

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051120\
 Data File : VN061390.D
 Acq On : 11 May 2020 16:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 12 02:15:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	107958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	184801	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	173056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	83059	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	86525	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
35) Dibromofluoromethane	7.55	113	52962	48.47	ug/l	0.00
Spiked Amount			Recovery	=	96.94%	
50) Toluene-d8	10.06	98	226307	50.80	ug/l	0.00
Spiked Amount			Recovery	=	101.60%	
62) 4-Bromofluorobenzene	12.37	95	86756	51.75	ug/l	0.00
Spiked Amount			Recovery	=	103.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	49591	43.318	ug/l	97
3) Chloromethane	2.03	50	67724	48.845	ug/l	99
4) Vinyl Chloride	2.16	62	73837	46.887	ug/l	99
5) Bromomethane	2.54	94	30527	39.216	ug/l	99
6) Chloroethane	2.67	64	45386	45.470	ug/l	99
7) Trichlorofluoromethane	2.98	101	95405	53.697	ug/l	100
8) Diethyl Ether	3.37	74	39696	53.565	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	56871	49.686	ug/l	98
10) Methyl Iodide	3.91	142	57638	39.183	ug/l	99
11) Tert butyl alcohol	4.72	59	44478	194.371	ug/l	98
12) 1,1-Dichloroethene	3.70	96	53805	47.237	ug/l	98
13) Acrolein	3.56	56	26813	175.831	ug/l	96
14) Allyl chloride	4.27	41	117759	55.757	ug/l	98
15) Acrylonitrile	4.92	53	176787	251.672	ug/l	100
16) Acetone	3.77	43	149214	225.313	ug/l	99
17) Carbon Disulfide	4.01	76	126971	40.354	ug/l	99
18) Methyl Acetate	4.27	43	95330	44.288	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	217062	49.872	ug/l	98
20) Methylene Chloride	4.50	84	64390	48.340	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	59498	47.970	ug/l	98
22) Diisopropyl ether	5.90	45	253798	51.821	ug/l	99
23) Vinyl Acetate	5.84	43	1002663	254.264	ug/l	100
24) 1,1-Dichloroethane	5.80	63	127633	49.879	ug/l	99
25) 2-Butanone	6.78	43	234618	232.108	ug/l	99
26) 2,2-Dichloropropane	6.77	77	102999	47.788	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	71081	48.835	ug/l	99
28) Bromochloromethane	7.15	49	66685	54.982	ug/l	96
29) Tetrahydrofuran	7.16	42	157457	231.246	ug/l	99
30) Chloroform	7.33	83	125993	48.587	ug/l	99
31) Cyclohexane	7.61	56	105474	42.443	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	107724	47.706	ug/l	100
36) 1,1-Dichloropropene	7.75	75	91101	49.245	ug/l	99
37) Ethyl Acetate	6.88	43	104762	48.305	ug/l	100
38) Carbon Tetrachloride	7.73	117	82907	49.160	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	90818	43.775	ug/l	100
40) Benzene	8.00	78	265719	48.212	ug/l	100
41) Methacrylonitrile	7.12	41	48312	53.653	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	105516	50.536	ug/l	100
43) Isopropyl Acetate	8.12	43	177843	49.411	ug/l	99
44) Trichloroethene	8.80	130	66705	44.771	ug/l	99
45) 1,2-Dichloropropane	9.08	63	75022	50.951	ug/l	99
46) Dibromomethane	9.17	93	46474	50.976	ug/l	98
47) Bromodichloromethane	9.37	83	102112	52.182	ug/l	97
48) Methyl methacrylate	9.17	41	81228	50.012	ug/l	98
49) 1,4-Dioxane	9.16	88	12908	700.133	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	523269	246.988	ug/l	99
52) Toluene	10.12	92	163418	49.227	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	111591	50.610	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	117775	50.524	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	65343	49.348	ug/l	99
56) Ethyl methacrylate	10.40	69	105785	46.072	ug/l	99
57) 1,3-Dichloropropane	10.68	76	118487	50.908	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	268672	250.670	ug/l	99
59) 2-Hexanone	10.72	43	372468	241.655	ug/l	100
60) Dibromochloromethane	10.87	129	70082	50.534	ug/l	99
61) 1,2-Dibromoethane	10.98	107	65377	49.260	ug/l	99
64) Tetrachloroethene	10.60	164	62971	42.013	ug/l	98
65) Chlorobenzene	11.41	112	168569	49.105	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	63394	51.596	ug/l	100
67) Ethyl Benzene	11.48	91	320430	49.863	ug/l	100
68) m/p-Xylenes	11.60	106	231591	98.457	ug/l	98
69) o-Xylene	11.92	106	112235	49.674	ug/l	99
70) Styrene	11.94	104	192295	50.850	ug/l	99
71) Bromoform	12.10	173	46601	51.607	ug/l #	98
73) Isopropylbenzene	12.22	105	304353	49.844	ug/l	100
74) N-amyl acetate	12.04	43	153625	49.685	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	95106	49.952	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	130256	74.385	ug/l #	100
77) Bromobenzene	12.50	156	71042	50.401	ug/l	99
78) n-propylbenzene	12.56	91	362715	50.082	ug/l	100
79) 2-Chlorotoluene	12.65	91	214062	50.285	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	255020	50.462	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	33946	49.229	ug/l	99
82) 4-Chlorotoluene	12.75	91	228544	50.938	ug/l	98
83) tert-Butylbenzene	12.97	119	209226	49.098	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	254584	48.895	ug/l	100
85) sec-Butylbenzene	13.15	105	280594	48.296	ug/l	99
86) p-Isopropyltoluene	13.26	119	253987	48.521	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	128125	49.376	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	129272	48.758	ug/l	99
89) n-Butylbenzene	13.59	91	236056	49.191	ug/l	99
90) Hexachloroethane	13.85	117	34664	61.431	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	121234	48.726	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18831	46.830	ug/l	99

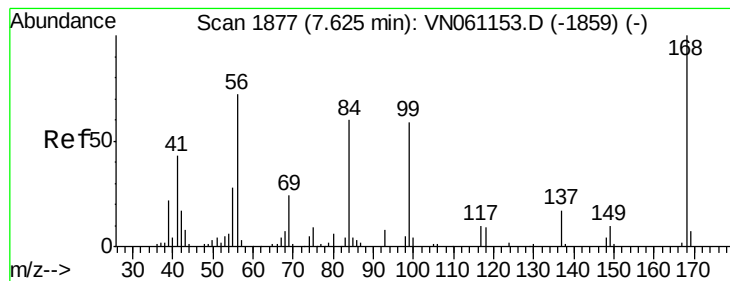
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	72739	48.009	ug/l	100
94) Hexachlorobutadiene	14.98	225	30980	48.945	ug/l	98
95) Naphthalene	15.10	128	220940	44.777	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	70537	47.155	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Instrument :

MSVOA_N

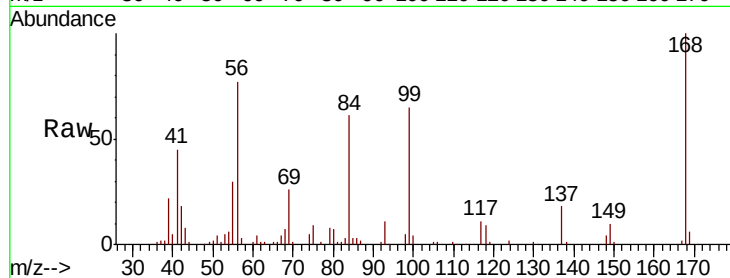
ClientSampled :

Tot Ion:168 Resp: 107958

Ion Ratio Lower Upper

168 100

99 65.4 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

40000

30000

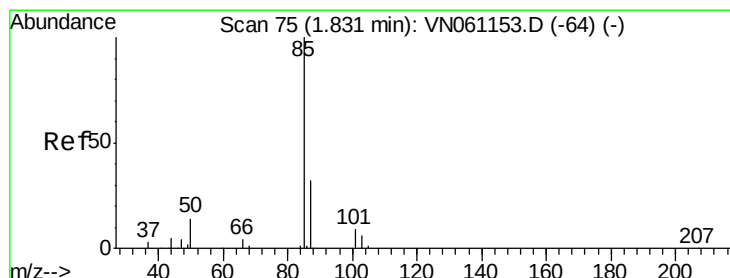
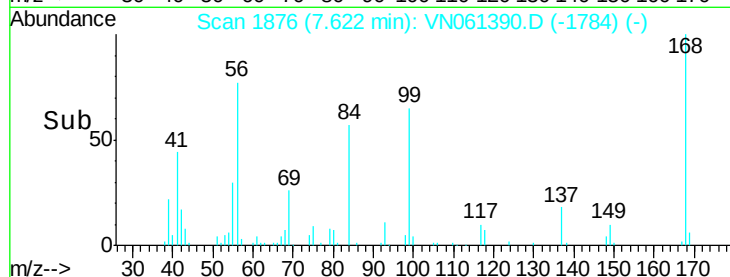
20000

10000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 43.318 ug/l

RT: 1.83 min Scan# 75

Delta R.T. 0.00 min

Lab File: VN061390.D

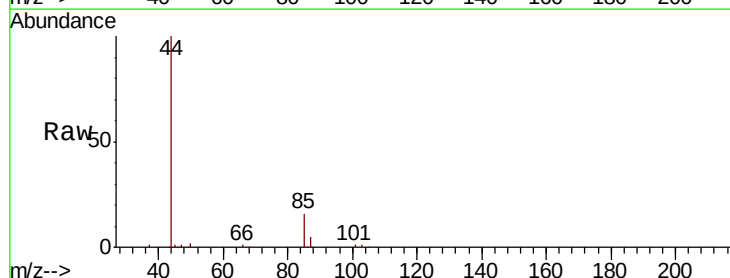
Acq: 11 May 2020 16:36

Tgt Ion: 85 Resp: 49591

Ion Ratio Lower Upper

85 100

87 33.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

30000

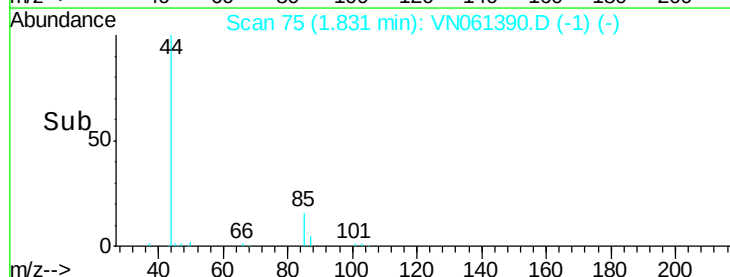
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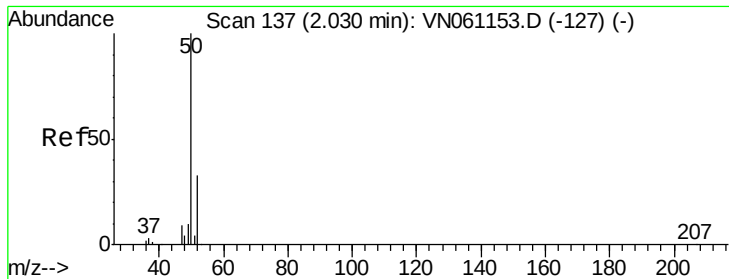
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 48.845 ug/l

RT: 2.03 min Scan# 138

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Instrument :

MSVOA_N

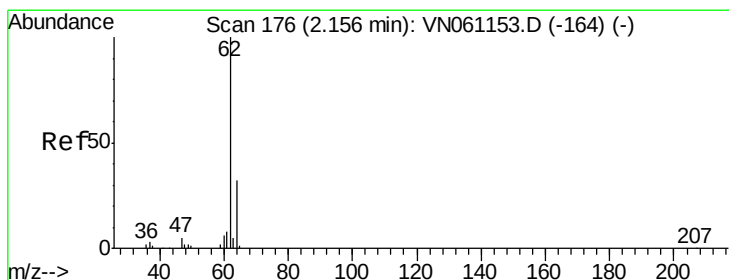
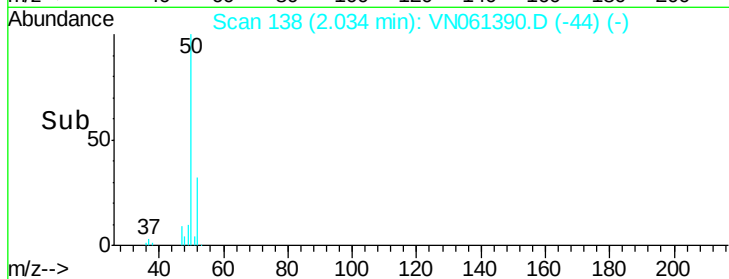
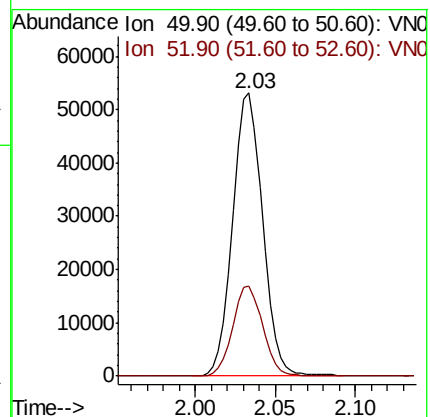
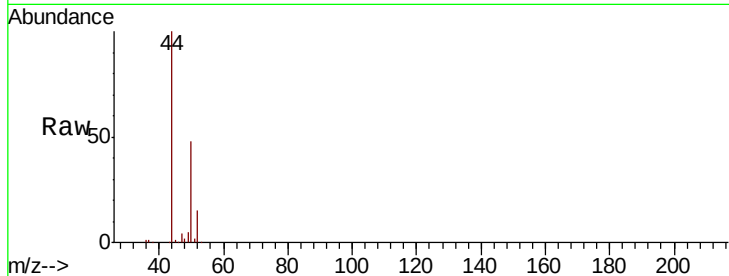
ClientSampled :

Tot Ion: 50 Resp: 67724

Ion Ratio Lower Upper

50 100

52 31.9 26.0 39.0



#4

Vinyl Chloride

Concen: 46.887 ug/l

RT: 2.16 min Scan# 177

Delta R.T. 0.00 min

Lab File: VN061390.D

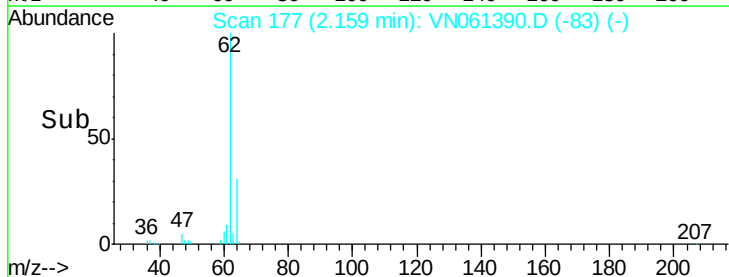
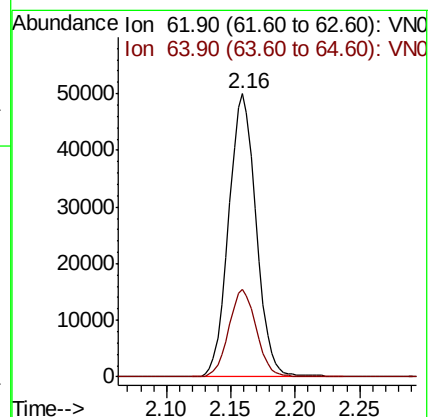
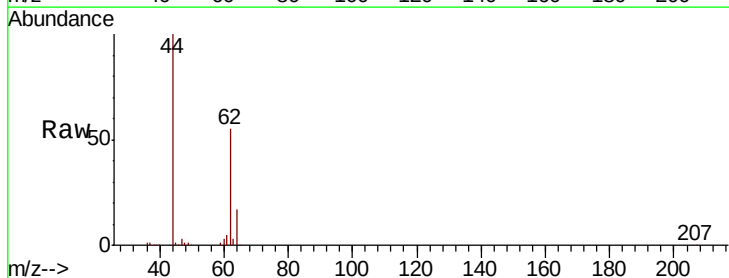
Acq: 11 May 2020 16:36

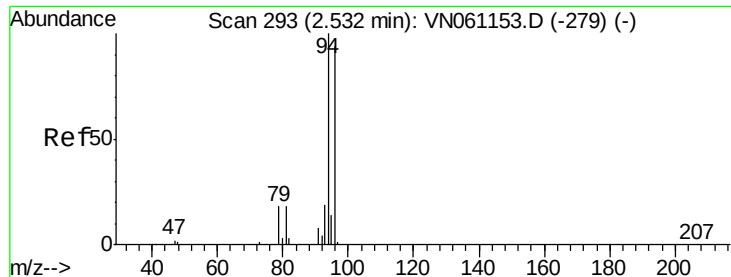
Tgt Ion: 62 Resp: 73837

Ion Ratio Lower Upper

62 100

64 30.8 25.2 37.8





#5

Bromomethane

Concen: 39.216 ug/l

RT: 2.54 min Scan# 294

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Instrument :

MSVOA_N

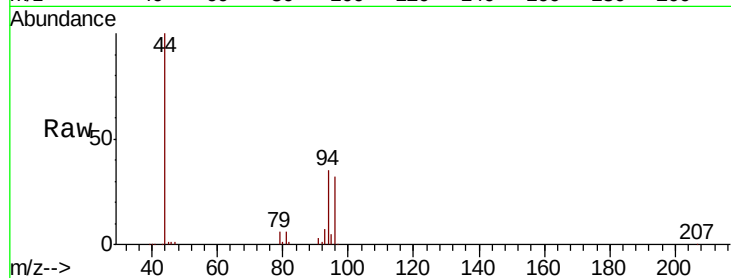
ClientSampled :

Tot Ion: 94 Resp: 30527

Ion Ratio Lower Upper

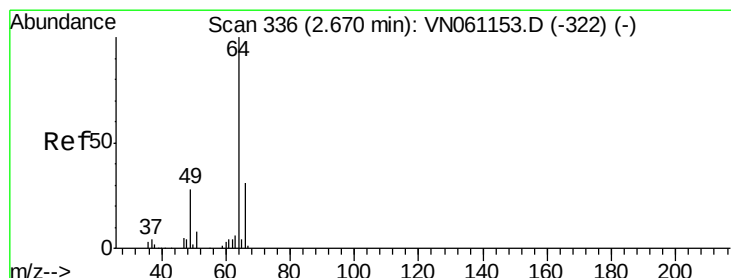
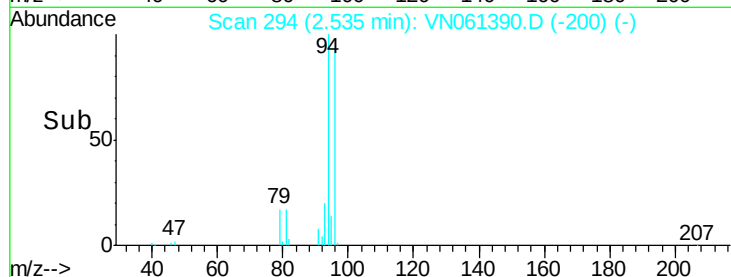
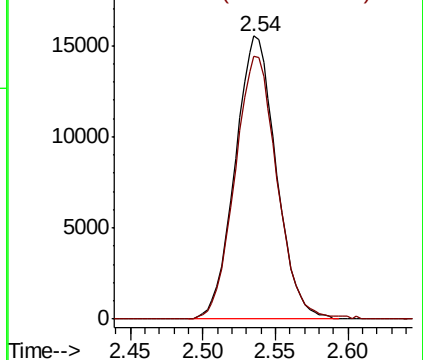
94 100

96 92.8 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: 45.470 ug/l

RT: 2.67 min Scan# 337

Delta R.T. 0.00 min

Lab File: VN061390.D

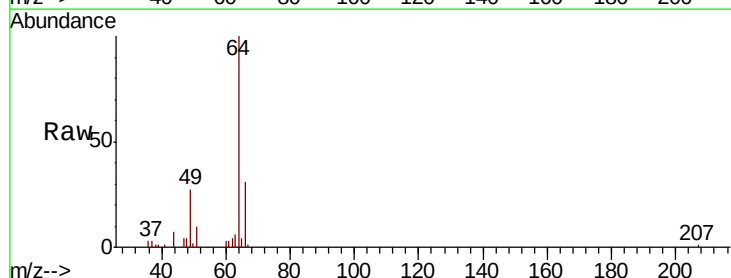
Acq: 11 May 2020 16:36

Tgt Ion: 64 Resp: 45386

Ion Ratio Lower Upper

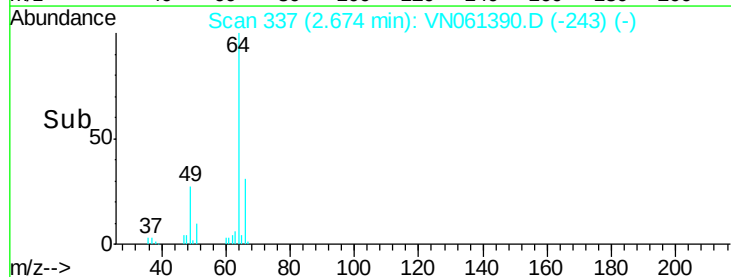
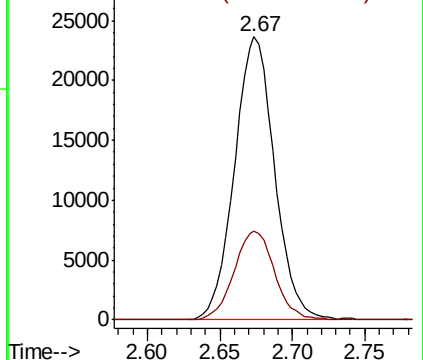
64 100

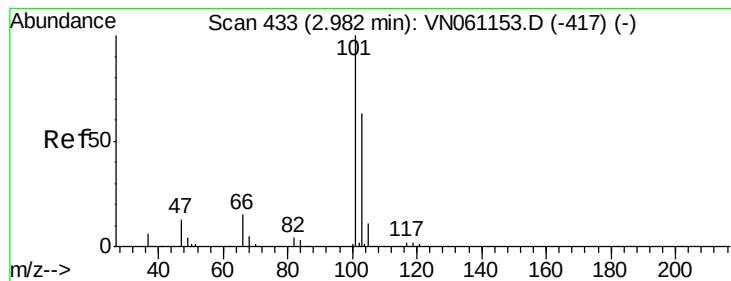
66 31.4 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



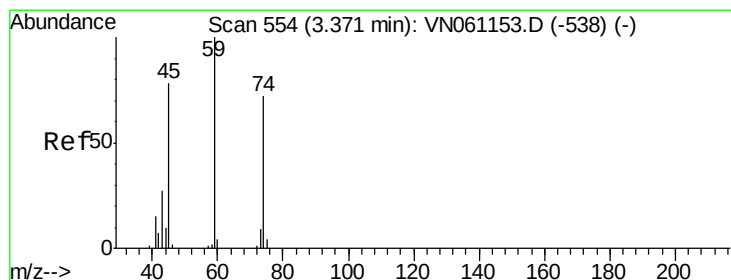
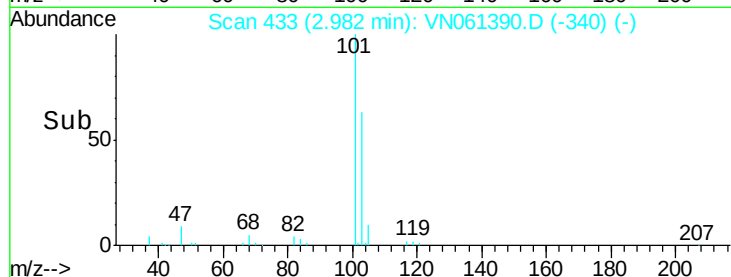
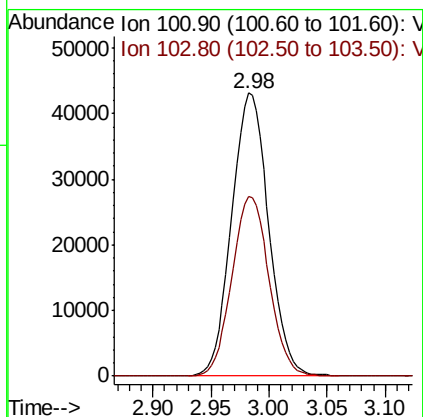
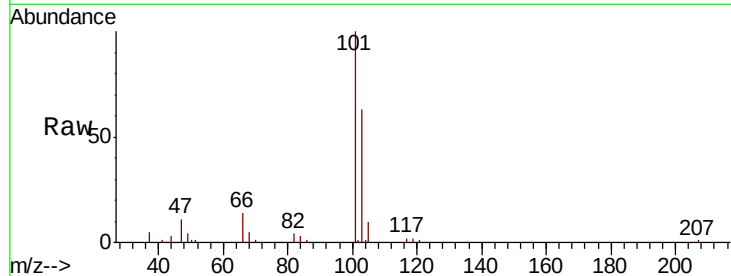


#7

Trichlorofluoromethane
 Concen: 53.697 ug/l
 RT: 2.98 min Scan# 433
 Delta R.T. 0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Instrument :
 MSVOA_N
 ClientSampleId :

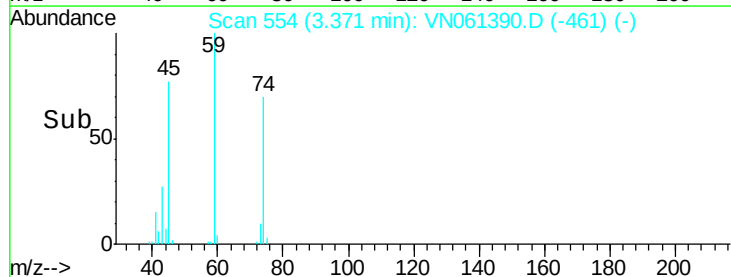
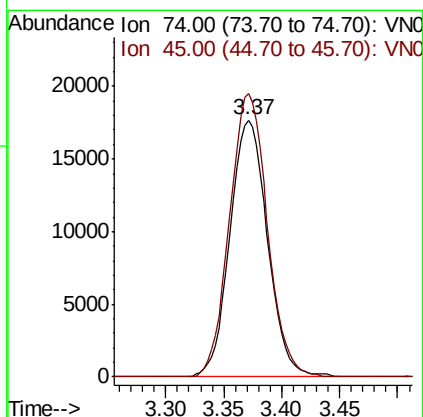
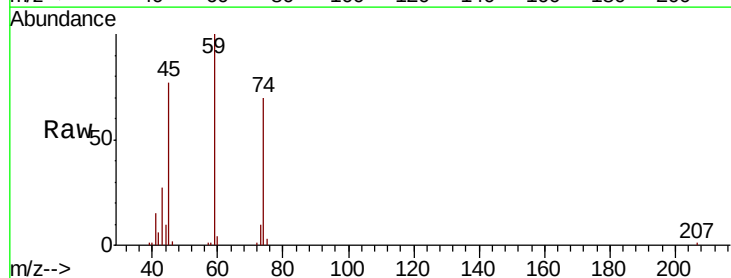
Tot Ion:101 Resp: 95405
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.6 76.0

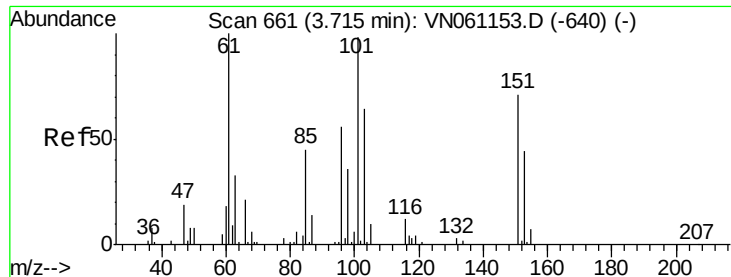


#8

Diethyl Ether
 Concen: 53.565 ug/l
 RT: 3.37 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Tgt Ion: 74 Resp: 39696
 Ion Ratio Lower Upper
 74 100
 45 111.0 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.686 ug/l

RT: 3.72 min Scan# 662

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Instrument :

MSVOA_N

ClientSampled :

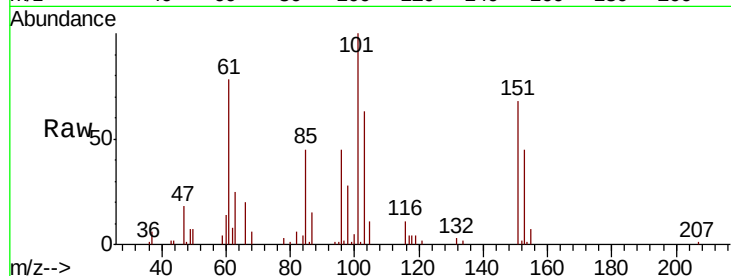
Tot Ion:101 Resp: 56871

Ion Ratio Lower Upper

101 100

85 45.7 37.2 55.8

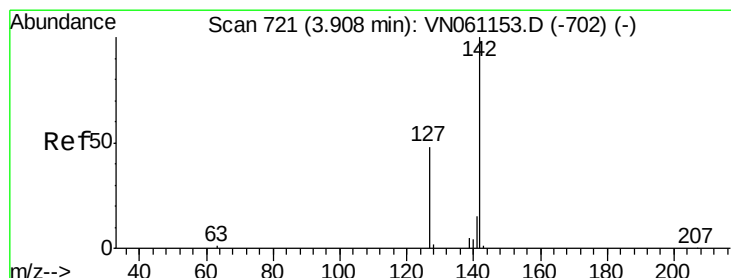
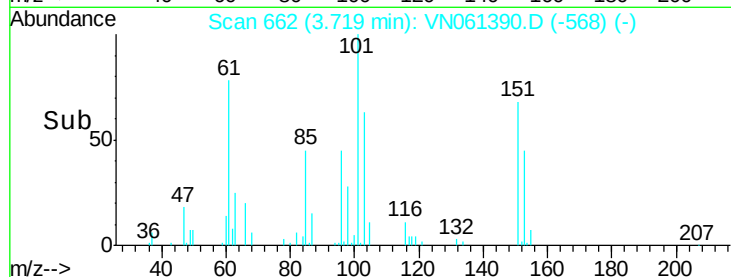
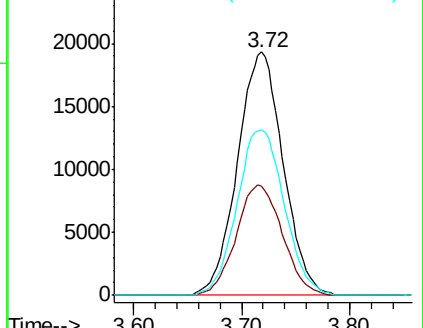
151 70.4 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 39.183 ug/l

RT: 3.91 min Scan# 721

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

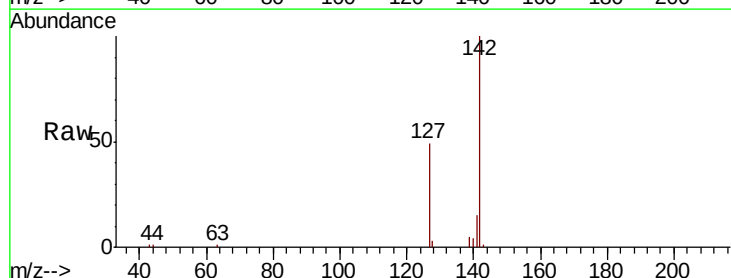
Tgt Ion:142 Resp: 57638

Ion Ratio Lower Upper

142 100

127 47.2 38.0 57.0

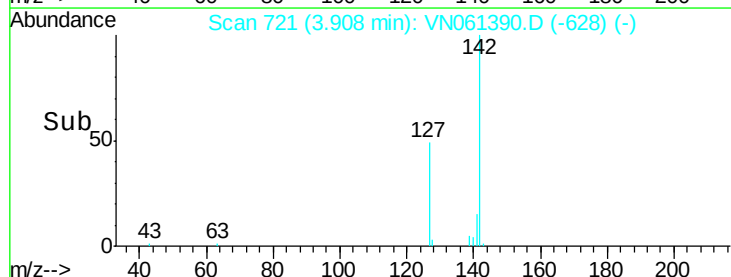
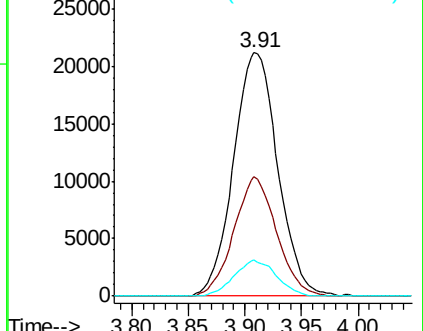
141 14.1 11.7 17.5

