

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051120\
 Data File : VN061383.D
 Acq On : 11 May 2020 12:36
 Operator : JC/MD
 Sample : VN0511MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 12 02:13:08 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	92500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	155494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	146562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	68234	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	77648	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
35) Dibromofluoromethane	7.54	113	45665	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	10.06	98	198695	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
62) 4-Bromofluorobenzene	12.37	95	73454	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	17011	17.342	ug/l	99
3) Chloromethane	2.03	50	22963	19.329	ug/l	99
4) Vinyl Chloride	2.16	62	24400	18.083	ug/l	100
5) Bromomethane	2.54	94	10786	16.171	ug/l	99
6) Chloroethane	2.67	64	15341	17.938	ug/l	99
7) Trichlorofluoromethane	2.98	101	32052	21.055	ug/l	99
8) Diethyl Ether	3.37	74	13538	21.321	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	19384	19.765	ug/l	99
10) Methyl Iodide	3.91	142	19070	15.130	ug/l	99
11) Tert butyl alcohol	4.72	59	20481	104.460	ug/l	98
12) 1,1-Dichloroethene	3.69	96	17810	18.249	ug/l	99
13) Acrolein	3.56	56	8397	64.267	ug/l	98
14) Allyl chloride	4.27	41	39511	21.834	ug/l	97
15) Acrylonitrile	4.93	53	62983	104.646	ug/l	98
16) Acetone	3.77	43	59176	101.253	ug/l	98
17) Carbon Disulfide	4.01	76	39520	14.659	ug/l	97
18) Methyl Acetate	4.27	43	35954	19.875	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	72807	19.523	ug/l	99
20) Methylene Chloride	4.50	84	22335	19.570	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	19700	18.537	ug/l	99
22) Diisopropyl ether	5.90	45	86268	20.558	ug/l	95
23) Vinyl Acetate	5.84	43	332107	98.292	ug/l	100
24) 1,1-Dichloroethane	5.79	63	43322	19.759	ug/l	99
25) 2-Butanone	6.78	43	86227	99.560	ug/l	99
26) 2,2-Dichloropropane	6.77	77	35834	19.404	ug/l	100
27) cis-1,2-Dichloroethene	6.77	96	23766	19.057	ug/l	99
28) Bromochloromethane	7.15	49	24608	23.680	ug/l	96
29) Tetrahydrofuran	7.16	42	58391	100.086	ug/l	97
30) Chloroform	7.33	83	42916	19.316	ug/l	100
31) Cyclohexane	7.61	56	34247	16.084	ug/l #	93
32) 1,1,1-Trichloroethane	7.53	97	35301	18.246	ug/l	99
36) 1,1-Dichloropropene	7.75	75	29175	18.743	ug/l	99
37) Ethyl Acetate	6.88	43	36849	20.193	ug/l	99
38) Carbon Tetrachloride	7.73	117	26792	20.289	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	27637	15.832	ug/l	98
40) Benzene	8.00	78	89545	19.309	ug/l	100
41) Methacrylonitrile	7.12	41	17003	22.441	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	36216	20.615	ug/l	100
43) Isopropyl Acetate	8.12	43	59769	19.736	ug/l	100
44) Trichloroethene	8.80	130	22178	17.691	ug/l	99
45) 1,2-Dichloropropane	9.08	63	25314	20.432	ug/l	98
46) Dibromomethane	9.17	93	15674	20.433	ug/l	99
47) Bromodichloromethane	9.37	83	34089	20.704	ug/l	98
48) Methyl methacrylate	9.17	41	26407	19.323	ug/l	99
49) 1,4-Dioxane	9.17	88	6776	436.803	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	183588	102.988	ug/l	99
52) Toluene	10.12	92	54065	19.356	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	36225	19.526	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	38846	19.805	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	22518	20.211	ug/l	97
56) Ethyl methacrylate	10.40	69	32662	18.633	ug/l	98
57) 1,3-Dichloropropane	10.68	76	40648	20.756	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	84784	94.012	ug/l	98
59) 2-Hexanone	10.72	43	129875	100.144	ug/l	100
60) Dibromochloromethane	10.87	129	23352	20.012	ug/l	100
61) 1,2-Dibromoethane	10.98	107	21835	19.553	ug/l	99
64) Tetrachloroethene	10.60	164	21010	16.551	ug/l	99
65) Chlorobenzene	11.41	112	55474	19.081	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	20797	19.987	ug/l	99
67) Ethyl Benzene	11.48	91	99555	18.292	ug/l	100
68) m/p-Xylenes	11.59	106	72818	36.554	ug/l	98
69) o-Xylene	11.92	106	34075	17.807	ug/l	97
70) Styrene	11.94	104	59138	18.465	ug/l	99
71) Bromoform	12.10	173	15297	20.003	ug/l #	100
73) Isopropylbenzene	12.22	105	93429	18.625	ug/l	100
74) N-amyl acetate	12.04	43	47204	18.584	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	33424	21.369	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	44709	31.079	ug/l #	100
77) Bromobenzene	12.50	156	22286	19.246	ug/l	94
78) n-propylbenzene	12.56	91	112156	18.850	ug/l	99
79) 2-Chlorotoluene	12.65	91	67571	19.322	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	78328	18.866	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	11074	19.549	ug/l	96
82) 4-Chlorotoluene	12.75	91	71010	19.266	ug/l	98
83) tert-Butylbenzene	12.97	119	63822	18.231	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	79465	18.578	ug/l	99
85) sec-Butylbenzene	13.15	105	85746	17.965	ug/l	98
86) p-Isopropyltoluene	13.26	119	75227	17.494	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	41572	19.502	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	41795	19.189	ug/l	98
89) n-Butylbenzene	13.59	91	68004	17.250	ug/l	99
90) Hexachloroethane	13.85	117	10600	27.654	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	40310	19.721	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	6453	19.534	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue May 05 07:01:08 2020
Response via : Initial Calibration

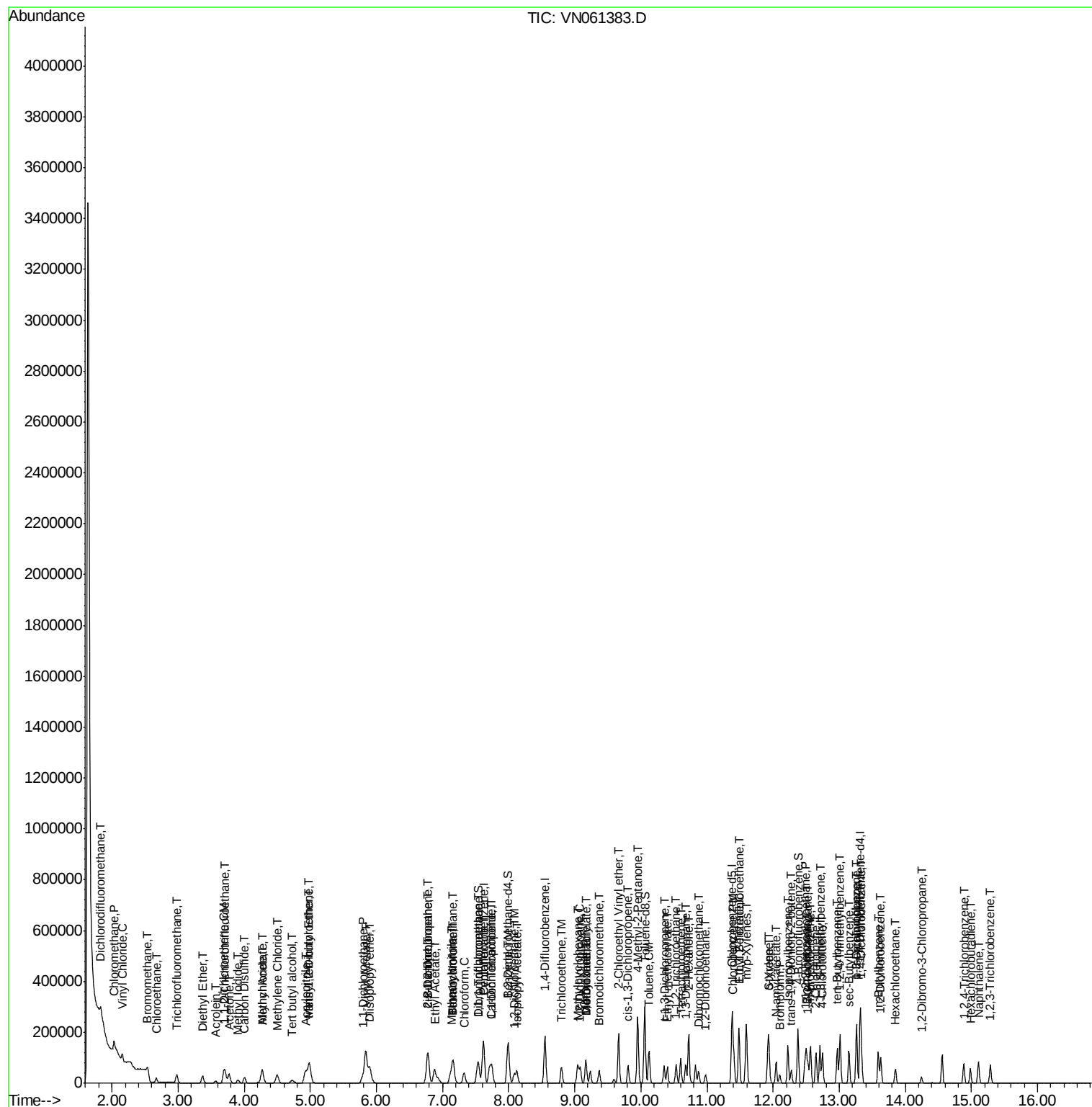
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	22390	17.989	ug/l	100
94) Hexachlorobutadiene	14.99	225	10482	20.158	ug/l	98
95) Naphthalene	15.11	128	68380	16.869	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	22353	18.190	ug/l	99

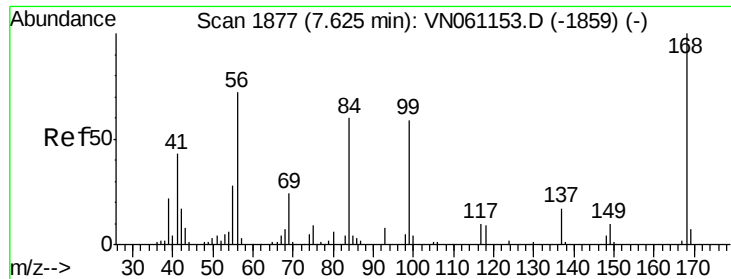
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Instrument :

MSVOA_N

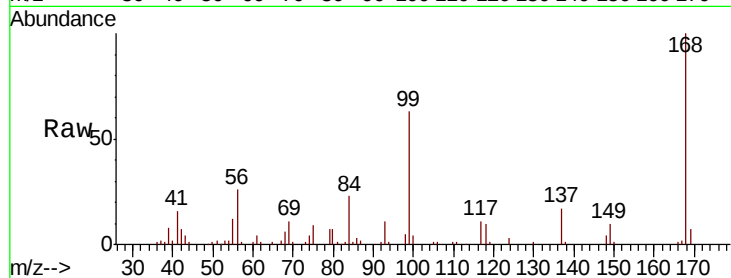
ClientSampleId :

Tot Ion:168 Resp: 92500

Ion Ratio Lower Upper

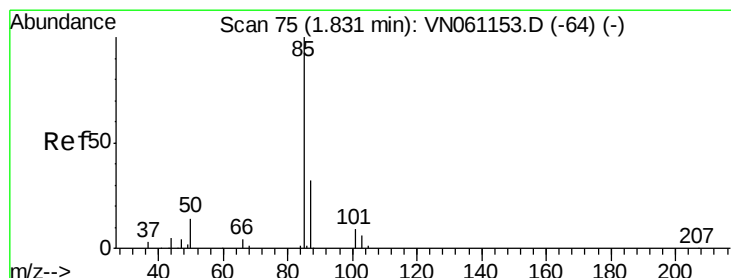
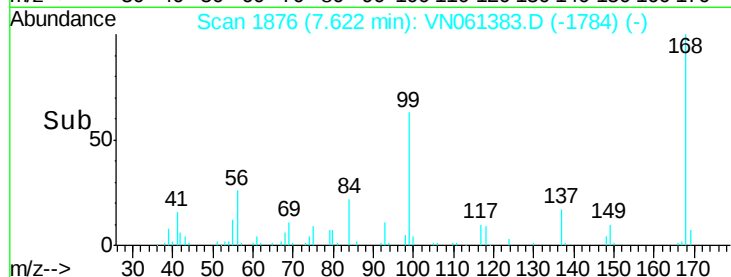
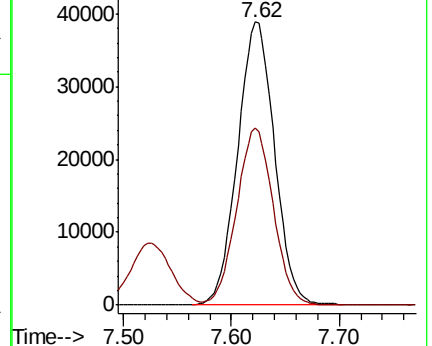
168 100

99 62.5 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 17.342 ug/l

RT: 1.83 min Scan# 74

Delta R.T. -0.00 min

Lab File: VN061383.D

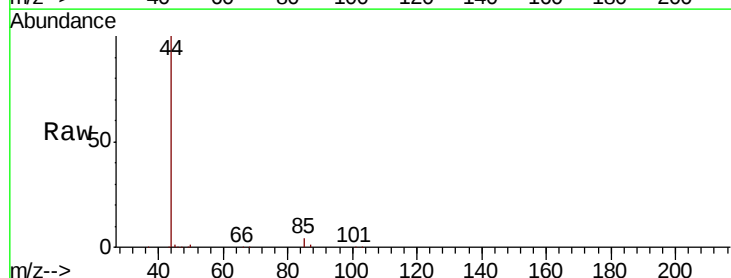
Acq: 11 May 2020 12:36

Tgt Ion: 85 Resp: 17011

Ion Ratio Lower Upper

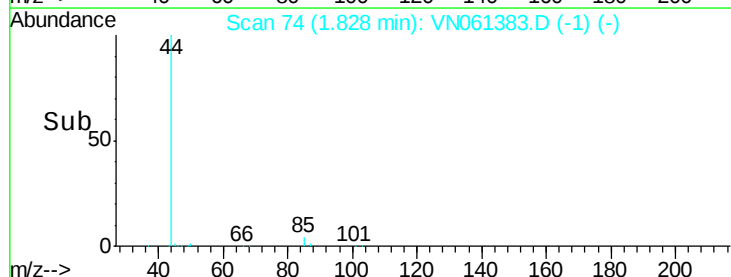
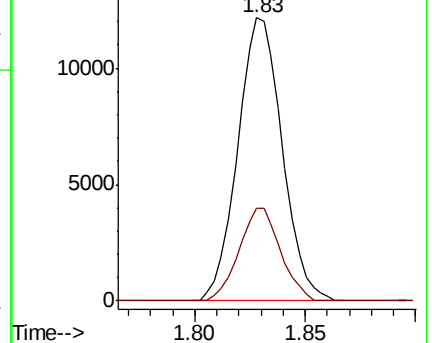
85 100

