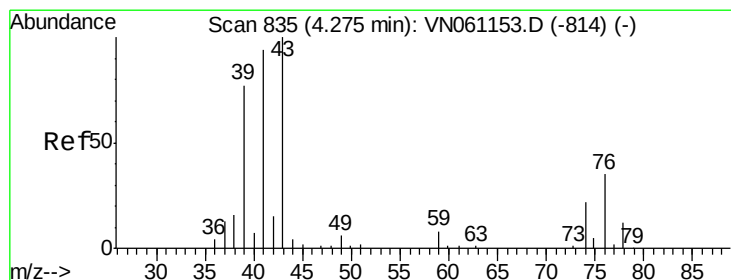
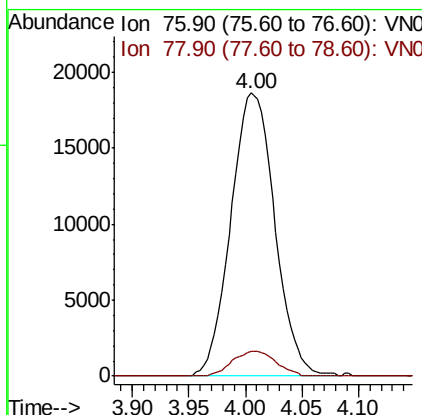
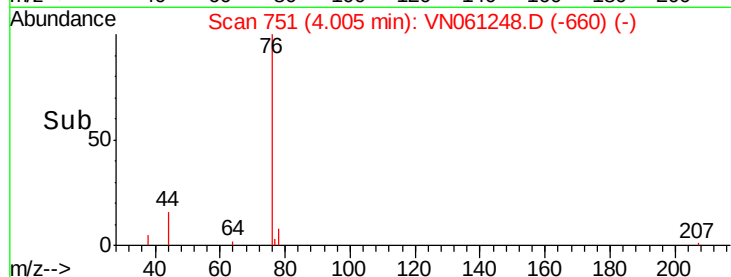
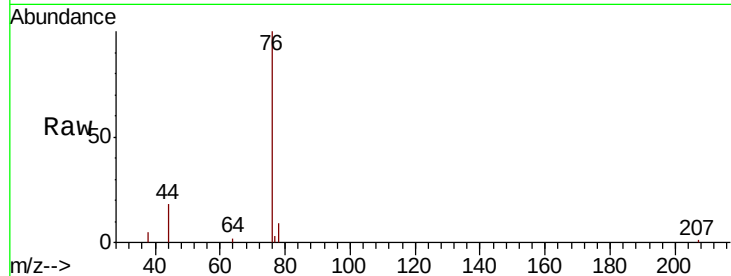




#17
Carbon Disulfide
Concen: 19.083 ug/l
RT: 4.00 min Scan# 751
Delta R.T. -0.01 min
Lab File: VN061248.D
Acq: 2 May 2020 2:43

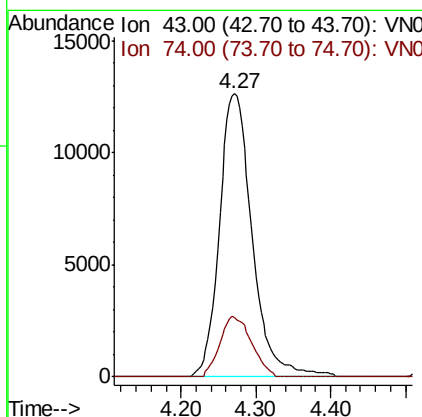
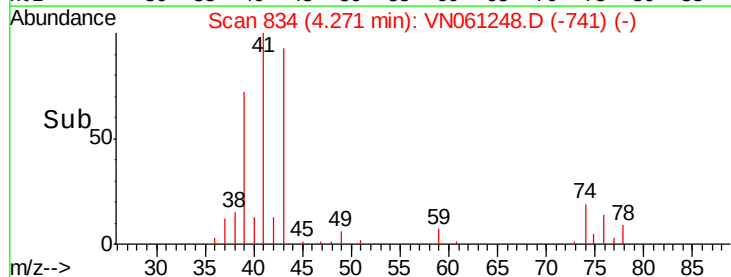
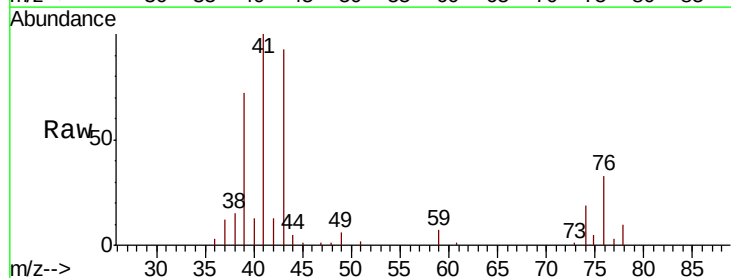
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02

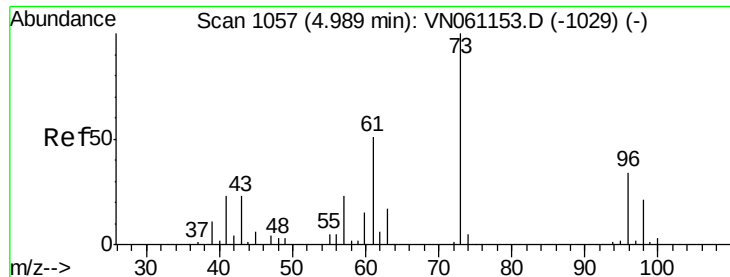
Tot Ion: 76 Resp: 50365
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 21.594 ug/l
RT: 4.27 min Scan# 834
Delta R.T. -0.00 min
Lab File: VN061248.D
Acq: 2 May 2020 2:43

Tgt Ion: 43 Resp: 38350
Ion Ratio Lower Upper
43 100
74 20.6 17.0 25.4



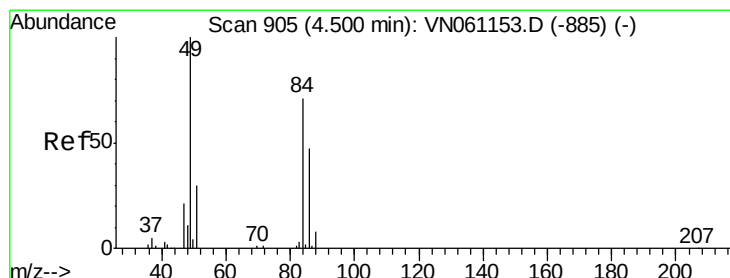
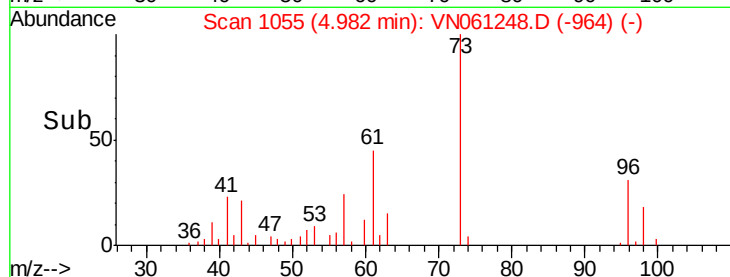
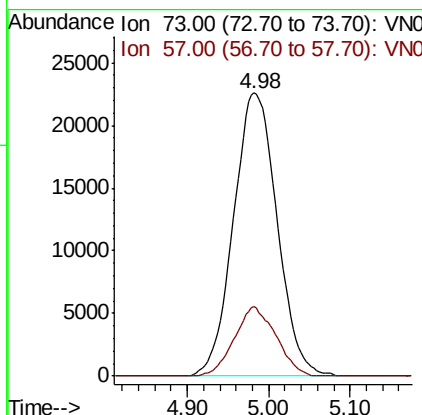
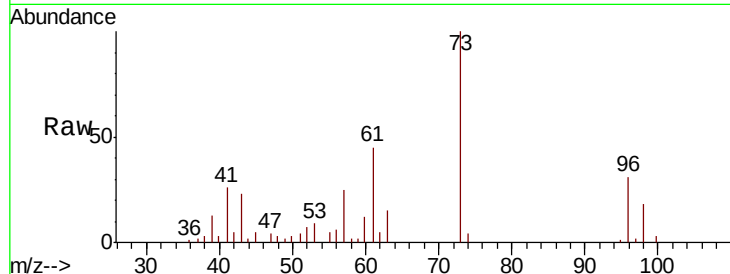


#19

Methvl tert-butyl Ether
 Concen: 22.977 ug/l
 RT: 4.98 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: VN061248.D
 Acq: 2 May 2020 2:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0501WBS02

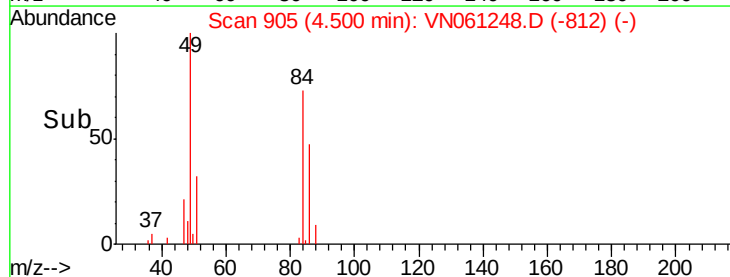
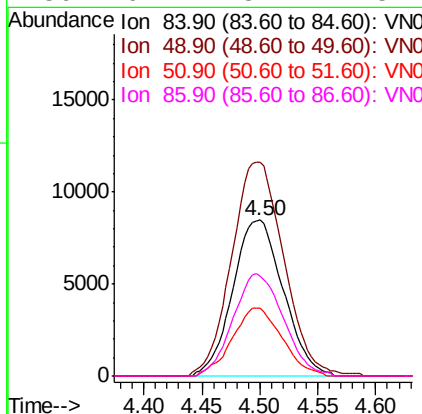
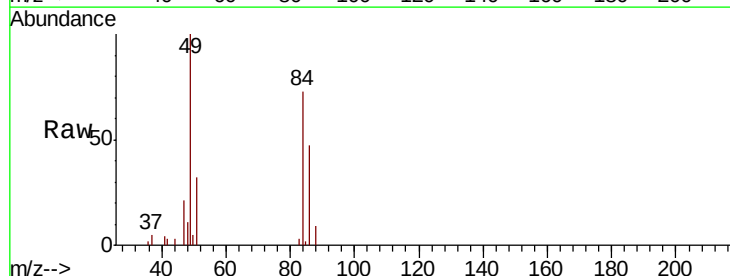
Tot Ion: 73 Resp: 83885
 Ion Ratio Lower Upper
 73 100
 57 24.8 18.3 27.5

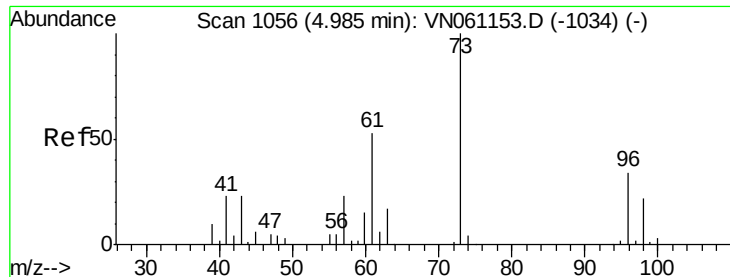


#20

Methylene Chloride
 Concen: 23.001 ug/l
 RT: 4.50 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: VN061248.D
 Acq: 2 May 2020 2:43

Tgt Ion: 84 Resp: 25699
 Ion Ratio Lower Upper
 84 100
 49 137.1 112.0 168.0
 51 43.3 33.6 50.4
 86 64.1 52.1 78.1

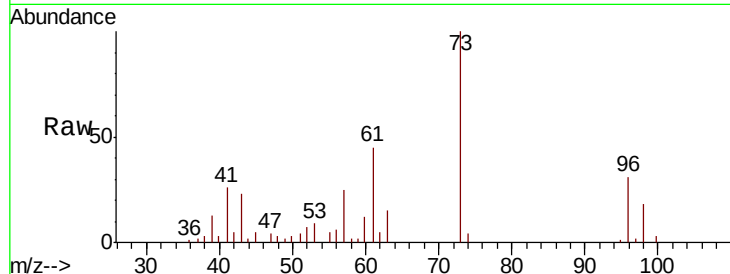




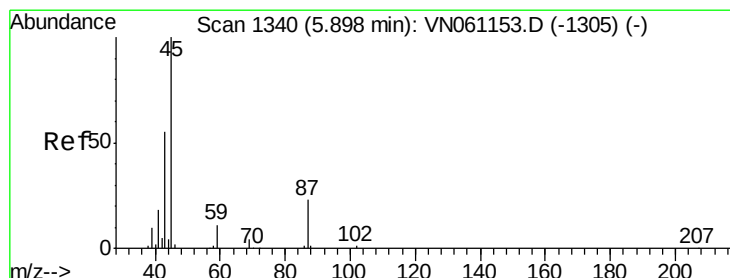
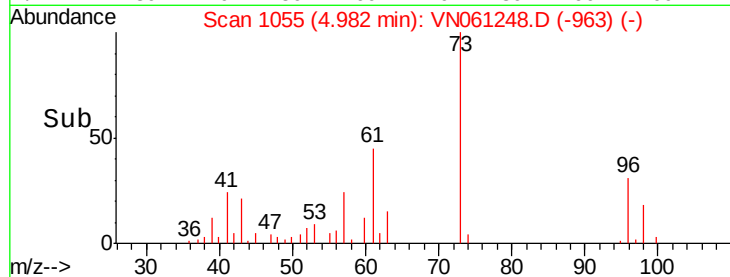
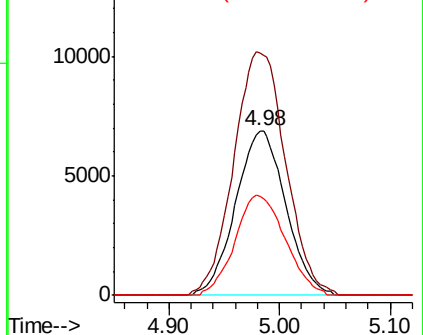
#21
trans-1,2-Dichloroethene
Concen: 20.852 ug/l
RT: 4.98 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VN061248.D
Acq: 2 May 2020 2:43

Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02

Tot Ion: 96 Resp: 21694
Ion Ratio Lower Upper
96 100
61 147.4 123.0 184.4
98 59.9 50.1 75.1

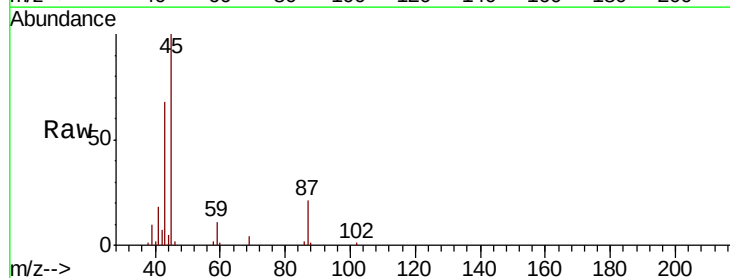


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

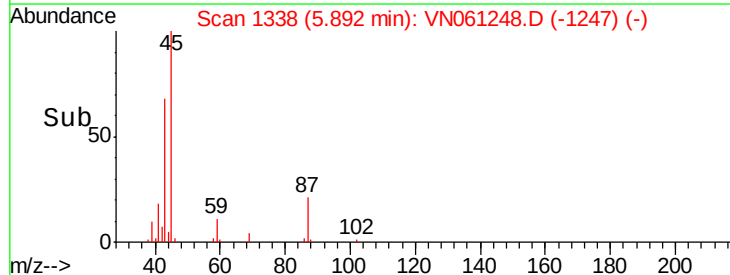
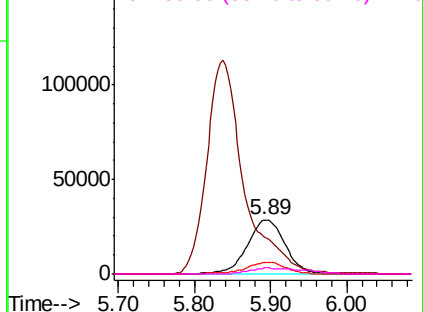


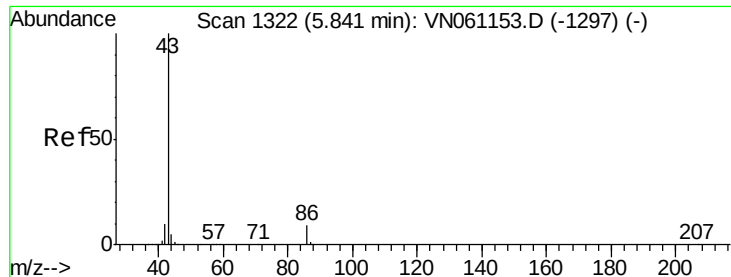
#22
Diisopropyl ether
Concen: 24.064 ug/l
RT: 5.89 min Scan# 1338
Delta R.T. -0.01 min
Lab File: VN061248.D
Acq: 2 May 2020 2:43

Tgt Ion: 45 Resp: 98854
Ion Ratio Lower Upper
45 100
43 65.2 47.9 71.9
87 21.4 19.2 28.8
59 10.8 9.0 13.4



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: 116.588 ug/l

RT: 5.84 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VN061248.D

Acq: 2 May 2020 2:43

Instrument :

MSVOA_N

ClientSampleId :

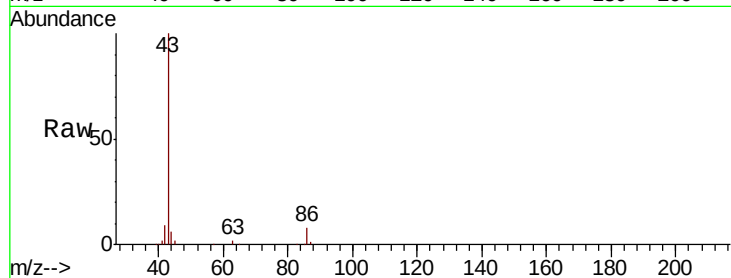
VN0501WBS02

Tot Ion: 43 Resp: 385636

Ion Ratio Lower Upper

43 100

86 8.5 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-1297) (-)

Ion 86.00 (85.70 to 86.70): VN061153.D (-1297) (-)

5.84

120000

100000

80000

60000

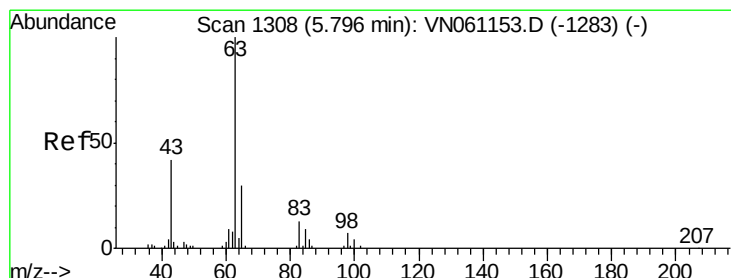
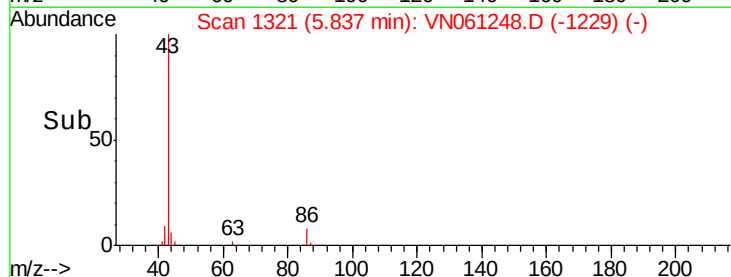
40000

20000

0

5.80 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 22.006 ug/l

RT: 5.79 min Scan# 1307

Delta R.T. -0.00 min

Lab File: VN061248.D

Acq: 2 May 2020 2:43

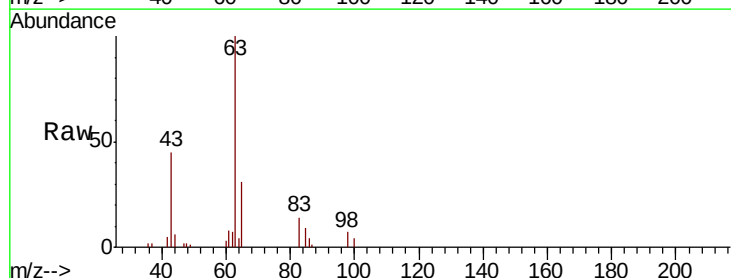
Tgt Ion: 63 Resp: 47233

Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.9

100 3.5 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN061153.D (-1283) (-)

Ion 97.90 (97.60 to 98.60): VN061153.D (-1283) (-)

Ion 99.90 (99.60 to 100.60): VN061153.D (-1283) (-)

20000

15000

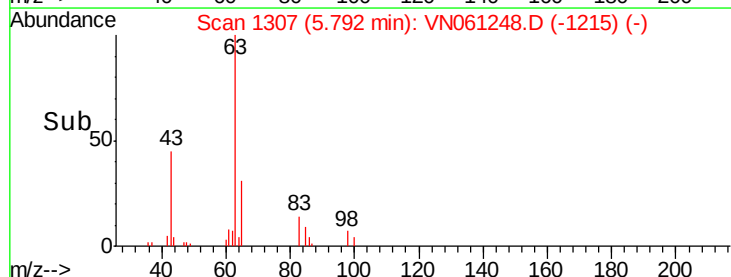
10000

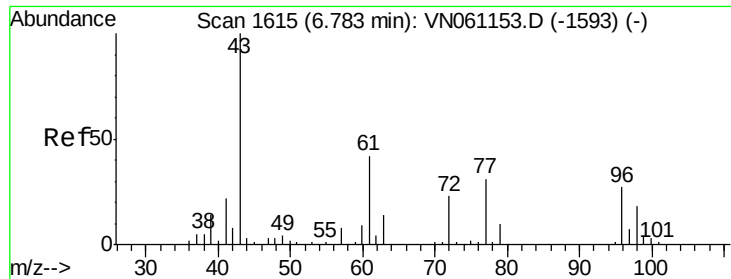
5000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 109.164 ug/l

RT: 6.78 min Scan# 1614

Delta R.T. -0.00 min

Lab File: VN061248.D

Acq: 2 May 2020 2:43

Instrument :

MSVOA_N

ClientSampled :

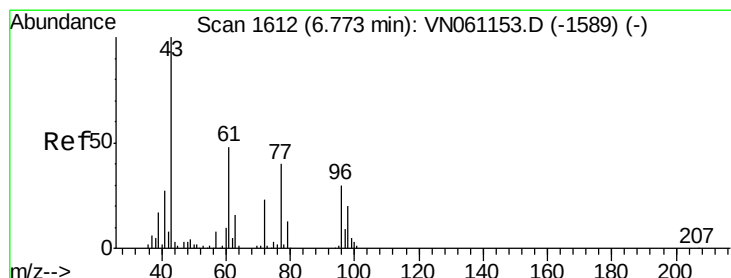
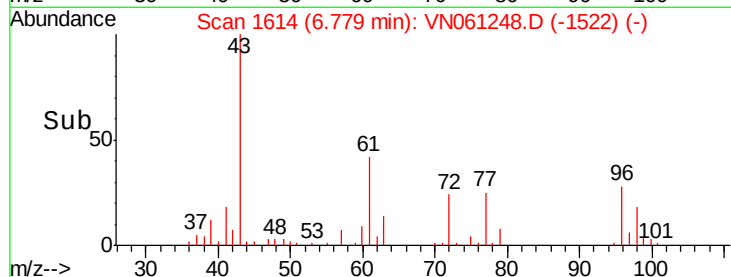
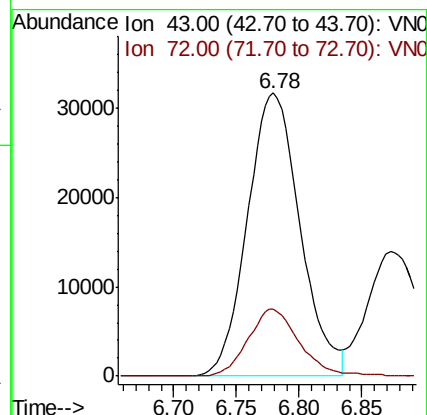
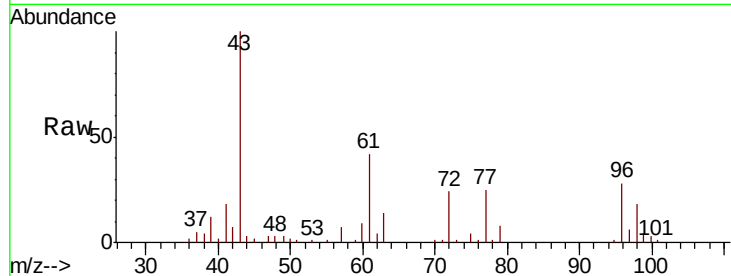
VN0501WBS02

Tot Ion: 43 Resp: 92556

Ion Ratio Lower Upper

43 100

72 23.5 18.2 27.4



#26

2,2-Dichloropropane

Concen: 15.670 ug/l

RT: 6.77 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VN061248.D

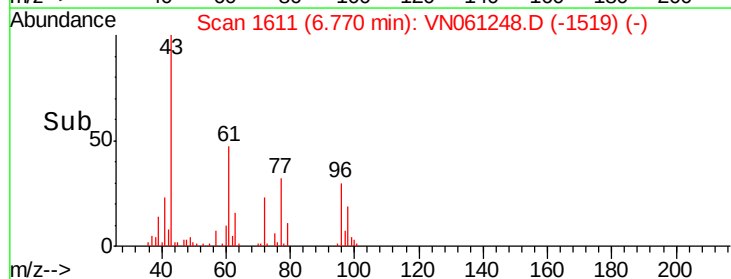
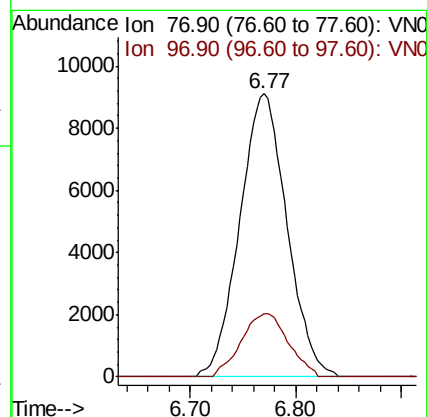
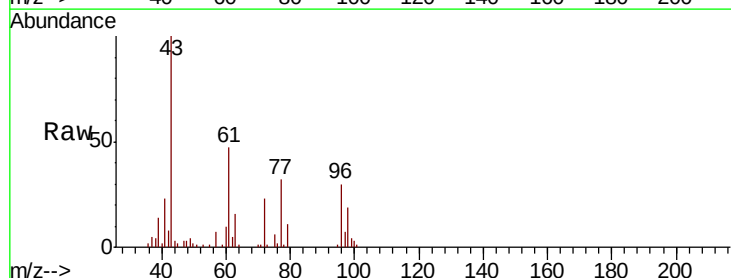
Acq: 2 May 2020 2:43

