

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042720\
 Data File : VN061153.D
 Acq On : 27 Apr 2020 17:12
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 28 01:34:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 01:31:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	114773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	203037	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	194558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	95782	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	87592	55.64	ug/l	0.00
Spiked Amount			Recovery	=	111.28%	
35) Dibromofluoromethane	7.55	113	58145	49.98	ug/l	0.00
Spiked Amount			Recovery	=	99.96%	
50) Toluene-d8	10.06	98	237606	48.05	ug/l	0.00
Spiked Amount			Recovery	=	96.10%	
62) 4-Bromofluorobenzene	12.38	95	89209	48.15	ug/l	0.00
Spiked Amount			Recovery	=	96.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	65262	59.774	ug/l	100
3) Chloromethane	2.03	50	75488	56.709	ug/l	100
4) Vinyl Chloride	2.16	62	87049	54.394	ug/l	100
5) Bromomethane	2.53	94	42002	53.968	ug/l	100
6) Chloroethane	2.67	64	54311	62.179	ug/l	100
7) Trichlorofluoromethane	2.98	101	95038	55.153	ug/l	100
8) Diethyl Ether	3.37	74	41349	52.456	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	60936	53.644	ug/l	100
10) Methyl Iodide	3.91	142	78816	48.971	ug/l	100
11) Tert butyl alcohol	4.73	59	59630	294.721	ug/l	100
12) 1,1-Dichloroethene	3.70	96	60888	52.495	ug/l	100
13) Acrolein	3.56	56	38807	257.626	ug/l	100
14) Allyl chloride	4.27	41	121424	64.639	ug/l	100
15) Acrylonitrile	4.93	53	192932	306.674	ug/l	100
16) Acetone	3.77	43	170866	225.808	ug/l	100
17) Carbon Disulfide	4.01	76	172515	50.415	ug/l	100
18) Methyl Acetate	4.27	43	108482	52.948	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	230692	55.728	ug/l	100
20) Methylene Chloride	4.50	84	71007	52.720	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	67514	48.852	ug/l	100
22) Diisopropyl ether	5.90	45	263446	60.435	ug/l	100
23) Vinyl Acetate	5.84	43	1086846	310.774	ug/l	100
24) 1,1-Dichloroethane	5.80	63	136855	57.528	ug/l	100
25) 2-Butanone	6.78	43	276770	319.206	ug/l	100
26) 2,2-Dichloropropane	6.77	77	108034	51.478	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	77649	50.495	ug/l	100
28) Bromochloromethane	7.15	49	60854	58.982	ug/l	100
29) Tetrahydrofuran	7.16	42	187342	314.049	ug/l	100
30) Chloroform	7.33	83	137784	57.301	ug/l	100
31) Cyclohexane	7.61	56	127438	53.389	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	121011	56.448	ug/l	100
36) 1,1-Dichloropropene	7.75	75	102693	51.577	ug/l	100
37) Ethyl Acetate	6.88	43	119459	58.406	ug/l	100
38) Carbon Tetrachloride	7.73	117	88092	50.939	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	116178	48.411	ug/l	100
40) Benzene	8.00	78	299897	50.954	ug/l	100
41) Methacrylonitrile	7.16	41	173637	185.313	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	115385	54.236	ug/l	100
43) Isopropyl Acetate	8.12	43	198400	57.282	ug/l	100
44) Trichloroethene	8.80	130	80490	47.568	ug/l	100
45) 1,2-Dichloropropane	9.08	63	80913	51.712	ug/l	100
46) Dibromomethane	9.17	93	51766	51.920	ug/l	100
47) Bromodichloromethane	9.37	83	108559	54.748	ug/l	100
48) Methyl methacrylate	9.17	41	91935	56.633	ug/l	100
49) 1,4-Dioxane	9.17	88	18632	784.429	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	606029	298.724	ug/l	100
52) Toluene	10.12	92	186993	50.840	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	122401	50.871	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	127573	51.109	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	72724	51.284	ug/l	100
56) Ethyl methacrylate	10.40	69	118948	54.768	ug/l	100
57) 1,3-Dichloropropane	10.68	76	131348	53.975	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	299828	267.606	ug/l	100
59) 2-Hexanone	10.72	43	446697	298.393	ug/l	100
60) Dibromochloromethane	10.87	129	77408	52.220	ug/l	100
61) 1,2-Dibromoethane	10.98	107	75372	51.673	ug/l	100
64) Tetrachloroethene	10.60	164	83036	42.812	ug/l	100
65) Chlorobenzene	11.41	112	191974	48.920	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	70103	50.378	ug/l	100
67) Ethyl Benzene	11.48	91	368319	50.205	ug/l	100
68) m/p-Xylenes	11.60	106	272102	99.606	ug/l	100
69) o-Xylene	11.92	106	129983	49.310	ug/l	100
70) Styrene	11.94	104	222486	51.931	ug/l	100
71) Bromoform	12.10	173	53311	51.085	ug/l #	100
73) Isopropylbenzene	12.22	105	353305	49.076	ug/l	100
74) N-amyl acetate	12.04	43	181296	54.914	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	108740	55.068	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	149867	69.138	ug/l #	100
77) Bromobenzene	12.50	156	81044	46.660	ug/l	100
78) n-propylbenzene	12.56	91	424106	50.102	ug/l	100
79) 2-Chlorotoluene	12.65	91	244542	49.719	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	298048	49.183	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	39478	47.740	ug/l	100
82) 4-Chlorotoluene	12.75	91	258798	49.519	ug/l	100
83) tert-Butylbenzene	12.97	119	250742	49.330	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	303187	50.077	ug/l	100
85) sec-Butylbenzene	13.15	105	344351	49.905	ug/l	100
86) p-Isopropyltoluene	13.26	119	309599	49.493	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	150666	48.576	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	150166	47.791	ug/l	100
89) n-Butylbenzene	13.59	91	286411	50.156	ug/l	100
90) Hexachloroethane	13.85	117	27607	54.685	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	143812	49.746	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	24287	56.563	ug/l	100

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QLast Update : Tue Apr 28 01:31:08 2020
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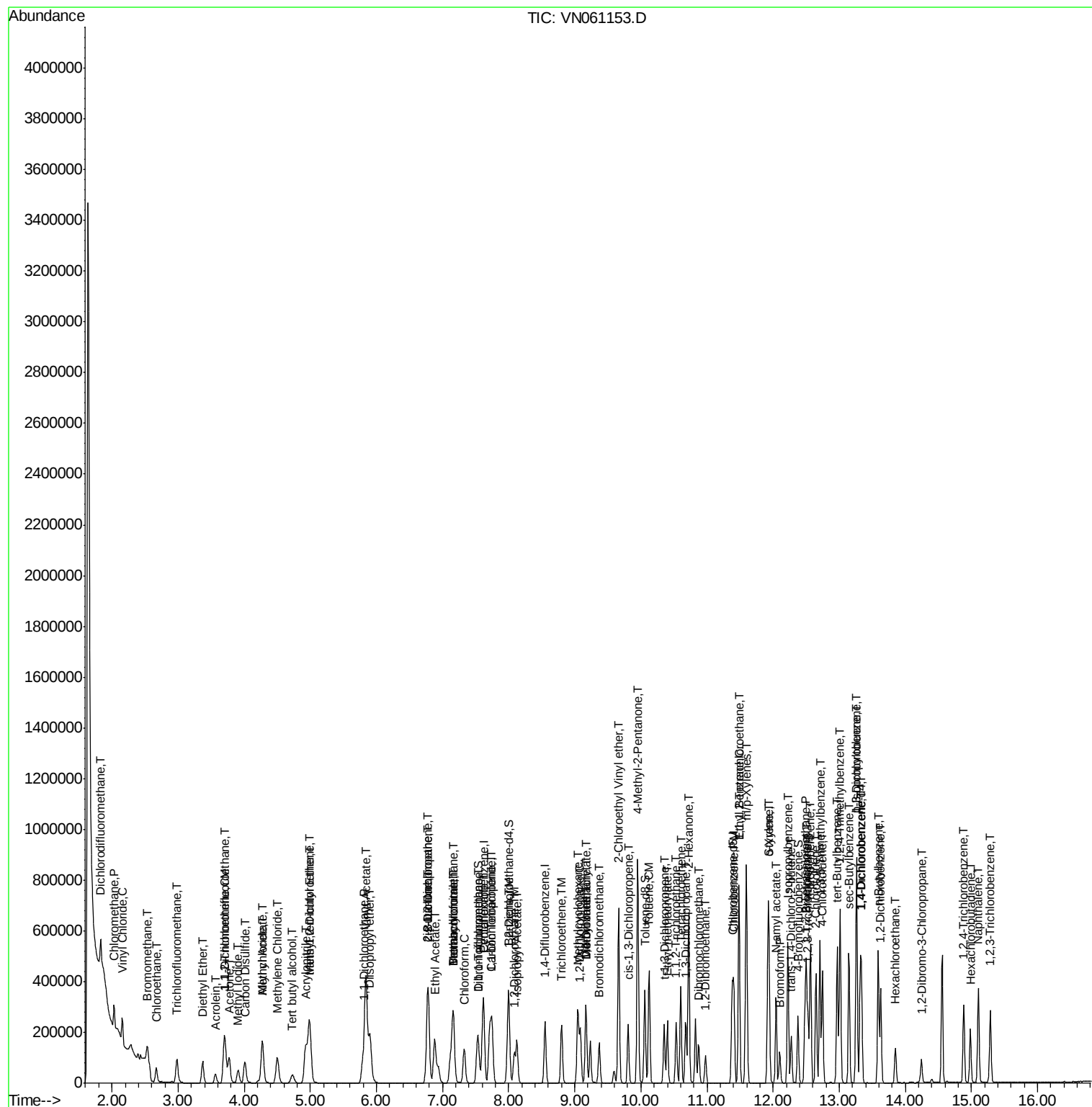
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	89369	46.619	ug/l	100
94) Hexachlorobutadiene	14.98	225	37036	44.599	ug/l	100
95) Naphthalene	15.10	128	295636	49.556	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	87055	47.163	ug/l	100

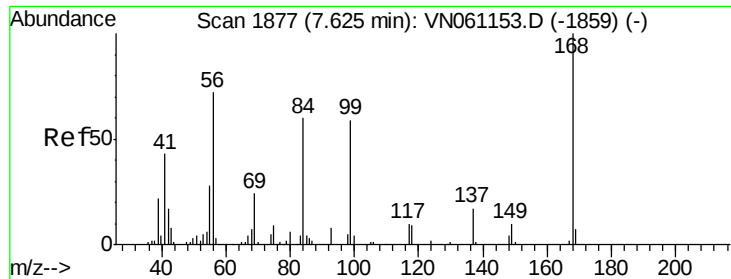
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042720\
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ClientSampled :

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Quant Title : SW846 8260
QLast Update : Tue Apr 28 01:31:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061153.D

Acq: 27 Apr 2020 17:12

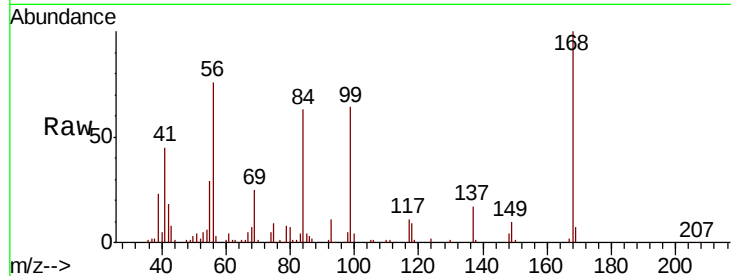
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 114773

Ion Ratio Lower Upper

168 100

99 64.0 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

50000

40000

30000

20000

10000

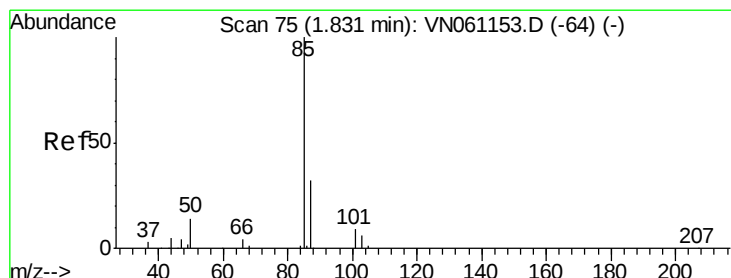
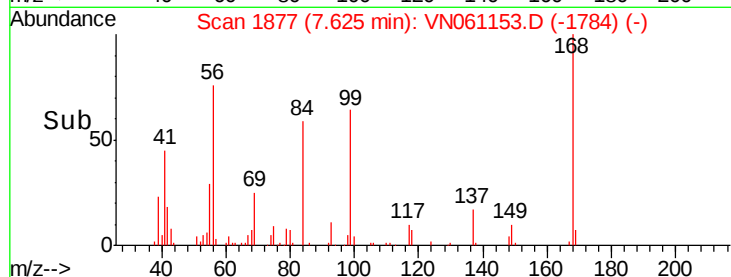
0

Time-->

7.50

7.60

7.70



#2

Dichlorodifluoromethane

Concen: 59.774 ug/l

RT: 1.83 min Scan# 75

Delta R.T. 0.00 min

Lab File: VN061153.D

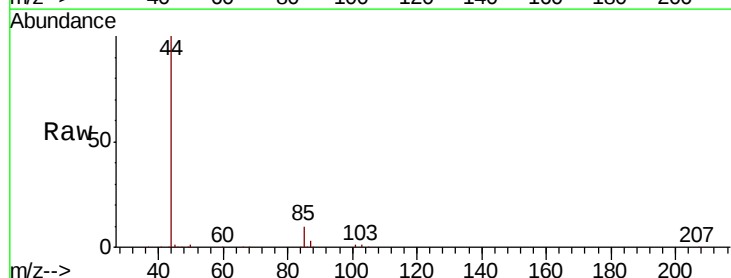
Acq: 27 Apr 2020 17:12

Tgt Ion: 85 Resp: 65262

Ion Ratio Lower Upper

85 100

87 32.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

50000

40000

30000

20000

10000

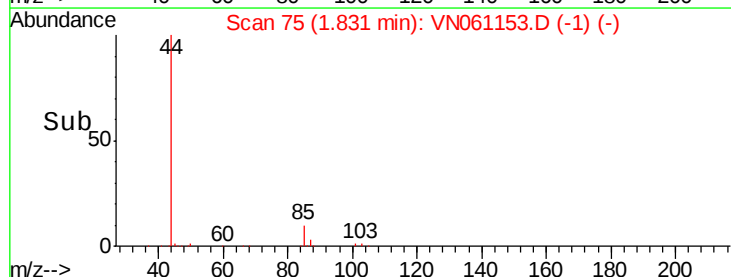
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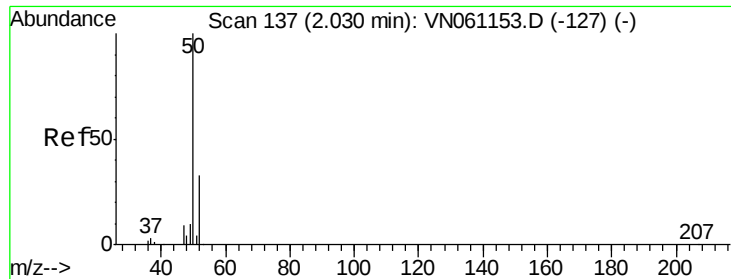
Time-->

1.80

1.85

1.90





#3

Chloromethane

Concen: 56.709 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061153.D

Acq: 27 Apr 2020 17:12

Instrument :

MSVOA_N

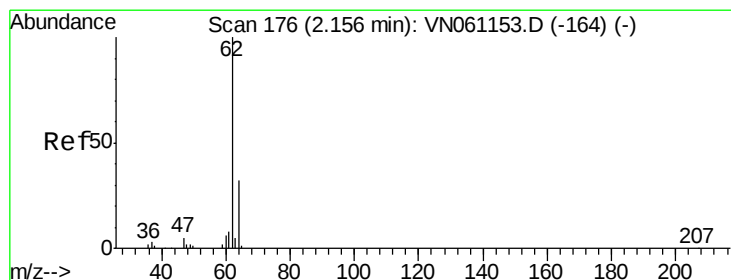
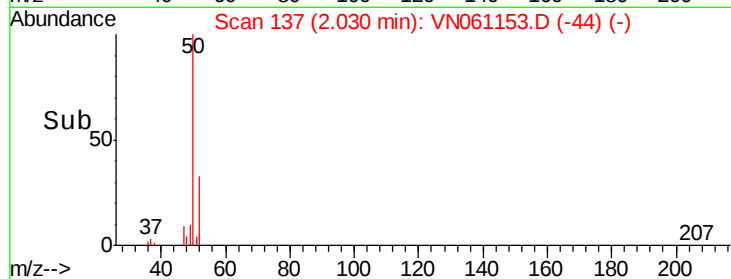
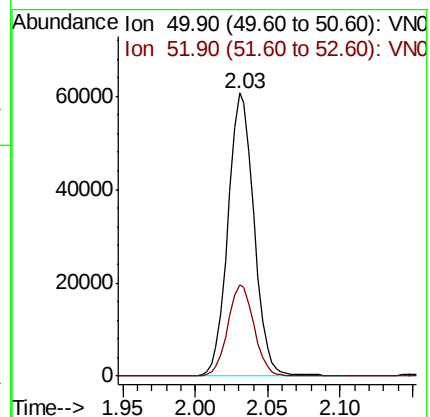
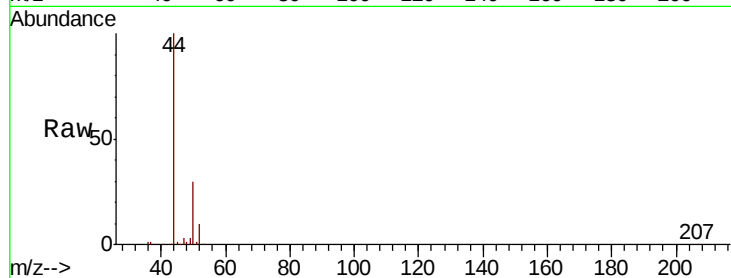
ClientSampleId :

Tot Ion: 50 Resp: 75488

Ion Ratio Lower Upper

50 100

52 32.5 26.0 39.0



#4

Vinyl Chloride

Concen: 54.394 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061153.D

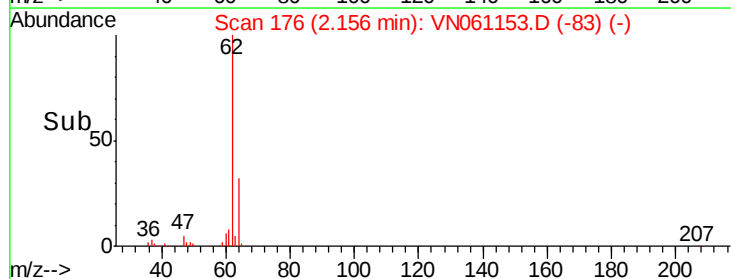
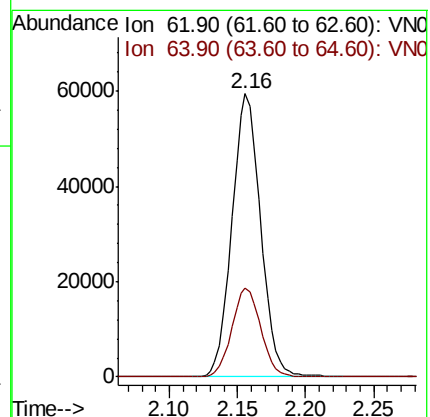
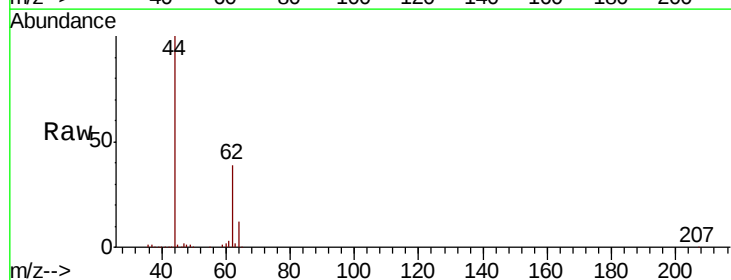
Acq: 27 Apr 2020 17:12

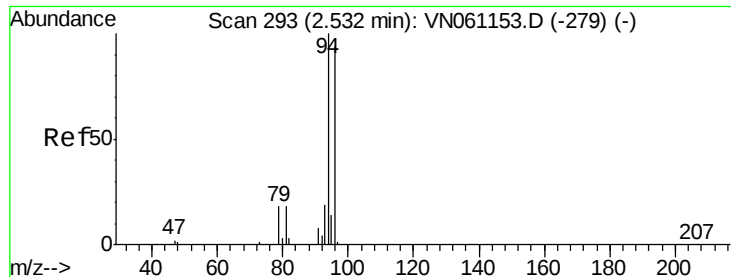
Tgt Ion: 62 Resp: 87049

Ion Ratio Lower Upper

62 100

64 31.5 25.2 37.8





#5

Bromomethane

Concen: 53.968 ug/l

RT: 2.53 min Scan# 293

Delta R.T. 0.00 min

Lab File: VN061153.D

Acq: 27 Apr 2020 17:12

Instrument :

MSVOA_N

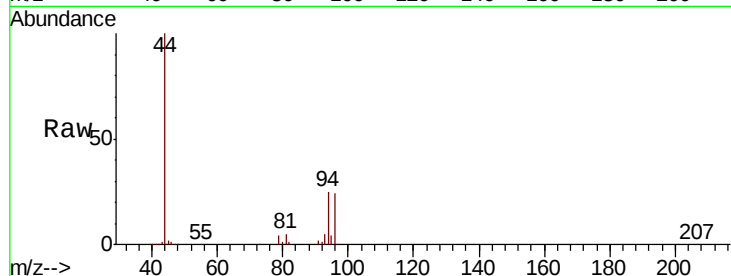
ClientSampleId :

Tot Ion: 94 Resp: 42002

Ion Ratio Lower Upper

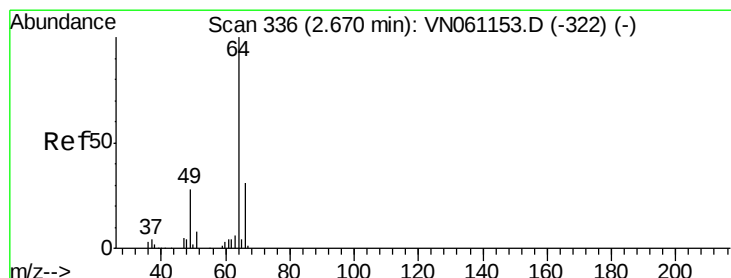
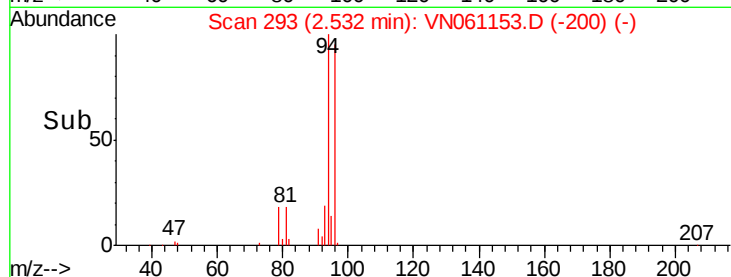
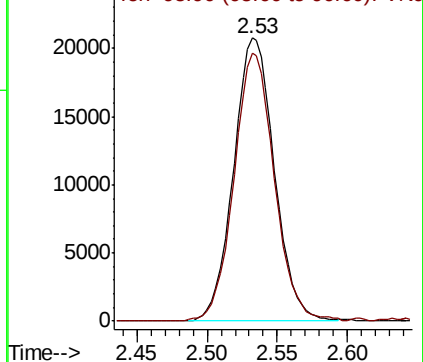
94 100

96 93.9 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 62.179 ug/l

RT: 2.67 min Scan# 336

Delta R.T. 0.00 min

Lab File: VN061153.D

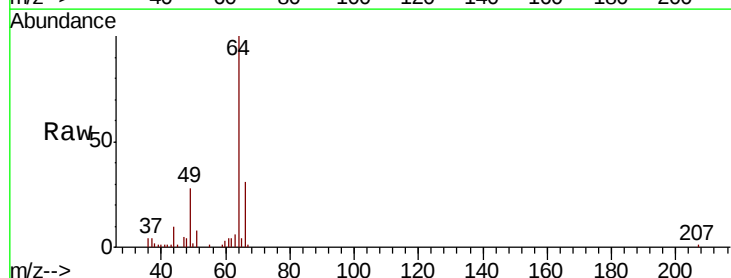
Acq: 27 Apr 2020 17:12

Tgt Ion: 64 Resp: 54311

Ion Ratio Lower Upper

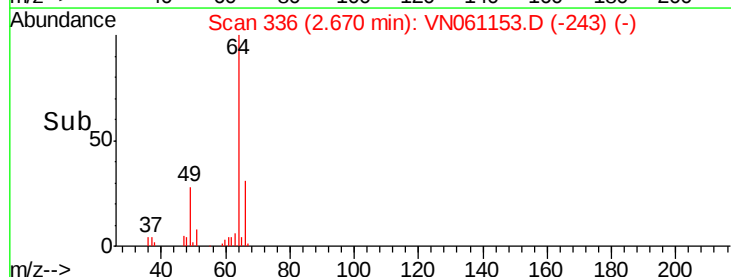
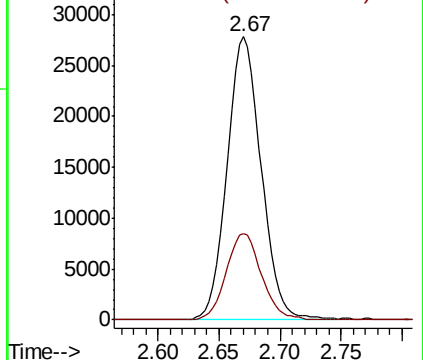
64 100

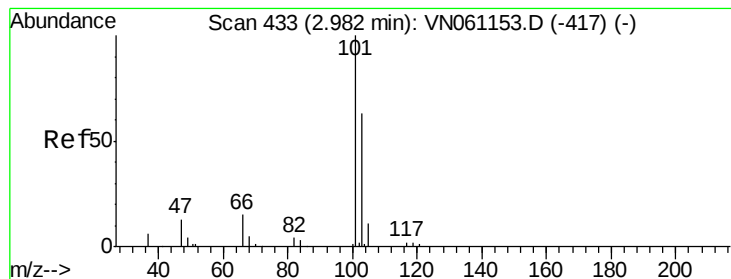
66 30.7 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



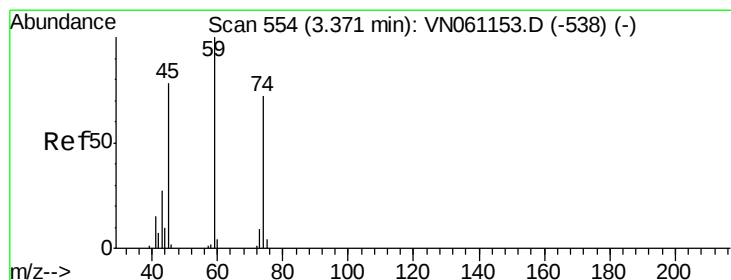
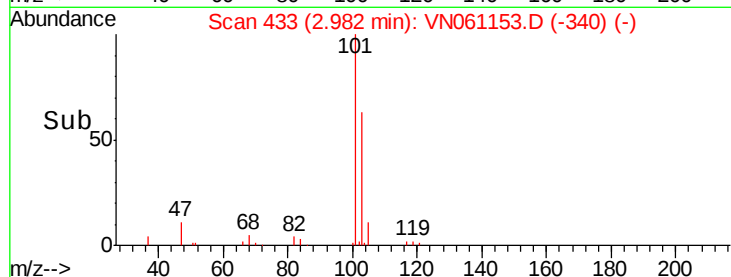
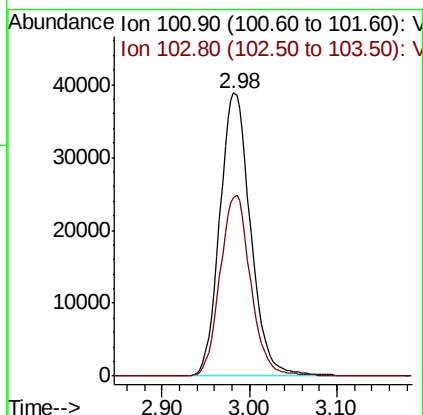
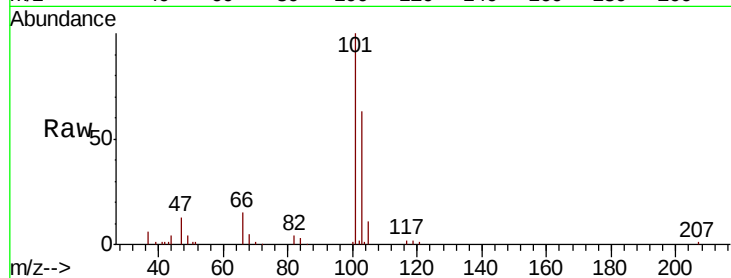


#7

Trichlorofluoromethane
 Concen: 55.153 ug/l
 RT: 2.98 min Scan# 433
 Delta R.T. 0.00 min
 Lab File: VN061153.D
 Acq: 27 Apr 2020 17:12

Instrument :
 MSVOA_N
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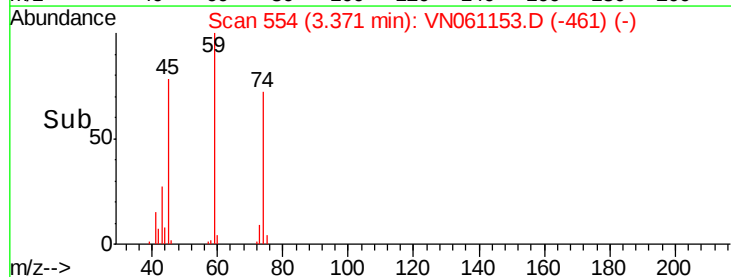
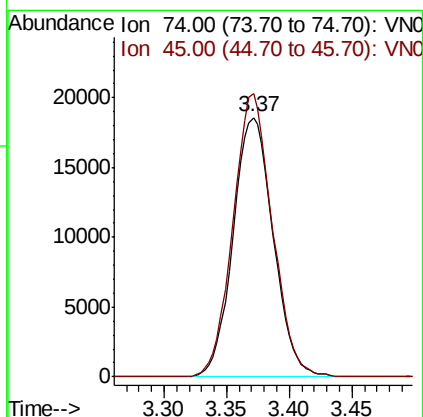
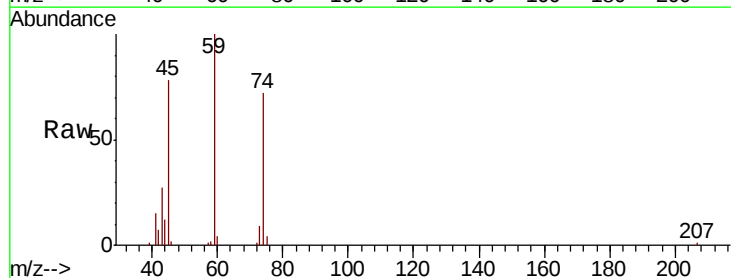
Tot Ion:101 Resp: 95038
 Ion Ratio Lower Upper
 101 100
 103 63.3 50.6 76.0

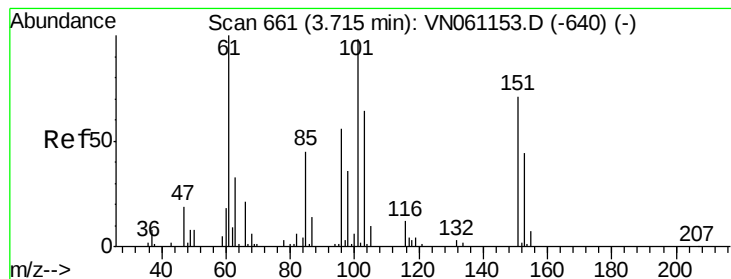


#8

Diethyl Ether
 Concen: 52.456 ug/l
 RT: 3.37 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: VN061153.D
 Acq: 27 Apr 2020 17:12

Tgt Ion: 74 Resp: 41349
 Ion Ratio Lower Upper
 74 100
 45 106.7 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.644 ug/l

RT: 3.72 min Scan# 661

Delta R.T. 0.00 min

Lab File: VN061153.D

Acq: 27 Apr 2020 17:12

Instrument :

MSVOA_N

ClientSampled :