87 32.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 19.329 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Instrument :

MSVOA_N

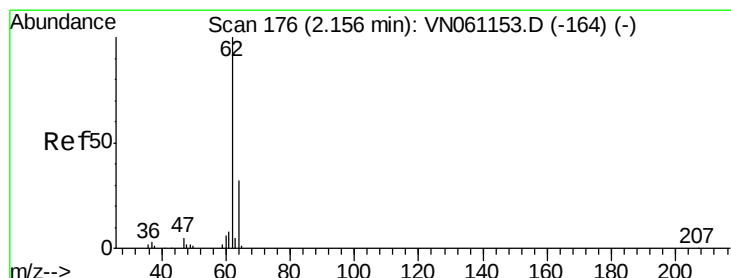
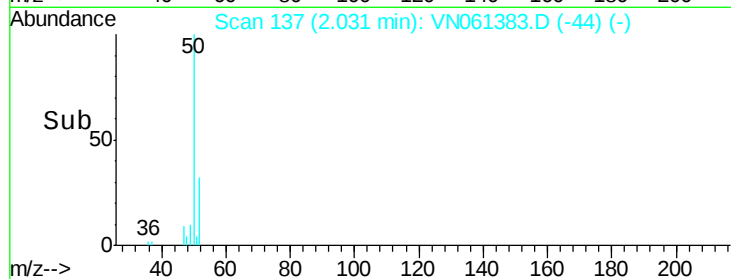
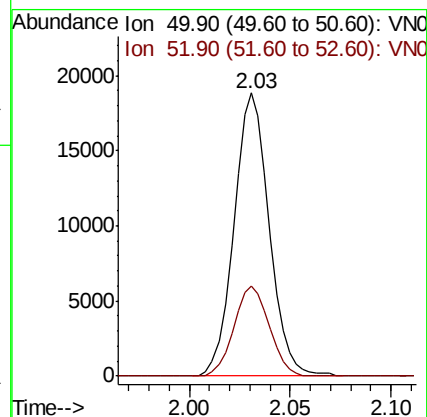
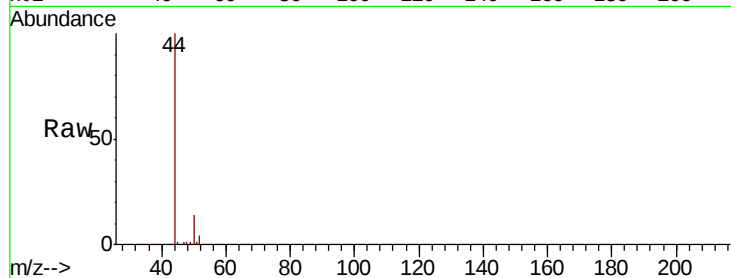
ClientSampled :

Tot Ion: 50 Resp: 22963

Ion Ratio Lower Upper

50 100

52 31.8 26.0 39.0



#4

Vinyl Chloride

Concen: 18.083 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061383.D

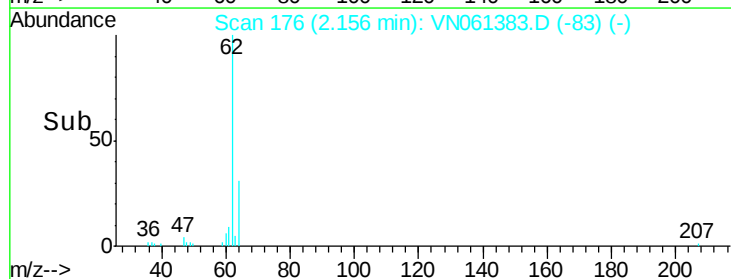
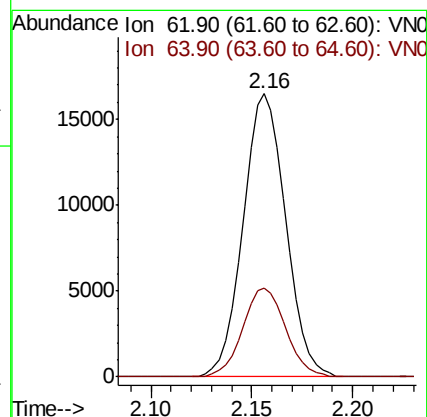
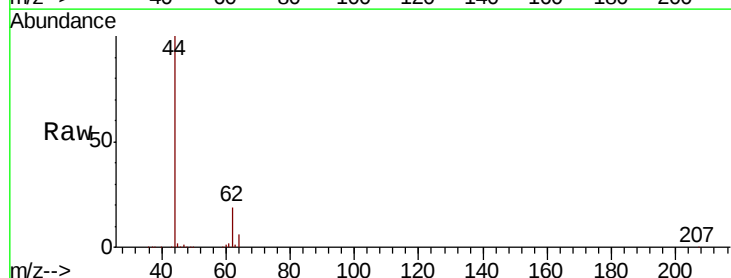
Acq: 11 May 2020 12:36

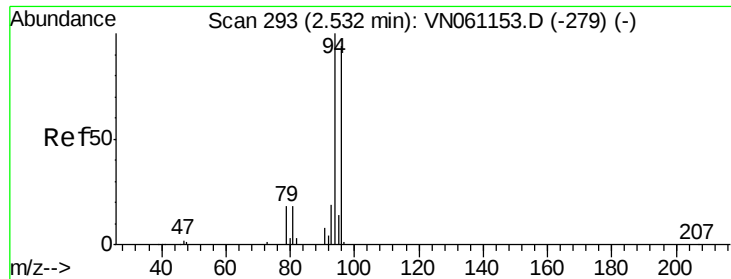
Tgt Ion: 62 Resp: 24400

Ion Ratio Lower Upper

62 100

64 31.4 25.2 37.8





#5

Bromomethane

Concen: 16.171 ug/l

RT: 2.54 min Scan# 294

Delta R.T. 0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Instrument :

MSVOA_N

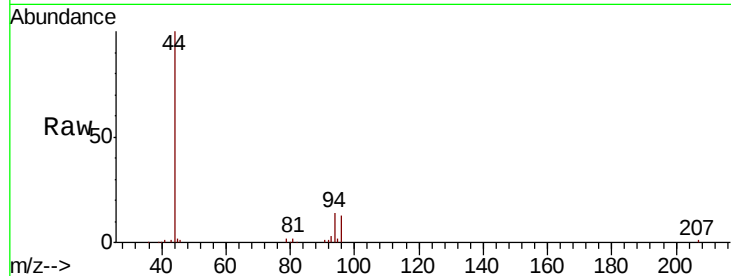
ClientSampleId :

Tot Ion: 94 Resp: 10786

Ion Ratio Lower Upper

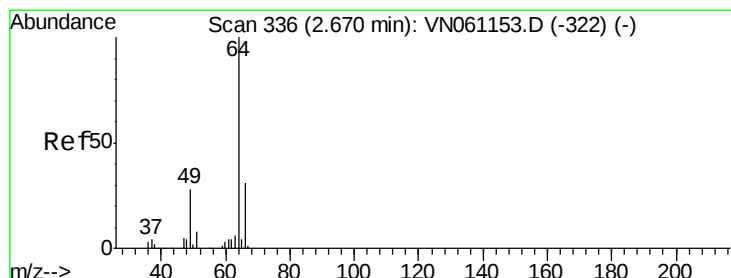
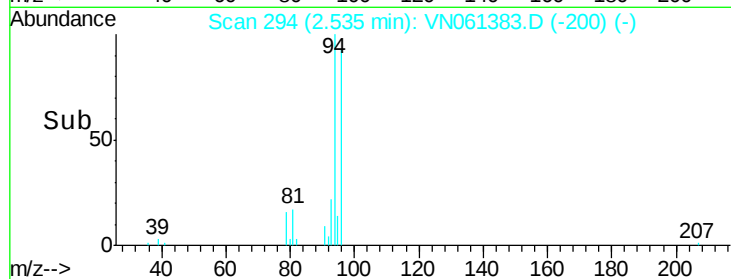
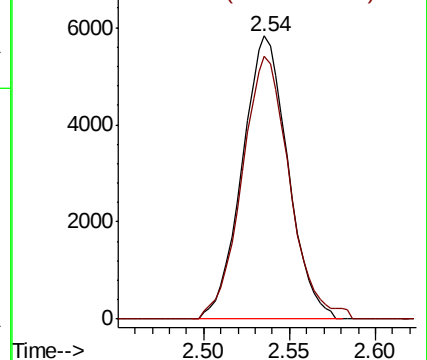
94 100

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: 17.938 ug/l

RT: 2.67 min Scan# 336

Delta R.T. 0.00 min

Lab File: VN061383.D

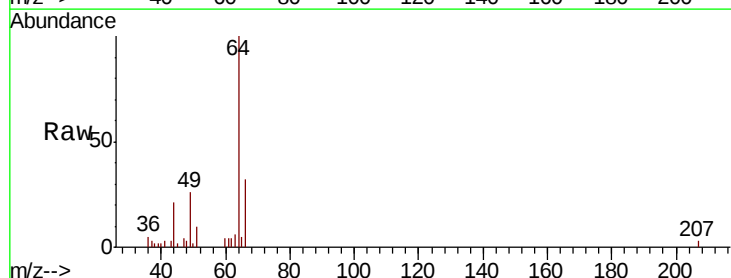
Acq: 11 May 2020 12:36

Tgt Ion: 64 Resp: 15341

Ion Ratio Lower Upper

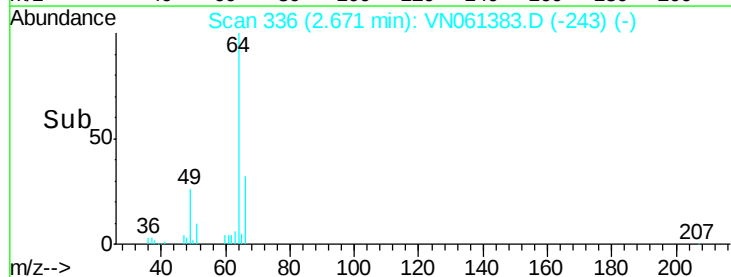
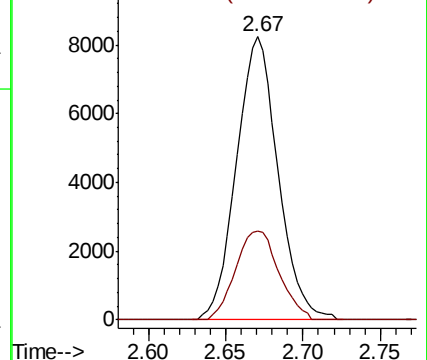
64 100

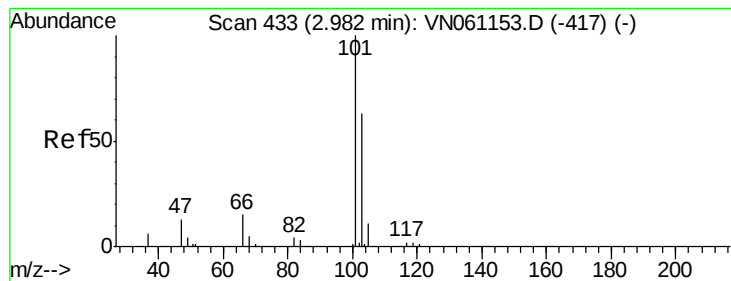
66 31.5 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



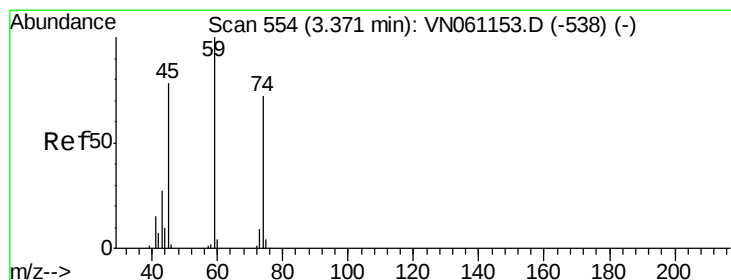
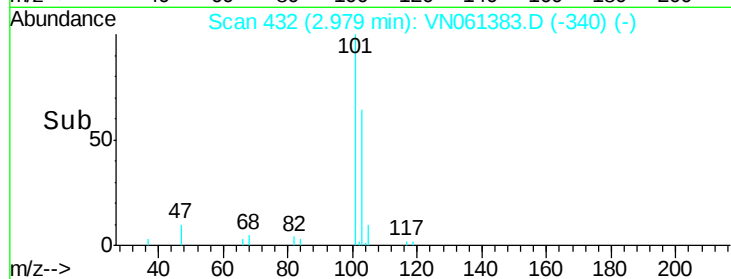
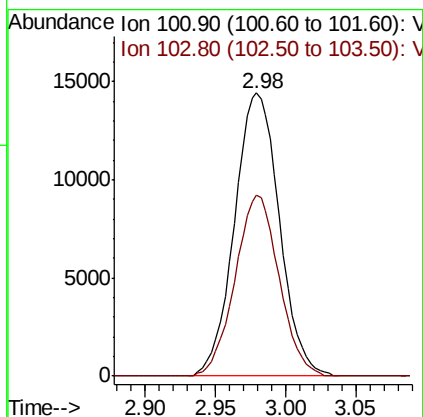
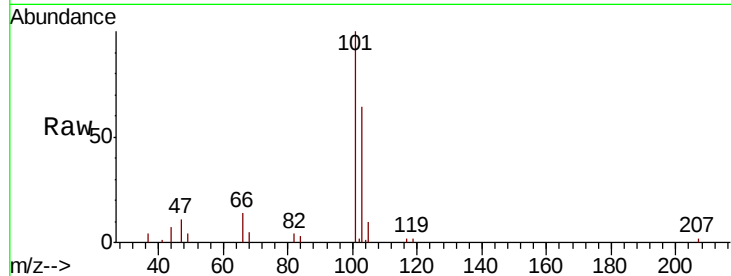


#7

Trichlorofluoromethane
 Concen: 21.055 ug/l
 RT: 2.98 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :