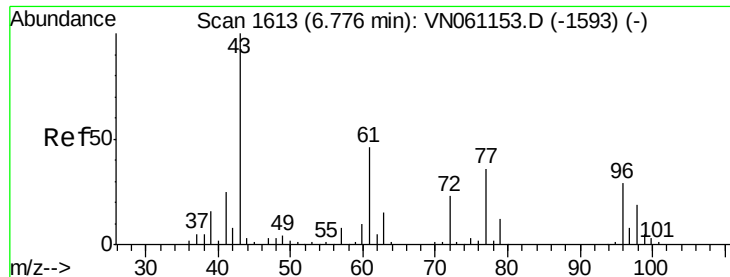
Tgt Ion: 77 Resp: 28329

Ion Ratio Lower Upper

77 100

97 22.3 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 21.495 ug/l

RT: 6.78 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VN061248.D

Acq: 2 May 2020 2:43

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBS02

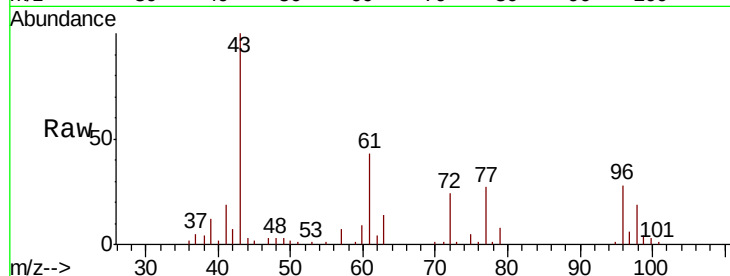
Tot Ion: 96 Resp: 26243

Ion Ratio Lower Upper

96 100

61 156.5 0.0 322.0

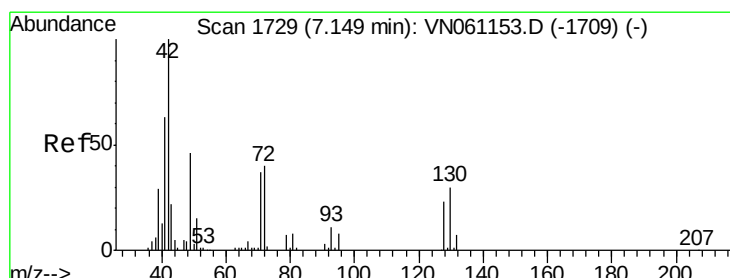
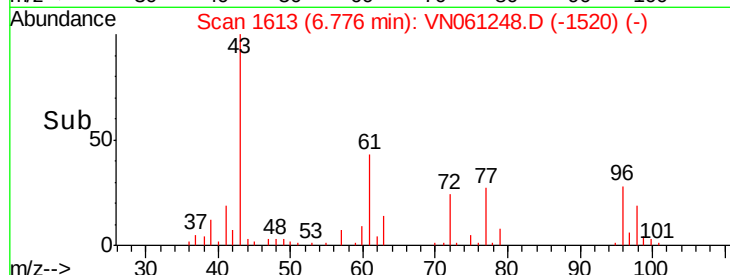
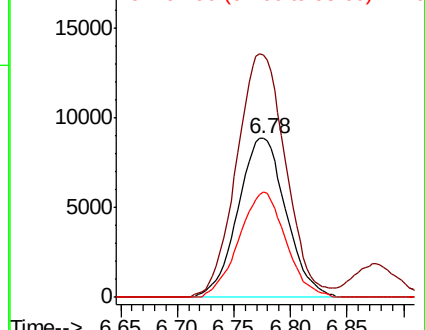
98 64.3 0.0 129.6



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: 24.669 ug/l

RT: 7.15 min Scan# 1728

Delta R.T. -0.00 min

Lab File: VN061248.D

Acq: 2 May 2020 2:43

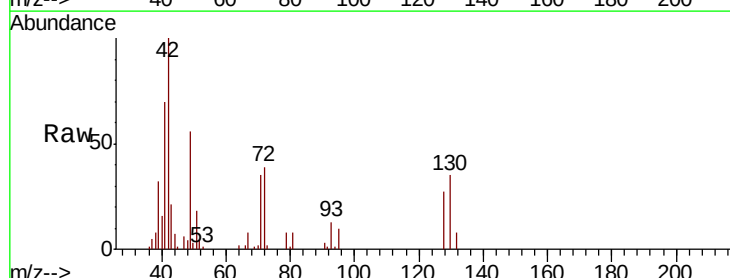
Tgt Ion: 49 Resp: 25096

Ion Ratio Lower Upper

49 100

129 0.1 0.0 3.0

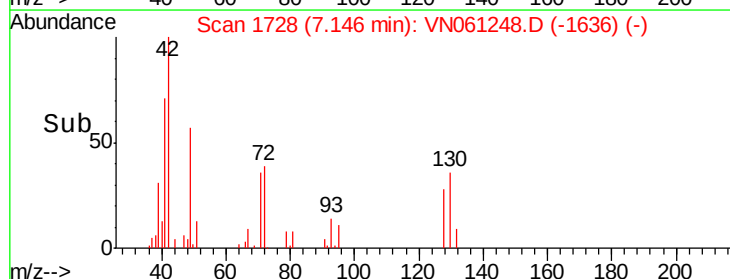
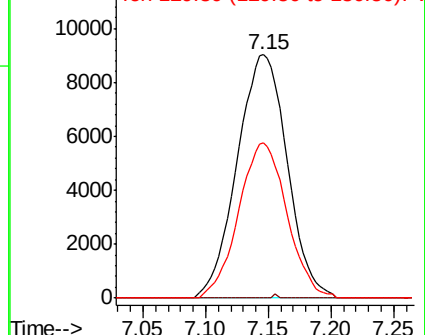
130 61.5 51.4 77.2

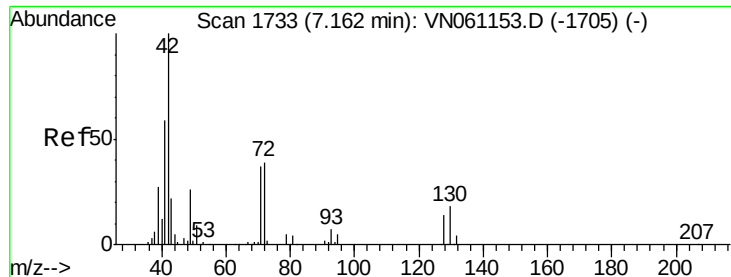


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

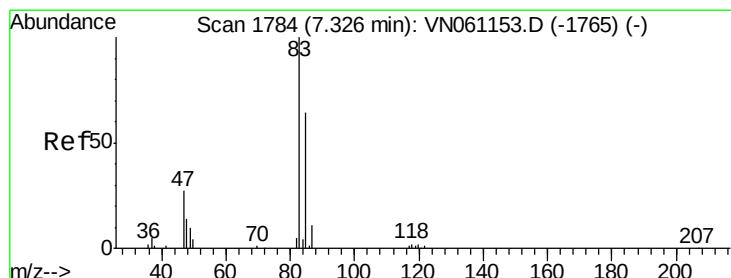
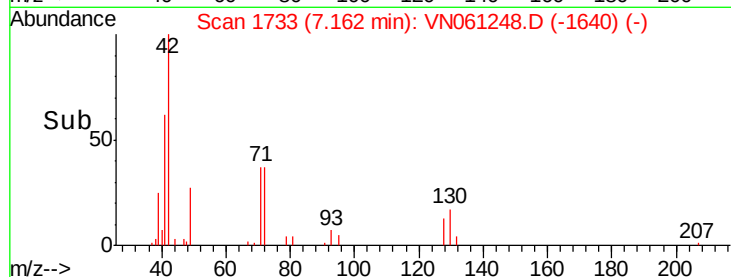
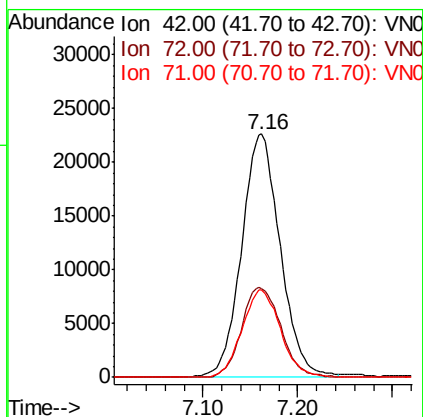
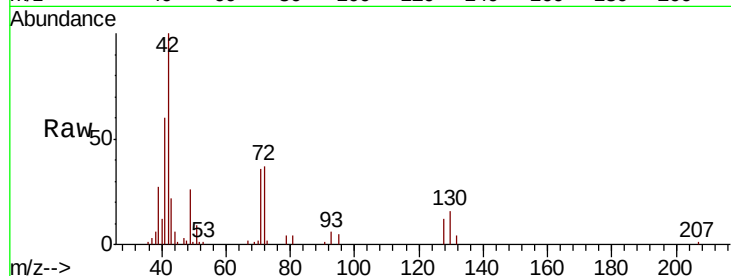




#29
Tetrahydrofuran
Concen: 112.523 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN061248.D
Acq: 2 May 2020 2:43

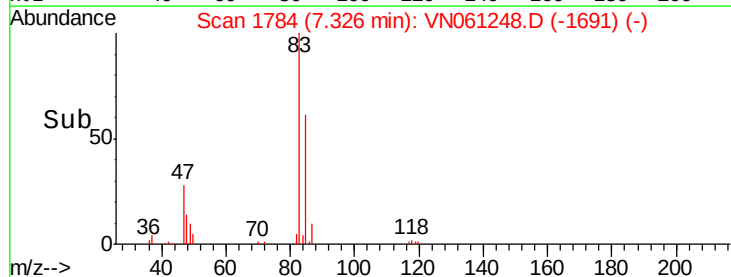
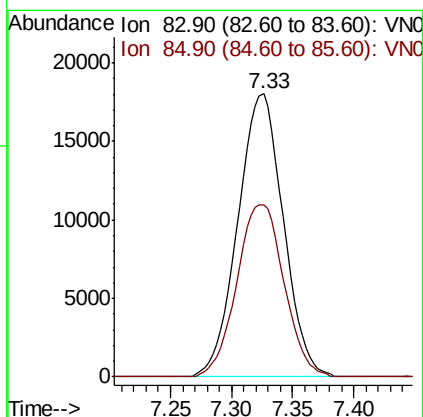
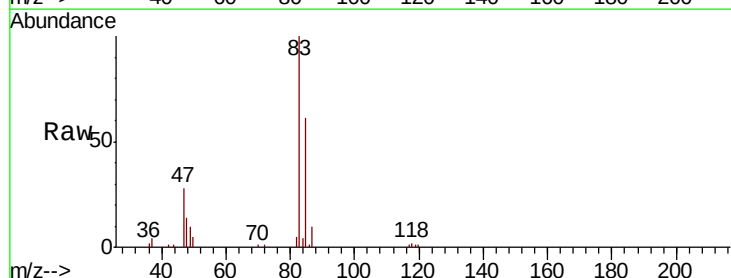
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02

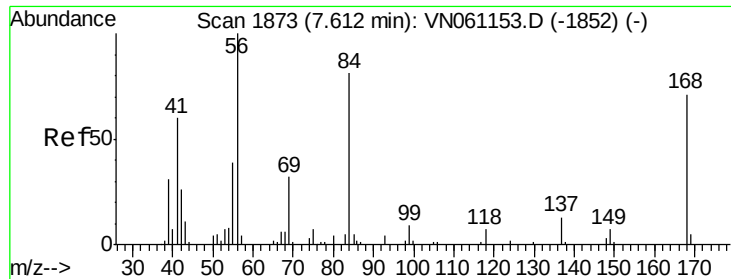
Tot Ion: 42 Resp: 64266
Ion Ratio Lower Upper
42 100
72 37.3 31.4 47.0
71 35.6 29.5 44.3



#30
Chloroform
Concen: 21.403 ug/l
RT: 7.33 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VN061248.D
Acq: 2 May 2020 2:43

Tgt Ion: 83 Resp: 46554
Ion Ratio Lower Upper
83 100
85 60.6 51.1 76.7

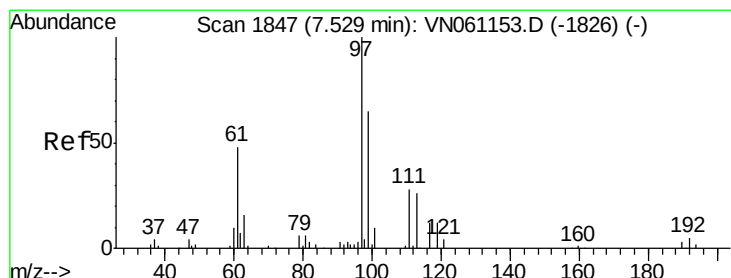
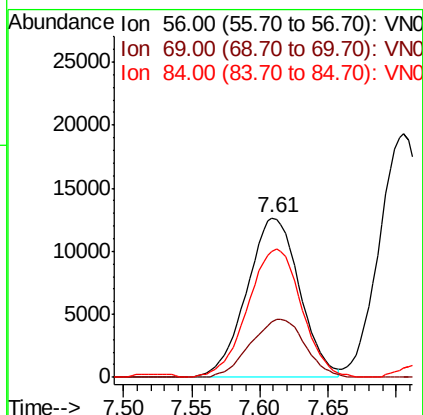
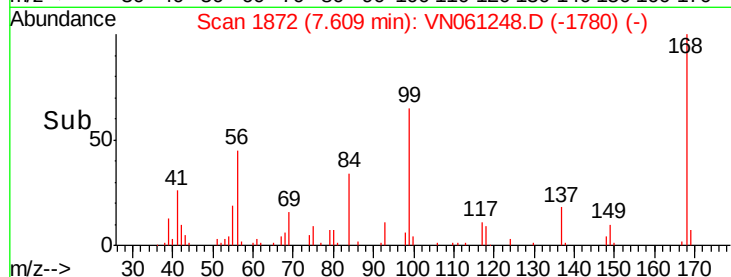
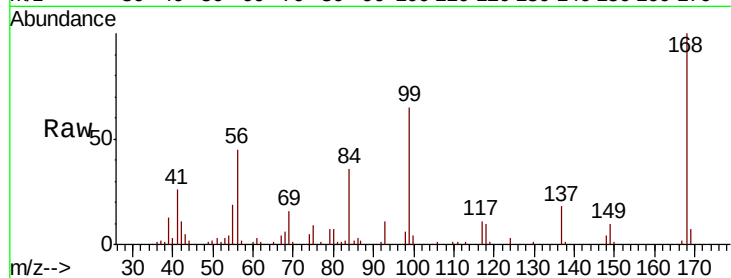




#31
Cyclohexane
Concen: 16.357 ug/l
RT: 7.61 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VN061248.D
Acq: 2 May 2020 2:43

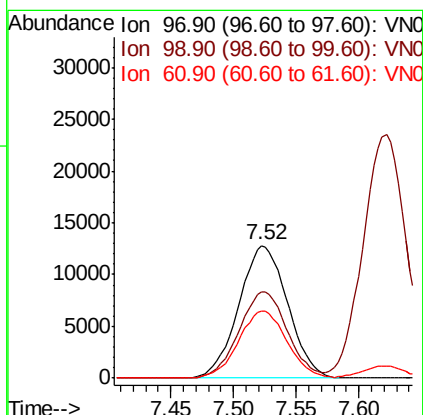
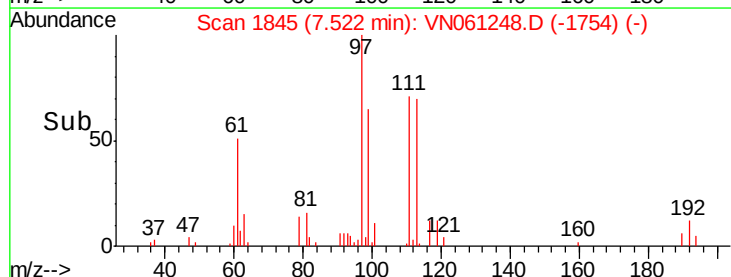
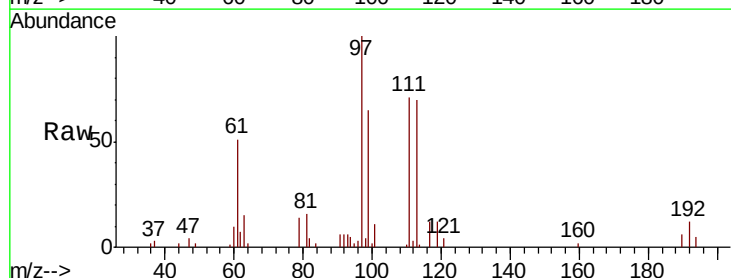
Instrument :
MSVOA_N
ClientSampled :
VN0501WBS02

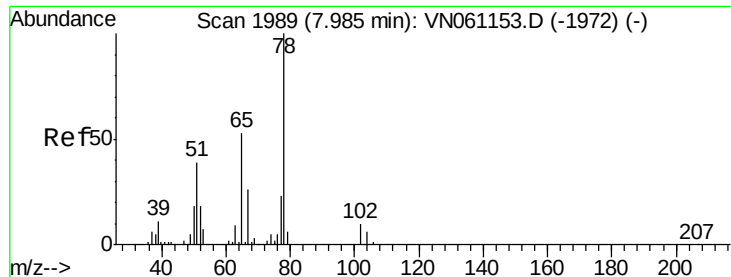
Tot Ion: 56 Resp: 34096
Ion Ratio Lower Upper
56 100
69 34.9 25.7 38.5
84 79.3 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 18.272 ug/l
RT: 7.52 min Scan# 1845
Delta R.T. -0.01 min
Lab File: VN061248.D
Acq: 2 May 2020 2:43

Tgt Ion: 97 Resp: 34608
Ion Ratio Lower Upper
97 100
99 64.8 51.3 76.9
61 50.2 38.6 57.8

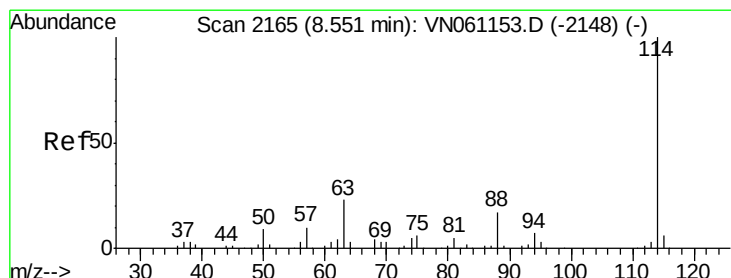
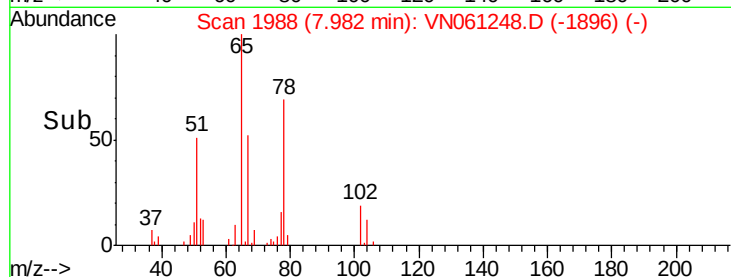
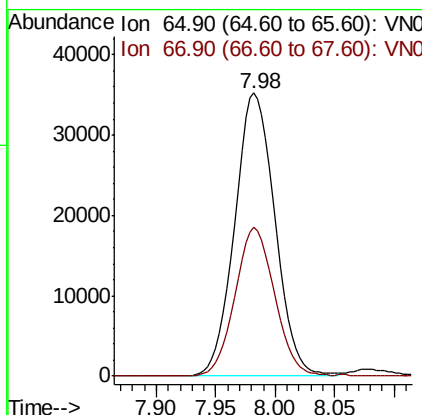
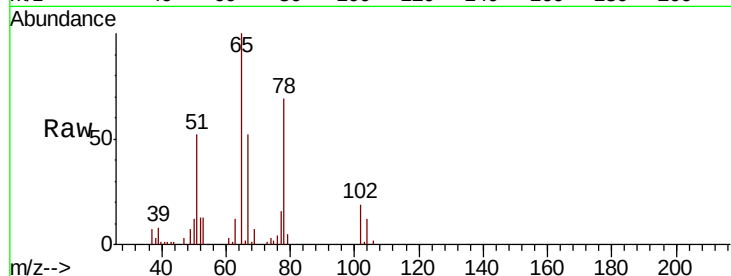




#33
 1,2-Dichloroethane-d4
 Concen: 57.765 ug/l
 RT: 7.98 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: VN061248.D
 Acq: 2 May 2020 2:43

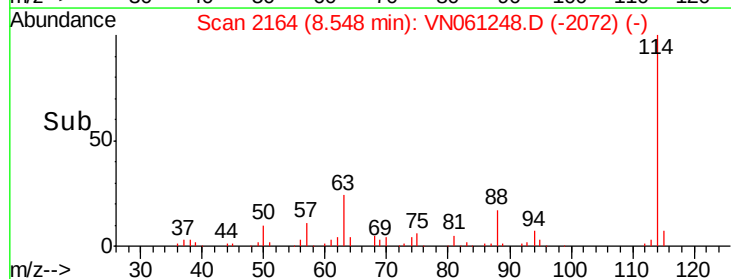
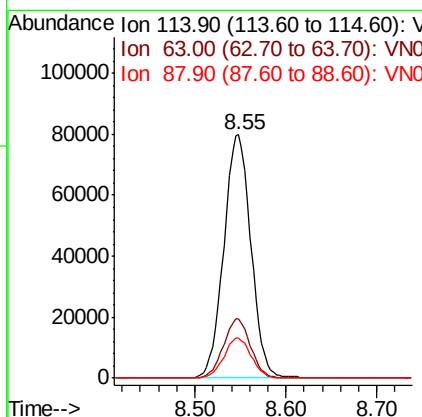
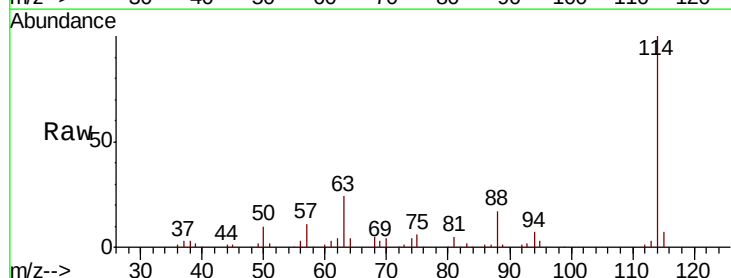
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0501WBS02

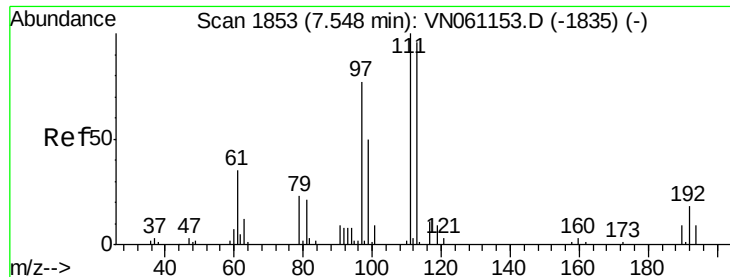
Tot Ion: 65 Resp: 82769
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061248.D
 Acq: 2 May 2020 2:43

Tgt Ion: 114 Resp: 165502
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 46.6
 88 16.5 0.0 33.4

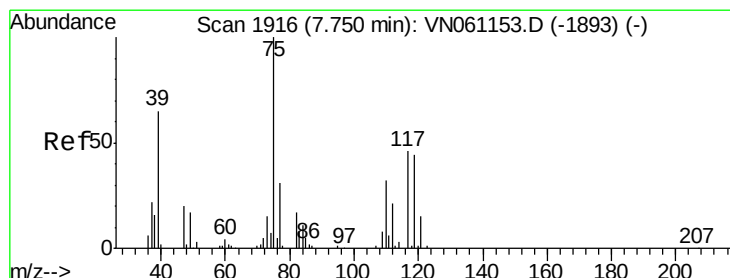
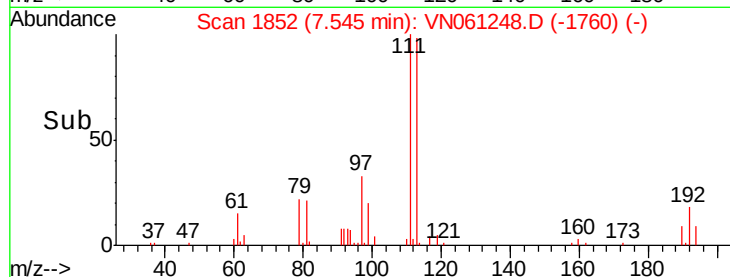
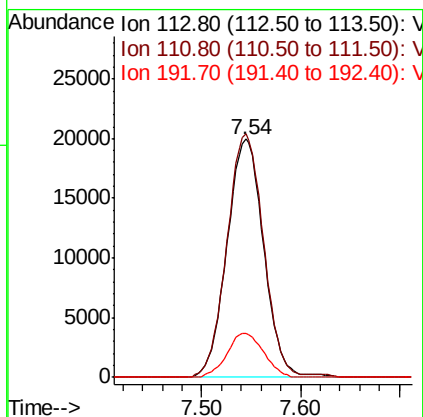
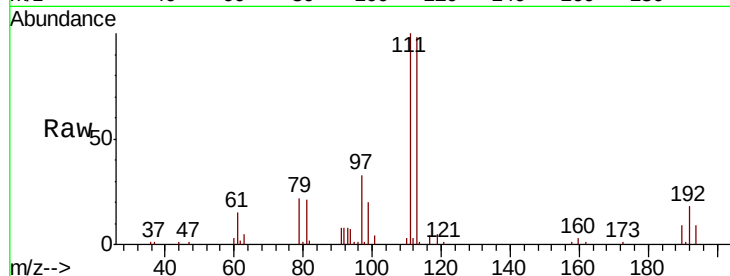




#35
 Dibromofluoromethane
 Concen: 52.767 ug/l
 RT: 7.54 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VN061248.D
 Acq: 2 May 2020 2:43

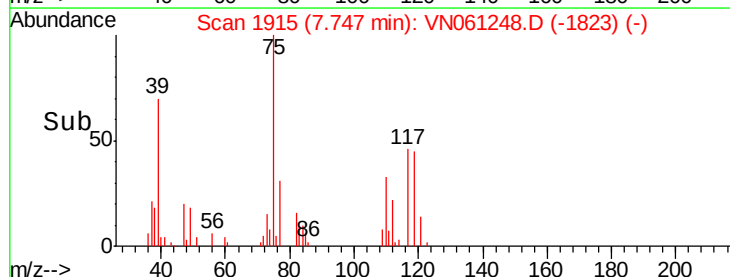
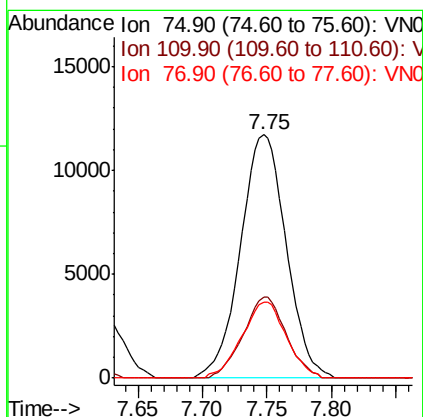
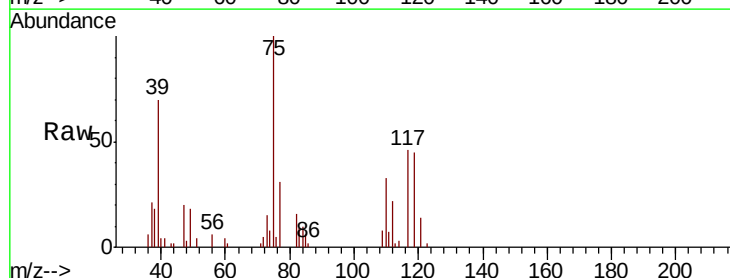
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0501WBS02

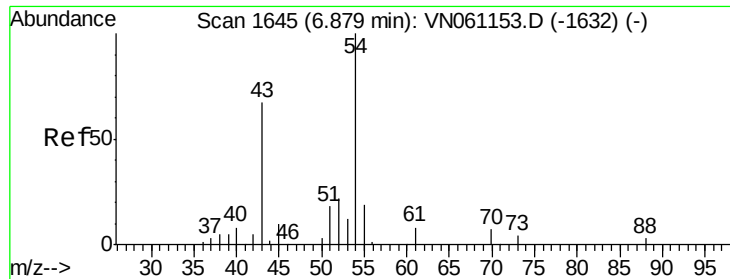
Tot Ion:113 Resp: 51641
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.9 124.3
 192 18.4 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 17.456 ug/l
 RT: 7.75 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VN061248.D
 Acq: 2 May 2020 2:43

Tgt Ion: 75 Resp: 28921
 Ion Ratio Lower Upper
 75 100
 110 31.4 16.0 48.0
 77 30.5 24.6 37.0