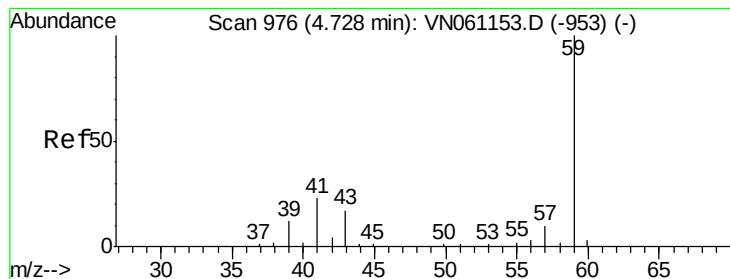


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



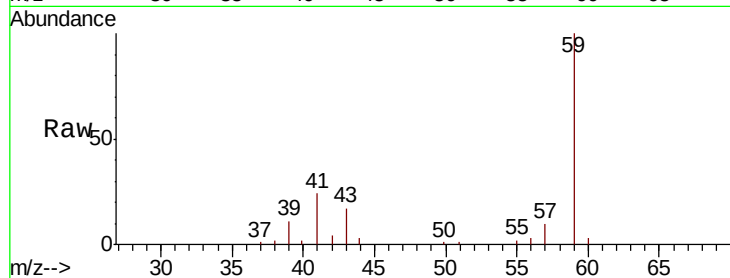


#11

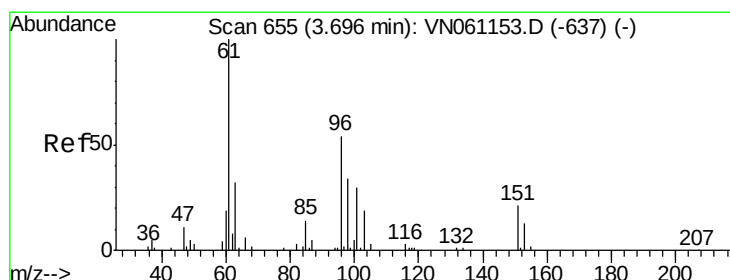
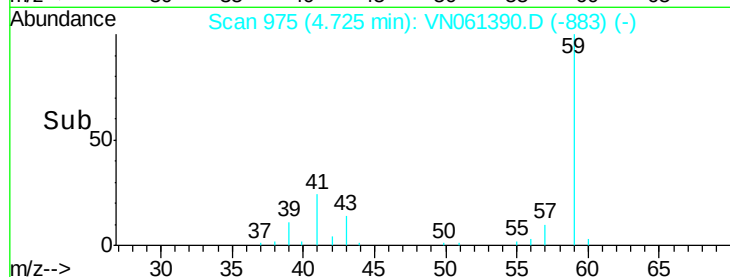
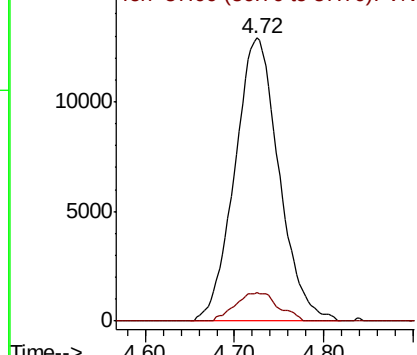
Tert butyl alcohol
 Concen: 194.371 ug/l
 RT: 4.72 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 59 Resp: 44478
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.3 12.5



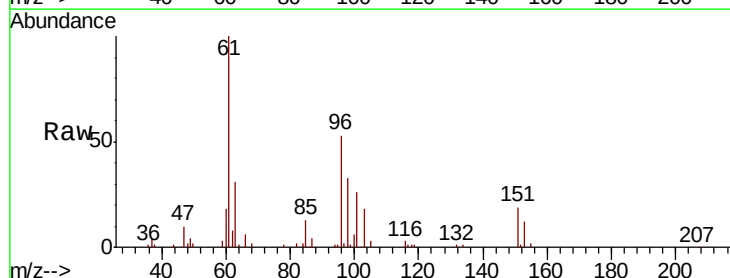
Abundance Ion 59.00 (58.70 to 59.70): VN0
 Ion 57.00 (56.70 to 57.70): VN0



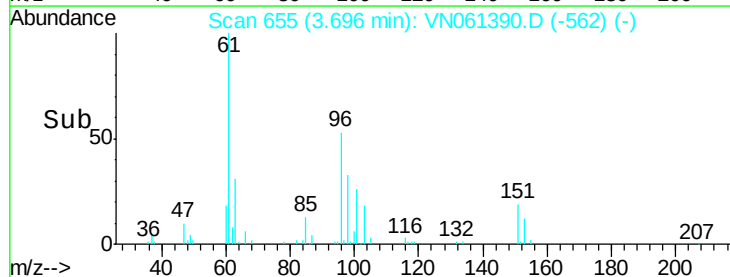
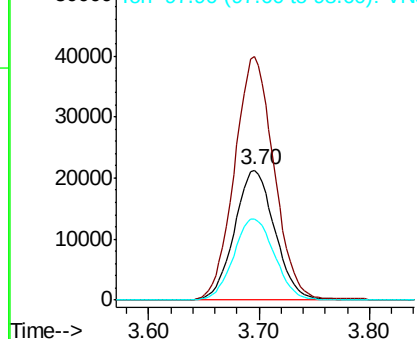
#12

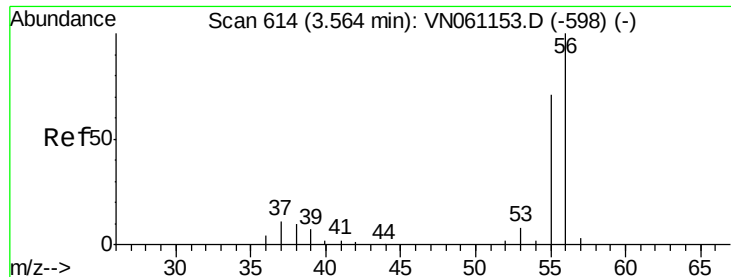
1,1-Dichloroethene
 Concen: 47.237 ug/l
 RT: 3.70 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Tgt Ion: 96 Resp: 53805
 Ion Ratio Lower Upper
 96 100
 61 187.7 147.0 220.6
 98 62.4 49.8 74.6



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





#13

Acrolein

Concen: 175.831 ug/l

RT: 3.56 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Instrument :

MSVOA_N

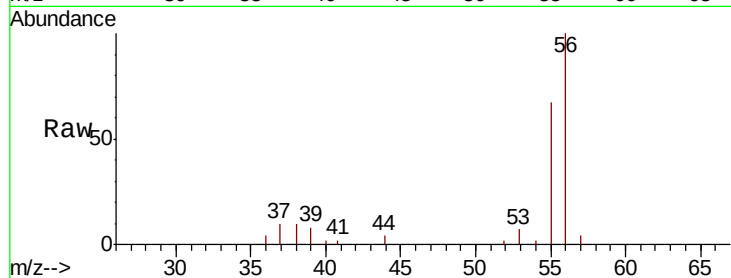
ClientSampleId :

Tot Ion: 56 Resp: 26813

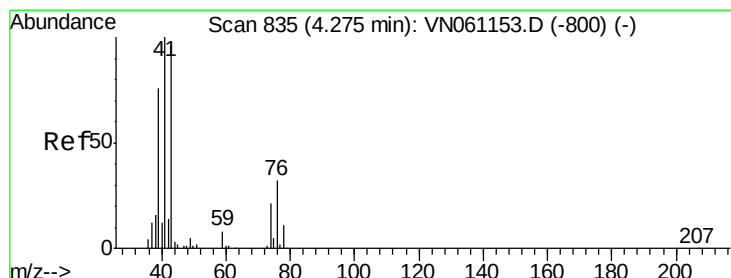
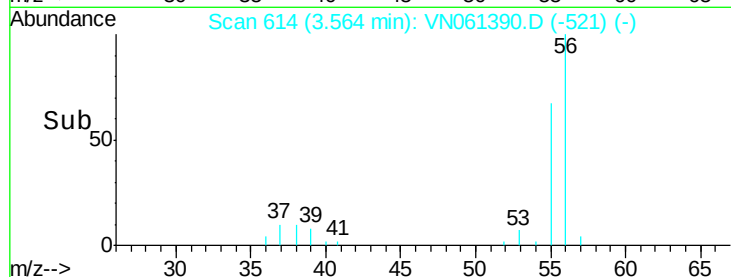
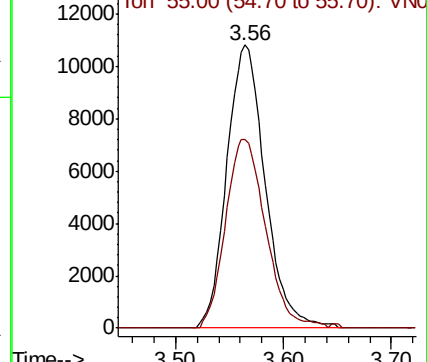
Ion Ratio Lower Upper

56 100

55 69.9 58.5 87.7



Abundance Ion 56.00 (55.70 to 56.70): VN061153.D (-598) (-)



#14

Allyl chloride

Concen: 55.757 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

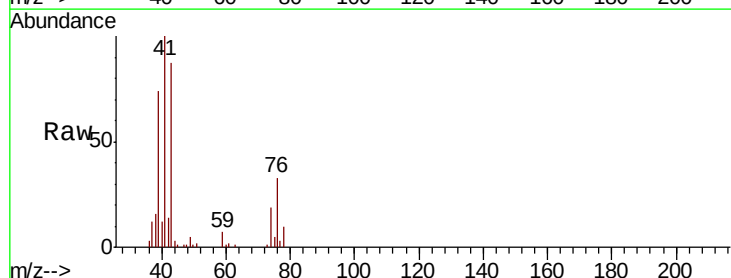
Tgt Ion: 41 Resp: 117759

Ion Ratio Lower Upper

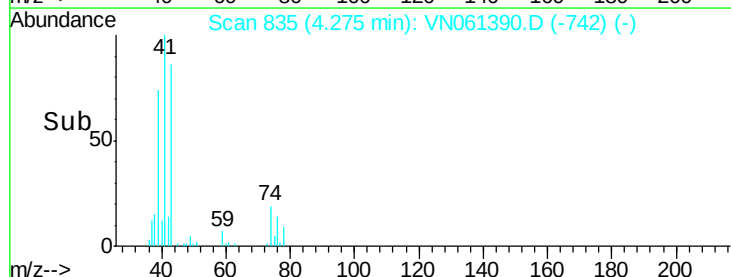
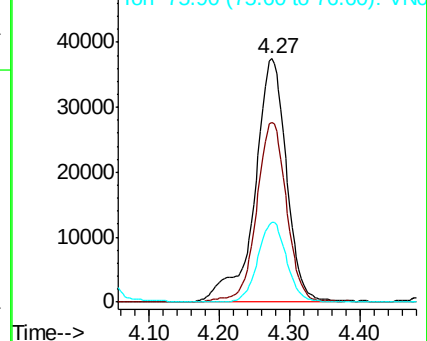
41 100

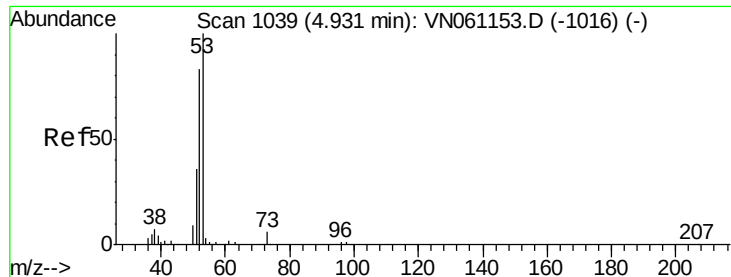
39 69.6 57.1 85.7

76 29.4 24.3 36.5



Abundance Ion 41.00 (40.70 to 41.70): VN061153.D (-800) (-)



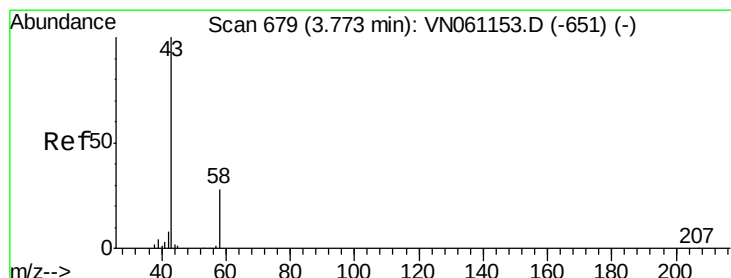
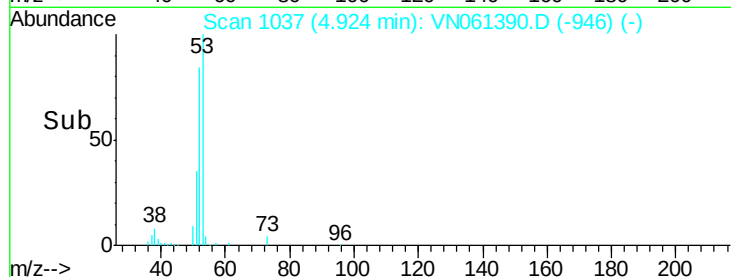
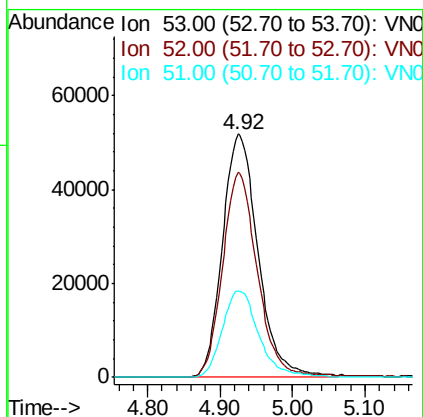
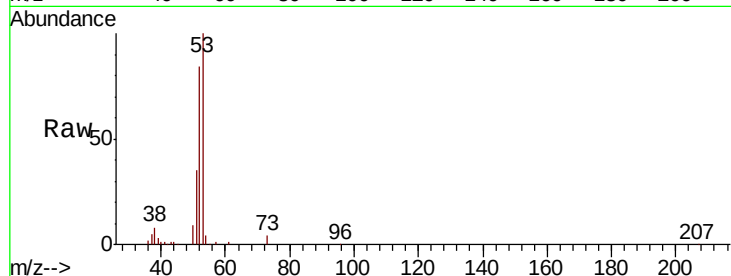


#15
 Acrylonitrile
 Concen: 251.672 ug/l
 RT: 4.92 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 53 Resp: 176787

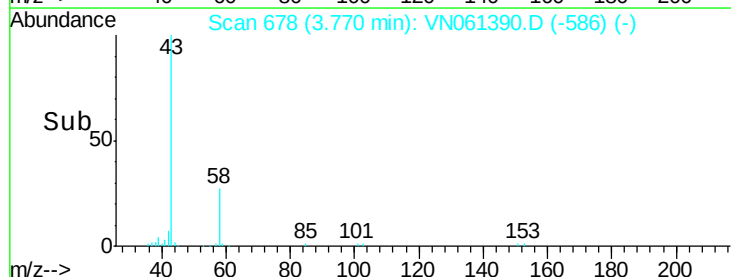
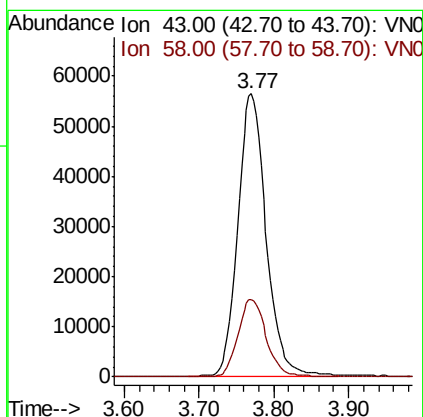
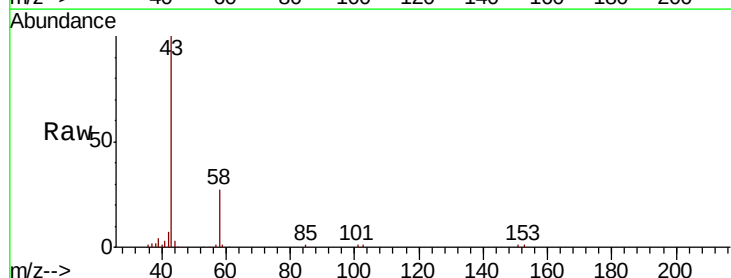
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.4	98.0
51	36.6	29.5	44.3

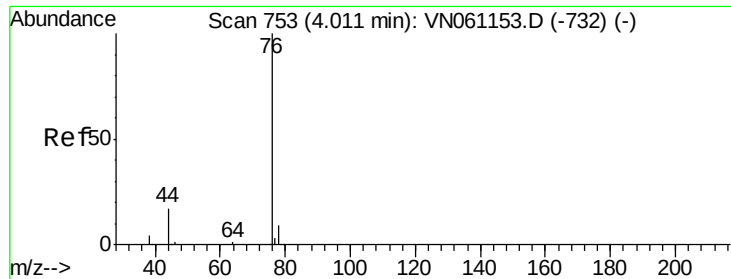


#16
 Acetone
 Concen: 225.313 ug/l
 RT: 3.77 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Tgt Ion: 43 Resp: 149214

Ion	Ratio	Lower	Upper
43	100		
58	27.4	22.2	33.2





#17

Carbon Disulfide

Concen: 40.354 ug/l

RT: 4.01 min Scan# 752

Delta R.T. -0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Instrument :

MSVOA_N

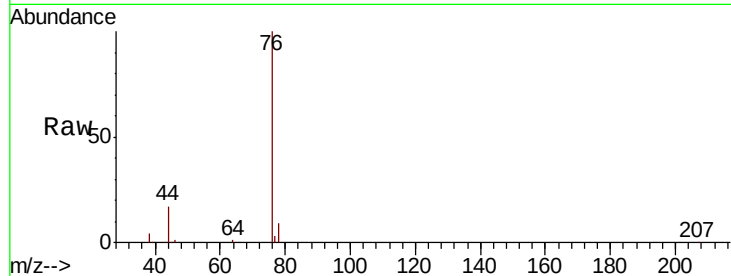
ClientSampled :

Tot Ion: 76 Resp: 126971

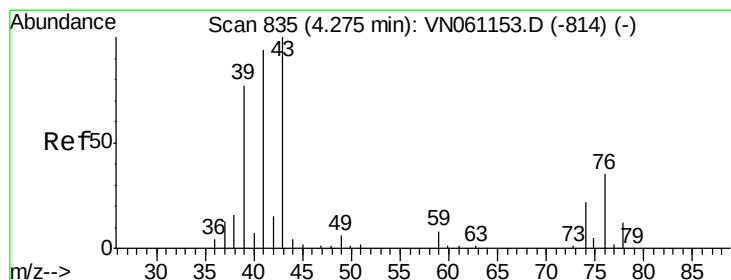
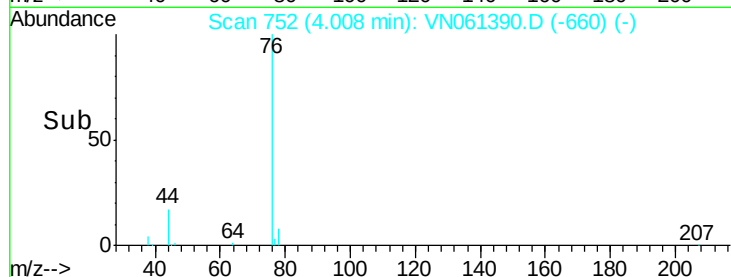
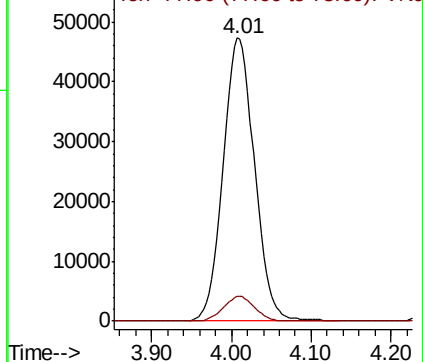
Ion Ratio Lower Upper

76 100

78 8.7 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 44.288 ug/l

RT: 4.27 min Scan# 834

Delta R.T. -0.00 min

Lab File: VN061390.D

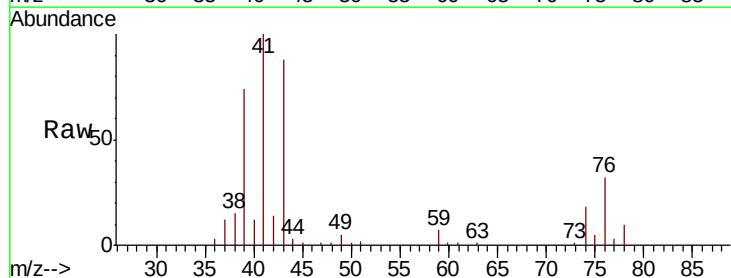
Acq: 11 May 2020 16:36

Tgt Ion: 43 Resp: 95330

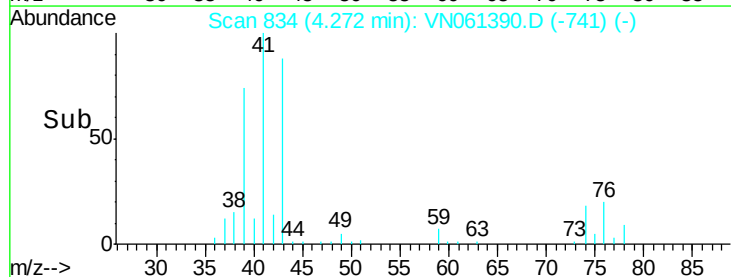
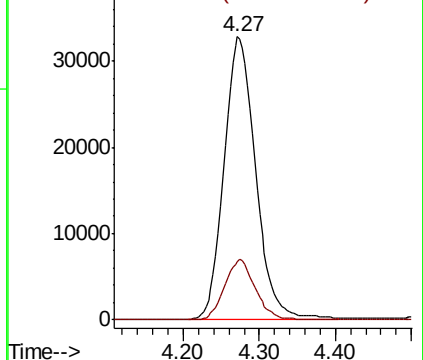
Ion Ratio Lower Upper

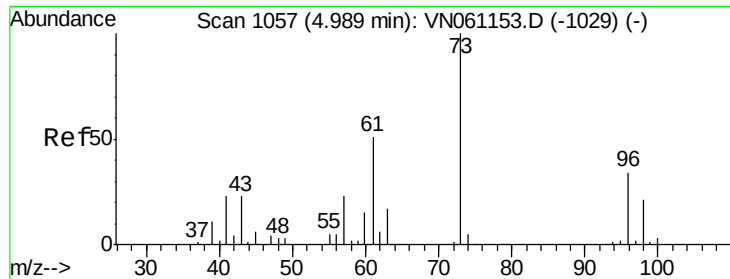
43 100

74 20.4 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO

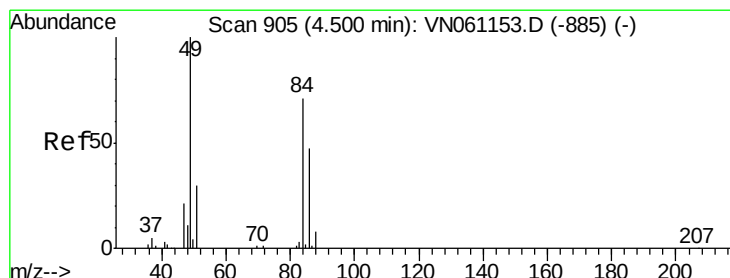
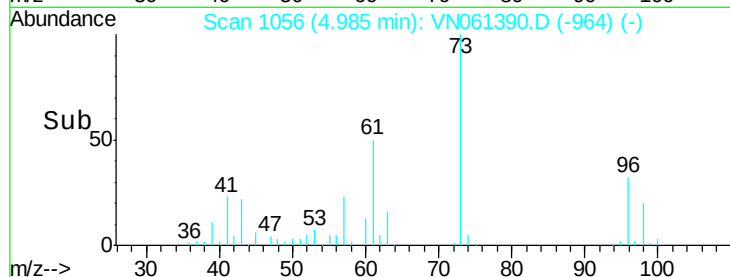
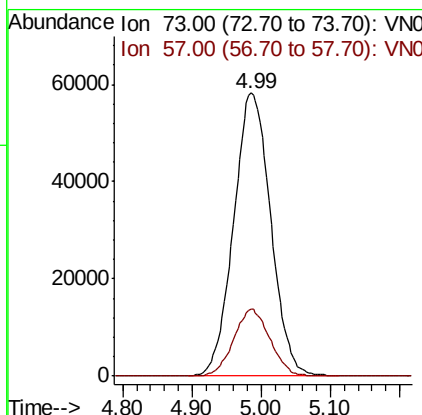
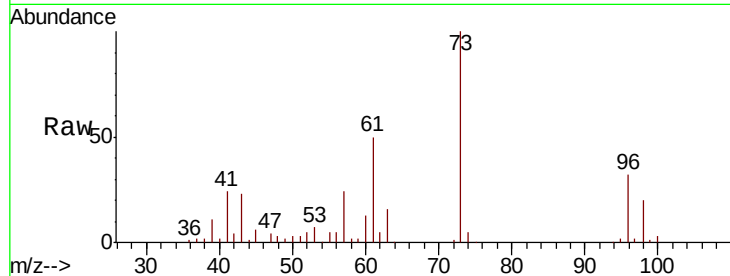




#19
Methyl tert-butyl Ether
Concen: 49.872 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

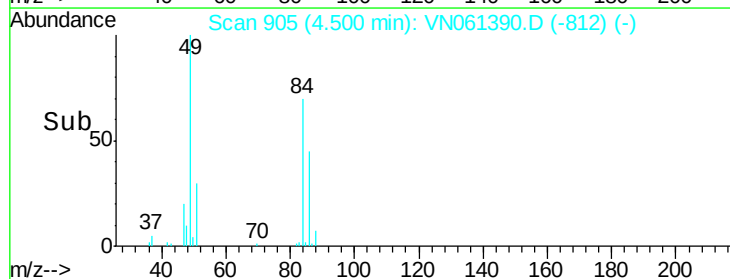
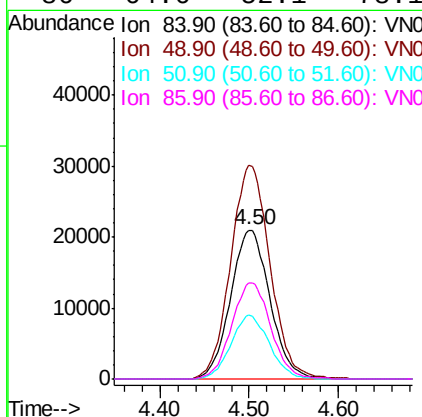
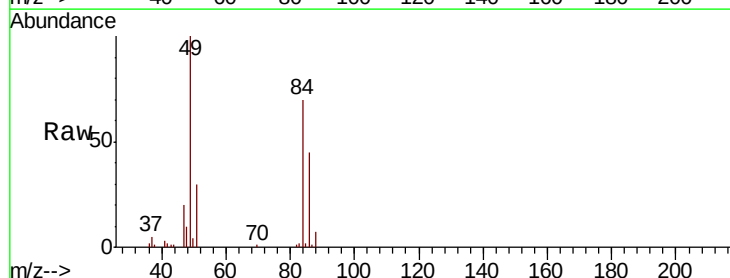
Instrument :
MSVOA_N
ClientSampleId :

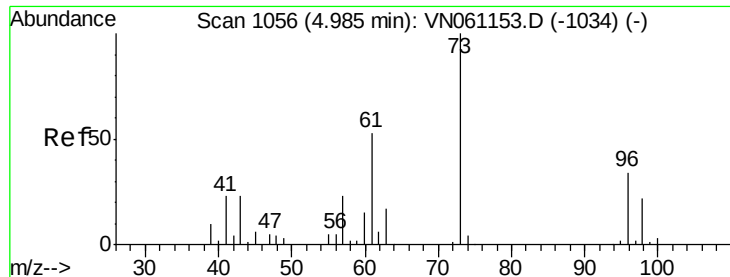
Tot Ion: 73 Resp: 217062
Ion Ratio Lower Upper
73 100
57 23.9 18.3 27.5



#20
Methylene Chloride
Concen: 48.340 ug/l
RT: 4.50 min Scan# 905
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Tgt Ion: 84 Resp: 64390
Ion Ratio Lower Upper
84 100
49 143.6 112.0 168.0
51 43.0 33.6 50.4
86 64.6 52.1 78.1



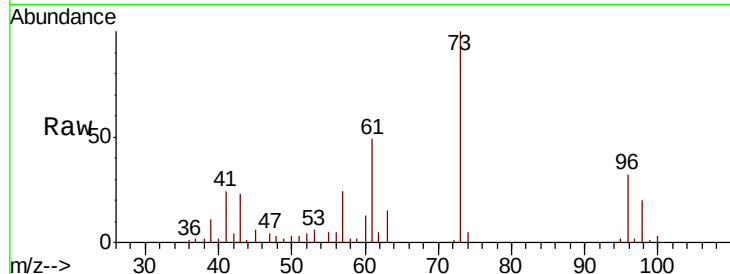


#21

trans-1,2-Dichloroethene
Concen: 47.970 ug/l
RT: 4.99 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

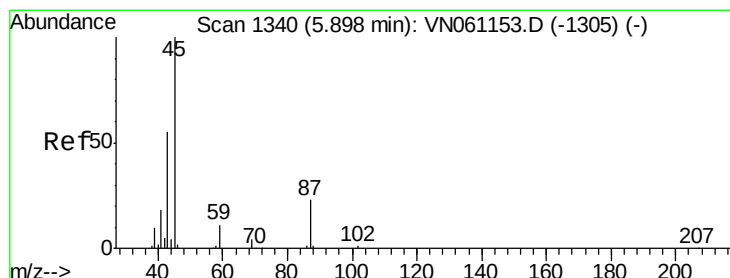
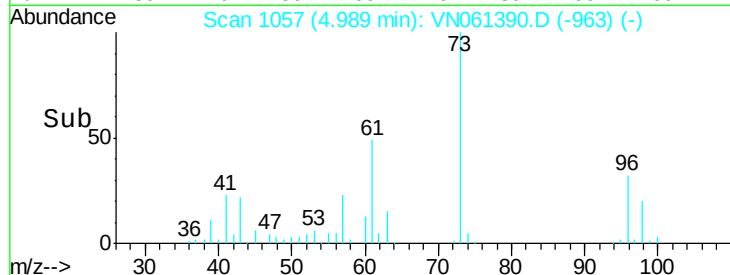
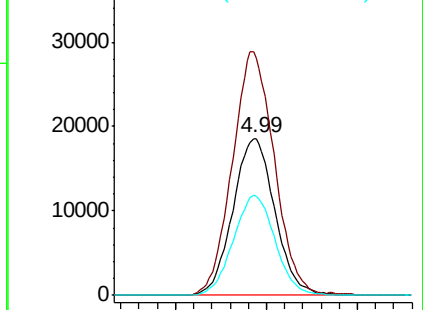
Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.2	123.0	184.4
98	63.0	50.1	75.1



Abundance

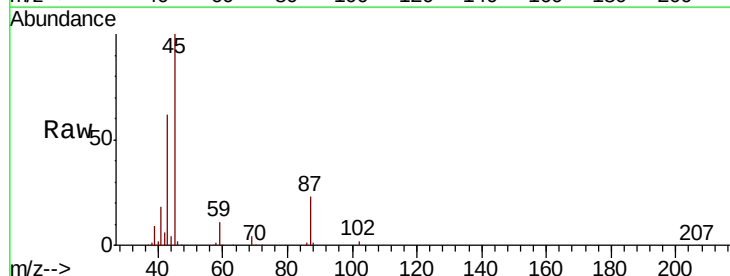
Ion 95.90 (95.60 to 96.60): VN061390.D (-963) (-)



#22

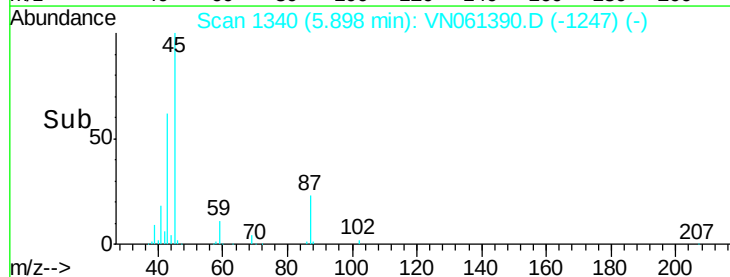
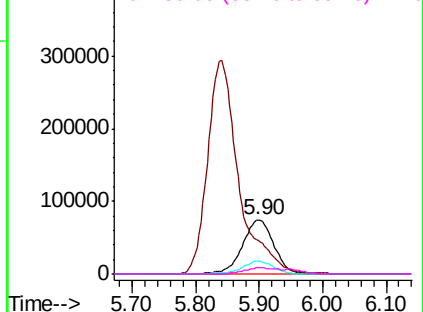
Diisopropyl ether
Concen: 51.821 ug/l
RT: 5.90 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

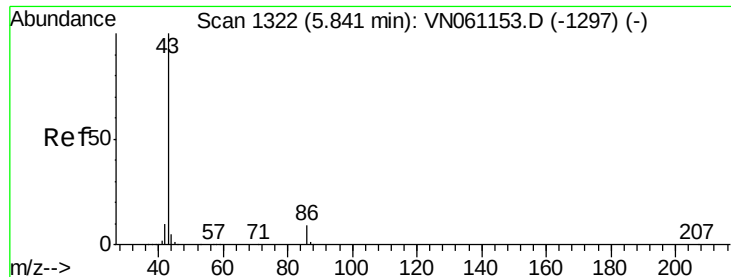
Tgt Ion	Ratio	Lower	Upper
45	100		
43	61.0	47.9	71.9
87	23.2	19.2	28.8
59	11.5	9.0	13.4