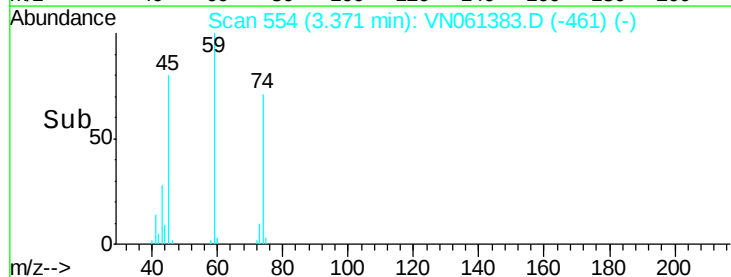
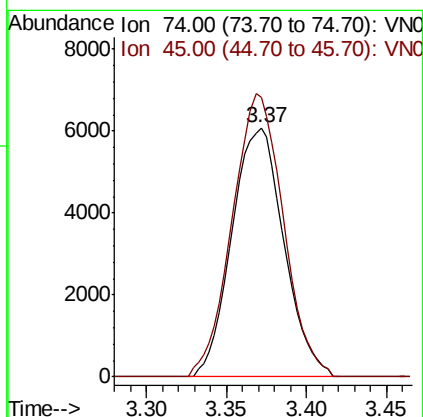
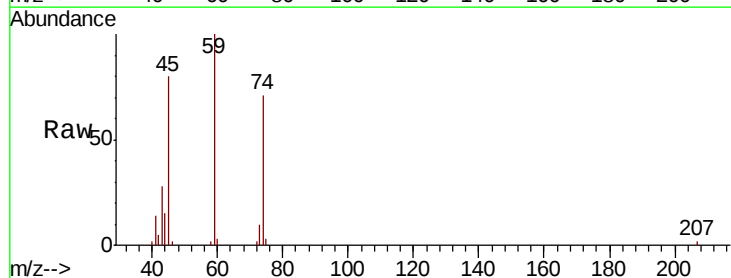
Tot Ion:101 Resp: 32052
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.6 76.0

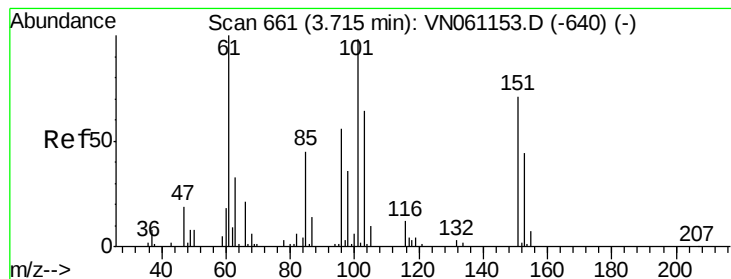


#8

Diethyl Ether
 Concen: 21.321 ug/l
 RT: 3.37 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Tgt Ion: 74 Resp: 13538
 Ion Ratio Lower Upper
 74 100
 45 111.5 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.765 ug/l

RT: 3.71 min Scan# 660

Delta R.T. -0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

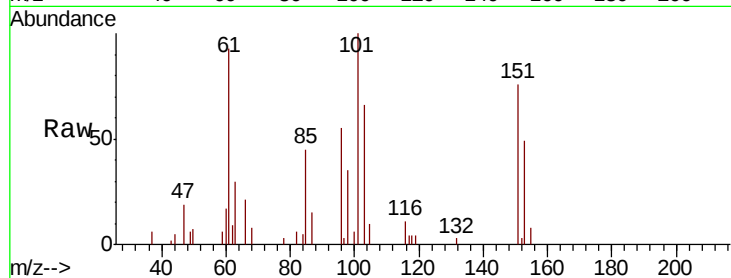
Tot Ion:101 Resp: 19384

Ion Ratio Lower Upper

101 100

85 46.2 37.2 55.8

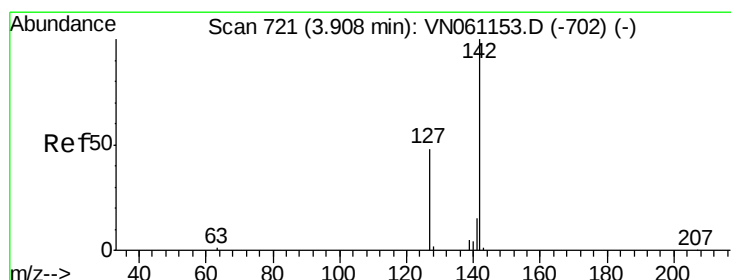
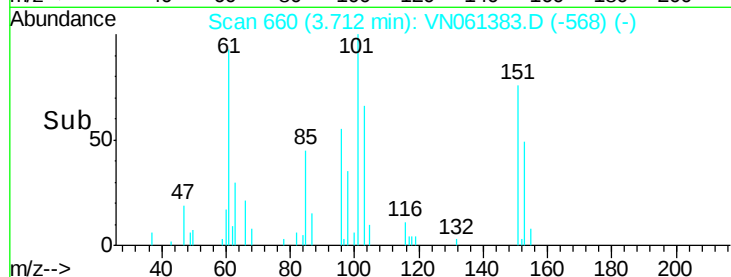
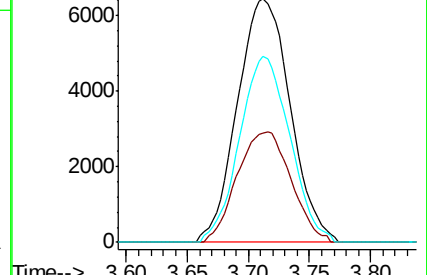
151 72.7 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.130 ug/l

RT: 3.91 min Scan# 720

Delta R.T. -0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

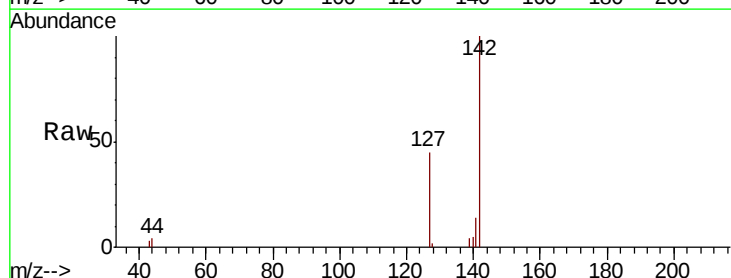
Tgt Ion:142 Resp: 19070

Ion Ratio Lower Upper

142 100

127 46.9 38.0 57.0

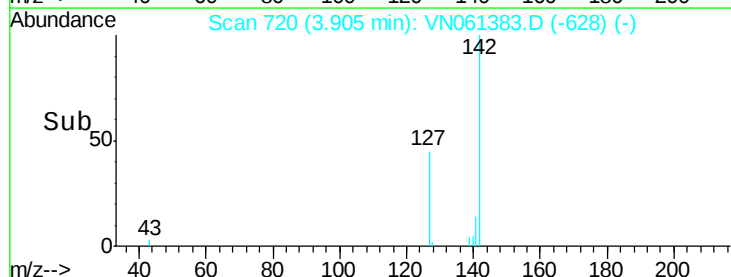
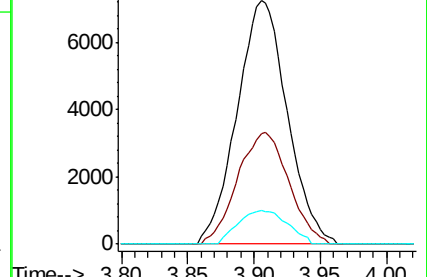
141 13.6 11.7 17.5

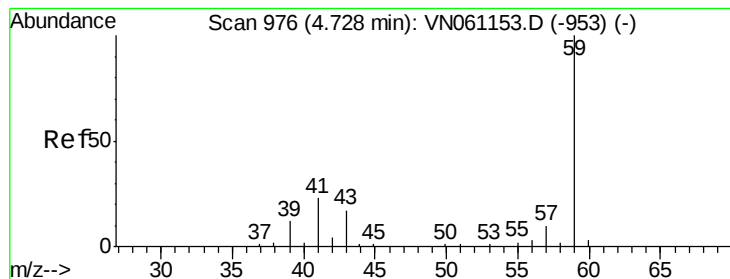


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



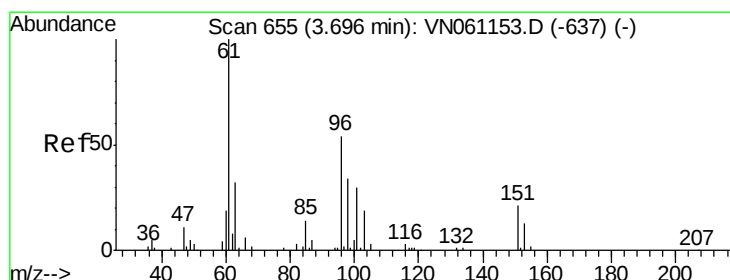
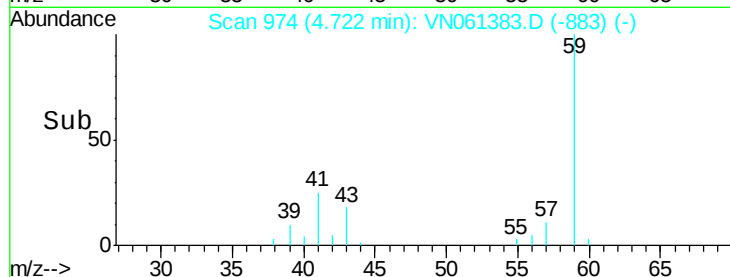
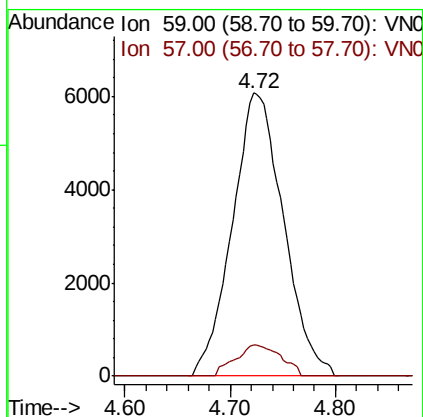
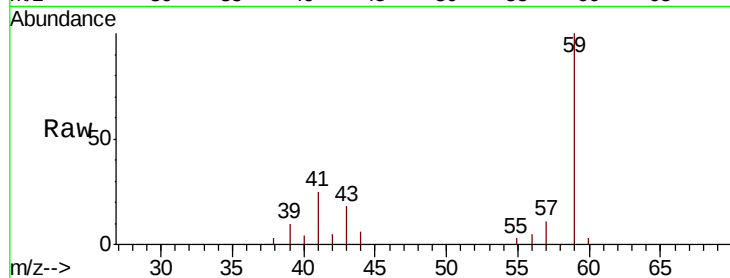


#11

Tert butyl alcohol
 Concen: 104.460 ug/l
 RT: 4.72 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Instrument :
 MSVOA_N
 ClientSampled :

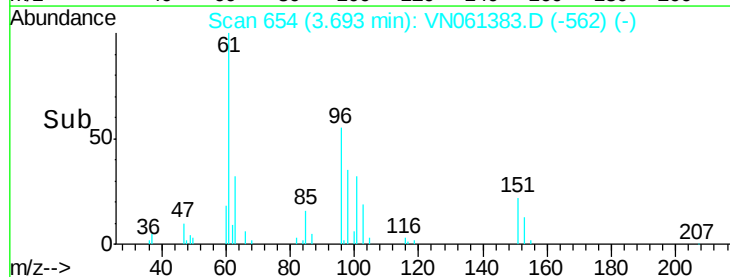
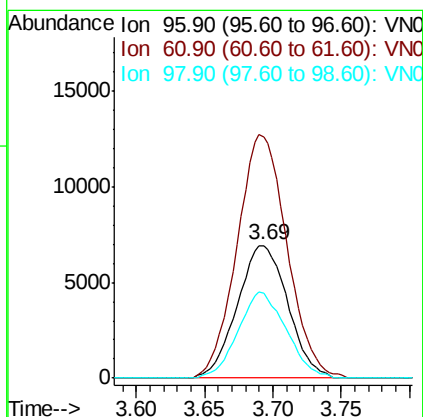
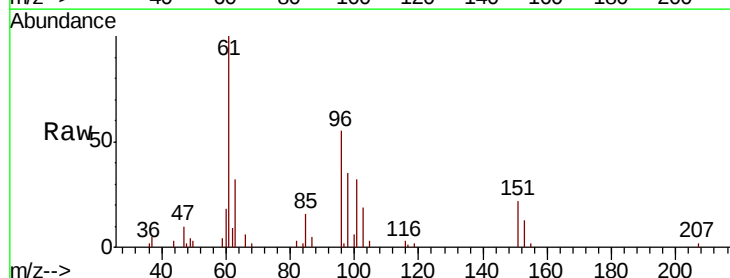
Tot Ion: 59 Resp: 20481
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.3 12.5

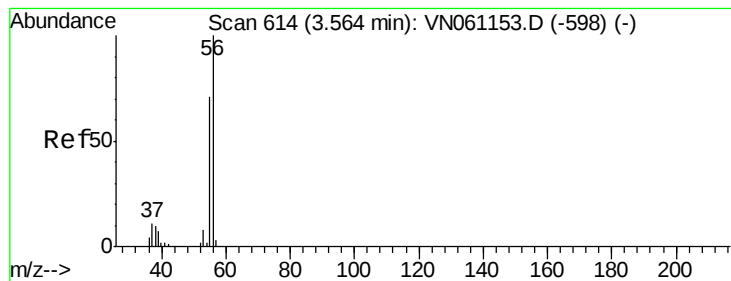


#12

1,1-Dichloroethene
 Concen: 18.249 ug/l
 RT: 3.69 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Tgt Ion: 96 Resp: 17810
 Ion Ratio Lower Upper
 96 100
 61 182.3 147.0 220.6
 98 63.7 49.8 74.6





#13

Acrolein

Concen: 64.267 ug/l

RT: 3.56 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Instrument :

MSVOA_N

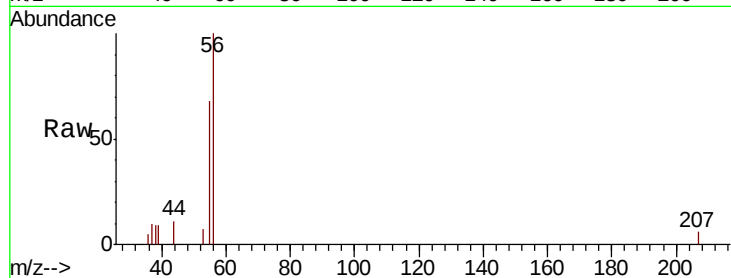
ClientSampleId :