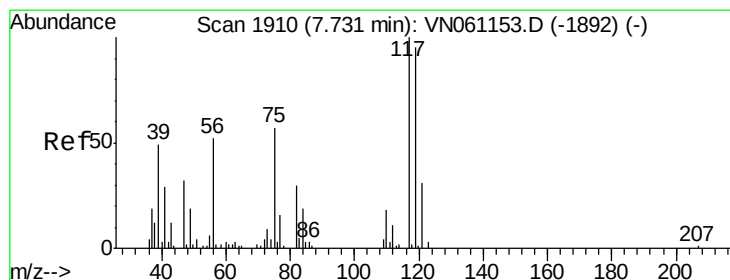
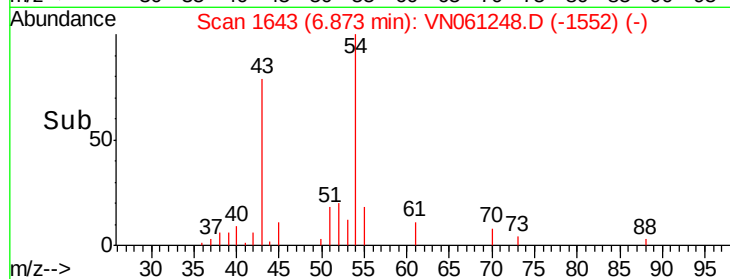
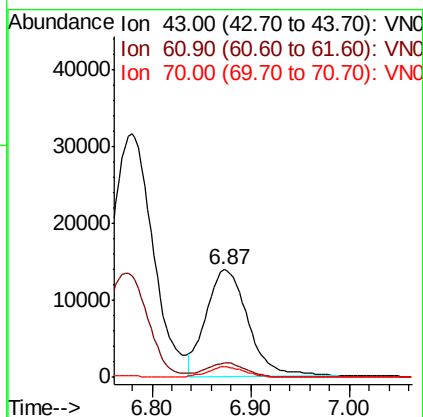
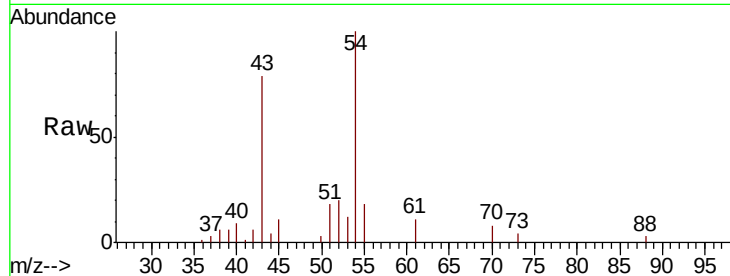




#37
Ethyl Acetate
Concen: 21.260 ug/l
RT: 6.87 min Scan# 1643
Delta R.T. -0.01 min
Lab File: VN061248.D
Acq: 2 May 2020 2:43

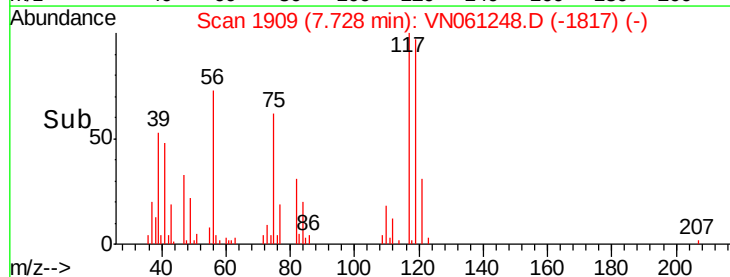
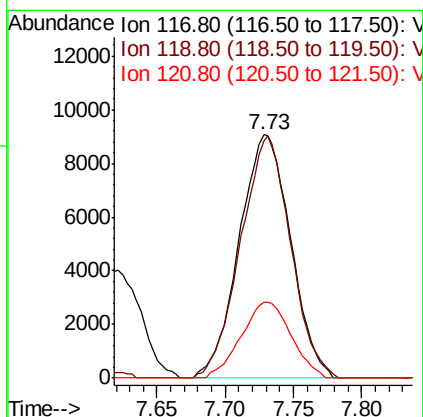
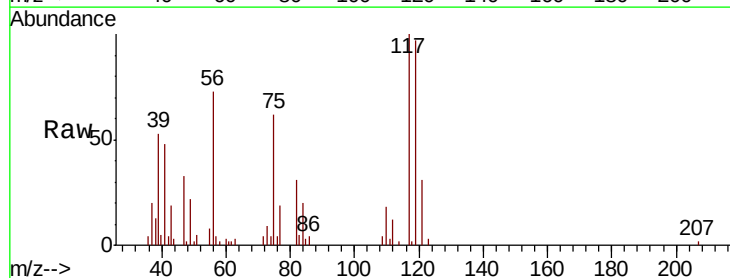
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02

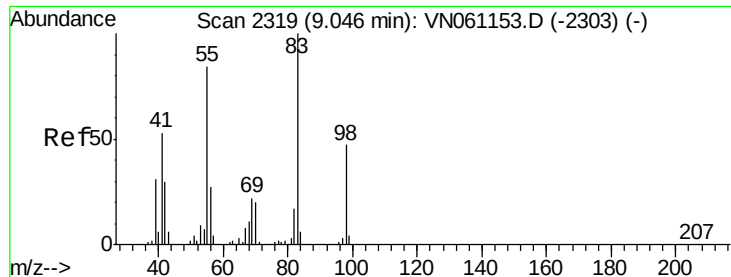
Tot Ion: 43 Resp: 41293
Ion Ratio Lower Upper
43 100
61 12.5 10.2 15.2
70 8.6 7.2 10.8



#38
Carbon Tetrachloride
Concen: 17.251 ug/l
RT: 7.73 min Scan# 1909
Delta R.T. -0.00 min
Lab File: VN061248.D
Acq: 2 May 2020 2:43

Tgt Ion: 117 Resp: 23704
Ion Ratio Lower Upper
117 100
119 97.3 75.8 113.6
121 31.0 24.7 37.1

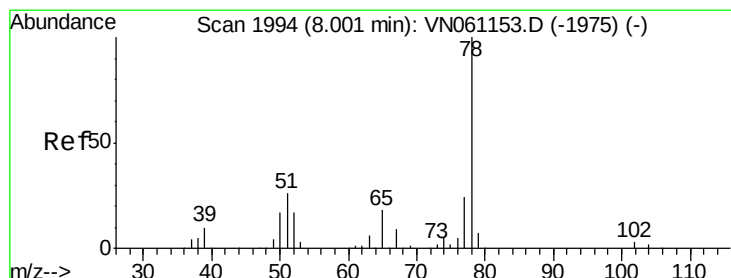
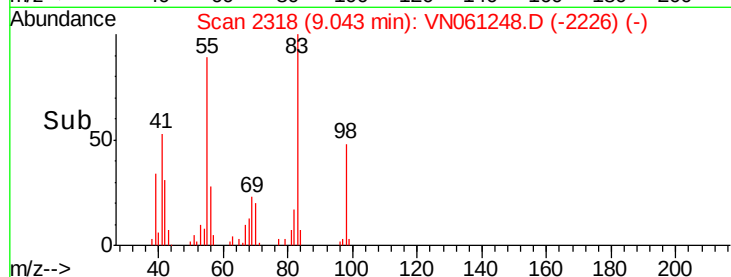
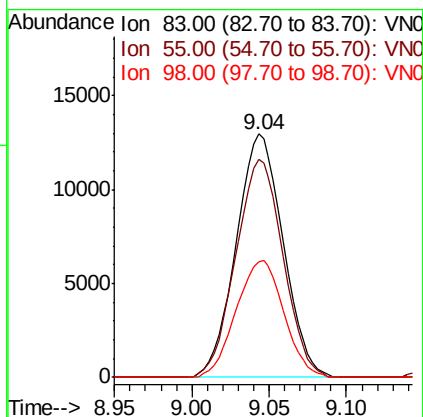
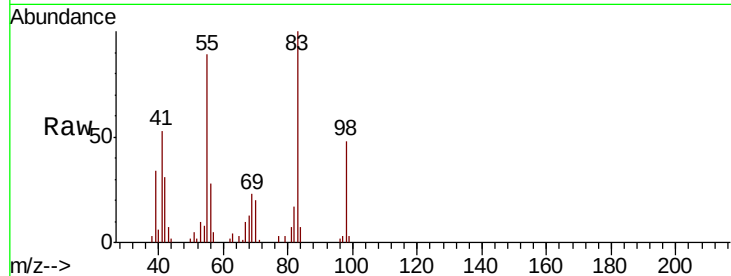




#39
Methylvlcyclohexane
Concen: 14.727 ug/l
RT: 9.04 min Scan# 2318
Delta R.T. -0.00 min
Lab File: VN061248.D
Acq: 2 May 2020 2:43

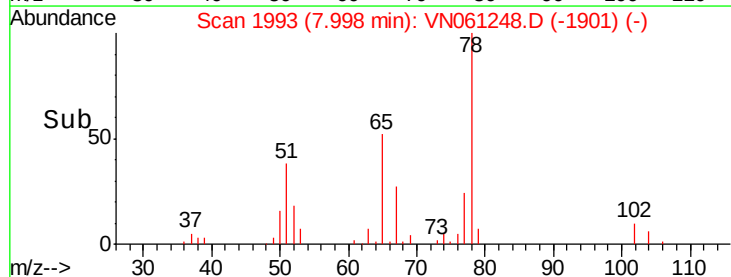
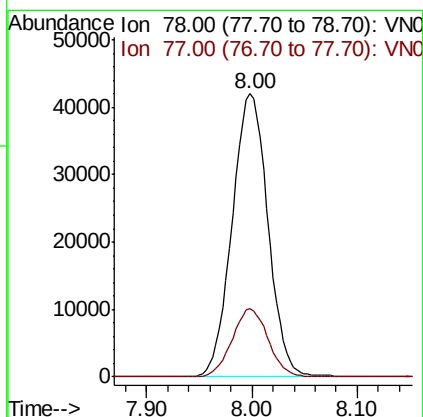
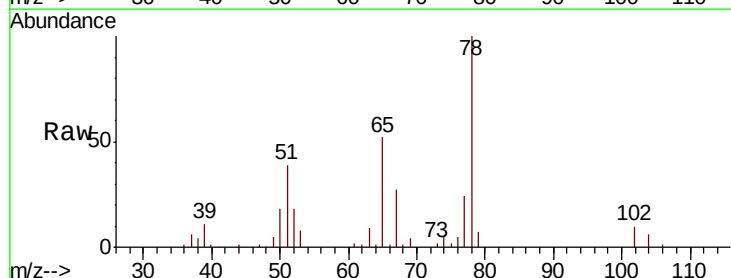
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02

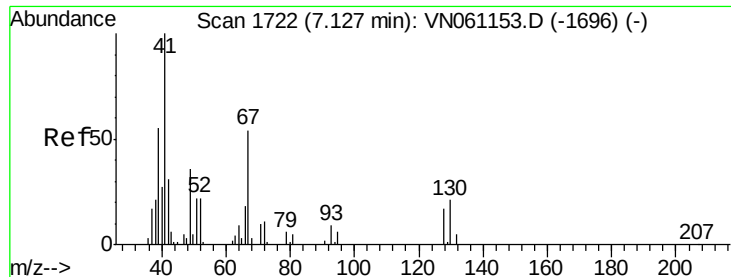
Tot Ion: 83 Resp: 27362
Ion Ratio Lower Upper
83 100
55 89.4 67.3 100.9
98 47.6 37.7 56.5



#40
Benzene
Concen: 20.068 ug/l
RT: 8.00 min Scan# 1993
Delta R.T. -0.00 min
Lab File: VN061248.D
Acq: 2 May 2020 2:43

Tgt Ion: 78 Resp: 99055
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6

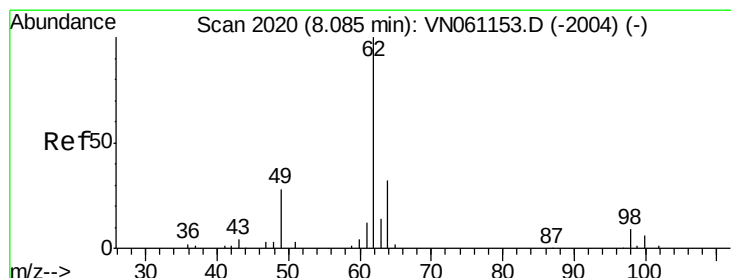
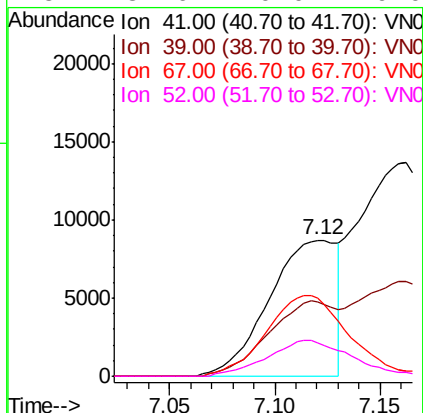
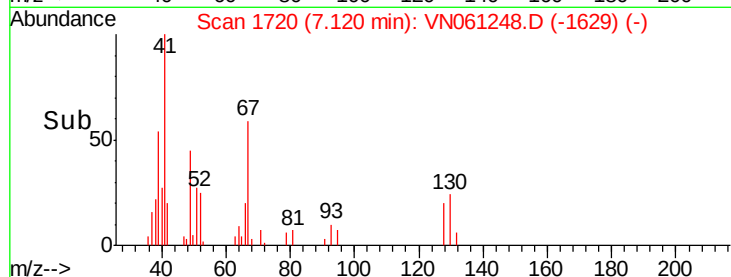
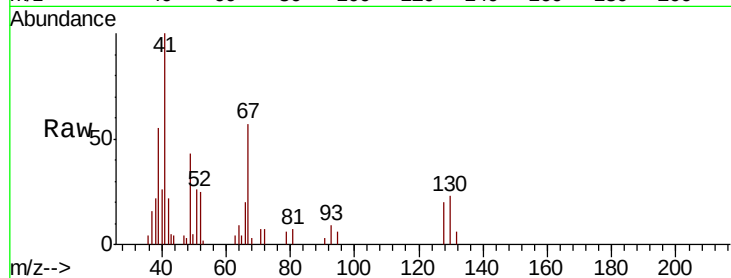




#41
Methacrylonitrile
Concen: 24.160 ug/l
RT: 7.12 min Scan# 1720
Delta R.T. -0.01 min
Lab File: VN061248.D
Acq: 2 May 2020 2:43

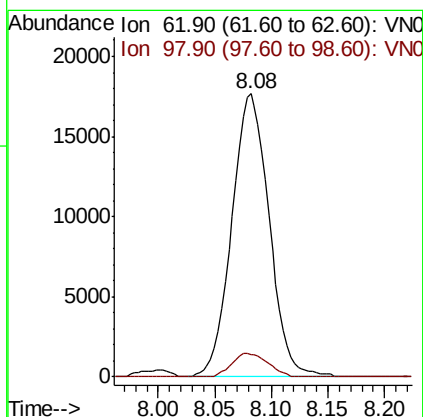
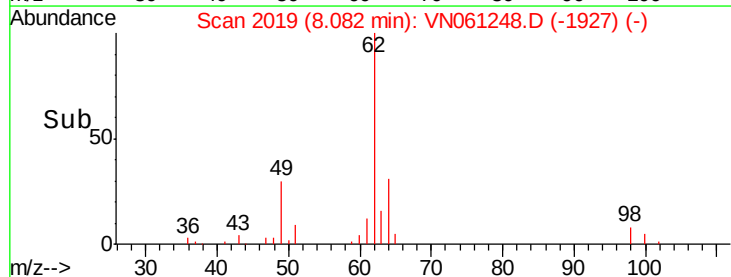
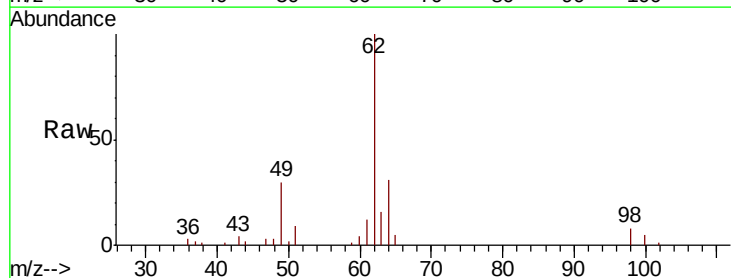
Instrument :
MSVOA_N
ClientSampled :
VN0501WBS02

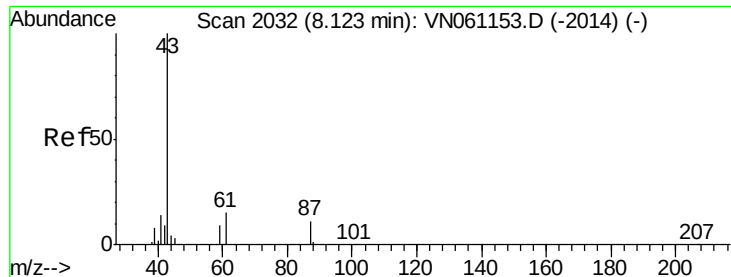
Tot Ion:	41	Resp:	19483
Ion	Ratio	Lower	Upper
41	100		
39	54.4	0.0	0.0#
67	72.2	0.0	0.0#
52	32.6	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 21.726 ug/l
RT: 8.08 min Scan# 2019
Delta R.T. -0.00 min
Lab File: VN061248.D
Acq: 2 May 2020 2:43

Tgt Ion:	62	Resp:	40626
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.8





#43

Isopropyl Acetate

Concen: 21.146 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. -0.00 min

Lab File: VN061248.D

Acq: 2 May 2020 2:43

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBS02

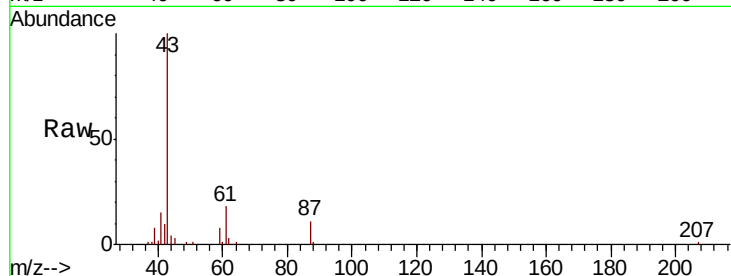
Tot Ion: 43 Resp: 68163

Ion Ratio Lower Upper

43 100

61 24.5 19.5 29.3

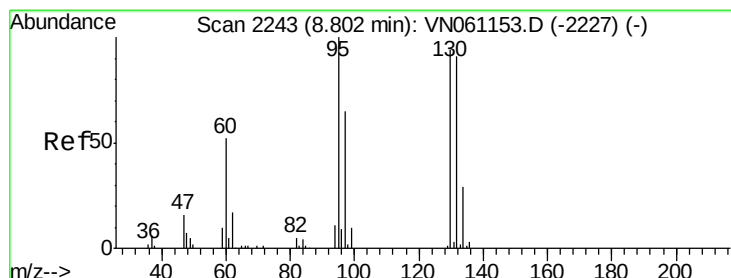
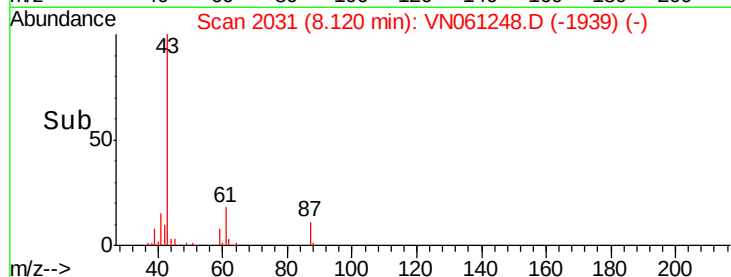
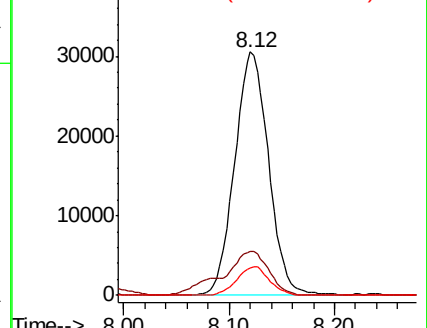
87 11.1 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2014) (-)

Ion 61.00 (60.70 to 61.70): VN061153.D (-2014) (-)

Ion 87.00 (86.70 to 87.70): VN061153.D (-2014) (-)



#44

Trichloroethene

Concen: 17.373 ug/l

RT: 8.80 min Scan# 2242

Delta R.T. -0.00 min

Lab File: VN061248.D

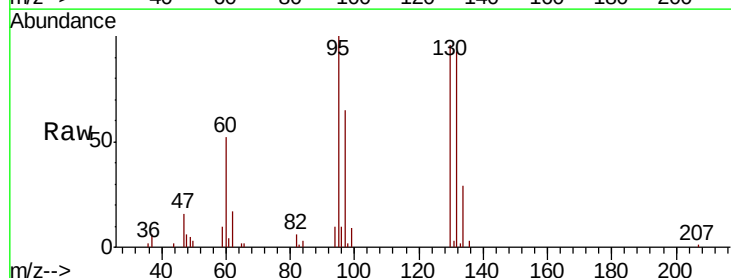
Acq: 2 May 2020 2:43

Tgt Ion: 130 Resp: 23181

Ion Ratio Lower Upper

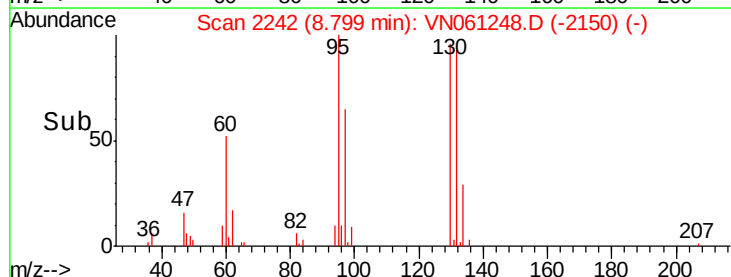
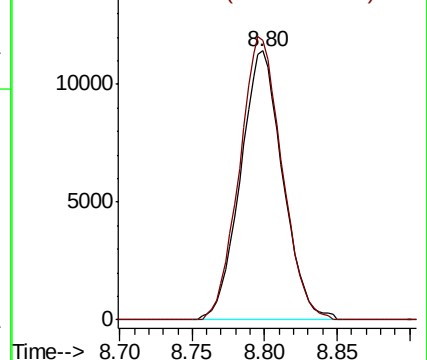
130 100

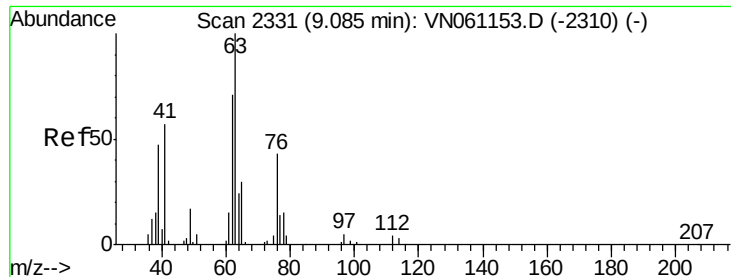
95 104.2 0.0 212.4



Abundance Ion 129.80 (129.50 to 130.50): VN061153.D (-2227) (-)

Ion 94.90 (94.60 to 95.60): VN061153.D (-2227) (-)

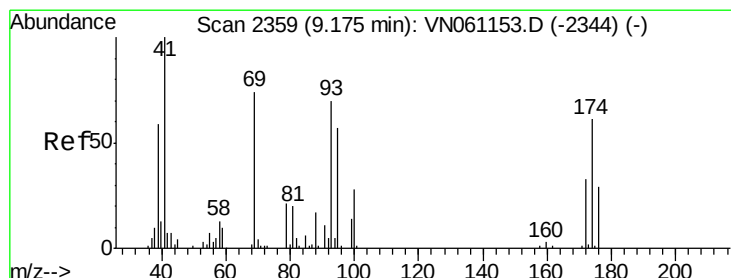
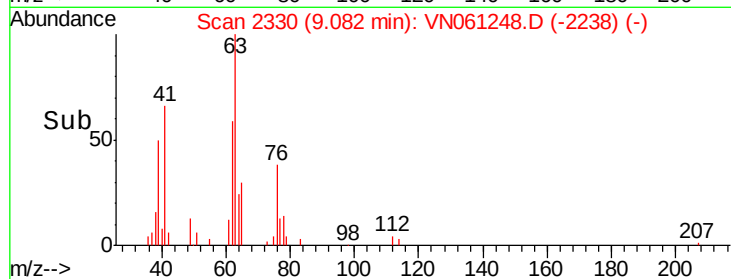
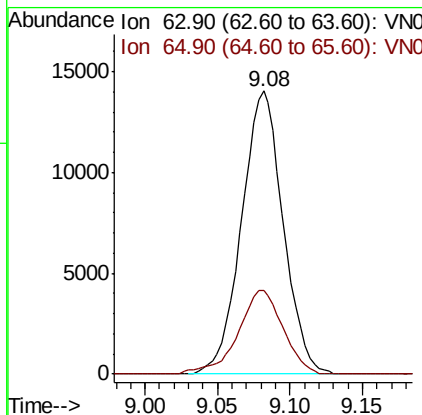
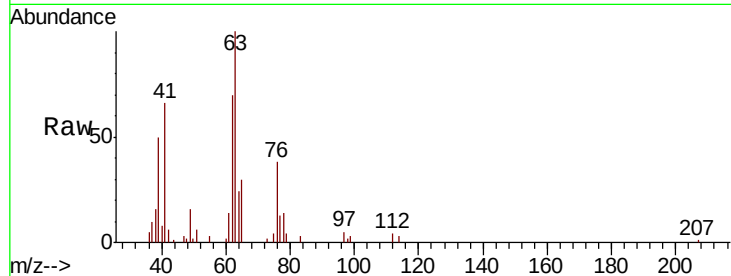




#45
 1,2-Dichloropropane
 Concen: 21.271 ug/l
 RT: 9.08 min Scan# 2330
 Delta R.T. -0.00 min
 Lab File: VN061248.D
 Acq: 2 May 2020 2:43

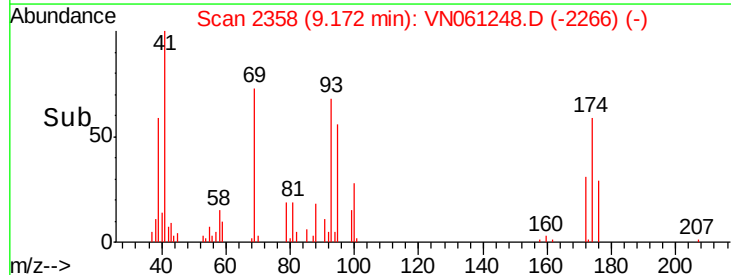
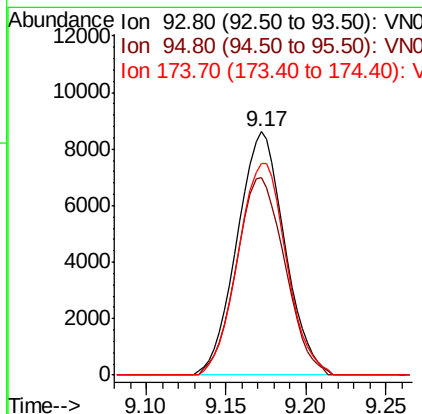
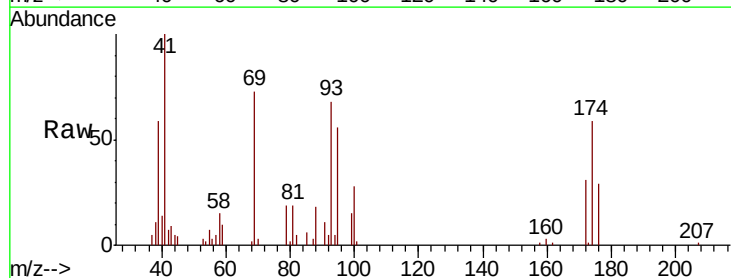
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0501WBS02