Abundance

Ion 45.00 (44.70 to 45.70): VN061390.D (-1247) (-)





#23

Vinyl Acetate

Concen: 254.264 ug/l

RT: 5.84 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

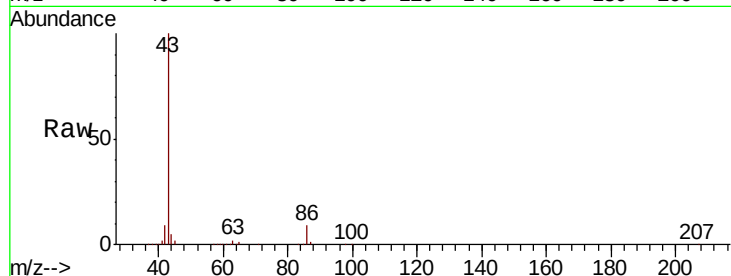
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 1002663

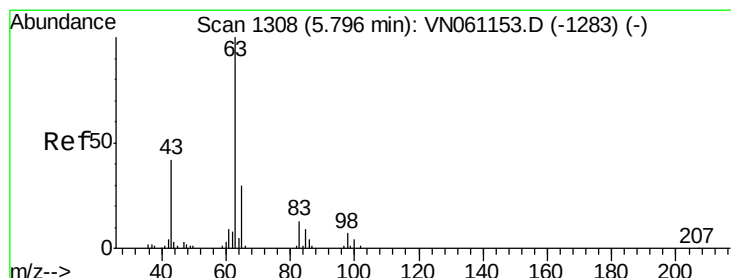
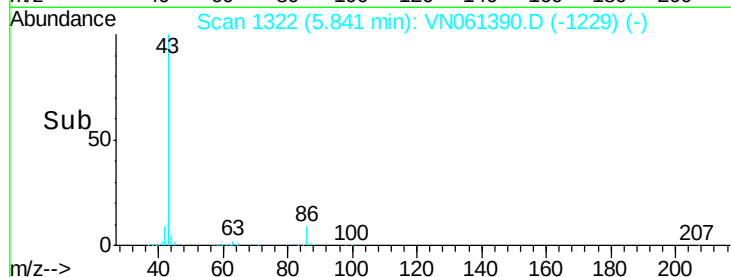
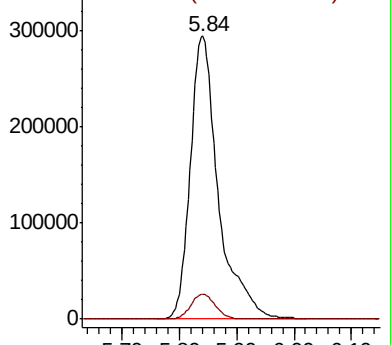
Ion Ratio Lower Upper

43 100

86 8.9 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN061390.D (-1229) (-)



#24

1,1-Dichloroethane

Concen: 49.879 ug/l

RT: 5.80 min Scan# 1308

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

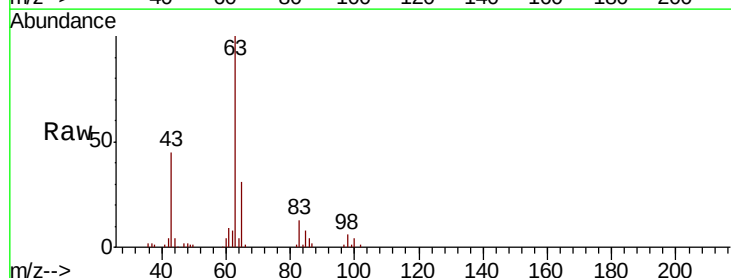
Tgt Ion: 63 Resp: 127633

Ion Ratio Lower Upper

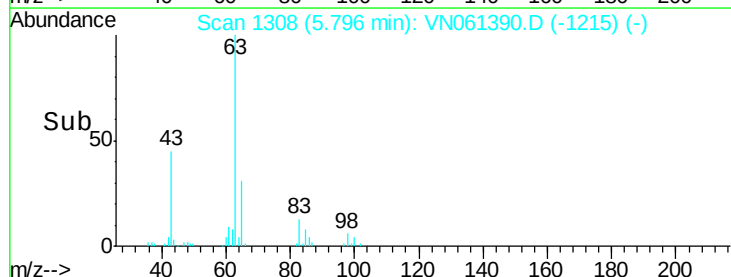
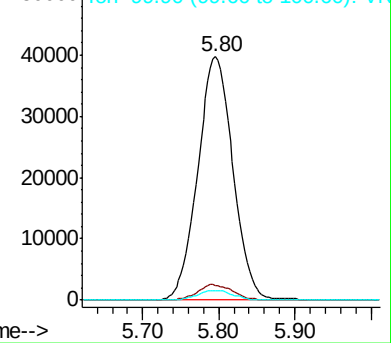
63 100

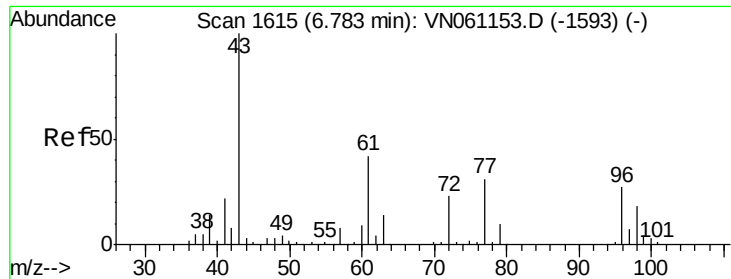
98 6.2 3.3 9.9

100 3.8 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN061390.D (-1215) (-)

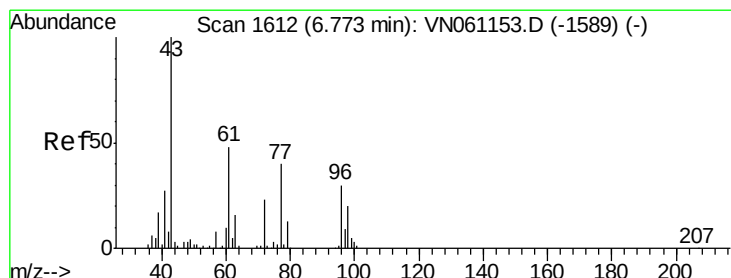
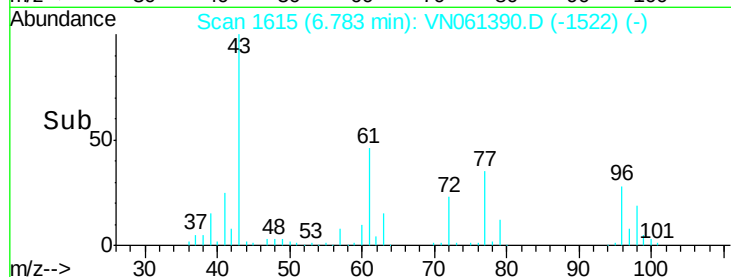
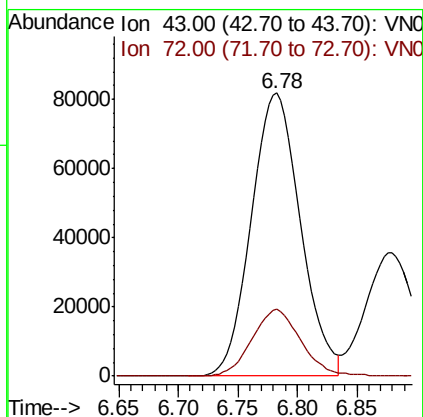
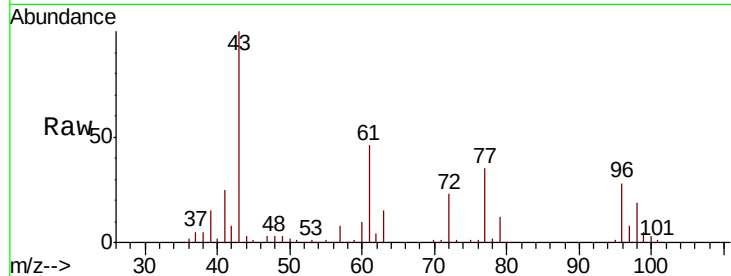




#25
2-Butanone
Concen: 232.108 ug/l
RT: 6.78 min Scan# 1615
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

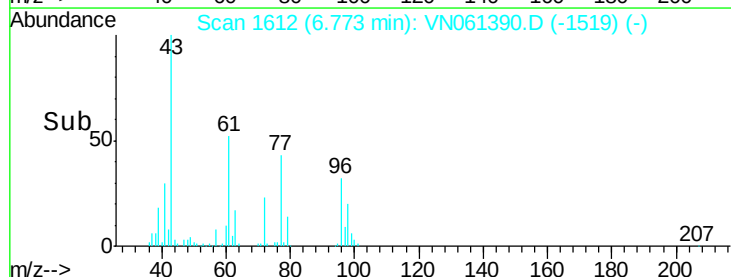
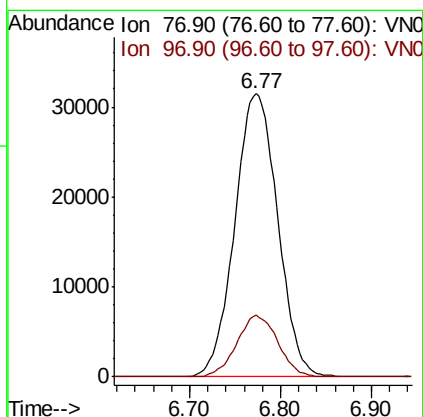
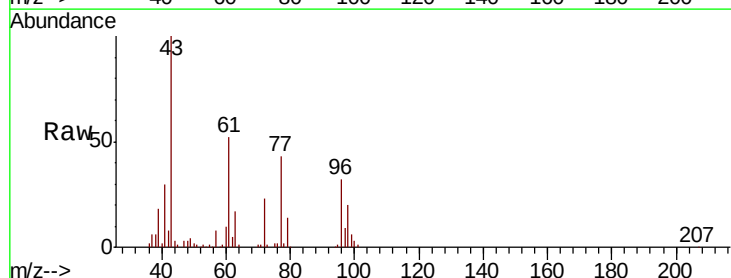
Instrument :
MSVOA_N
ClientSampled :

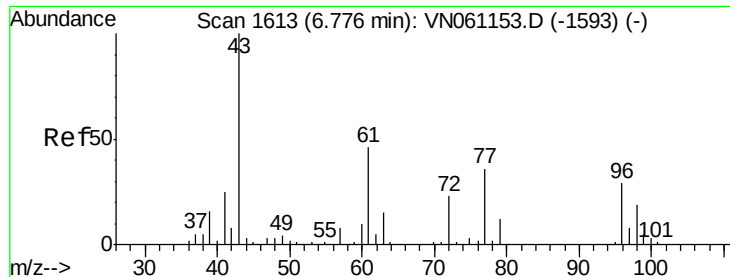
Tot Ion: 43 Resp: 234618
Ion Ratio Lower Upper
43 100
72 23.5 18.2 27.4



#26
2,2-Dichloropropane
Concen: 47.788 ug/l
RT: 6.77 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Tgt Ion: 77 Resp: 102999
Ion Ratio Lower Upper
77 100
97 20.7 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 48.835 ug/l

RT: 6.78 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Instrument :
MSVOA_N
ClientSampled :

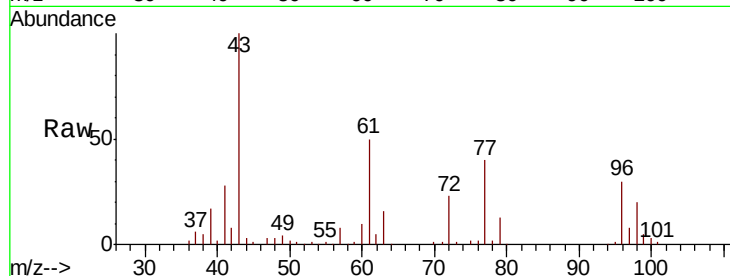
Tot Ion: 96 Resp: 71081

Ion Ratio Lower Upper

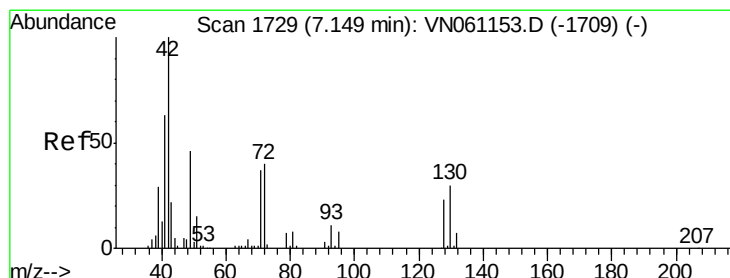
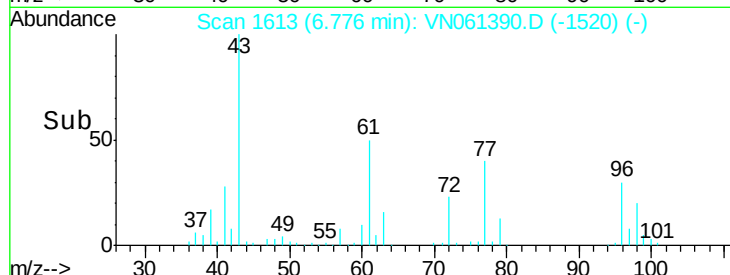
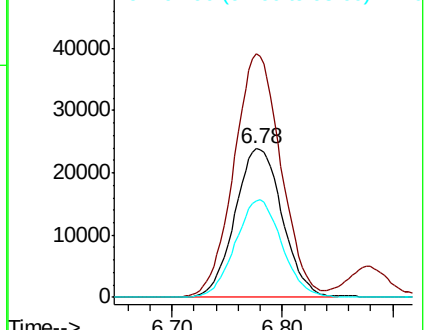
96 100

61 162.3 0.0 322.0

98 64.3 0.0 129.6



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



#28

Bromochloromethane

Concen: 54.982 ug/l

RT: 7.15 min Scan# 1728

Delta R.T. -0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

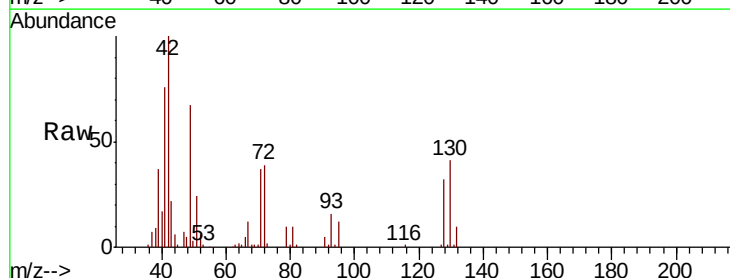
Tgt Ion: 49 Resp: 66685

Ion Ratio Lower Upper

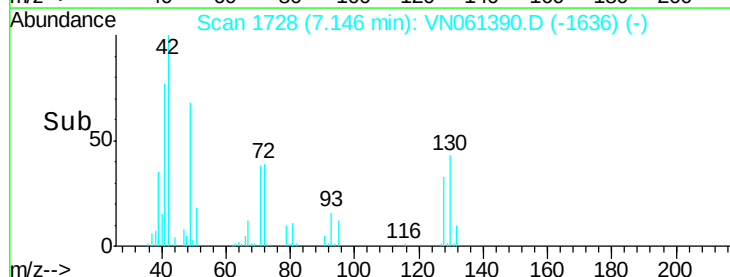
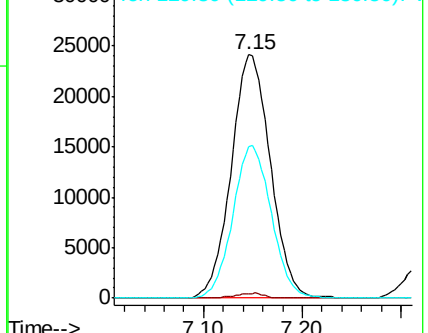
49 100

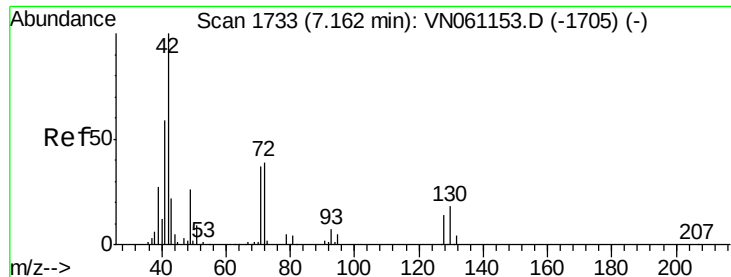
129 1.4 0.0 3.0

130 61.4 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

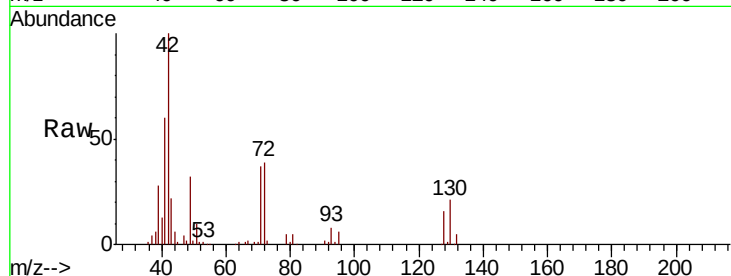




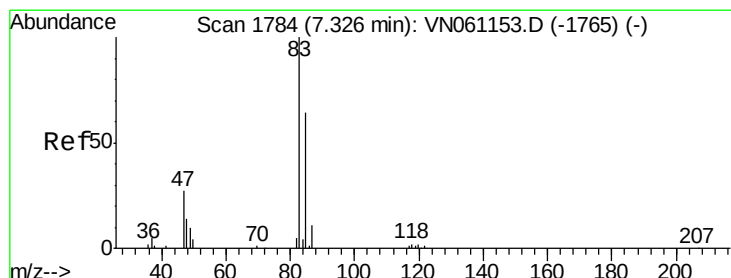
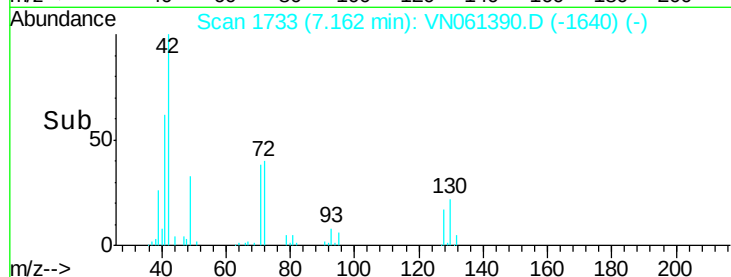
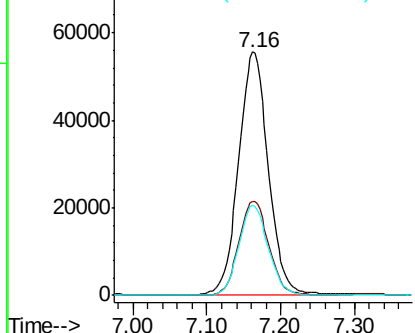
#29
Tetrahydrofuran
Concen: 231.246 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 42 Resp: 157457
Ion Ratio Lower Upper
42 100
72 38.8 31.4 47.0
71 36.2 29.5 44.3

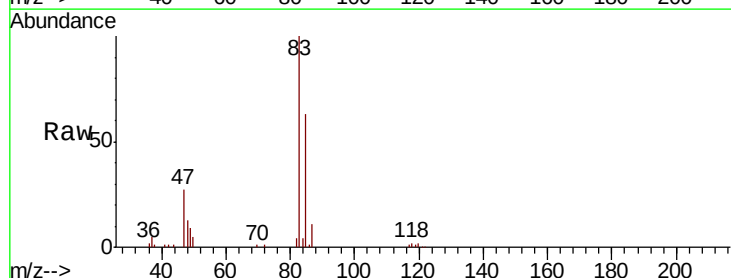


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

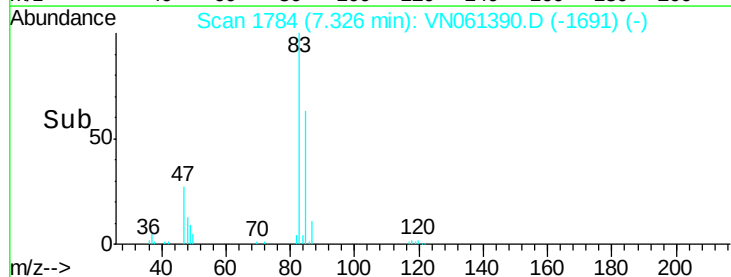
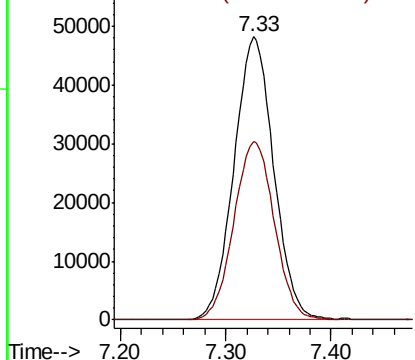


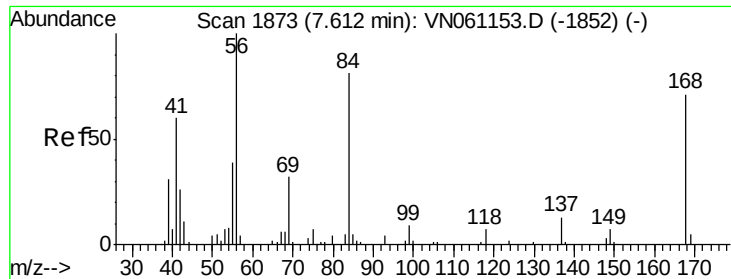
#30
Chloroform
Concen: 48.587 ug/l
RT: 7.33 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Tgt Ion: 83 Resp: 125993
Ion Ratio Lower Upper
83 100
85 63.2 51.1 76.7



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

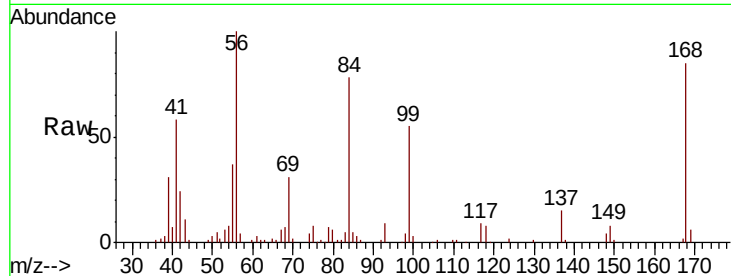




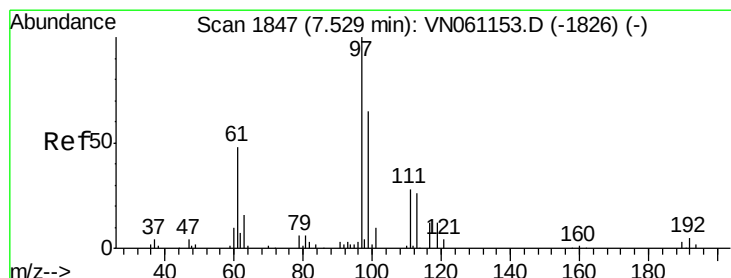
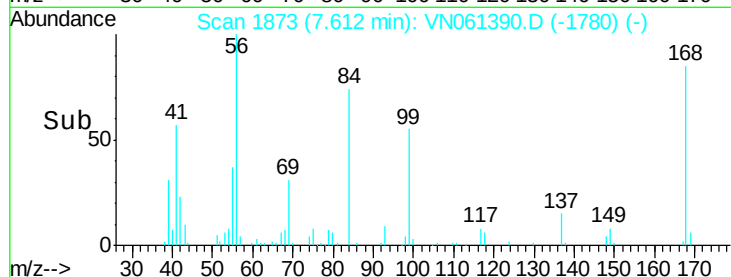
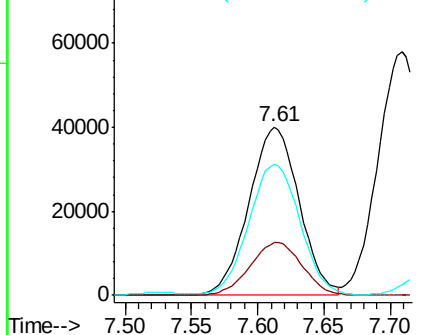
#31
Cyclohexane
Concen: 42.443 ug/l
RT: 7.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 105474
Ion Ratio Lower Upper
56 100
69 31.2 25.7 38.5
84 76.9 64.6 97.0

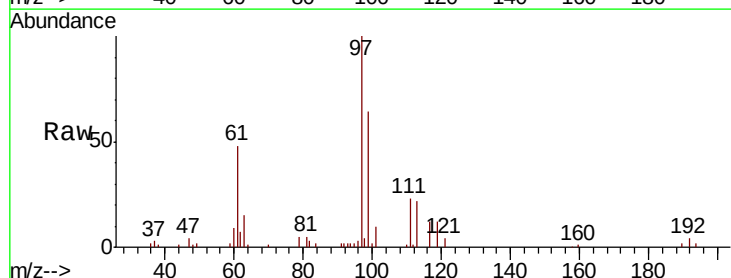


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

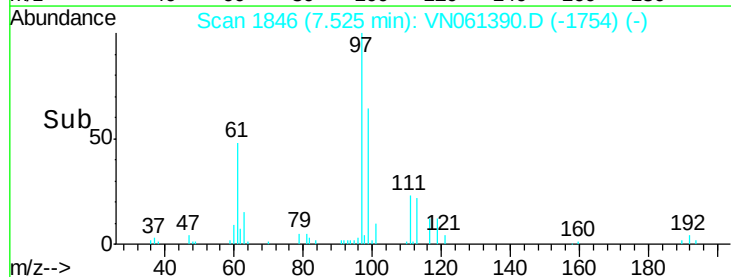
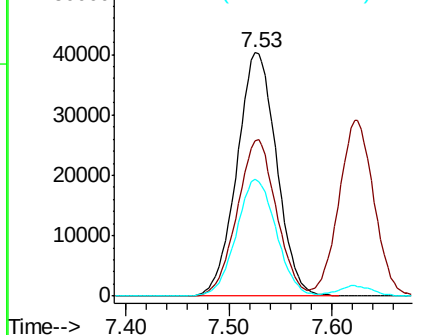


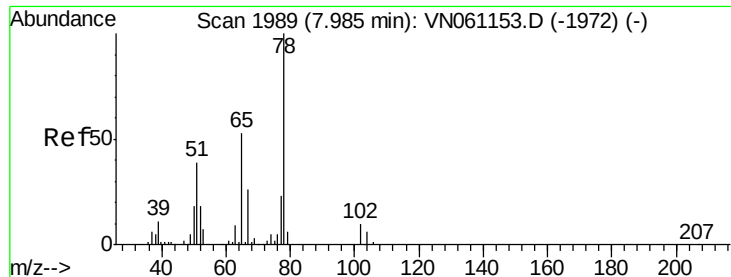
#32
1,1,1-Trichloroethane
Concen: 47.706 ug/l
RT: 7.53 min Scan# 1846
Delta R.T. -0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Tgt Ion: 97 Resp: 107724
Ion Ratio Lower Upper
97 100
99 63.6 51.3 76.9
61 48.3 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

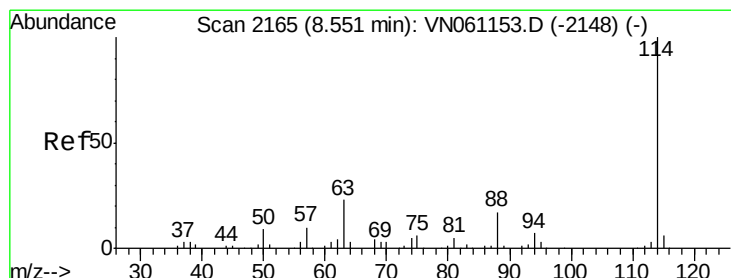
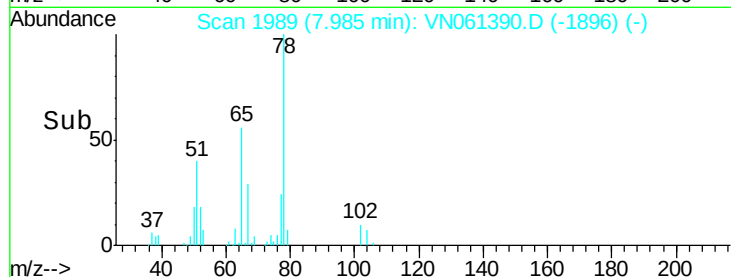
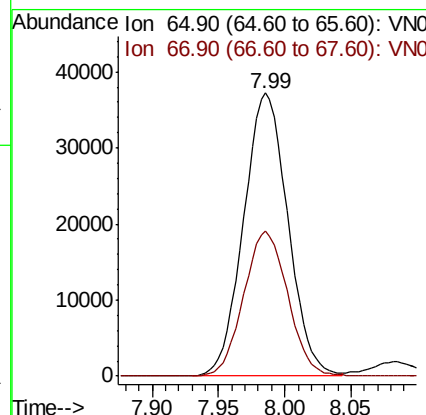
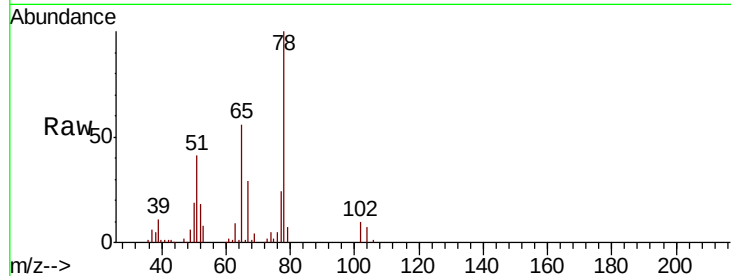




#33
 1,2-Dichloroethane-d4
 Concen: 50.652 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

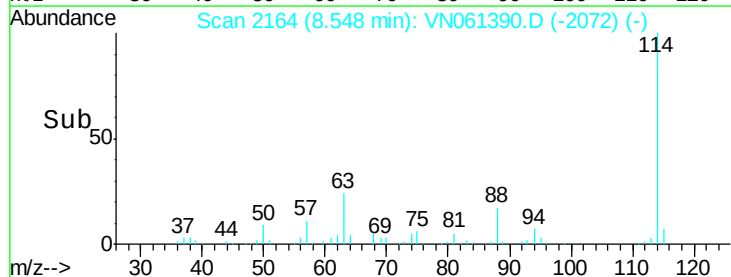
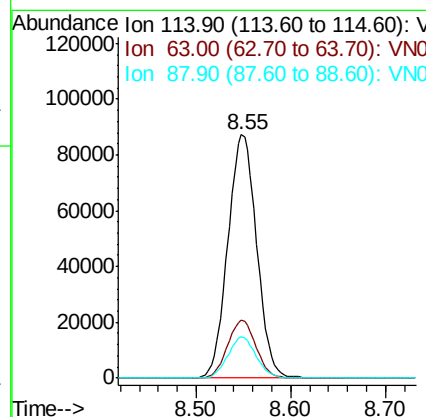
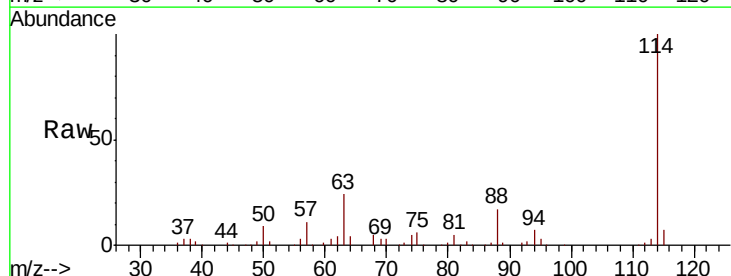
Instrument :
 MSVOA_N
 ClientSampleId :

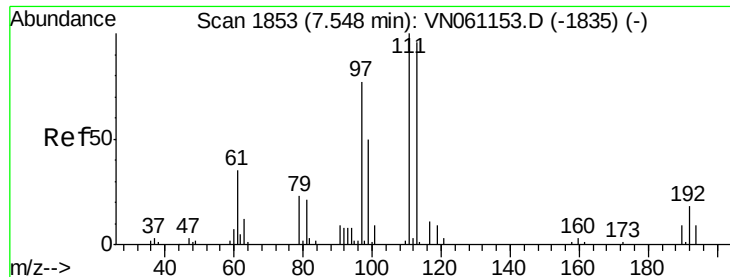
Tot Ion: 65 Resp: 86525
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Tgt Ion: 114 Resp: 184801
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 46.6
 88 16.9 0.0 33.4