Tot Ion: 56 Resp: 8397

Ion Ratio Lower Upper

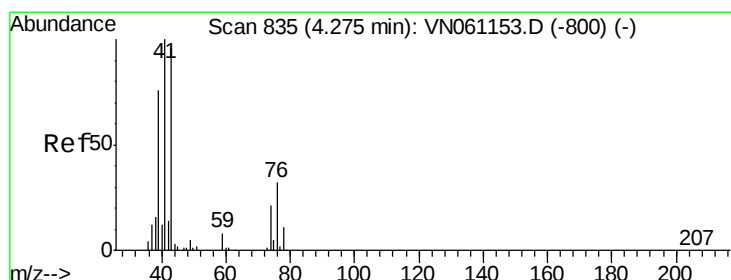
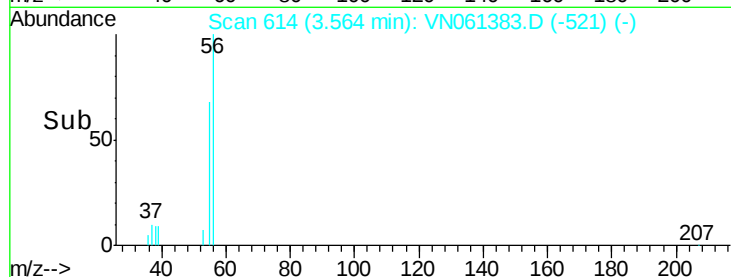
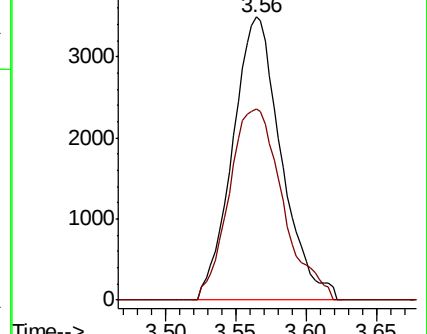
56 100

55 74.5 58.5 87.7



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

Ion 55.00 (54.70 to 55.70): VN061153.D (-598) (-)



#14

Allyl chloride

Concen: 21.834 ug/l

RT: 4.27 min Scan# 834

Delta R.T. -0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

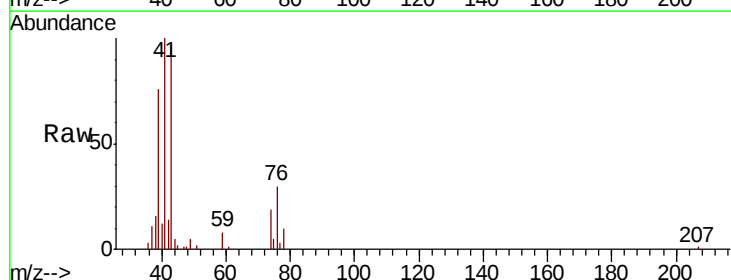
Tgt Ion: 41 Resp: 39511

Ion Ratio Lower Upper

41 100

39 69.1 57.1 85.7

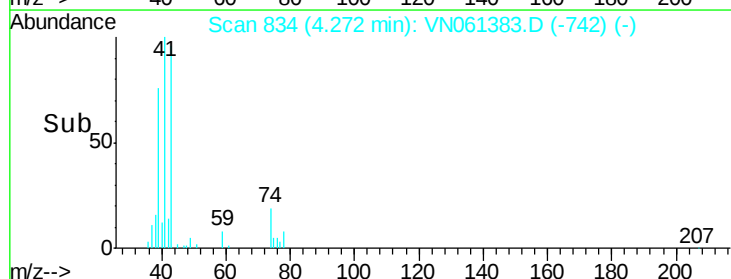
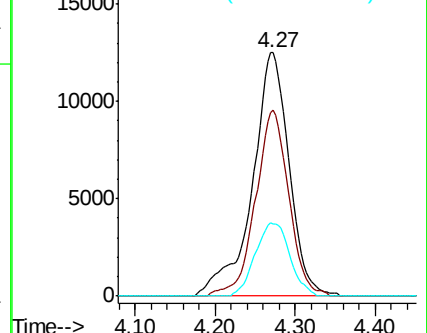
76 28.0 24.3 36.5



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

Ion 39.00 (38.70 to 39.70): VN061153.D (-800) (-)

Ion 75.90 (75.60 to 76.60): VN061153.D (-800) (-)





#15

Acrylonitrile

Concen: 104.646 ug/l

RT: 4.93 min Scan# 1038

Delta R.T. -0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

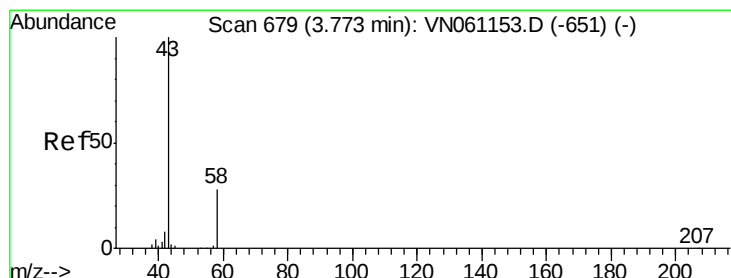
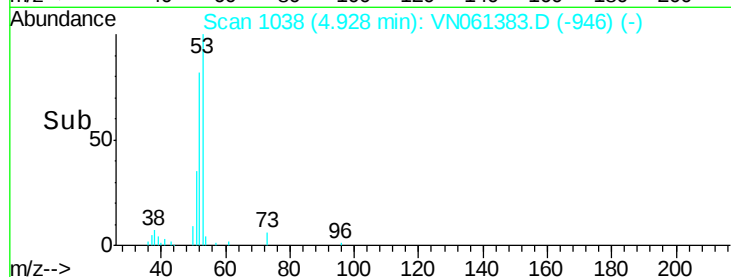
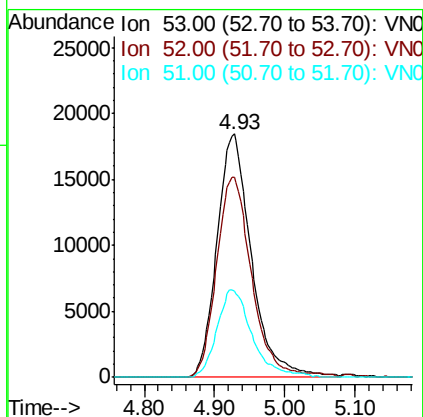
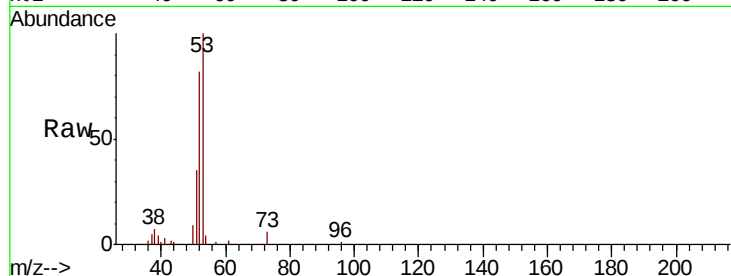
Tot Ion: 53 Resp: 62983

Ion Ratio Lower Upper

53 100

52 83.2 65.4 98.0

51 36.2 29.5 44.3



#16

Acetone

Concen: 101.253 ug/l

RT: 3.77 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN061383.D

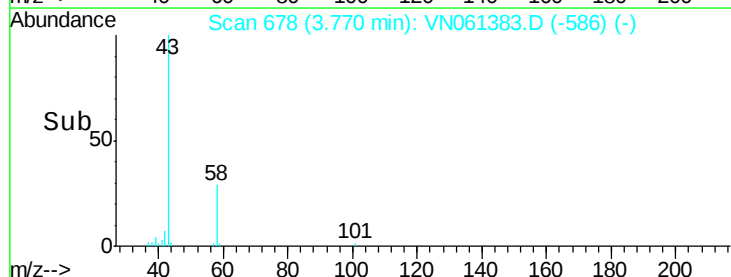
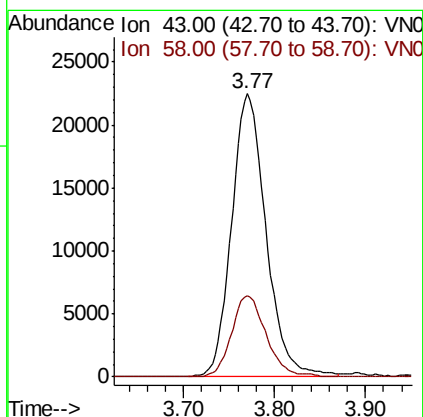
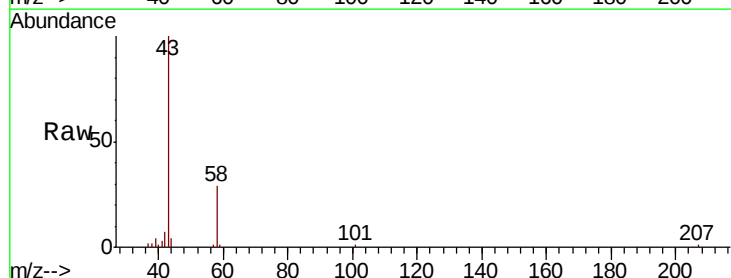
Acq: 11 May 2020 12:36

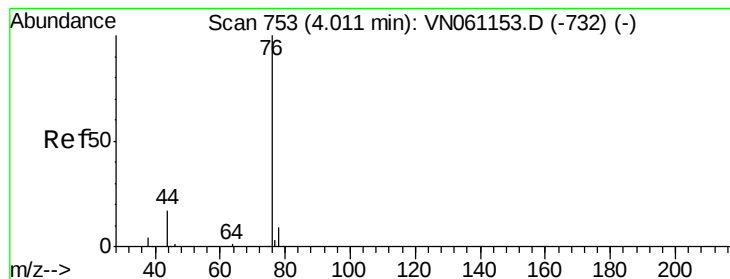
Tgt Ion: 43 Resp: 59176

Ion Ratio Lower Upper

43 100

58 28.7 22.2 33.2





#17

Carbon Disulfide

Concen: 14.659 ug/l

RT: 4.01 min Scan# 752

Delta R.T. -0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Instrument :

MSVOA_N

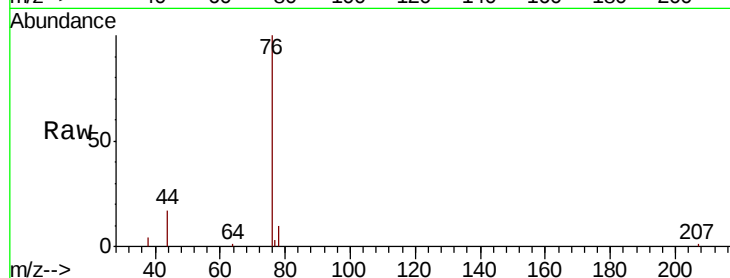
ClientSampleId :

Tot Ion: 76 Resp: 39520

Ion Ratio Lower Upper

76 100

78 9.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN061153.D (-732) (-)

Ion 77.90 (77.60 to 78.60): VN061153.D (-732) (-)

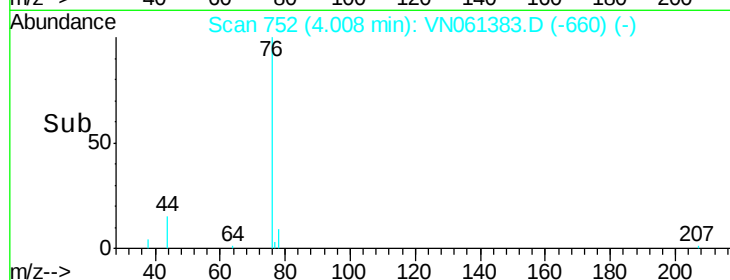
15000

10000

5000

0

Time-->



Abundance Ion 75.90 (75.60 to 76.60): VN061383.D (-660) (-)

Ion 77.90 (77.60 to 78.60): VN061383.D (-660) (-)

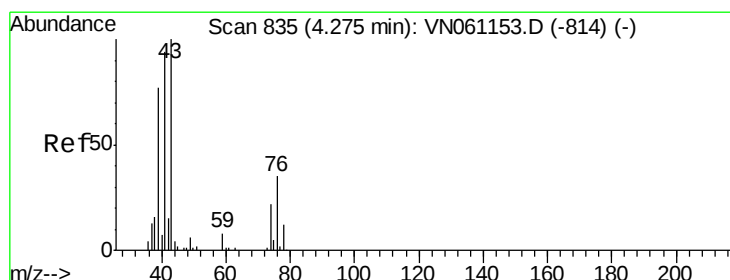
15000

10000

5000

0

Time-->



#18

Methyl Acetate

Concen: 19.875 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061383.D

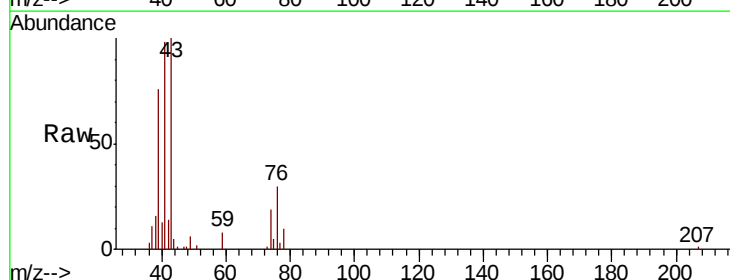
Acq: 11 May 2020 12:36

Tgt Ion: 43 Resp: 35954

Ion Ratio Lower Upper

43 100

74 20.1 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-814) (-)

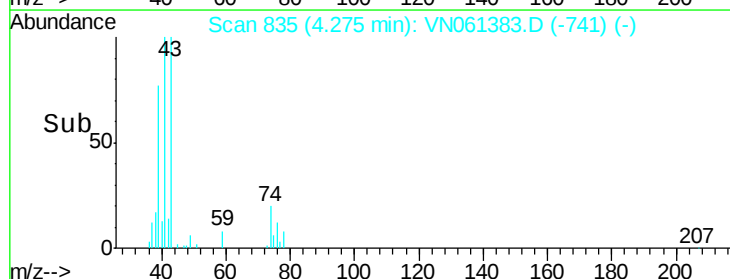
Ion 74.00 (73.70 to 74.70): VN061153.D (-814) (-)

10000

5000

0

Time-->



Abundance Ion 43.00 (42.70 to 43.70): VN061383.D (-741) (-)