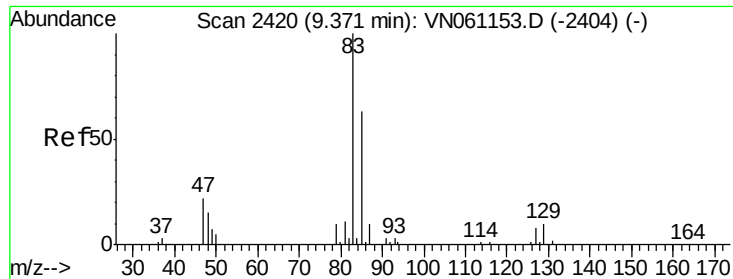
Tot Ion: 63 Resp: 28049
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.7 37.1



#46
 Dibromomethane
 Concen: 21.490 ug/l
 RT: 9.17 min Scan# 2358
 Delta R.T. -0.00 min
 Lab File: VN061248.D
 Acq: 2 May 2020 2:43

Tgt Ion: 93 Resp: 17546
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.6 99.8
 174 88.4 70.2 105.2

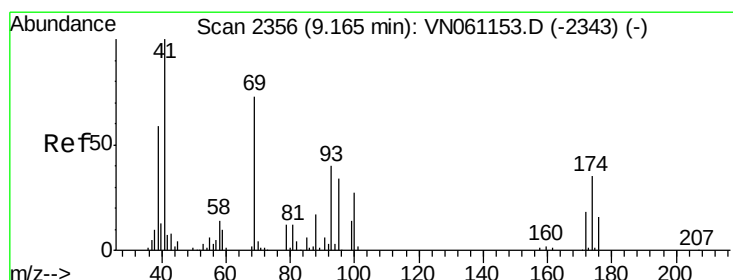
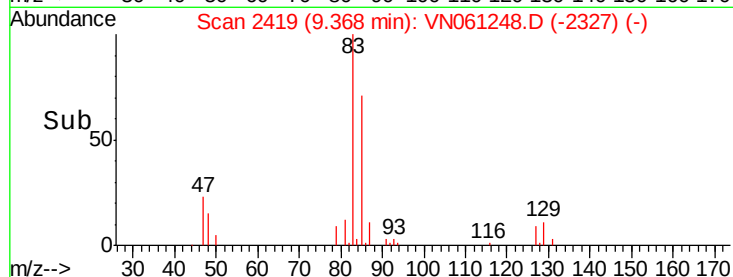
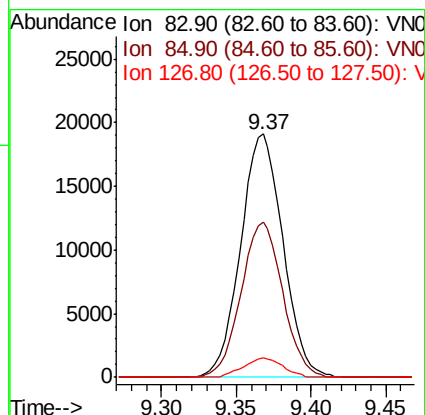
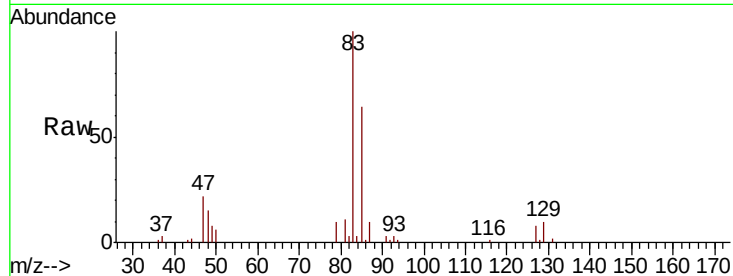




#47
Bromodichloromethane
Concen: 21.448 ug/l
RT: 9.37 min Scan# 2419
Delta R.T. -0.00 min
Lab File: VN061248.D
Acq: 2 May 2020 2:43

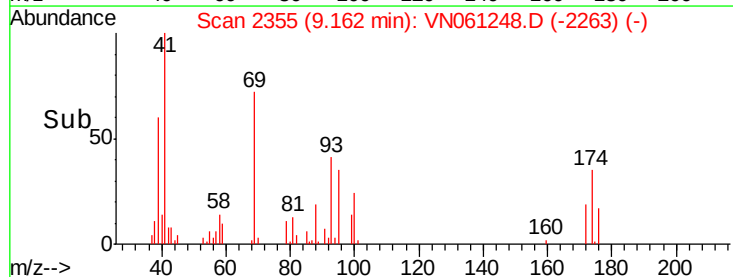
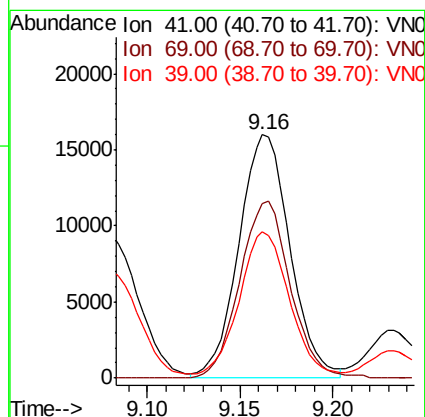
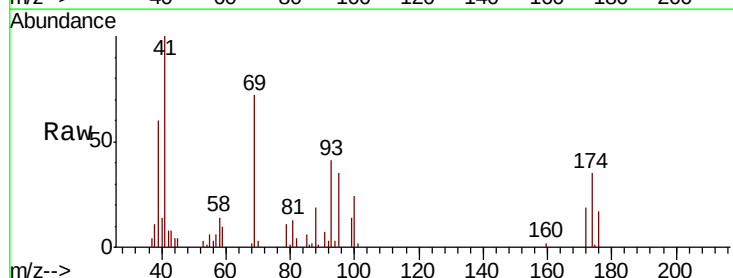
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02

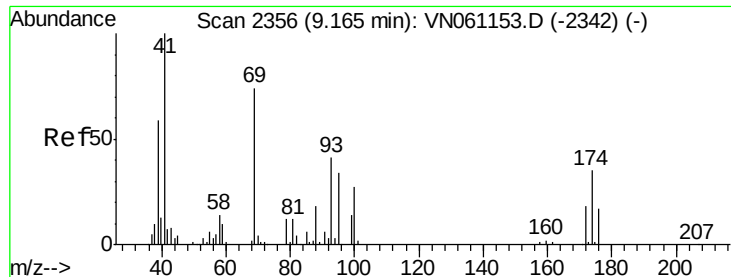
Tot Ion: 83 Resp: 37588
Ion Ratio Lower Upper
83 100
85 63.8 50.4 75.6
127 7.8 6.2 9.2



#48
Methyl methacrylate
Concen: 21.179 ug/l
RT: 9.16 min Scan# 2355
Delta R.T. -0.00 min
Lab File: VN061248.D
Acq: 2 May 2020 2:43

Tgt Ion: 41 Resp: 30807
Ion Ratio Lower Upper
41 100
69 71.9 60.3 90.5
39 60.0 47.4 71.0

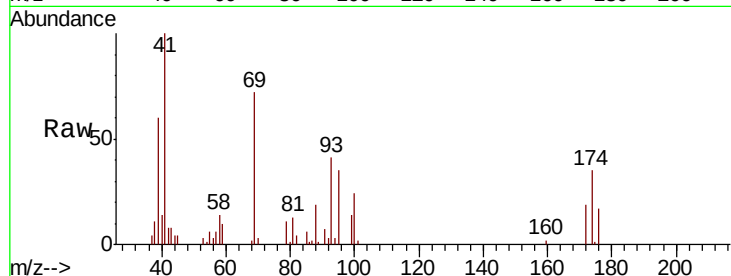




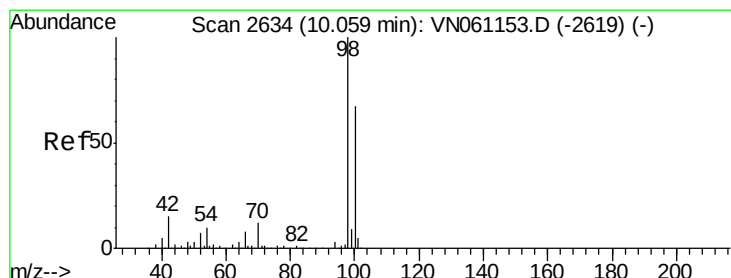
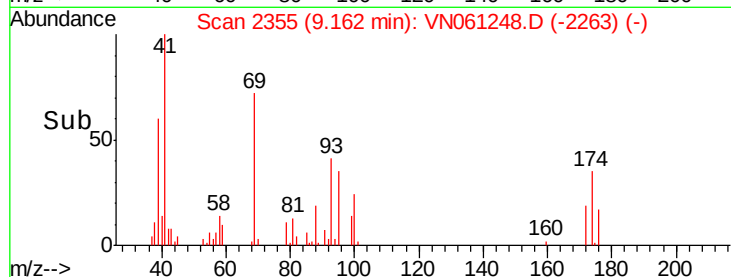
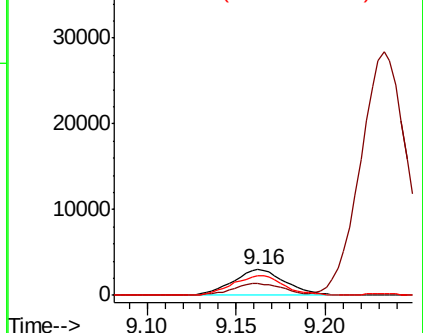
#49
1,4-Dioxane
Concen: 371.264 ug/l
RT: 9.16 min Scan# 2355
Delta R.T. -0.00 min
Lab File: VN061248.D
Acq: 2 May 2020 2:43

Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02

Tot Ion: 88 Resp: 6130
Ion Ratio Lower Upper
88 100
43 44.5 35.3 52.9
58 75.0 61.5 92.3

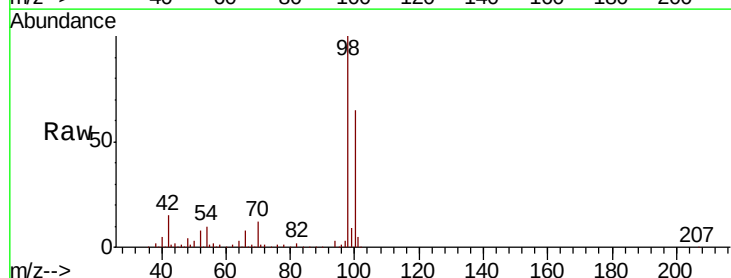


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

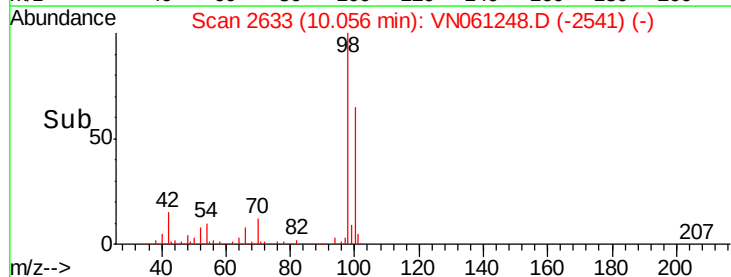
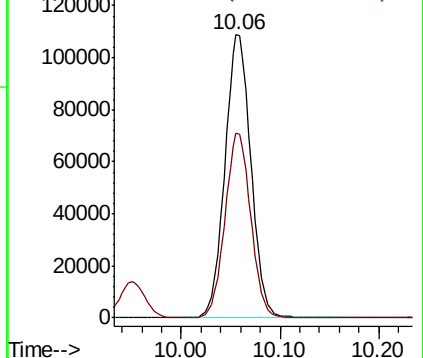


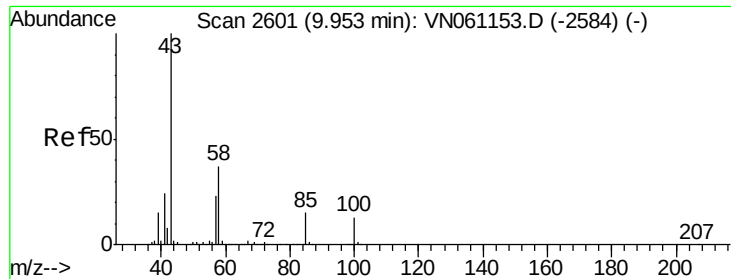
#50
Toluene-d8
Concen: 50.338 ug/l
RT: 10.06 min Scan# 2633
Delta R.T. -0.00 min
Lab File: VN061248.D
Acq: 2 May 2020 2:43

Tgt Ion: 98 Resp: 200822
Ion Ratio Lower Upper
98 100
100 64.7 53.4 80.0



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

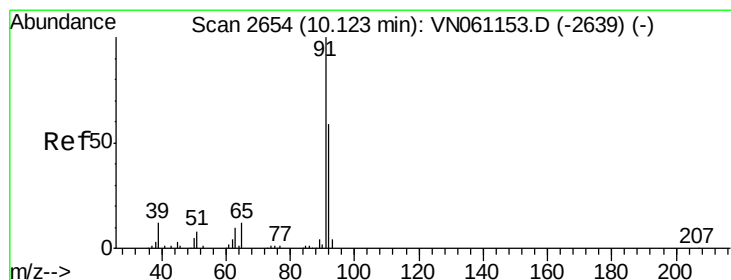
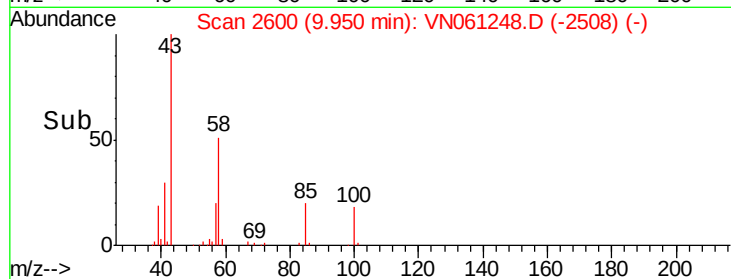
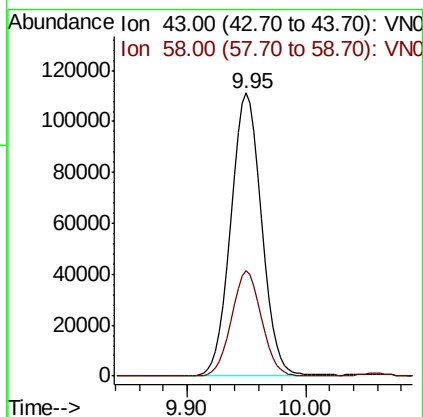
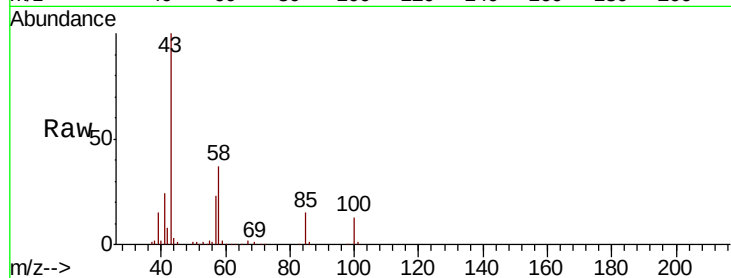




#51
 4-Methyl-2-Pentanone
 Concen: 105.510 ug/l
 RT: 9.95 min Scan# 2600
 Delta R.T. -0.00 min
 Lab File: VN061248.D
 Acq: 2 May 2020 2:43

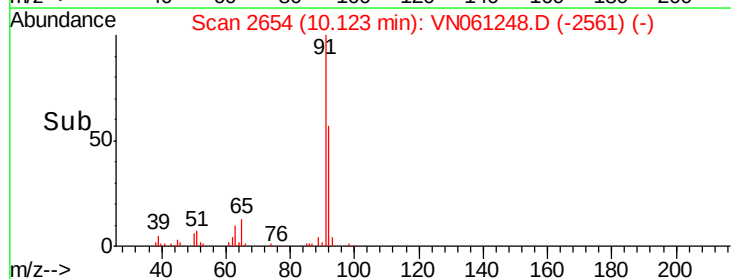
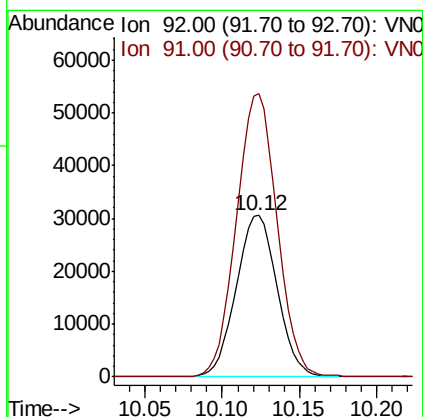
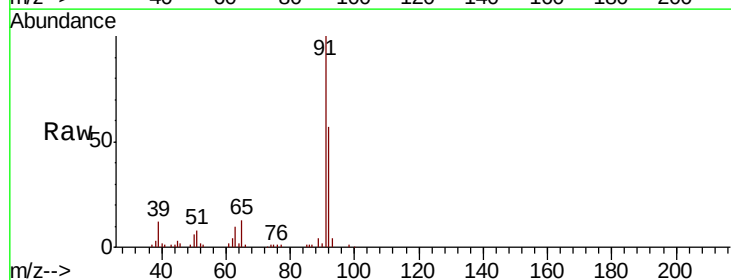
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0501WBS02

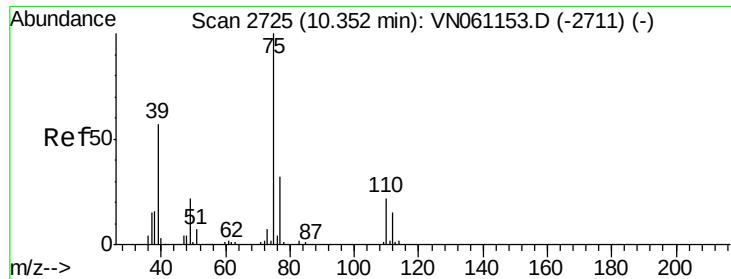
Tot Ion: 43 Resp: 200190
 Ion Ratio Lower Upper
 43 100
 58 36.3 29.1 43.7



#52
 Toluene
 Concen: 18.960 ug/l
 RT: 10.12 min Scan# 2654
 Delta R.T. 0.00 min
 Lab File: VN061248.D
 Acq: 2 May 2020 2:43

Tgt Ion: 92 Resp: 56370
 Ion Ratio Lower Upper
 92 100
 91 174.4 136.2 204.2

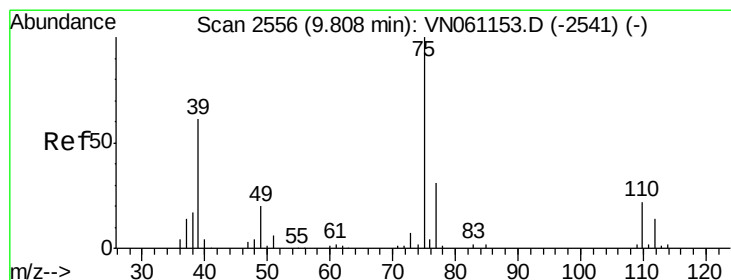
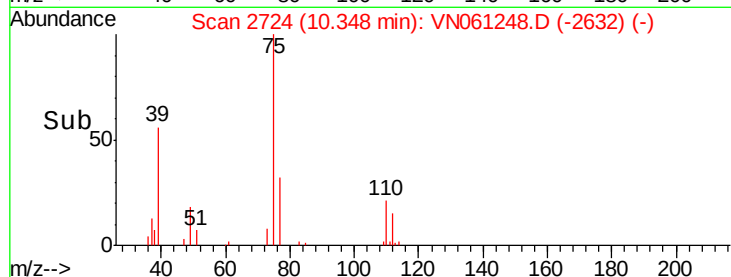
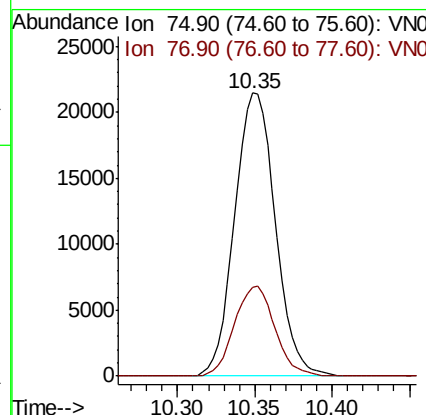
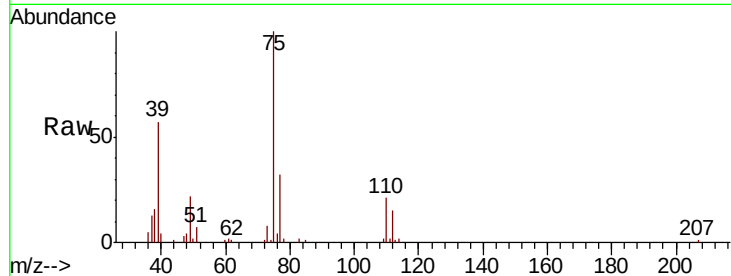




#53
 t-1,3-Dichloropropene
 Concen: 19.878 ug/l
 RT: 10.35 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061248.D
 Acq: 2 May 2020 2:43

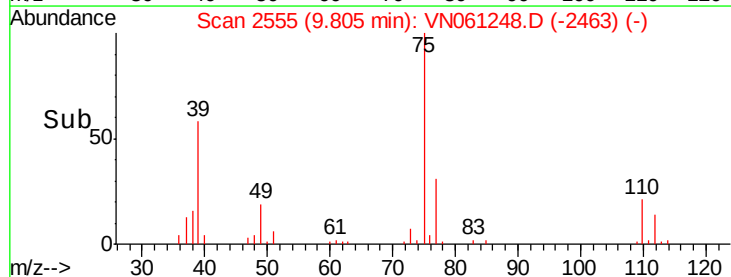
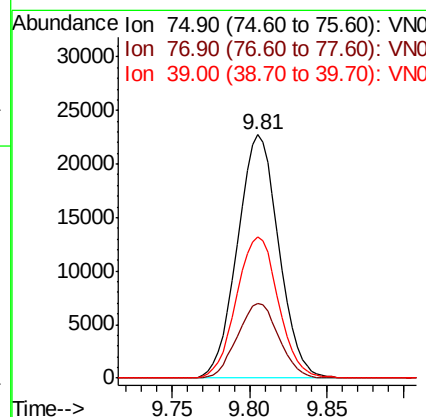
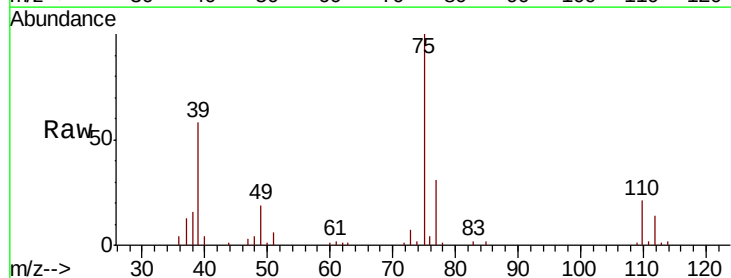
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0501WBS02

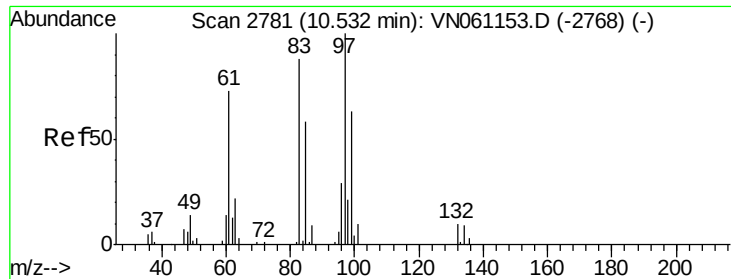
Tot Ion: 75 Resp: 39253
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 20.270 ug/l
 RT: 9.81 min Scan# 2555
 Delta R.T. -0.00 min
 Lab File: VN061248.D
 Acq: 2 May 2020 2:43

Tgt Ion: 75 Resp: 42316
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.0 37.4
 39 58.1 48.7 73.1





#55

1,1,2-Trichloroethane

Concen: 21.049 ug/l

RT: 10.53 min Scan# 2781

Delta R.T. 0.00 min

Lab File: VN061248.D

Acq: 2 May 2020 2:43

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBS02

Tot Ion: 97 Resp: 24961

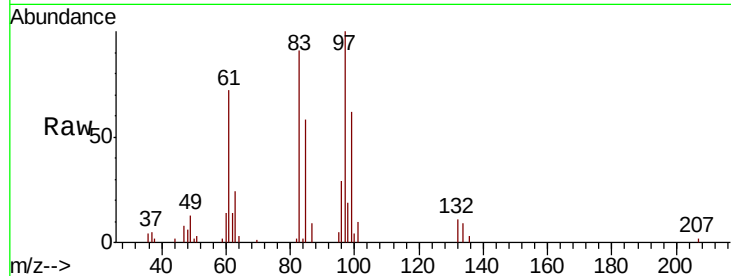
Ion Ratio Lower Upper

97 100

83 90.6 70.6 106.0

85 58.0 46.4 69.6

99 62.4 50.6 75.8



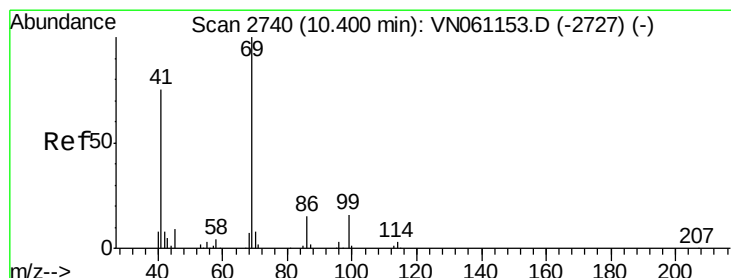
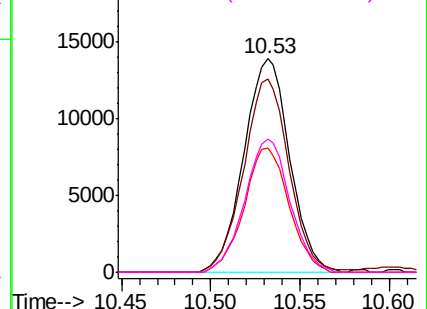
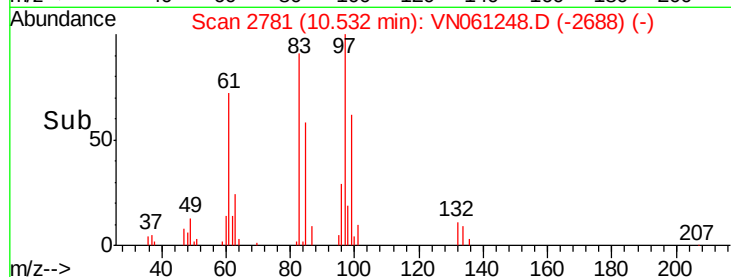
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.635 ug/l

RT: 10.40 min Scan# 2739

Delta R.T. -0.00 min

Lab File: VN061248.D

Acq: 2 May 2020 2:43

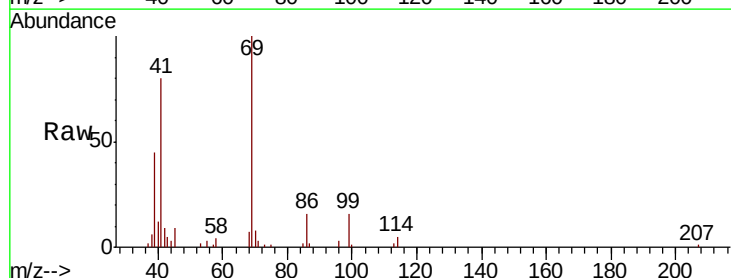
Tgt Ion: 69 Resp: 36956

Ion Ratio Lower Upper

69 100

41 79.7 60.3 90.5

39 46.7 35.9 53.9

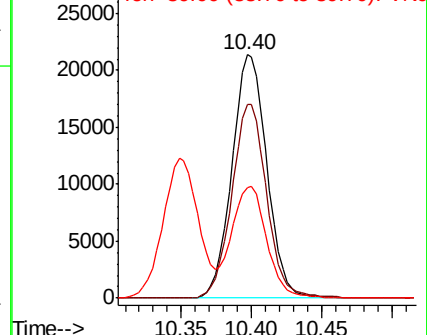
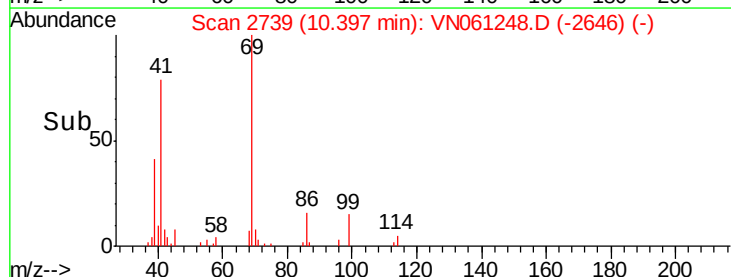