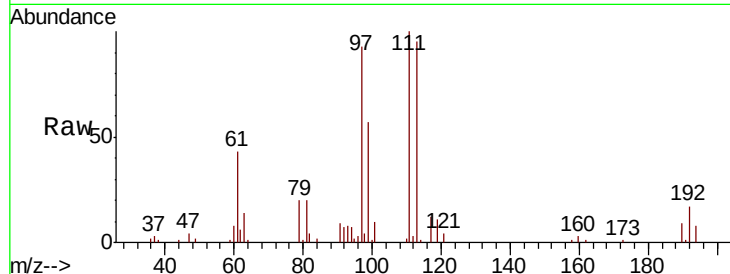




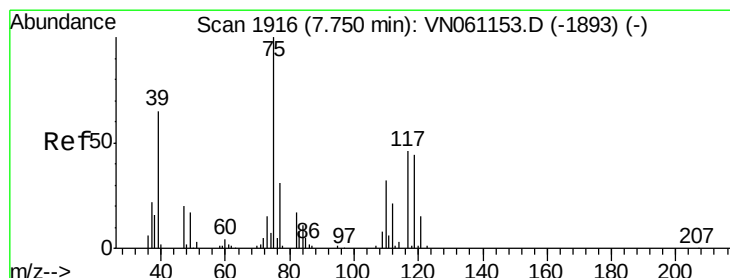
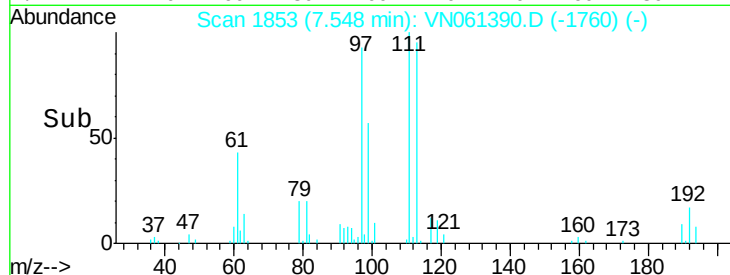
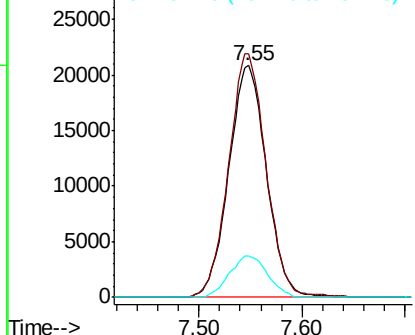
#35
 Dibromofluoromethane
 Concen: 48.466 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 52962
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.9 124.3
 192 18.0 14.7 22.1

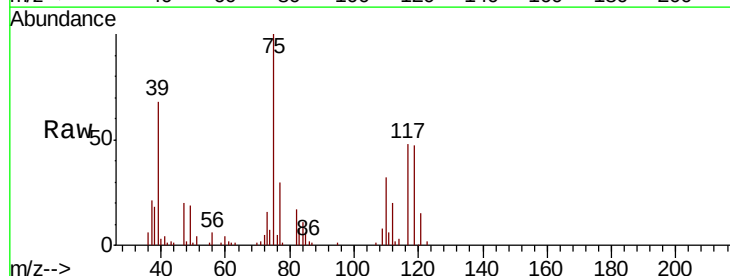


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

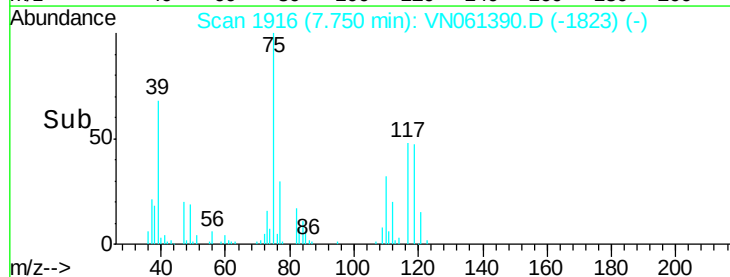
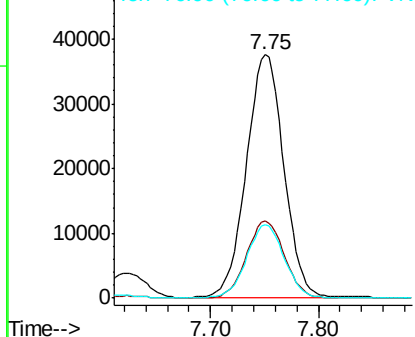


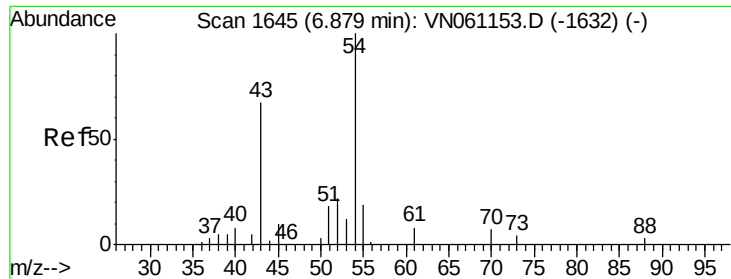
#36
 1,1-Dichloropropene
 Concen: 49.245 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Tgt Ion: 75 Resp: 91101
 Ion Ratio Lower Upper
 75 100
 110 31.8 16.0 48.0
 77 30.3 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

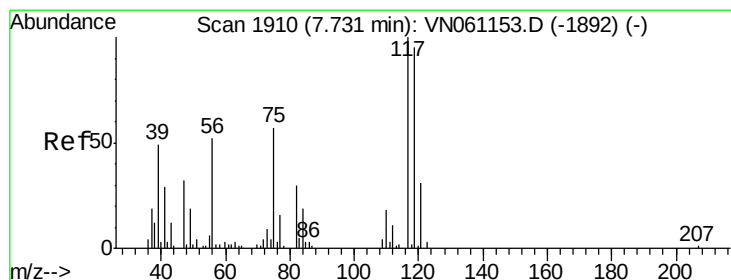
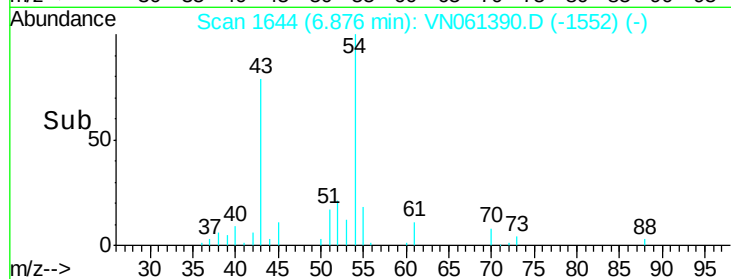
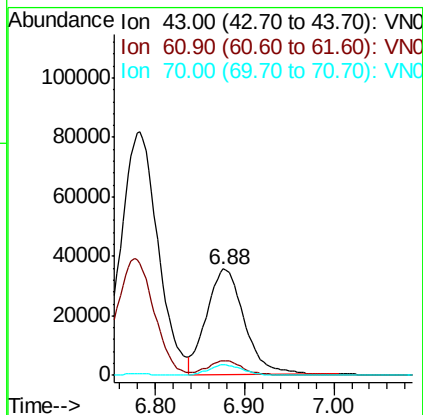
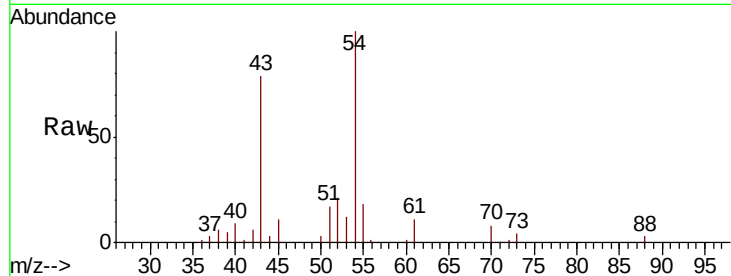




#37
Ethyl Acetate
Concen: 48.305 ug/l
RT: 6.88 min Scan# 1644
Delta R.T. -0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

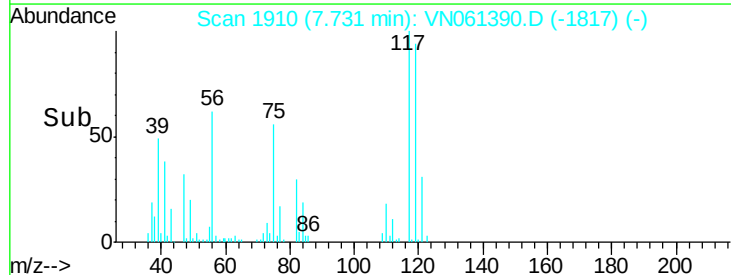
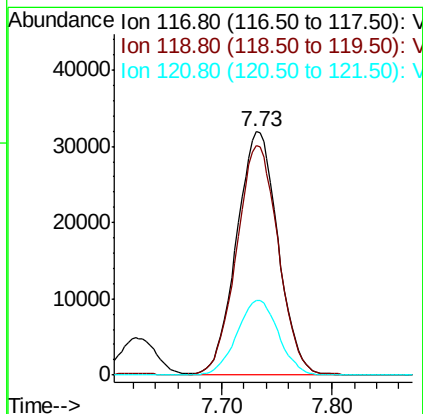
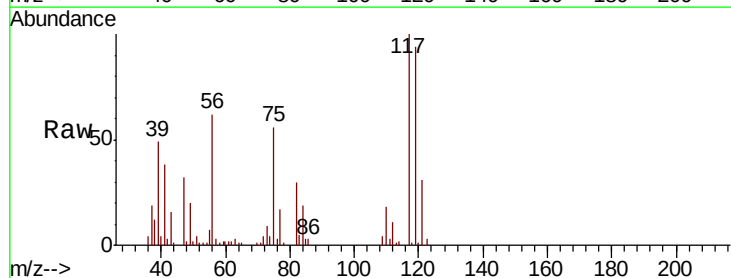
Instrument :
MSVOA_N
ClientSampled :

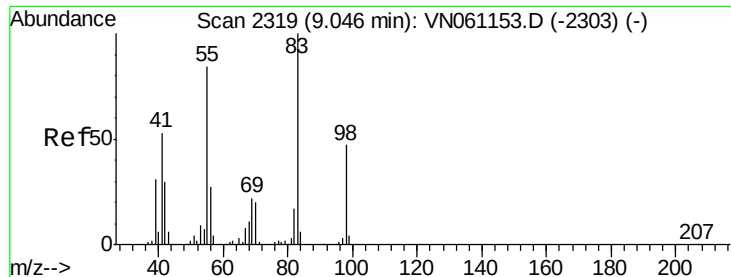
Tot Ion: 43 Resp: 104762
Ion Ratio Lower Upper
43 100
61 12.8 10.2 15.2
70 9.0 7.2 10.8



#38
Carbon Tetrachloride
Concen: 49.160 ug/l
RT: 7.73 min Scan# 1910
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Tgt Ion: 117 Resp: 82907
Ion Ratio Lower Upper
117 100
119 94.2 75.8 113.6
121 30.6 24.7 37.1

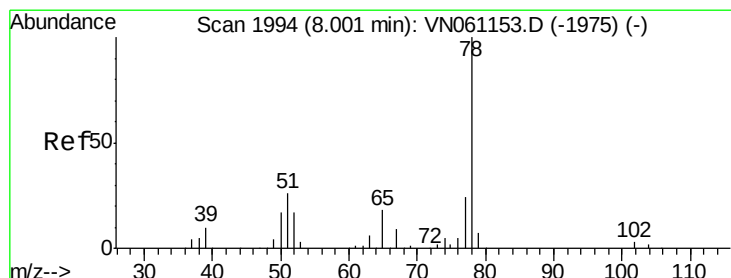
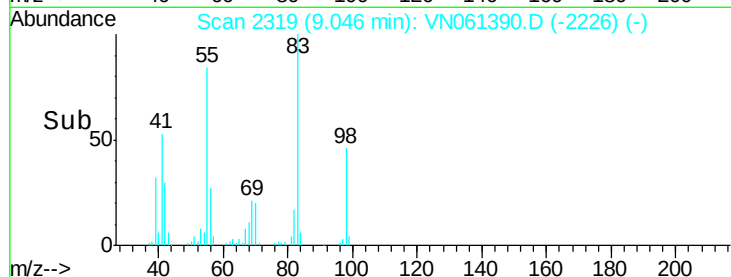
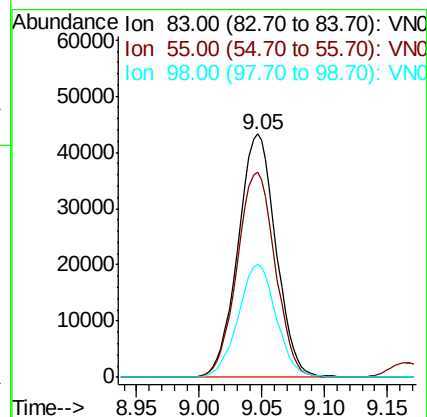
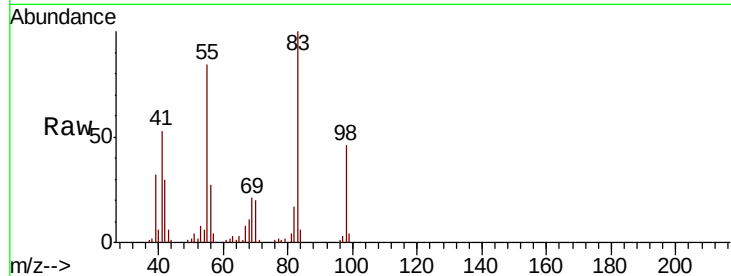




#39
Methylvlcyclohexane
Concen: 43.775 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

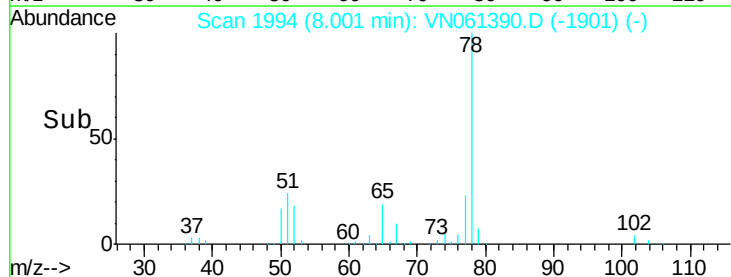
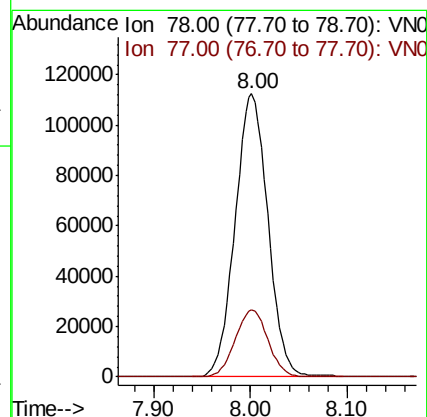
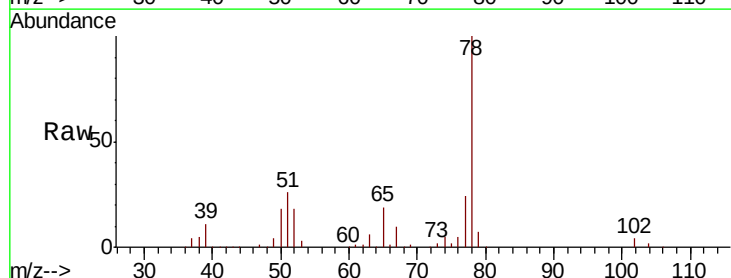
Instrument :
MSVOA_N
ClientSampleId :

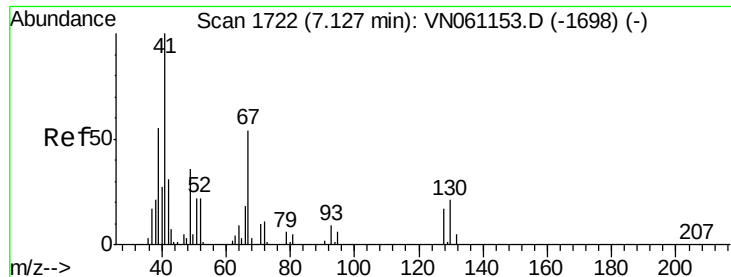
Tot Ion: 83 Resp: 90818
Ion Ratio Lower Upper
83 100
55 84.1 67.3 100.9
98 46.4 37.7 56.5



#40
Benzene
Concen: 48.212 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Tgt Ion: 78 Resp: 265719
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6

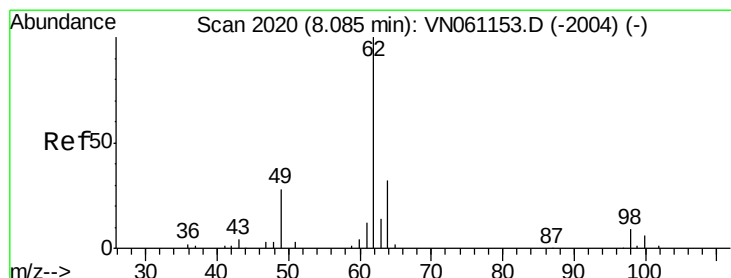
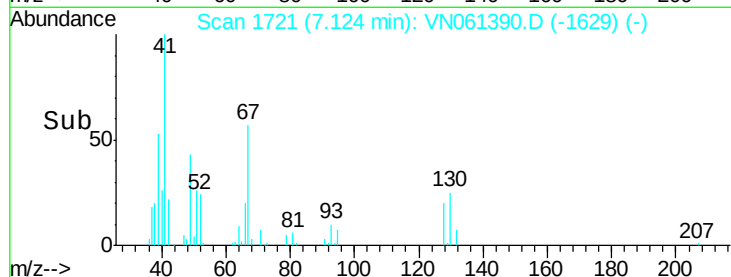
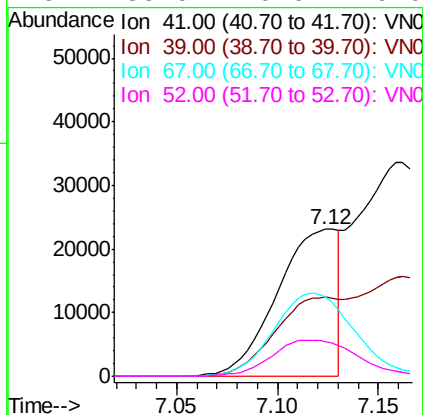
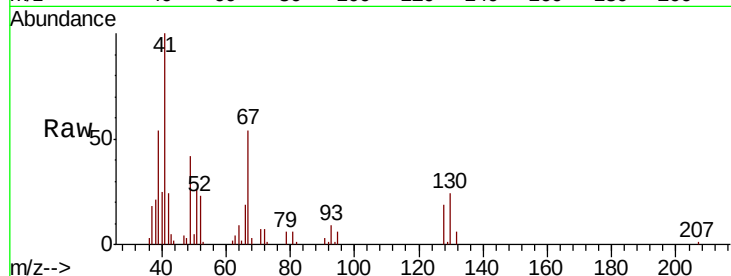




#41
Methacrylonitrile
Concen: 53.653 ug/l
RT: 7.12 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

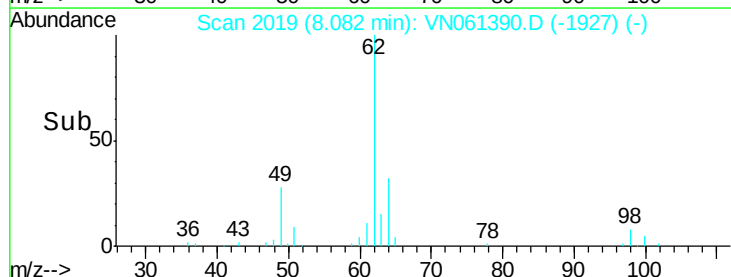
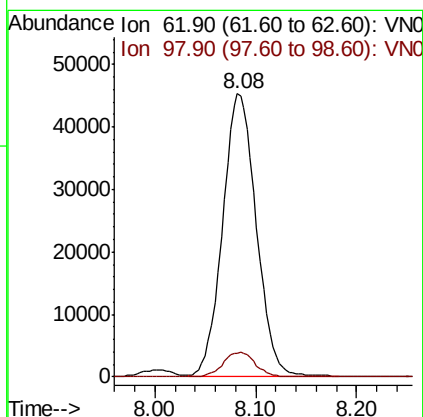
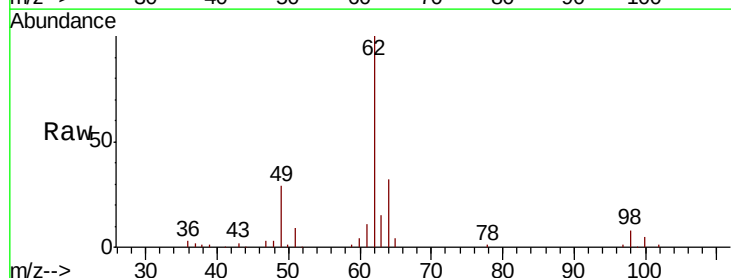
Instrument :
MSVOA_N
ClientSampled :

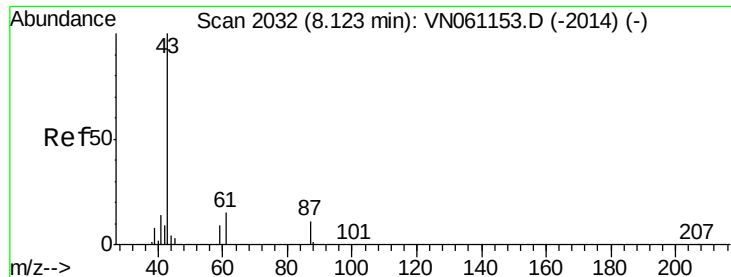
Tot Ion:	41	Resp:	48312
Ion	Ratio	Lower	Upper
41	100		
39	59.7	0.0	0.0#
67	75.7	0.0	0.0#
52	35.0	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 50.536 ug/l
RT: 8.08 min Scan# 2019
Delta R.T. -0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Tgt Ion:	62	Resp:	105516
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.8





#43

Isopropyl Acetate

Concen: 49.411 ug/l

RT: 8.12 min Scan# 2032

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Instrument :

MSVOA_N

ClientSampled :

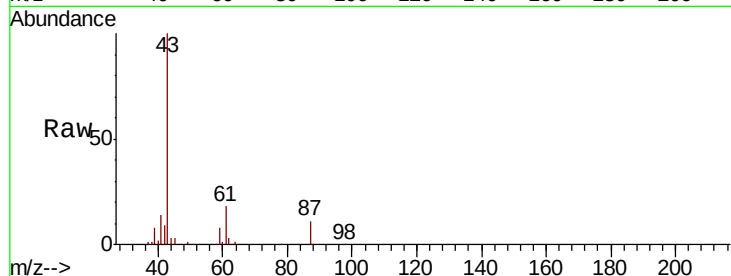
Tot Ion: 43 Resp: 177843

Ion Ratio Lower Upper

43 100

61 24.7 19.5 29.3

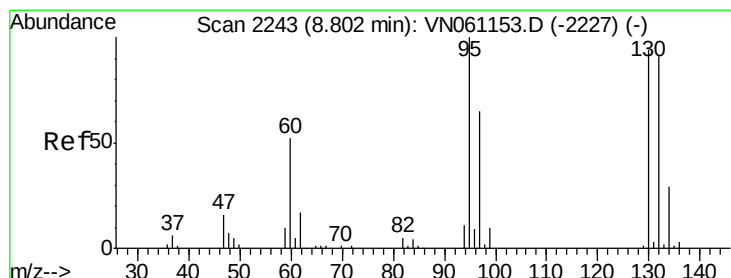
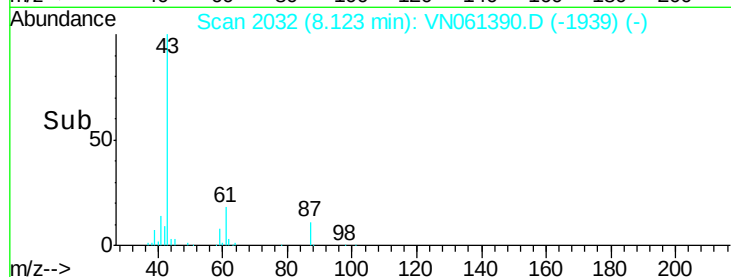
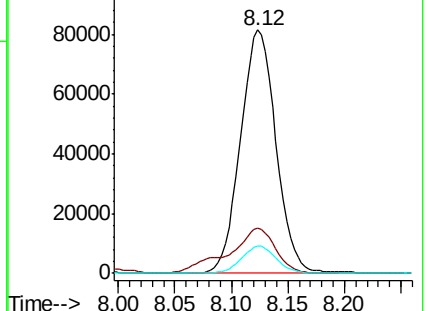
87 10.9 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN061390.D (-2150) (-)

Ion 61.00 (60.70 to 61.70): VN061390.D (-2150) (-)

Ion 87.00 (86.70 to 87.70): VN061390.D (-2150) (-)



#44

Trichloroethene

Concen: 44.771 ug/l

RT: 8.80 min Scan# 2242

Delta R.T. -0.00 min

Lab File: VN061390.D

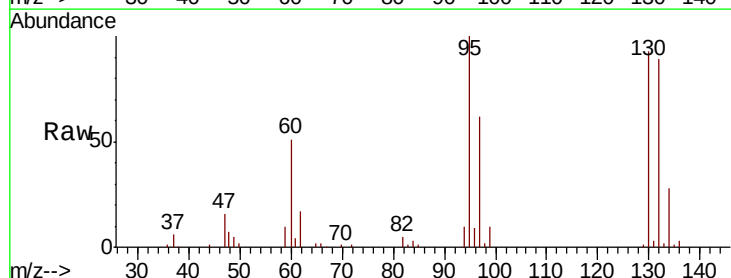
Acq: 11 May 2020 16:36

Tgt Ion:130 Resp: 66705

Ion Ratio Lower Upper

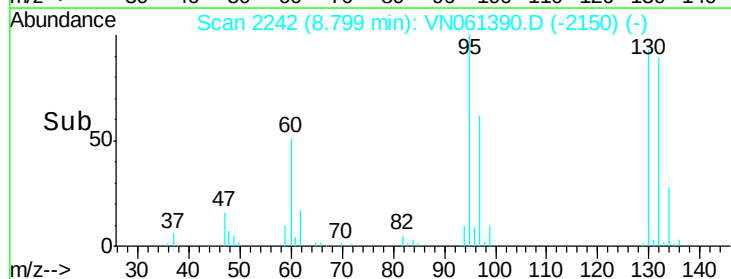
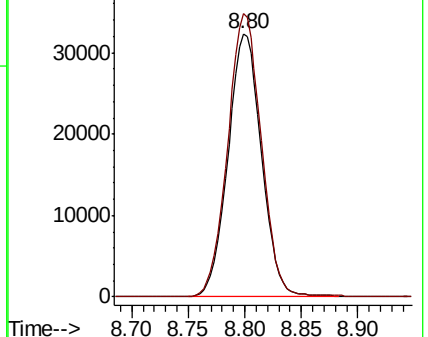
130 100

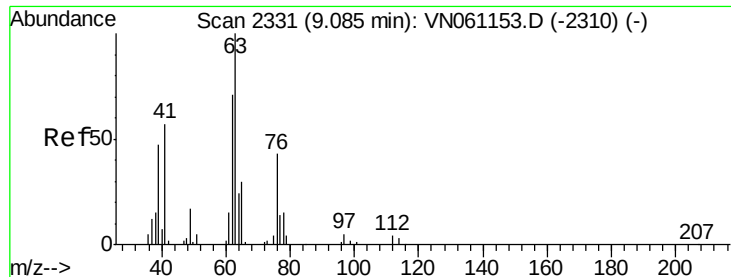
95 107.4 0.0 212.4



Abundance Ion 129.80 (129.50 to 130.50): VN061390.D (-2150) (-)

Ion 94.90 (94.60 to 95.60): VN061390.D (-2150) (-)

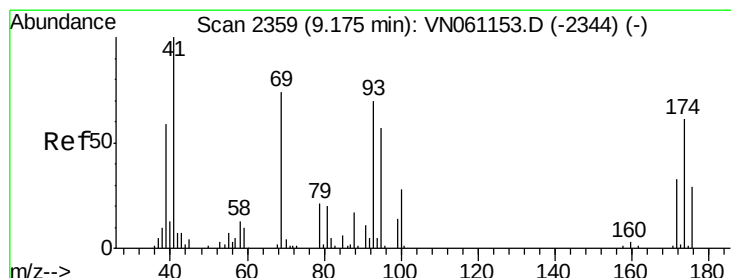
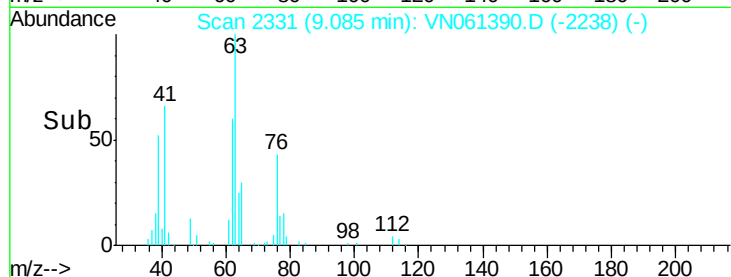
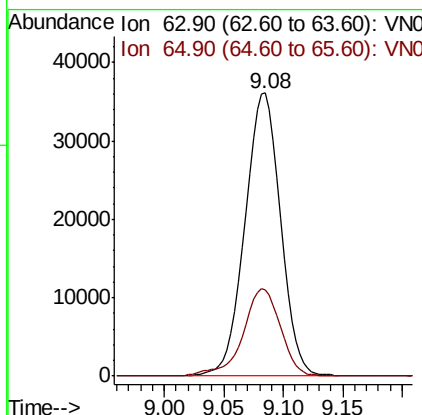
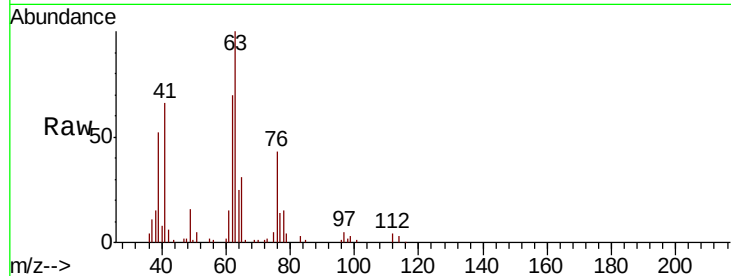




#45
 1,2-Dichloropropane
 Concen: 50.951 ug/l
 RT: 9.08 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

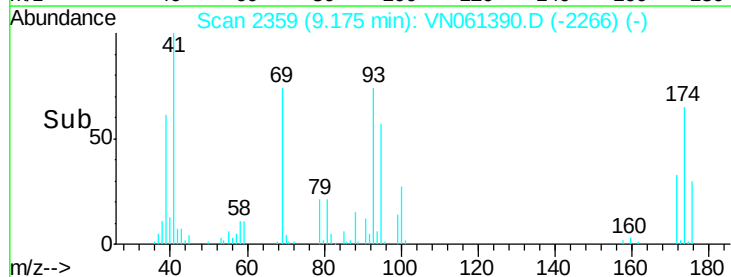
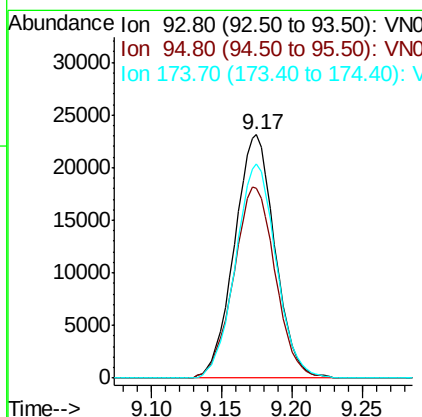
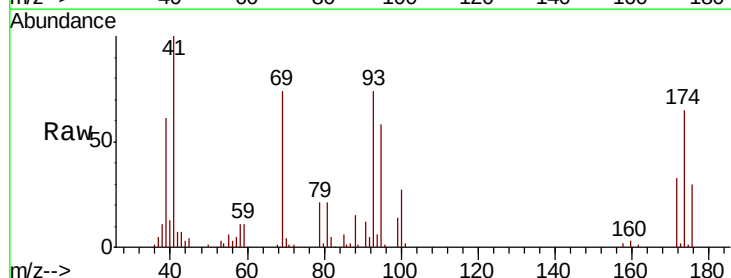
Instrument :
 MSVOA_N
 ClientSampleId :

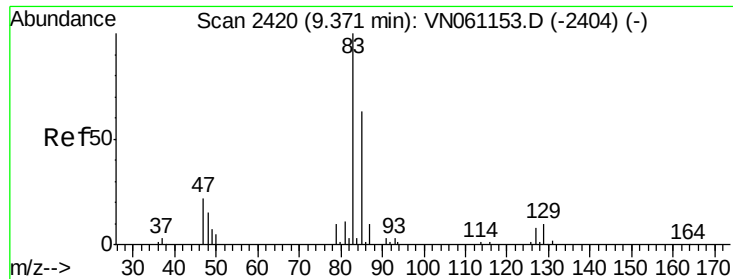
Tot Ion: 63 Resp: 75022
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.7 37.1



#46
 Dibromomethane
 Concen: 50.976 ug/l
 RT: 9.17 min Scan# 2359
 Delta R.T. 0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Tgt Ion: 93 Resp: 46474
 Ion Ratio Lower Upper
 93 100
 95 80.5 66.6 99.8
 174 88.4 70.2 105.2