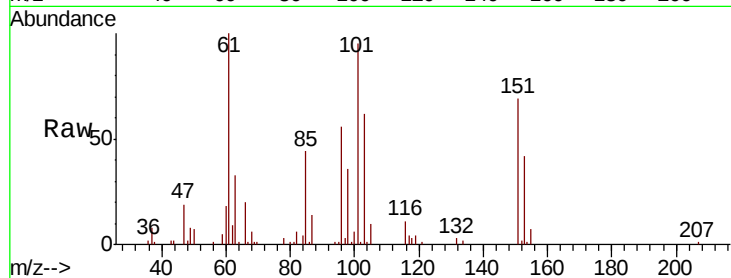
Tot Ion:101 Resp: 60936

Ion Ratio Lower Upper

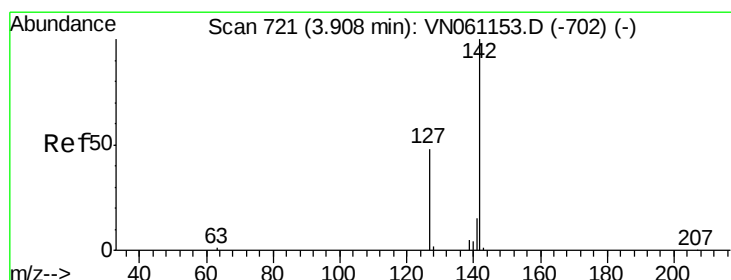
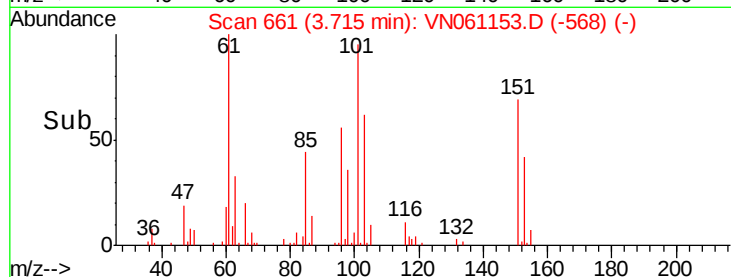
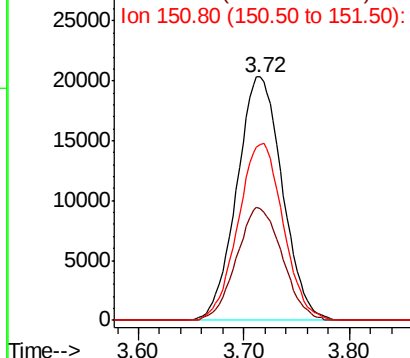
101 100

85 46.5 37.2 55.8

151 72.1 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.971 ug/l

RT: 3.91 min Scan# 721

Delta R.T. 0.00 min

Lab File: VN061153.D

Acq: 27 Apr 2020 17:12

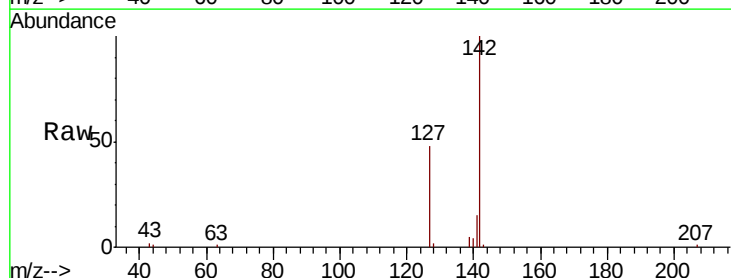
Tgt Ion:142 Resp: 78816

Ion Ratio Lower Upper

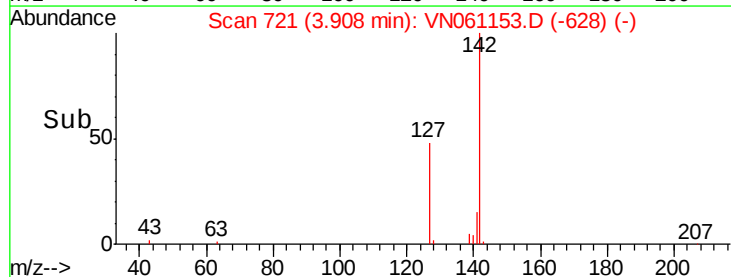
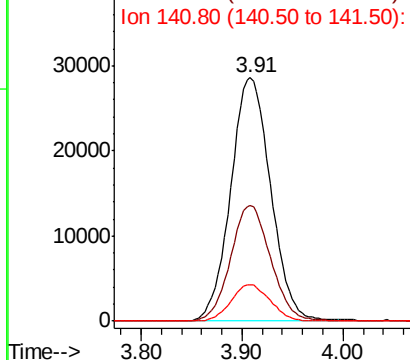
142 100

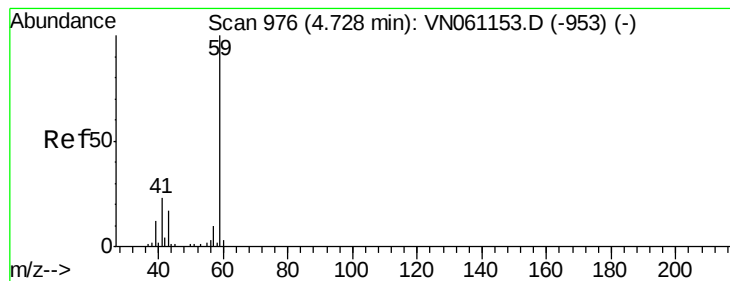
127 47.5 38.0 57.0

141 14.6 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



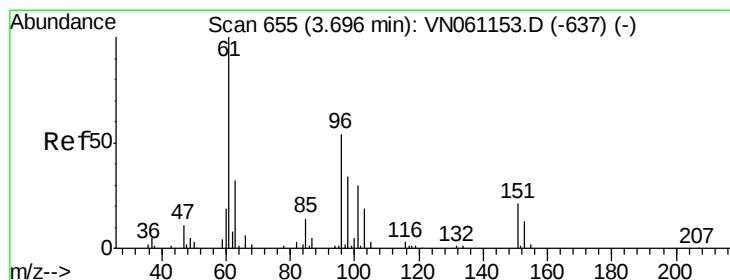
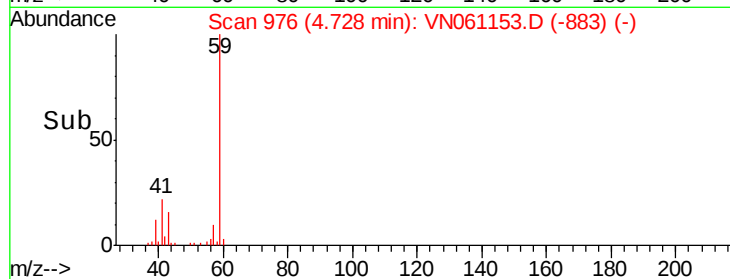
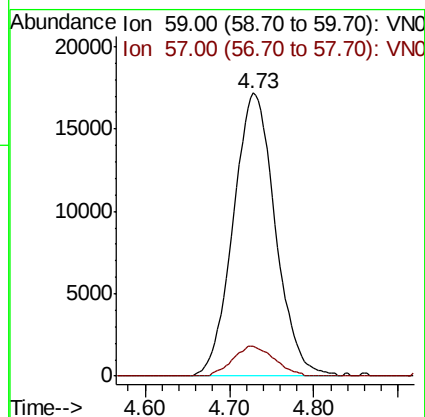
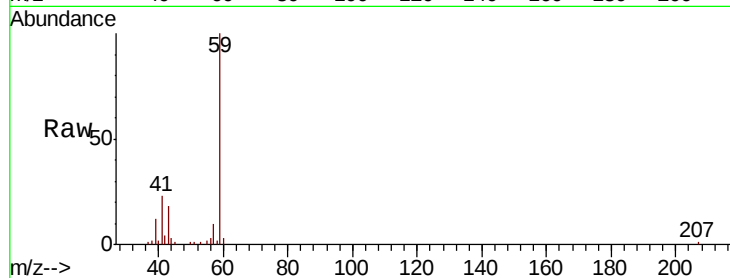


#11

Tert butyl alcohol
 Concen: 294.721 ug/l
 RT: 4.73 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VN061153.D
 Acq: 27 Apr 2020 17:12

Instrument :
 MSVOA_N
 ClientSampleId :

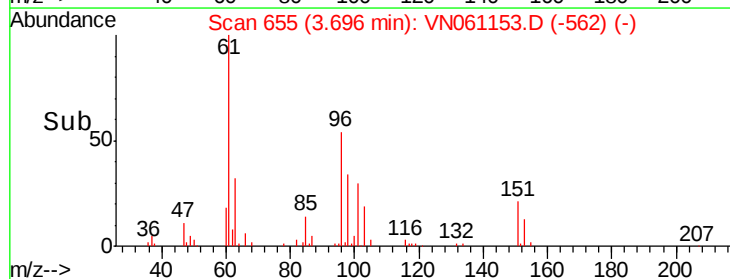
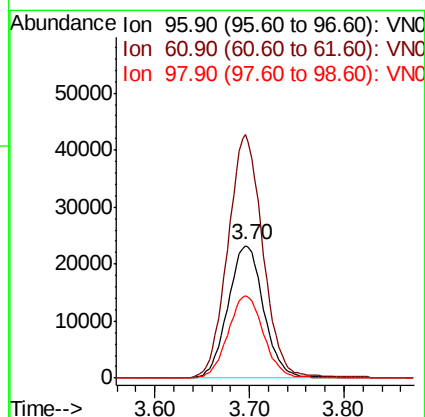
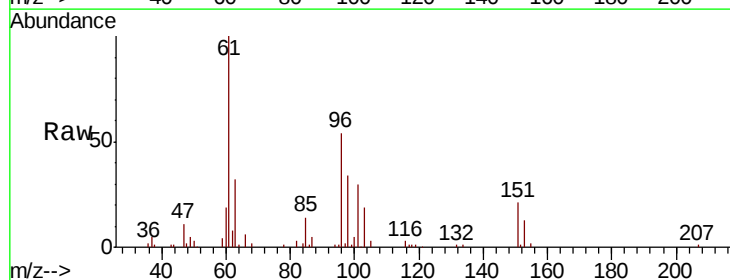
Tot Ion: 59 Resp: 59630
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.3 12.5

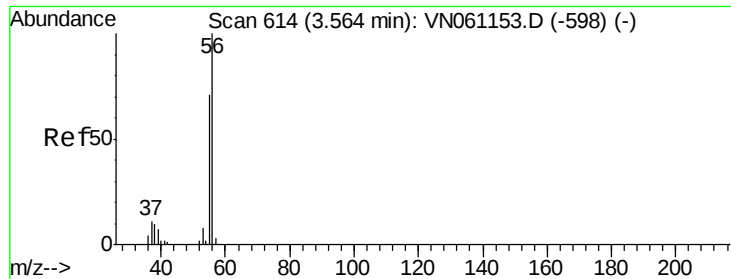


#12

1,1-Dichloroethene
 Concen: 52.495 ug/l
 RT: 3.70 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: VN061153.D
 Acq: 27 Apr 2020 17:12

Tgt Ion: 96 Resp: 60888
 Ion Ratio Lower Upper
 96 100
 61 183.8 147.0 220.6
 98 62.2 49.8 74.6

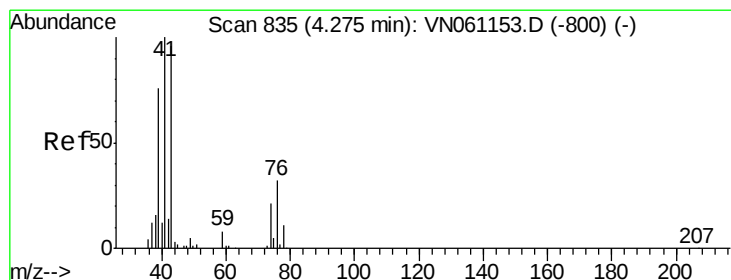
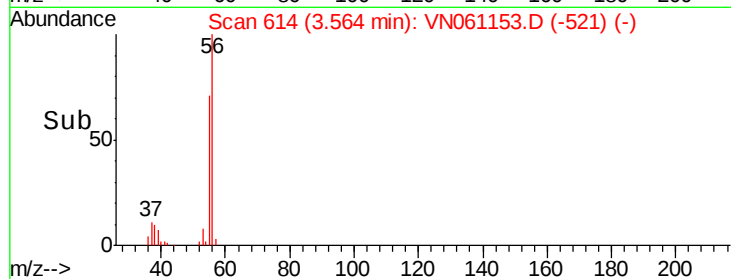
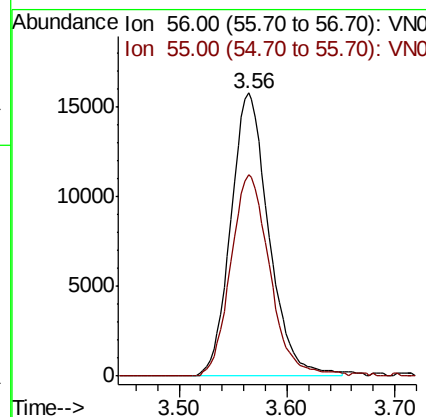
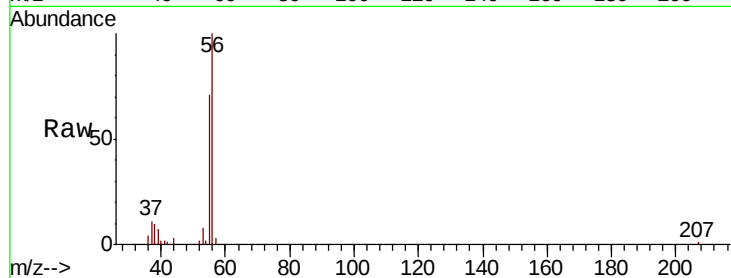




#13
Acrolein
Concen: 257.626 ug/l
RT: 3.56 min Scan# 614
Delta R.T. 0.00 min
Lab File: VN061153.D
Acq: 27 Apr 2020 17:12

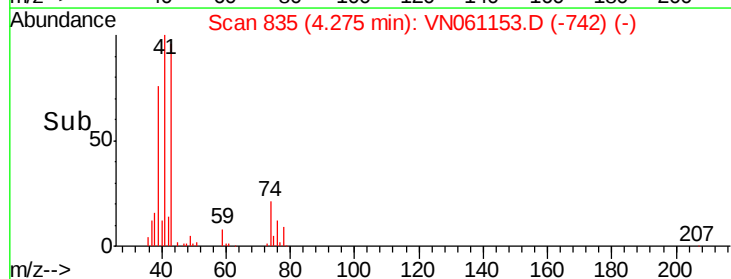
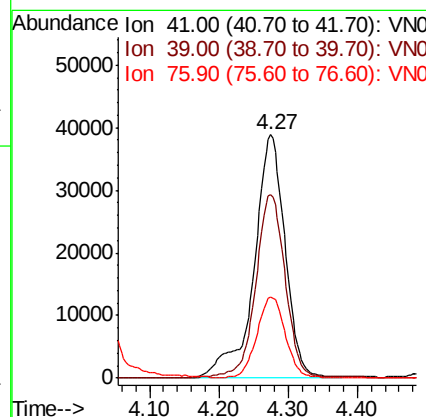
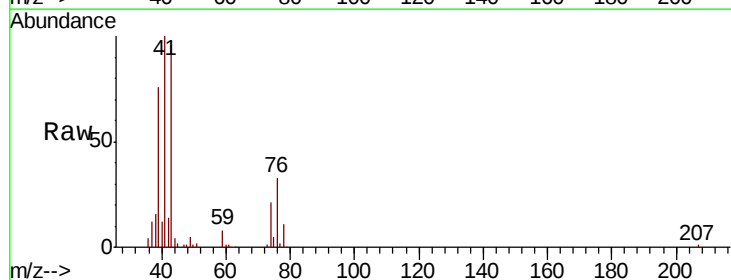
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 38807
Ion Ratio Lower Upper
56 100
55 73.1 58.5 87.7



#14
Allyl chloride
Concen: 64.639 ug/l
RT: 4.27 min Scan# 835
Delta R.T. 0.00 min
Lab File: VN061153.D
Acq: 27 Apr 2020 17:12

Tgt Ion: 41 Resp: 121424
Ion Ratio Lower Upper
41 100
39 71.4 57.1 85.7
76 30.4 24.3 36.5





#15

Acrylonitrile

Concen: 306.674 ug/l

RT: 4.93 min Scan# 1039

Delta R.T. 0.00 min

Lab File: VN061153.D

Acq: 27 Apr 2020 17:12

Instrument :

MSVOA_N

ClientSampleId :

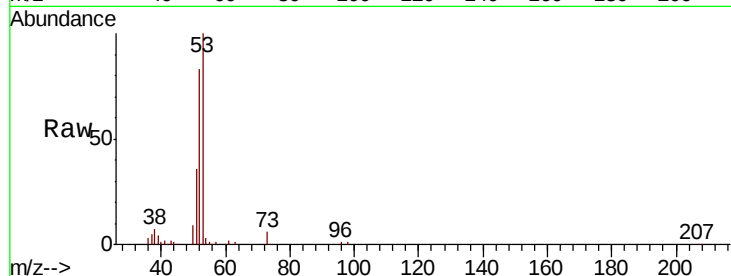
Tot Ion: 53 Resp: 192932

Ion Ratio Lower Upper

53 100

52 81.7 65.4 98.0

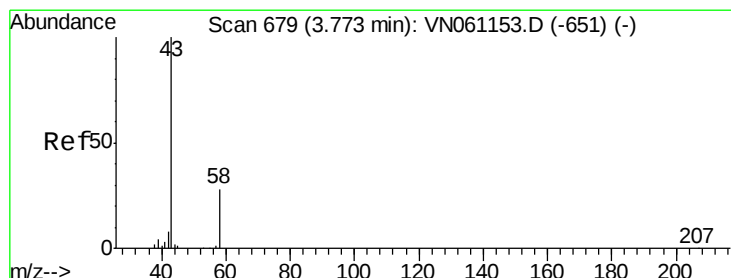
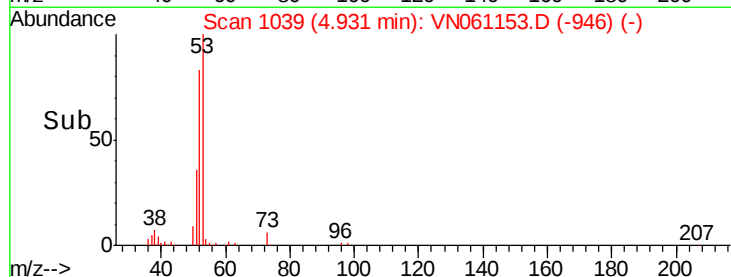
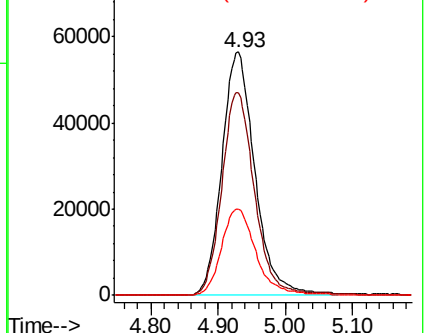
51 36.9 29.5 44.3



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: 225.808 ug/l

RT: 3.77 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN061153.D

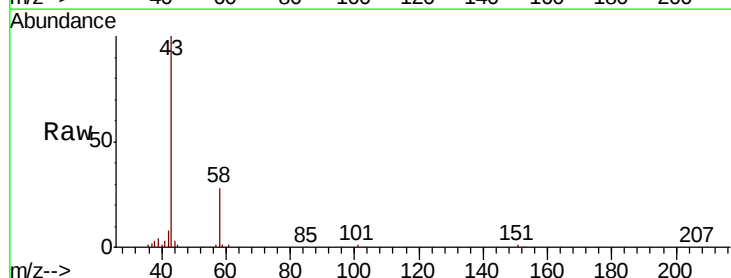
Acq: 27 Apr 2020 17:12

Tgt Ion: 43 Resp: 170866

Ion Ratio Lower Upper

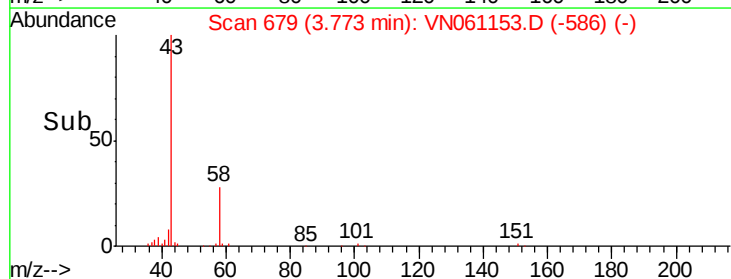
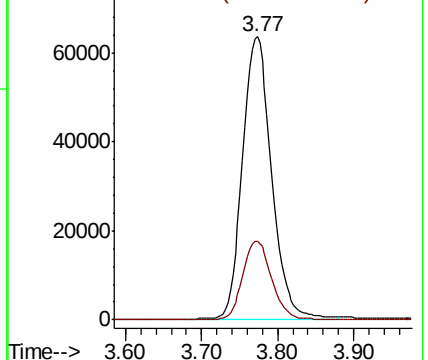
43 100

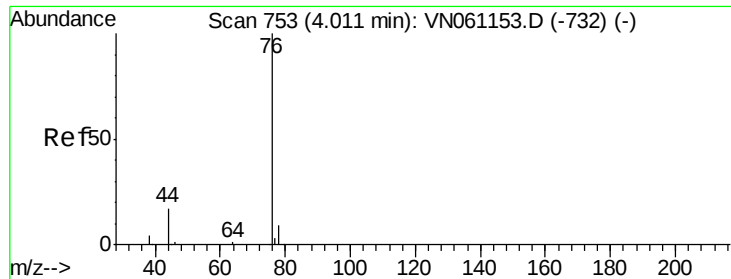
58 27.7 22.2 33.2



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

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

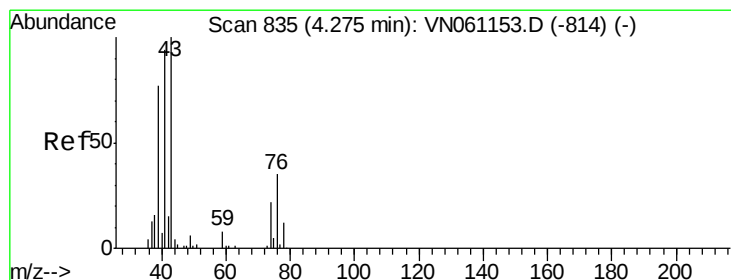
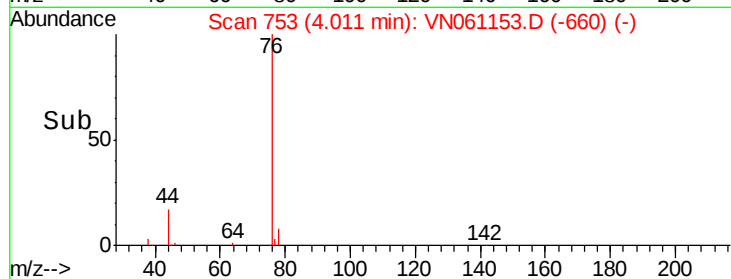
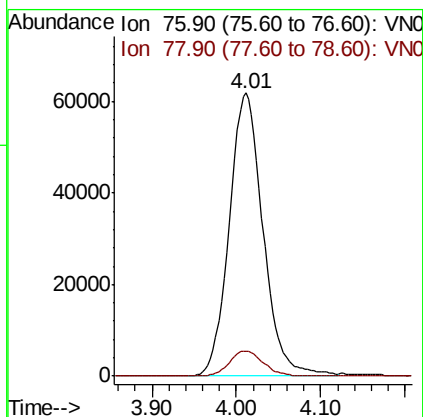
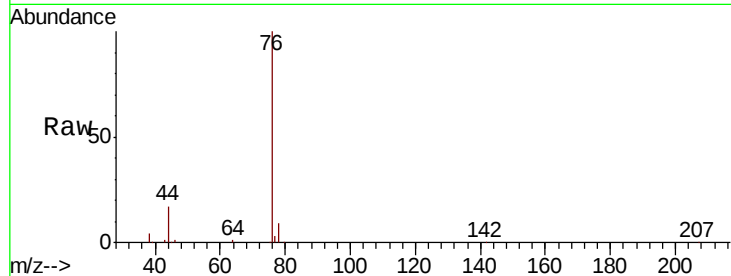




#17
Carbon Disulfide
Concen: 50.415 ug/l
RT: 4.01 min Scan# 753
Delta R.T. 0.00 min
Lab File: VN061153.D
Acq: 27 Apr 2020 17:12

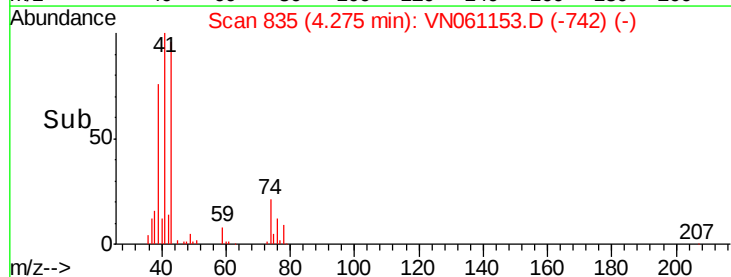
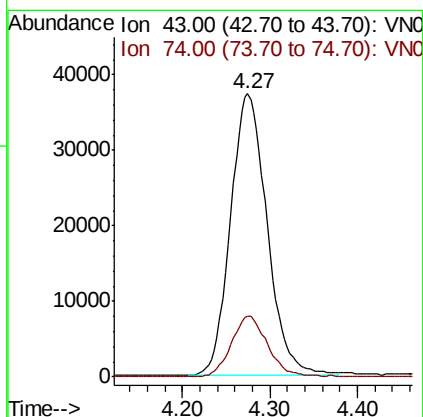
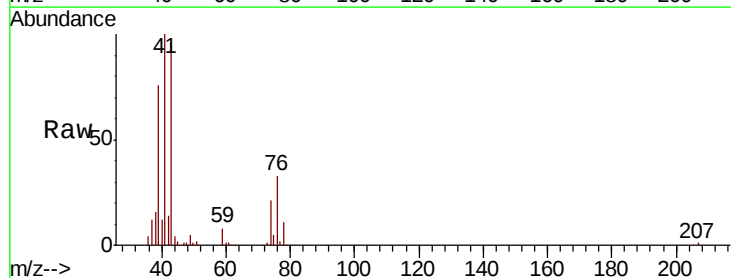
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 76 Resp: 172515
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 52.948 ug/l
RT: 4.27 min Scan# 835
Delta R.T. 0.00 min
Lab File: VN061153.D
Acq: 27 Apr 2020 17:12

Tgt Ion: 43 Resp: 108482
Ion Ratio Lower Upper
43 100
74 21.2 17.0 25.4

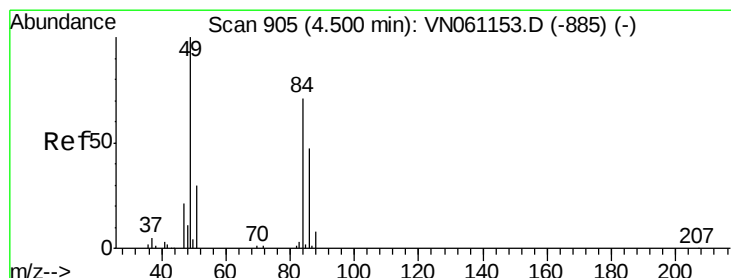
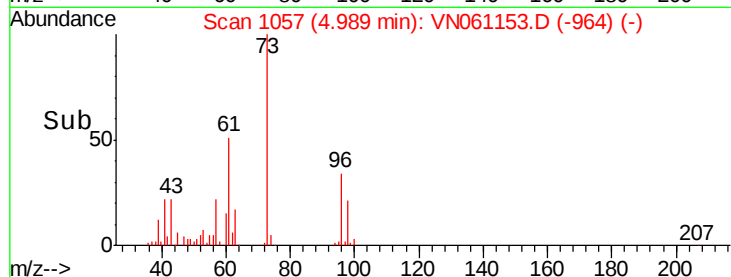
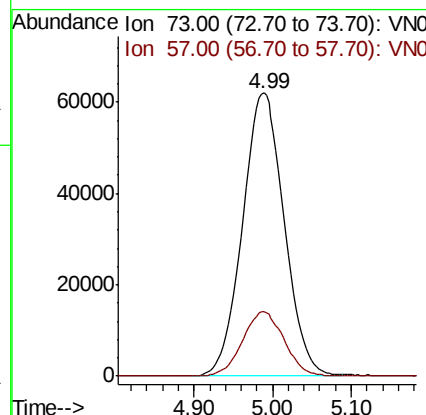
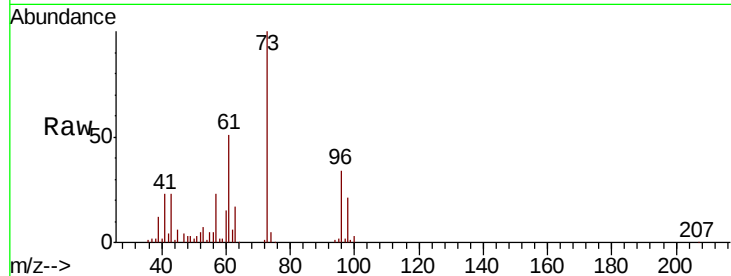




#19
Methyl tert-butyl Ether
Concen: 55.728 ug/l
RT: 4.99 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VN061153.D
Acq: 27 Apr 2020 17:12

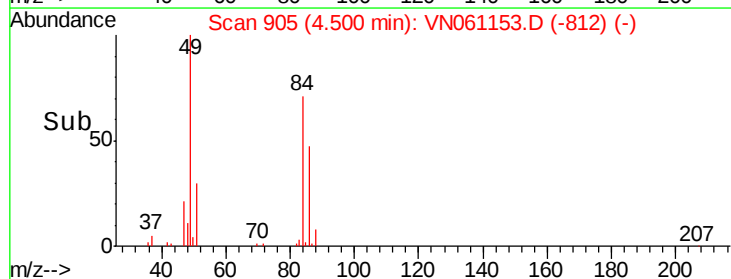
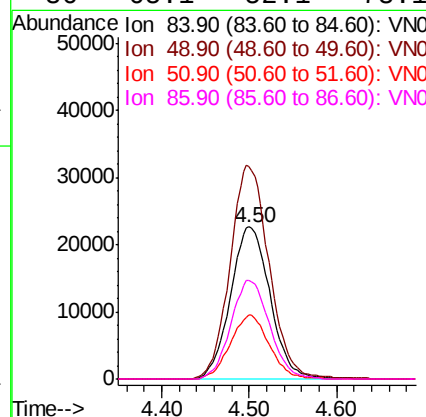
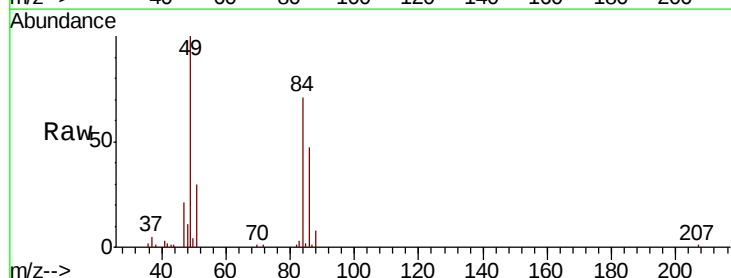
Instrument :
MSVOA_N
ClientSampleId :

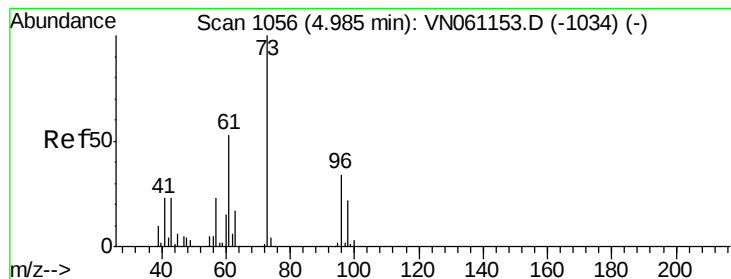
Tot Ion: 73 Resp: 230692
Ion Ratio Lower Upper
73 100
57 22.9 18.3 27.5



#20
Methylene Chloride
Concen: 52.720 ug/l
RT: 4.50 min Scan# 905
Delta R.T. 0.00 min
Lab File: VN061153.D
Acq: 27 Apr 2020 17:12

Tgt Ion: 84 Resp: 71007
Ion Ratio Lower Upper
84 100
49 140.0 112.0 168.0
51 42.0 33.6 50.4
86 65.1 52.1 78.1



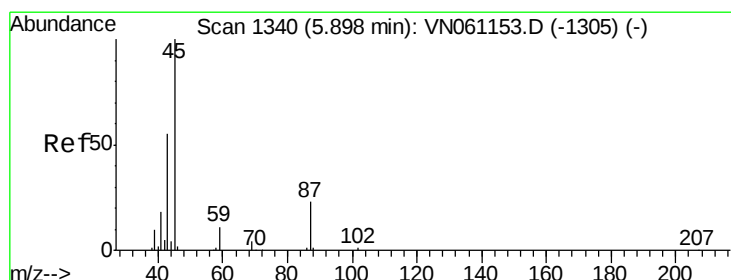
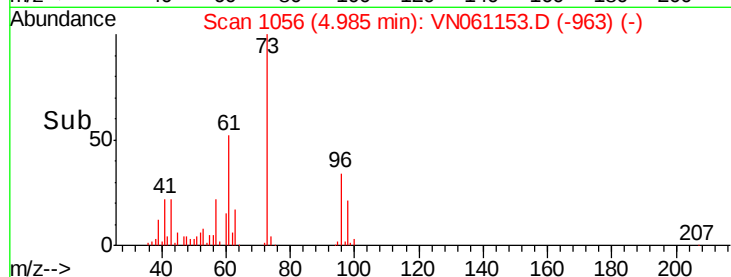
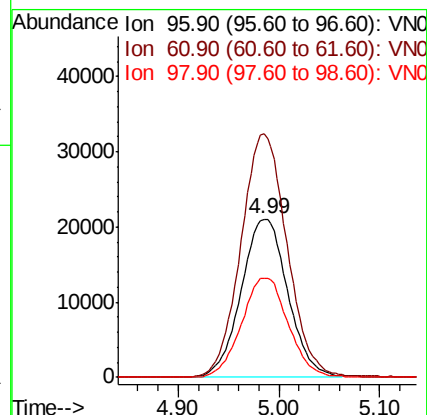
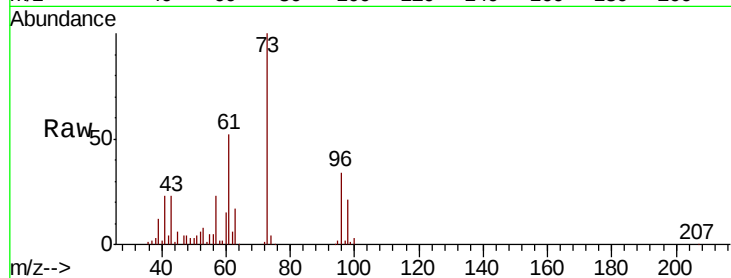