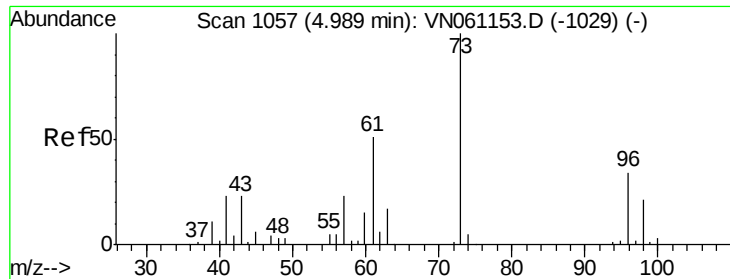
Ion 74.00 (73.70 to 74.70): VN061383.D (-741) (-)

10000

5000

0

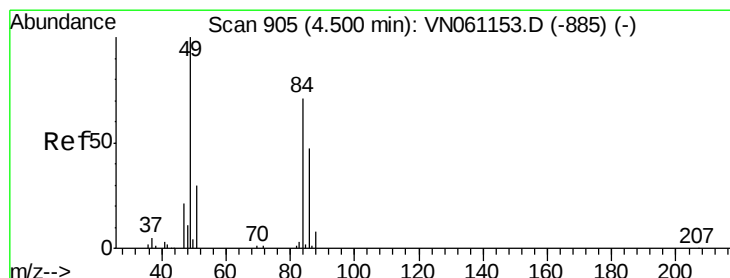
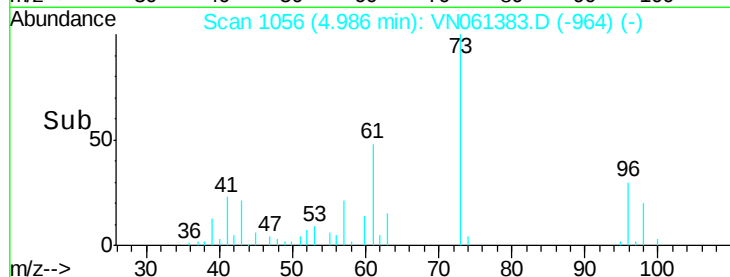
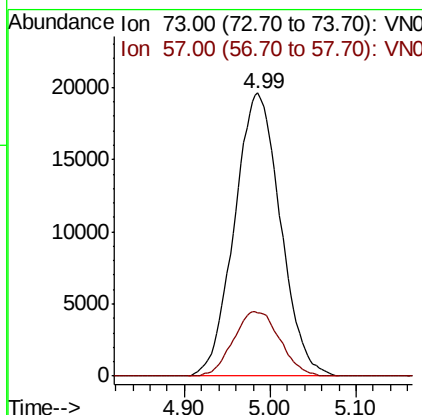
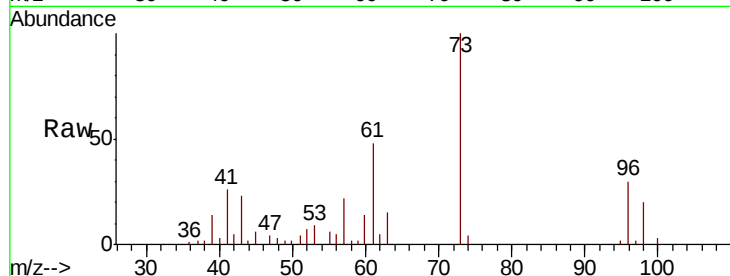
Time-->



#19
Methyl tert-butyl Ether
Concen: 19.523 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

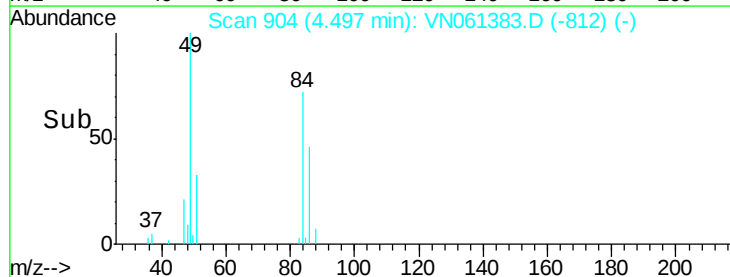
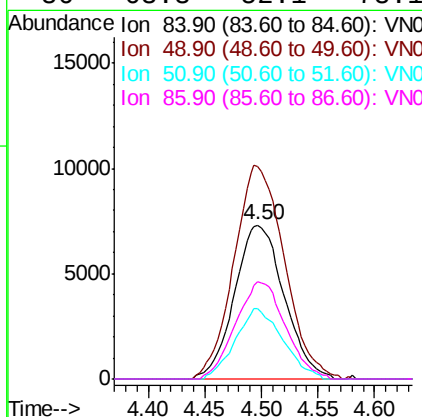
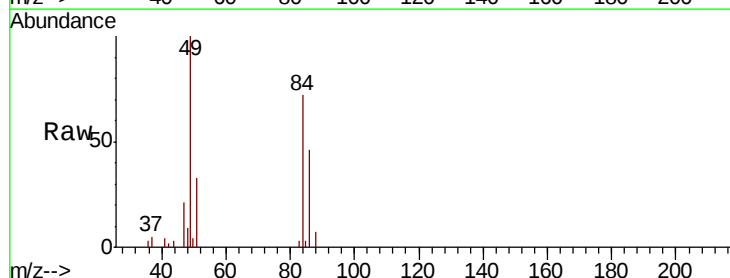
Instrument :
MSVOA_N
ClientSampled :

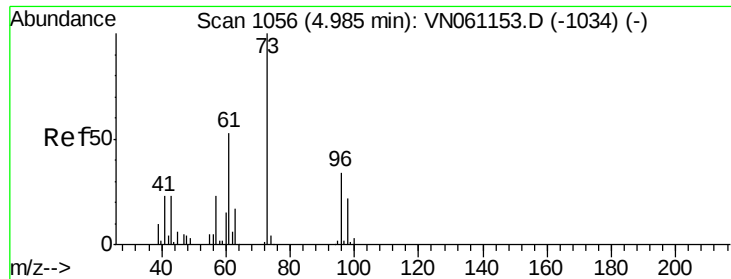
Tot Ion: 73 Resp: 72807
Ion Ratio Lower Upper
73 100
57 22.5 18.3 27.5



#20
Methylene Chloride
Concen: 19.570 ug/l
RT: 4.50 min Scan# 904
Delta R.T. -0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Tgt Ion: 84 Resp: 22335
Ion Ratio Lower Upper
84 100
49 138.5 112.0 168.0
51 45.7 33.6 50.4
86 63.3 52.1 78.1

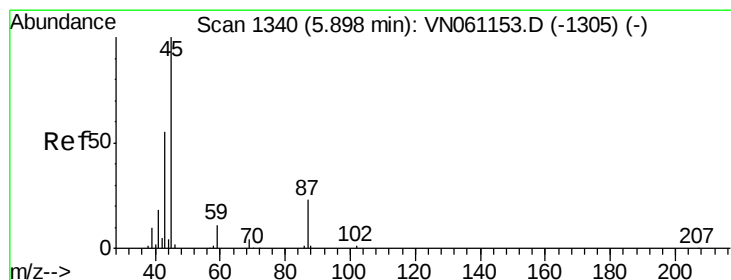
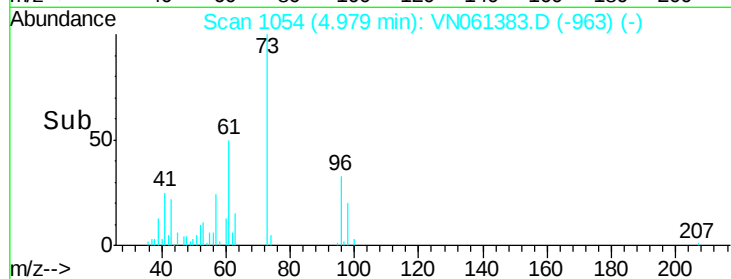
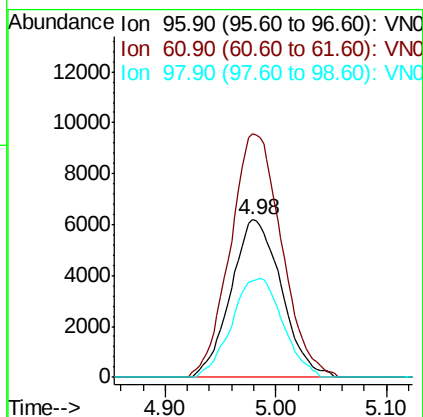
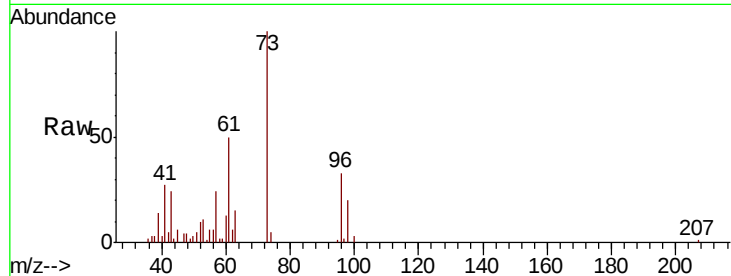




#21
trans-1,2-Dichloroethene
Concen: 18.537 ug/l
RT: 4.98 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

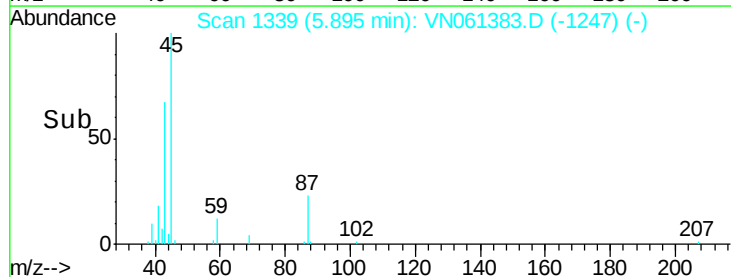
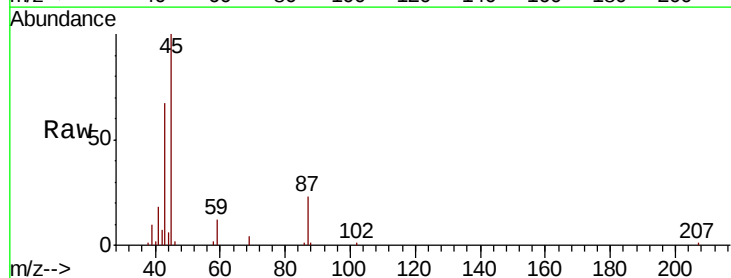
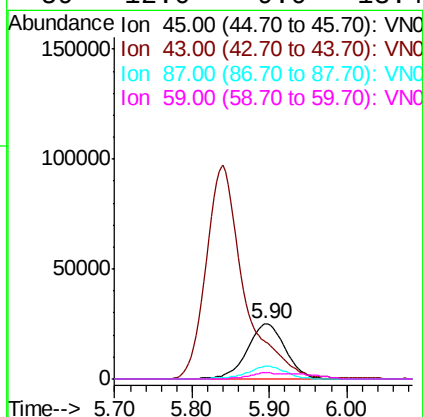
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 19700
Ion Ratio Lower Upper
96 100
61 154.3 123.0 184.4
98 61.0 50.1 75.1



#22
Diisopropyl ether
Concen: 20.558 ug/l
RT: 5.90 min Scan# 1339
Delta R.T. -0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Tgt Ion: 45 Resp: 86268
Ion Ratio Lower Upper
45 100
43 64.5 47.9 71.9
87 22.6 19.2 28.8
59 12.0 9.0 13.4

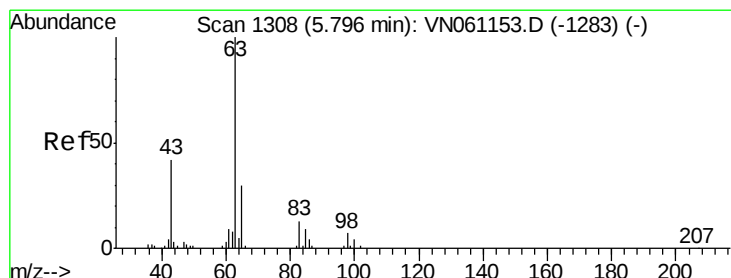
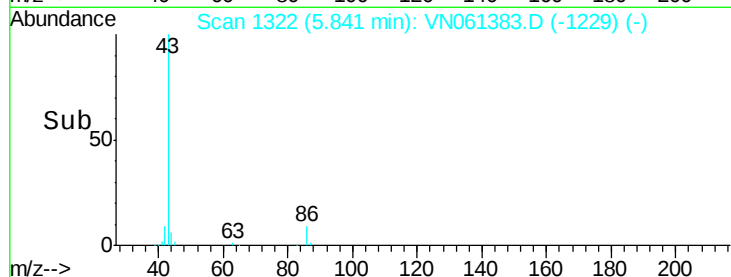
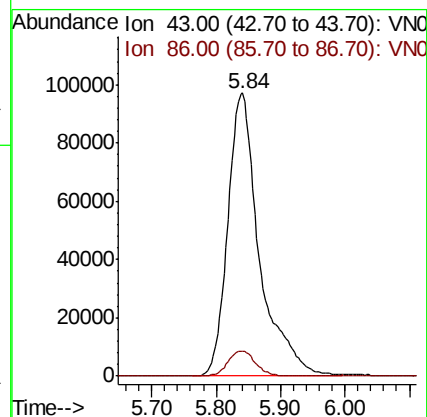
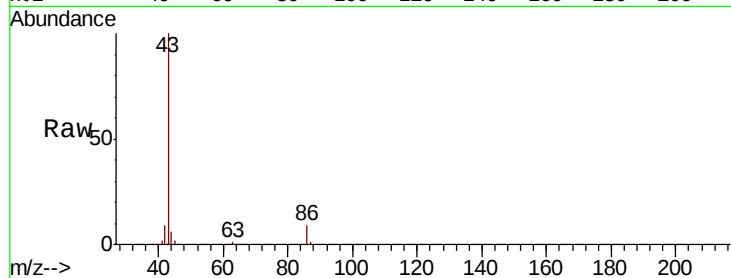




#23
 Vinyl Acetate
 Concen: 98.292 ug/l
 RT: 5.84 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