#47

Bromodichloromethane

Concen: 52.182 ug/l

RT: 9.37 min Scan# 2419

Delta R.T. -0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

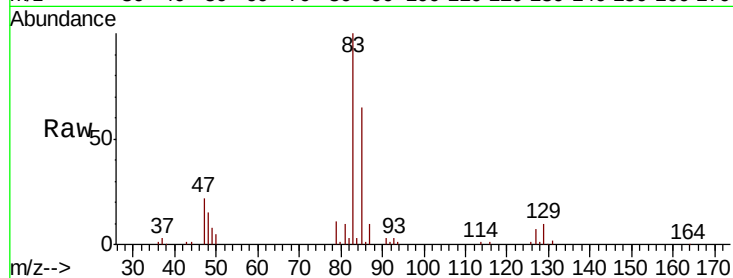
Tot Ion: 83 Resp: 102112

Ion Ratio Lower Upper

83 100

85 65.3 50.4 75.6

127 7.4 6.2 9.2

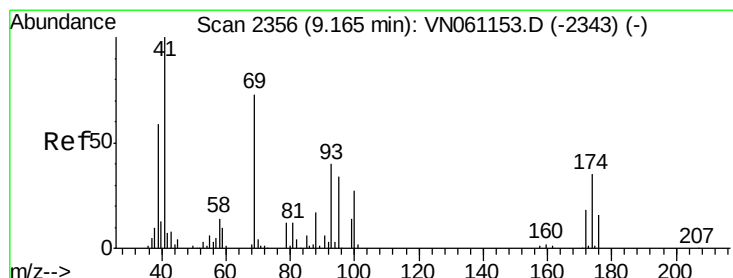
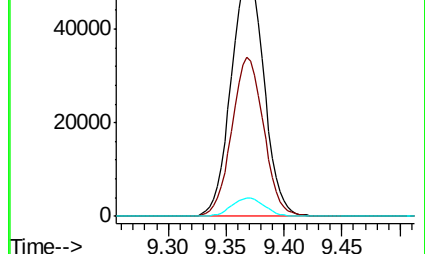
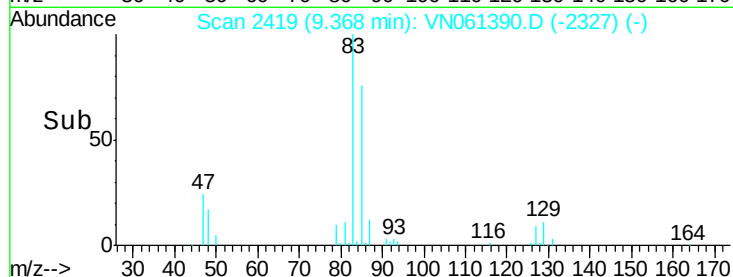


Abundance Ion 82.90 (82.60 to 83.60): VN061390.D (-2419) (-)

Ion 84.90 (84.60 to 85.60): VN061390.D (-2419) (-)

Ion 126.80 (126.50 to 127.50): VN061390.D (-2419) (-)

Time-->



#48

Methyl methacrylate

Concen: 50.012 ug/l

RT: 9.17 min Scan# 2356

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

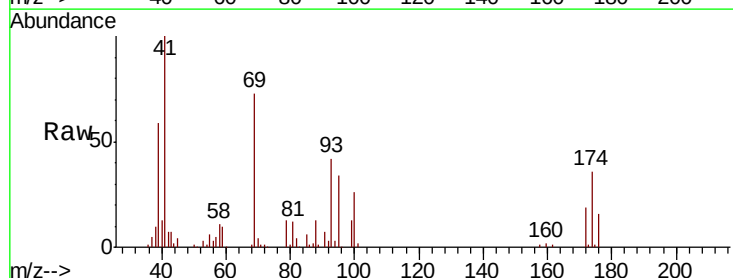
Tgt Ion: 41 Resp: 81228

Ion Ratio Lower Upper

41 100

69 75.2 60.3 90.5

39 61.5 47.4 71.0

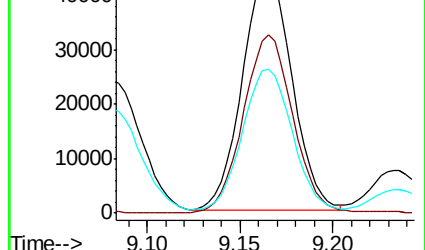
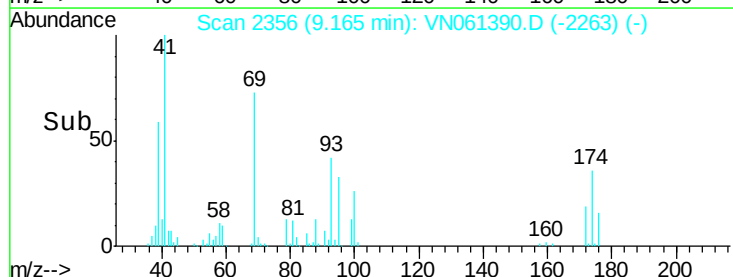


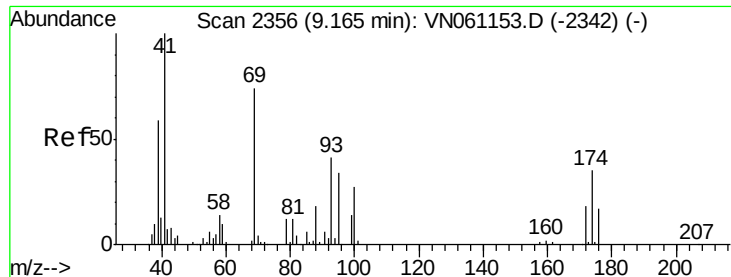
Abundance Ion 41.00 (40.70 to 41.70): VN061390.D (-2356) (-)

Ion 69.00 (68.70 to 69.70): VN061390.D (-2356) (-)

Ion 39.00 (38.70 to 39.70): VN061390.D (-2356) (-)

Time-->

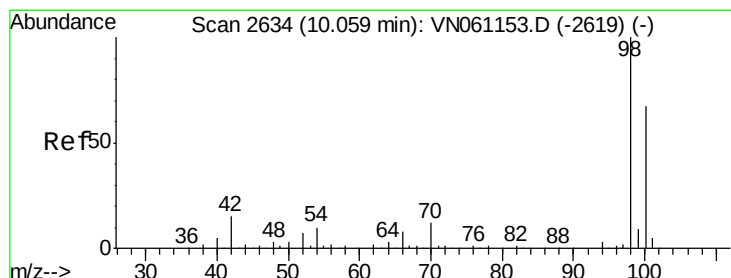
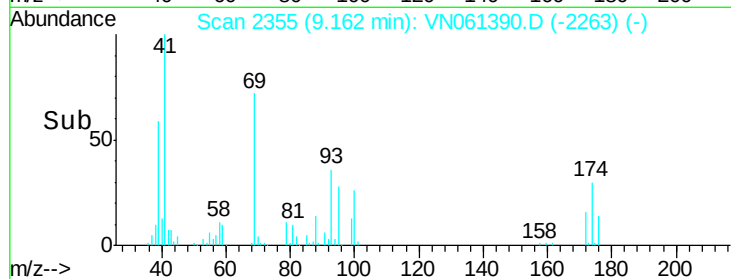
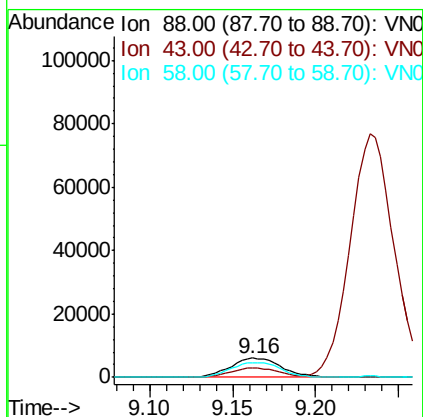
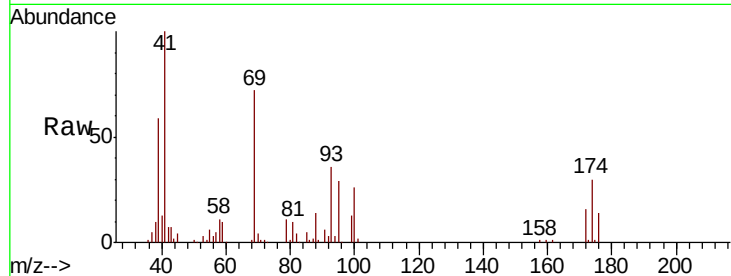




#49
1,4-Dioxane
Concen: 700.133 ug/l
RT: 9.16 min Scan# 2355
Delta R.T. -0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

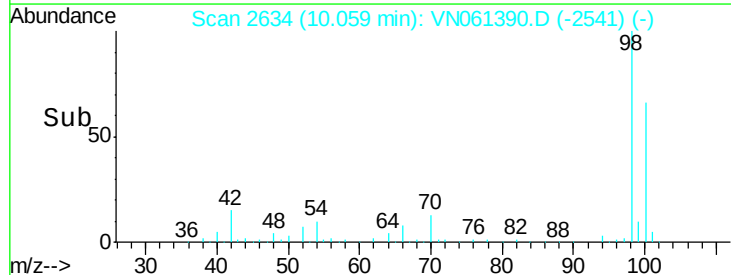
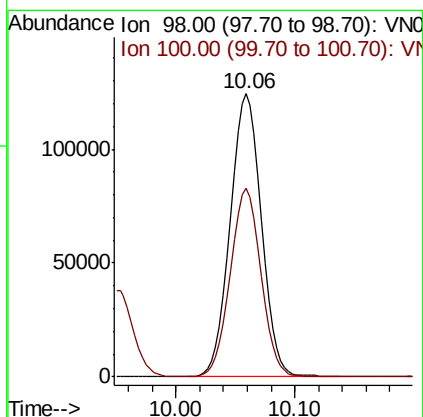
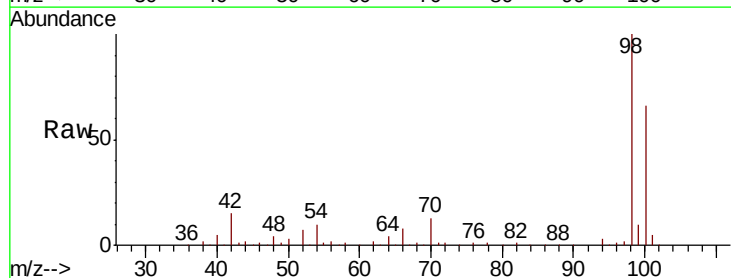
Instrument :
MSVOA_N
ClientSampled :

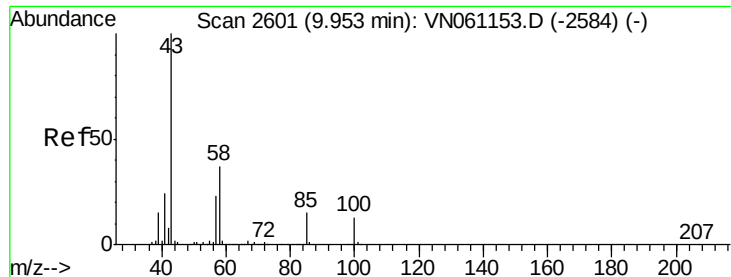
Tot Ion: 88 Resp: 12908
Ion Ratio Lower Upper
88 100
43 47.3 35.3 52.9
58 77.1 61.5 92.3



#50
Toluene-d8
Concen: 50.802 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Tgt Ion: 98 Resp: 226307
Ion Ratio Lower Upper
98 100
100 65.9 53.4 80.0

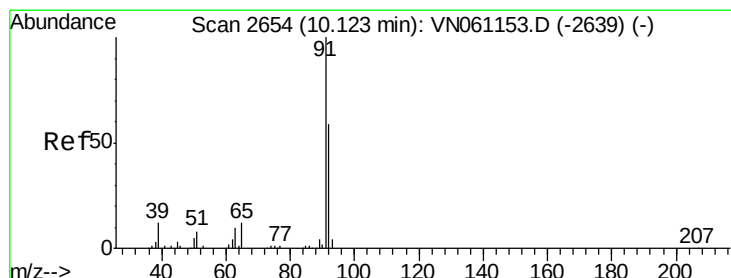
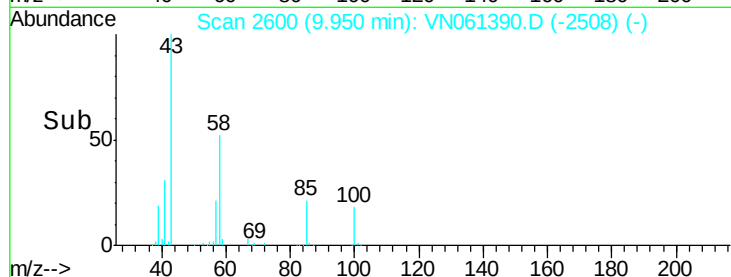
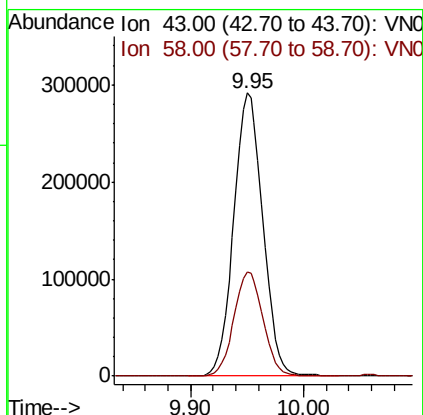
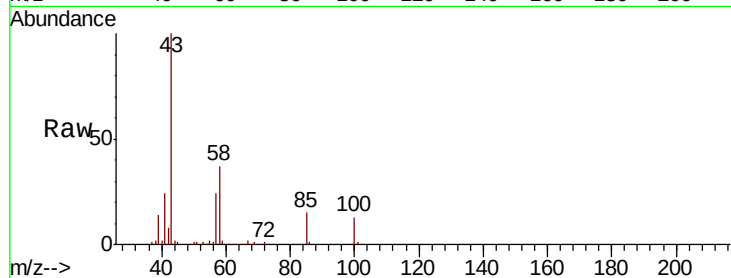




#51
 4-Methyl-2-Pentanone
 Concen: 246.988 ug/l
 RT: 9.95 min Scan# 2600
 Delta R.T. -0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

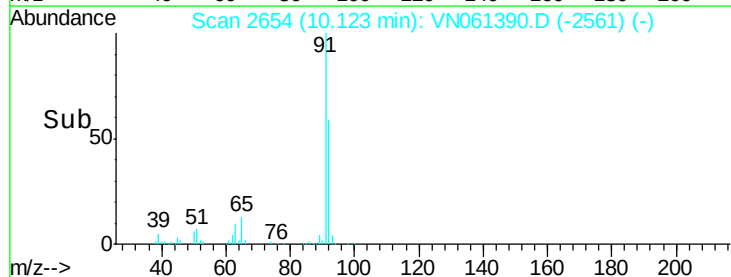
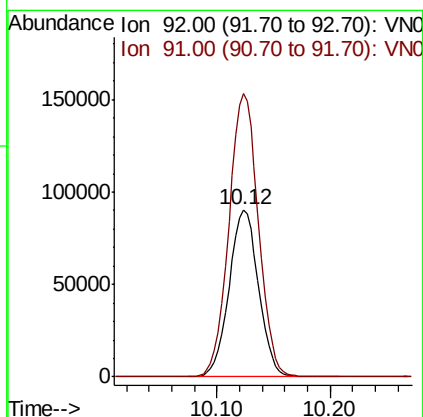
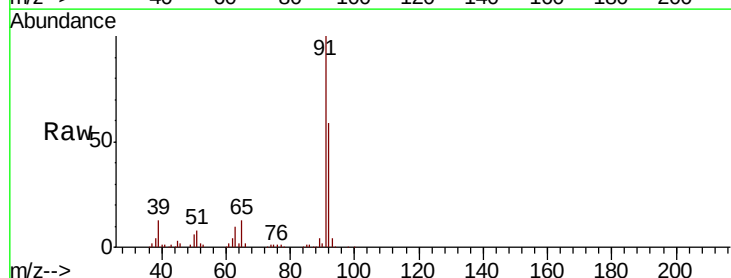
Instrument :
 MSVOA_N
 ClientSampled :

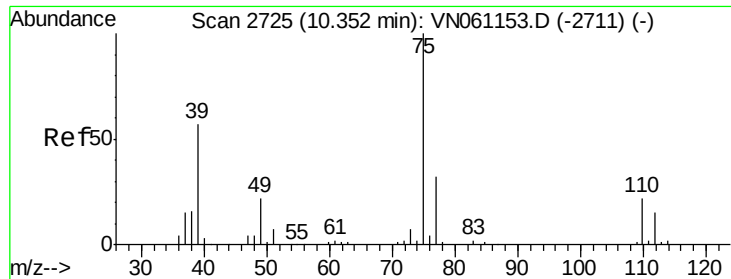
Tot Ion: 43 Resp: 523269
 Ion Ratio Lower Upper
 43 100
 58 36.7 29.1 43.7



#52
 Toluene
 Concen: 49.227 ug/l
 RT: 10.12 min Scan# 2654
 Delta R.T. 0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Tgt Ion: 92 Resp: 163418
 Ion Ratio Lower Upper
 92 100
 91 170.3 136.2 204.2

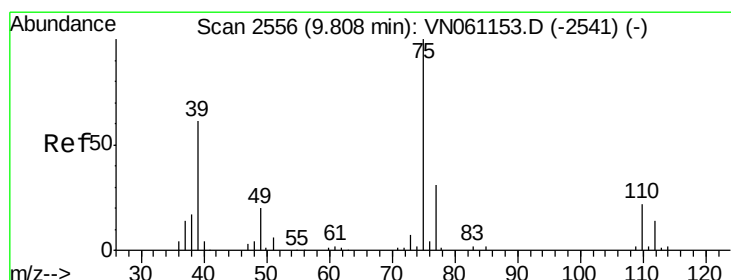
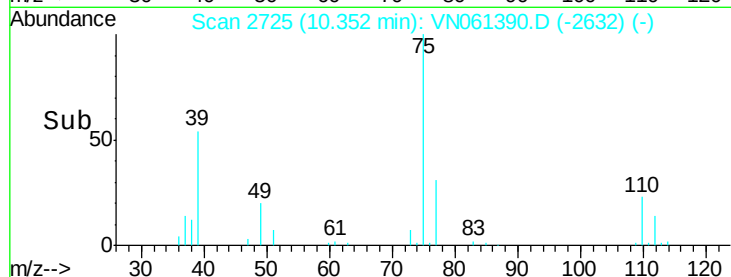
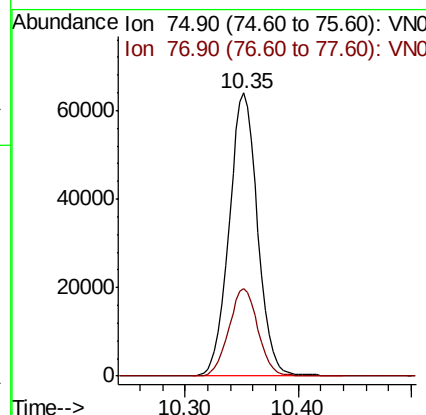
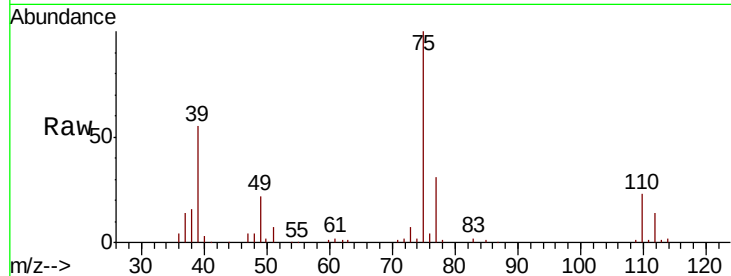




#53
t-1,3-Dichloropropene
Concen: 50.610 ug/l
RT: 10.35 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

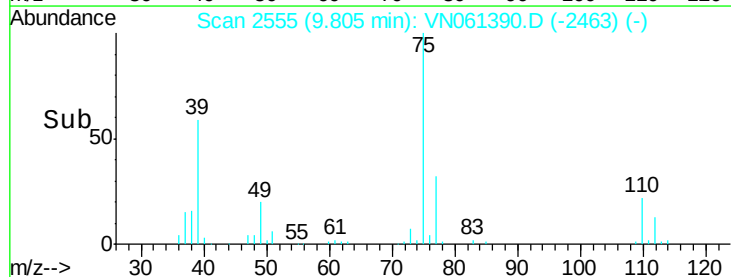
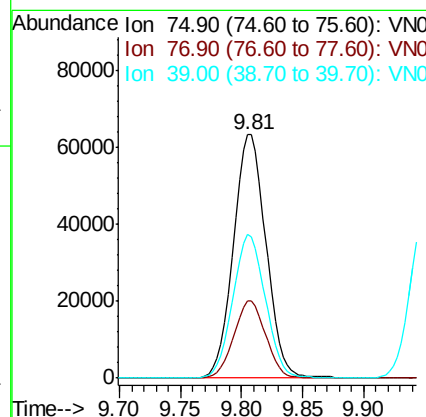
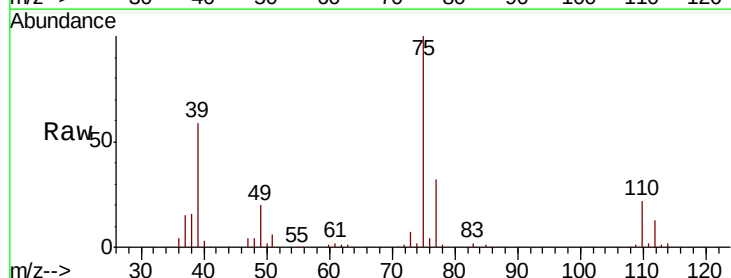
Instrument :
MSVOA_N
ClientSampleId :

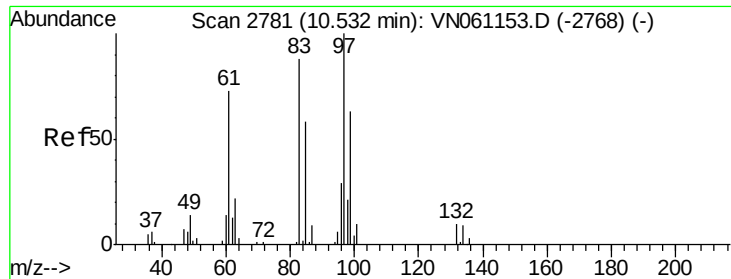
Tot Ion: 75 Resp: 111591
Ion Ratio Lower Upper
75 100
77 31.0 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 50.524 ug/l
RT: 9.81 min Scan# 2555
Delta R.T. -0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Tgt Ion: 75 Resp: 117775
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.4
39 58.9 48.7 73.1

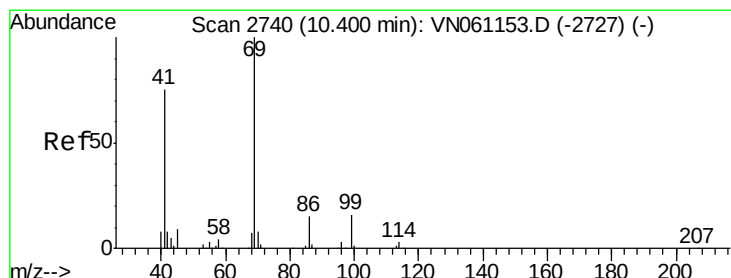
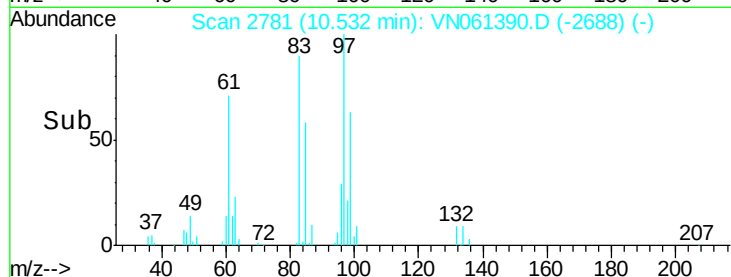
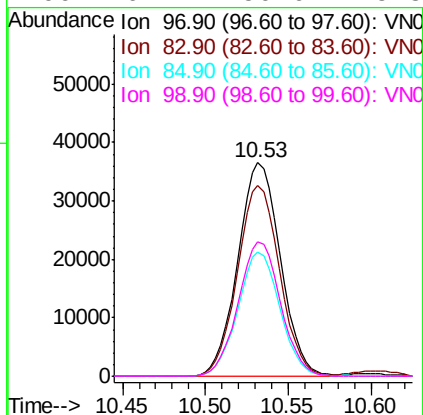
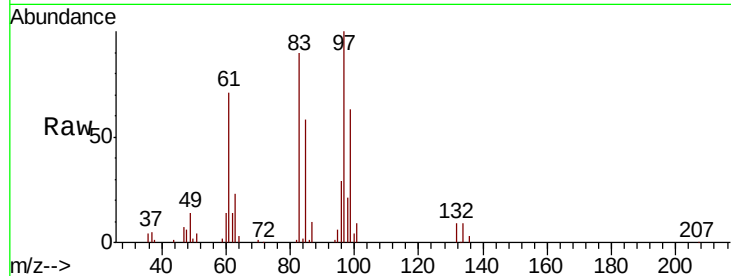




#55
 1,1,2-Trichloroethane
 Concen: 49.348 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

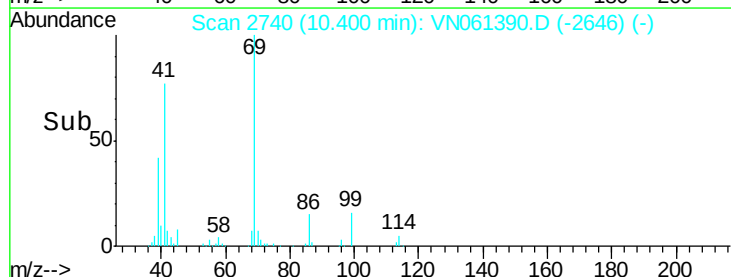
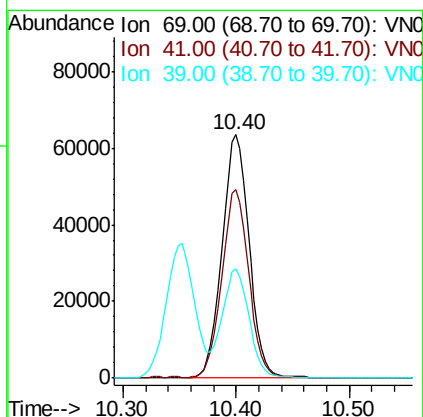
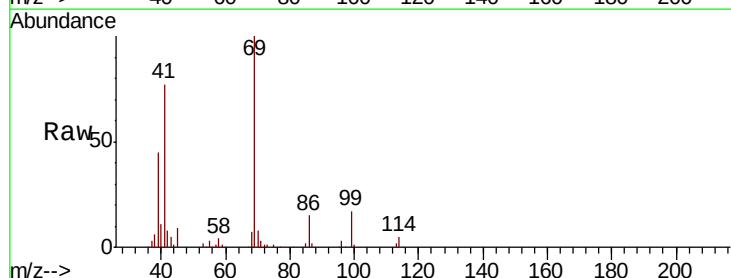
Instrument :
 MSVOA_N
 ClientSampled :

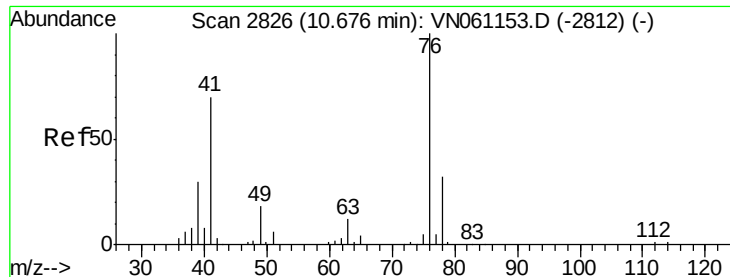
Tot Ion:	97	Resp:	65343
Ion	Ratio	Lower	Upper
97	100		
83	89.6	70.6	106.0
85	58.1	46.4	69.6
99	62.7	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 46.072 ug/l
 RT: 10.40 min Scan# 2740
 Delta R.T. 0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Tgt Ion:	69	Resp:	105785
Ion	Ratio	Lower	Upper
69	100		
41	76.5	60.3	90.5
39	44.1	35.9	53.9

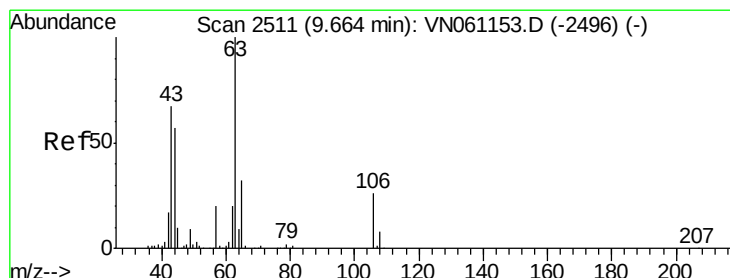
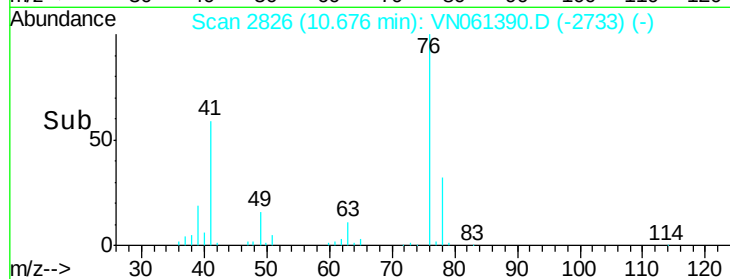
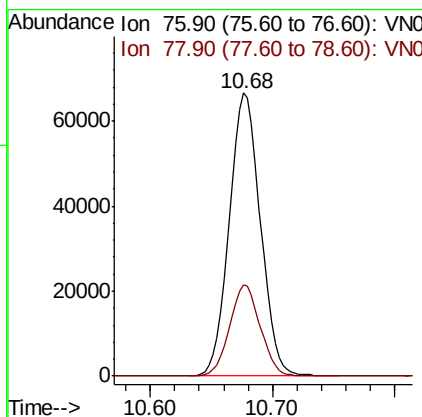
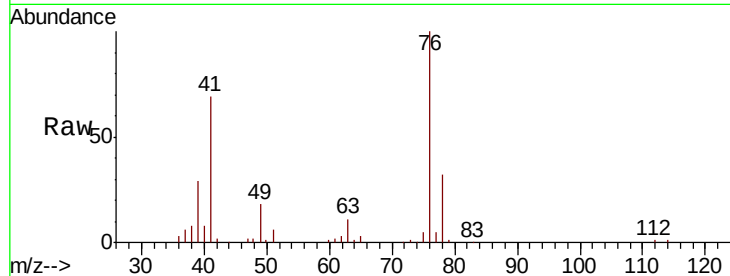




#57
 1,3-Dichloropropane
 Concen: 50.908 ug/l
 RT: 10.68 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

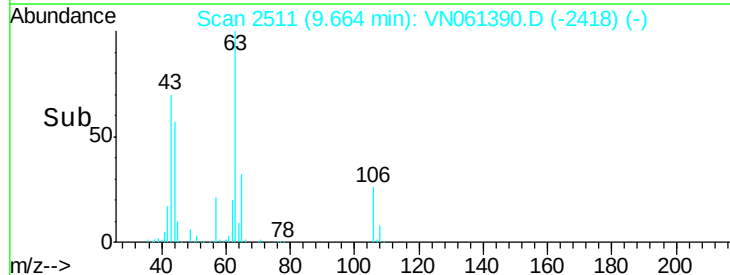
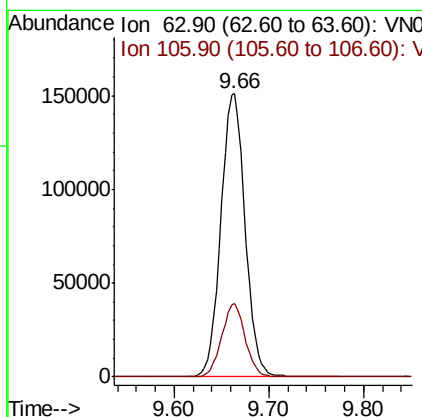
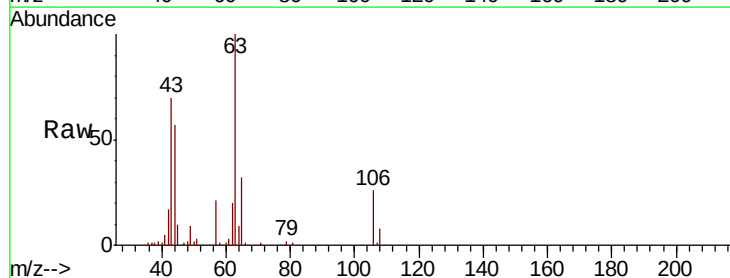
Instrument :
 MSVOA_N
 ClientSampled :

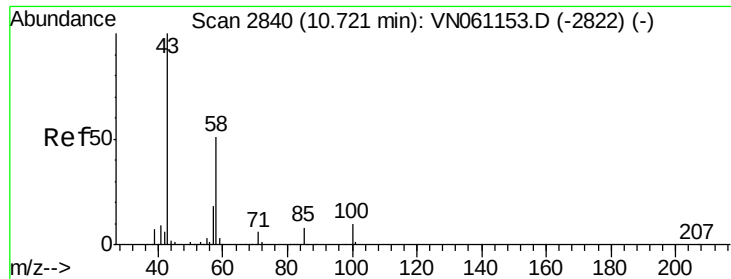
Tot Ion: 76 Resp: 118487
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 250.670 ug/l
 RT: 9.66 min Scan# 2511
 Delta R.T. 0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Tgt Ion: 63 Resp: 268672
 Ion Ratio Lower Upper
 63 100
 106 25.2 20.6 30.8