#21

trans-1,2-Dichloroethene
Concen: 48.852 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VN061153.D
Acq: 27 Apr 2020 17:12

Instrument :
MSVOA_N
ClientSampleId :

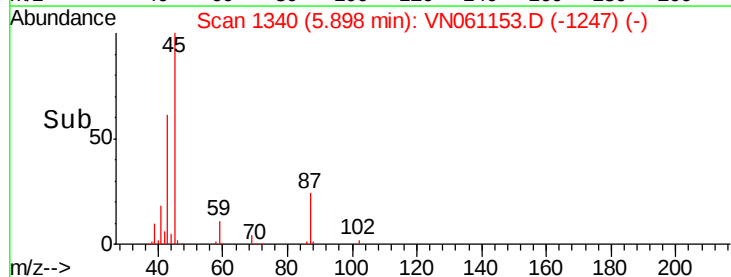
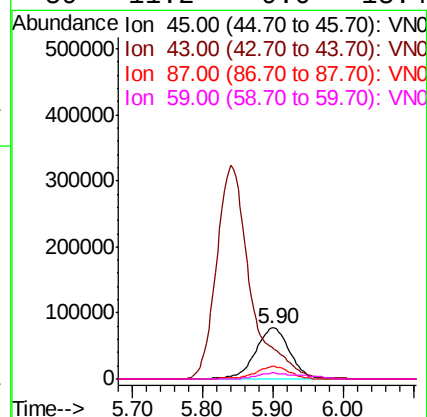
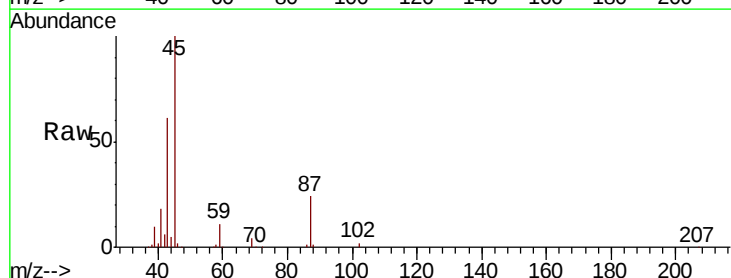
Tot Ion: 96 Resp: 67514
Ion Ratio Lower Upper
96 100
61 153.7 123.0 184.4
98 62.6 50.1 75.1

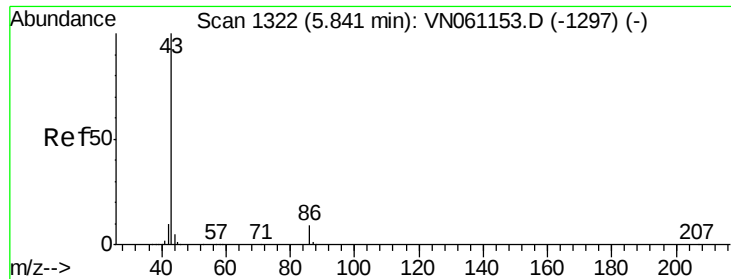


#22

Diisopropyl ether
Concen: 60.435 ug/l
RT: 5.90 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VN061153.D
Acq: 27 Apr 2020 17:12

Tgt Ion: 45 Resp: 263446
Ion Ratio Lower Upper
45 100
43 59.9 47.9 71.9
87 24.0 19.2 28.8
59 11.2 9.0 13.4

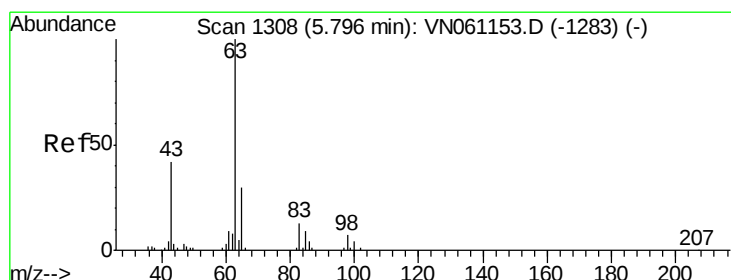
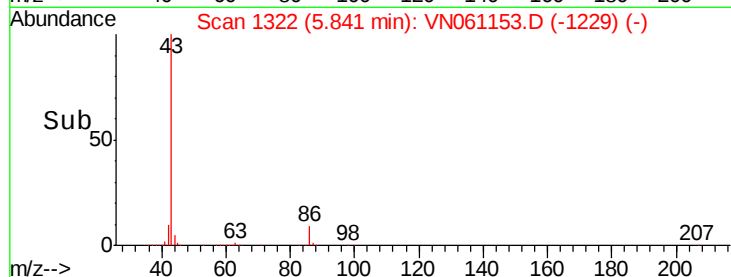
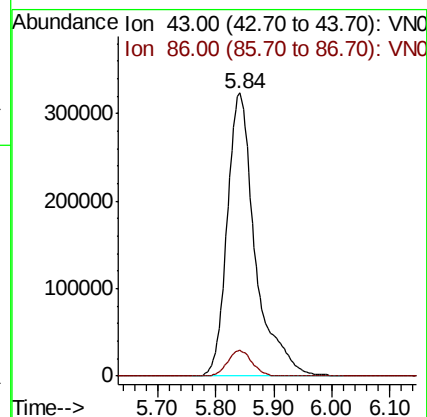
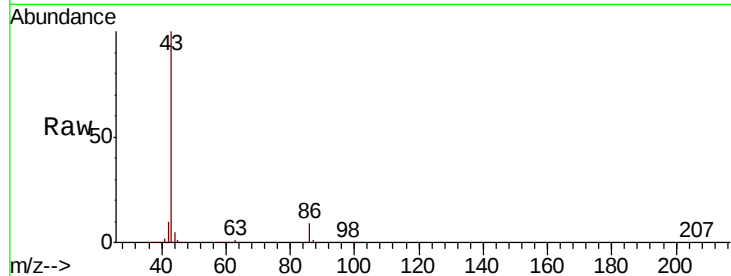




#23
 Vinyl Acetate
 Concen: 310.774 ug/l
 RT: 5.84 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VN061153.D
 Acq: 27 Apr 2020 17:12

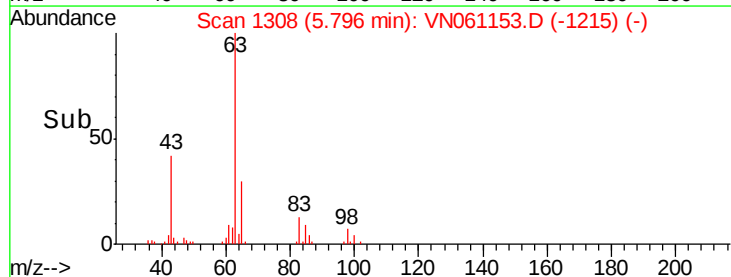
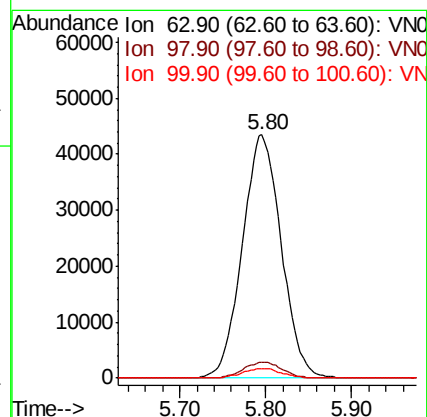
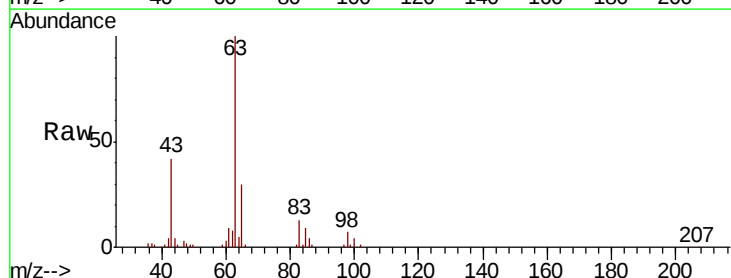
Instrument :
 MSVOA_N
 ClientSampleId :

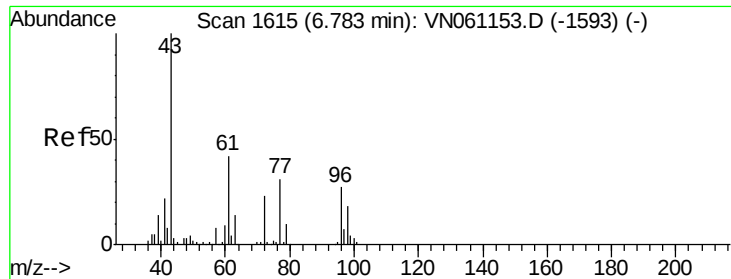
Tot Ion: 43 Resp: 1086846
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 57.528 ug/l
 RT: 5.80 min Scan# 1308
 Delta R.T. 0.00 min
 Lab File: VN061153.D
 Acq: 27 Apr 2020 17:12

Tgt Ion: 63 Resp: 136855
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 3.8 1.9 5.7

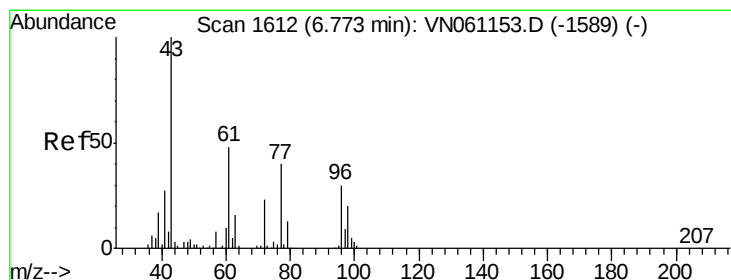
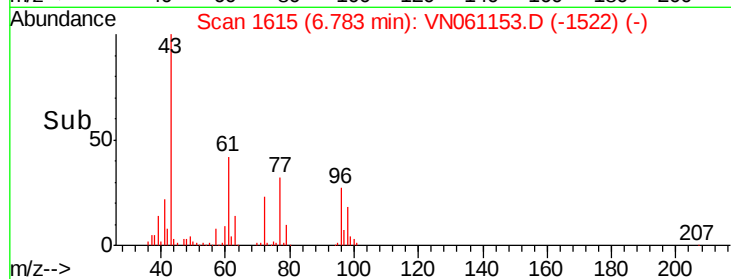
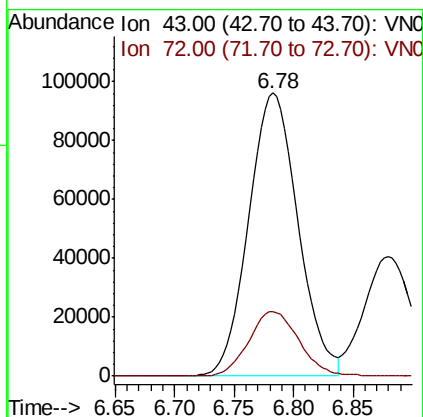
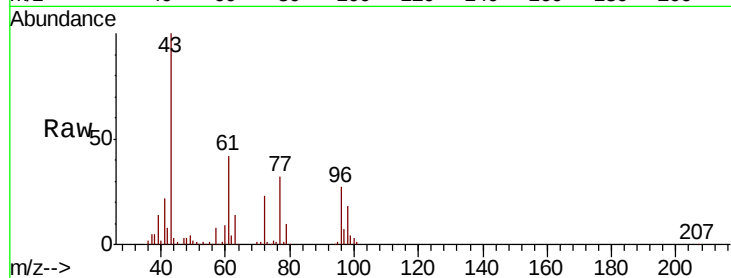




#25
2-Butanone
Concen: 319.206 ug/l
RT: 6.78 min Scan# 1615
Delta R.T. 0.00 min
Lab File: VN061153.D
Acq: 27 Apr 2020 17:12

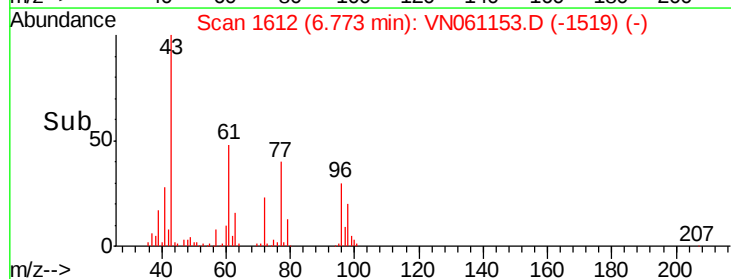
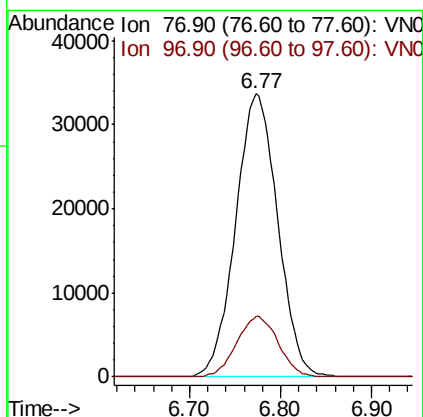
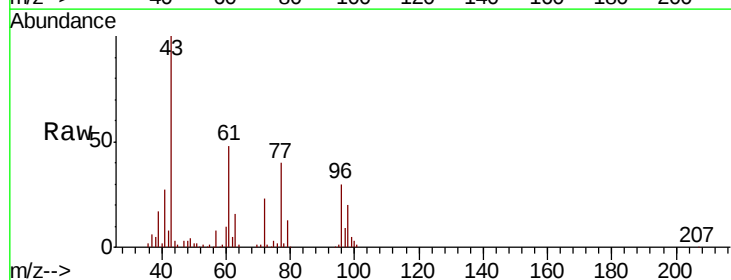
Instrument :
MSVOA_N
ClientSampled :

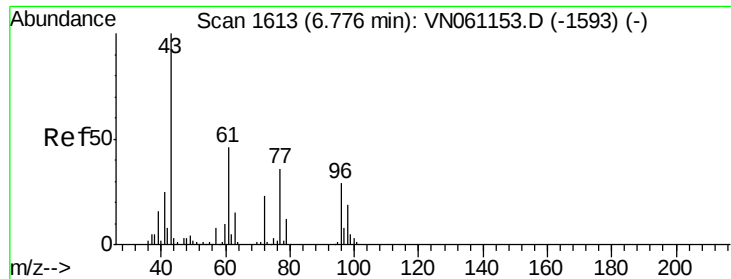
Tot Ion: 43 Resp: 276770
Ion Ratio Lower Upper
43 100
72 22.8 18.2 27.4



#26
2,2-Dichloropropane
Concen: 51.478 ug/l
RT: 6.77 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VN061153.D
Acq: 27 Apr 2020 17:12

Tgt Ion: 77 Resp: 108034
Ion Ratio Lower Upper
77 100
97 21.0 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 50.495 ug/l

RT: 6.78 min Scan# 1613

Delta R.T. 0.00 min

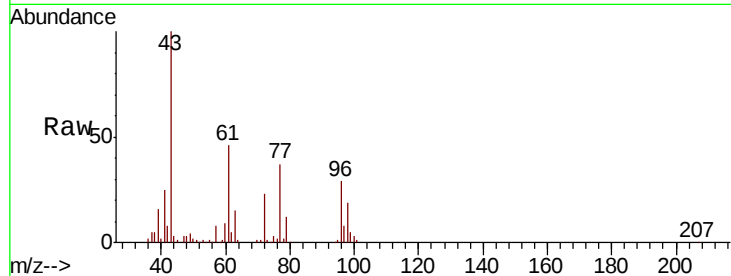
Lab File: VN061153.D

Acq: 27 Apr 2020 17:12

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 77649

Ion	Ratio	Lower	Upper
96	100		
61	161.0	0.0	322.0
98	64.8	0.0	129.6

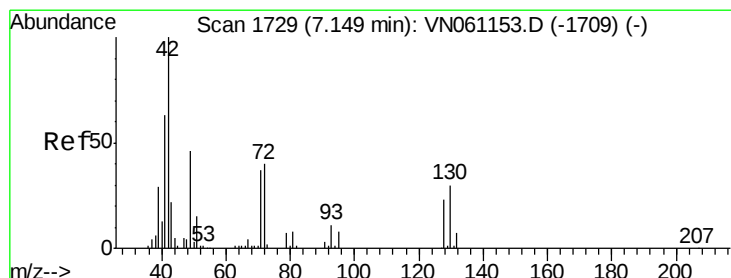
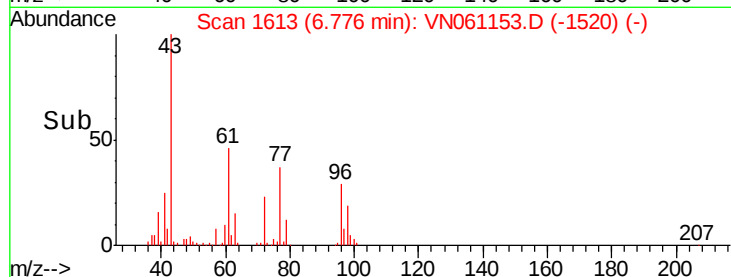
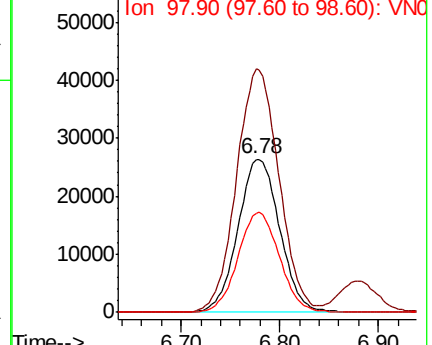


Abundance

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: 58.982 ug/l

RT: 7.15 min Scan# 1729

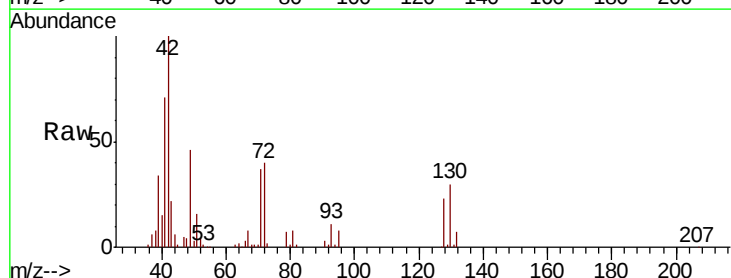
Delta R.T. 0.00 min

Lab File: VN061153.D

Acq: 27 Apr 2020 17:12

Tgt Ion: 49 Resp: 60854

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.0
130	64.3	51.4	77.2

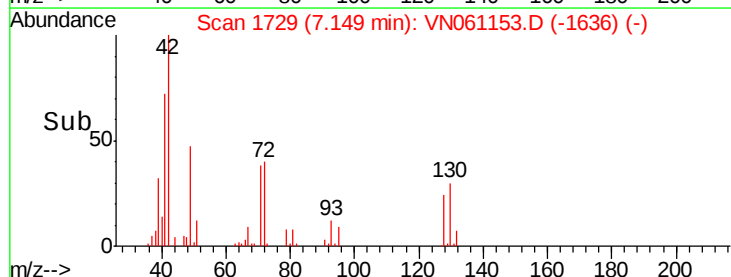
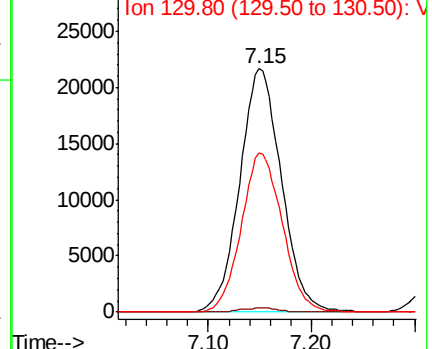


Abundance

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

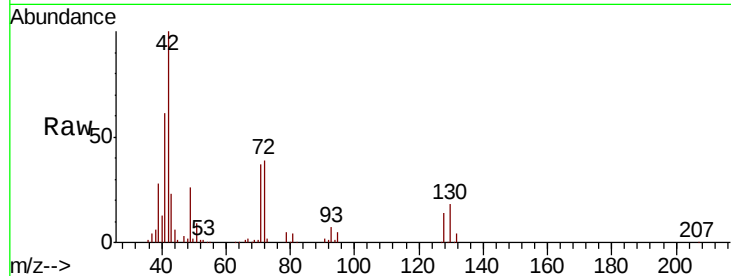




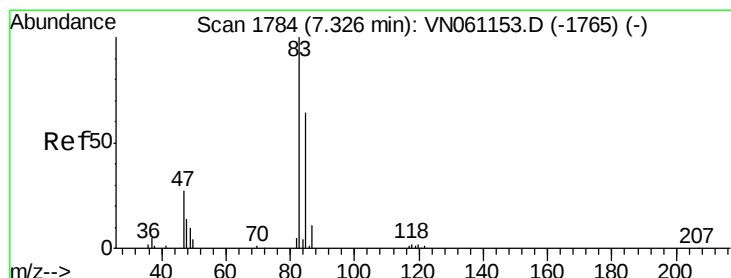
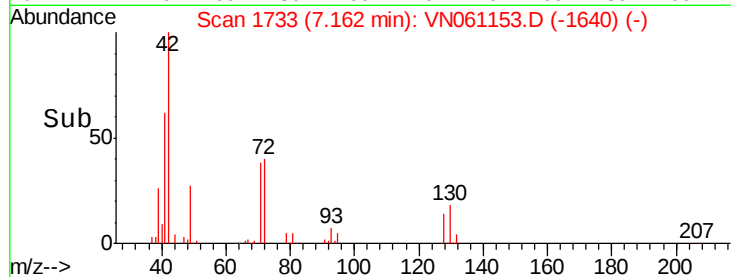
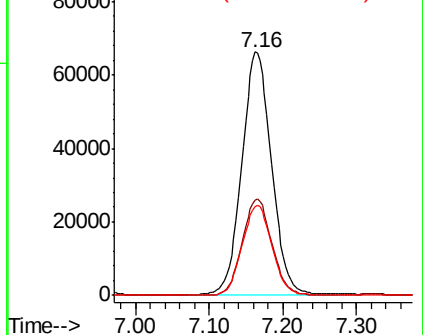
#29
Tetrahydrofuran
Concen: 314.049 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN061153.D
Acq: 27 Apr 2020 17:12

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 187342
Ion Ratio Lower Upper
42 100
72 39.2 31.4 47.0
71 36.9 29.5 44.3

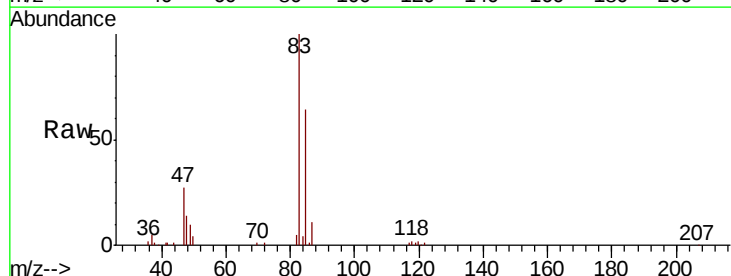


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

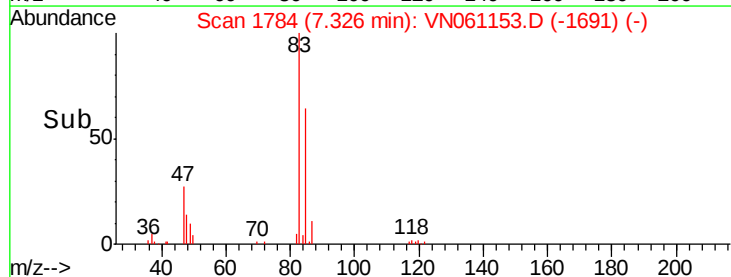
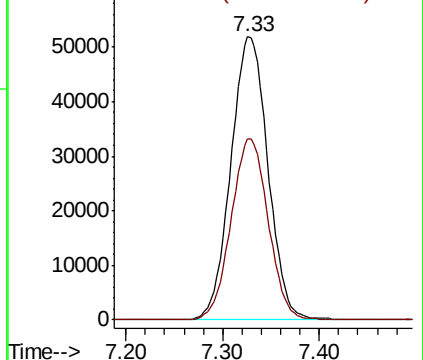


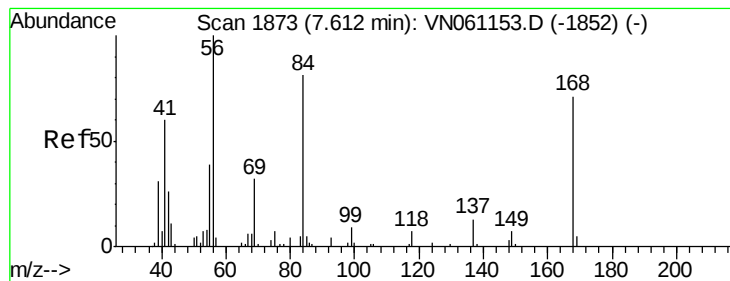
#30
Chloroform
Concen: 57.301 ug/l
RT: 7.33 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VN061153.D
Acq: 27 Apr 2020 17:12

Tgt Ion: 83 Resp: 137784
Ion Ratio Lower Upper
83 100
85 63.9 51.1 76.7



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





#31

Cyclohexane

Concen: 53.389 ug/l

RT: 7.61 min Scan# 1873

Delta R.T. 0.00 min

Lab File: VN061153.D

Acq: 27 Apr 2020 17:12

Instrument :
MSVOA_N
ClientSampled :

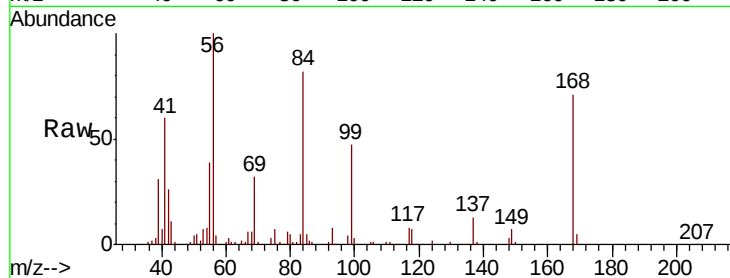
Tot Ion: 56 Resp: 127438

Ion Ratio Lower Upper

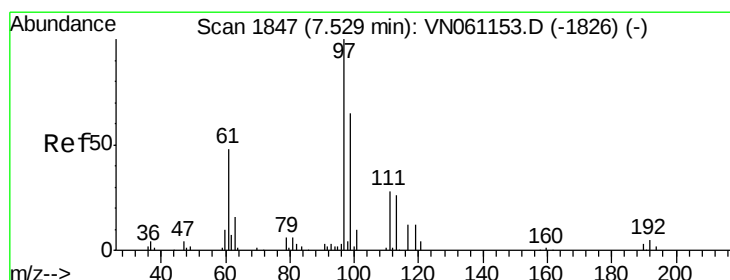
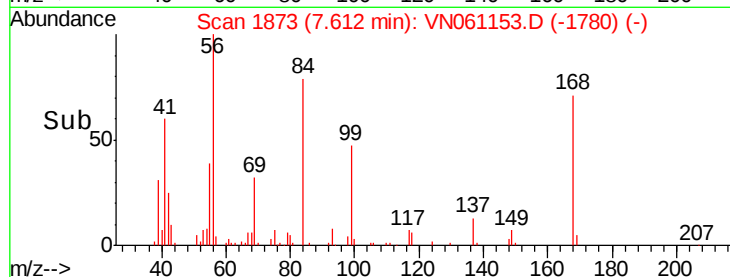
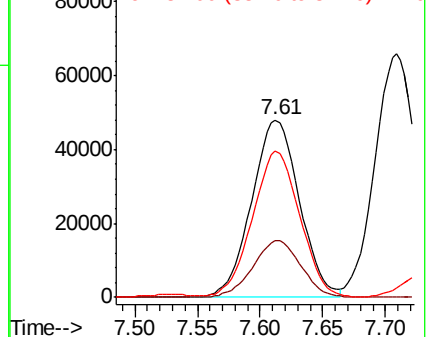
56 100

69 32.1 25.7 38.5

84 80.8 64.6 97.0



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



#32

1,1,1-Trichloroethane

Concen: 56.448 ug/l

RT: 7.53 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VN061153.D

Acq: 27 Apr 2020 17:12

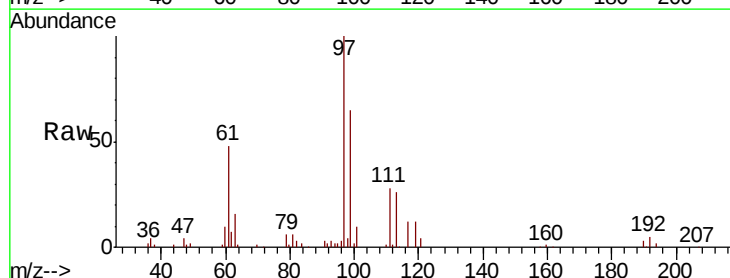
Tgt Ion: 97 Resp: 121011

Ion Ratio Lower Upper

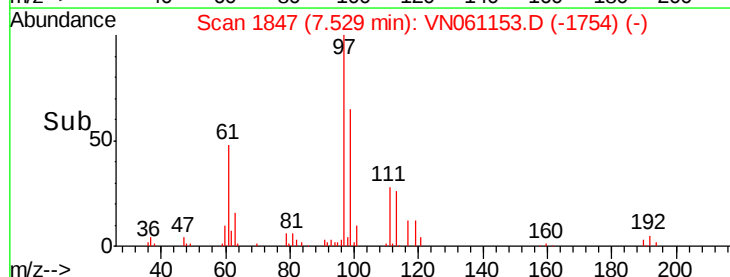
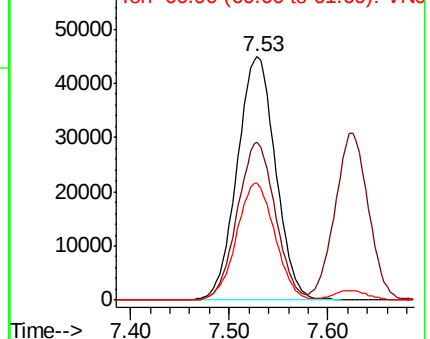
97 100

99 64.1 51.3 76.9

61 48.2 38.6 57.8



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





#33

1,2-Dichloroethane-d4

Concen: 55.643 ug/l

RT: 7.99 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN061153.D

Acq: 27 Apr 2020 17:12

Instrument :

MSVOA_N

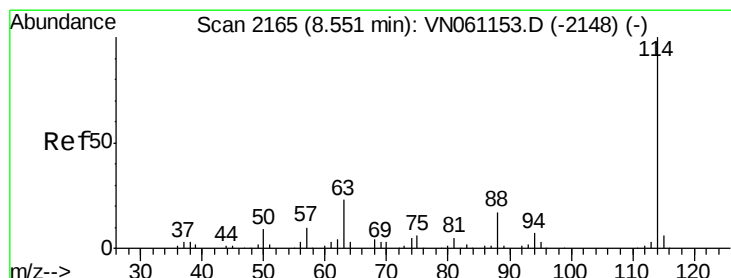
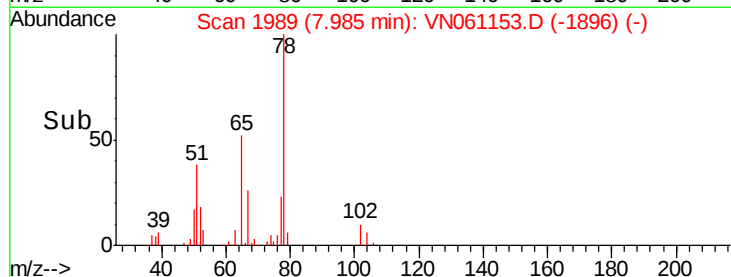
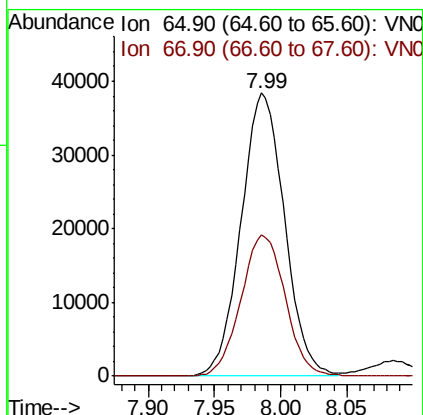
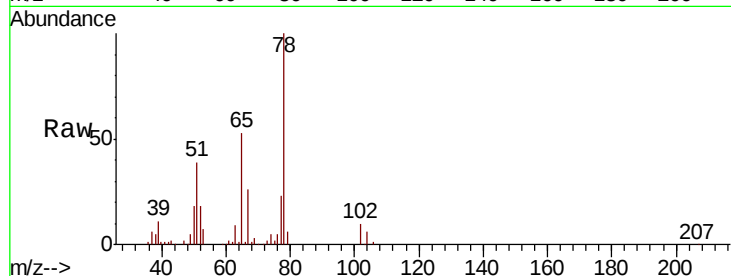
ClientSampleId :