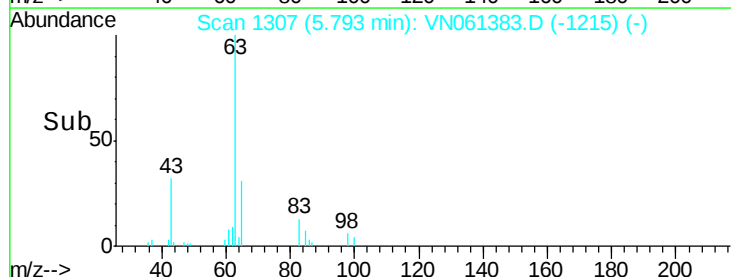
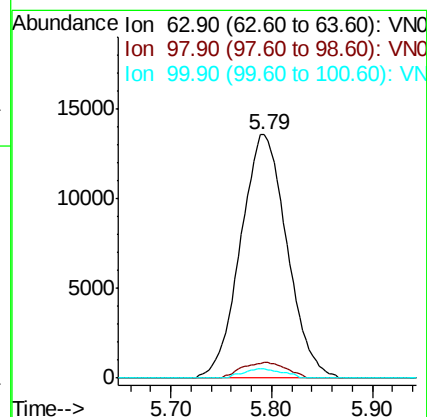
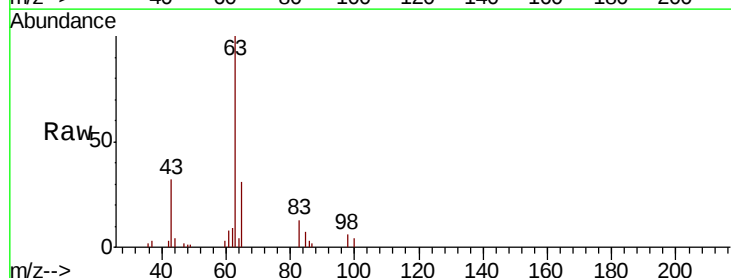
Instrument :
 MSVOA_N
 ClientSampled :

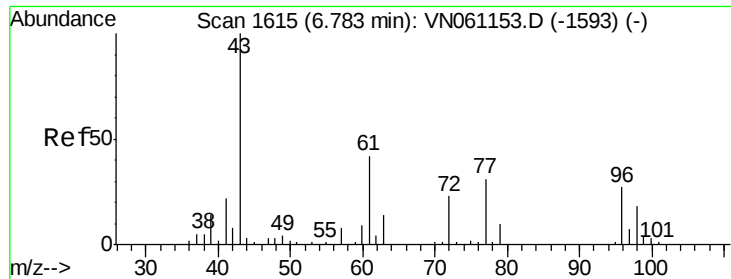
Tot Ion: 43 Resp: 332107
 Ion Ratio Lower Upper
 43 100
 86 8.8 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 19.759 ug/l
 RT: 5.79 min Scan# 1307
 Delta R.T. -0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Tgt Ion: 63 Resp: 43322
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.9
 100 3.9 1.9 5.7

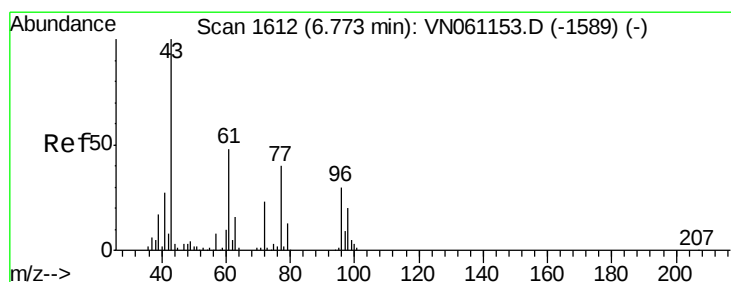
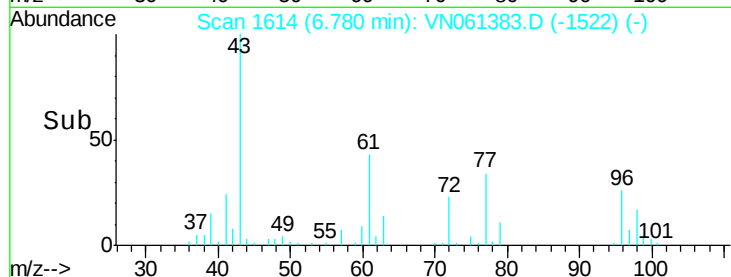
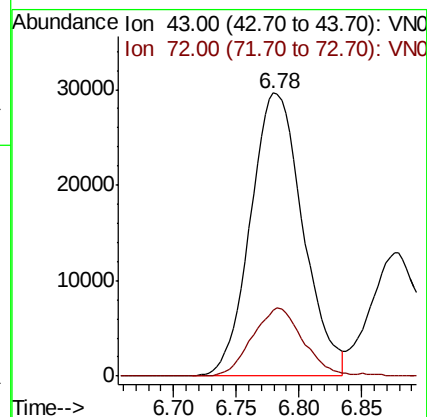
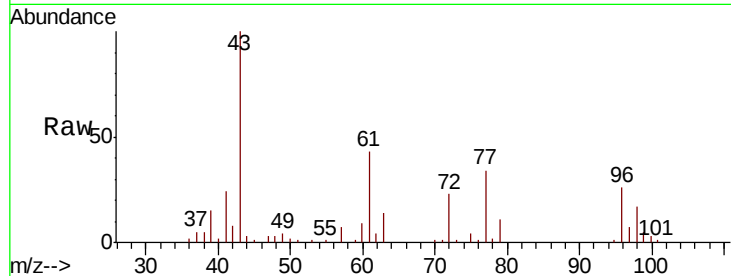




#25
2-Butanone
Concen: 99.560 ug/l
RT: 6.78 min Scan# 1614
Delta R.T. -0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

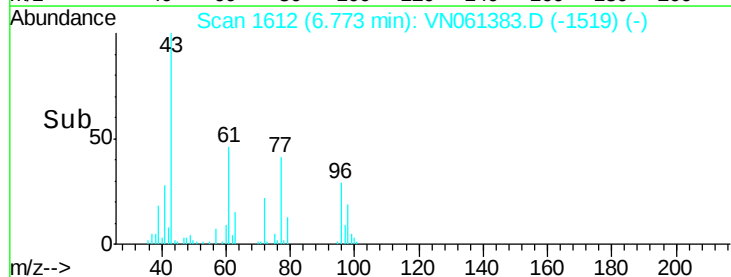
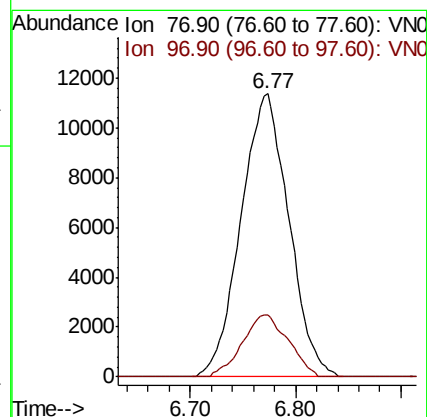
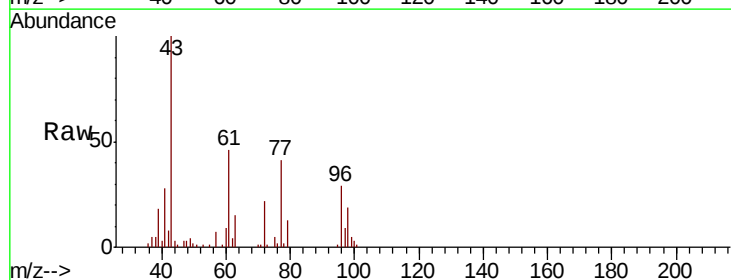
Instrument :
MSVOA_N
ClientSampled :

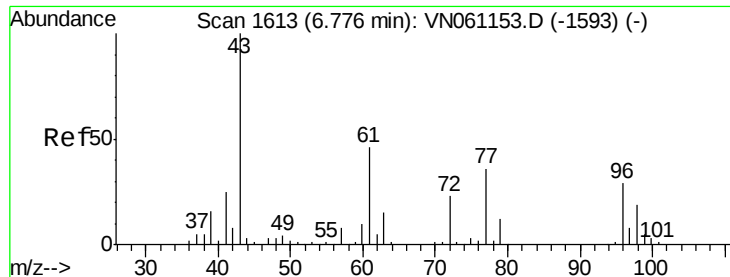
Tot Ion: 43 Resp: 86227
Ion Ratio Lower Upper
43 100
72 23.4 18.2 27.4



#26
2,2-Dichloropropane
Concen: 19.404 ug/l
RT: 6.77 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Tgt Ion: 77 Resp: 35834
Ion Ratio Lower Upper
77 100
97 21.1 10.5 31.5

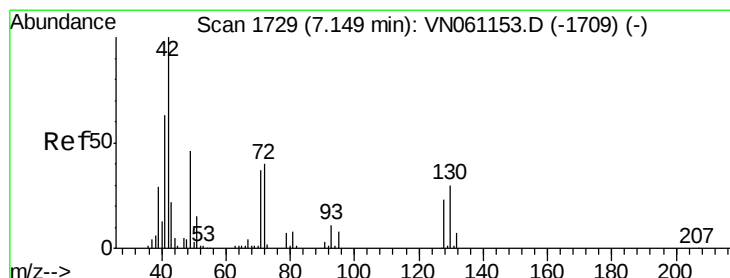
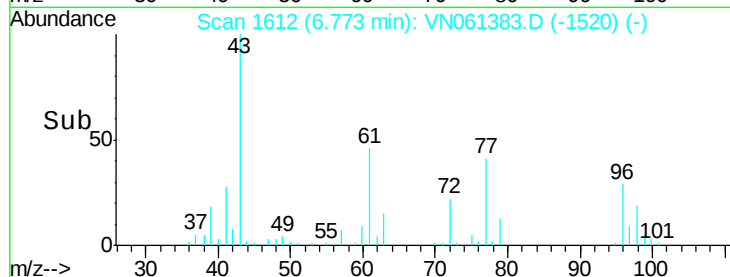
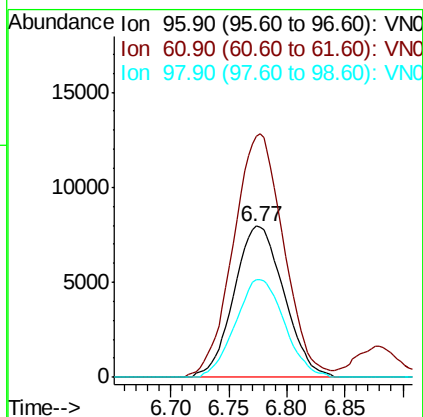
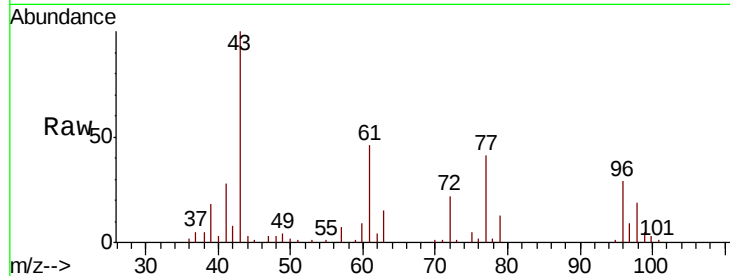




#27
 cis-1,2-Dichloroethene
 Concen: 19.057 ug/l
 RT: 6.77 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

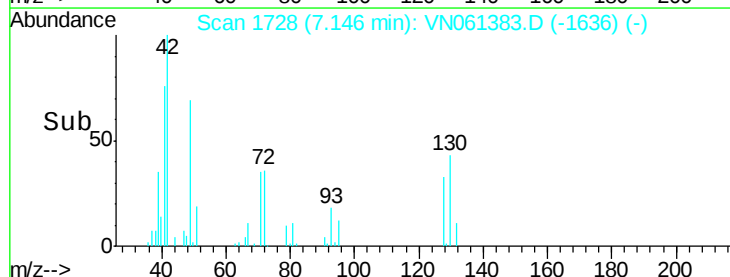
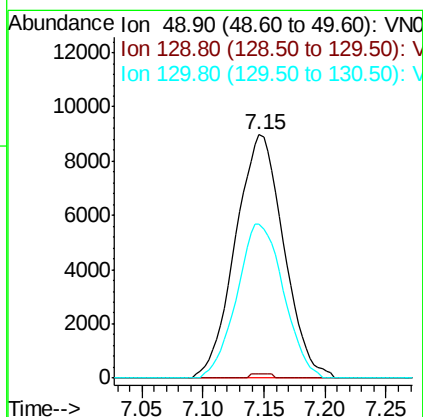
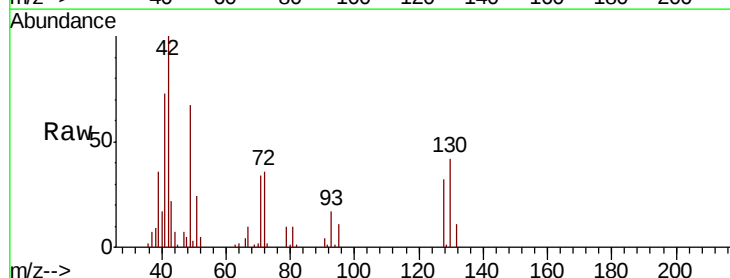
Instrument :
 MSVOA_N
 ClientSampleId :

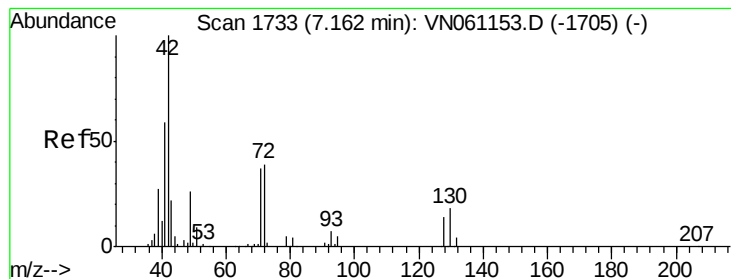
Tot Ion: 96 Resp: 23766
 Ion Ratio Lower Upper
 96 100
 61 162.2 0.0 322.0
 98 63.6 0.0 129.6



#28
 Bromochloromethane
 Concen: 23.680 ug/l
 RT: 7.15 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Tgt Ion: 49 Resp: 24608
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 3.0
 130 61.2 51.4 77.2





#29

Tetrahydrofuran

Concen: 100.086 ug/l

RT: 7.16 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Instrument :
MSVOA_N
ClientSampled :