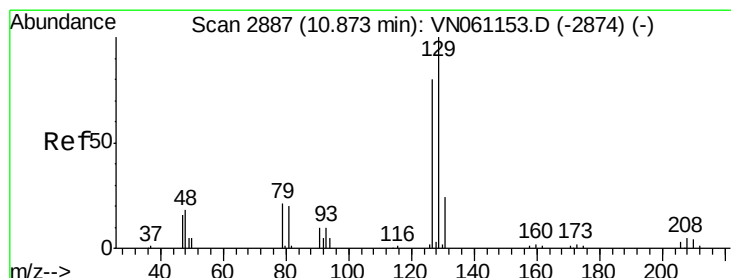
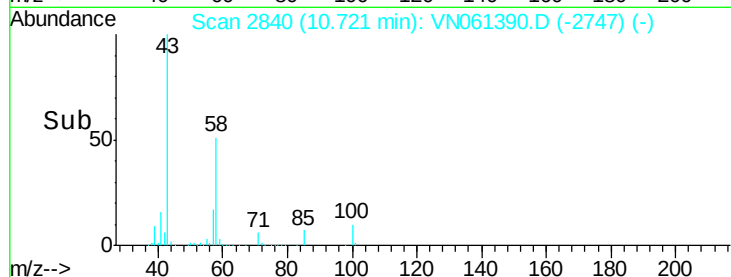
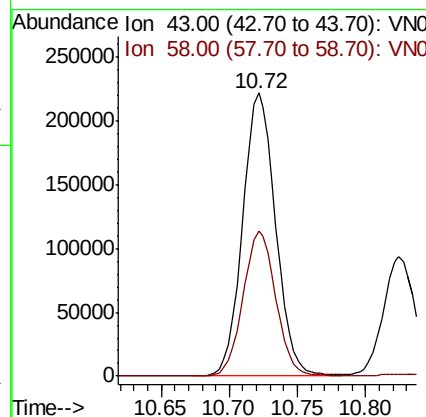
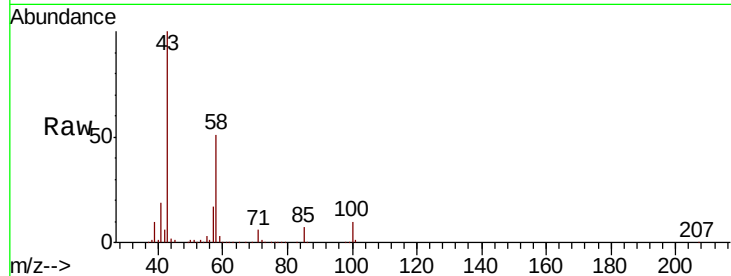




#59
2-Hexanone
Concen: 241.655 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

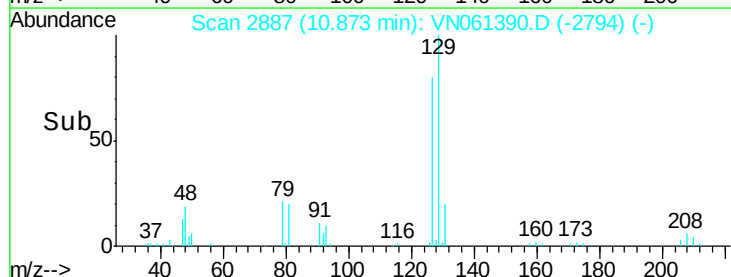
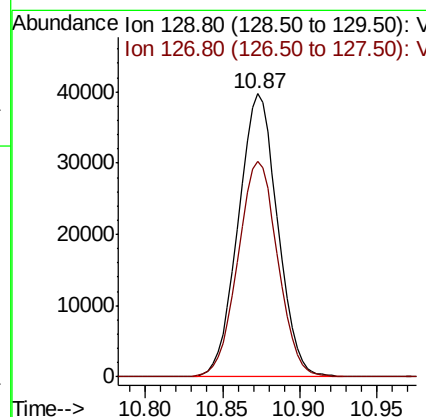
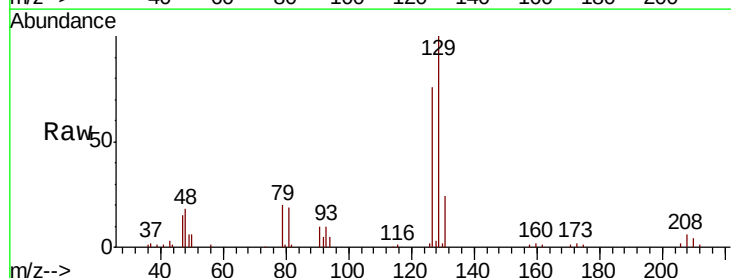
Instrument :
MSVOA_N
ClientSampleId :

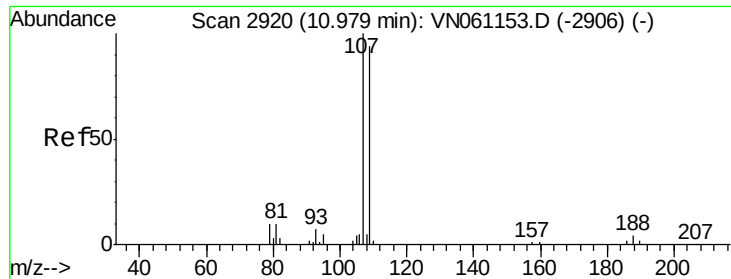
Tot Ion: 43 Resp: 372468
Ion Ratio Lower Upper
43 100
58 50.9 25.4 76.4



#60
Dibromochloromethane
Concen: 50.534 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Tgt Ion: 129 Resp: 70082
Ion Ratio Lower Upper
129 100
127 77.3 39.3 117.8

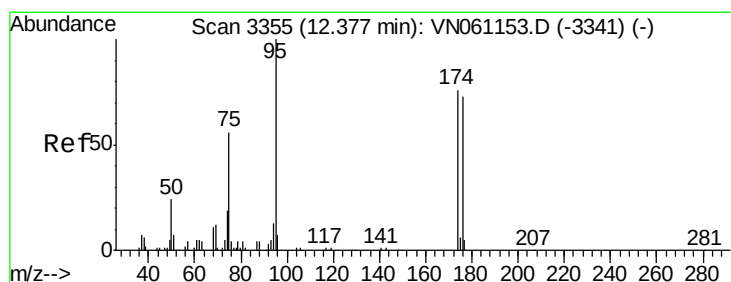
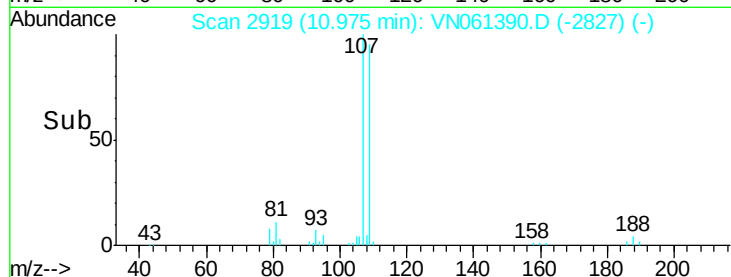
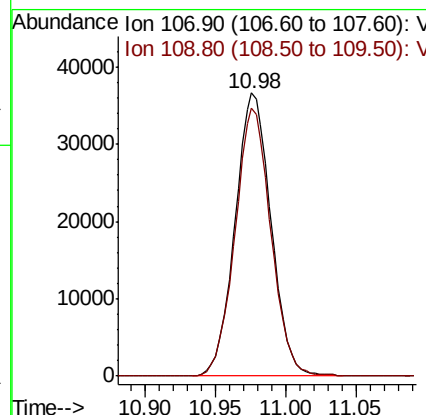
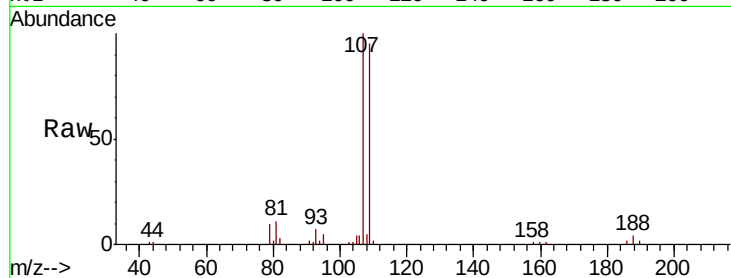




#61
 1,2-Dibromoethane
 Concen: 49.260 ug/l
 RT: 10.98 min Scan# 2919
 Delta R.T. -0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

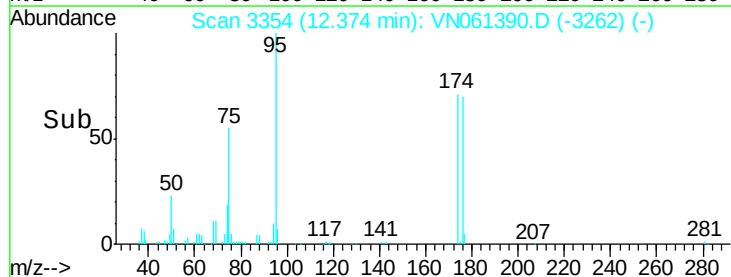
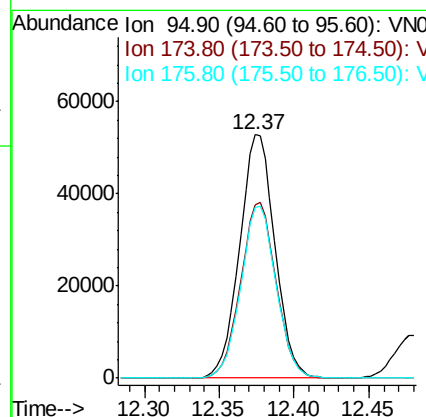
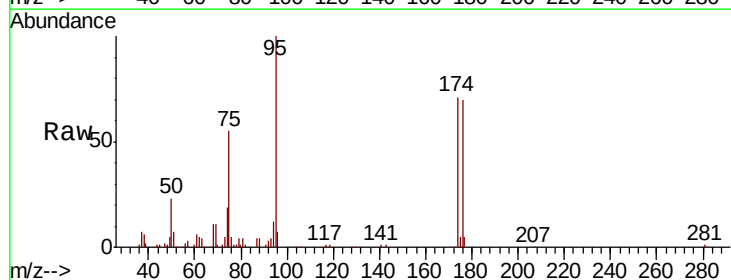
Instrument :
 MSVOA_N
 ClientSampleId :

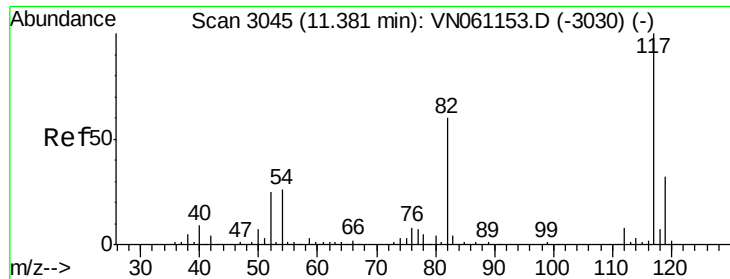
Tot Ion:107 Resp: 65377
 Ion Ratio Lower Upper
 107 100
 109 94.3 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 51.752 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Tgt Ion: 95 Resp: 86756
 Ion Ratio Lower Upper
 95 100
 174 72.5 0.0 149.4
 176 70.6 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: VN061390.D

Acq: 11 May 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

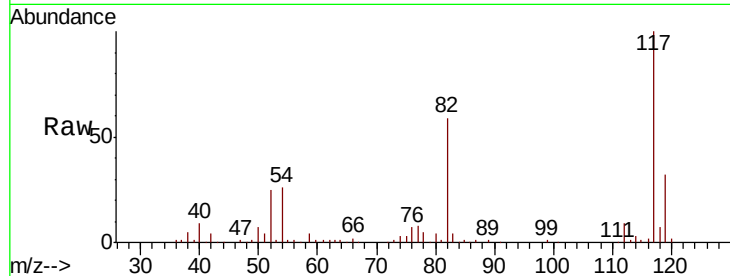
Tot Ion:117 Resp: 173056

Ion Ratio Lower Upper

117 100

82 59.4 47.8 71.8

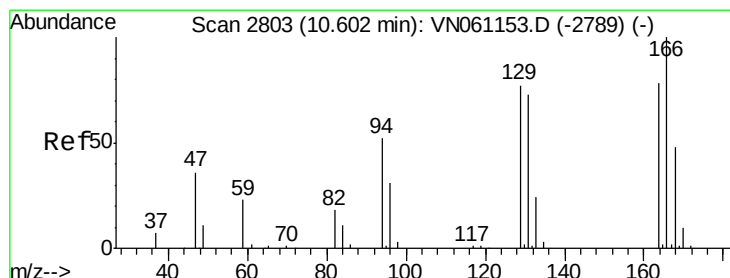
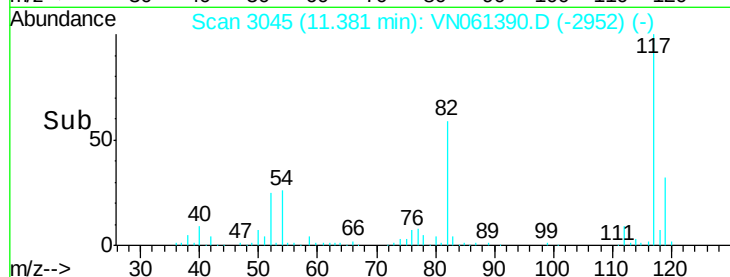
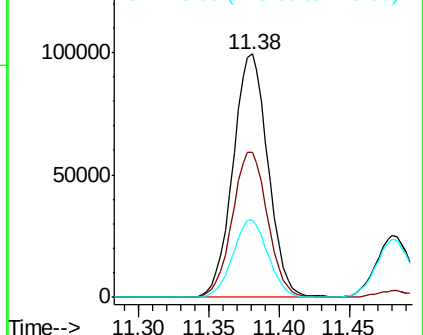
119 31.8 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 42.013 ug/l

RT: 10.60 min Scan# 2803

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Tgt Ion:164 Resp: 62971

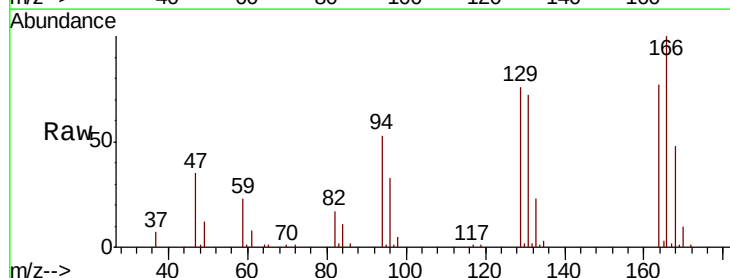
Ion Ratio Lower Upper

164 100

166 130.4 102.0 153.0

129 99.4 78.2 117.2

131 93.8 74.5 111.7

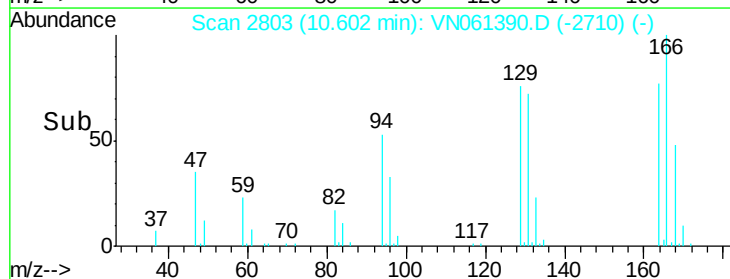
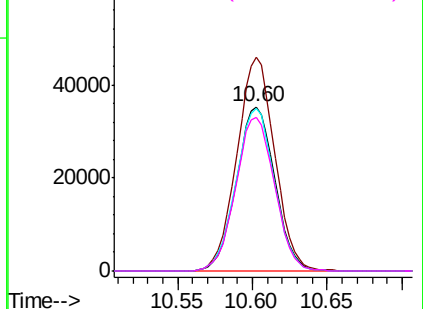


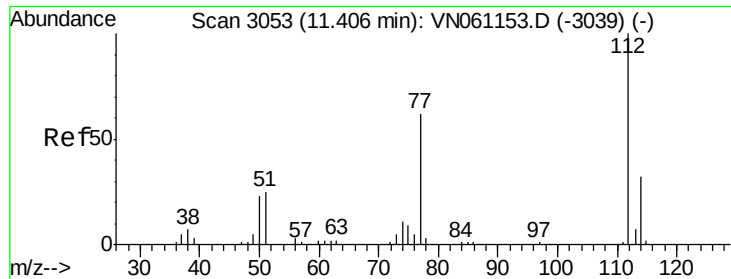
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

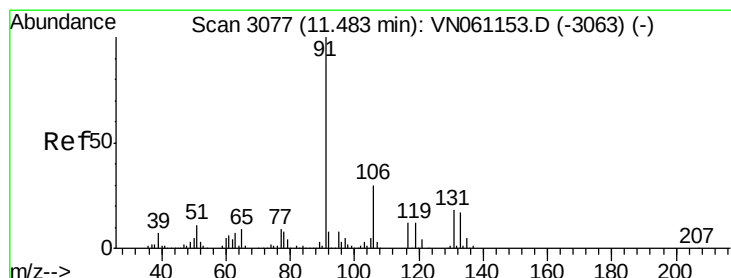
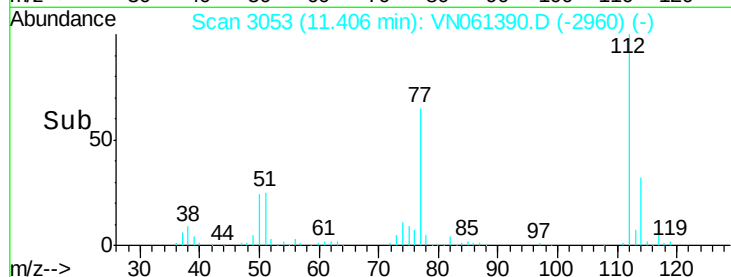
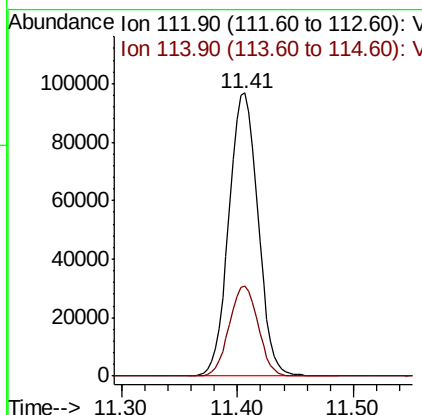
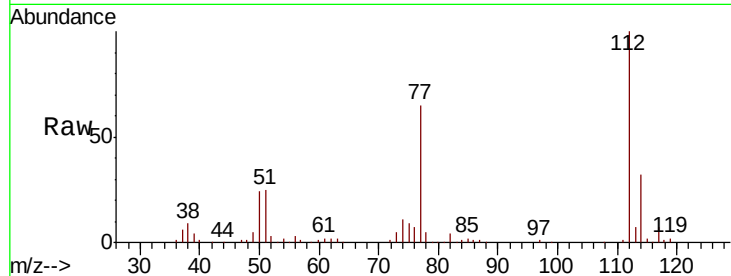




#65
Chlorobenzene
Concen: 49.105 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

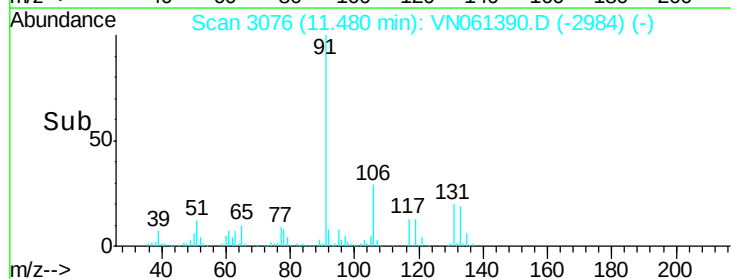
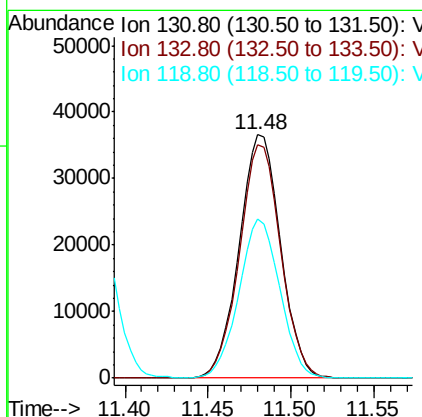
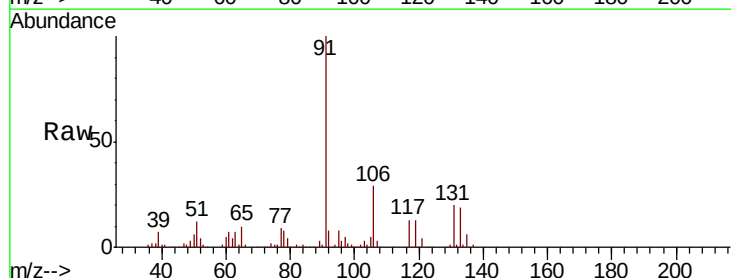
Instrument :
MSVOA_N
ClientSampled :

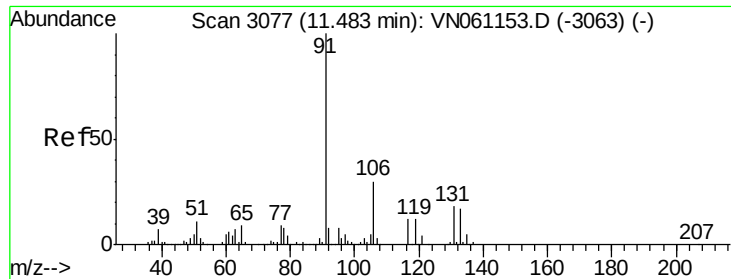
Tot Ion:112 Resp: 168569
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.596 ug/l
RT: 11.48 min Scan# 3076
Delta R.T. -0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Tgt Ion:131 Resp: 63394
Ion Ratio Lower Upper
131 100
133 95.7 48.0 144.2
119 64.8 32.6 97.8

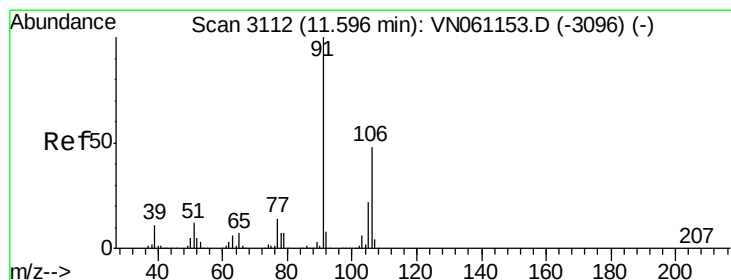
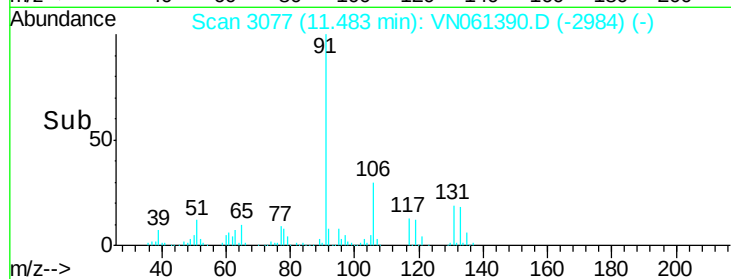
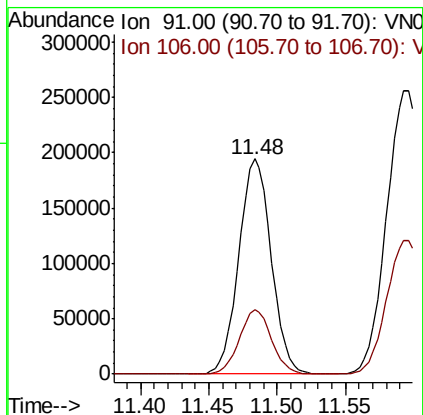
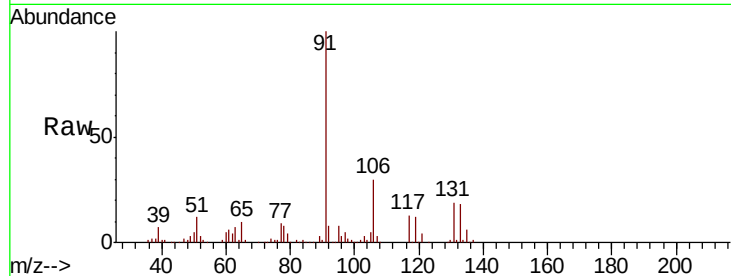




#67
Ethyl Benzene
Concen: 49.863 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

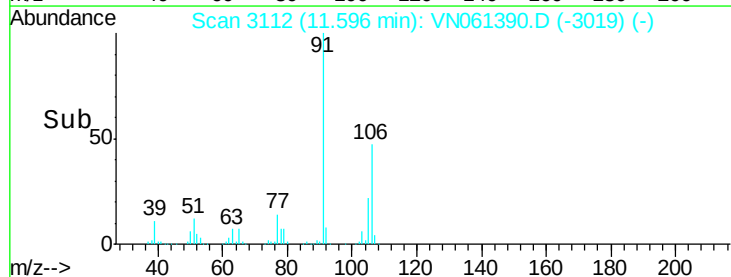
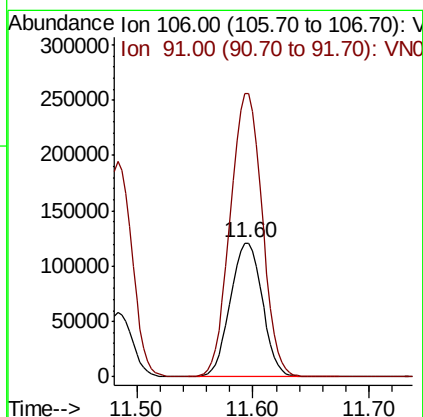
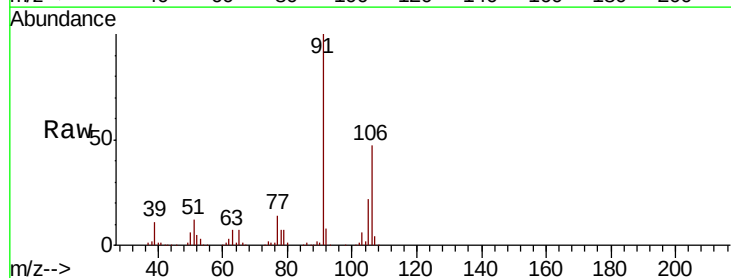
Instrument :
MSVOA_N
ClientSampled :

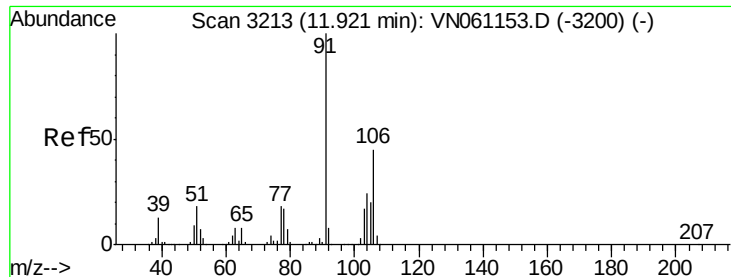
Tot Ion: 91 Resp: 320430
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.6



#68
m/p-Xylenes
Concen: 98.457 ug/l
RT: 11.60 min Scan# 3112
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Tgt Ion: 106 Resp: 231591
Ion Ratio Lower Upper
106 100
91 211.3 166.4 249.6

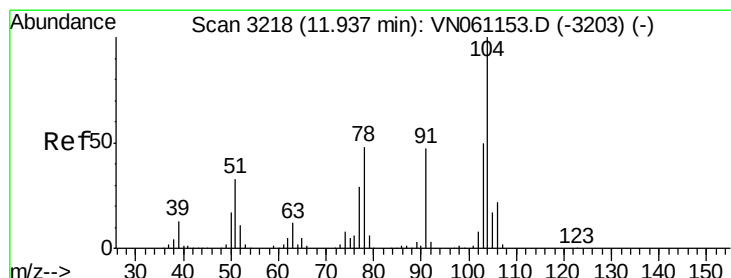
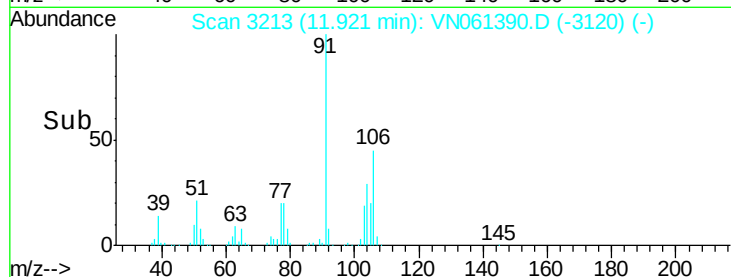
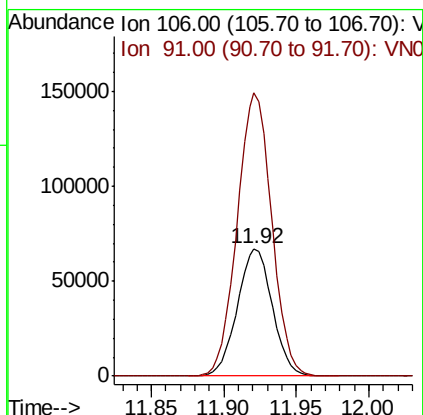
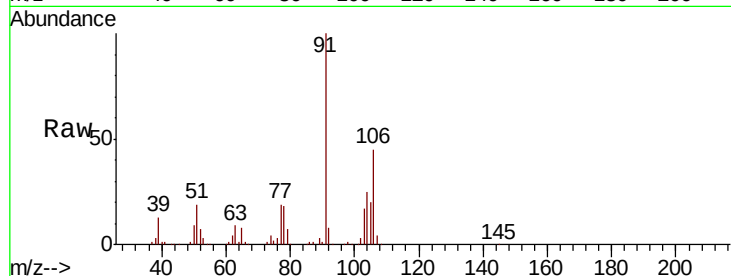




#69
o-Xylene
Concen: 49.674 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

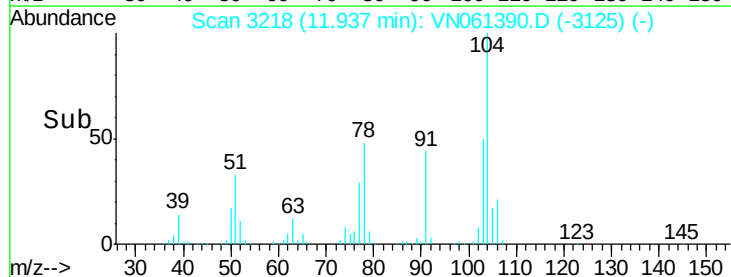
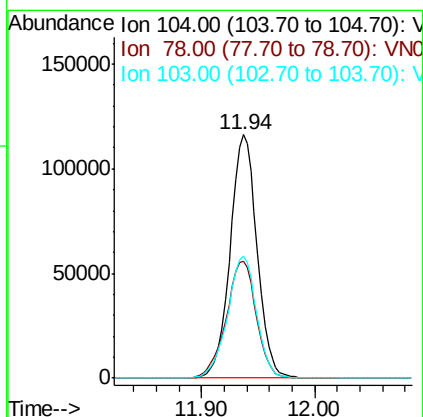
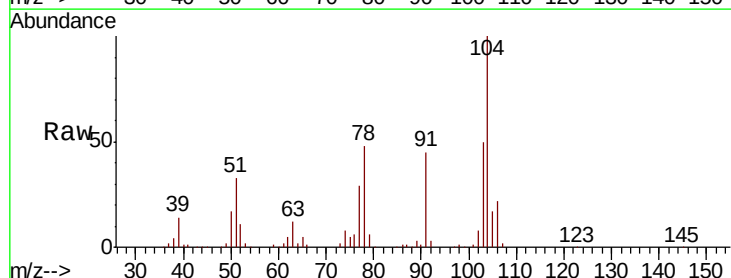
Instrument :
MSVOA_N
ClientSampled :

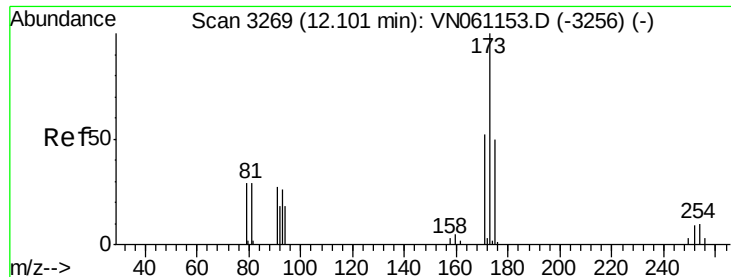
Tot Ion:106 Resp: 112235
Ion Ratio Lower Upper
106 100
91 220.2 109.7 329.0