Tot Ion: 65 Resp: 87592

Ion Ratio Lower Upper

65 100

67 50.8 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VN061153.D

Acq: 27 Apr 2020 17:12

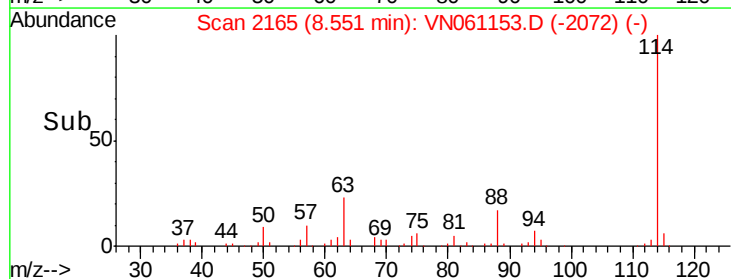
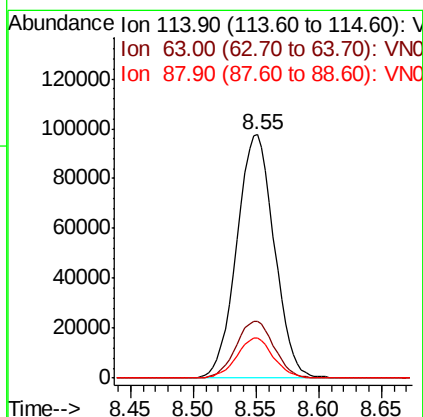
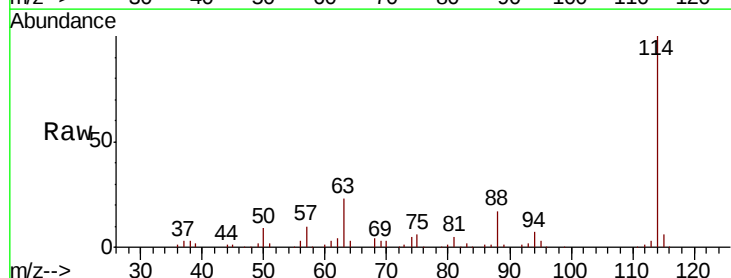
Tgt Ion: 114 Resp: 203037

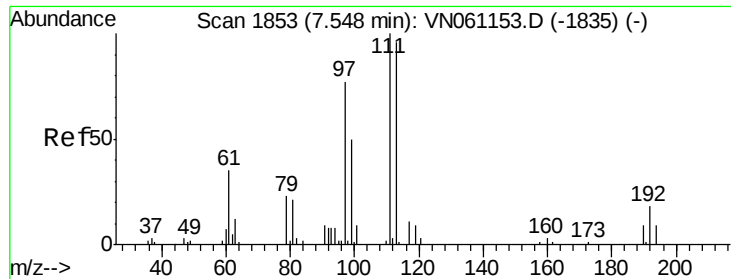
Ion Ratio Lower Upper

114 100

63 23.3 0.0 46.6

88 16.7 0.0 33.4

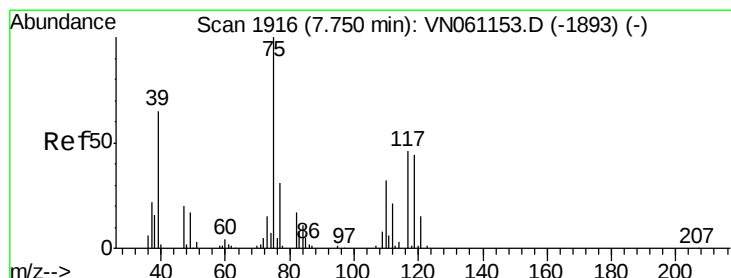
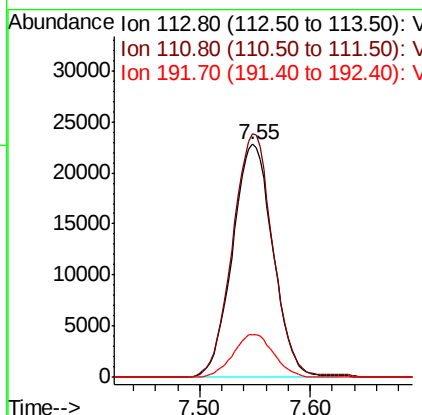
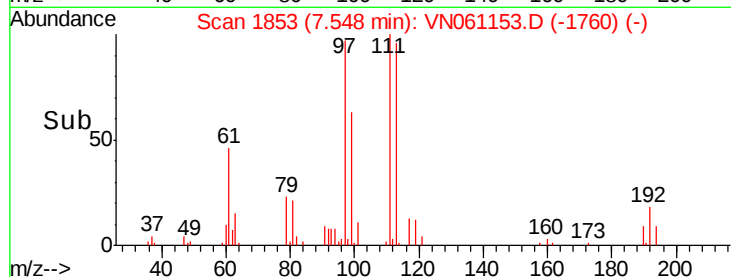
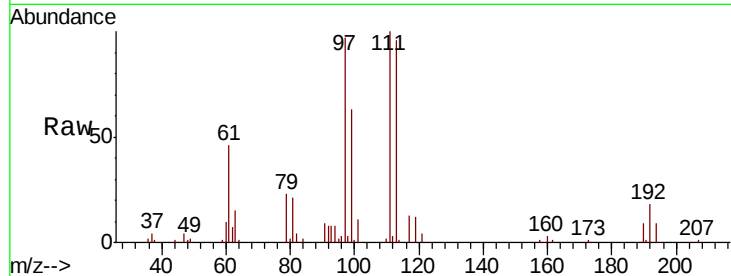




#35
 Dibromofluoromethane
 Concen: 49.984 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061153.D
 Acq: 27 Apr 2020 17:12

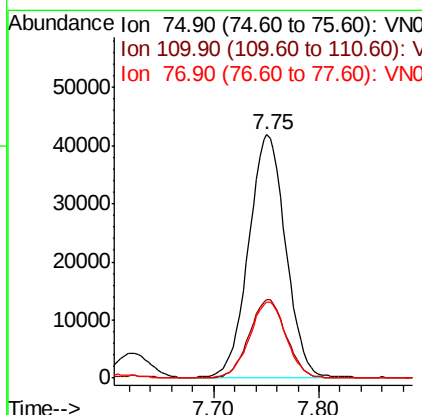
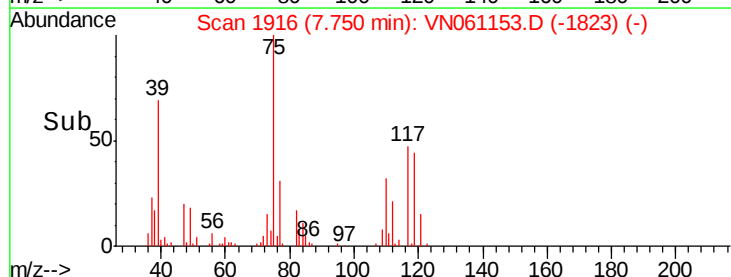
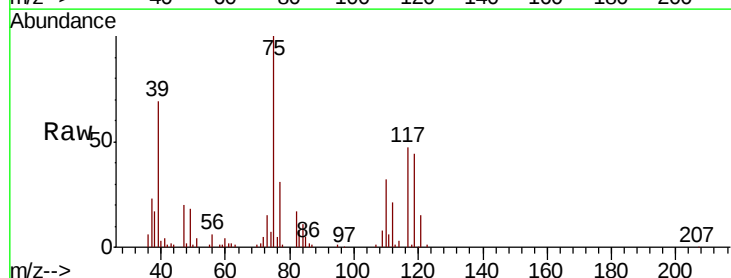
Instrument :
 MSVOA_N
 ClientSampleId :

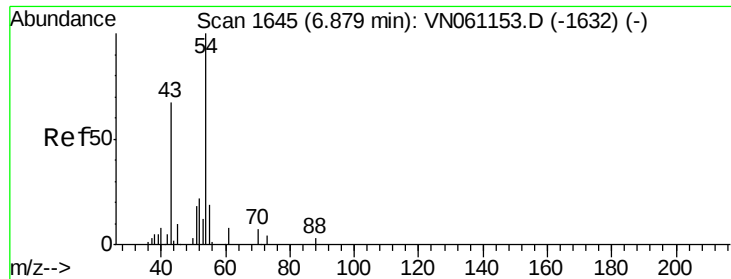
Tot Ion:113 Resp: 58145
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.9 124.3
 192 18.4 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 51.577 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VN061153.D
 Acq: 27 Apr 2020 17:12

Tgt Ion: 75 Resp: 102693
 Ion Ratio Lower Upper
 75 100
 110 32.0 16.0 48.0
 77 30.8 24.6 37.0

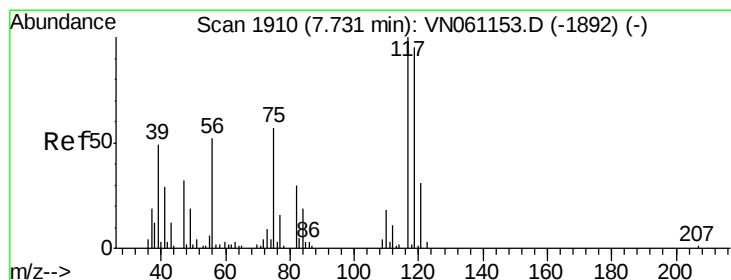
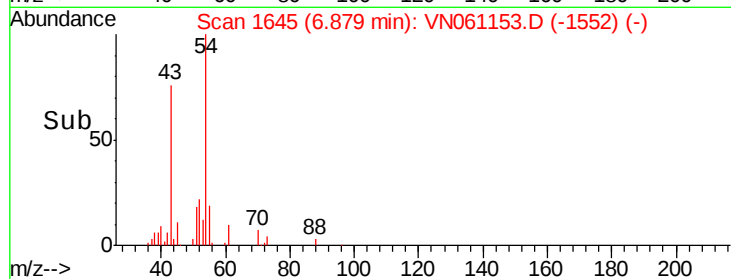
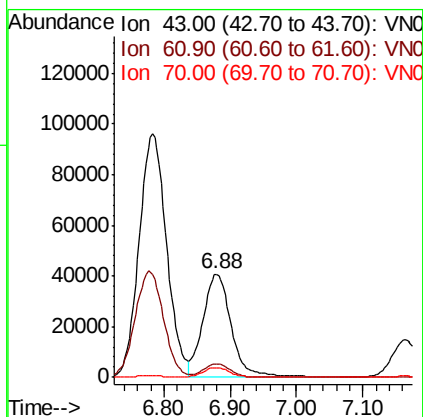
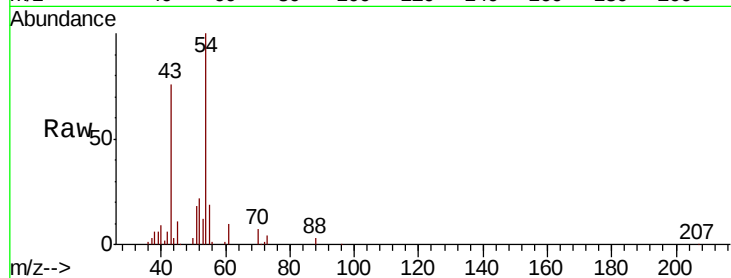




#37
Ethyl Acetate
Concen: 58.406 ug/l
RT: 6.88 min Scan# 1645
Delta R.T. 0.00 min
Lab File: VN061153.D
Acq: 27 Apr 2020 17:12

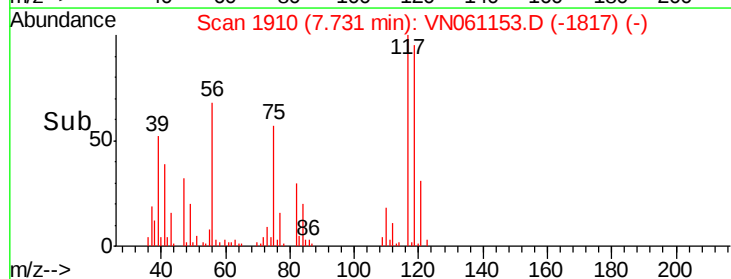
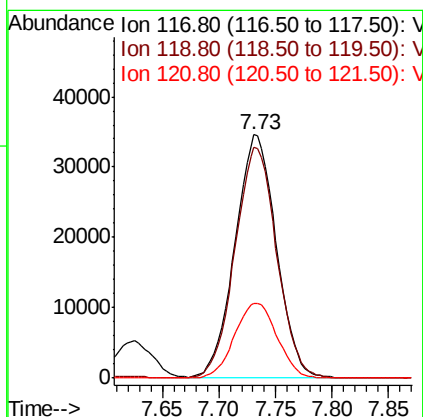
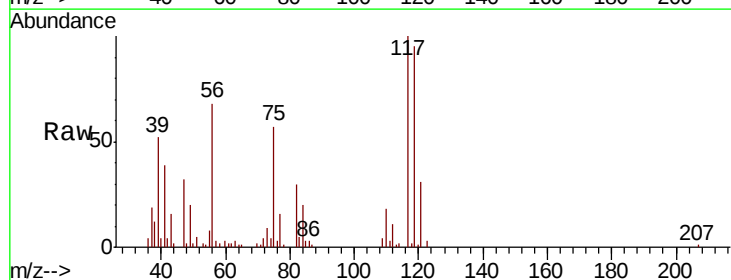
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 119459
Ion Ratio Lower Upper
43 100
61 12.7 10.2 15.2
70 9.0 7.2 10.8



#38
Carbon Tetrachloride
Concen: 50.939 ug/l
RT: 7.73 min Scan# 1910
Delta R.T. 0.00 min
Lab File: VN061153.D
Acq: 27 Apr 2020 17:12

Tgt Ion: 117 Resp: 88092
Ion Ratio Lower Upper
117 100
119 94.7 75.8 113.6
121 30.9 24.7 37.1

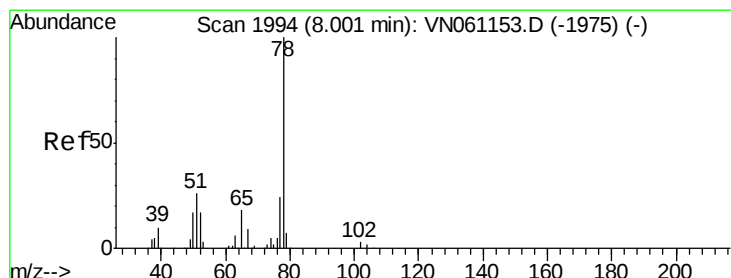
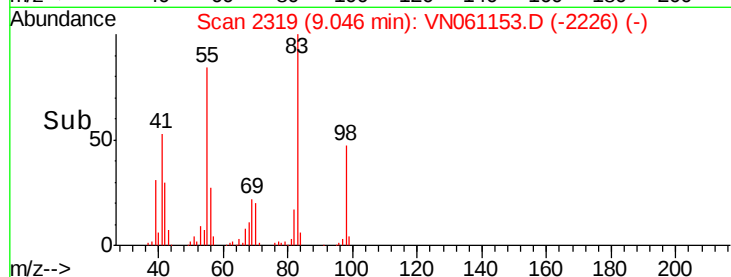
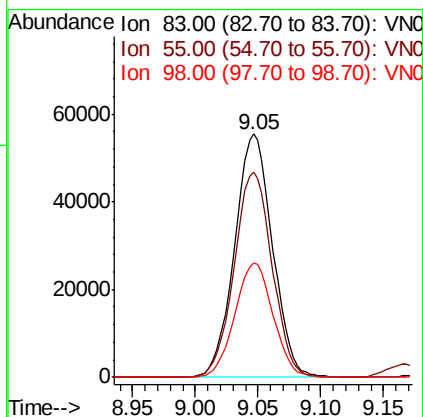
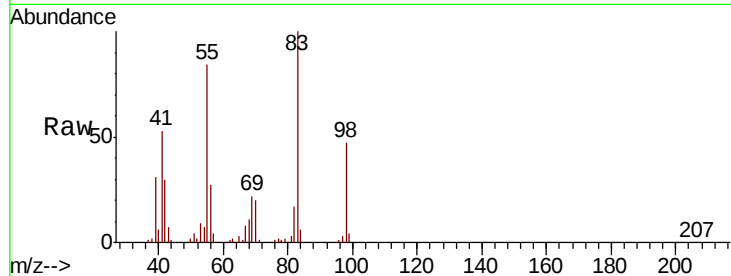




#39
Methvlcvclohexane
Concen: 48.411 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061153.D
Acq: 27 Apr 2020 17:12

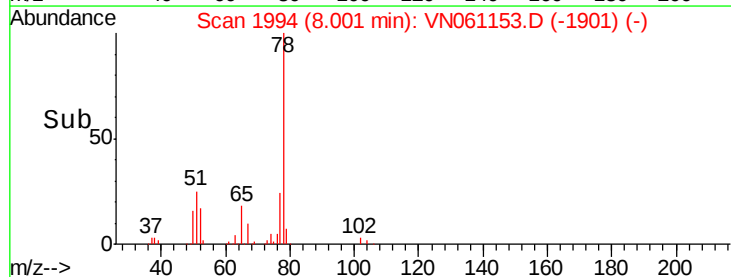
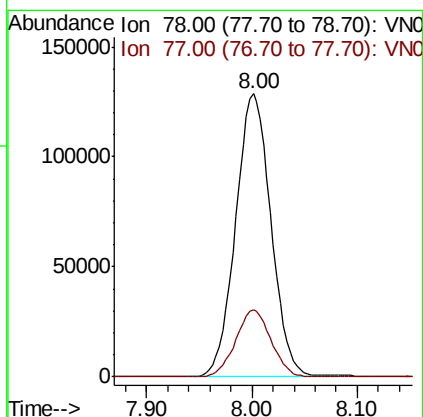
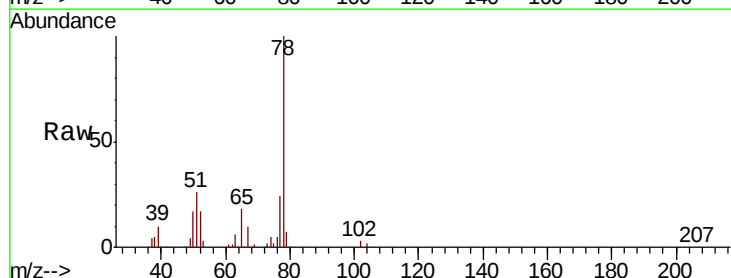
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 116178
Ion Ratio Lower Upper
83 100
55 84.1 67.3 100.9
98 47.1 37.7 56.5



#40
Benzene
Concen: 50.954 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. 0.00 min
Lab File: VN061153.D
Acq: 27 Apr 2020 17:12

Tgt Ion: 78 Resp: 299897
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6

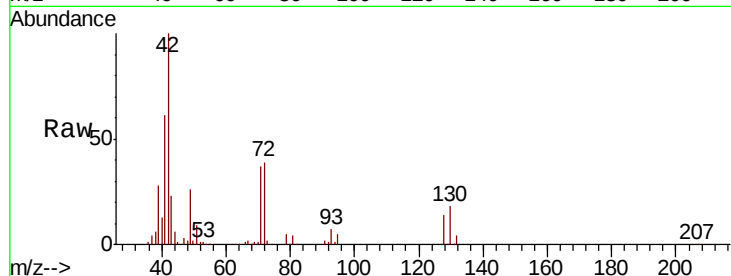




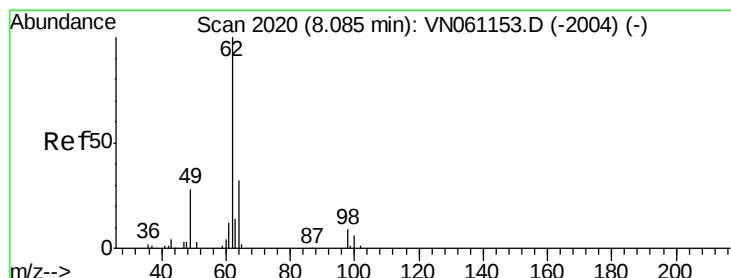
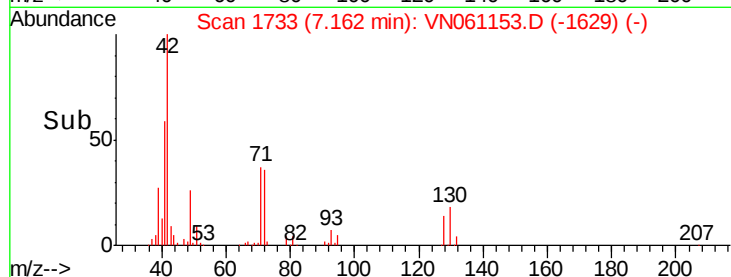
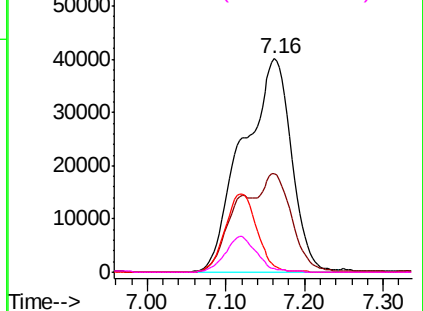
#41
Methacrylonitrile
Concen: 185.313 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. 0.04 min
Lab File: VN061153.D
Acq: 27 Apr 2020 17:12

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	173637
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

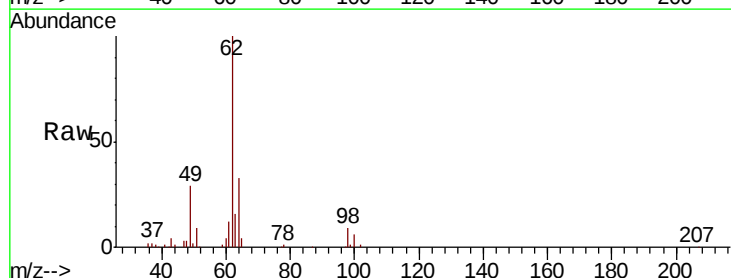


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

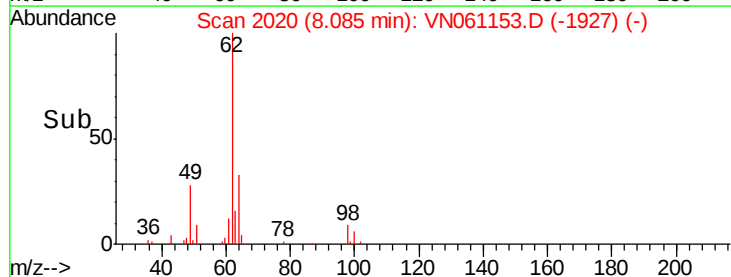
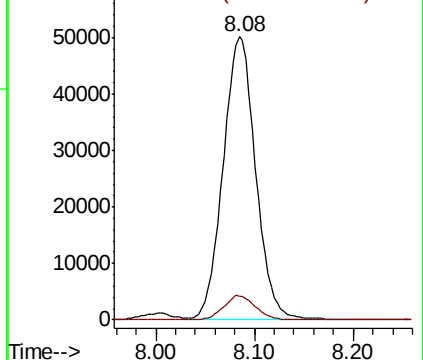


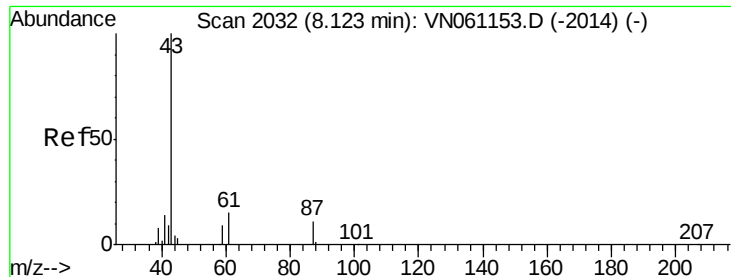
#42
1,2-Dichloroethane
Concen: 54.236 ug/l
RT: 8.08 min Scan# 2020
Delta R.T. 0.00 min
Lab File: VN061153.D
Acq: 27 Apr 2020 17:12

Tgt Ion:	62	Resp:	115385
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.8



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

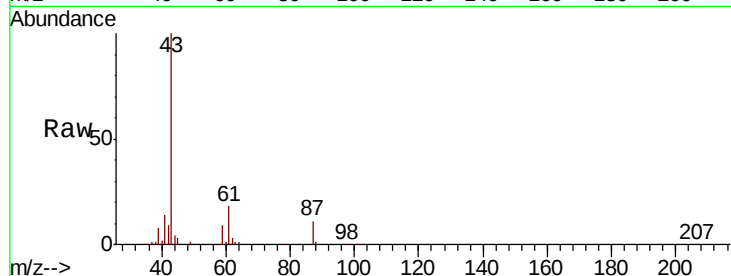




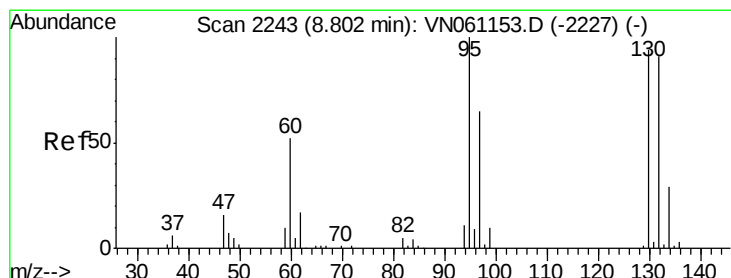
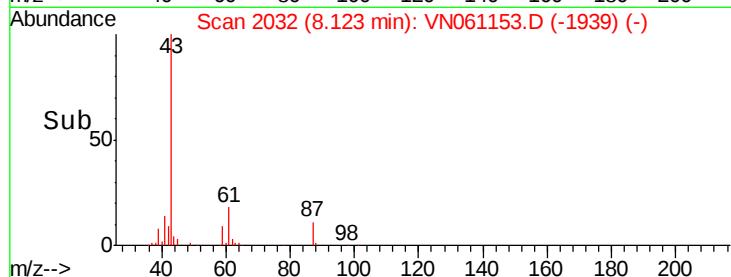
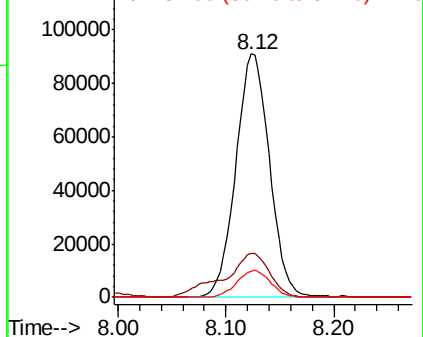
#43
Isopropyl Acetate
Concen: 57.282 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. 0.00 min
Lab File: VN061153.D
Acq: 27 Apr 2020 17:12

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 198400
Ion Ratio Lower Upper
43 100
61 24.4 19.5 29.3
87 11.1 8.9 13.3

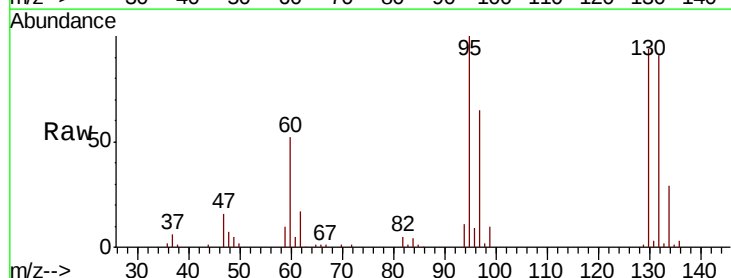


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

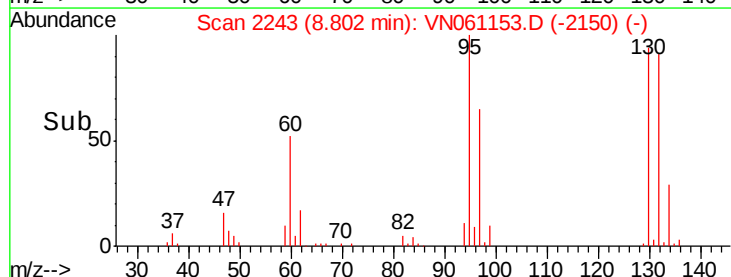
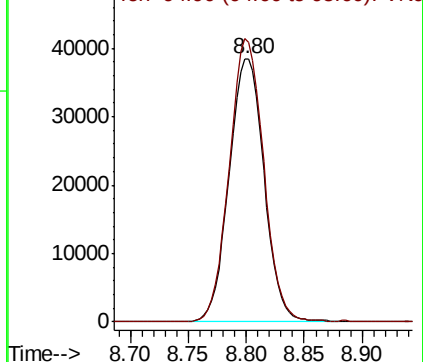


#44
Trichloroethene
Concen: 47.568 ug/l
RT: 8.80 min Scan# 2243
Delta R.T. 0.00 min
Lab File: VN061153.D
Acq: 27 Apr 2020 17:12

Tgt Ion:130 Resp: 80490
Ion Ratio Lower Upper
130 100
95 106.2 0.0 212.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 51.712 ug/l

RT: 9.08 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VN061153.D

Acq: 27 Apr 2020 17:12

Instrument :

MSVOA_N

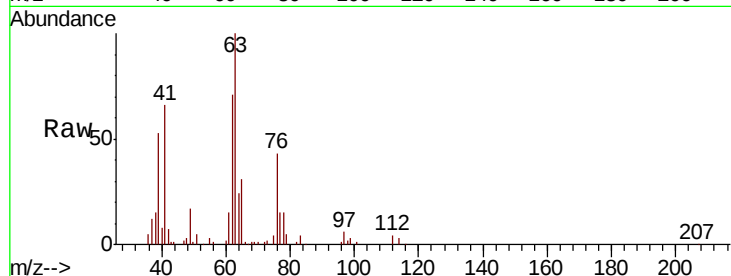
ClientSampled :

Tot Ion: 63 Resp: 80913

Ion Ratio Lower Upper

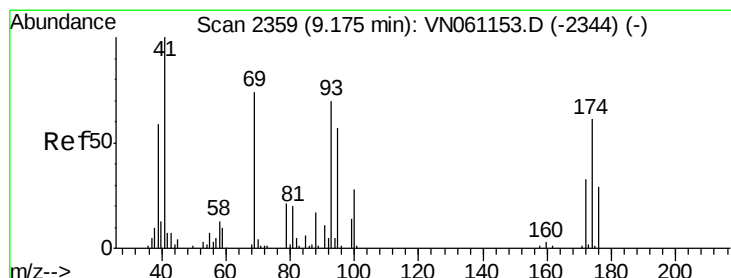
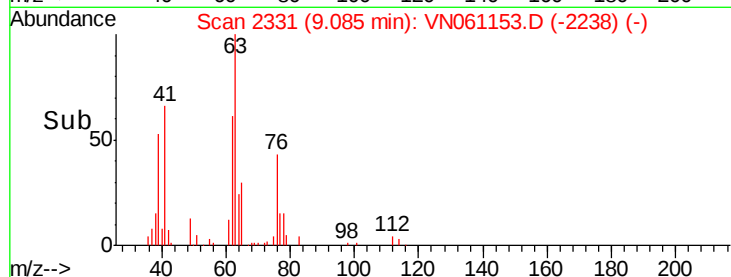
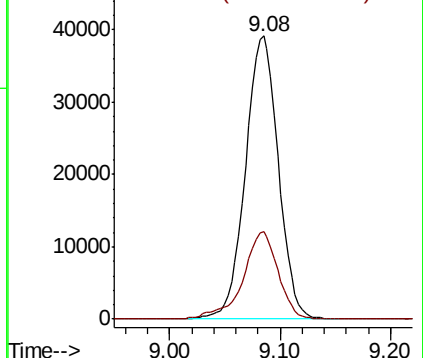
63 100

65 30.9 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN061153.D (-2310) (-)

Ion 64.90 (64.60 to 65.60): VN061153.D (-2310) (-)