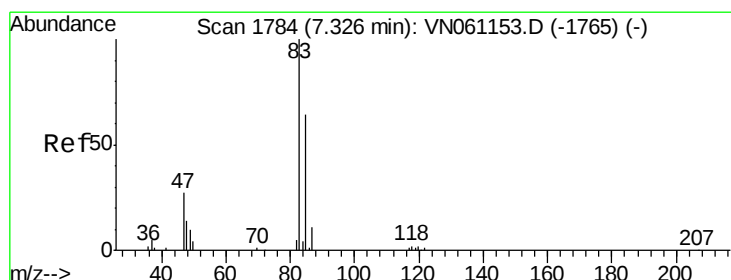
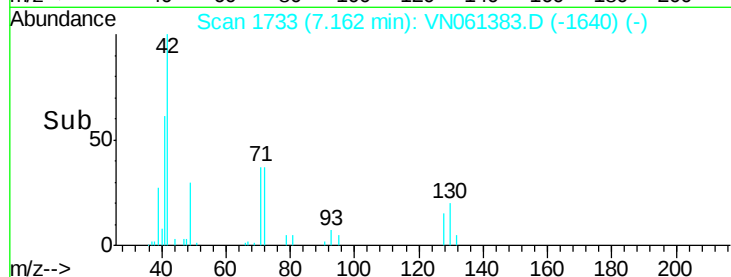
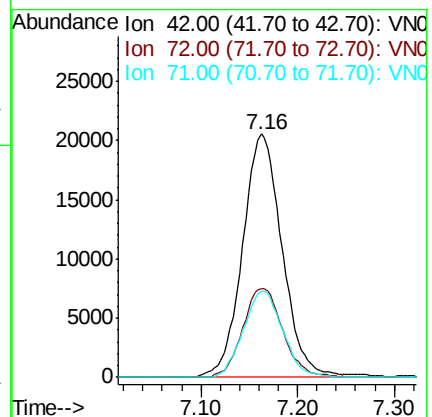
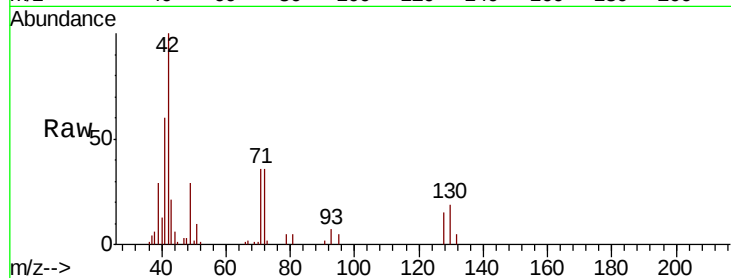
Tot Ion: 42 Resp: 58391

Ion Ratio Lower Upper

42 100

72 37.1 31.4 47.0

71 35.3 29.5 44.3



#30

Chloroform

Concen: 19.316 ug/l

RT: 7.33 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VN061383.D

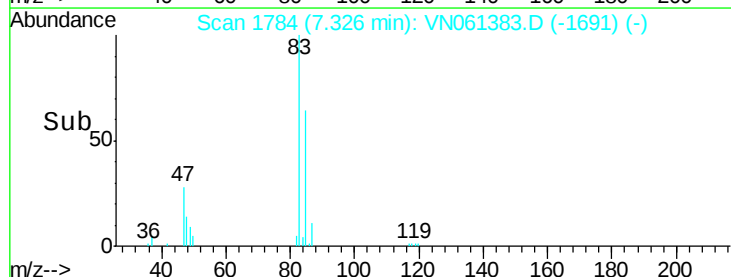
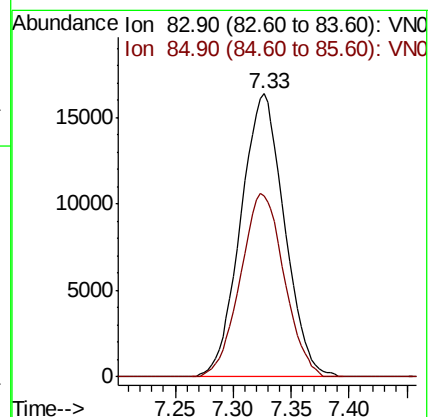
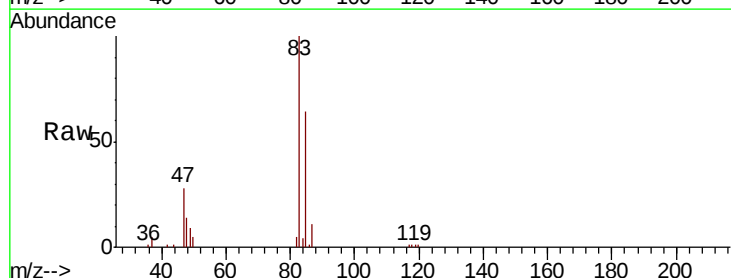
Acq: 11 May 2020 12:36

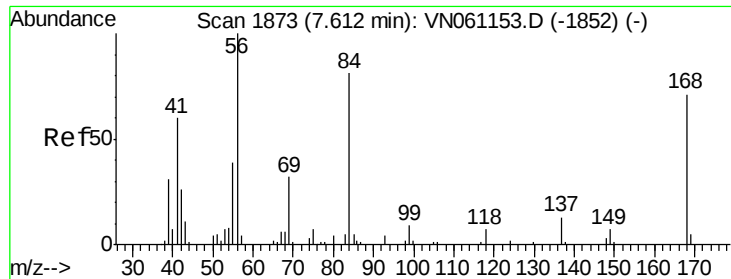
Tgt Ion: 83 Resp: 42916

Ion Ratio Lower Upper

83 100

85 63.8 51.1 76.7

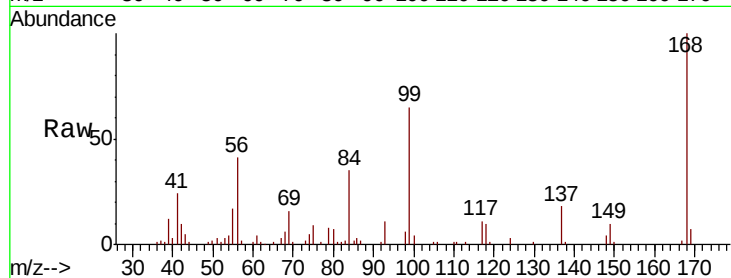




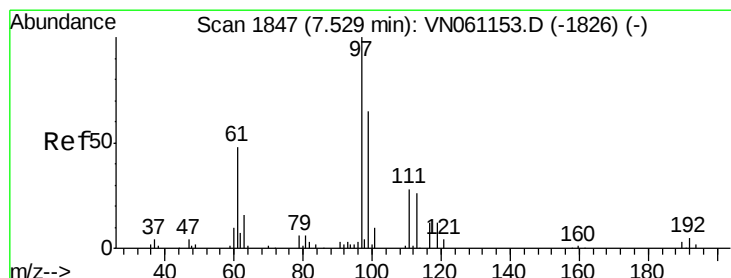
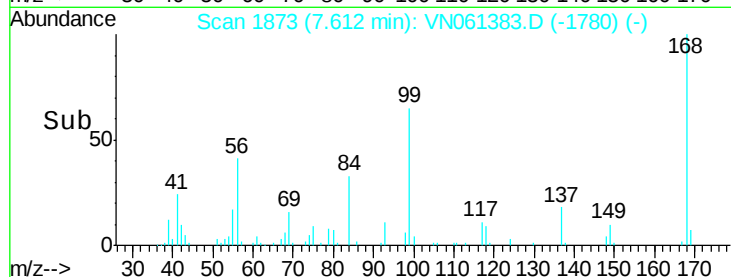
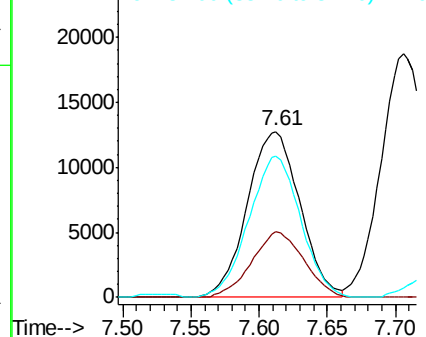
#31
Cyclohexane
Concen: 16.084 ug/l
RT: 7.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 34247
Ion Ratio Lower Upper
56 100
69 39.5 25.7 38.5#
84 85.1 64.6 97.0

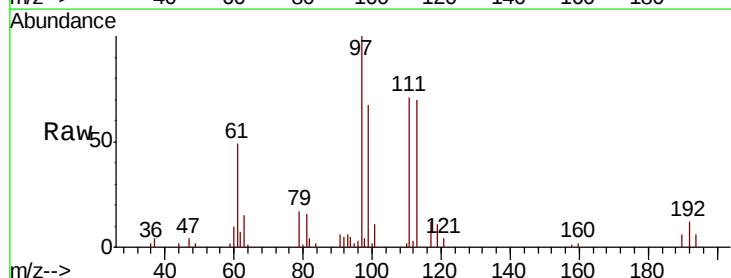


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

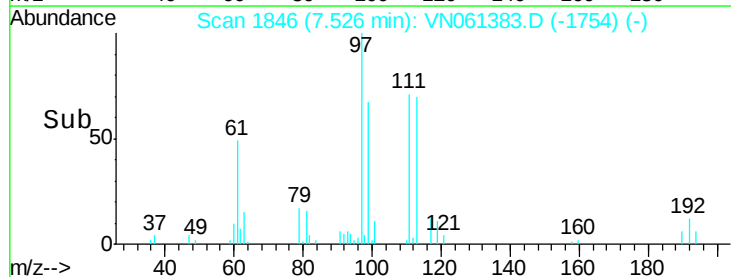
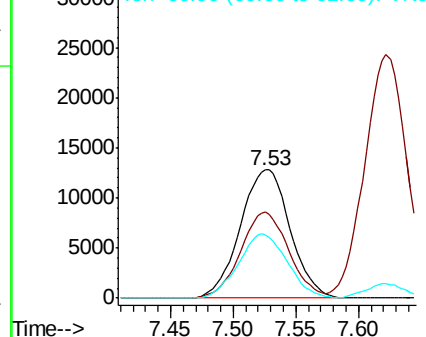


#32
1,1,1-Trichloroethane
Concen: 18.246 ug/l
RT: 7.53 min Scan# 1846
Delta R.T. -0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Tgt Ion: 97 Resp: 35301
Ion Ratio Lower Upper
97 100
99 64.7 51.3 76.9
61 48.9 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: 53.051 ug/l

RT: 7.99 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Instrument :

MSVOA_N

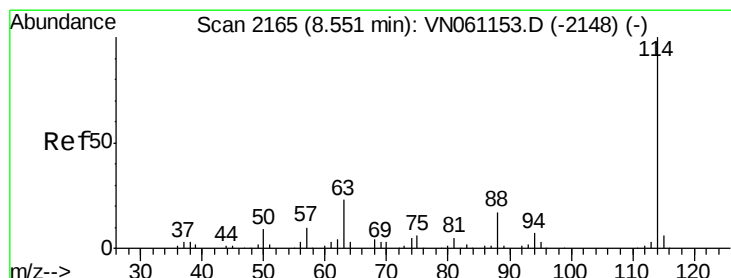
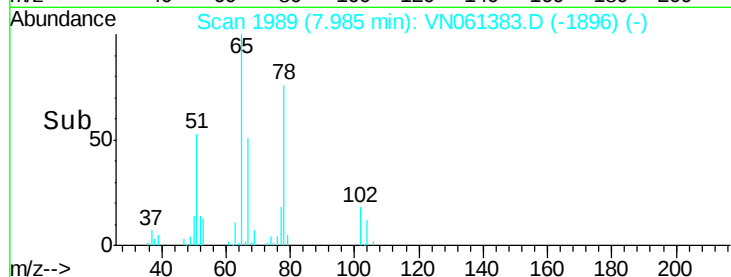
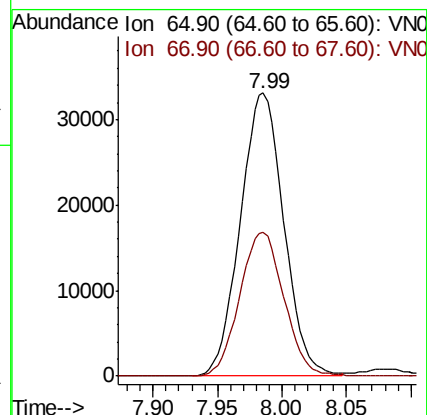
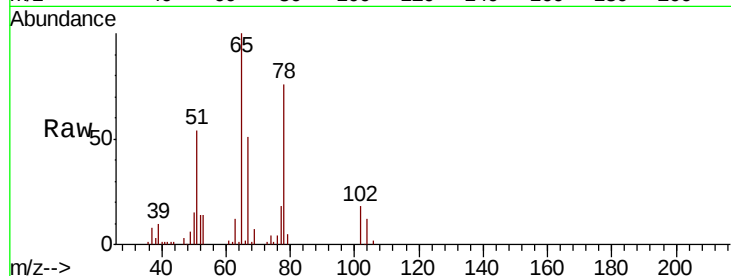
ClientSampleId :

Tot Ion: 65 Resp: 77648

Ion Ratio Lower Upper

65 100

67 51.5 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2164

Delta R.T. -0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

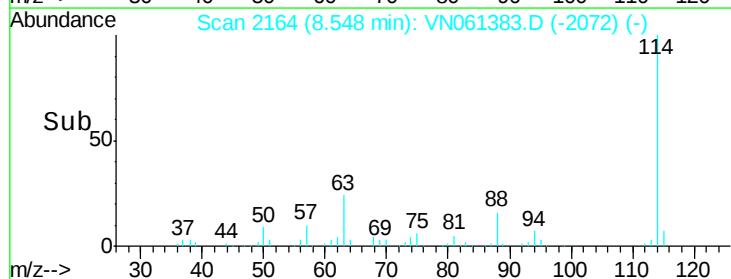
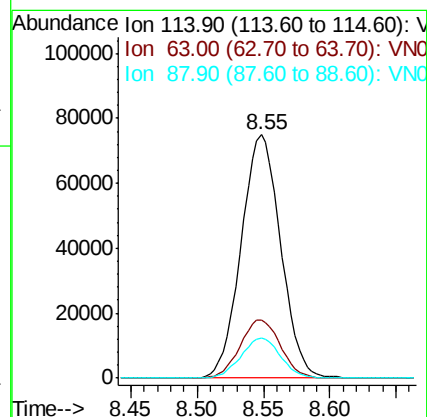
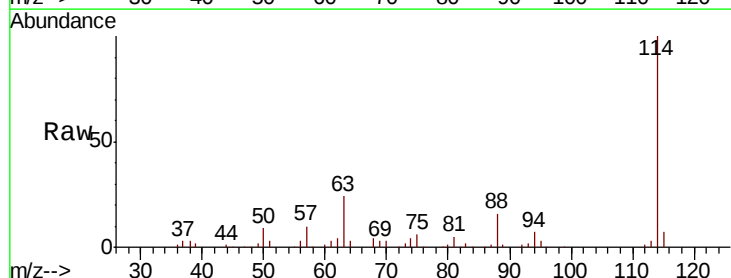
Tgt Ion: 114 Resp: 155494