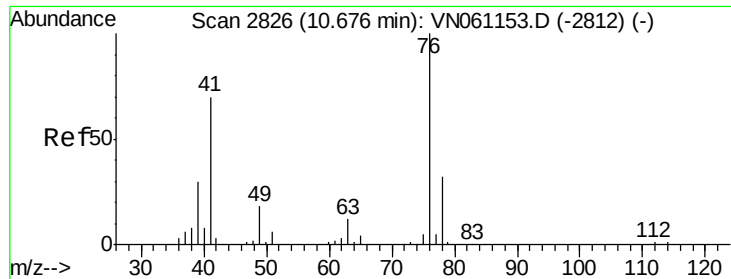
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 21.707 ug/l

RT: 10.68 min Scan# 2826

Delta R.T. 0.00 min

Lab File: VN061248.D

Acq: 2 May 2020 2:43

Instrument :

MSVOA_N

ClientSampleId :

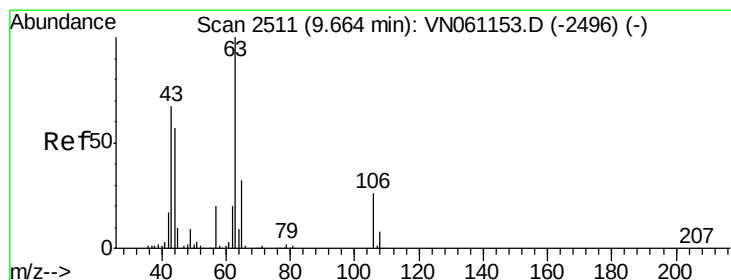
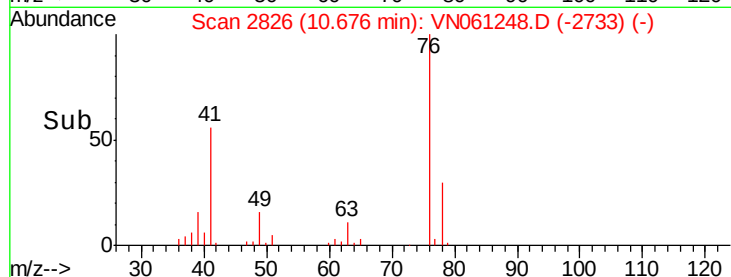
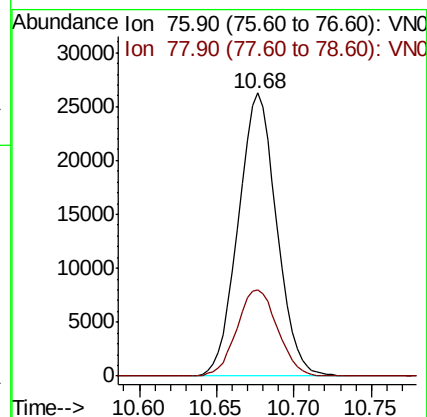
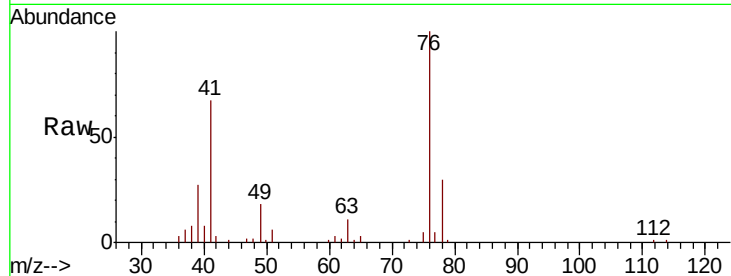
VN0501WBS02

Tot Ion: 76 Resp: 45247

Ion Ratio Lower Upper

76 100

78 32.3 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 96.828 ug/l

RT: 9.66 min Scan# 2510

Delta R.T. -0.00 min

Lab File: VN061248.D

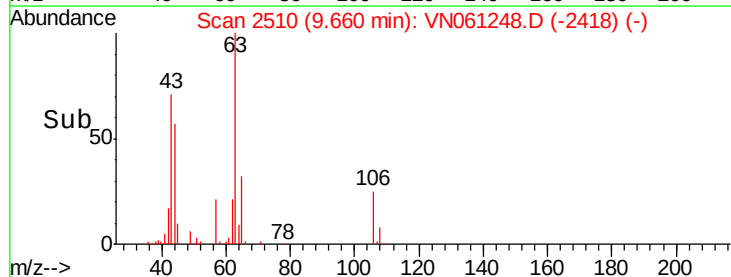
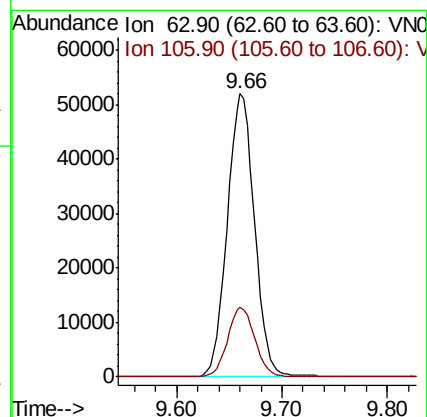
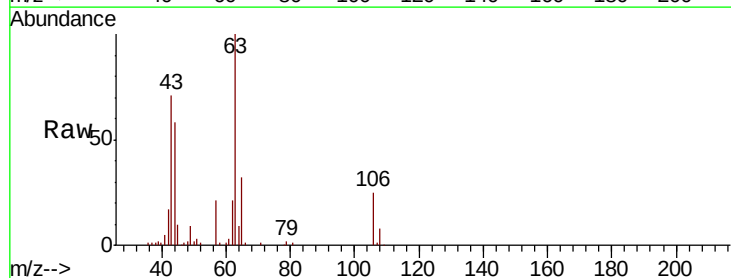
Acq: 2 May 2020 2:43

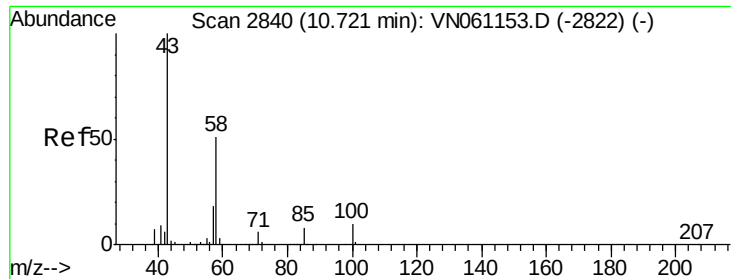
Tgt Ion: 63 Resp: 92944

Ion Ratio Lower Upper

63 100

106 24.5 20.6 30.8

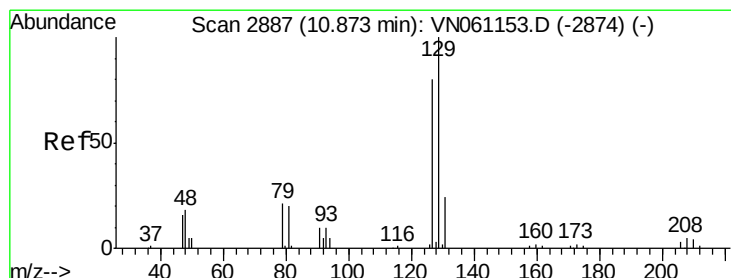
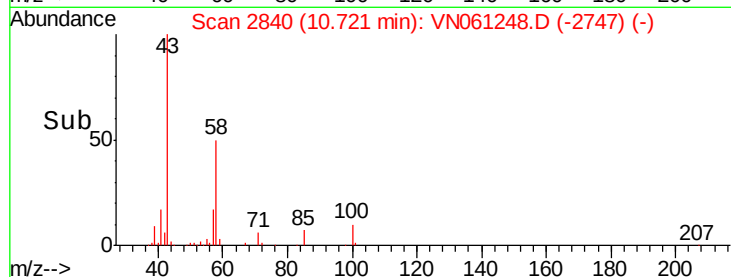
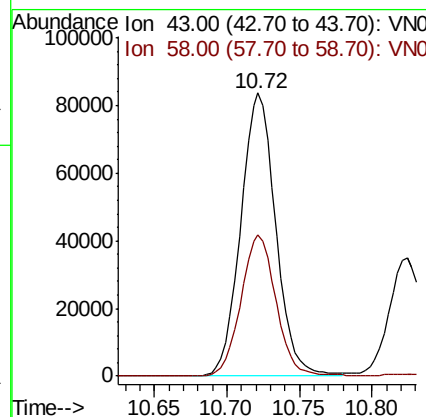
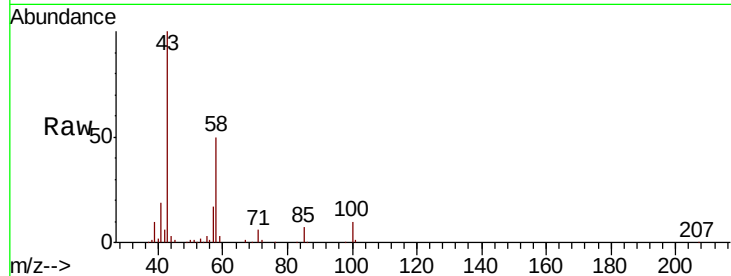




#59
2-Hexanone
Concen: 101.546 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061248.D
Acq: 2 May 2020 2:43

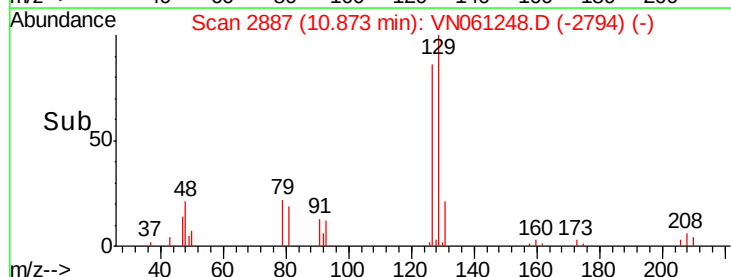
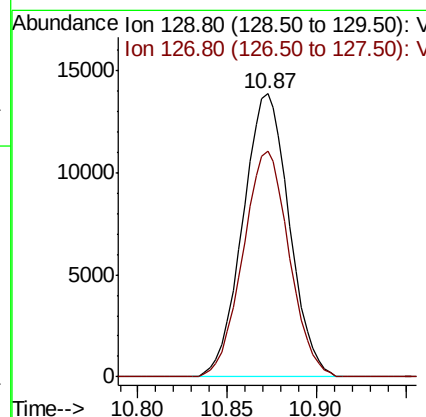
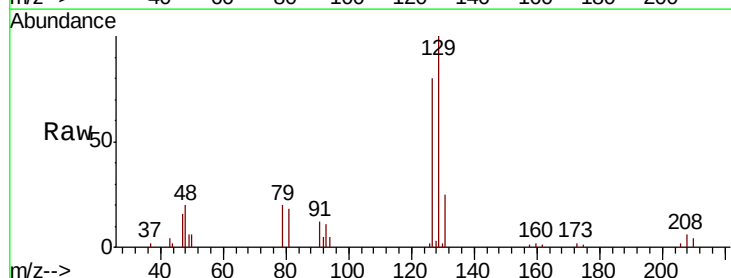
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02

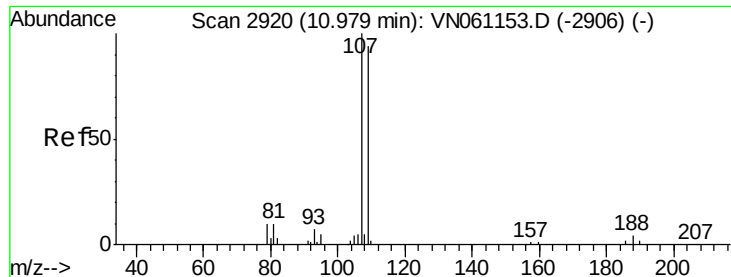
Tot Ion: 43 Resp: 140170
Ion Ratio Lower Upper
43 100
58 50.1 25.4 76.4



#60
Dibromochloromethane
Concen: 20.305 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061248.D
Acq: 2 May 2020 2:43

Tgt Ion: 129 Resp: 25219
Ion Ratio Lower Upper
129 100
127 79.3 39.3 117.8

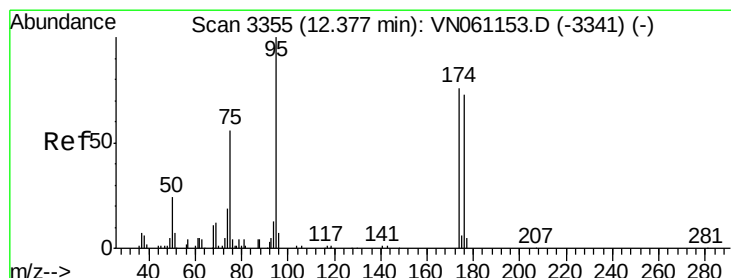
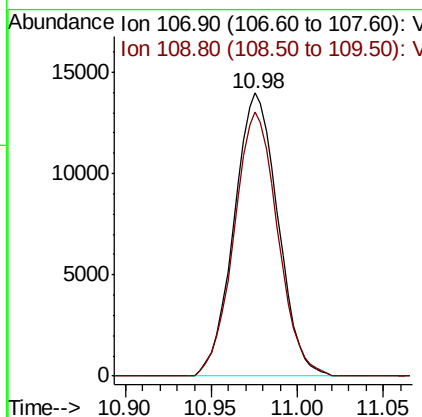
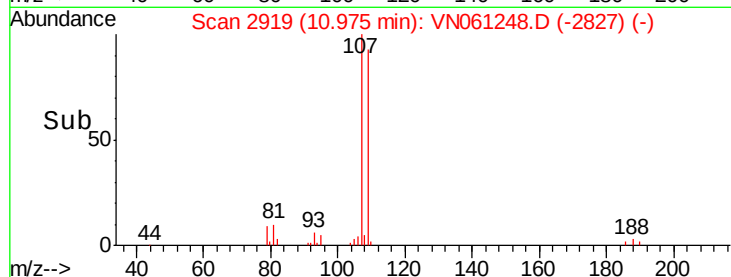
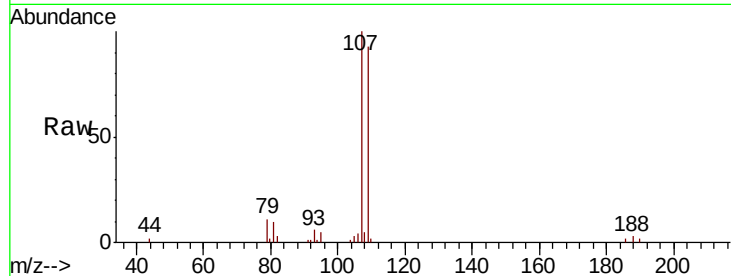




#61
 1,2-Dibromoethane
 Concen: 20.893 ug/l
 RT: 10.98 min Scan# 2919
 Delta R.T. -0.00 min
 Lab File: VN061248.D
 Acq: 2 May 2020 2:43

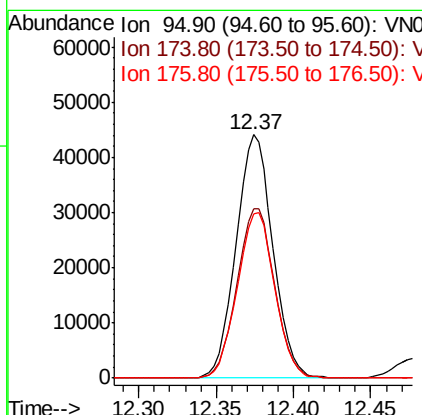
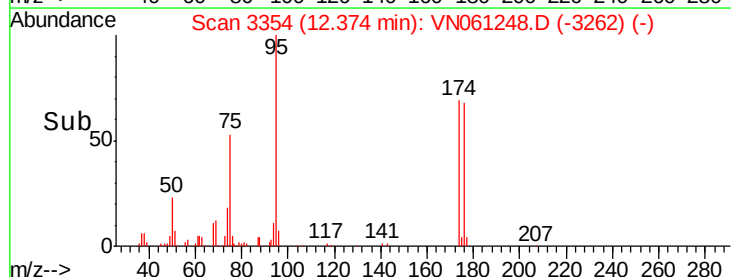
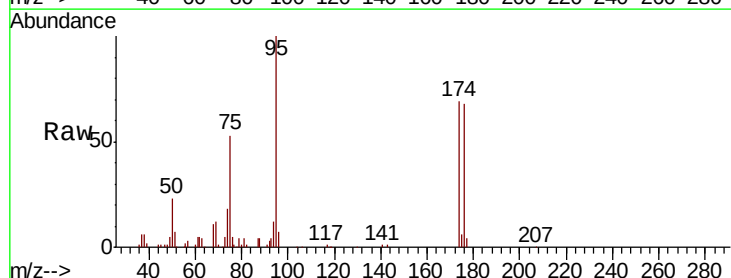
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0501WBS02

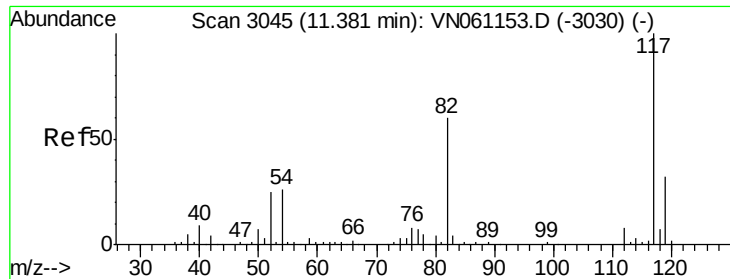
Tot Ion:107 Resp: 24833
 Ion Ratio Lower Upper
 107 100
 109 92.8 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 48.544 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN061248.D
 Acq: 2 May 2020 2:43

Tgt Ion: 95 Resp: 72880
 Ion Ratio Lower Upper
 95 100
 174 71.1 0.0 149.4
 176 69.2 0.0 144.8

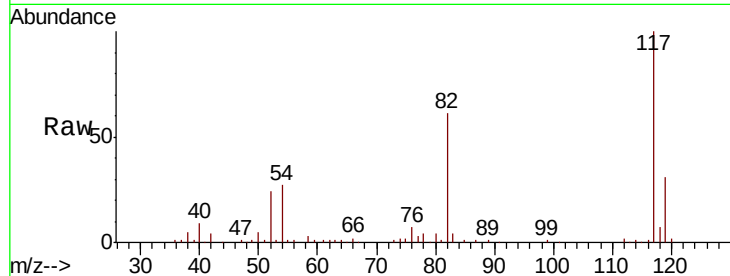




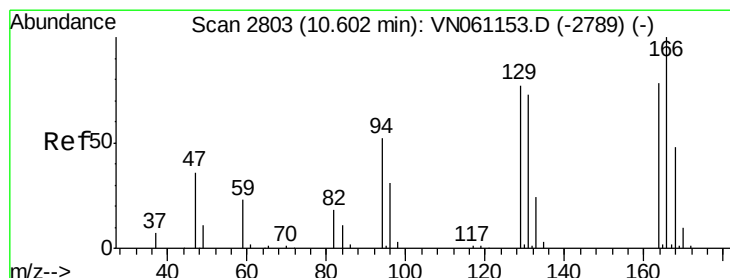
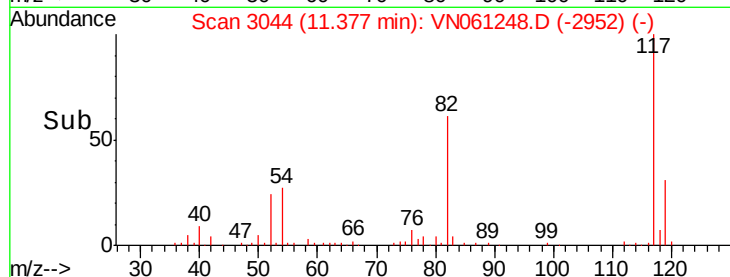
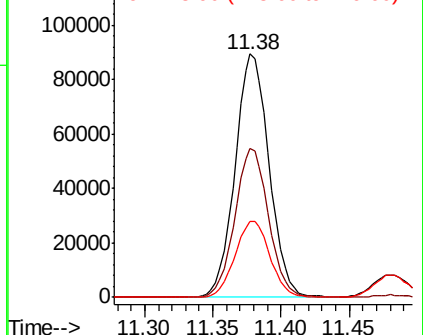
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3044
Delta R.T. -0.00 min
Lab File: VN061248.D
Acq: 2 May 2020 2:43

Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02

Tot Ion:117 Resp: 154712
Ion Ratio Lower Upper
117 100
82 61.1 47.8 71.8
119 31.2 25.8 38.6

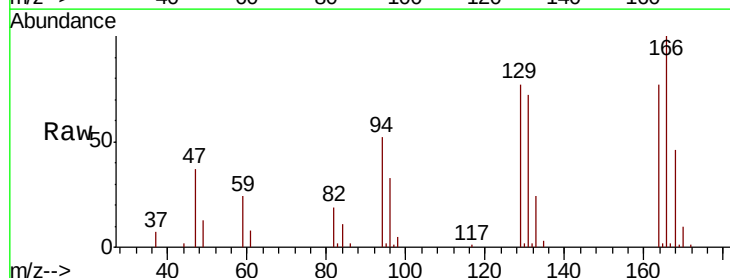


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

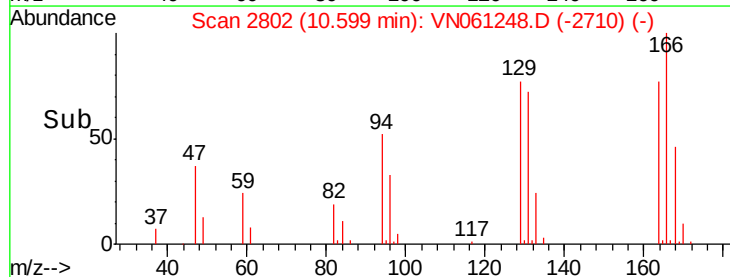
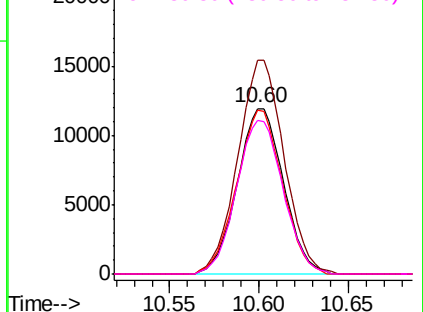


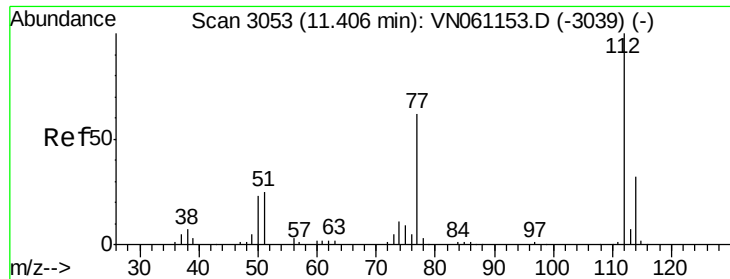
#64
Tetrachloroethene
Concen: 16.038 ug/l
RT: 10.60 min Scan# 2802
Delta R.T. -0.00 min
Lab File: VN061248.D
Acq: 2 May 2020 2:43

Tgt Ion:164 Resp: 21491
Ion Ratio Lower Upper
164 100
166 129.1 102.0 153.0
129 99.4 78.2 117.2
131 92.8 74.5 111.7



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

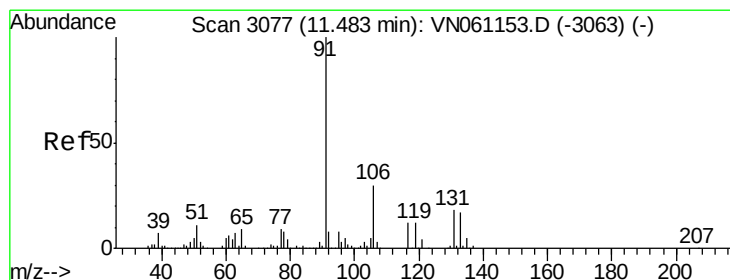
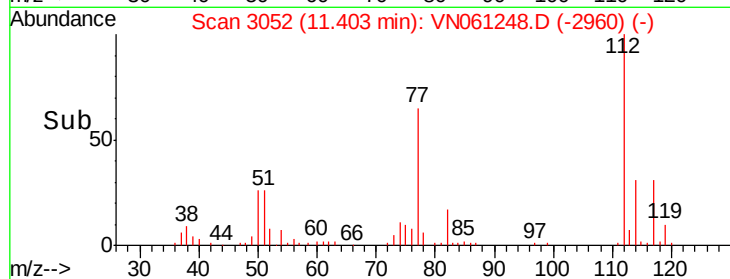
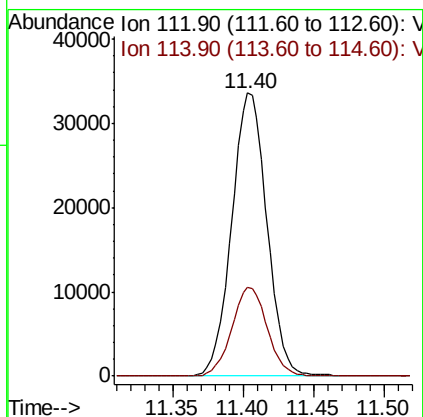
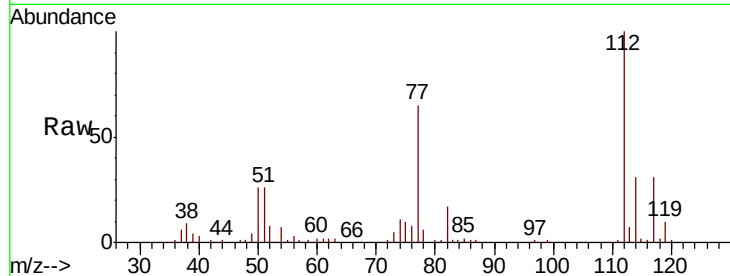




#65
Chlorobenzene
Concen: 19.092 ug/l
RT: 11.40 min Scan# 3052
Delta R.T. -0.00 min
Lab File: VN061248.D
Acq: 2 May 2020 2:43

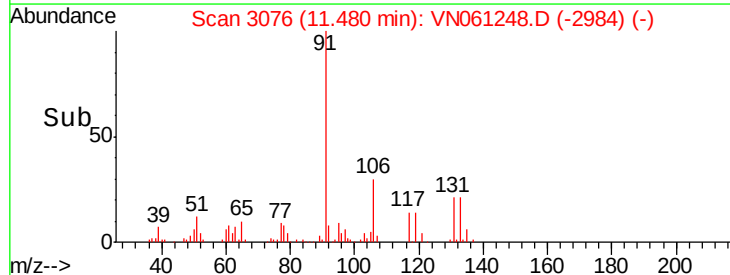
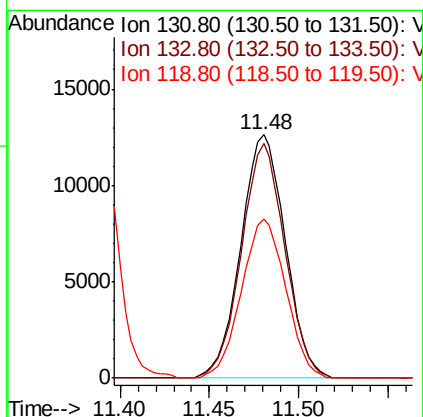
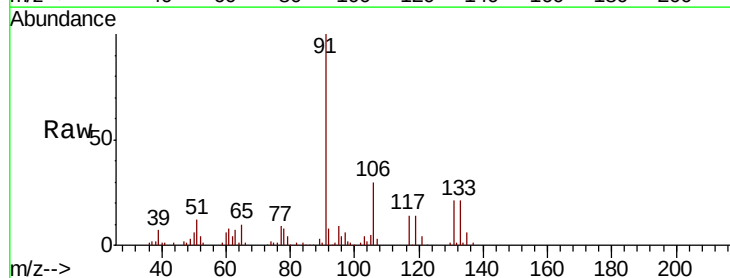
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02