#46

Dibromomethane

Concen: 51.920 ug/l

RT: 9.17 min Scan# 2359

Delta R.T. 0.00 min

Lab File: VN061153.D

Acq: 27 Apr 2020 17:12

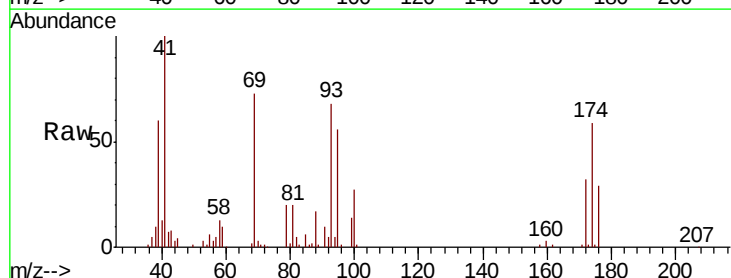
Tgt Ion: 93 Resp: 51766

Ion Ratio Lower Upper

93 100

95 83.2 66.6 99.8

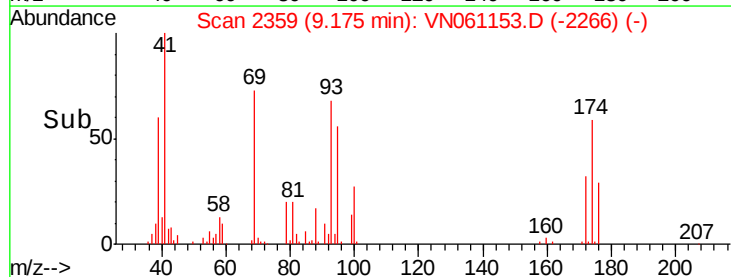
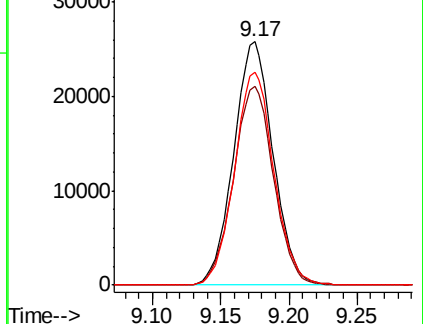
174 87.7 70.2 105.2

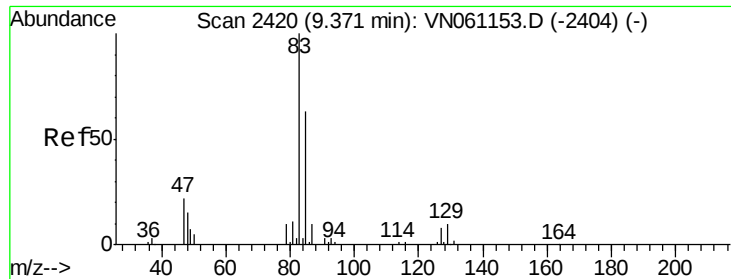


Abundance Ion 92.80 (92.50 to 93.50): VN061153.D (-2359) (-)

Ion 94.80 (94.50 to 95.50): VN061153.D (-2359) (-)

Ion 173.70 (173.40 to 174.40): VN061153.D (-2359) (-)

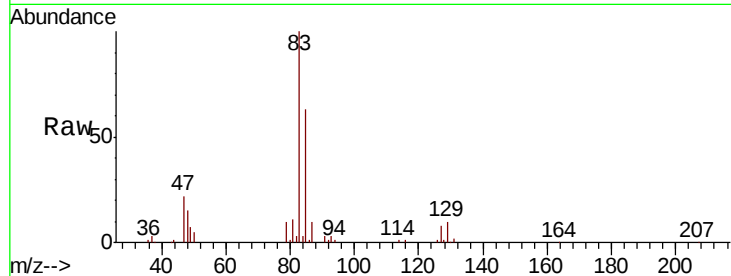




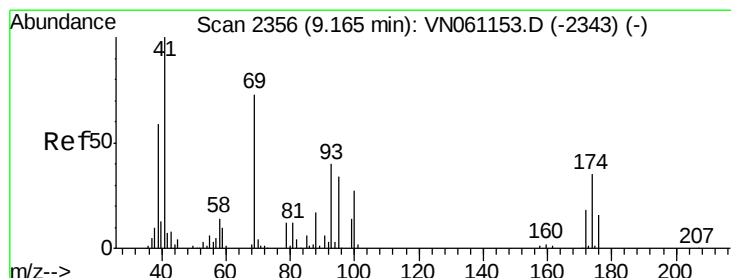
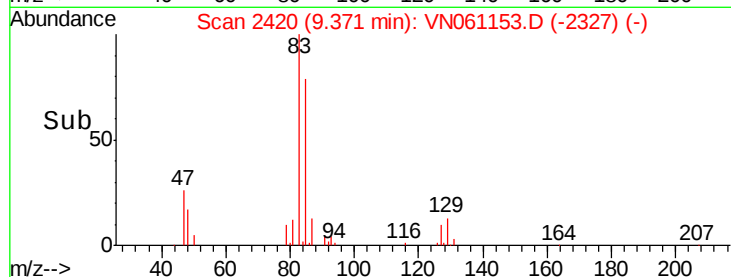
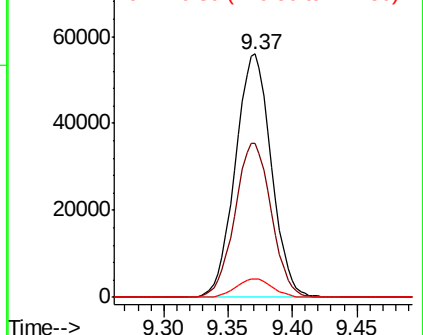
#47
 Bromodichloromethane
 Concen: 54.748 ug/l
 RT: 9.37 min Scan# 2420
 Delta R.T. 0.00 min
 Lab File: VN061153.D
 Acq: 27 Apr 2020 17:12

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 83 Resp: 108559
 Ion Ratio Lower Upper
 83 100
 85 63.0 50.4 75.6
 127 7.7 6.2 9.2

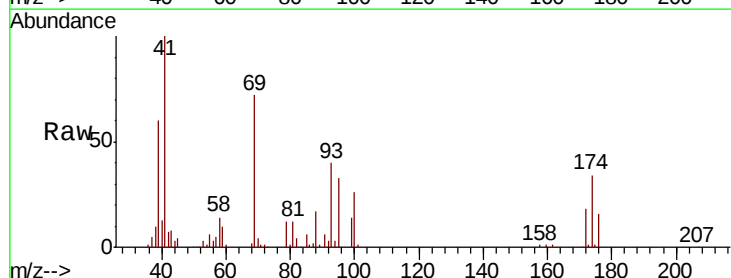


Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 126.80 (126.50 to 127.50): V

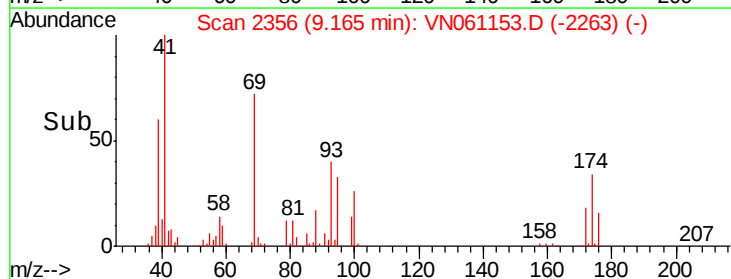
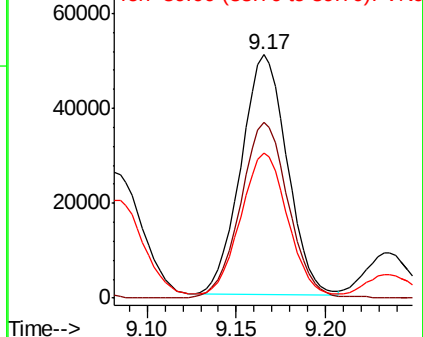


#48
 Methyl methacrylate
 Concen: 56.633 ug/l
 RT: 9.17 min Scan# 2356
 Delta R.T. 0.00 min
 Lab File: VN061153.D
 Acq: 27 Apr 2020 17:12

Tgt Ion: 41 Resp: 91935
 Ion Ratio Lower Upper
 41 100
 69 75.4 60.3 90.5
 39 59.2 47.4 71.0



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

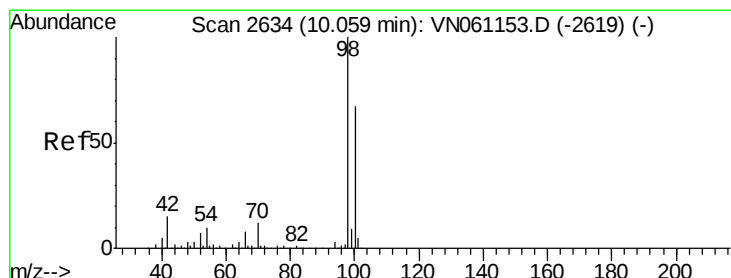
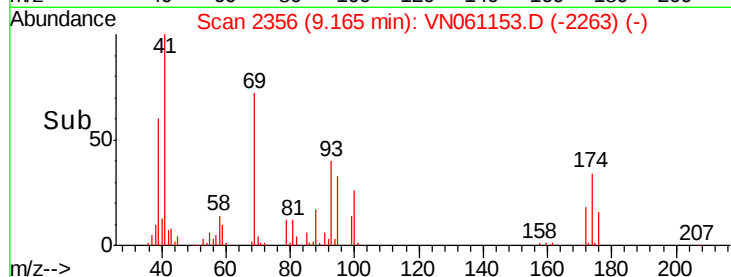
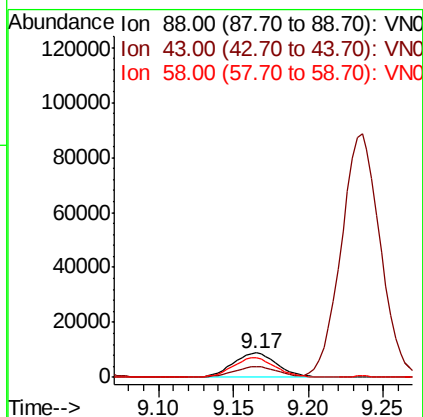
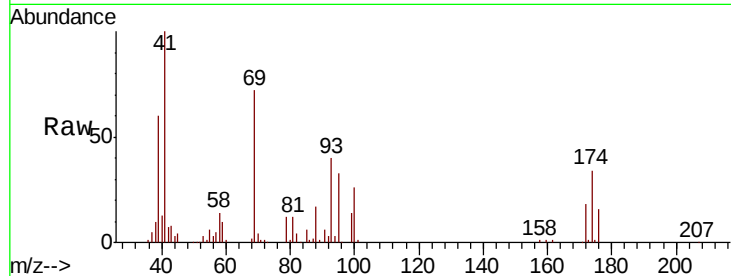




#49
1,4-Dioxane
Concen: 784.429 ug/l
RT: 9.17 min Scan# 2356
Delta R.T. 0.00 min
Lab File: VN061153.D
Acq: 27 Apr 2020 17:12

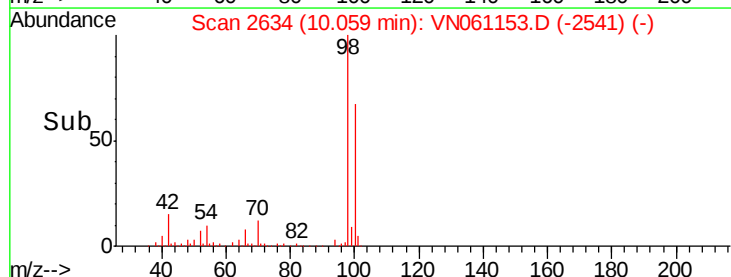
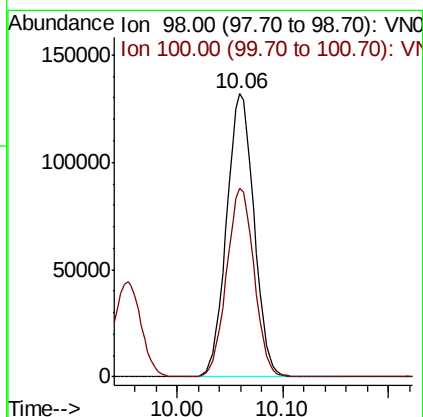
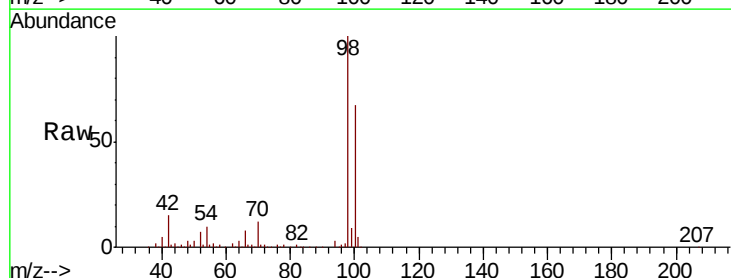
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 18632
Ion Ratio Lower Upper
88 100
43 44.1 35.3 52.9
58 76.9 61.5 92.3



#50
Toluene-d8
Concen: 48.053 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061153.D
Acq: 27 Apr 2020 17:12

Tgt Ion: 98 Resp: 237606
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.0





#51

4-Methyl-2-Pentanone

Concen: 298.724 ug/l

RT: 9.95 min Scan# 2601

Delta R.T. 0.00 min

Lab File: VN061153.D

Acq: 27 Apr 2020 17:12

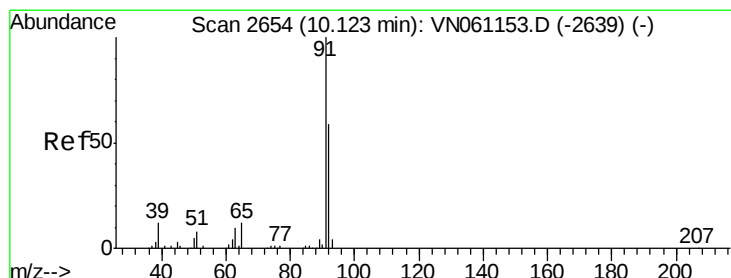
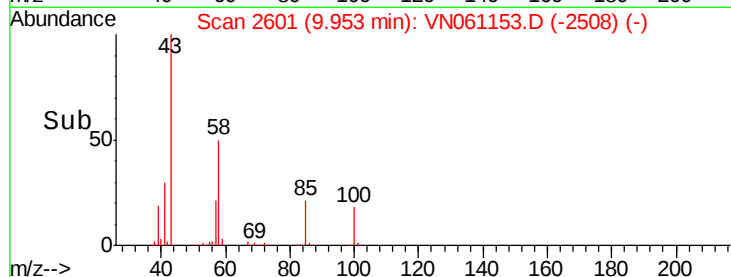
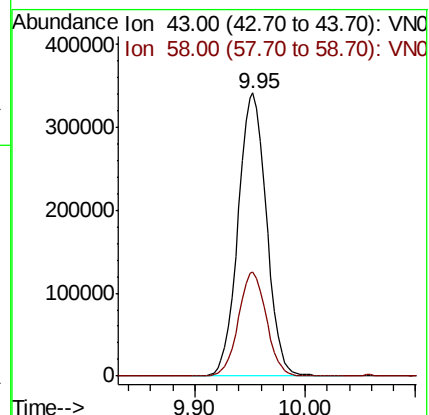
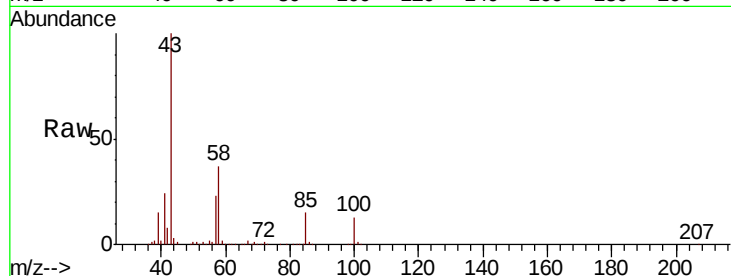
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 606029

Ion Ratio Lower Upper

43 100

58 36.4 29.1 43.7



#52

Toluene

Concen: 50.840 ug/l

RT: 10.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VN061153.D

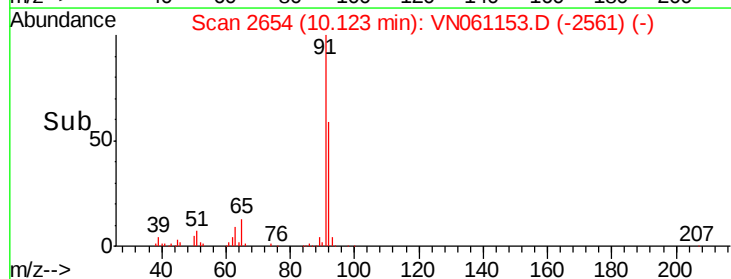
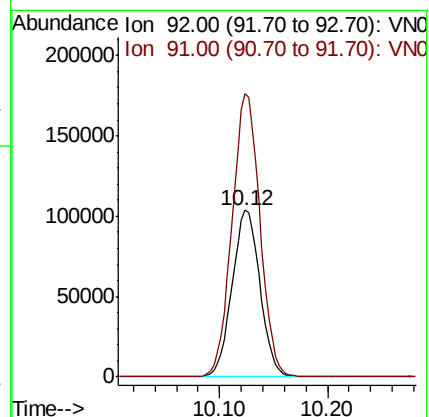
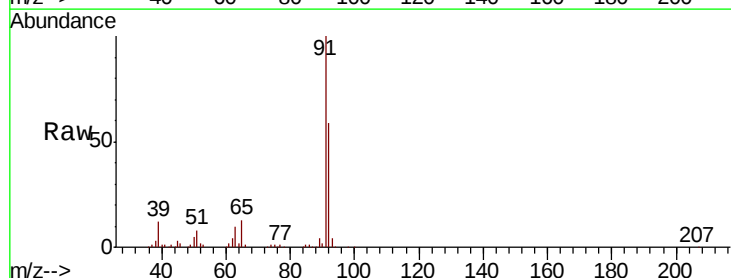
Acq: 27 Apr 2020 17:12

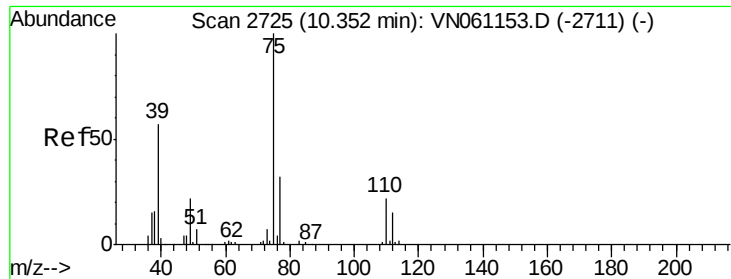
Tgt Ion: 92 Resp: 186993

Ion Ratio Lower Upper

92 100

91 170.2 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 50.871 ug/l

RT: 10.35 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VN061153.D

Acq: 27 Apr 2020 17:12

Instrument :

MSVOA_N

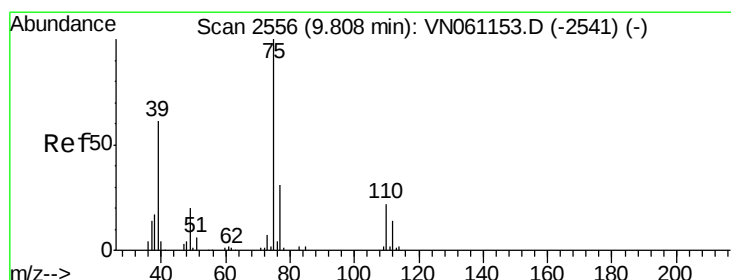
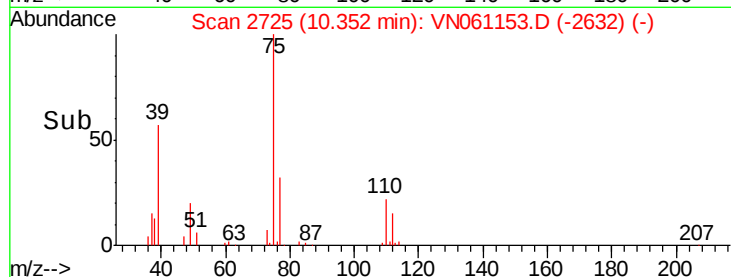
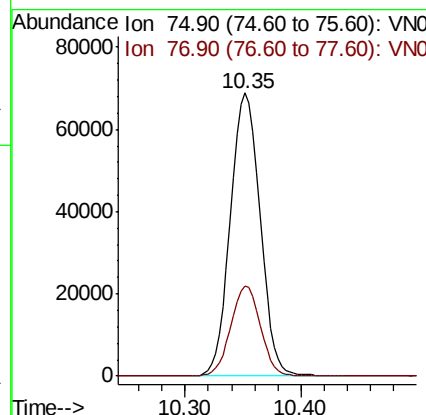
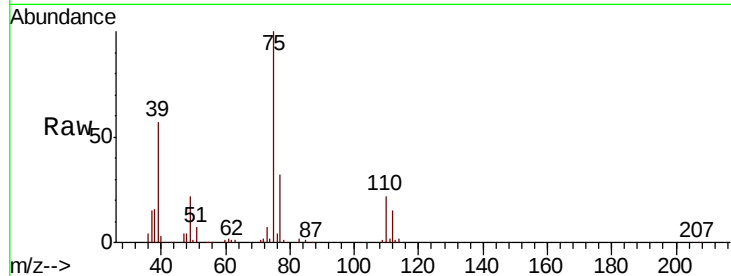
ClientSampleId :

Tot Ion: 75 Resp: 122401

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 51.109 ug/l

RT: 9.81 min Scan# 2556

Delta R.T. 0.00 min

Lab File: VN061153.D

Acq: 27 Apr 2020 17:12

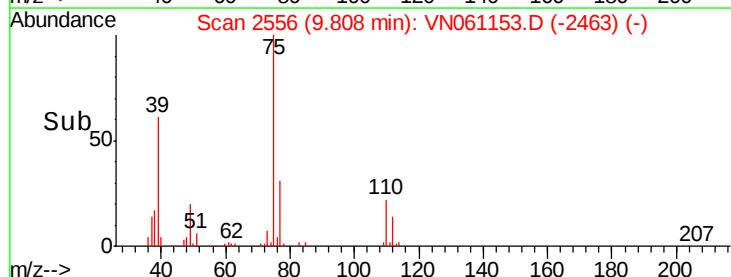
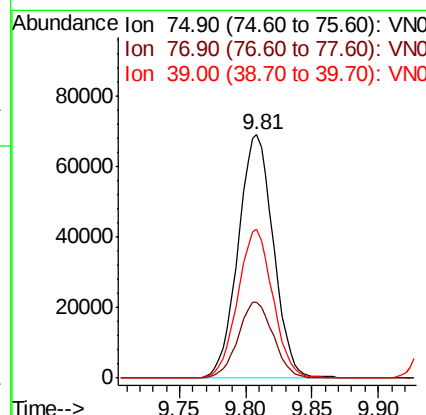
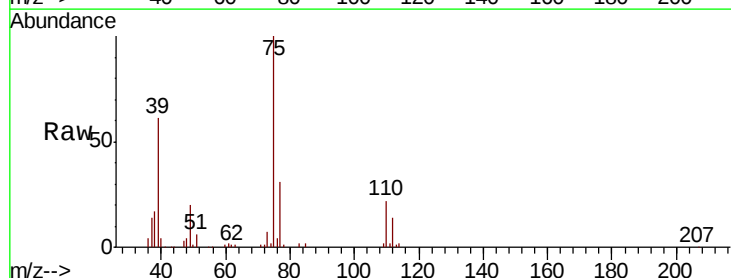
Tgt Ion: 75 Resp: 127573

Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.4

39 60.9 48.7 73.1

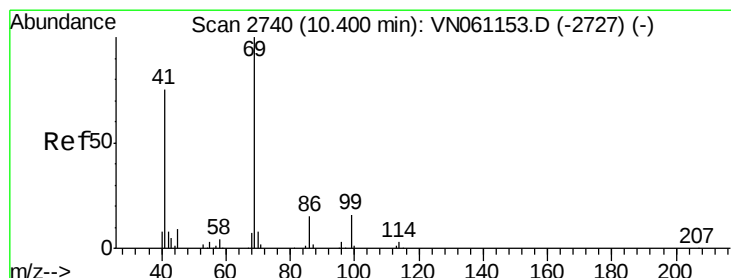
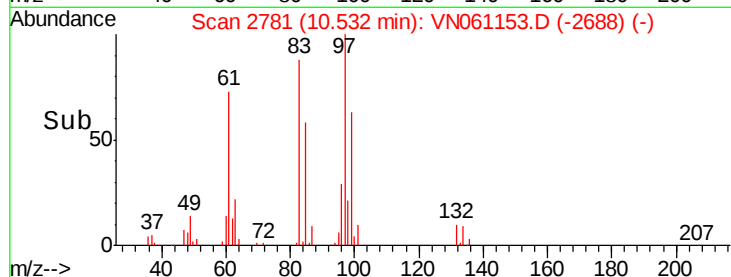
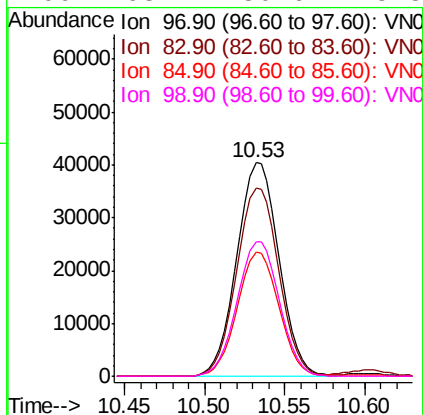
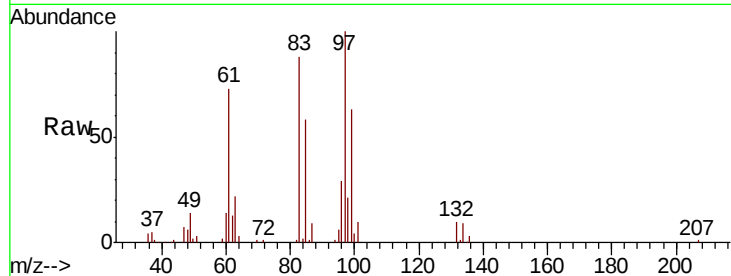




#55
 1,1,2-Trichloroethane
 Concen: 51.284 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: VN061153.D
 Acq: 27 Apr 2020 17:12

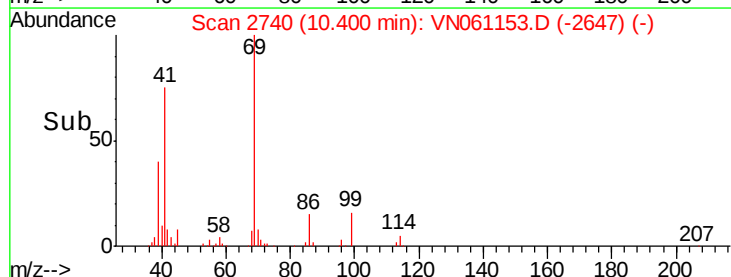
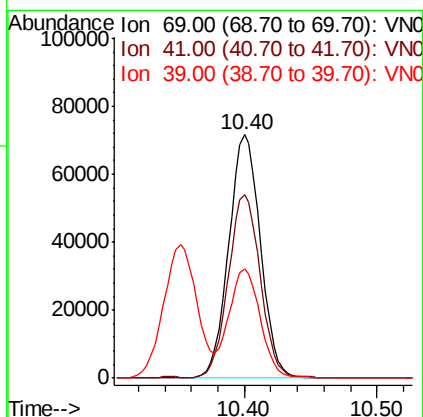
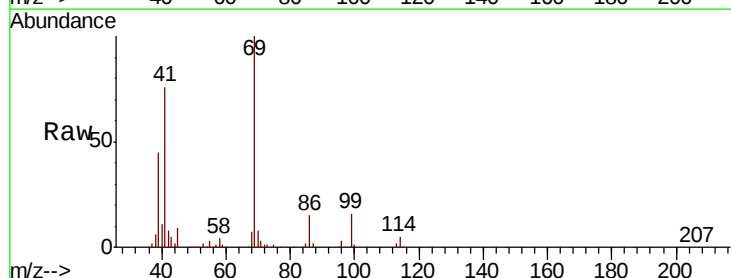
Instrument :
 MSVOA_N
 ClientSampled :

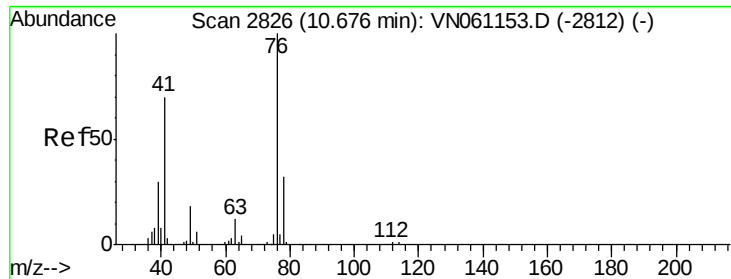
Tot Ion: 97 Resp: 72724
 Ion Ratio Lower Upper
 97 100
 83 88.3 70.6 106.0
 85 58.0 46.4 69.6
 99 63.2 50.6 75.8



#56
 Ethyl methacrylate
 Concen: 54.768 ug/l
 RT: 10.40 min Scan# 2740
 Delta R.T. 0.00 min
 Lab File: VN061153.D
 Acq: 27 Apr 2020 17:12

Tgt Ion: 69 Resp: 118948
 Ion Ratio Lower Upper
 69 100
 41 75.4 60.3 90.5
 39 44.9 35.9 53.9

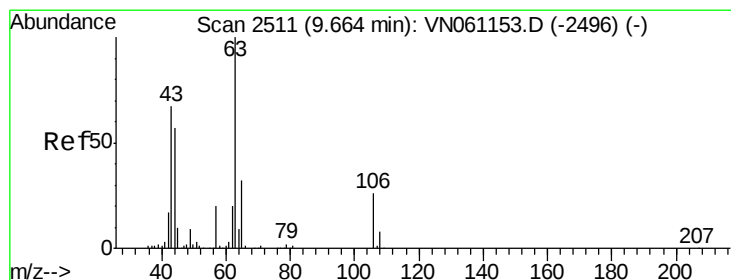
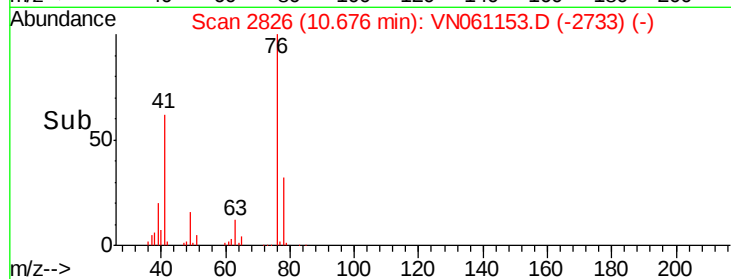
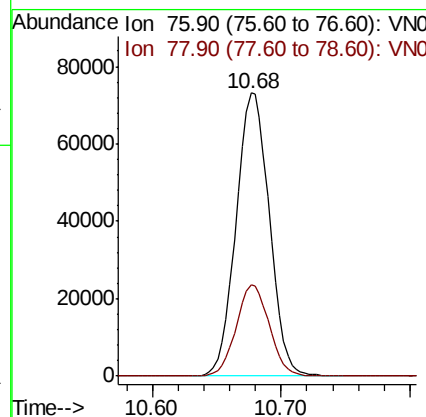
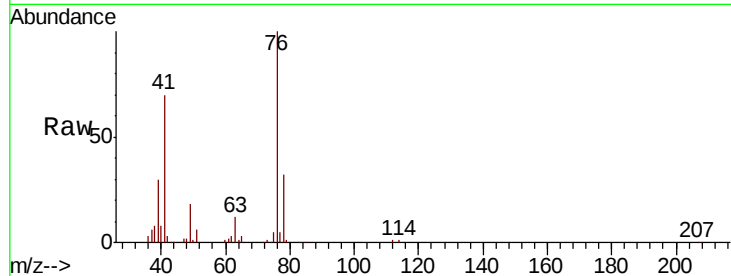




#57
 1,3-Dichloropropane
 Concen: 53.975 ug/l
 RT: 10.68 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: VN061153.D
 Acq: 27 Apr 2020 17:12

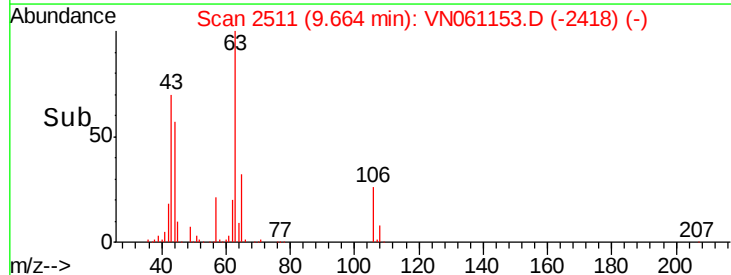
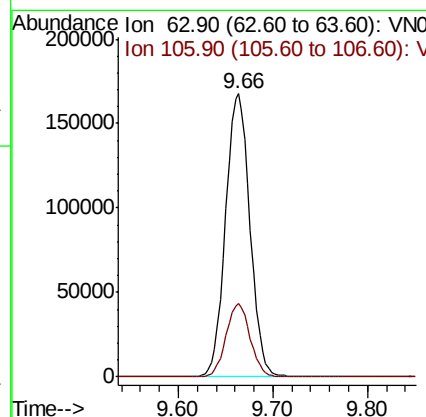
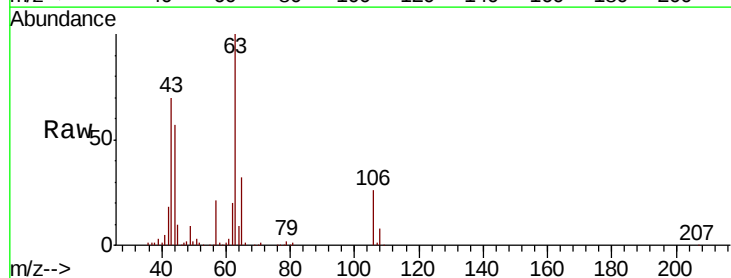
Instrument :
 MSVOA_N
 ClientSampled :