#70
Styrene
Concen: 50.850 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Tgt Ion:104 Resp: 192295
Ion Ratio Lower Upper
104 100
78 53.7 42.1 63.1
103 54.0 43.3 64.9





#71

Bromoform

Concen: 51.607 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

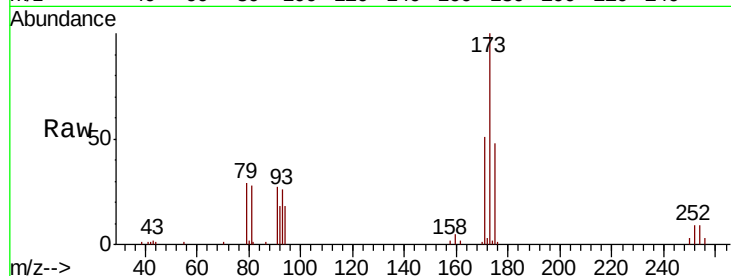
Tot Ion:173 Resp: 46601

Ion Ratio Lower Upper

173 100

175 49.9 24.1 72.4

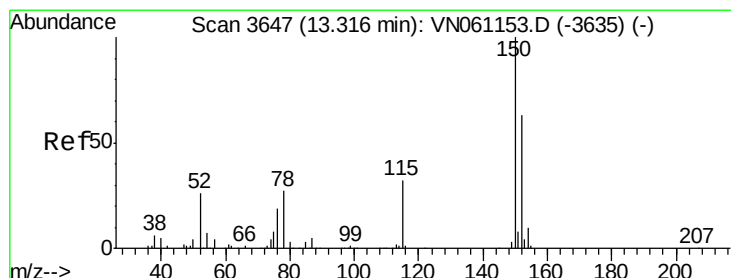
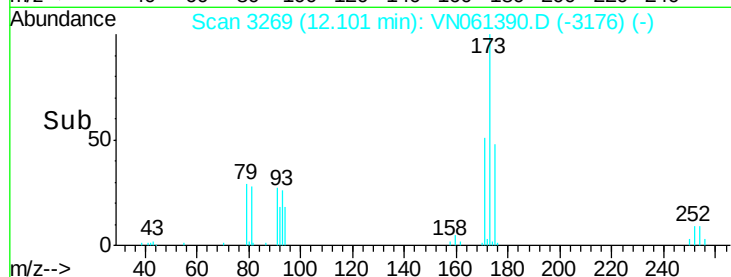
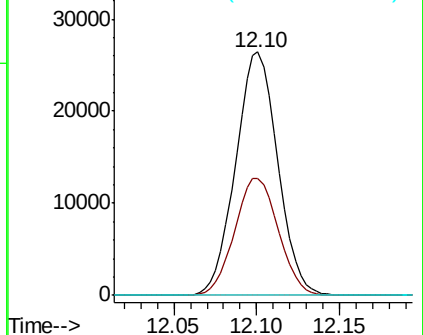
254 0.0 0.0 0.0



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: VN061390.D

Acq: 11 May 2020 16:36

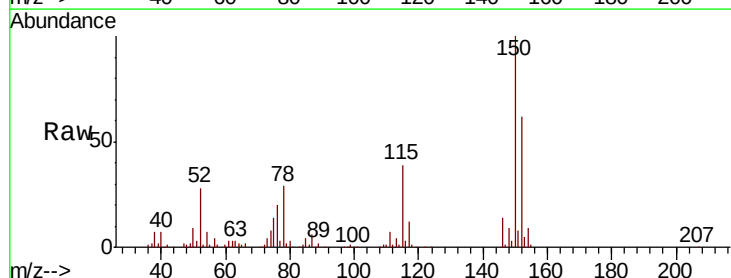
Tgt Ion:152 Resp: 83059

Ion Ratio Lower Upper

152 100

115 62.6 31.0 93.0

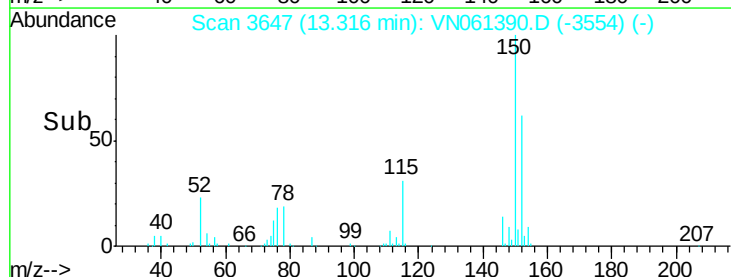
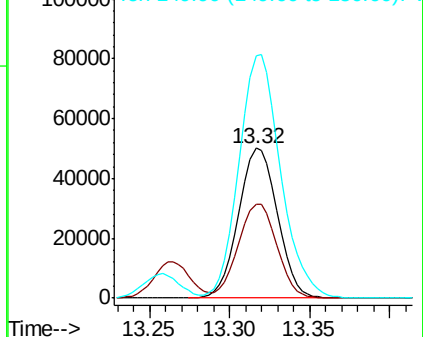
150 174.1 0.0 351.8

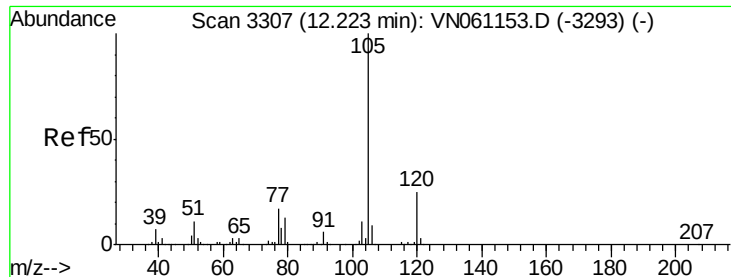


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.844 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Instrument :

MSVOA_N

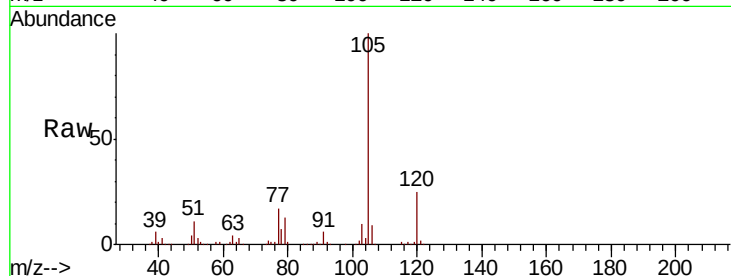
ClientSampleId :

Tot Ion:105 Resp: 304353

Ion Ratio Lower Upper

105 100

120 25.1 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

200000

150000

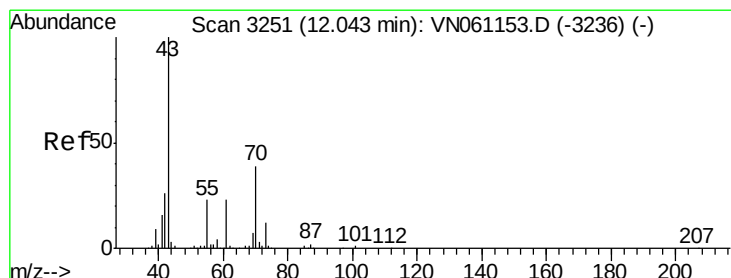
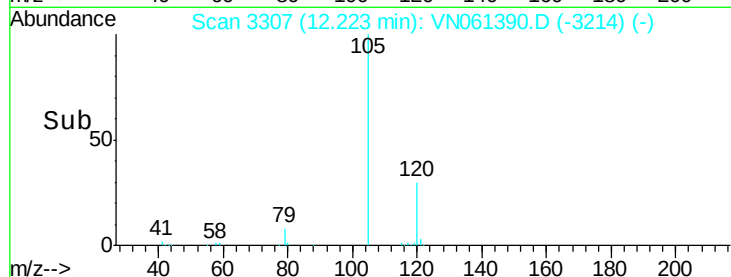
100000

50000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 49.685 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Tgt Ion: 43 Resp: 153625

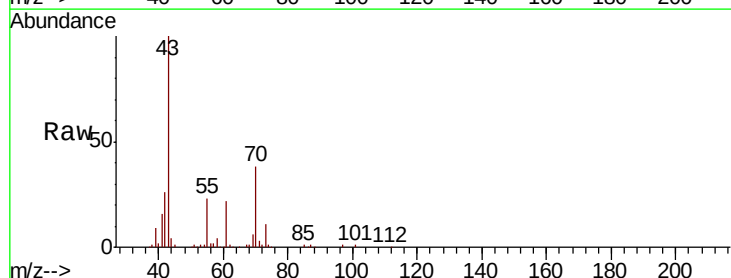
Ion Ratio Lower Upper

43 100

70 37.7 30.6 46.0

55 23.5 18.5 27.7

61 22.0 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

150000

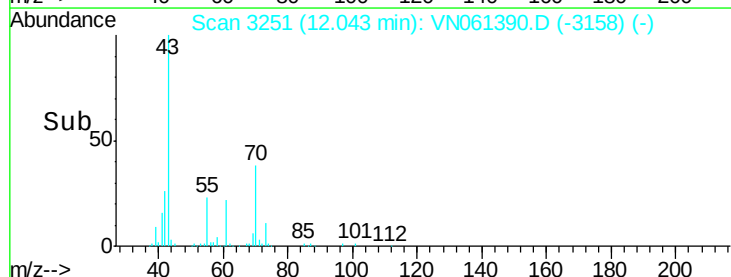
100000

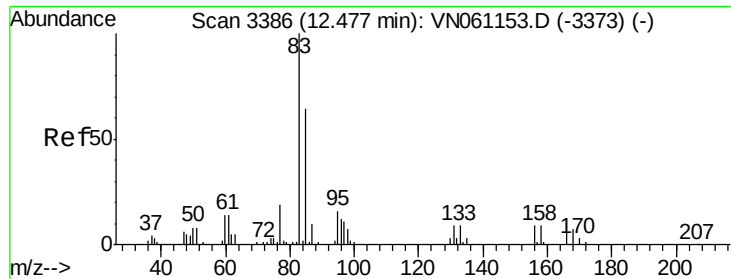
50000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 49.952 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

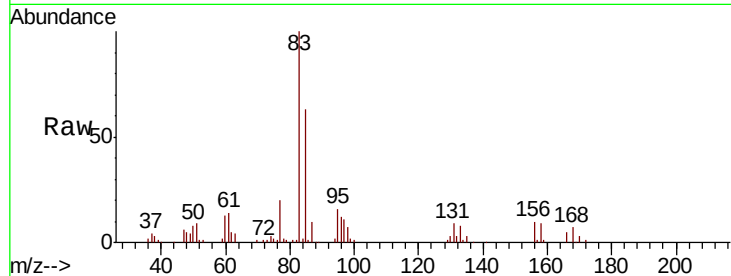
Tot Ion: 83 Resp: 95106

Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.3

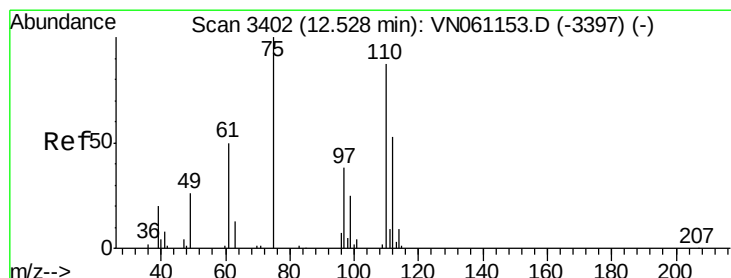
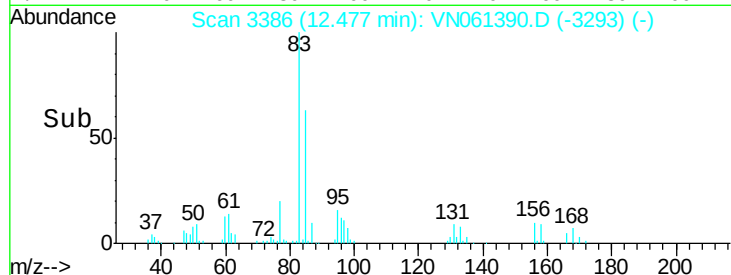
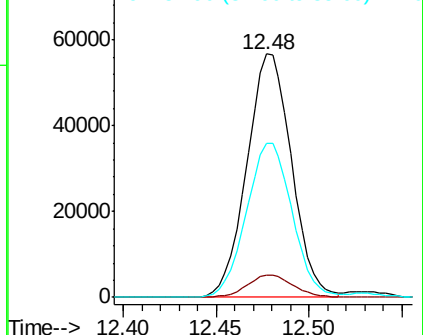
85 64.7 32.0 96.0



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

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

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



#76

1,2,3-Trichloropropane

Concen: 74.385 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061390.D

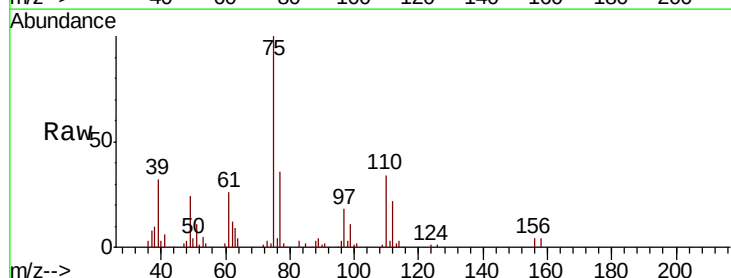
Acq: 11 May 2020 16:36

Tgt Ion: 75 Resp: 130256

Ion Ratio Lower Upper

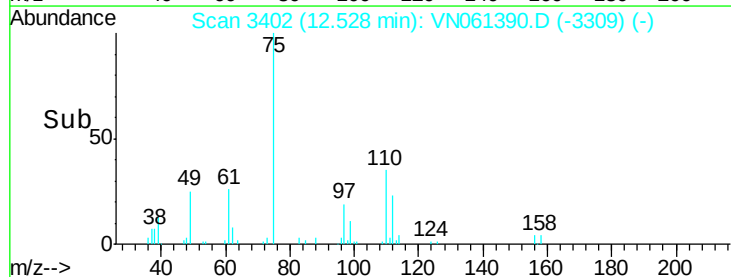
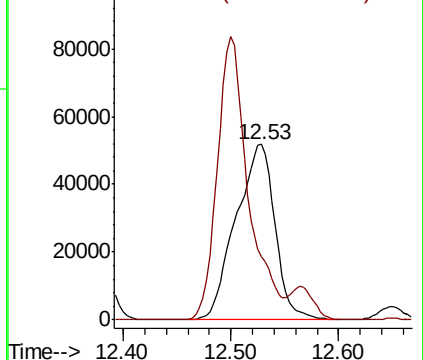
75 100

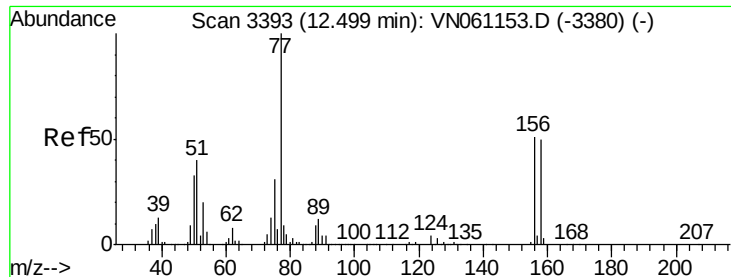
77 0.0 0.0 0.0



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: 50.401 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

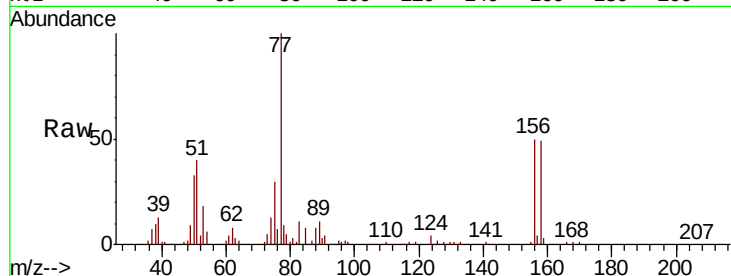
Tot Ion:156 Resp: 71042

Ion Ratio Lower Upper

156 100

77 235.9 117.4 352.2

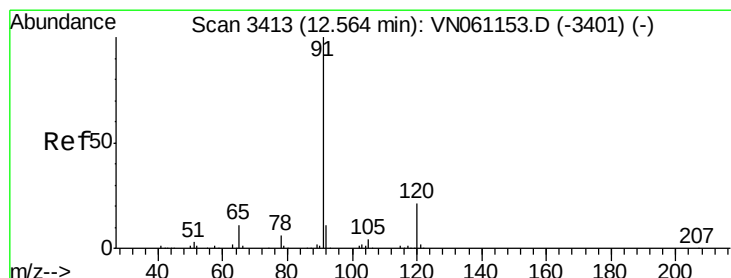
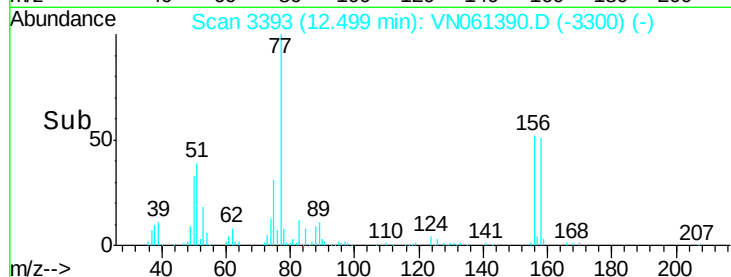
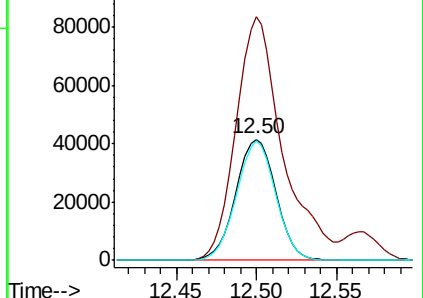
158 96.1 48.4 145.0



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: 50.082 ug/l

RT: 12.56 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061390.D

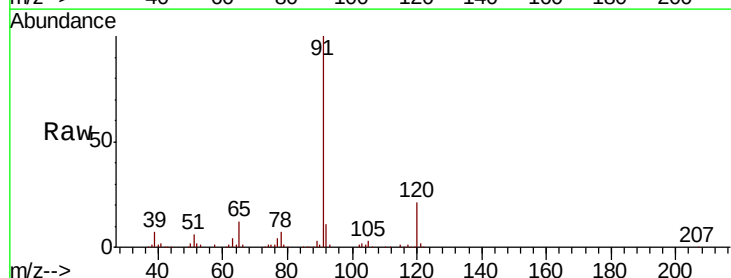
Acq: 11 May 2020 16:36

Tgt Ion: 91 Resp: 362715

Ion Ratio Lower Upper

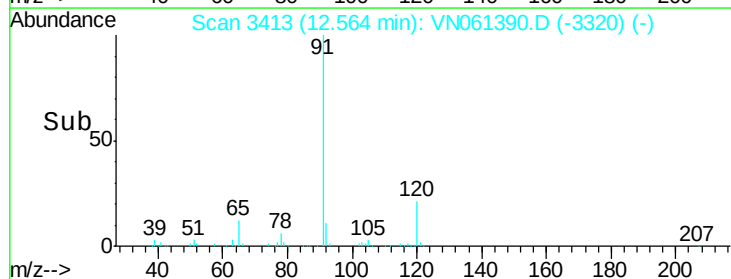
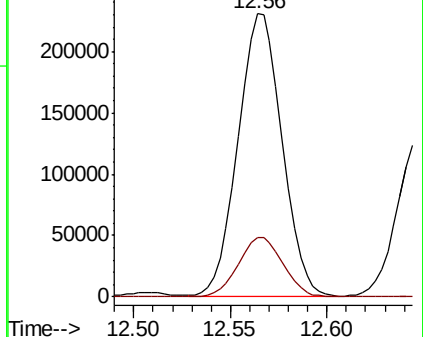
91 100

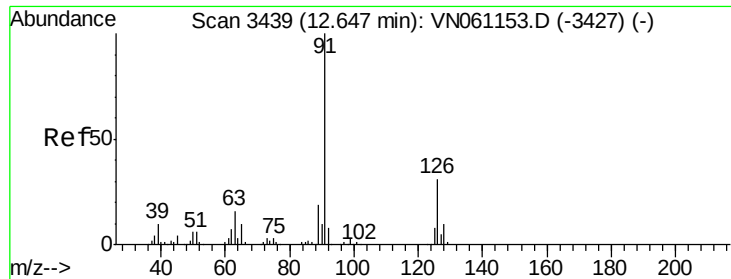
120 21.3 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.285 ug/l

RT: 12.65 min Scan# 3439

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Instrument :

MSVOA_N

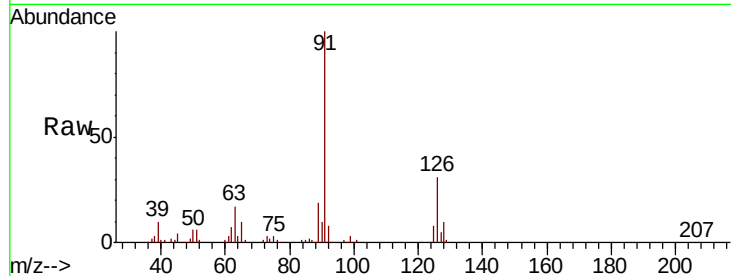
ClientSampled :

Tot Ion: 91 Resp: 214062

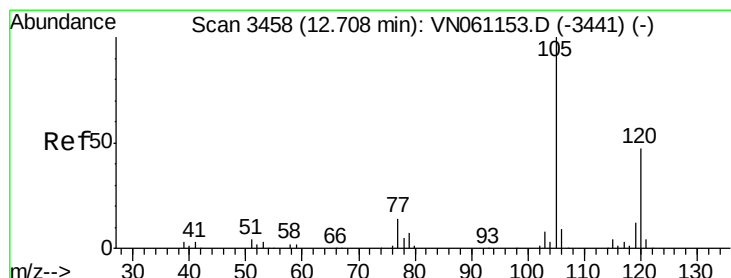
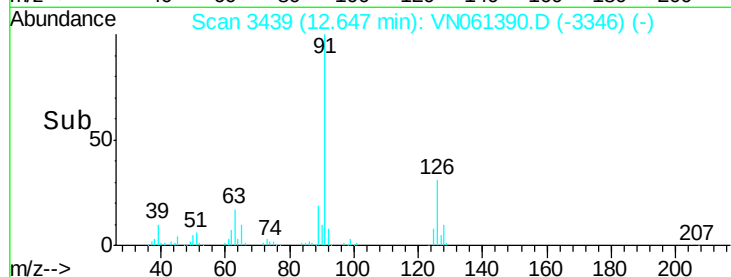
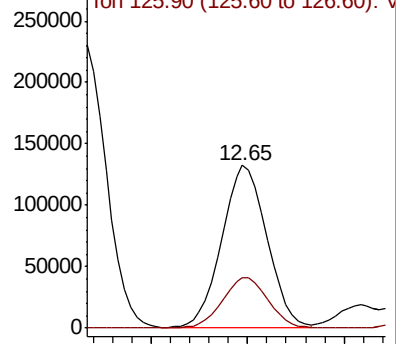
Ion Ratio Lower Upper

91 100

126 31.6 15.9 47.7



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



#80

1,3,5-Trimethylbenzene

Concen: 50.462 ug/l

RT: 12.71 min Scan# 3458

Delta R.T. 0.00 min

Lab File: VN061390.D

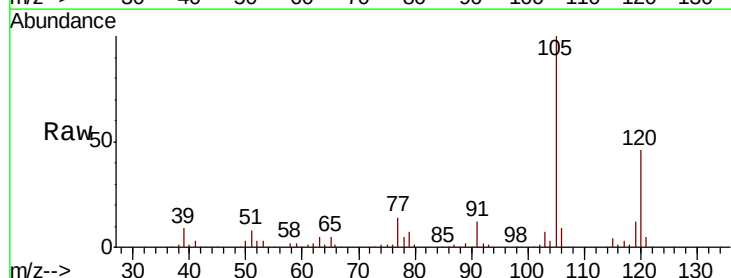
Acq: 11 May 2020 16:36

Tgt Ion: 105 Resp: 255020

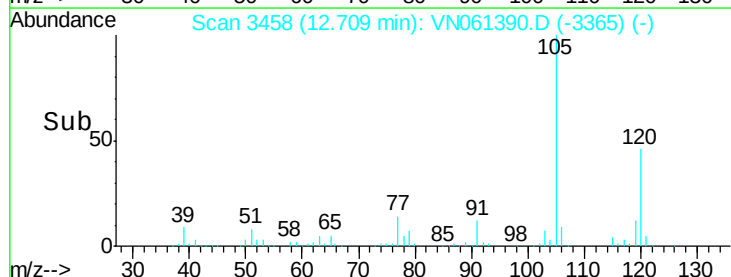
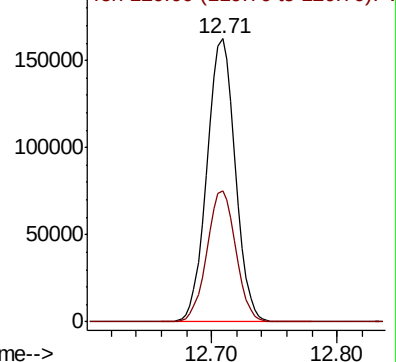
Ion Ratio Lower Upper

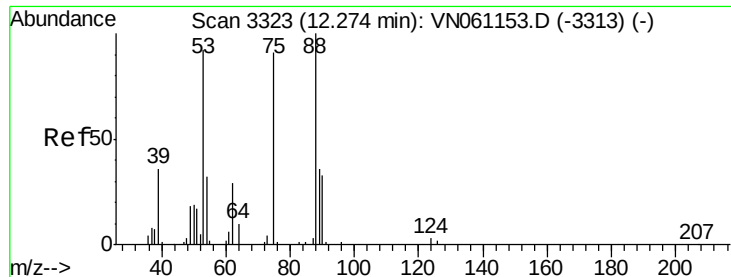
105 100

120 46.9 23.9 71.7



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





#81

trans-1,4-Dichloro-2-butene

Concen: 49.229 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Instrument :

MSVOA_N

ClientSampled :

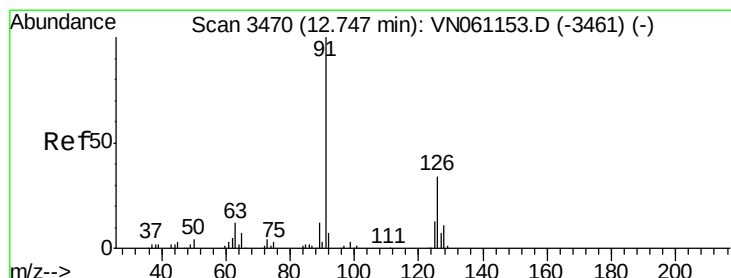
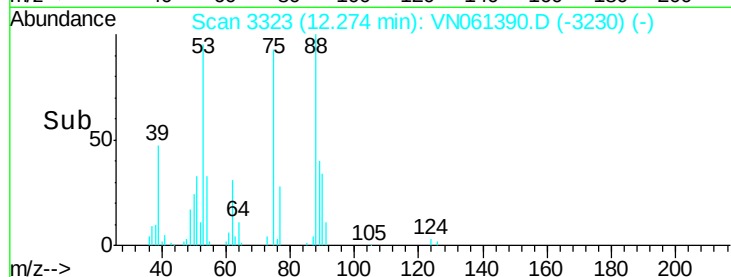
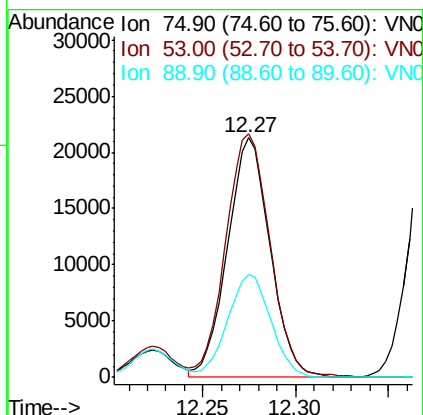
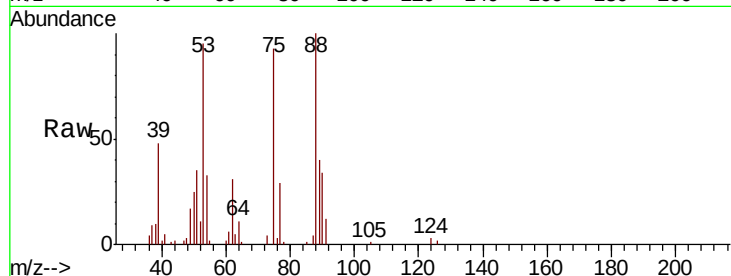
Tot Ion: 75 Resp: 33946

Ion Ratio Lower Upper

75 100

53 105.9 84.1 126.1

89 43.5 35.2 52.8



#82

4-Chlorotoluene

Concen: 50.938 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061390.D

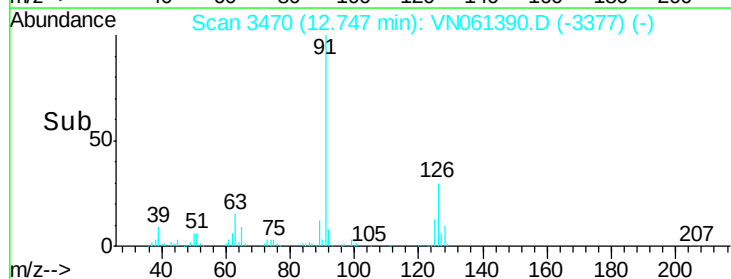
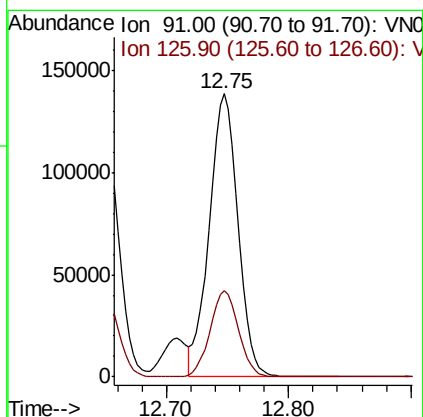
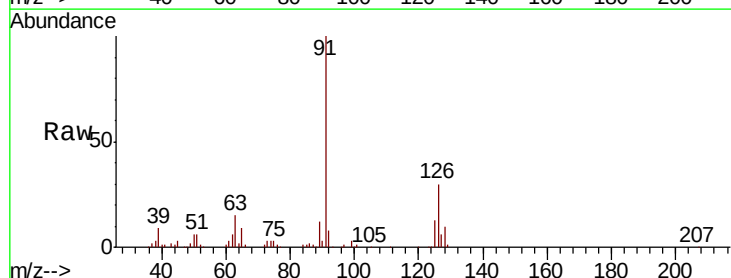
Acq: 11 May 2020 16:36

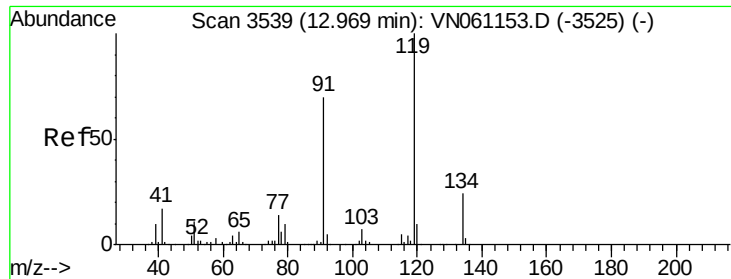
Tgt Ion: 91 Resp: 228544

Ion Ratio Lower Upper

91 100

126 30.4 15.7 47.1

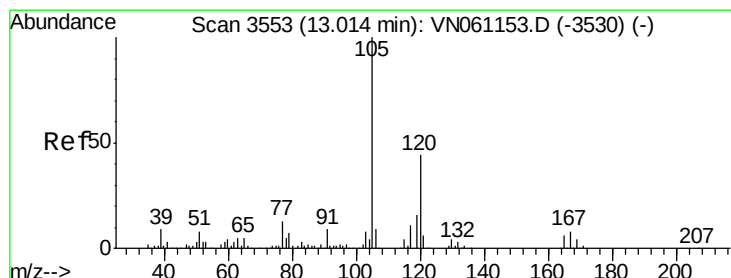
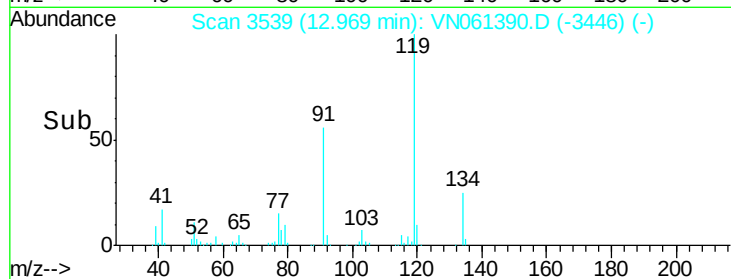
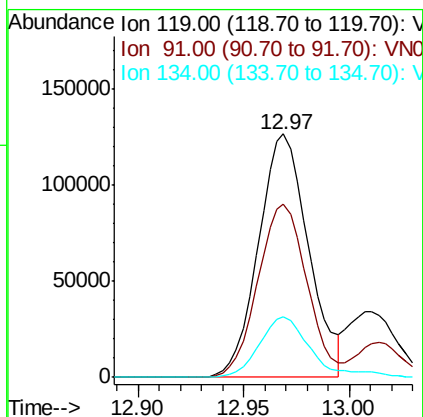
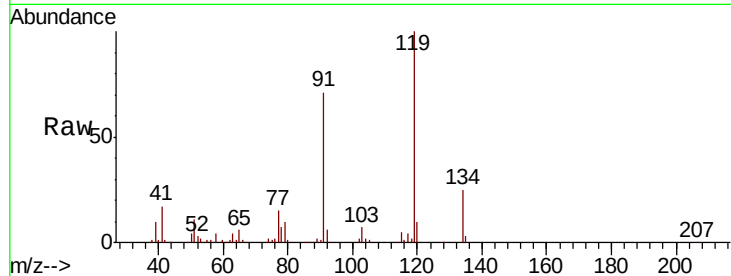