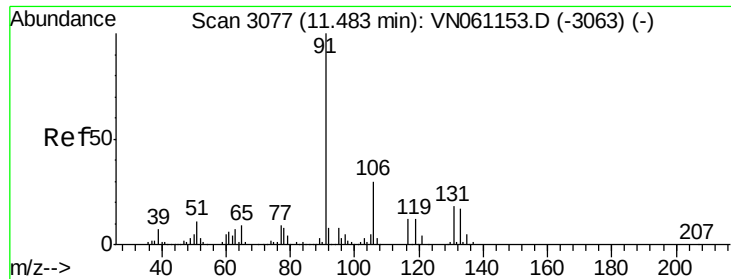
Tot Ion:112 Resp: 58593
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.063 ug/l
RT: 11.48 min Scan# 3076
Delta R.T. -0.00 min
Lab File: VN061248.D
Acq: 2 May 2020 2:43

Tgt Ion:131 Resp: 22038
Ion Ratio Lower Upper
131 100
133 94.4 48.0 144.2
119 65.2 32.6 97.8

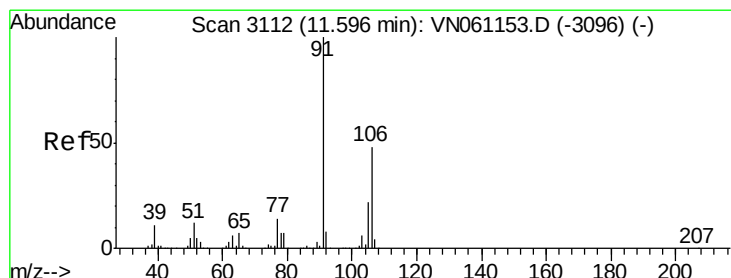
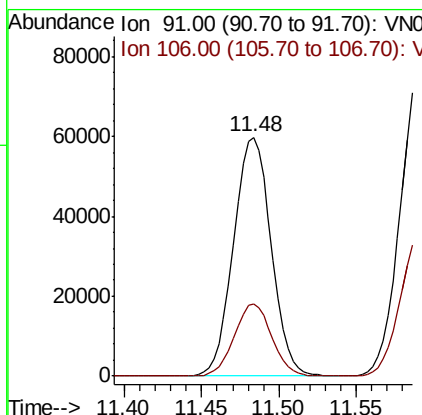
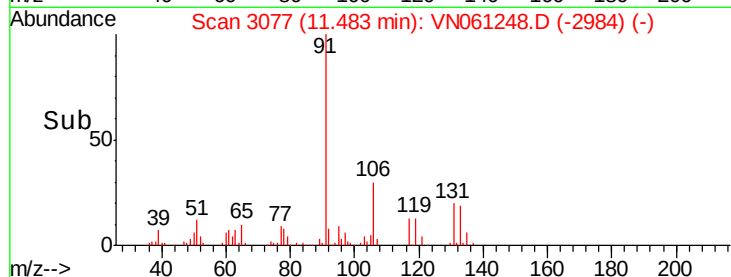
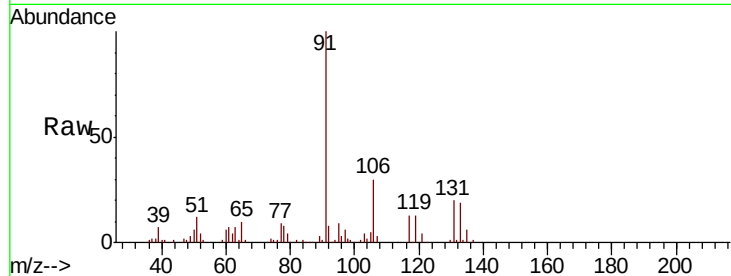




#67
Ethyl Benzene
Concen: 17.549 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061248.D
Acq: 2 May 2020 2:43

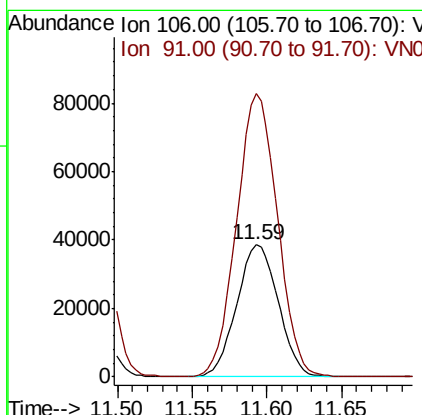
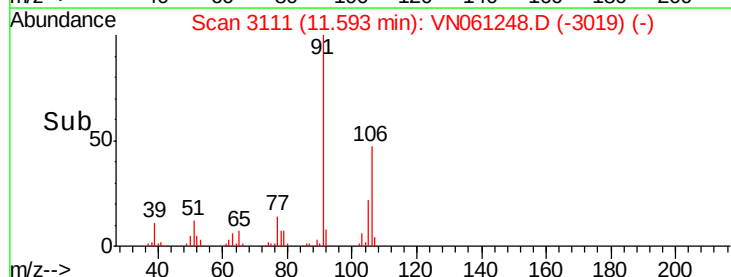
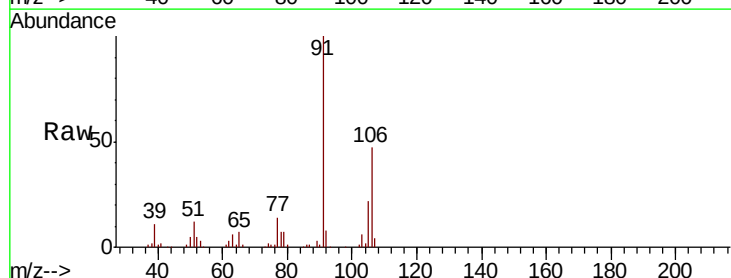
Instrument :
MSVOA_N
ClientSampled :
VN0501WBS02

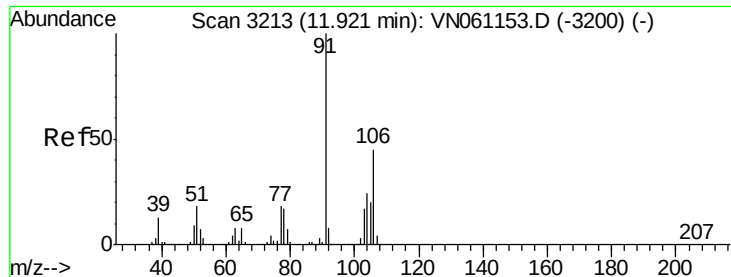
Tot Ion: 91 Resp: 100818
Ion Ratio Lower Upper
91 100
106 30.3 23.8 35.6



#68
m/p-Xylenes
Concen: 35.500 ug/l
RT: 11.59 min Scan# 3111
Delta R.T. -0.00 min
Lab File: VN061248.D
Acq: 2 May 2020 2:43

Tgt Ion: 106 Resp: 74652
Ion Ratio Lower Upper
106 100
91 211.2 166.4 249.6

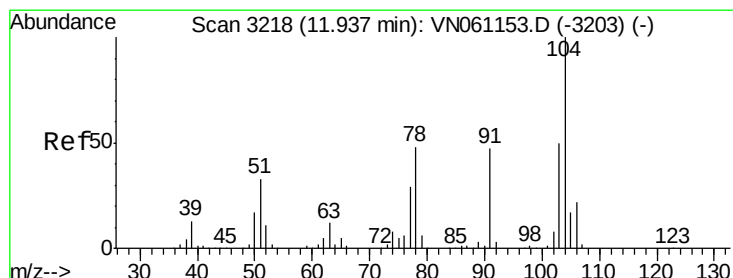
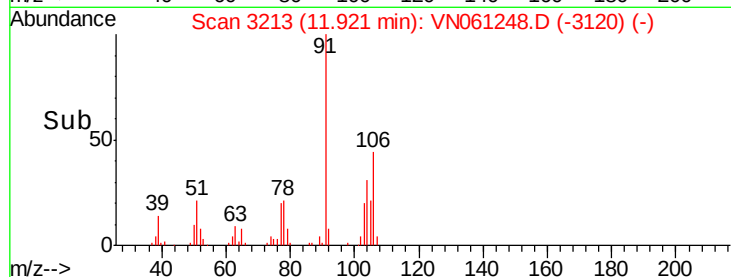
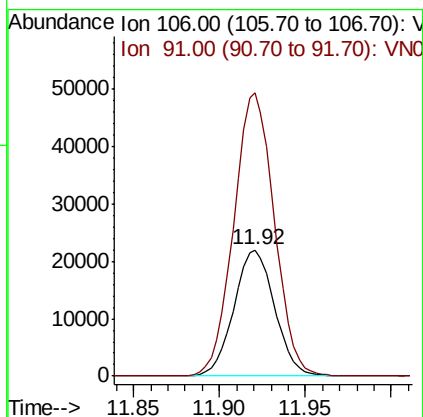
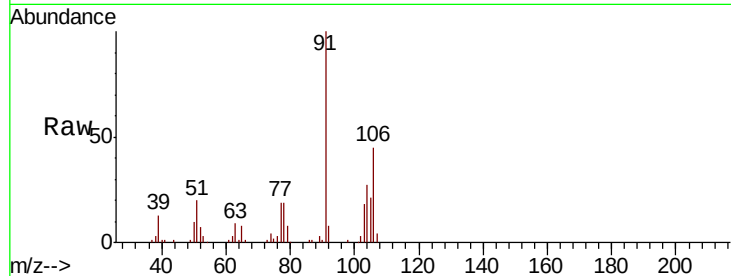




#69
o-Xylene
Concen: 17.861 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061248.D
Acq: 2 May 2020 2:43

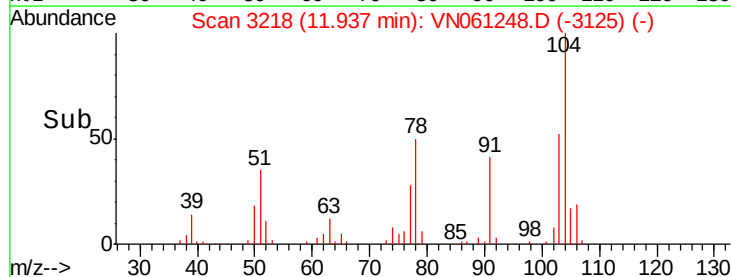
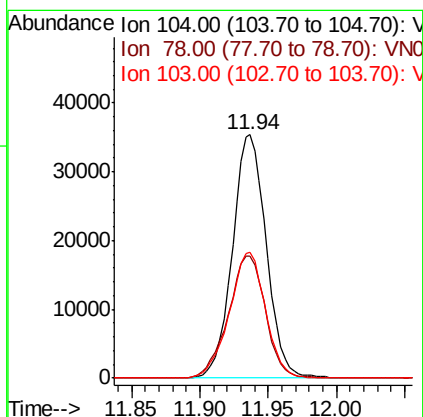
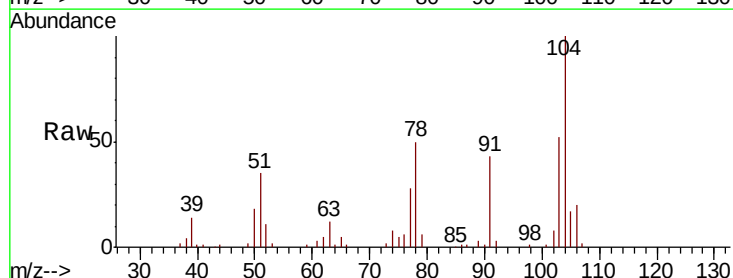
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02

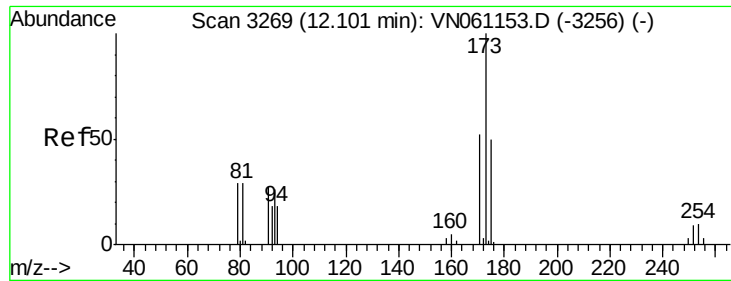
Tot Ion:106 Resp: 36078
Ion Ratio Lower Upper
106 100
91 223.6 109.7 329.0



#70
Styrene
Concen: 18.008 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061248.D
Acq: 2 May 2020 2:43

Tgt Ion:104 Resp: 60881
Ion Ratio Lower Upper
104 100
78 55.0 42.1 63.1
103 54.8 43.3 64.9

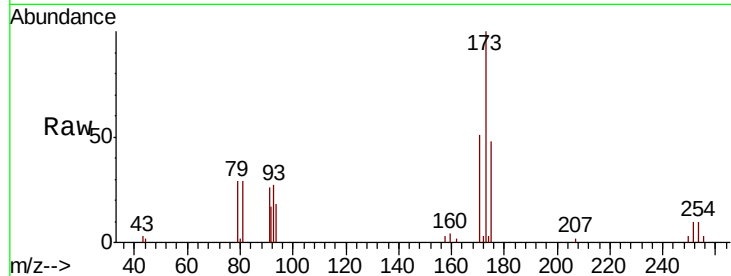




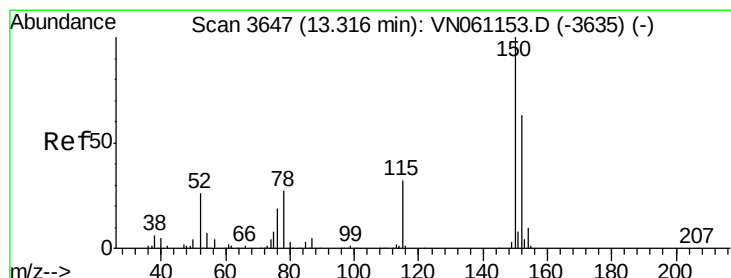
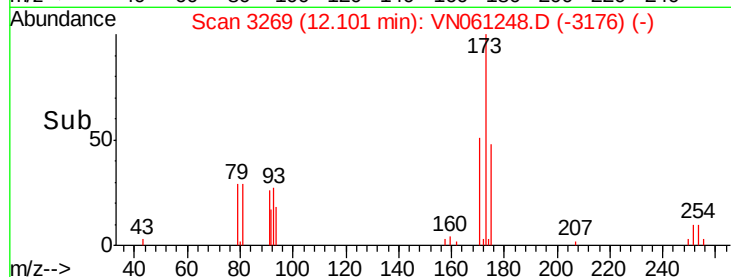
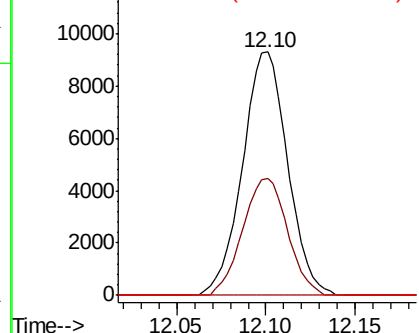
#71
Bromoform
Concen: 20.396 ug/l
RT: 12.10 min Scan# 3269
Delta R.T. 0.00 min
Lab File: VN061248.D
Acq: 2 May 2020 2:43

Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02

Tot Ion:173 Resp: 16465
Ion Ratio Lower Upper
173 100
175 47.7 24.1 72.4
254 0.0 0.0 0.0

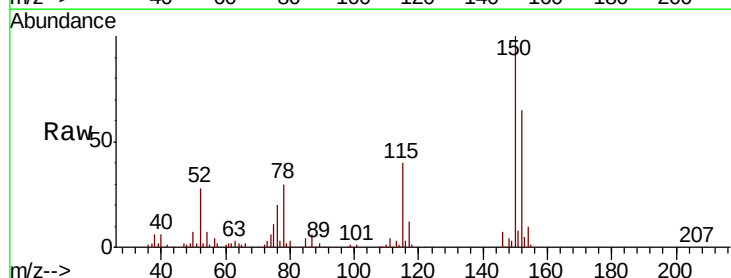


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

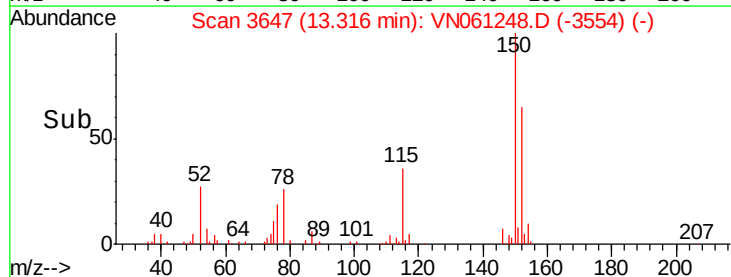
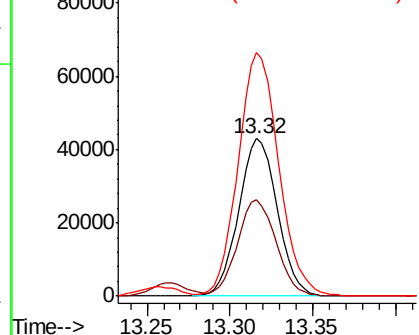


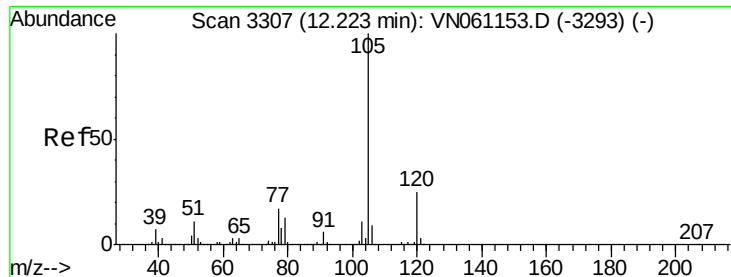
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3647
Delta R.T. 0.00 min
Lab File: VN061248.D
Acq: 2 May 2020 2:43

Tgt Ion:152 Resp: 69771
Ion Ratio Lower Upper
152 100
115 61.5 31.0 93.0
150 162.6 0.0 351.8



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: 18.096 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061248.D

Acq: 2 May 2020 2:43

Instrument :

MSVOA_N

ClientSampleId :

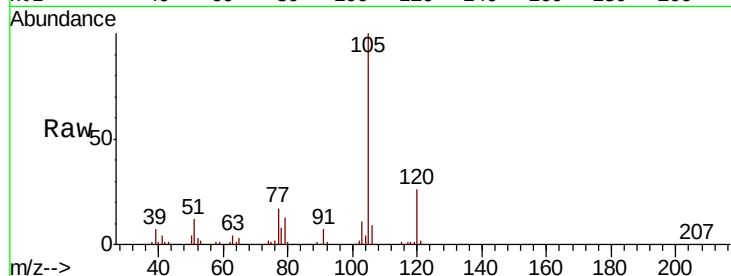
VN0501WBS02

Tot Ion:105 Resp: 92818

Ion Ratio Lower Upper

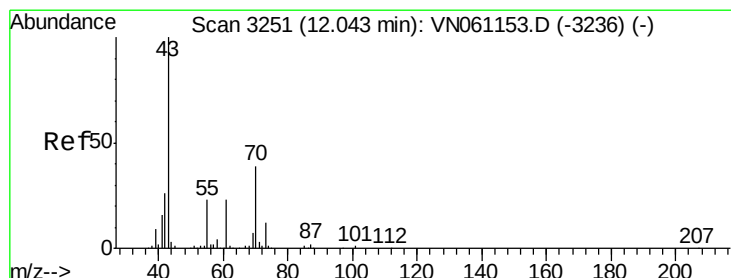
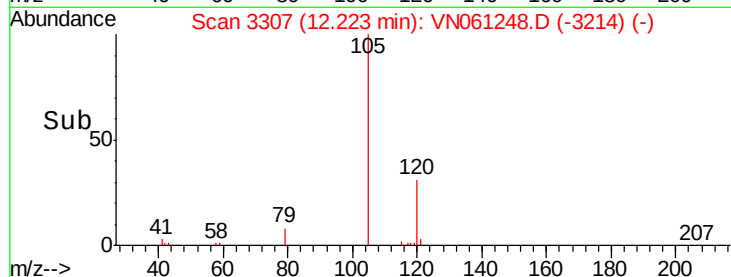
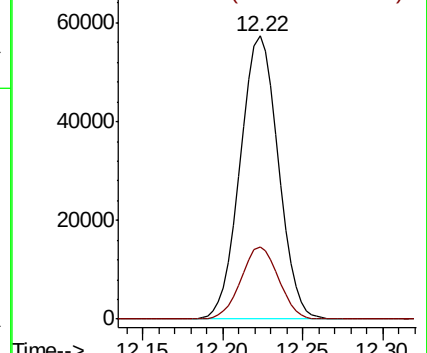
105 100

120 25.2 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.674 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061248.D

Acq: 2 May 2020 2:43

Tgt Ion: 43 Resp: 53696

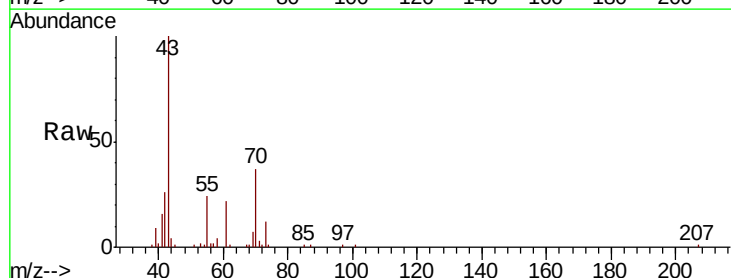
Ion Ratio Lower Upper

43 100

70 37.3 30.6 46.0

55 24.2 18.5 27.7

61 21.4 17.9 26.9

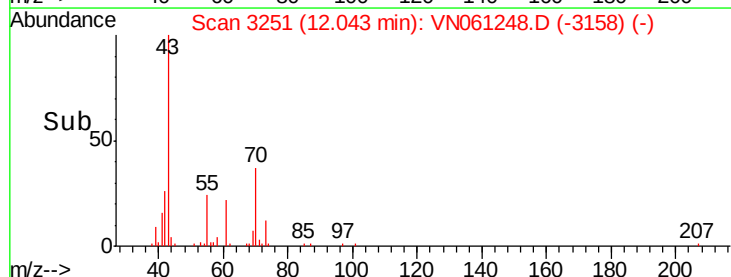
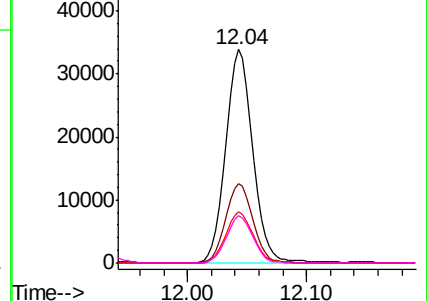


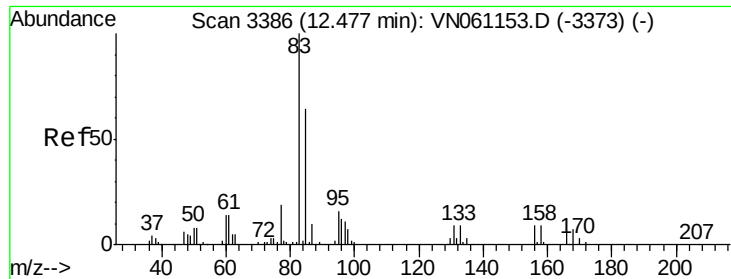
Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 22.680 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061248.D

Acq: 2 May 2020 2:43

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBS02

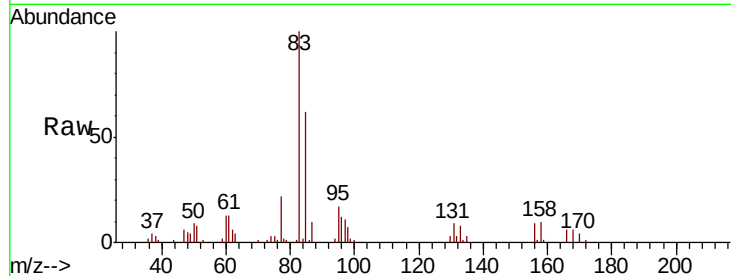
Tot Ion: 83 Resp: 36274

Ion Ratio Lower Upper

83 100

131 9.0 4.8 14.3

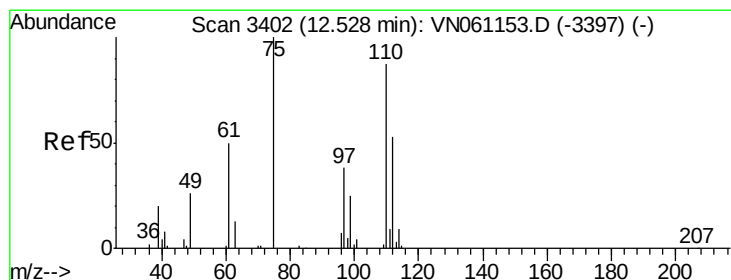
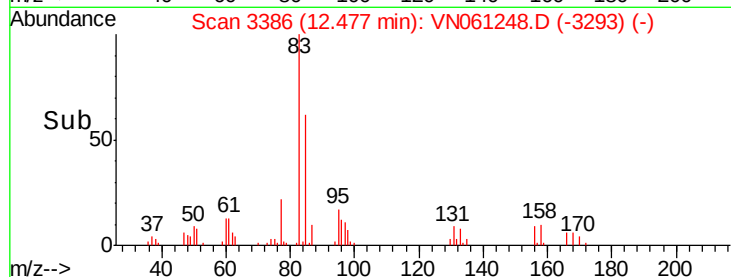
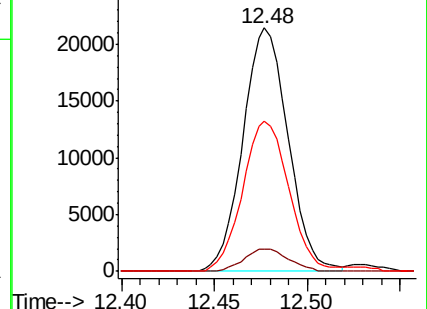
85 62.7 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN061153.D (-3373) (-)

Ion 130.80 (130.50 to 131.50): VN061153.D (-3373) (-)

Ion 84.90 (84.60 to 85.60): VN061153.D (-3373) (-)



#76

1,2,3-Trichloropropane

Concen: 31.560 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061248.D

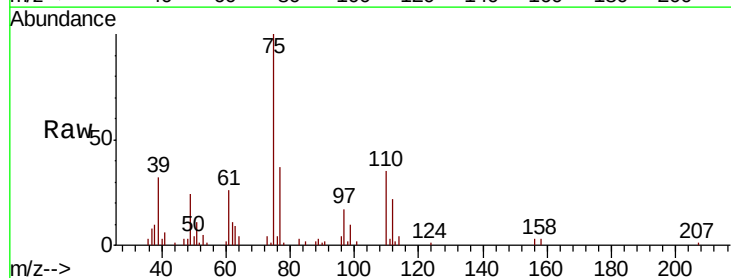
Acq: 2 May 2020 2:43

Tgt Ion: 75 Resp: 46423

Ion Ratio Lower Upper

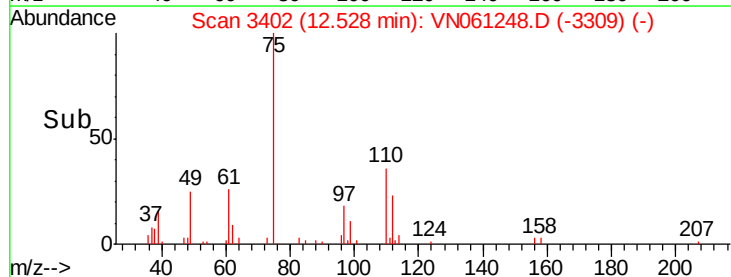
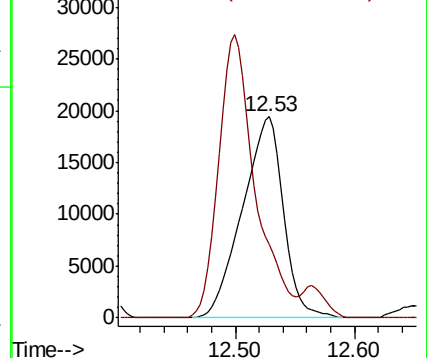
75 100