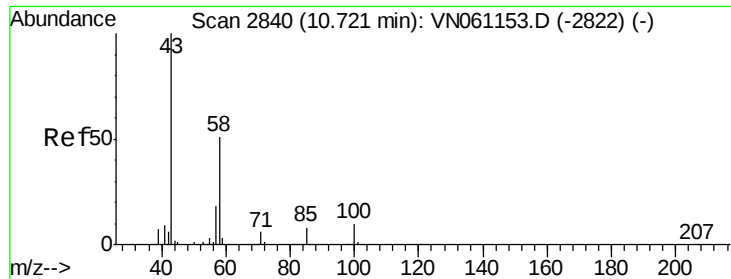
Tot Ion: 76 Resp: 131348
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 267.606 ug/l
 RT: 9.66 min Scan# 2511
 Delta R.T. 0.00 min
 Lab File: VN061153.D
 Acq: 27 Apr 2020 17:12

Tgt Ion: 63 Resp: 299828
 Ion Ratio Lower Upper
 63 100
 106 25.7 20.6 30.8

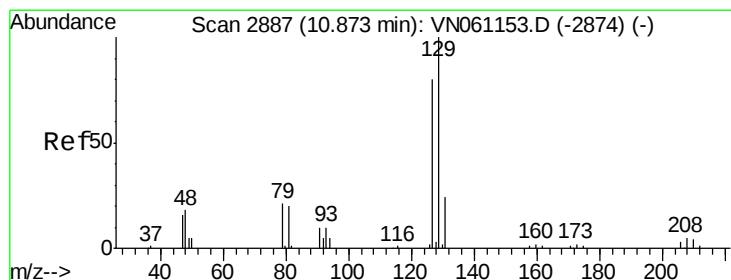
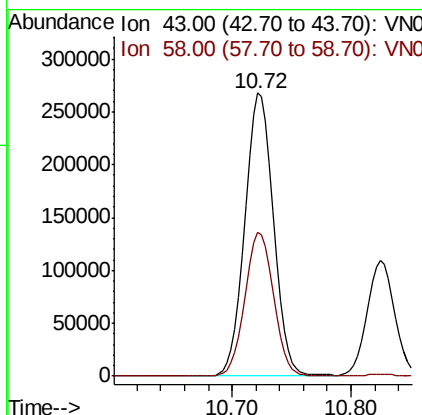
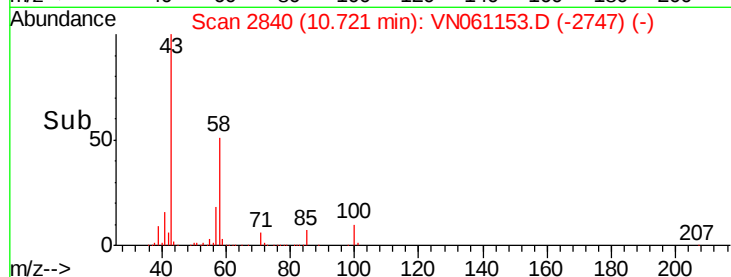
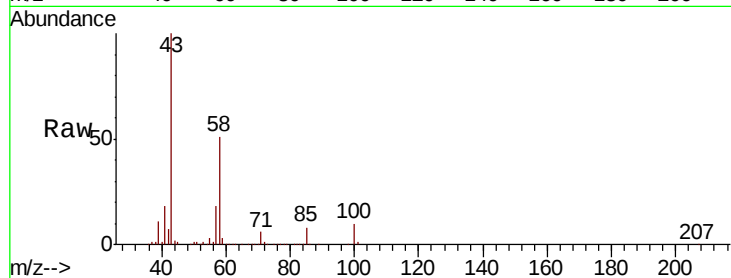




#59
2-Hexanone
Concen: 298.393 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061153.D
Acq: 27 Apr 2020 17:12

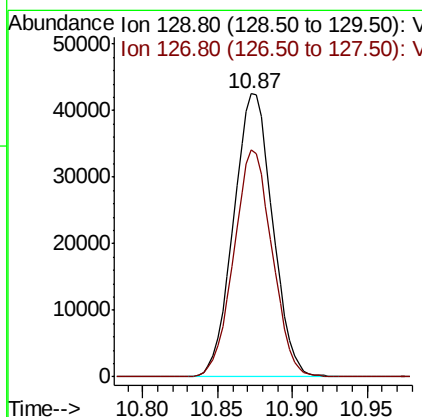
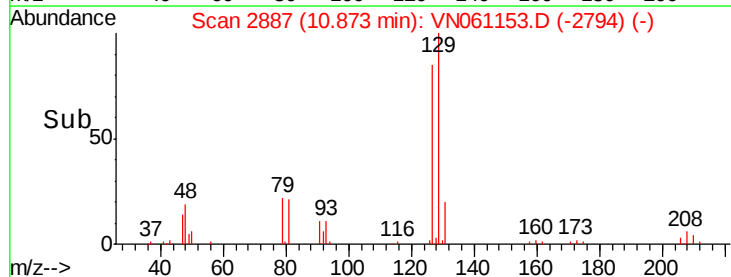
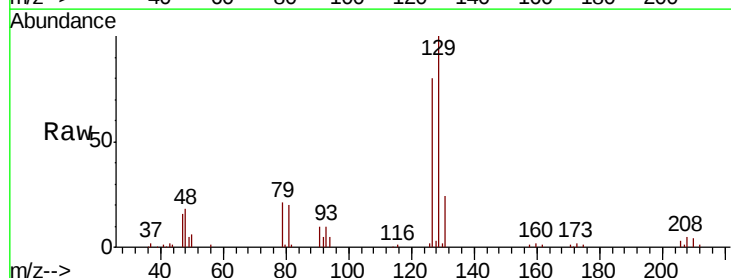
Instrument :
MSVOA_N
ClientSampleId :

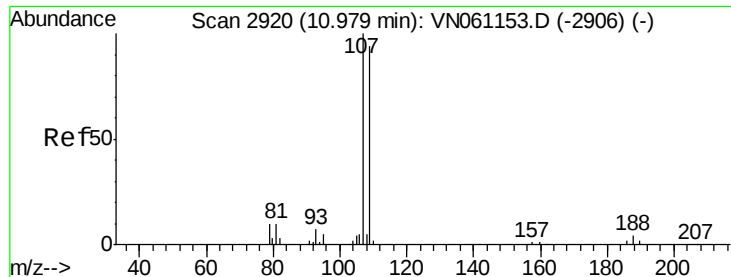
Tot Ion: 43 Resp: 446697
Ion Ratio Lower Upper
43 100
58 50.9 25.4 76.4



#60
Dibromochloromethane
Concen: 52.220 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061153.D
Acq: 27 Apr 2020 17:12

Tgt Ion: 129 Resp: 77408
Ion Ratio Lower Upper
129 100
127 78.5 39.3 117.8

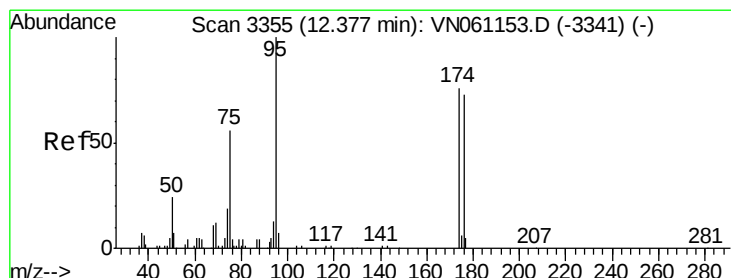
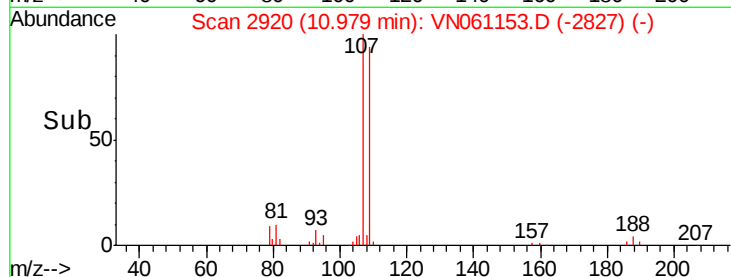
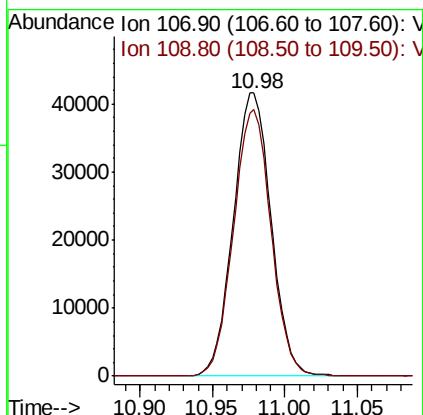
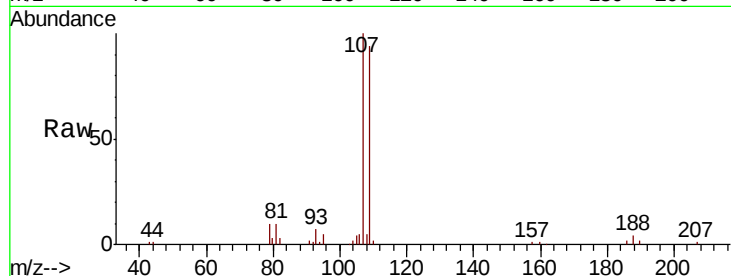




#61
 1,2-Dibromoethane
 Concen: 51.673 ug/l
 RT: 10.98 min Scan# 2920
 Delta R.T. 0.00 min
 Lab File: VN061153.D
 Acq: 27 Apr 2020 17:12

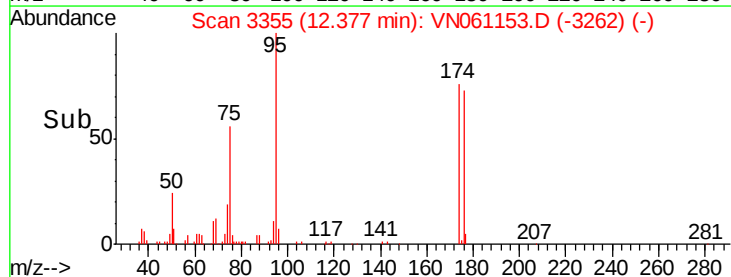
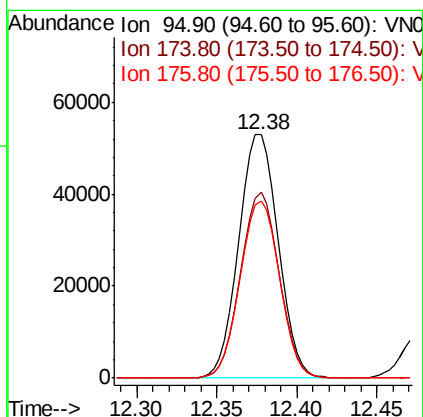
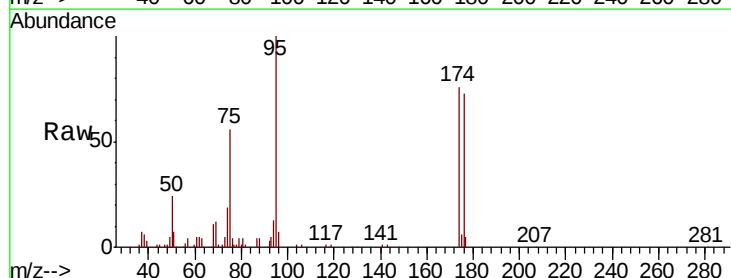
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:107 Resp: 75372
 Ion Ratio Lower Upper
 107 100
 109 93.5 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 48.151 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN061153.D
 Acq: 27 Apr 2020 17:12

Tgt Ion: 95 Resp: 89209
 Ion Ratio Lower Upper
 95 100
 174 74.7 0.0 149.4
 176 72.4 0.0 144.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061153.D

Acq: 27 Apr 2020 17:12

Instrument :

MSVOA_N

ClientSampled :

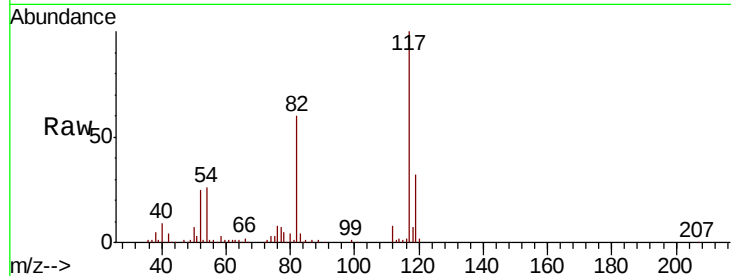
Tot Ion:117 Resp: 194558

Ion Ratio Lower Upper

117 100

82 59.8 47.8 71.8

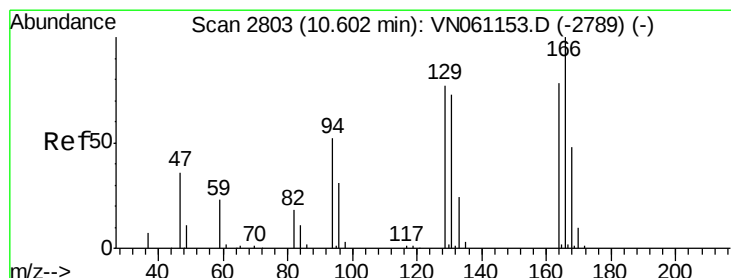
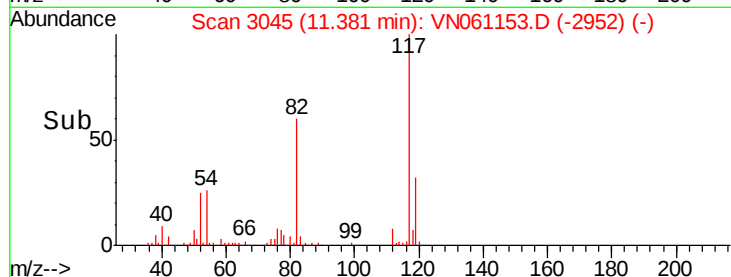
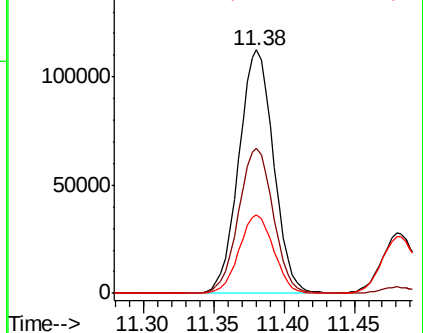
119 32.2 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 42.812 ug/l

RT: 10.60 min Scan# 2803

Delta R.T. 0.00 min

Lab File: VN061153.D

Acq: 27 Apr 2020 17:12

Tgt Ion:164 Resp: 83036

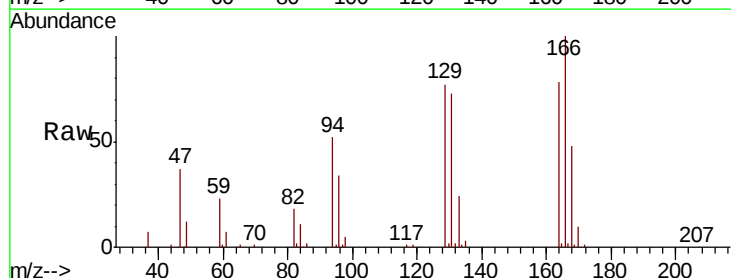
Ion Ratio Lower Upper

164 100

166 127.5 102.0 153.0

129 97.7 78.2 117.2

131 93.1 74.5 111.7

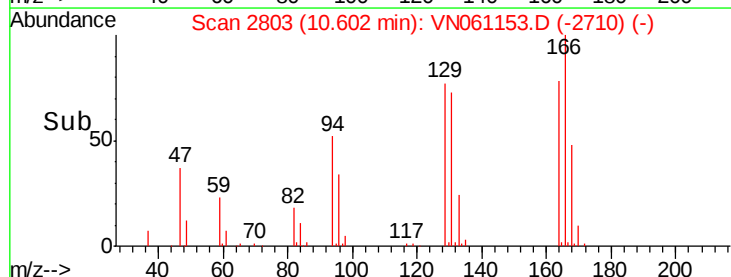
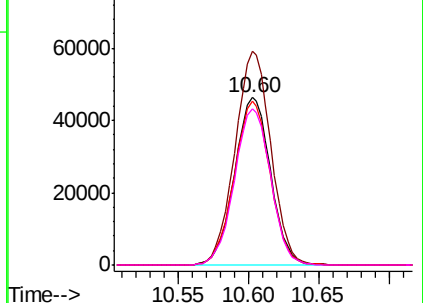


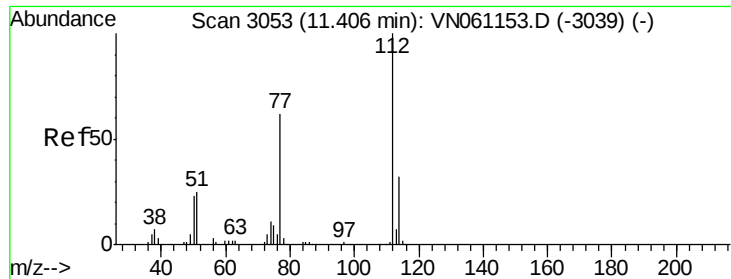
Abundance Ion 163.80 (163.50 to 164.50): V

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: 48.920 ug/l

RT: 11.41 min Scan# 3053

Delta R.T. 0.00 min

Lab File: VN061153.D

Acq: 27 Apr 2020 17:12

Instrument :

MSVOA_N

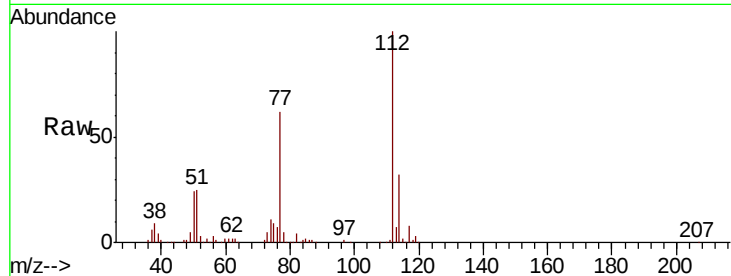
ClientSampleId :

Tot Ion:112 Resp: 191974

Ion Ratio Lower Upper

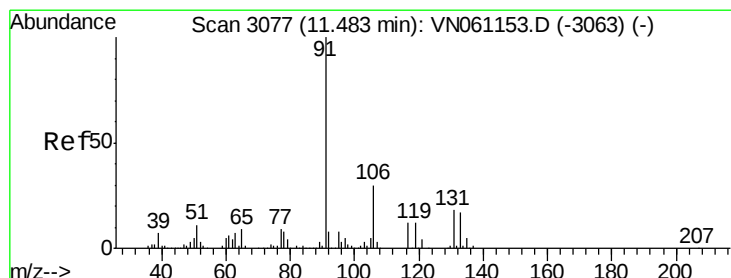
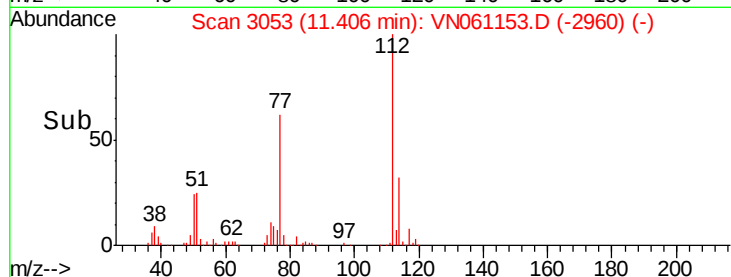
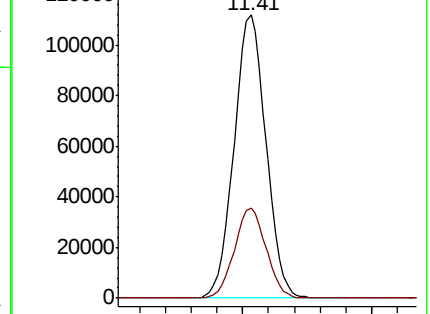
112 100

114 31.8 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.378 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061153.D

Acq: 27 Apr 2020 17:12

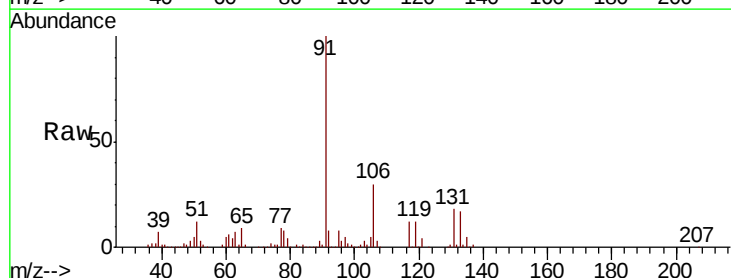
Tgt Ion:131 Resp: 70103

Ion Ratio Lower Upper

131 100

133 96.1 48.0 144.2

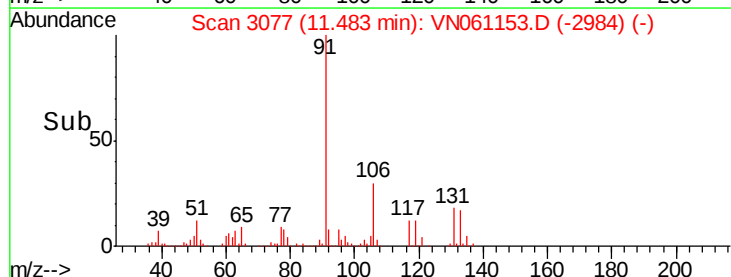
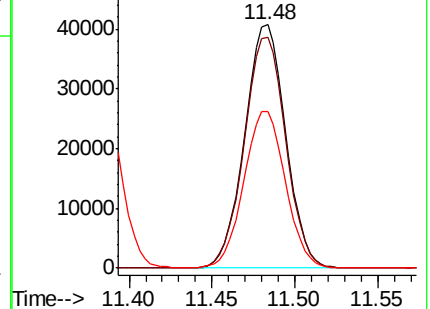
119 65.2 32.6 97.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.205 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061153.D

Acq: 27 Apr 2020 17:12

Instrument :

MSVOA_N

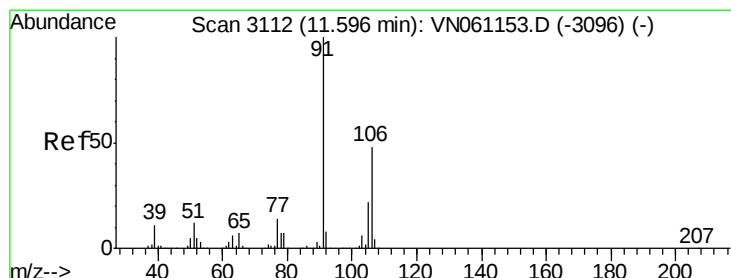
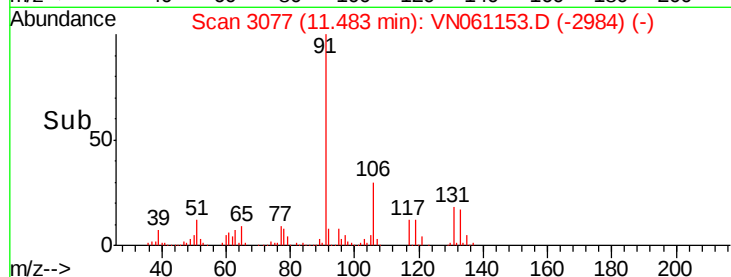
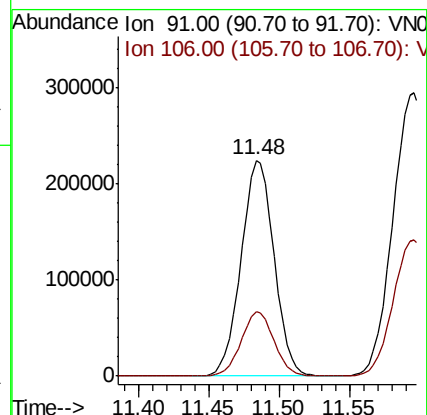
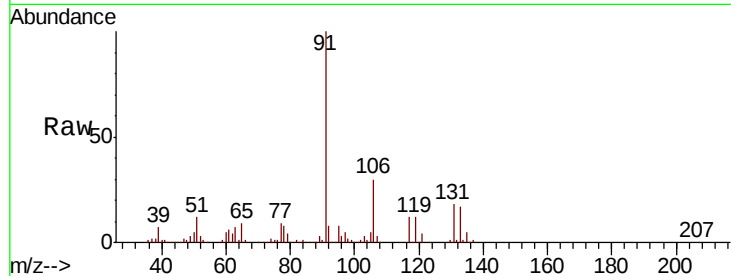
ClientSampled :

Tot Ion: 91 Resp: 368319

Ion Ratio Lower Upper

91 100

106 29.7 23.8 35.6



#68

m/p-Xylenes

Concen: 99.606 ug/l

RT: 11.60 min Scan# 3112

Delta R.T. 0.00 min

Lab File: VN061153.D

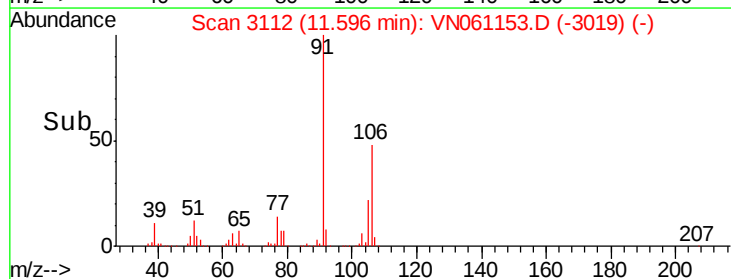
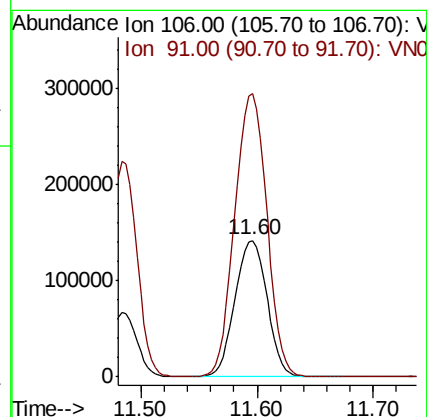
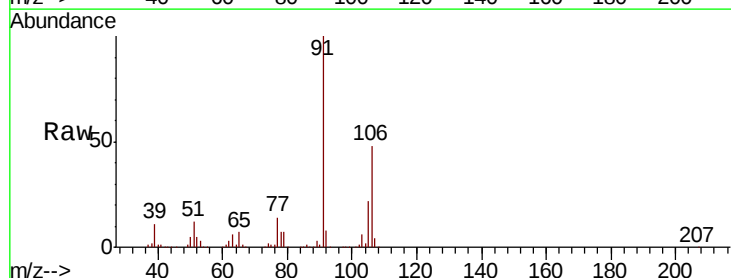
Acq: 27 Apr 2020 17:12

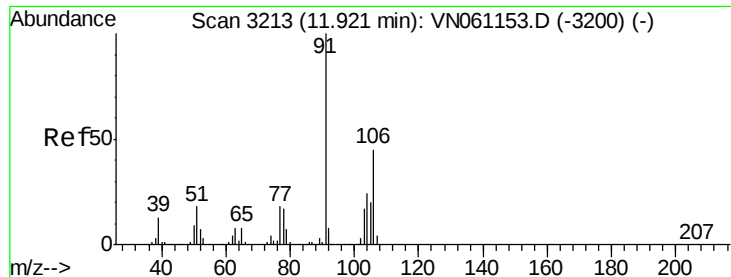
Tgt Ion: 106 Resp: 272102

Ion Ratio Lower Upper

106 100

91 208.0 166.4 249.6

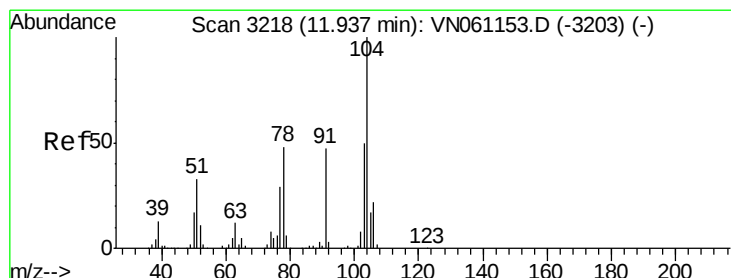
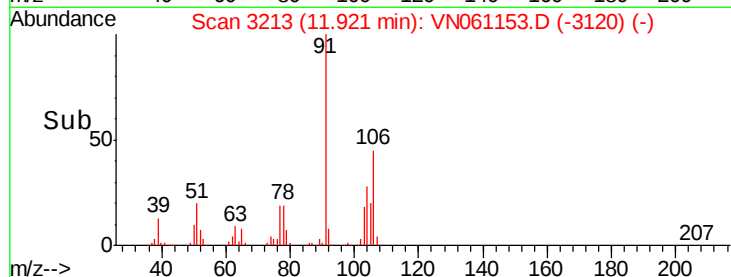
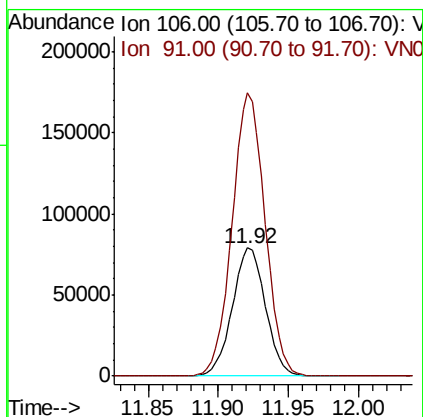
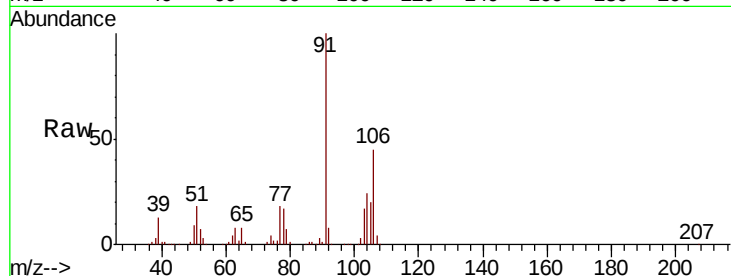




#69
o-Xylene
Concen: 49.310 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061153.D
Acq: 27 Apr 2020 17:12

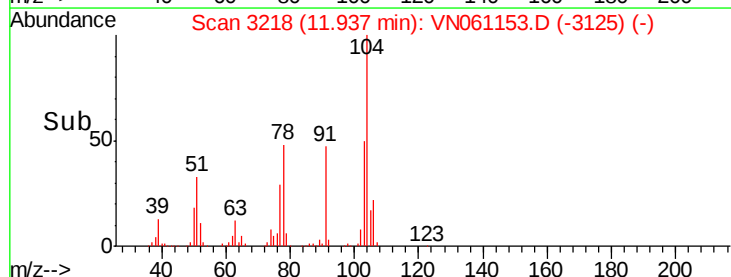
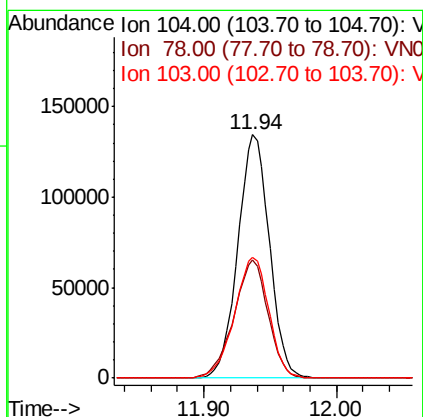
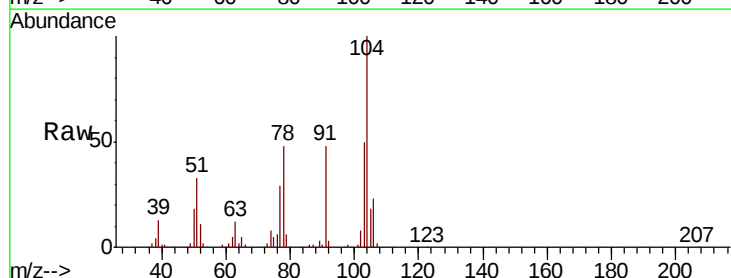
Instrument :
MSVOA_N
ClientSampled :

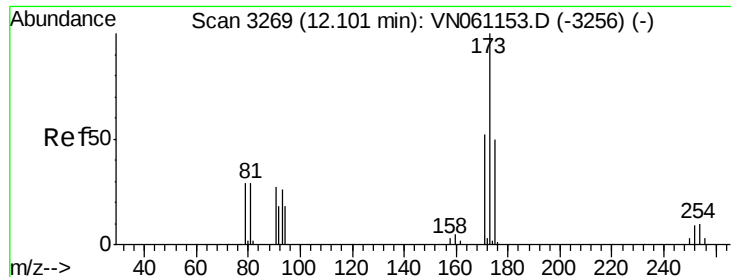
Tot Ion:106 Resp: 129983
Ion Ratio Lower Upper
106 100
91 219.3 109.7 329.0



#70
Styrene
Concen: 51.931 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061153.D
Acq: 27 Apr 2020 17:12

Tgt Ion:104 Resp: 222486
Ion Ratio Lower Upper
104 100
78 52.6 42.1 63.1
103 54.1 43.3 64.9





#71

Bromoform

Concen: 51.085 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061153.D

Acq: 27 Apr 2020 17:12

Instrument :