#83
 tert-Butylbenzene
 Concen: 49.098 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

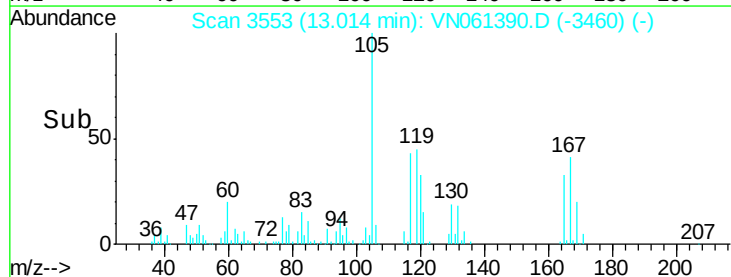
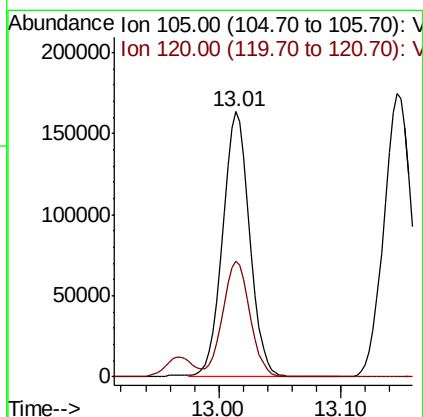
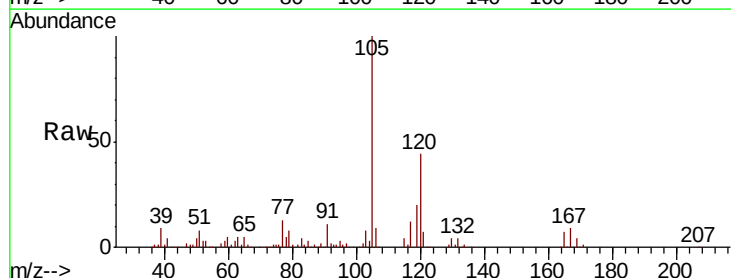
Instrument :
 MSVOA_N
 ClientSampleId :

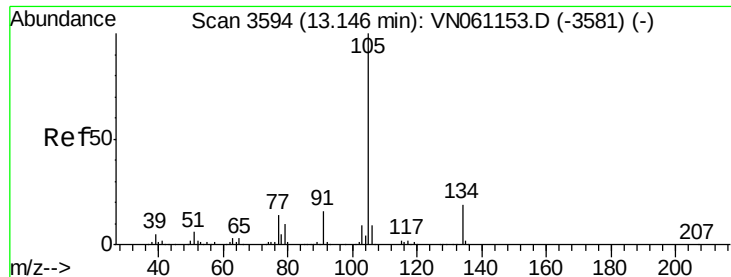
Tot Ion:119 Resp: 209226
 Ion Ratio Lower Upper
 119 100
 91 69.5 34.8 104.4
 134 25.9 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 48.895 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Tgt Ion:105 Resp: 254584
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 48.296 ug/l

RT: 13.15 min Scan# 3594

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Instrument :

MSVOA_N

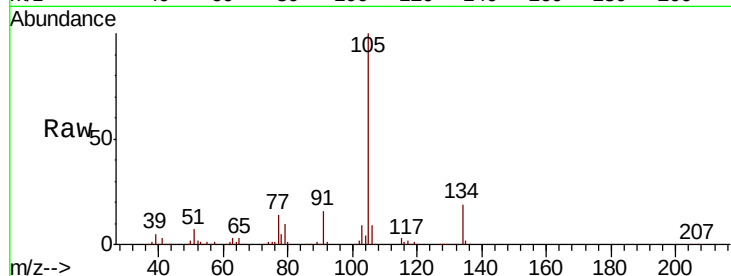
ClientSampleId :

Tot Ion:105 Resp: 280594

Ion Ratio Lower Upper

105 100

134 18.8 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

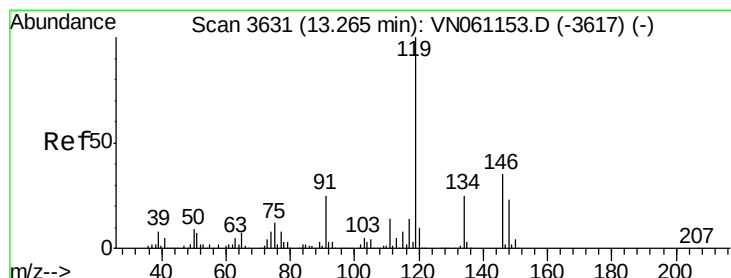
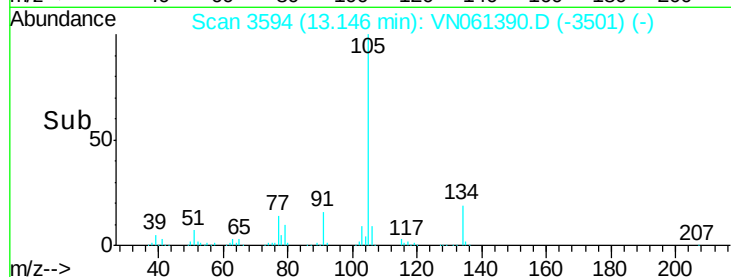
100000

50000

0

13.10 13.15 13.20

Time-->



#86

p-Isopropyltoluene

Concen: 48.521 ug/l

RT: 13.26 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

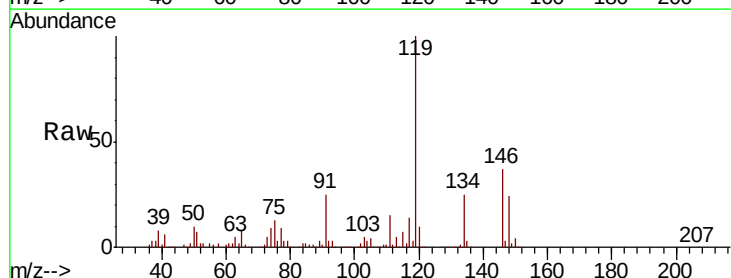
Tgt Ion:119 Resp: 253987

Ion Ratio Lower Upper

119 100

134 24.9 12.6 37.6

91 25.2 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

200000

150000

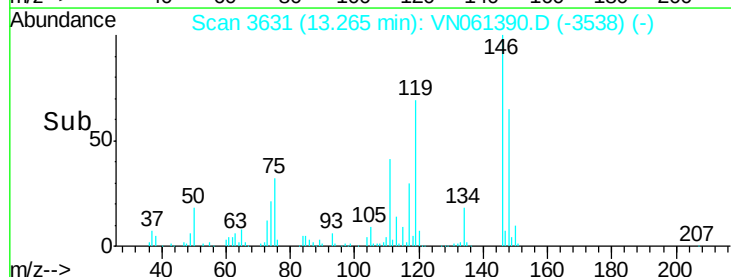
100000

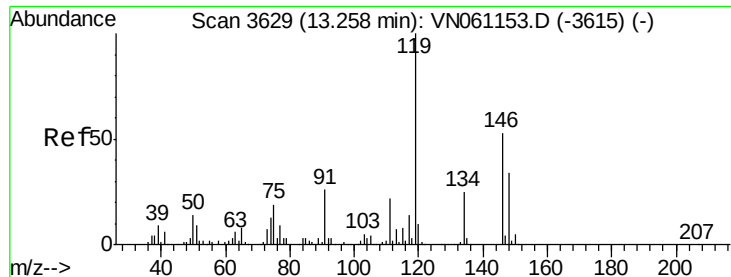
50000

0

13.20 13.25 13.30 13.35

Time-->





#87

1,3-Dichlorobenzene

Concen: 49.376 ug/l

RT: 13.26 min Scan# 3629

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Instrument :

MSVOA_N

ClientSampled :

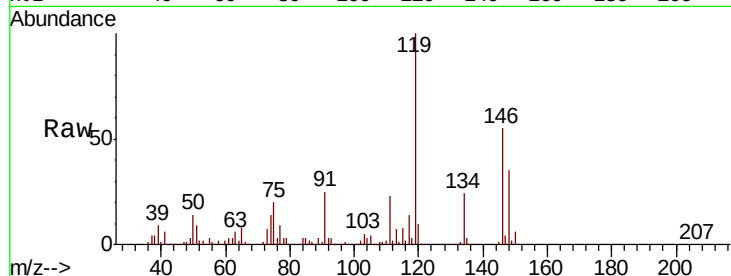
Tot Ion:146 Resp: 128125

Ion Ratio Lower Upper

146 100

111 42.1 20.7 62.1

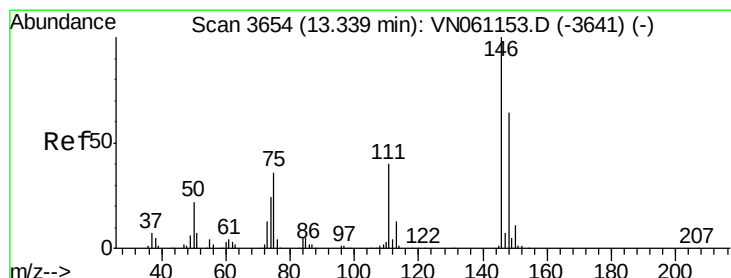
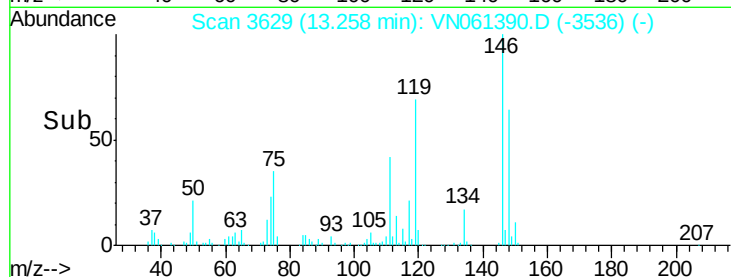
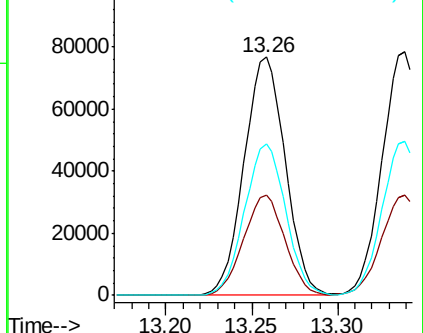
148 63.5 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.758 ug/l

RT: 13.34 min Scan# 3654

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

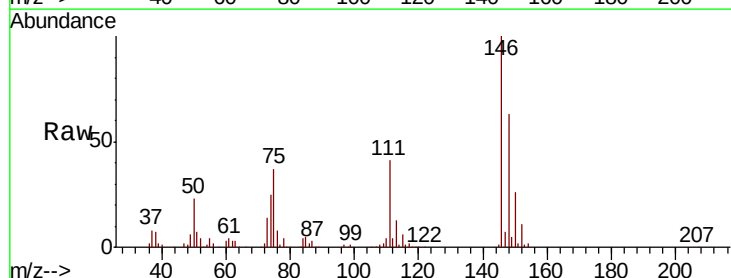
Tgt Ion:146 Resp: 129272

Ion Ratio Lower Upper

146 100

111 42.0 20.4 61.3

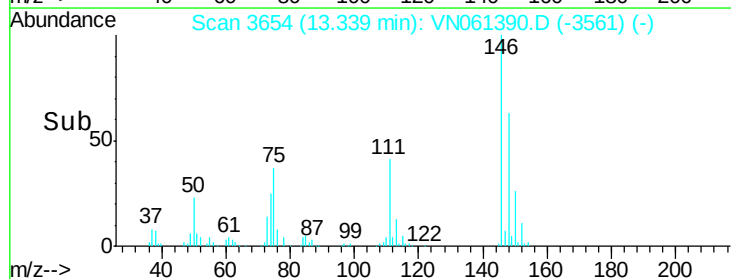
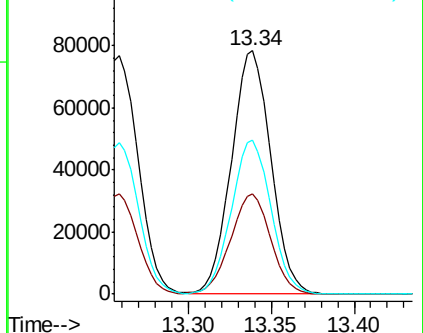
148 63.6 31.9 95.7

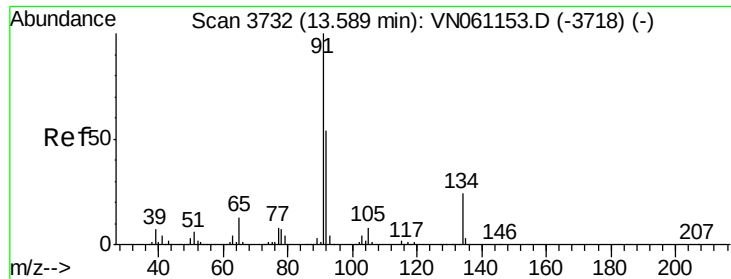


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

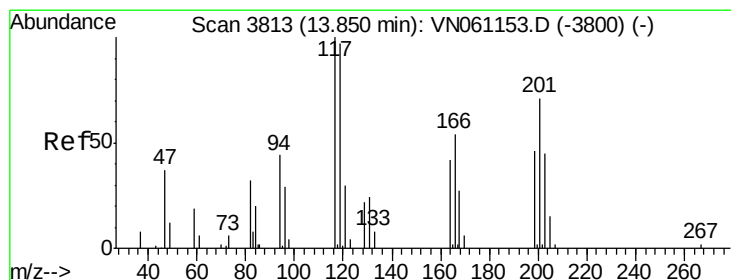
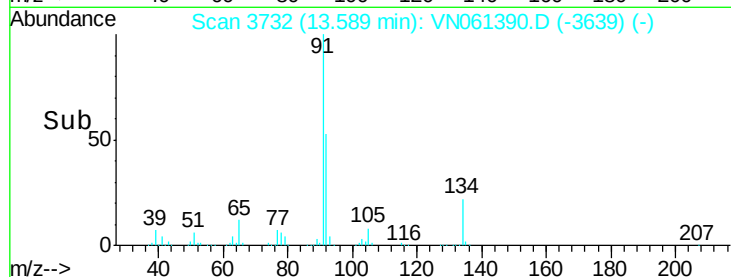
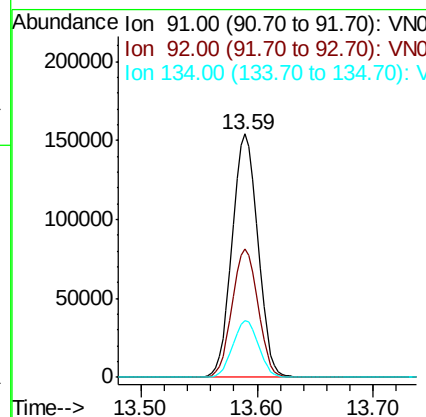
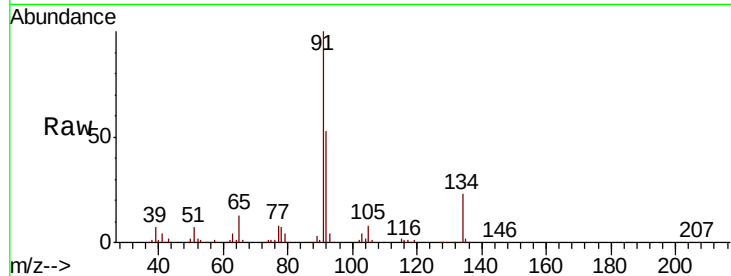




#89
n-Butylbenzene
Concen: 49.191 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

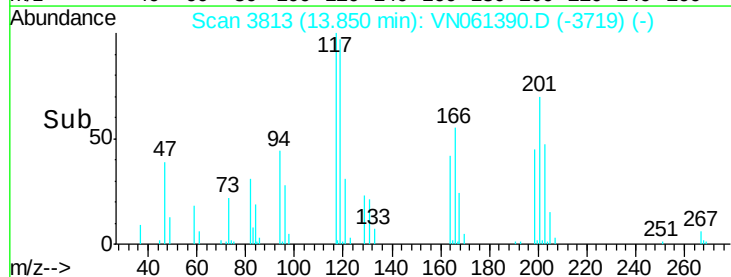
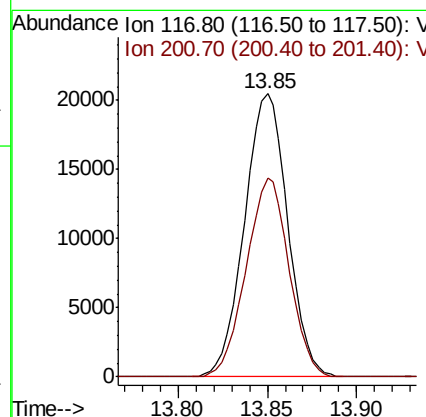
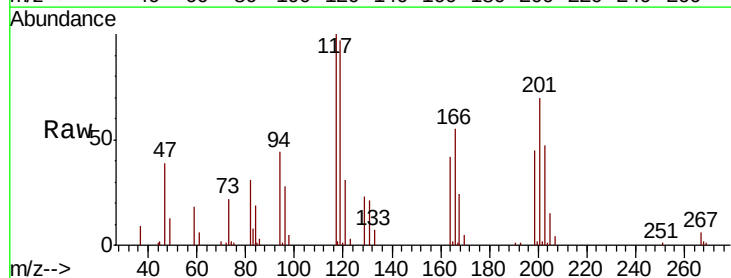
Instrument :
MSVOA_N
ClientSampleId :

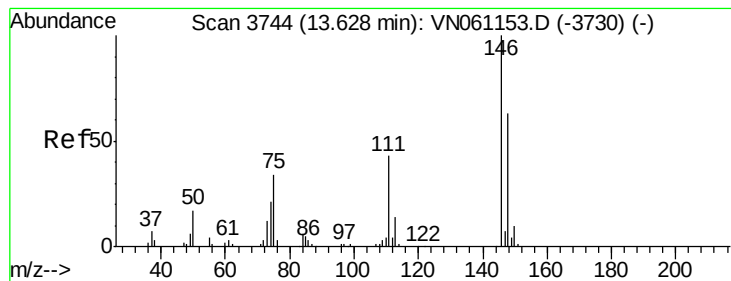
Tot Ion: 91 Resp: 236056
Ion Ratio Lower Upper
91 100
92 52.9 26.8 80.3
134 23.2 11.9 35.5



#90
Hexachloroethane
Concen: 61.431 ug/l
RT: 13.85 min Scan# 3813
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Tgt Ion: 117 Resp: 34664
Ion Ratio Lower Upper
117 100
201 69.7 35.5 106.7





#91

1,2-Dichlorobenzene

Concen: 48.726 ug/l

RT: 13.63 min Scan# 3744

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

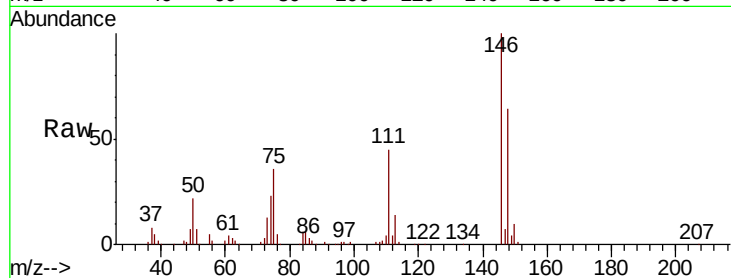
Tot Ion:146 Resp: 121234

Ion Ratio Lower Upper

146 100

111 44.8 21.8 65.3

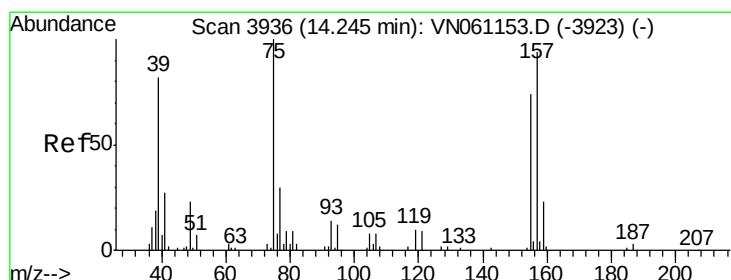
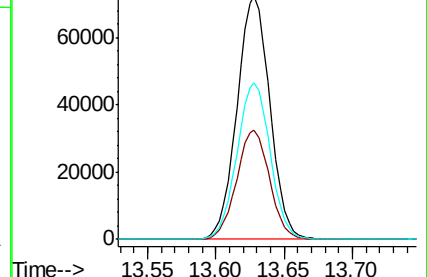
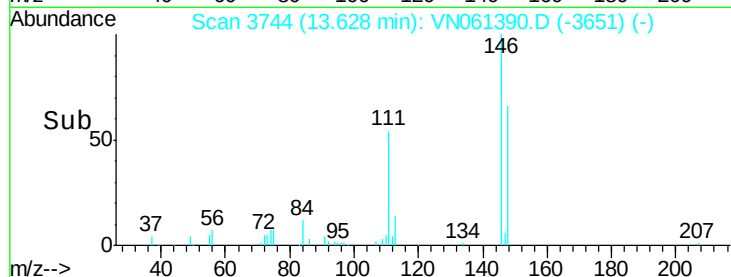
148 64.9 31.6 95.0



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: 46.830 ug/l

RT: 14.24 min Scan# 3935

Delta R.T. -0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

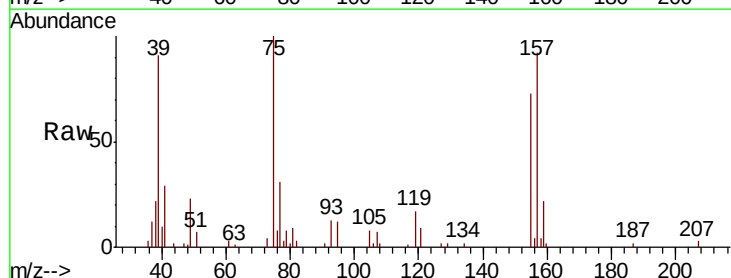
Tgt Ion: 75 Resp: 18831

Ion Ratio Lower Upper

75 100

155 72.5 36.5 109.7

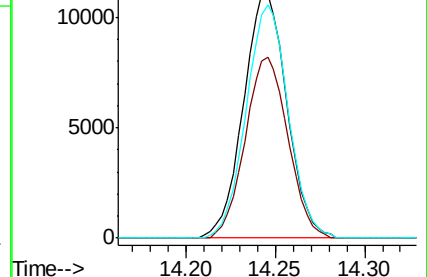
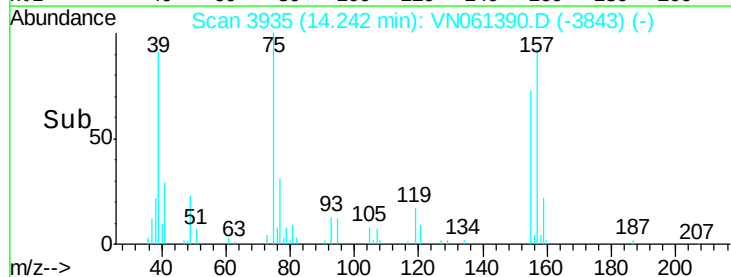
157 92.3 46.6 139.7

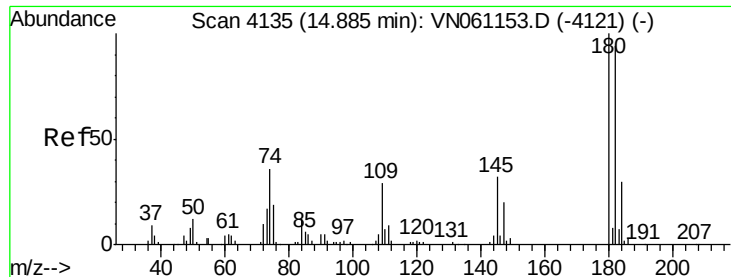


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

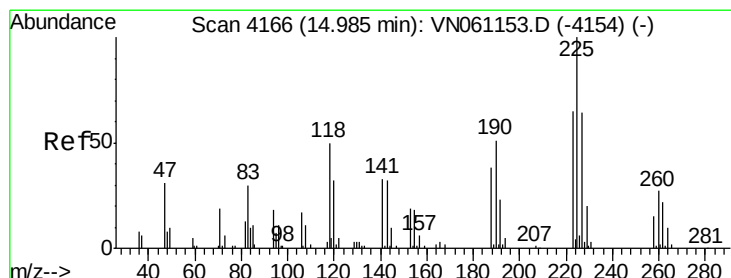
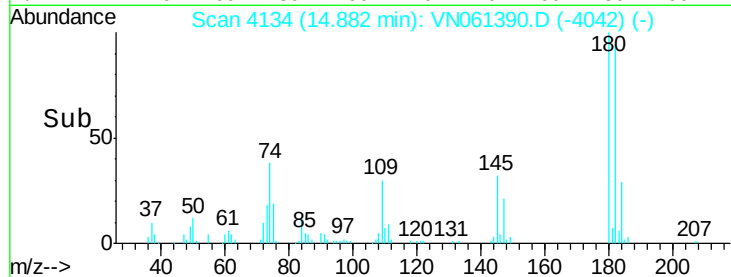
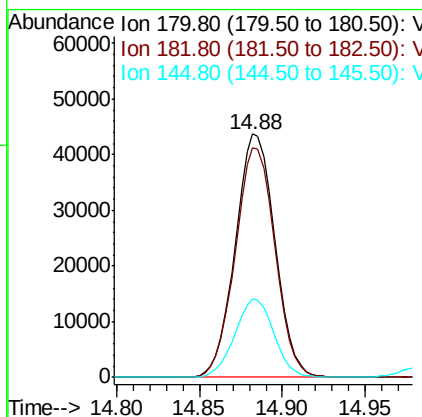
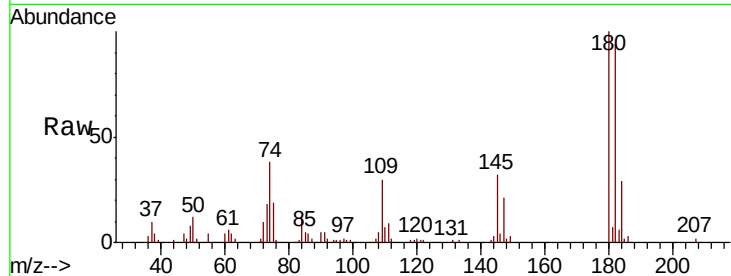




#93
 1,2,4-Trichlorobenzene
 Concen: 48.009 ug/l
 RT: 14.88 min Scan# 4134
 Delta R.T. -0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

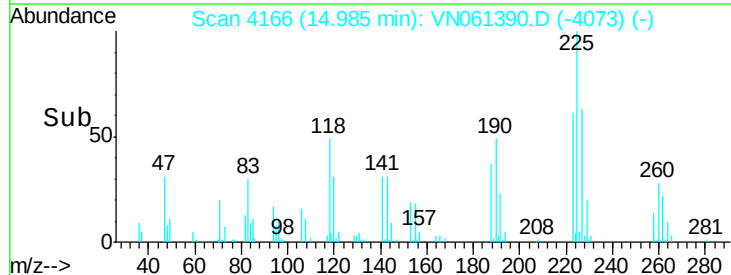
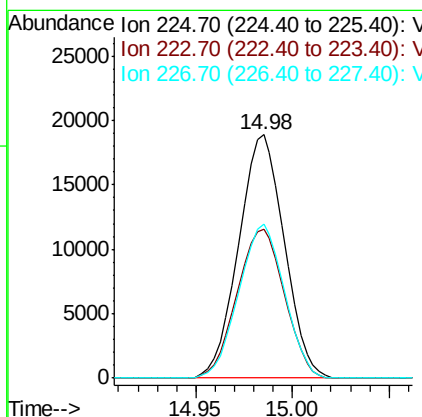
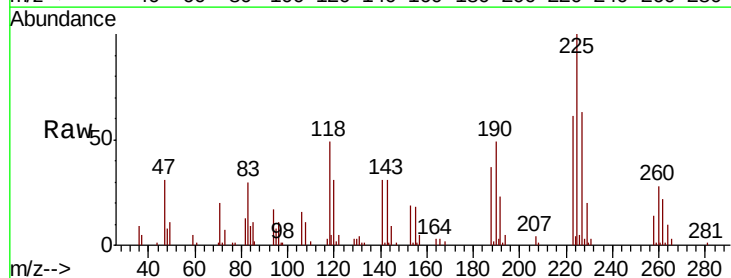
Instrument :
 MSVOA_N
 ClientSampled :

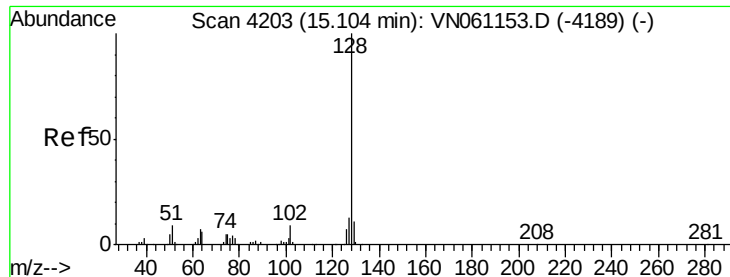
Tot Ion:180 Resp: 72739
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.3 141.9
 145 31.6 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 48.945 ug/l
 RT: 14.98 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Tgt Ion:225 Resp: 30980
 Ion Ratio Lower Upper
 225 100
 223 63.5 32.4 97.0
 227 63.2 32.4 97.0

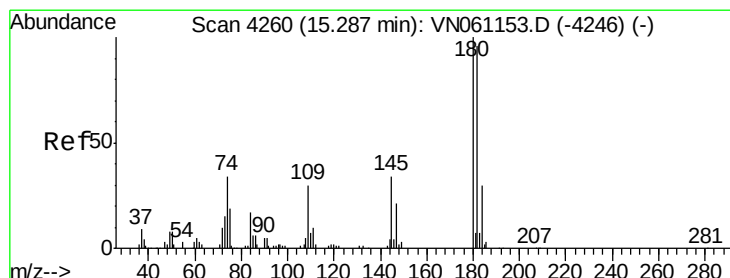
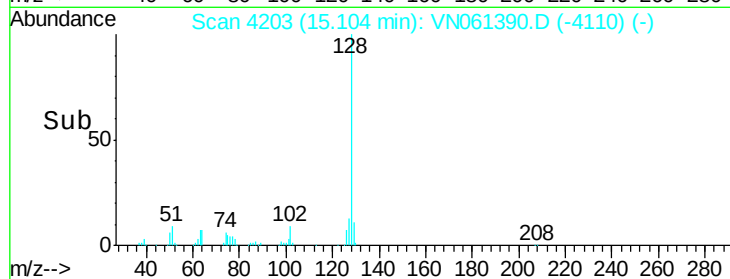
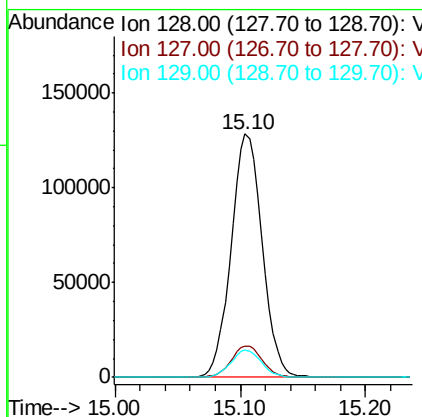
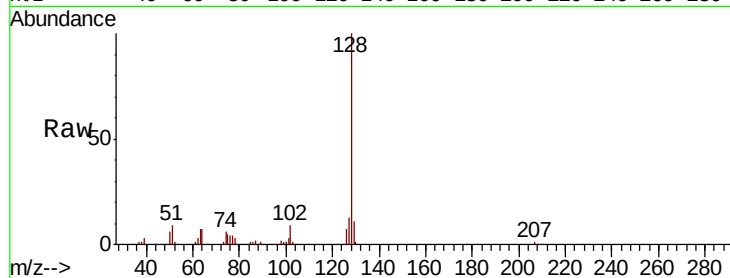




#95
Naphthalene
Concen: 44.777 ug/l
RT: 15.10 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 220940
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.155 ug/l
RT: 15.28 min Scan# 4259
Delta R.T. -0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Tgt Ion:180 Resp: 70537
Ion Ratio Lower Upper
180 100
182 95.3 47.5 142.5
145 33.5 16.9 50.7