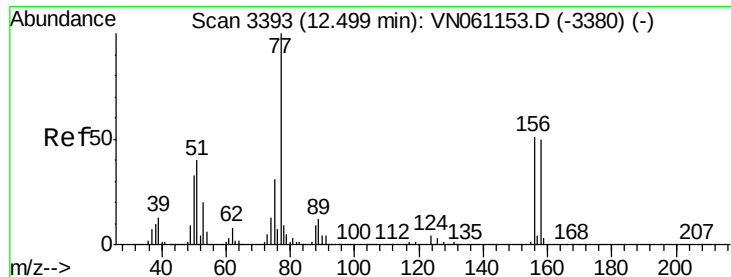
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061153.D (-3397) (-)

Ion 77.00 (76.70 to 77.70): VN061153.D (-3397) (-)





#77

Bromobenzene

Concen: 19.894 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061248.D

Acq: 2 May 2020 2:43

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBS02

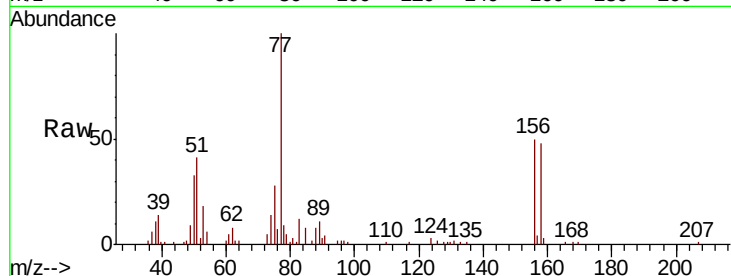
Tot Ion:156 Resp: 23555

Ion Ratio Lower Upper

156 100

77 246.4 117.4 352.2

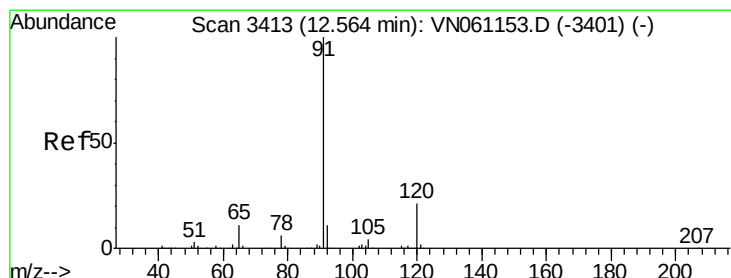
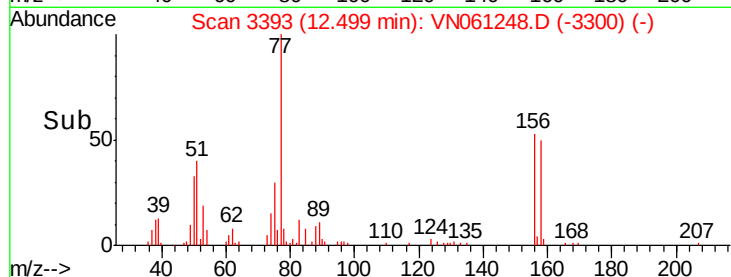
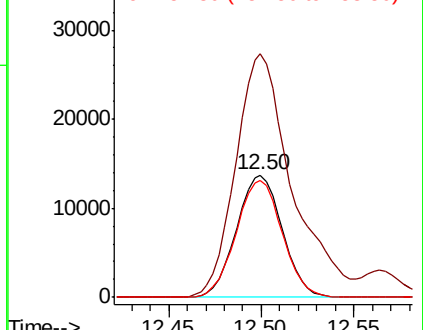
158 96.6 48.4 145.0



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: 18.058 ug/l

RT: 12.56 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061248.D

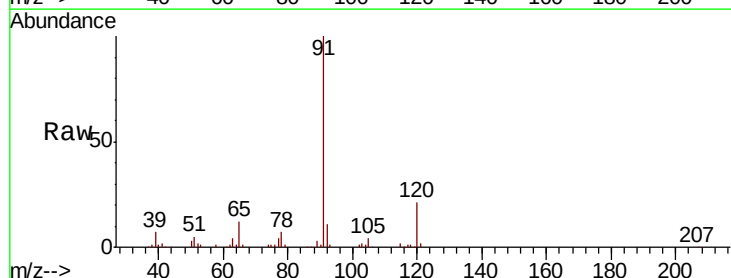
Acq: 2 May 2020 2:43

Tgt Ion: 91 Resp: 109864

Ion Ratio Lower Upper

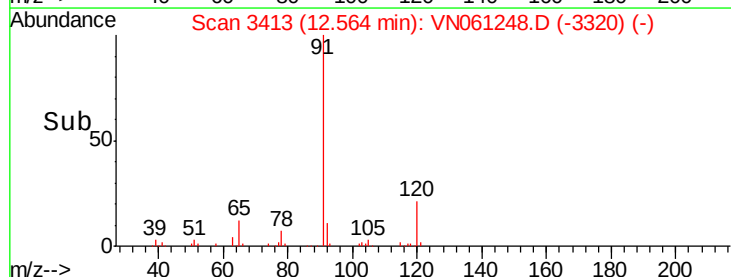
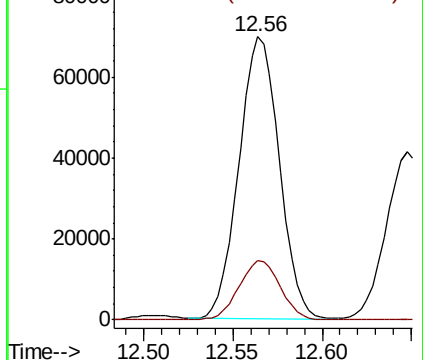
91 100

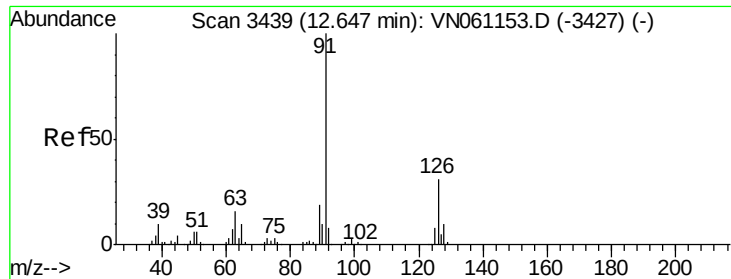
120 21.3 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.189 ug/l

RT: 12.65 min Scan# 3439

Delta R.T. 0.00 min

Lab File: VN061248.D

Acq: 2 May 2020 2:43

Instrument :

MSVOA_N

ClientSampleId :

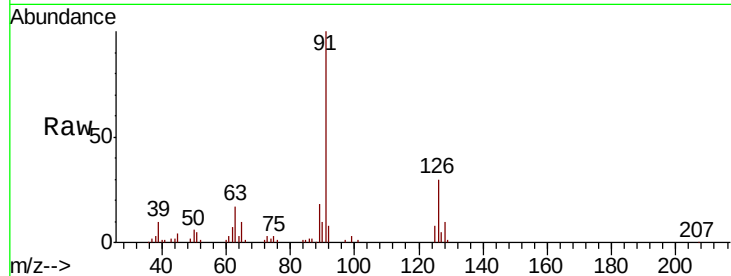
VN0501WBS02

Tot Ion: 91 Resp: 68619

Ion Ratio Lower Upper

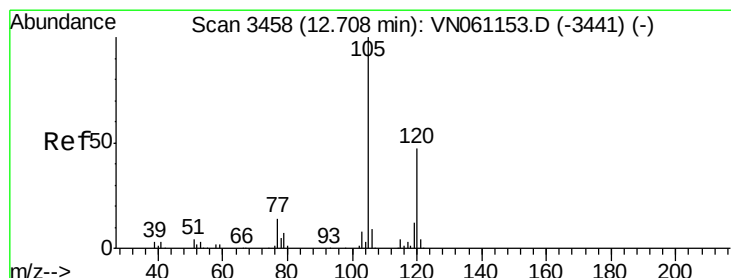
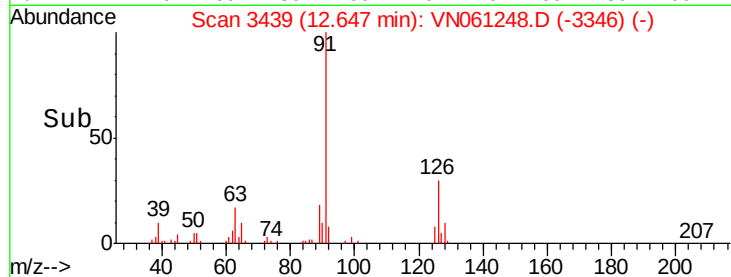
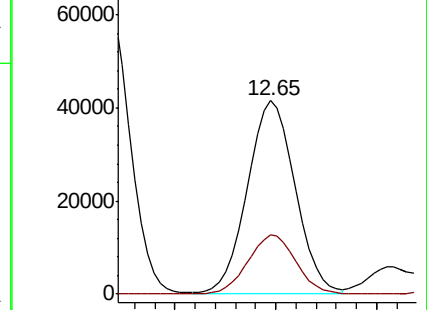
91 100

126 30.6 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3427) (-)

Ion 125.90 (125.60 to 126.60): VN061153.D (-3427) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.460 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. -0.00 min

Lab File: VN061248.D

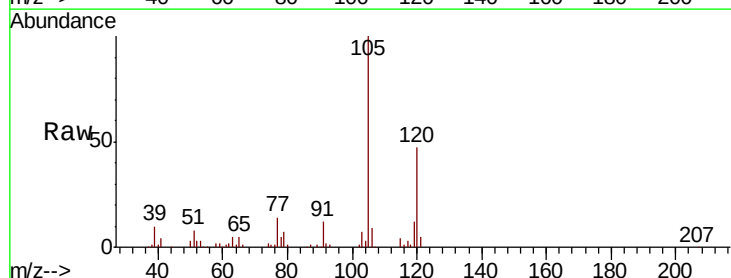
Acq: 2 May 2020 2:43

Tgt Ion: 105 Resp: 78367

Ion Ratio Lower Upper

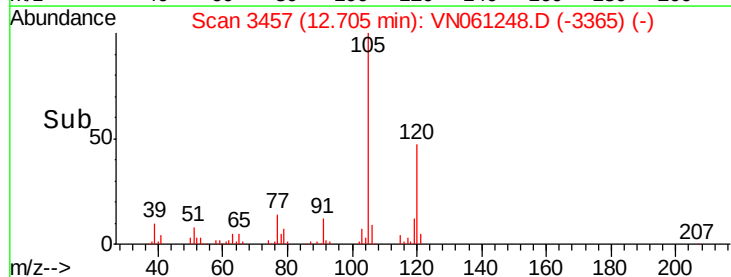
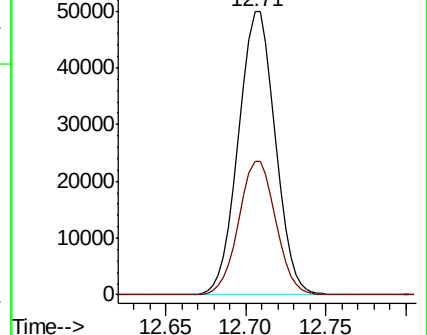
105 100

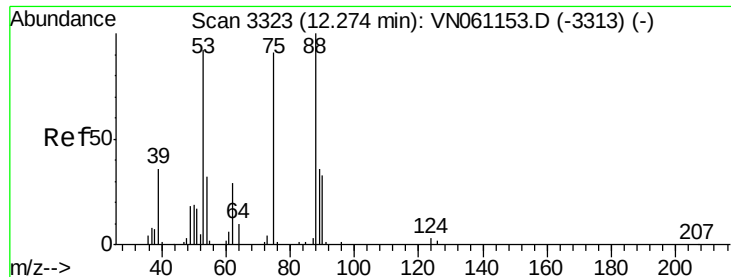
120 47.3 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN061153.D (-3441) (-)

Ion 120.00 (119.70 to 120.70): VN061153.D (-3441) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.790 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061248.D

Acq: 2 May 2020 2:43

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBS02

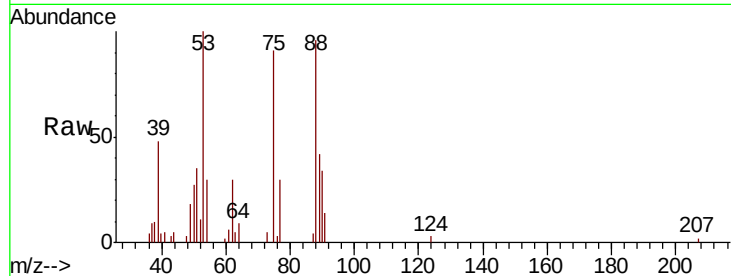
Tot Ion: 75 Resp: 10884

Ion Ratio Lower Upper

75 100

53 111.0 84.1 126.1

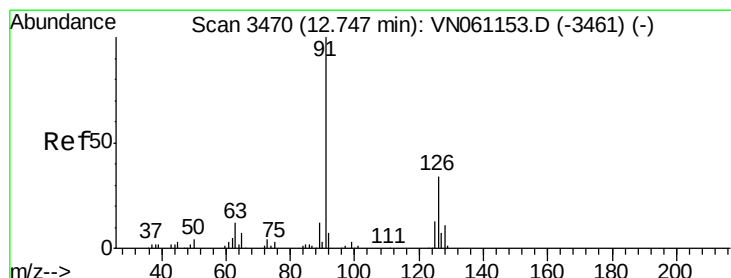
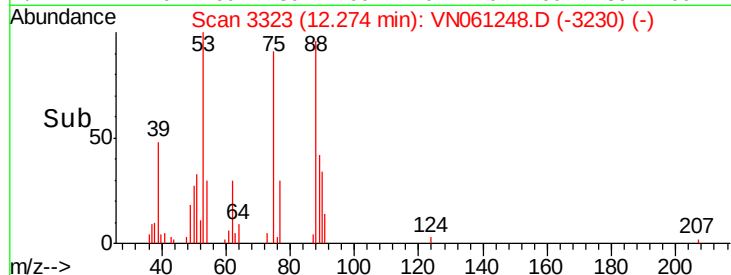
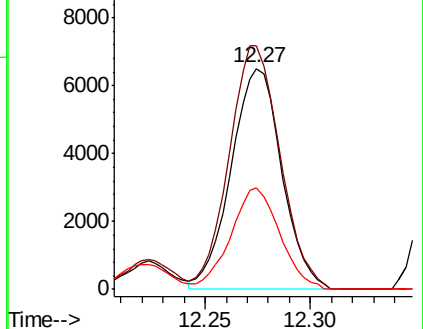
89 44.6 35.2 52.8



Abundance Ion 74.90 (74.60 to 75.60): VN061153.D (-3313) (-)

Ion 53.00 (52.70 to 53.70): VN061153.D (-3313) (-)

Ion 88.90 (88.60 to 89.60): VN061153.D (-3313) (-)



#82

4-Chlorotoluene

Concen: 19.228 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061248.D

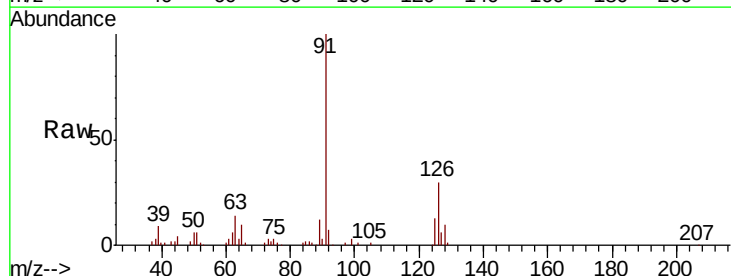
Acq: 2 May 2020 2:43

Tgt Ion: 91 Resp: 72469

Ion Ratio Lower Upper

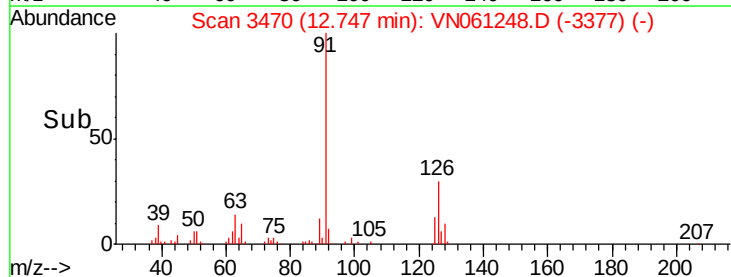
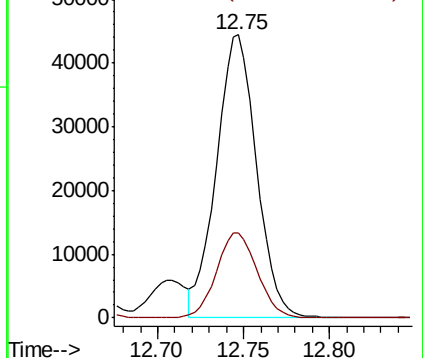
91 100

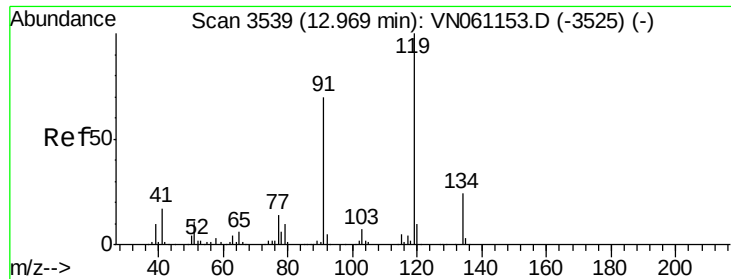
126 30.4 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3461) (-)

Ion 125.90 (125.60 to 126.60): VN061153.D (-3461) (-)

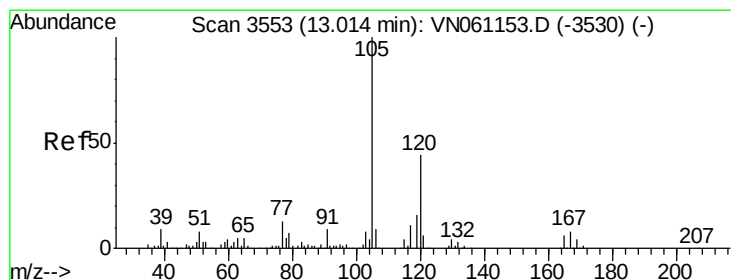
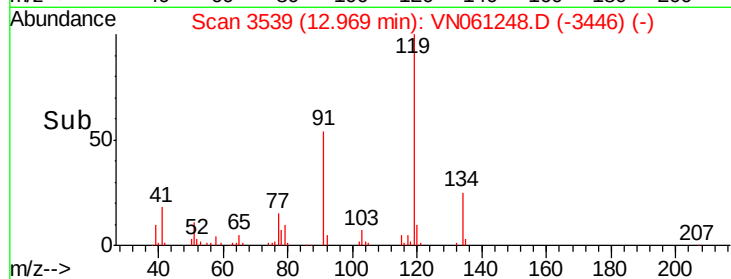
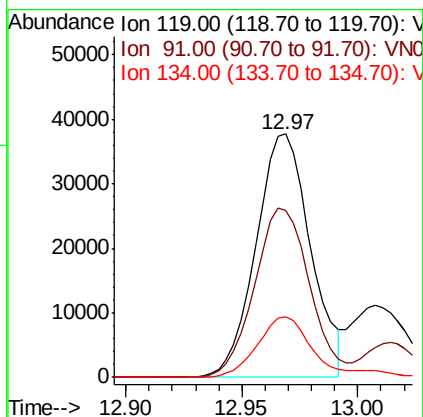
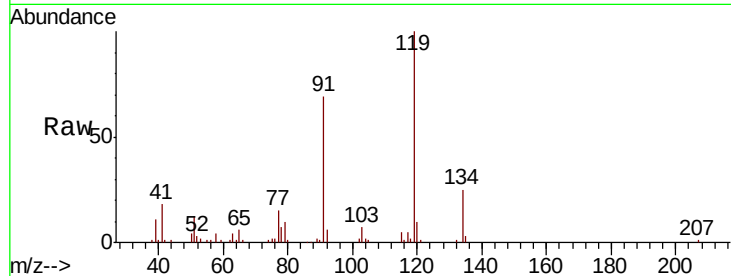




#83
 tert-Butylbenzene
 Concen: 17.265 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061248.D
 Acq: 2 May 2020 2:43

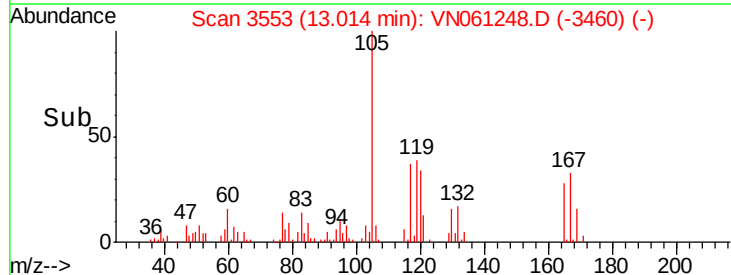
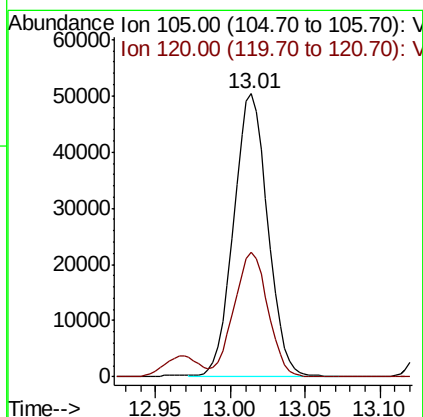
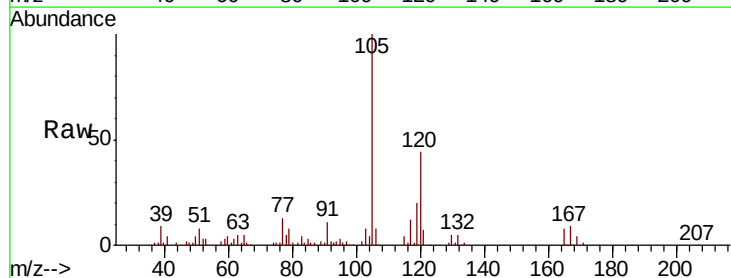
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0501WBS02

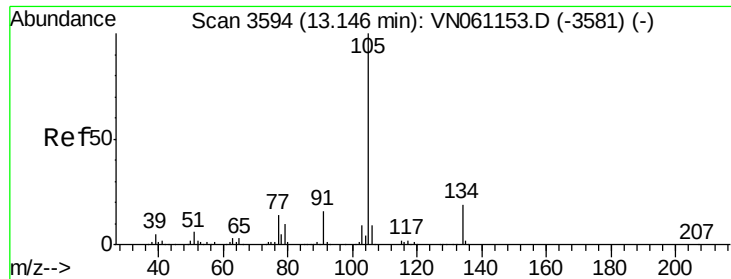
Tot Ion:119 Resp: 61801
 Ion Ratio Lower Upper
 119 100
 91 70.0 34.8 104.4
 134 26.3 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 18.350 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061248.D
 Acq: 2 May 2020 2:43

Tgt Ion:105 Resp: 80257
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 17.461 ug/l

RT: 13.15 min Scan# 3594

Delta R.T. 0.00 min

Lab File: VN061248.D

Acq: 2 May 2020 2:43

Instrument :

MSVOA_N

ClientSampleId :

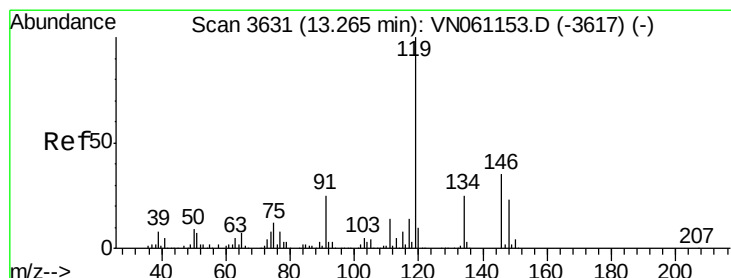
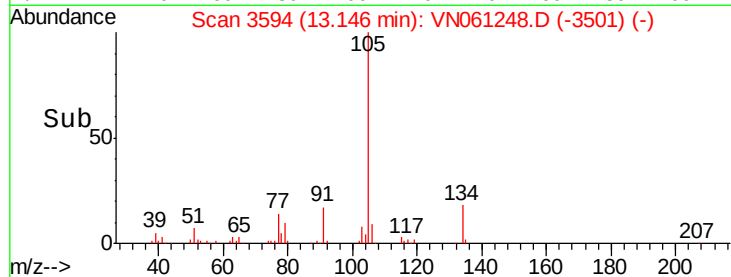
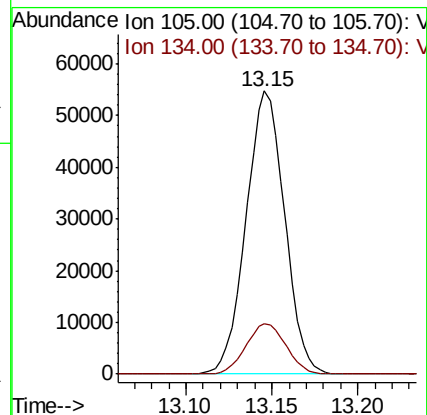
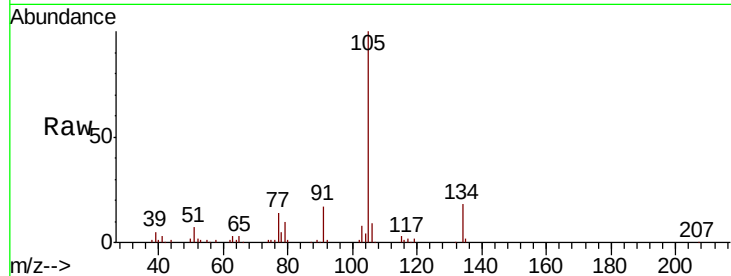
VN0501WBS02

Tot Ion:105 Resp: 85218

Ion Ratio Lower Upper

105 100

134 18.5 9.6 28.8



#86

p-Isopropyltoluene

Concen: 17.350 ug/l

RT: 13.26 min Scan# 3630

Delta R.T. -0.00 min

Lab File: VN061248.D

Acq: 2 May 2020 2:43

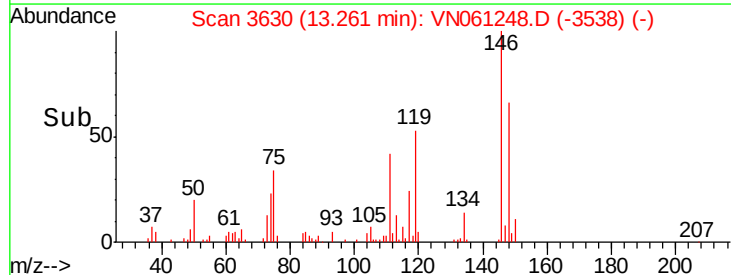
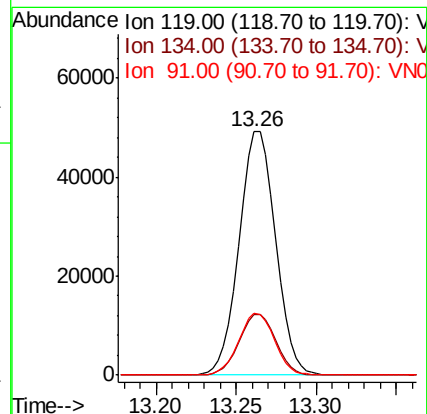
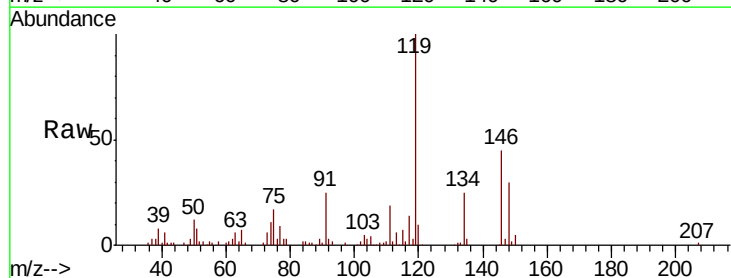
Tgt Ion:119 Resp: 76288