MSVOA_N

ClientSampleId :

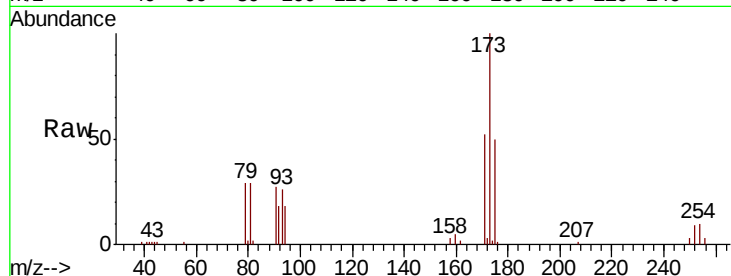
Tot Ion:173 Resp: 53311

Ion Ratio Lower Upper

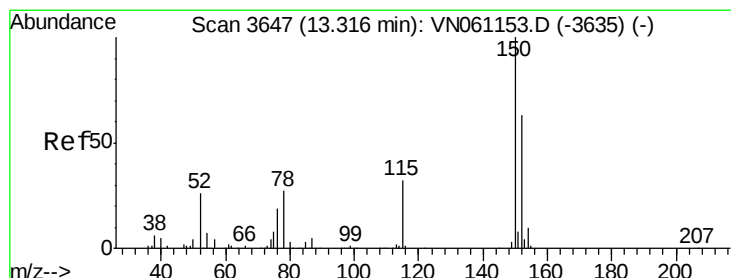
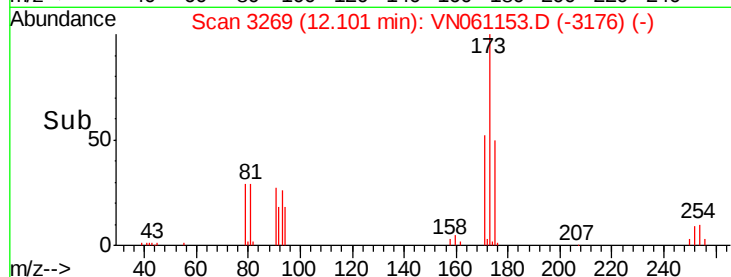
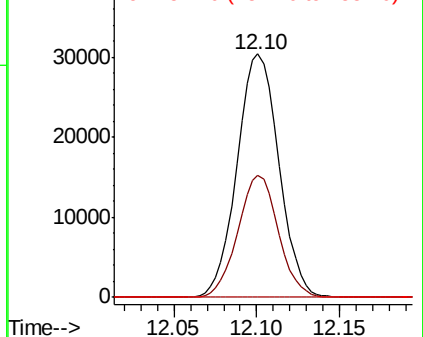
173 100

175 48.3 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: VN061153.D

Acq: 27 Apr 2020 17:12

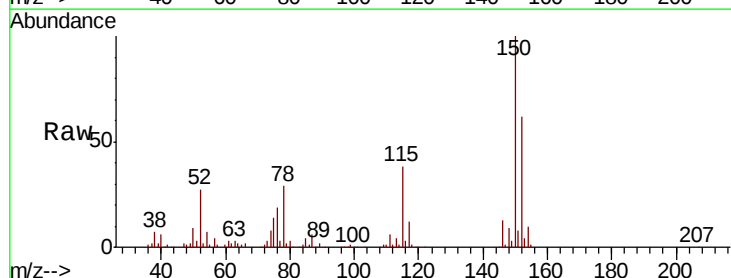
Tgt Ion:152 Resp: 95782

Ion Ratio Lower Upper

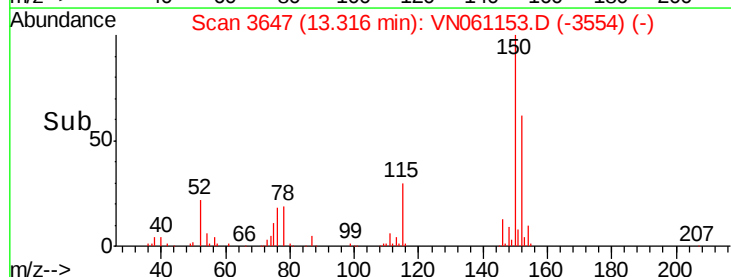
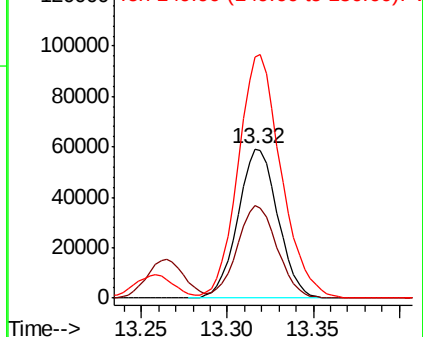
152 100

115 62.0 31.0 93.0

150 175.9 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: 49.076 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061153.D

Acq: 27 Apr 2020 17:12

Instrument :

MSVOA_N

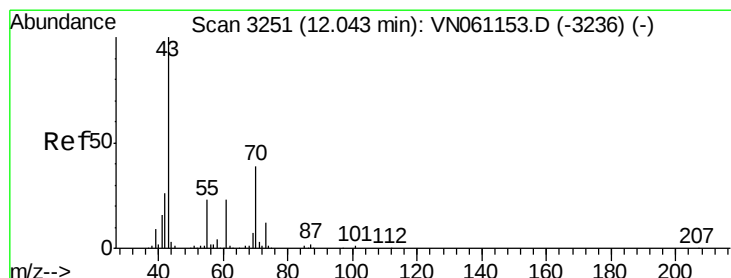
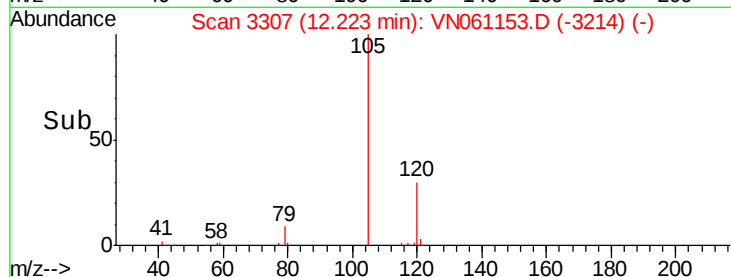
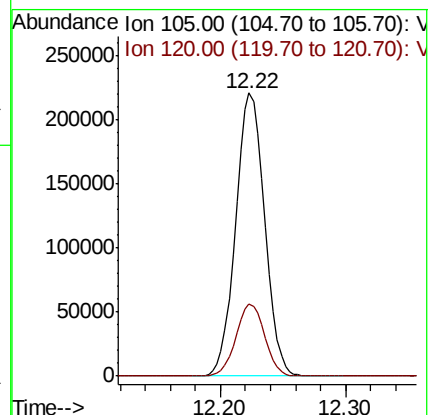
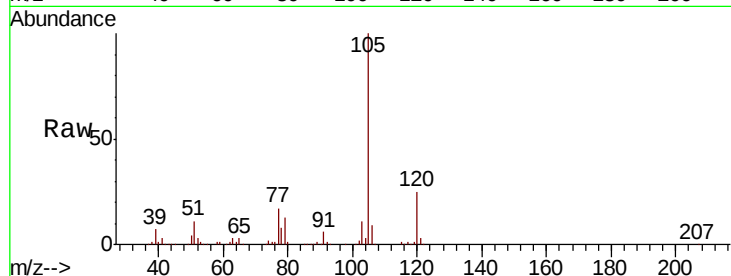
ClientSampleId :

Tot Ion:105 Resp: 353305

Ion Ratio Lower Upper

105 100

120 25.2 12.6 37.8



#74

N-ethyl acetate

Concen: 54.914 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061153.D

Acq: 27 Apr 2020 17:12

Tgt Ion: 43 Resp: 181296

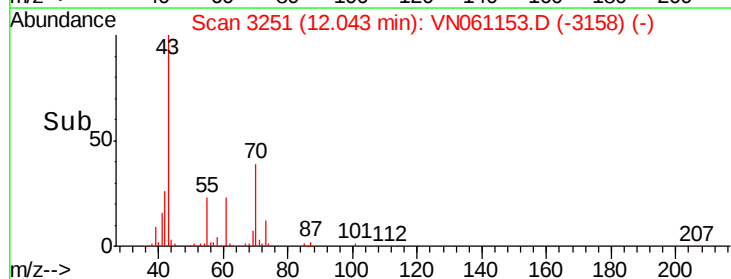
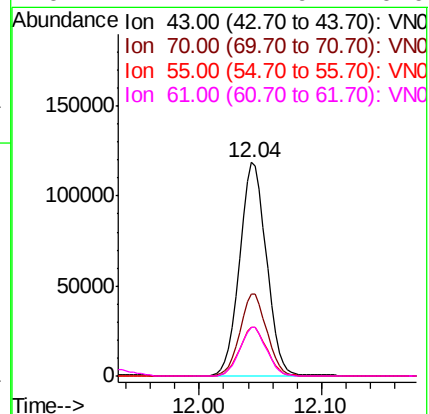
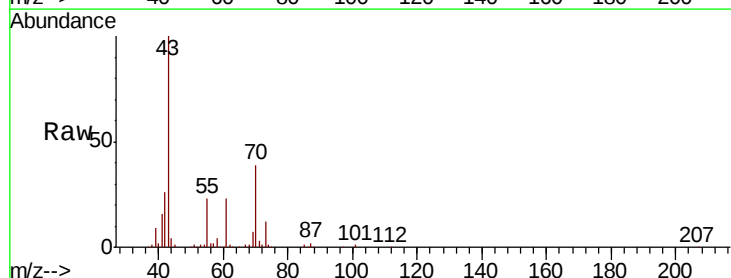
Ion Ratio Lower Upper

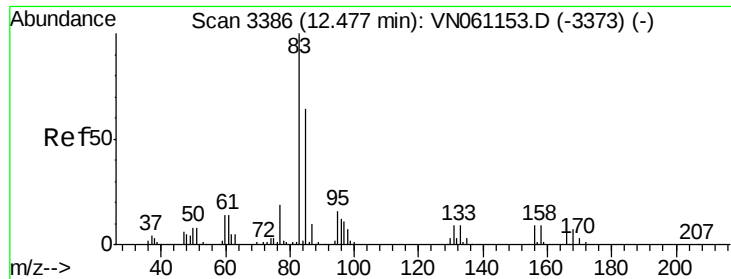
43 100

70 38.3 30.6 46.0

55 23.1 18.5 27.7

61 22.4 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 55.068 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061153.D

Acq: 27 Apr 2020 17:12

Instrument :

MSVOA_N

ClientSampleId :

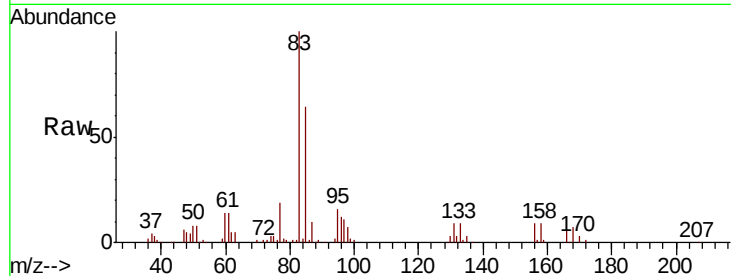
Tot Ion: 83 Resp: 108740

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.3

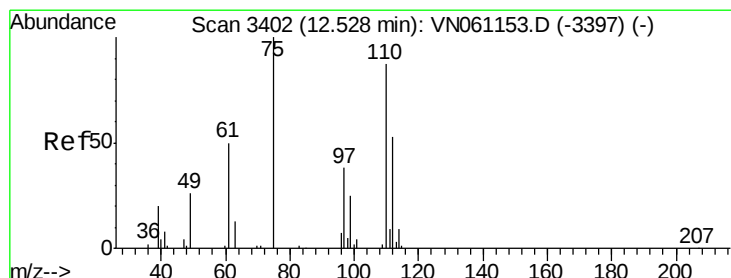
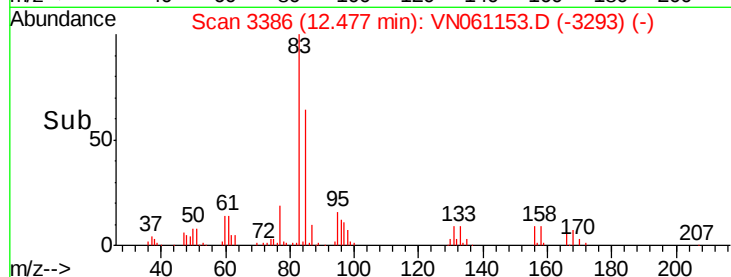
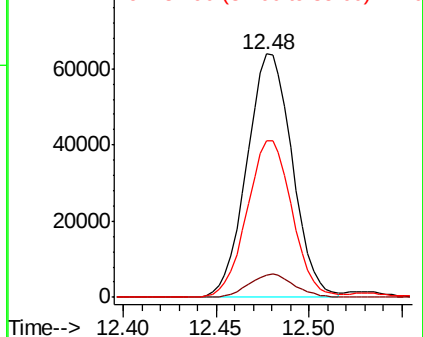
85 64.0 32.0 96.0



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: 69.138 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061153.D

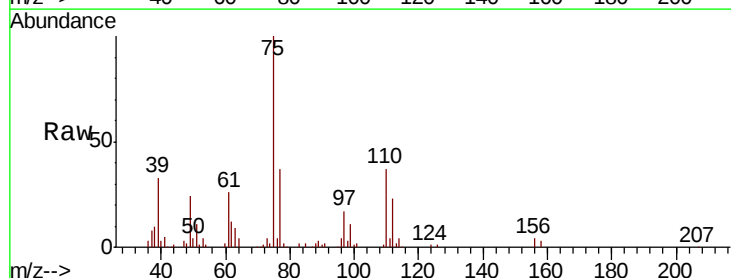
Acq: 27 Apr 2020 17:12

Tgt Ion: 75 Resp: 149867

Ion Ratio Lower Upper

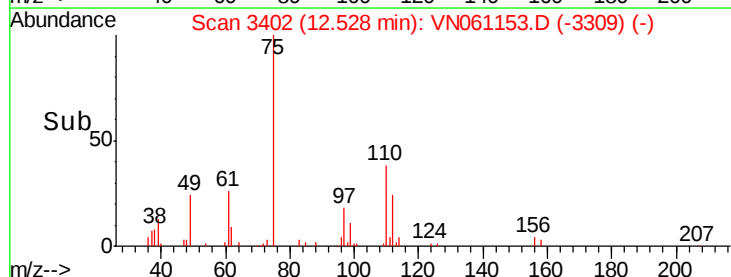
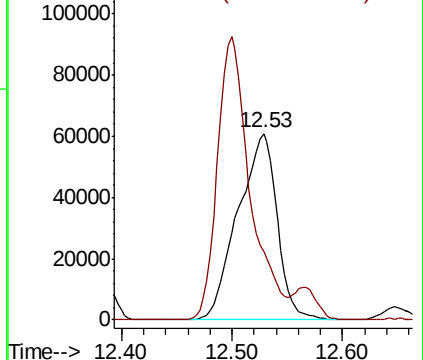
75 100

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: 46.660 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061153.D

Acq: 27 Apr 2020 17:12

Instrument :

MSVOA_N

ClientSampled :

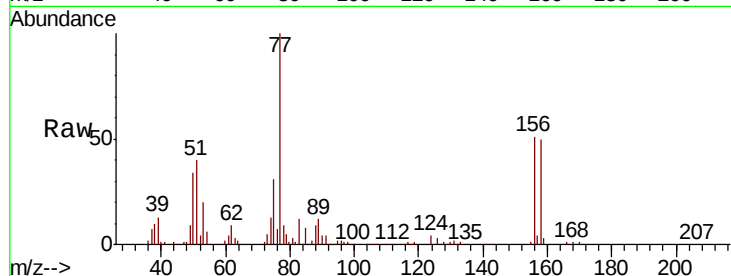
Tot Ion:156 Resp: 81044

Ion Ratio Lower Upper

156 100

77 234.8 117.4 352.2

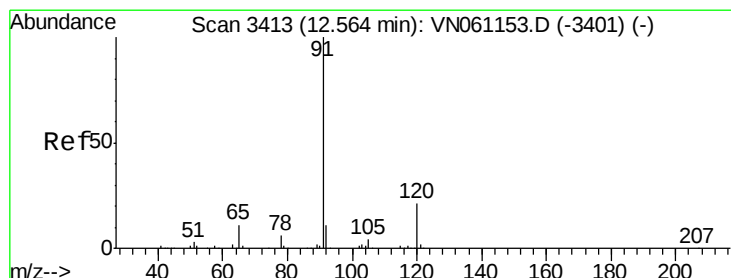
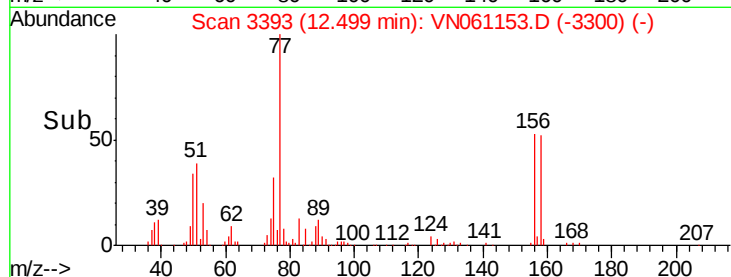
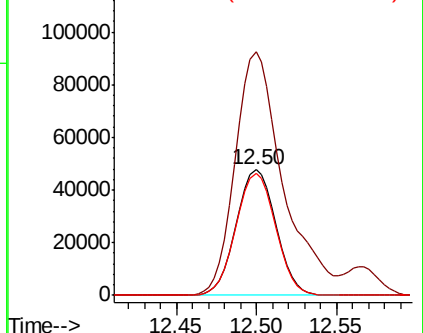
158 96.7 48.4 145.0



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: 50.102 ug/l

RT: 12.56 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061153.D

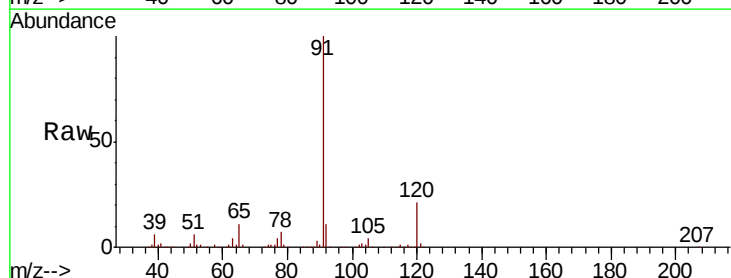
Acq: 27 Apr 2020 17:12

Tgt Ion: 91 Resp: 424106

Ion Ratio Lower Upper

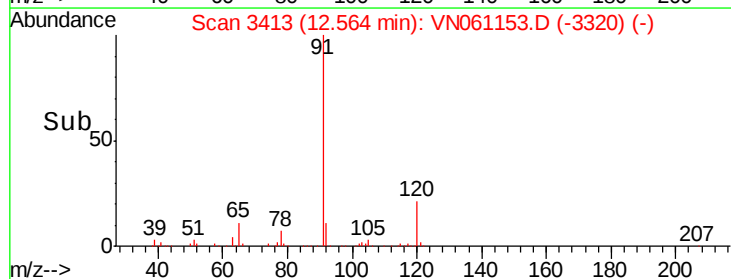
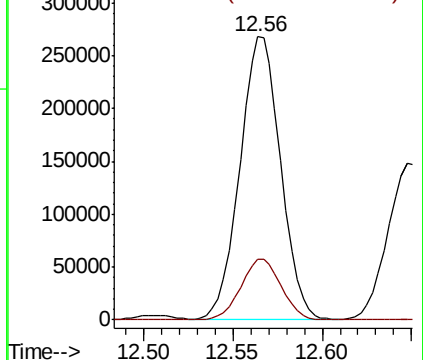
91 100

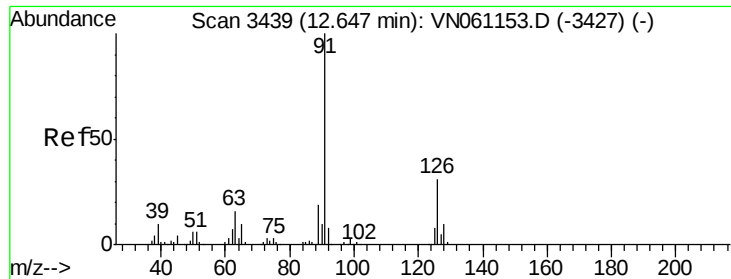
120 21.5 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

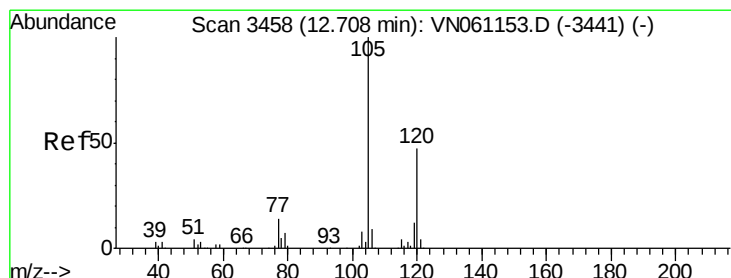
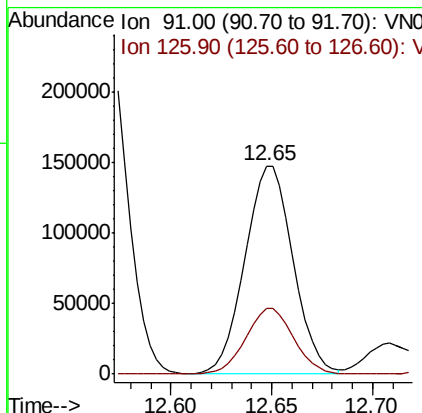
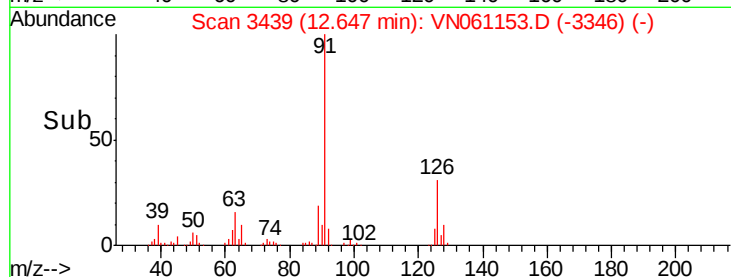
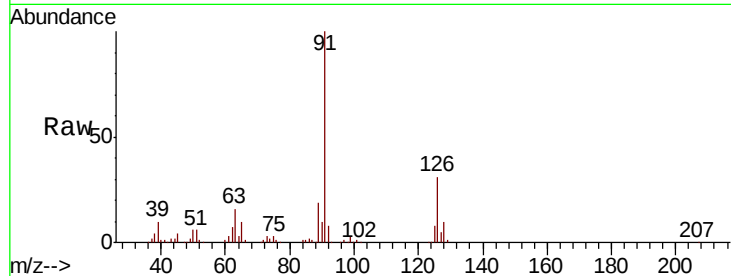




#79
 2-Chlorotoluene
 Concen: 49.719 ug/l
 RT: 12.65 min Scan# 3439
 Delta R.T. 0.00 min
 Lab File: VN061153.D
 Acq: 27 Apr 2020 17:12

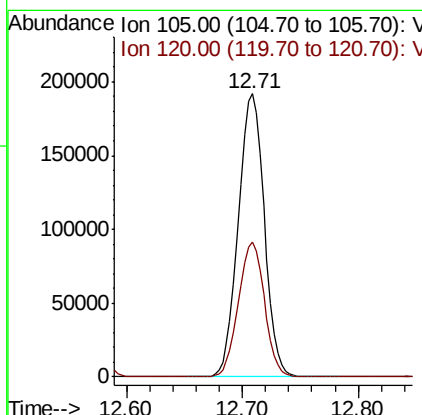
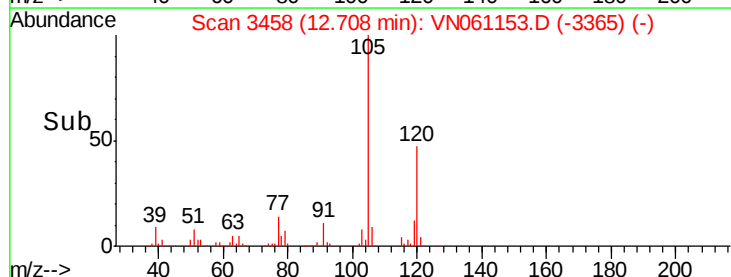
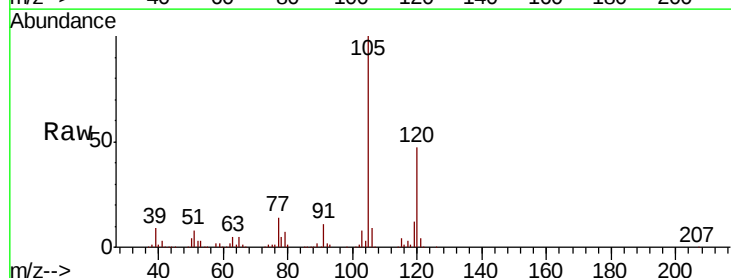
Instrument :
 MSVOA_N
 ClientSampled :

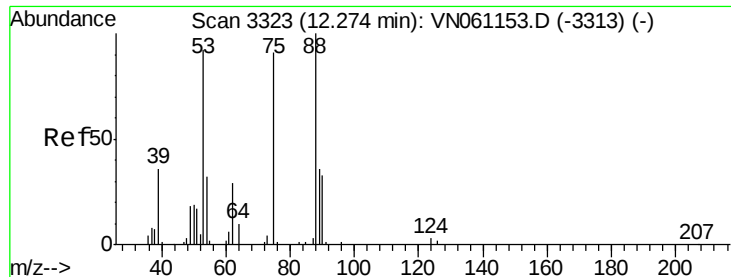
Tot Ion: 91 Resp: 244542
 Ion Ratio Lower Upper
 91 100
 126 31.8 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 49.183 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061153.D
 Acq: 27 Apr 2020 17:12

Tgt Ion: 105 Resp: 298048
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 47.740 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061153.D

Acq: 27 Apr 2020 17:12

Instrument :

MSVOA_N

ClientSampleId :

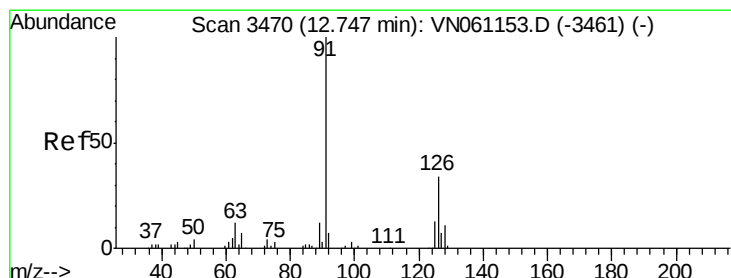
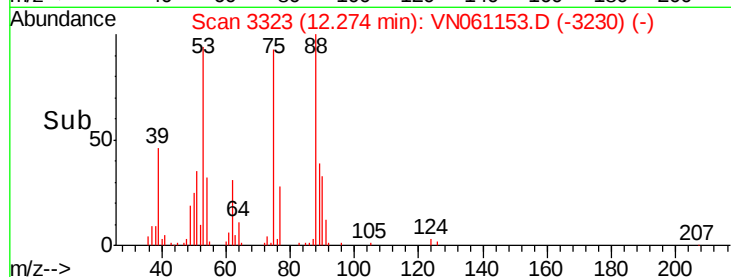
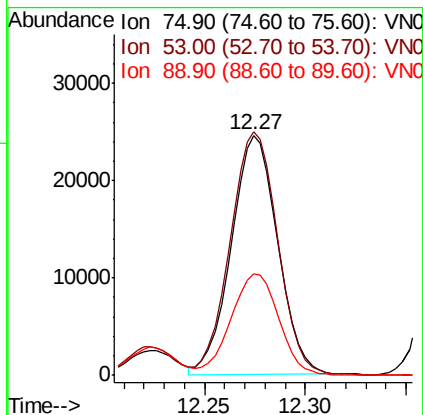
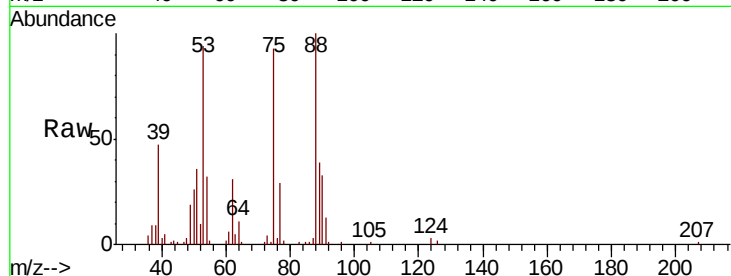
Tot Ion: 75 Resp: 39478

Ion Ratio Lower Upper

75 100

53 105.1 84.1 126.1

89 44.0 35.2 52.8



#82

4-Chlorotoluene

Concen: 49.519 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061153.D

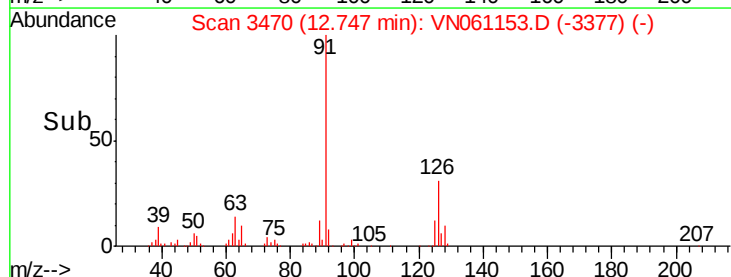
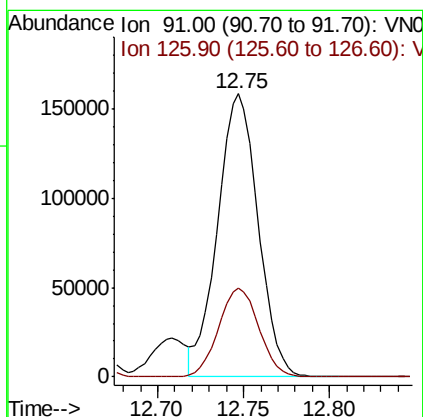
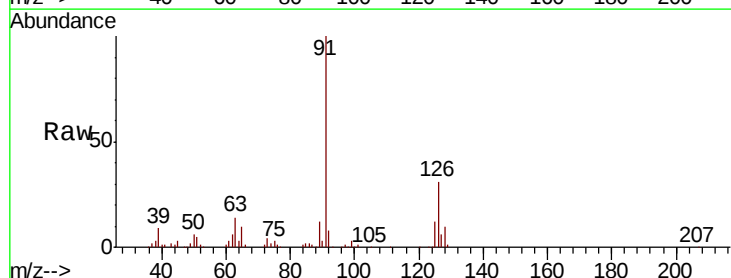
Acq: 27 Apr 2020 17:12

Tgt Ion: 91 Resp: 258798

Ion Ratio Lower Upper

91 100

126 31.4 15.7 47.1

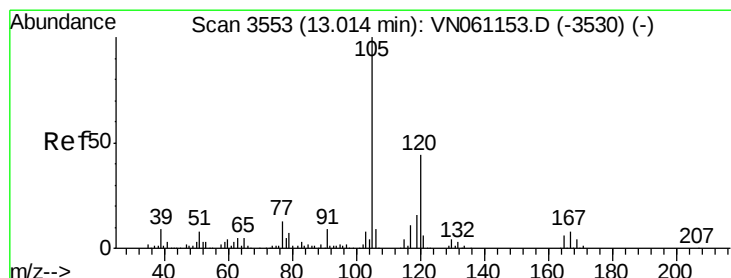
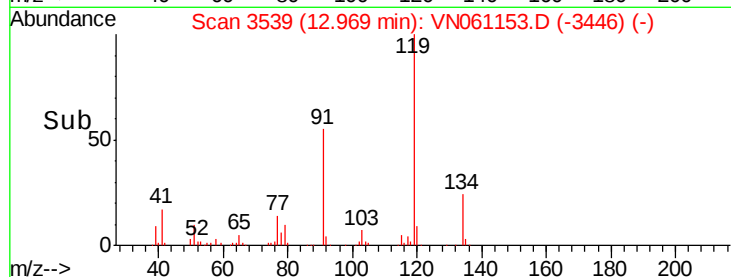
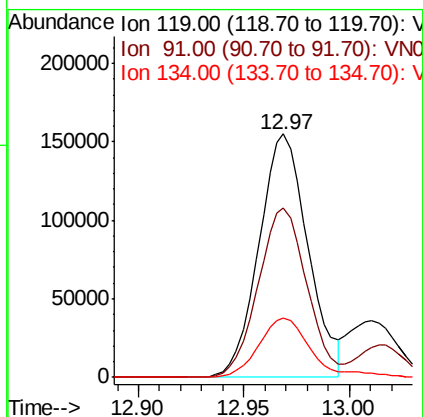
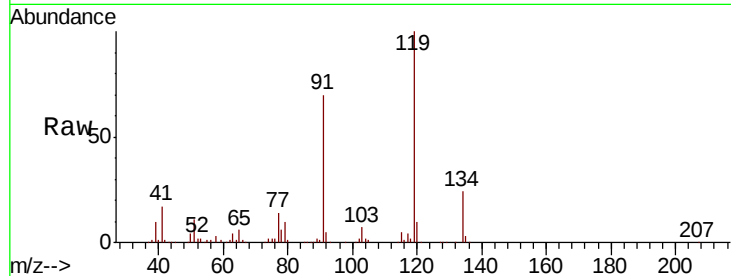




#83
 tert-Butylbenzene
 Concen: 49.330 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061153.D
 Acq: 27 Apr 2020 17:12

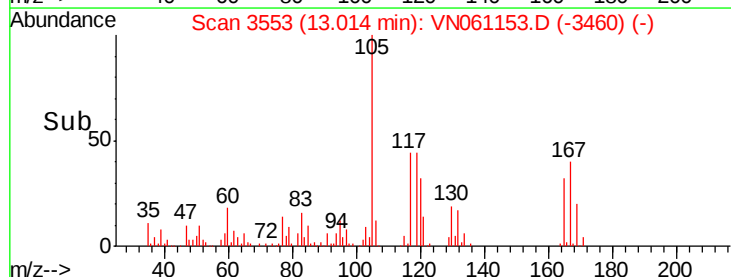
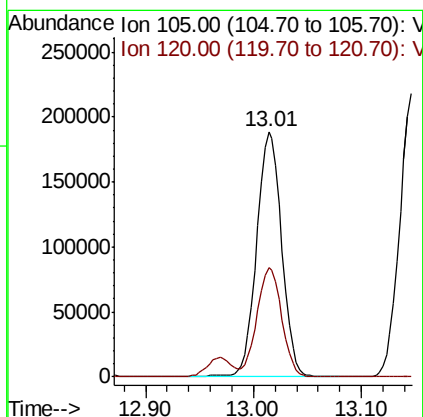
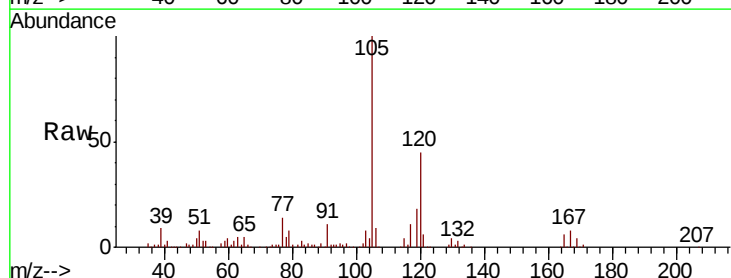
Instrument :
 MSVOA_N
 ClientSampled :

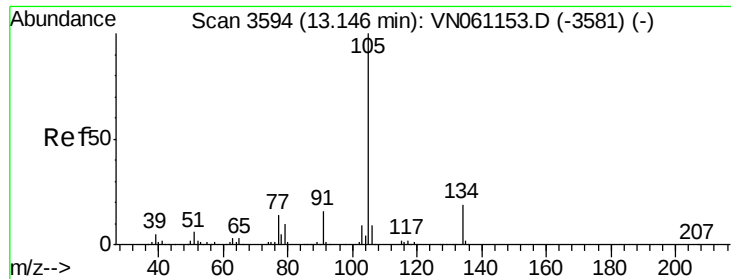
Tot Ion:119 Resp: 250742
 Ion Ratio Lower Upper
 119 100
 91 69.6 34.8 104.4
 134 25.8 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 50.077 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061153.D
 Acq: 27 Apr 2020 17:12

Tgt Ion:105 Resp: 303187
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 49.905 ug/l

RT: 13.15 min Scan# 3594

Delta R.T. 0.00 min

Lab File: VN061153.D

Acq: 27 Apr 2020 17:12

Instrument :

MSVOA_N

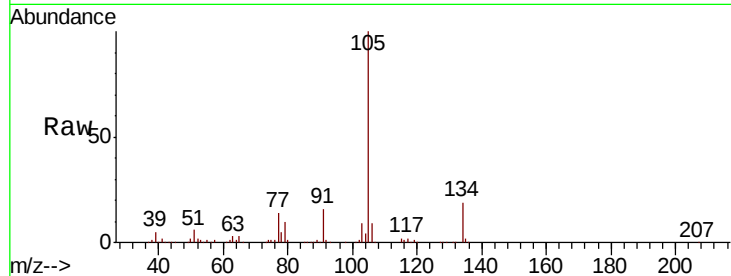
ClientSampleId :

Tot Ion:105 Resp: 344351

Ion Ratio Lower Upper

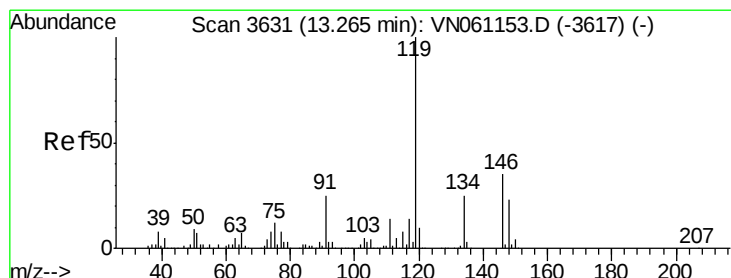
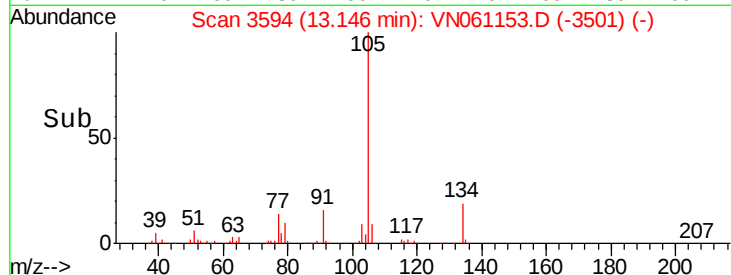
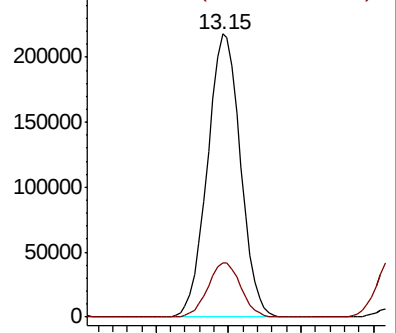
105 100

134 19.2 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.493 ug/l

RT: 13.26 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VN061153.D

Acq: 27 Apr 2020 17:12

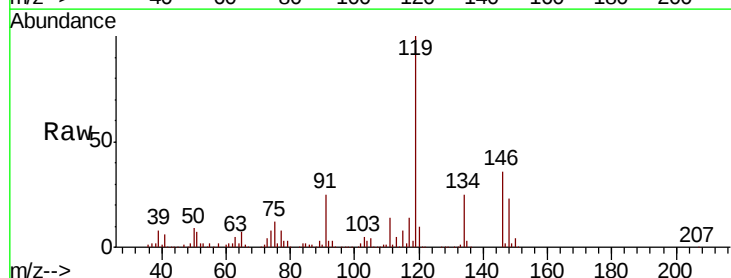
Tgt Ion:119 Resp: 309599

Ion Ratio Lower Upper

119 100

134 25.1 12.6 37.6

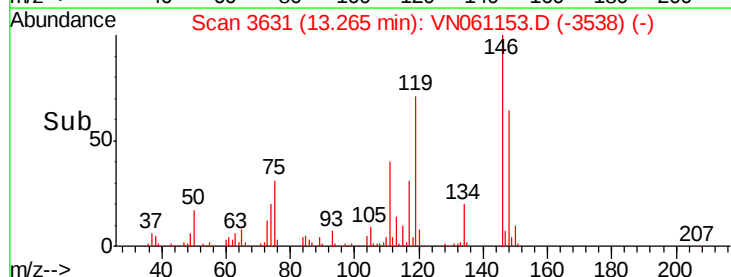
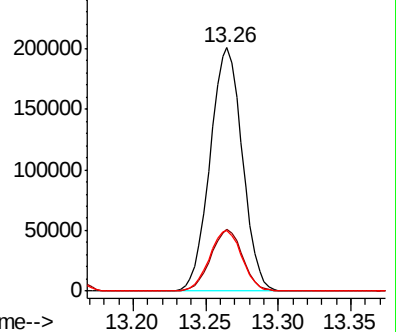
91 25.3 12.7 38.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

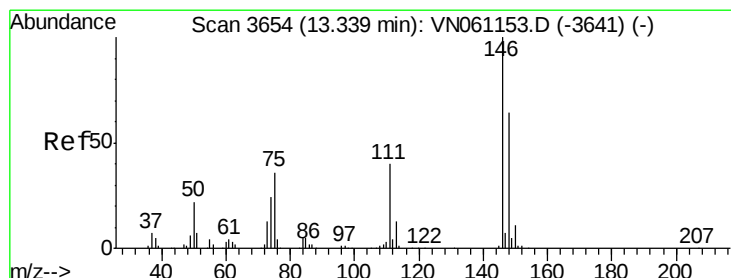
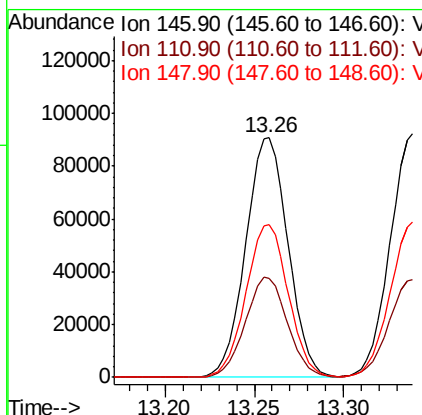
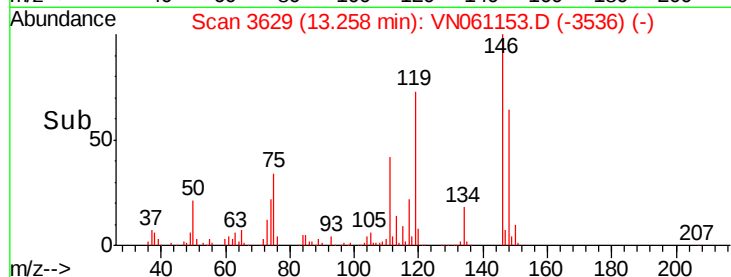
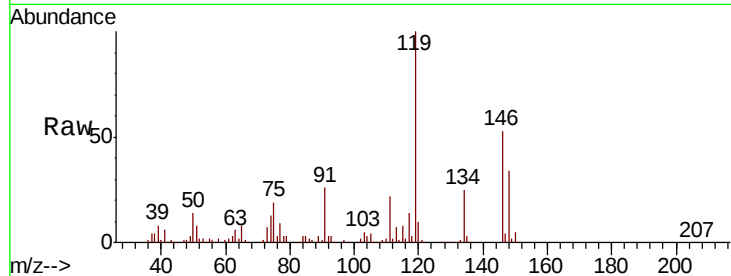




#87
 1,3-Dichlorobenzene
 Concen: 48.576 ug/l
 RT: 13.26 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VN061153.D
 Acq: 27 Apr 2020 17:12

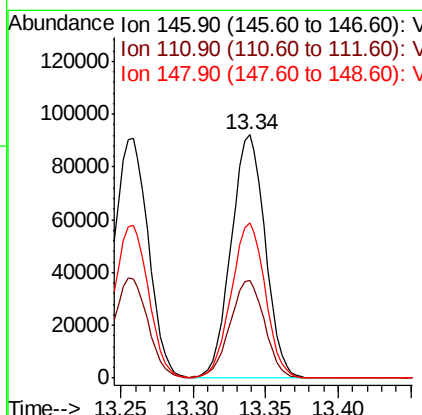
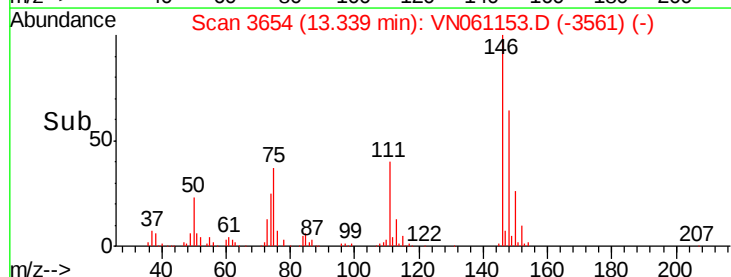
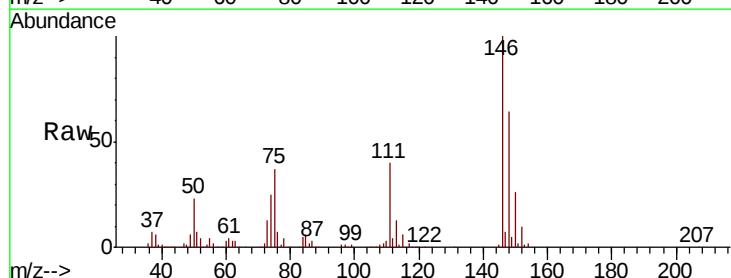
Instrument :
 MSVOA_N
 ClientSampled :

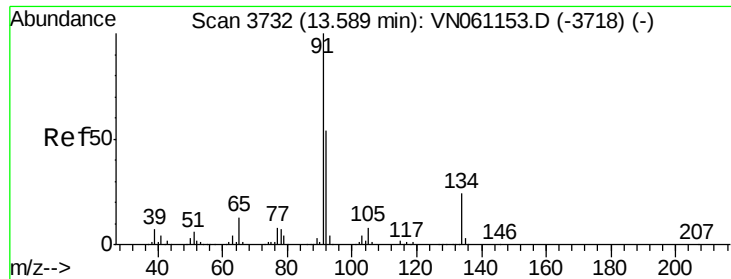
Tot Ion:146 Resp: 150666
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.7 62.1
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 47.791 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061153.D
 Acq: 27 Apr 2020 17:12

Tgt Ion:146 Resp: 150166
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.4 61.3
 148 63.8 31.9 95.7

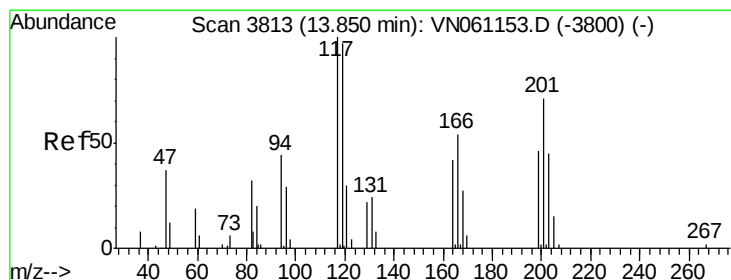
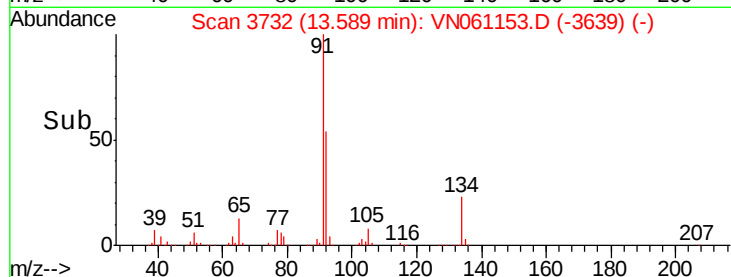
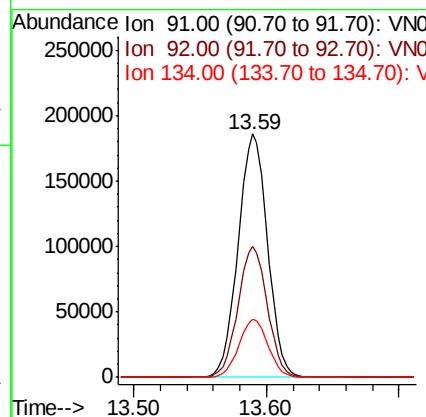
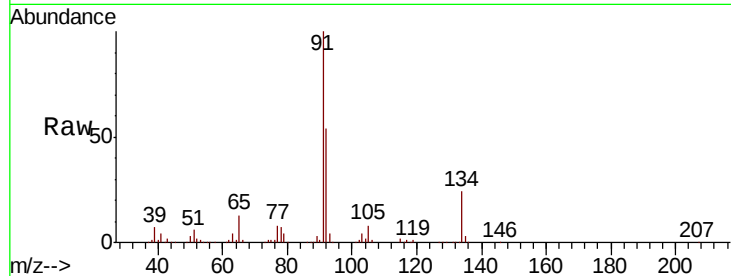




#89
n-Butylbenzene
Concen: 50.156 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061153.D
Acq: 27 Apr 2020 17:12

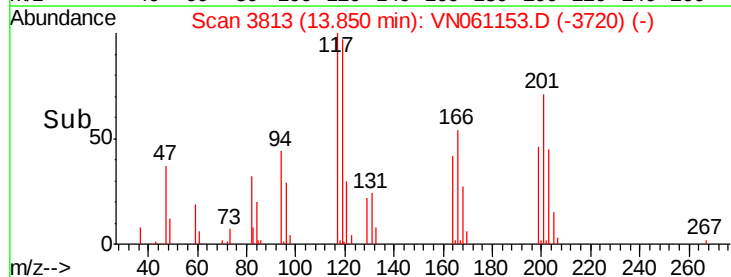
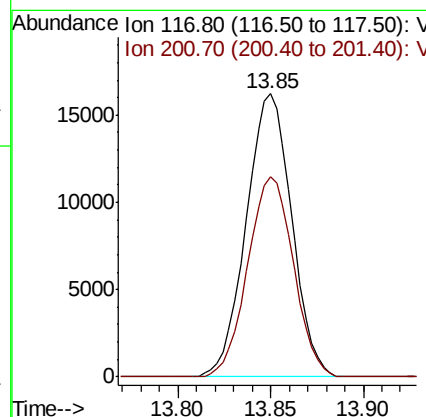
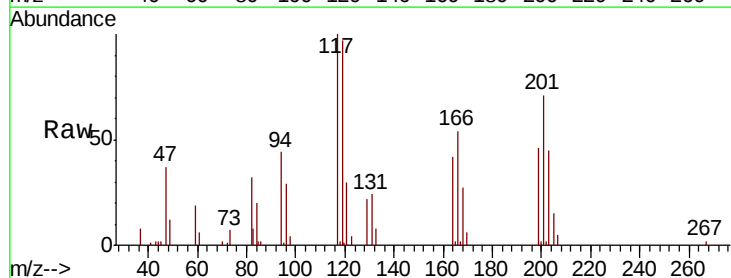
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 286411
Ion Ratio Lower Upper
91 100
92 53.5 26.8 80.3
134 23.7 11.9 35.5



#90
Hexachloroethane
Concen: 54.685 ug/l
RT: 13.85 min Scan# 3813
Delta R.T. 0.00 min
Lab File: VN061153.D
Acq: 27 Apr 2020 17:12

Tgt Ion: 117 Resp: 27607
Ion Ratio Lower Upper
117 100
201 71.1 35.5 106.7





#91

1,2-Dichlorobenzene

Concen: 49.746 ug/l

RT: 13.63 min Scan# 3744

Delta R.T. 0.00 min

Lab File: VN061153.D

Acq: 27 Apr 2020 17:12

Instrument :

MSVOA_N

ClientSampleId :

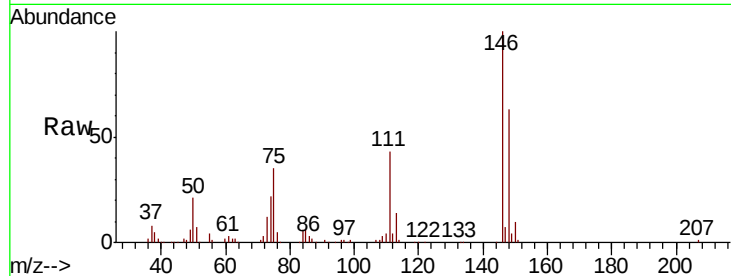
Tot Ion:146 Resp: 143812

Ion Ratio Lower Upper

146 100

111 43.5 21.8 65.3

148 63.3 31.6 95.0

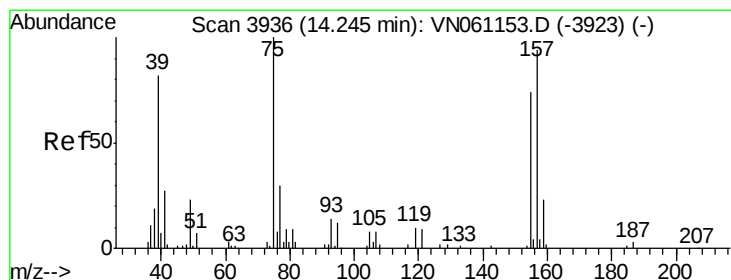
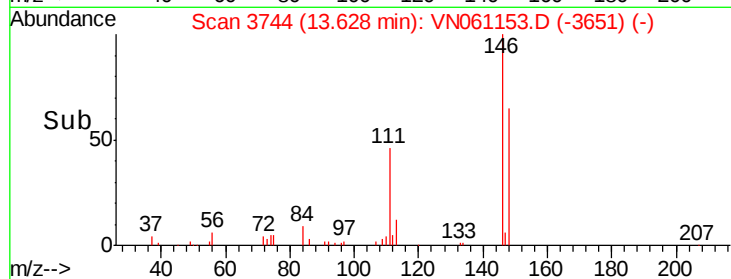
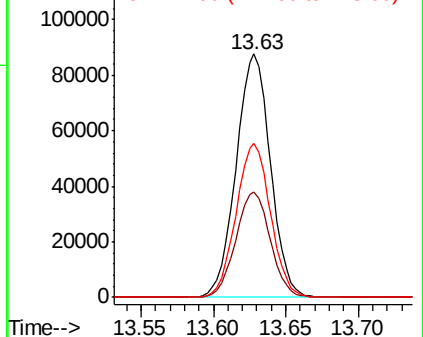


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 56.563 ug/l

RT: 14.25 min Scan# 3936

Delta R.T. 0.00 min

Lab File: VN061153.D

Acq: 27 Apr 2020 17:12

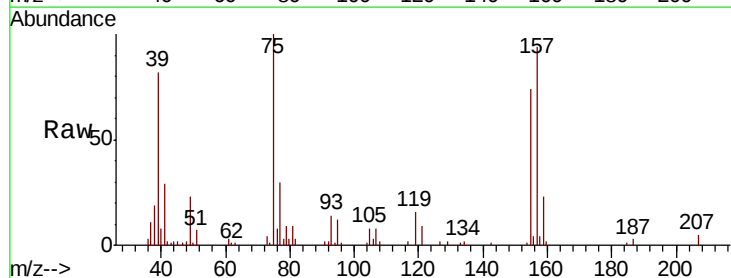
Tgt Ion: 75 Resp: 24287

Ion Ratio Lower Upper

75 100

155 73.1 36.5 109.7

157 93.1 46.6 139.7

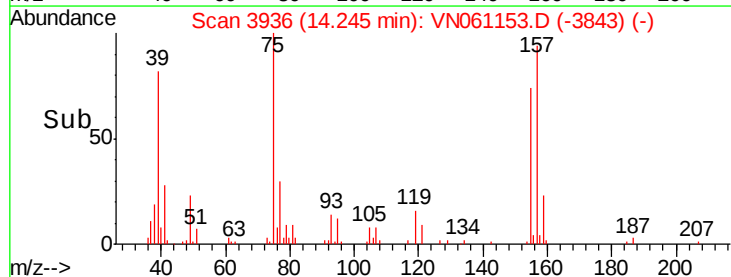
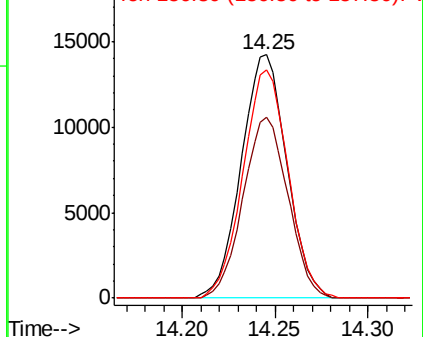


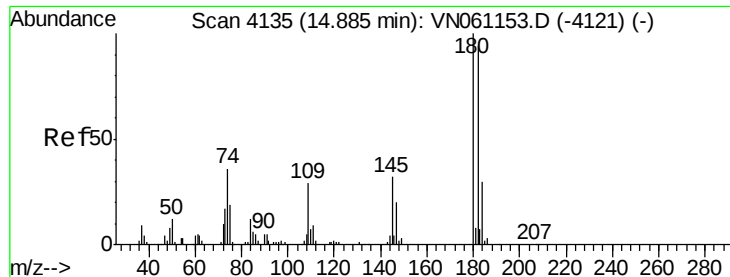
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

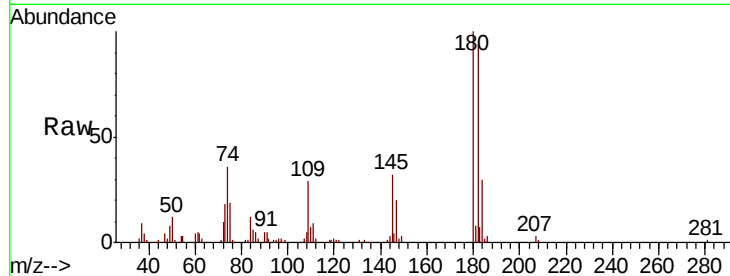




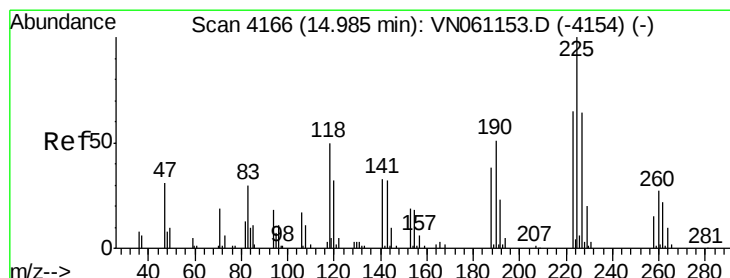
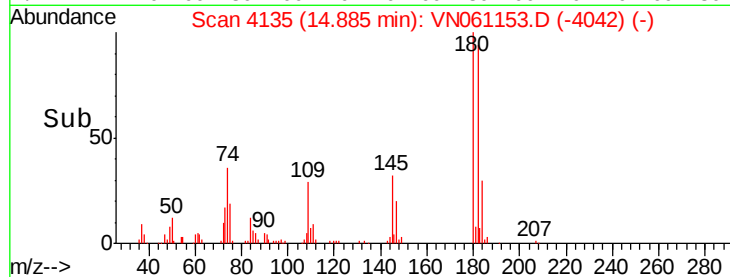
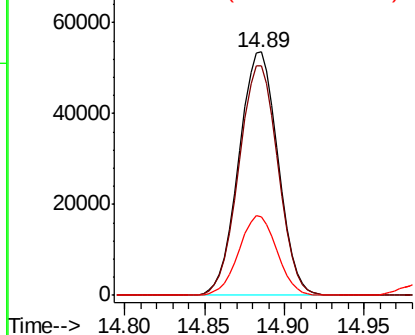
#93
 1,2,4-Trichlorobenzene
 Concen: 46.619 ug/l
 RT: 14.89 min Scan# 4135
 Delta R.T. 0.00 min
 Lab File: VN061153.D
 Acq: 27 Apr 2020 17:12

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.3	141.9
145	31.9	16.0	47.9

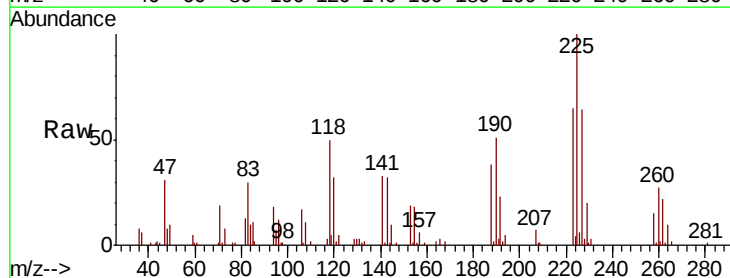


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

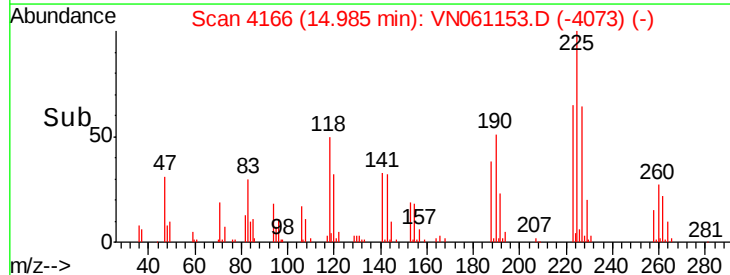
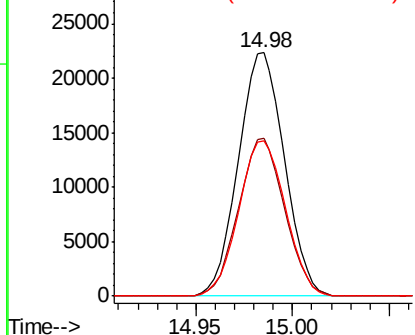


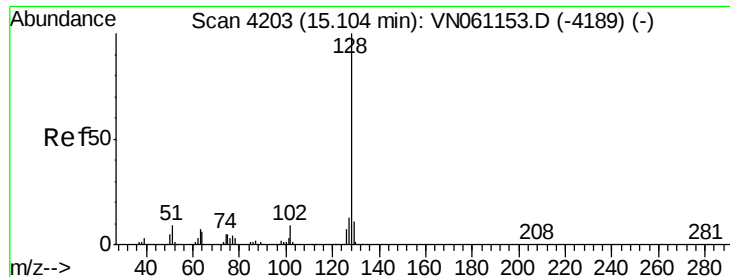
#94
 Hexachlorobutadiene
 Concen: 44.599 ug/l
 RT: 14.98 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061153.D
 Acq: 27 Apr 2020 17:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	32.4	97.0
227	64.7	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: 49.556 ug/l

RT: 15.10 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061153.D

Acq: 27 Apr 2020 17:12

Instrument :

MSVOA_N

ClientSampleId :

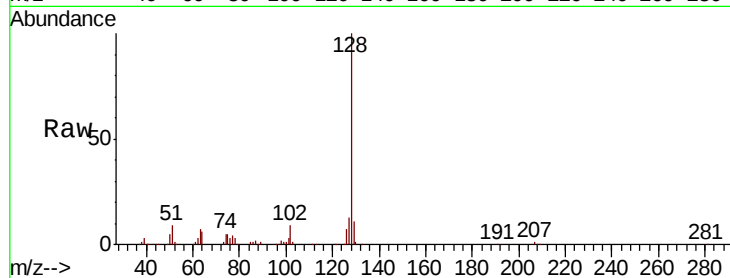
Tot Ion:128 Resp: 295636

Ion Ratio Lower Upper

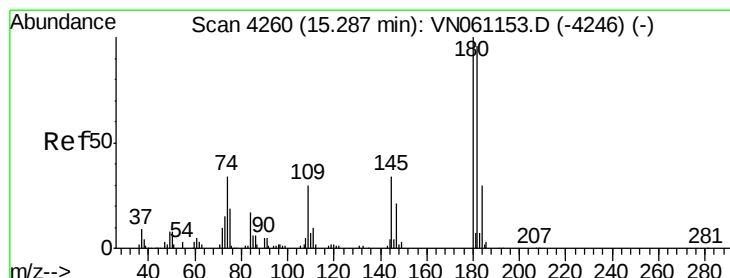
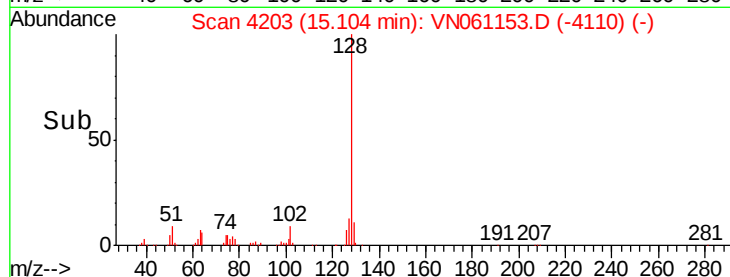
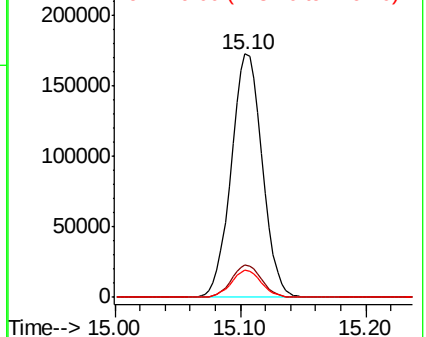
128 100

127 13.0 10.4 15.6

129 10.9 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: 47.163 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN061153.D

Acq: 27 Apr 2020 17:12

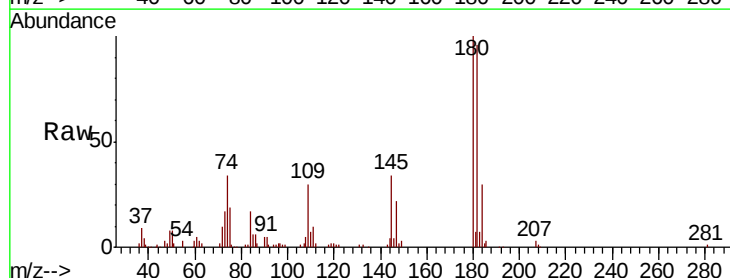
Tgt Ion:180 Resp: 87055

Ion Ratio Lower Upper

180 100

182 95.0 47.5 142.5

145 33.8 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