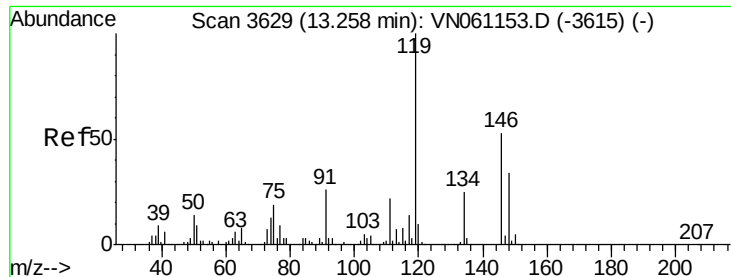
Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.6

91 25.0 12.7 38.0

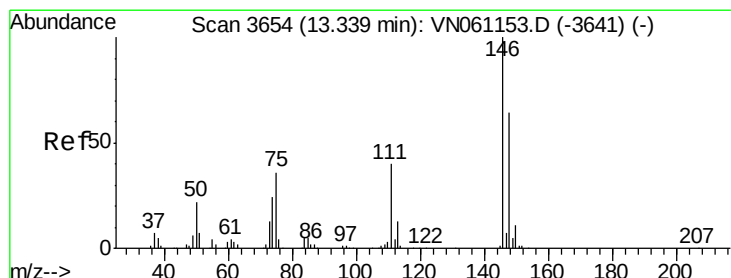
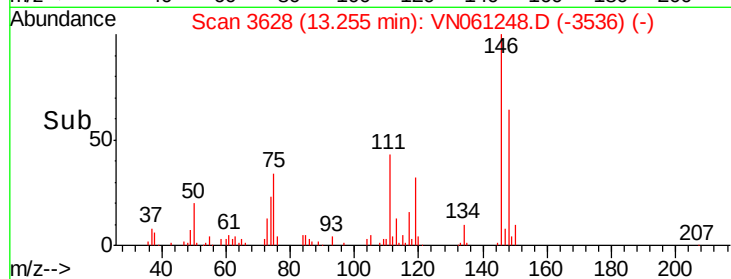
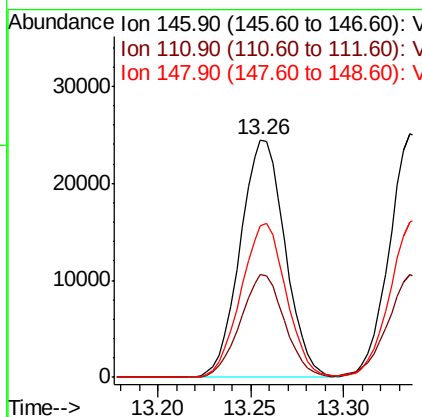
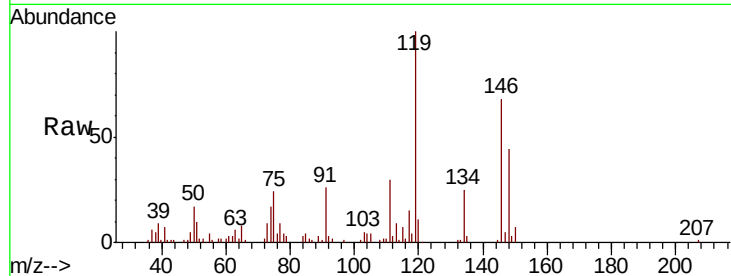




#87
 1,3-Dichlorobenzene
 Concen: 18.932 ug/l
 RT: 13.26 min Scan# 3628
 Delta R.T. -0.00 min
 Lab File: VN061248.D
 Acq: 2 May 2020 2:43

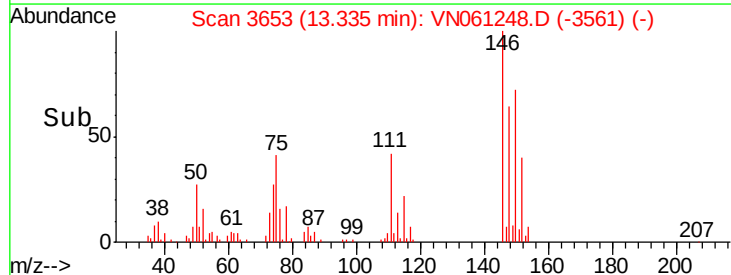
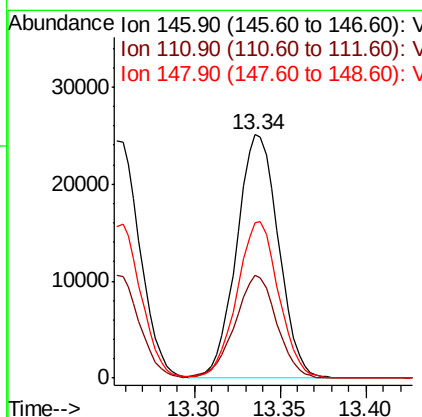
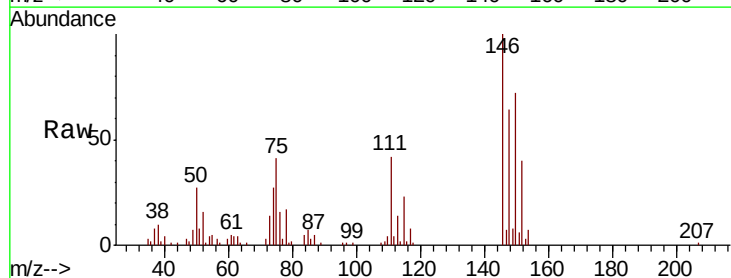
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0501WBS02

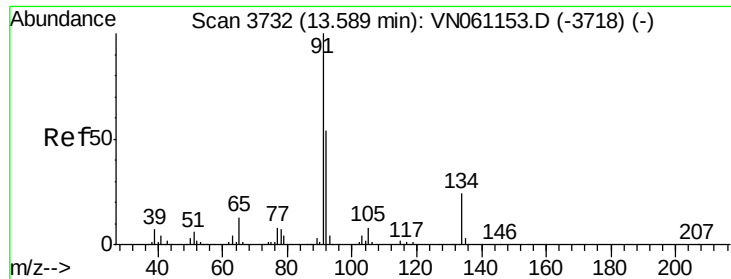
Tot Ion:146 Resp: 41266
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.7 62.1
 148 65.2 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.015 ug/l
 RT: 13.34 min Scan# 3653
 Delta R.T. -0.00 min
 Lab File: VN061248.D
 Acq: 2 May 2020 2:43

Tgt Ion:146 Resp: 42348
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.4 61.3
 148 64.2 31.9 95.7

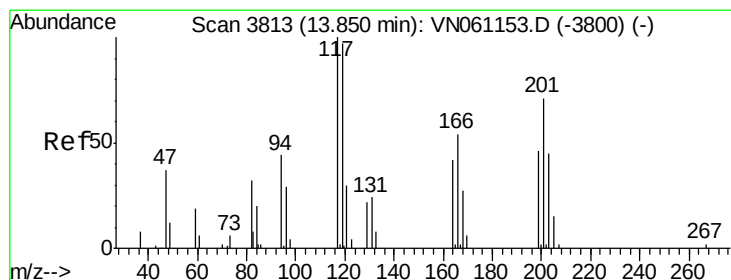
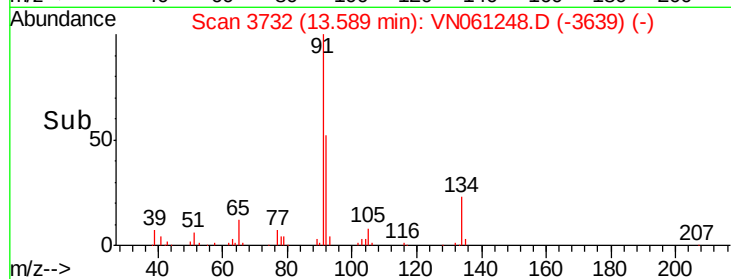
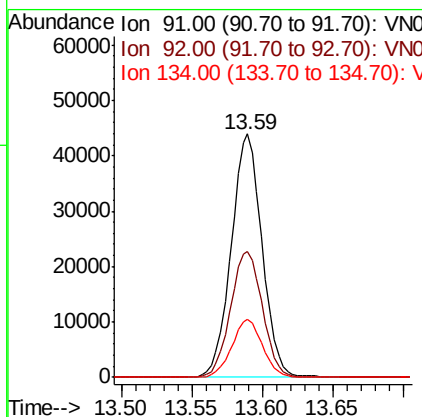
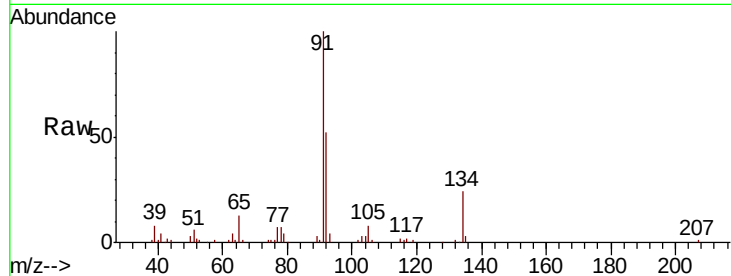




#89
n-Butylbenzene
Concen: 16.649 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061248.D
Acq: 2 May 2020 2:43

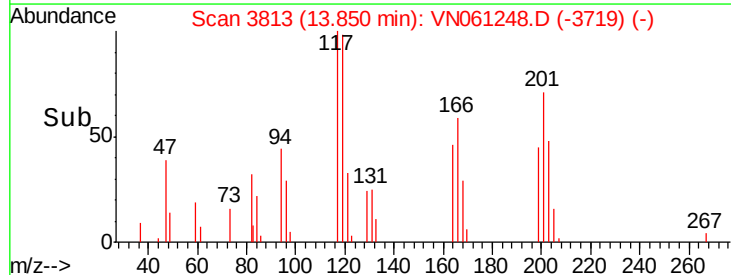
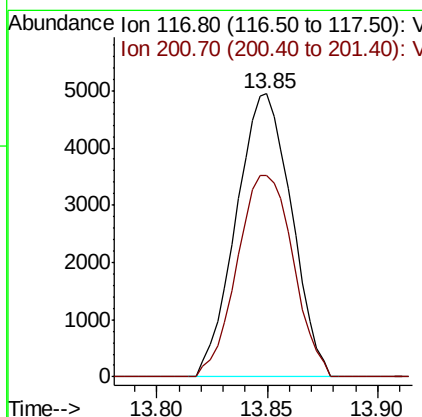
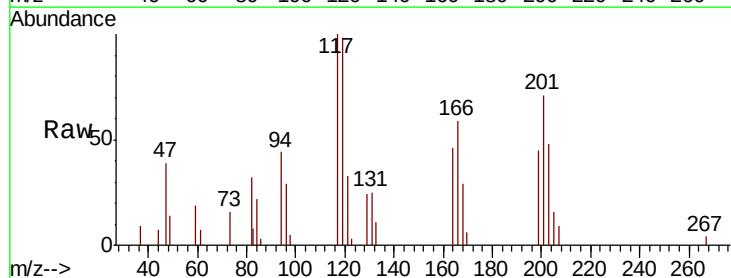
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02

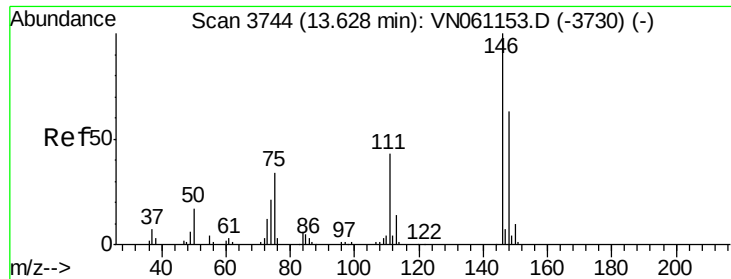
Tot Ion: 91 Resp: 67111
Ion Ratio Lower Upper
91 100
92 53.3 26.8 80.3
134 23.6 11.9 35.5



#90
Hexachloroethane
Concen: 23.550 ug/l
RT: 13.85 min Scan# 3813
Delta R.T. 0.00 min
Lab File: VN061248.D
Acq: 2 May 2020 2:43

Tgt Ion: 117 Resp: 8618
Ion Ratio Lower Upper
117 100
201 71.9 35.5 106.7

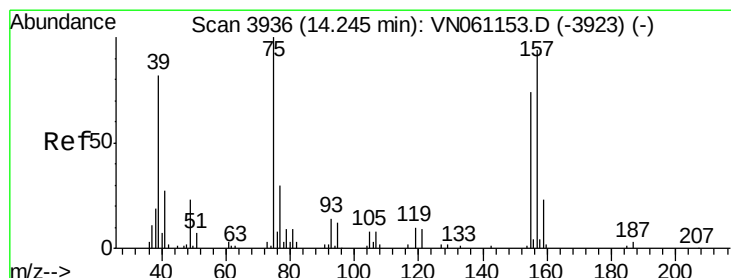
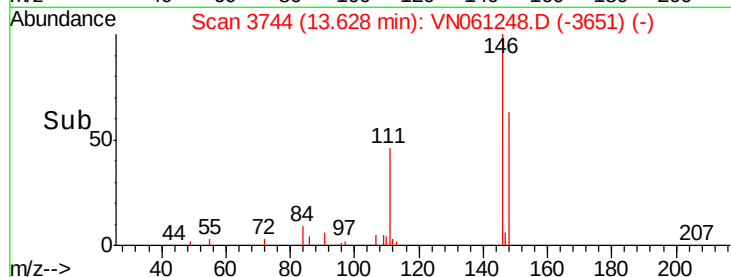
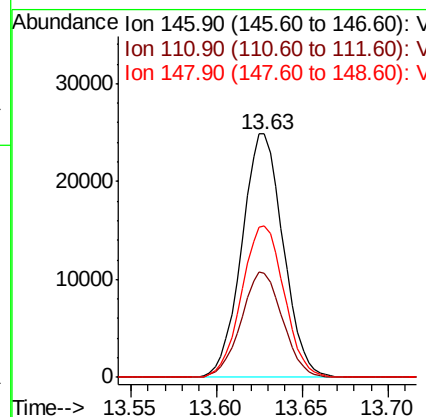
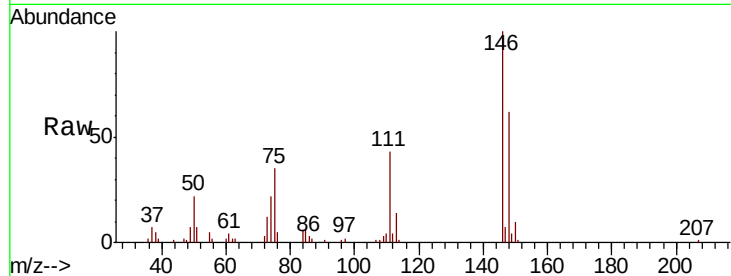




#91
 1,2-Dichlorobenzene
 Concen: 19.863 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061248.D
 Acq: 2 May 2020 2:43

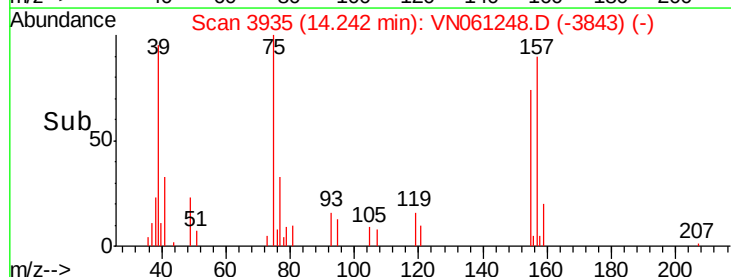
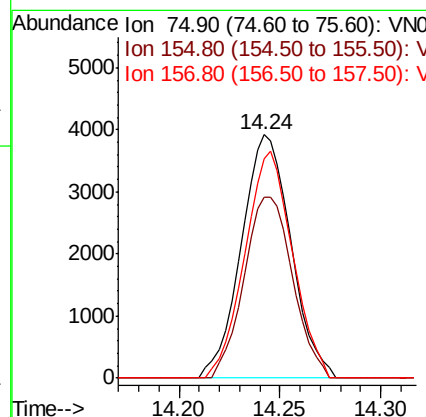
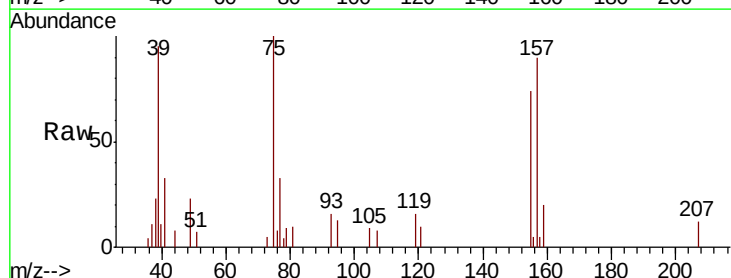
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0501WBS02

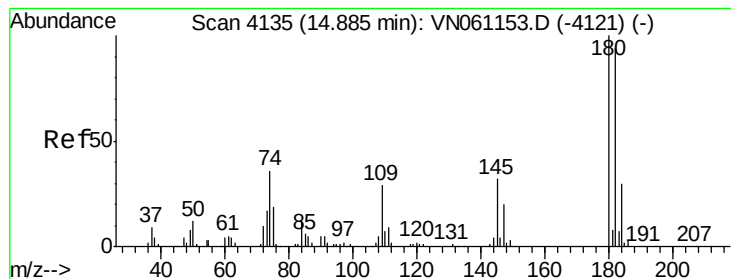
Tot Ion:146 Resp: 41513
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.8 65.3
 148 63.9 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.962 ug/l
 RT: 14.24 min Scan# 3935
 Delta R.T. -0.00 min
 Lab File: VN061248.D
 Acq: 2 May 2020 2:43

Tgt Ion: 75 Resp: 6743
 Ion Ratio Lower Upper
 75 100
 155 72.8 36.5 109.7
 157 89.3 46.6 139.7





#93

1,2,4-Trichlorobenzene

Concen: 18.245 ug/l

RT: 14.88 min Scan# 4134

Delta R.T. -0.00 min

Lab File: VN061248.D

Acq: 2 May 2020 2:43

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBS02

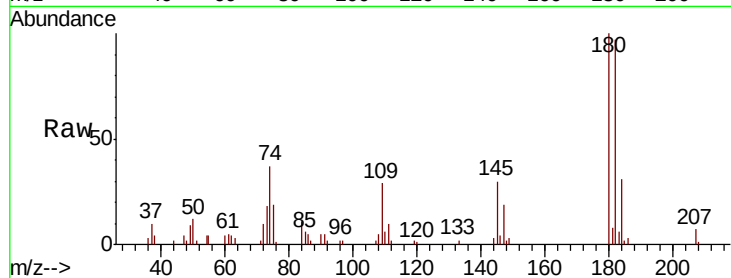
Tot Ion:180 Resp: 23221

Ion Ratio Lower Upper

180 100

182 94.8 47.3 141.9

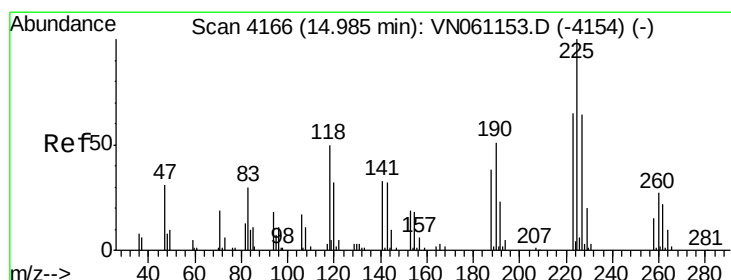
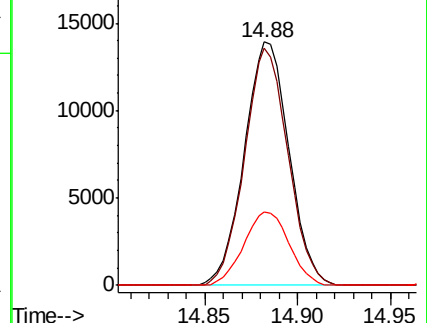
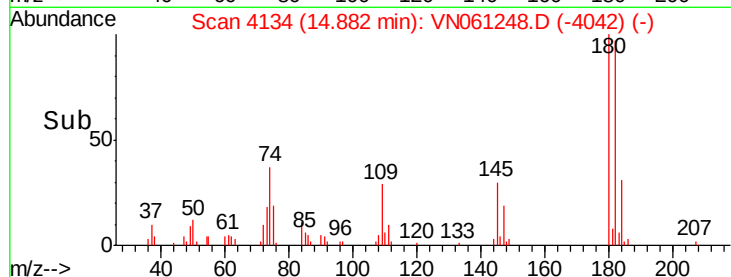
145 30.4 16.0 47.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 17.738 ug/l

RT: 14.98 min Scan# 4165

Delta R.T. -0.00 min

Lab File: VN061248.D

Acq: 2 May 2020 2:43

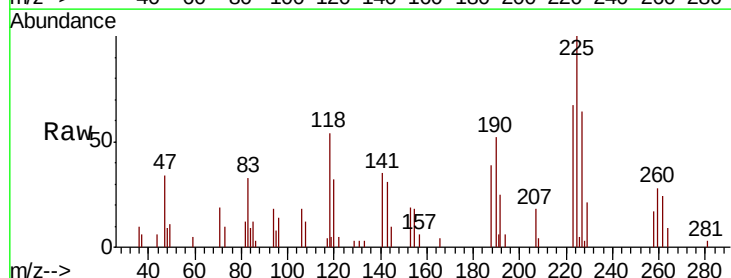
Tgt Ion:225 Resp: 9431

Ion Ratio Lower Upper

225 100

223 64.5 32.4 97.0

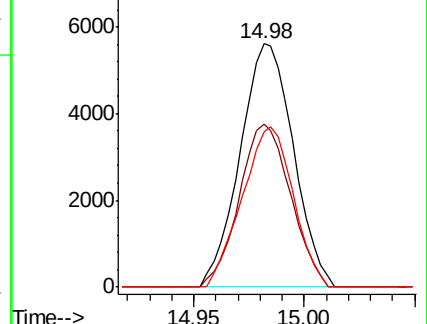
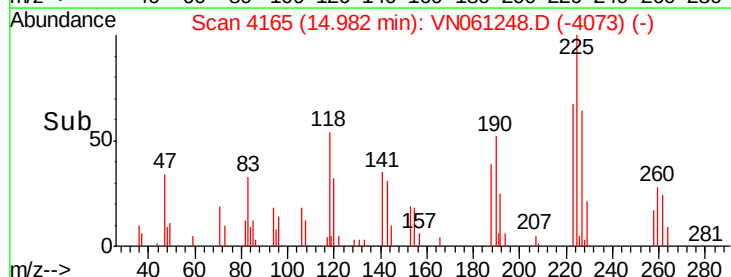
227 63.2 32.4 97.0

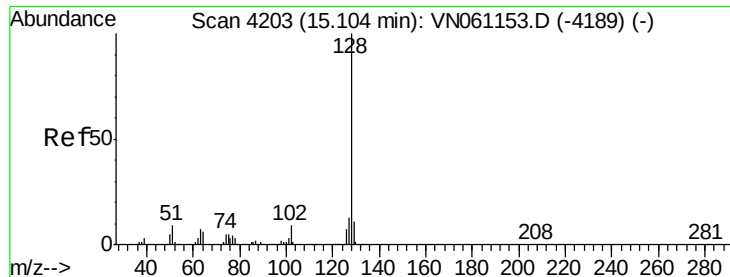


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.189 ug/l

RT: 15.10 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061248.D

Acq: 2 May 2020 2:43

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBS02

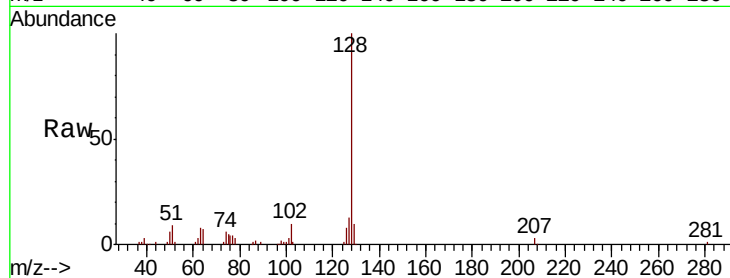
Tot Ion:128 Resp: 75392

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 10.7 8.7 13.1

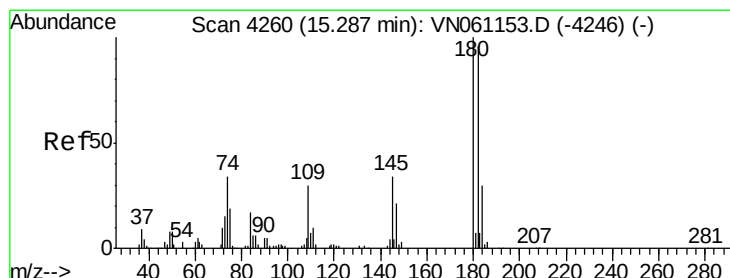
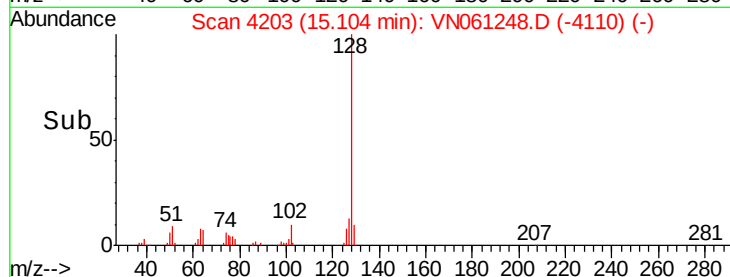
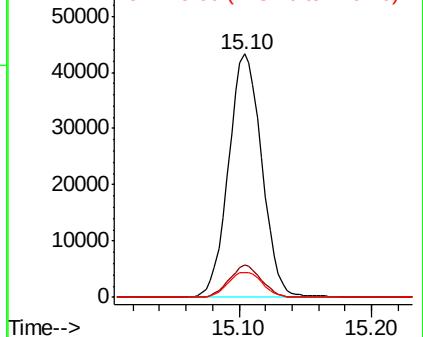


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.875 ug/l

RT: 15.28 min Scan# 4259

Delta R.T. -0.00 min

Lab File: VN061248.D

Acq: 2 May 2020 2:43

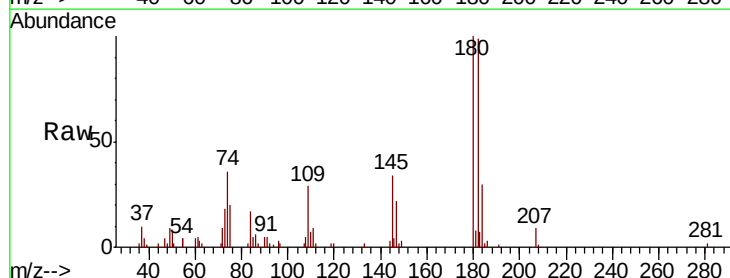
Tgt Ion:180 Resp: 23717

Ion Ratio Lower Upper

180 100

182 95.1 47.5 142.5

145 33.7 16.9 50.7



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