Ion Ratio Lower Upper

114 100

63 23.9 0.0 46.6

88 16.4 0.0 33.4

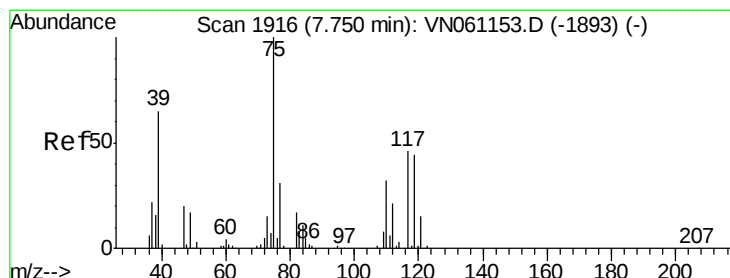
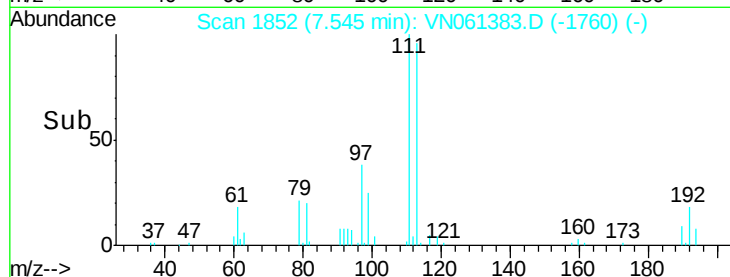
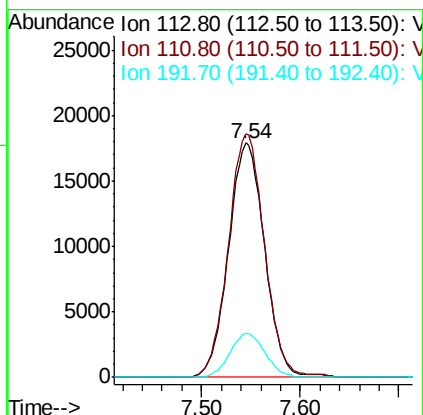
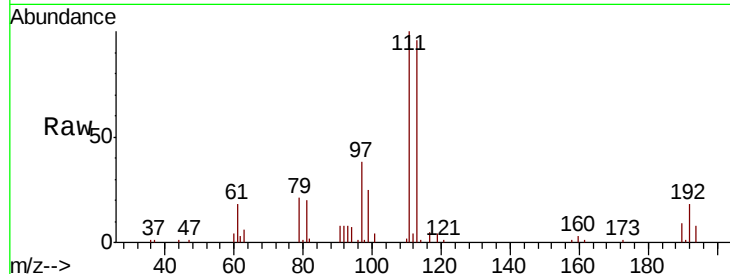


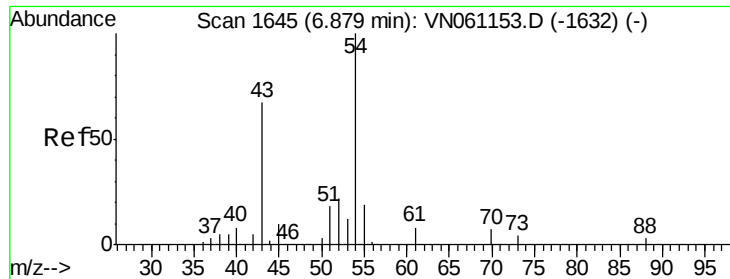


#35
 Dibromofluoromethane
 Concen: 49.664 ug/l
 RT: 7.54 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.9	124.3
192	18.3	14.7	22.1

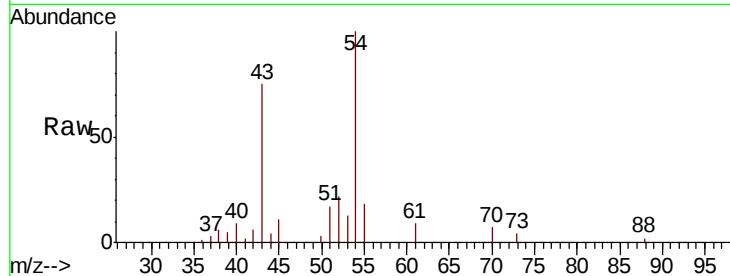




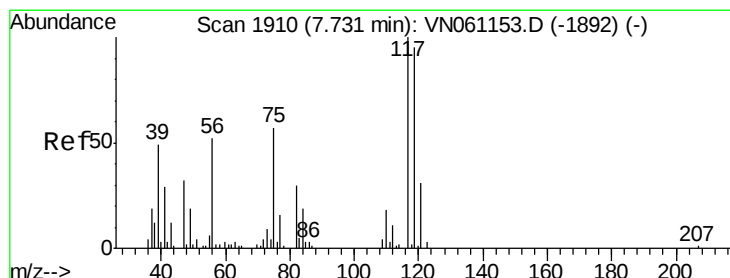
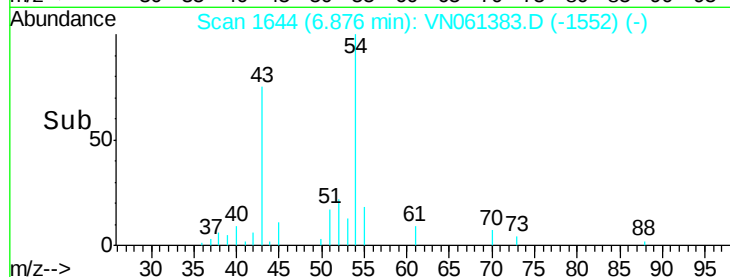
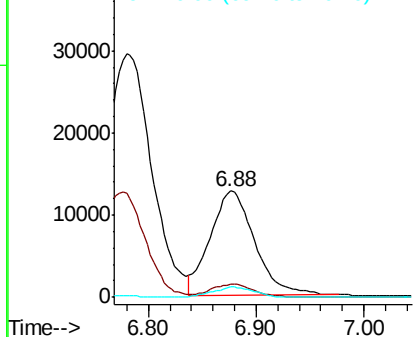
#37
Ethyl Acetate
Concen: 20.193 ug/l
RT: 6.88 min Scan# 1644
Delta R.T. -0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 36849
Ion Ratio Lower Upper
43 100
61 12.0 10.2 15.2
70 8.9 7.2 10.8

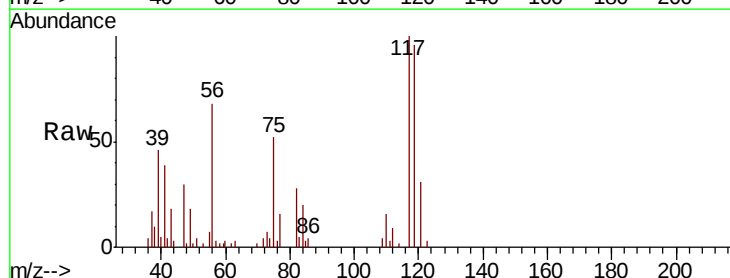


Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-1632) (-)
Ion 60.90 (60.60 to 61.60): VN061153.D (-1632) (-)
Ion 70.00 (69.70 to 70.70): VN061153.D (-1632) (-)

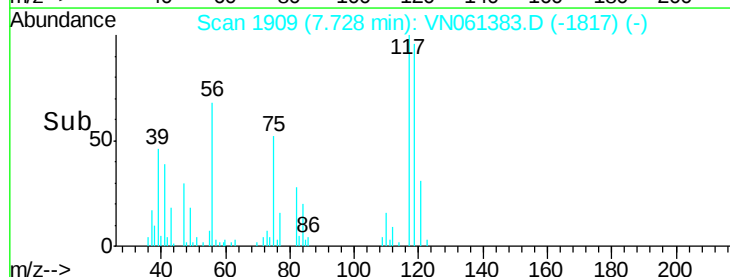
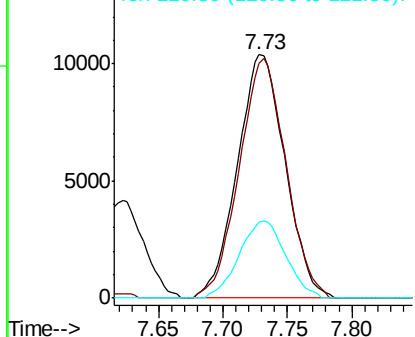


#38
Carbon Tetrachloride
Concen: 20.289 ug/l
RT: 7.73 min Scan# 1909
Delta R.T. -0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Tgt Ion: 117 Resp: 26792
Ion Ratio Lower Upper
117 100
119 96.4 75.8 113.6
121 31.1 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): VN061153.D (-1892) (-)
Ion 118.80 (118.50 to 119.50): VN061153.D (-1892) (-)
Ion 120.80 (120.50 to 121.50): VN061153.D (-1892) (-)

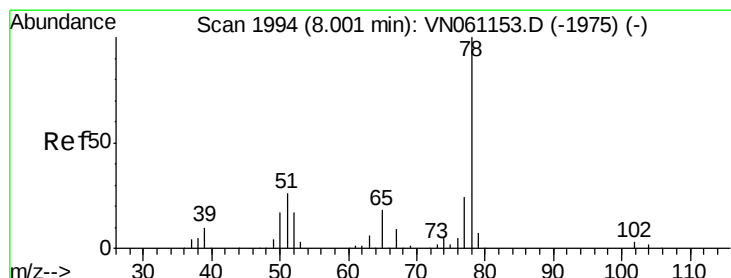
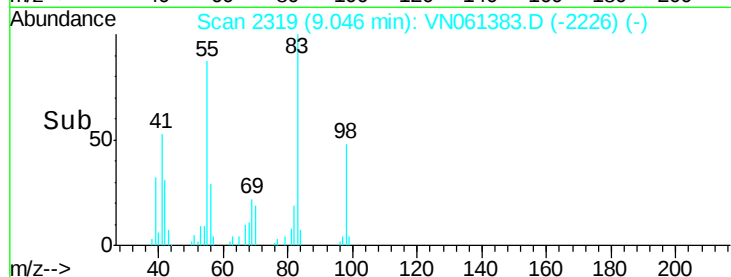
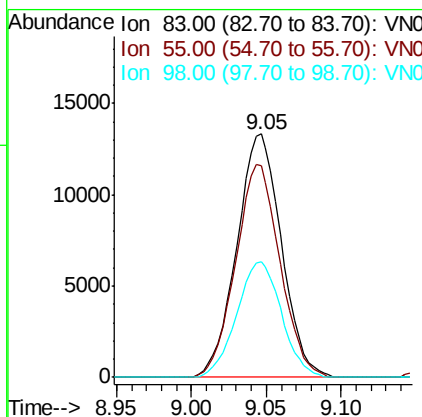
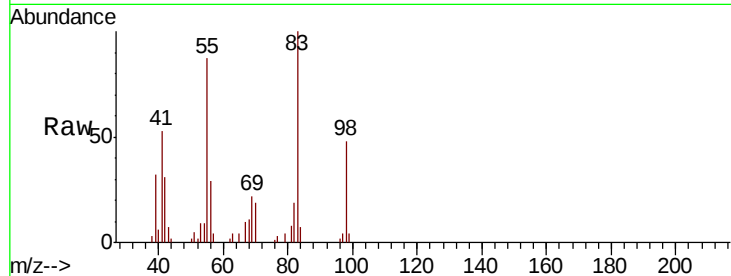




#39
Methvlcvclohexane
Concen: 15.832 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

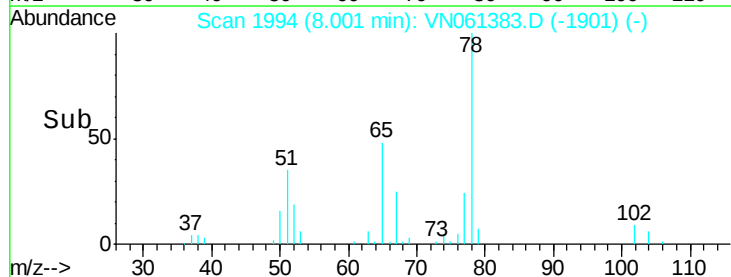
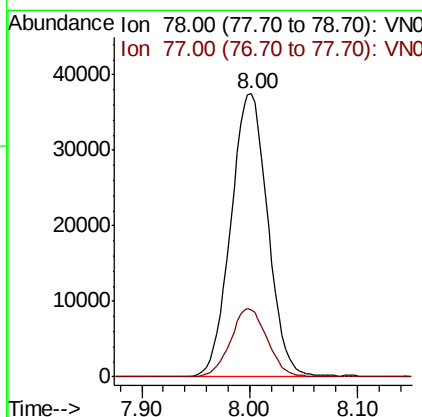
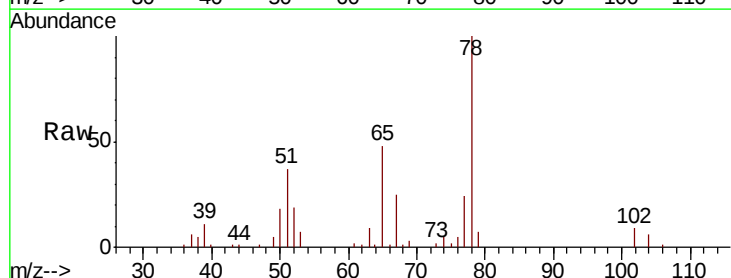
Instrument :
MSVOA_N
ClientSampleId :

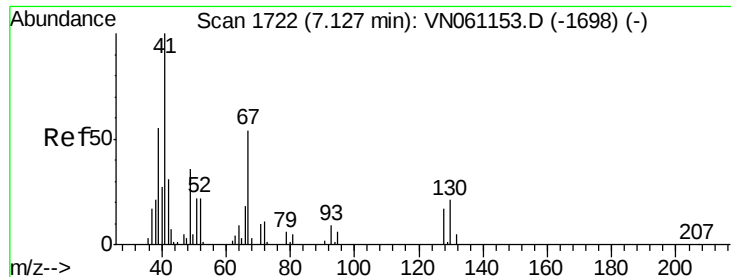
Tot Ion: 83 Resp: 27637
Ion Ratio Lower Upper
83 100
55 86.8 67.3 100.9
98 47.7 37.7 56.5



#40
Benzene
Concen: 19.309 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. 0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Tgt Ion: 78 Resp: 89545
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6

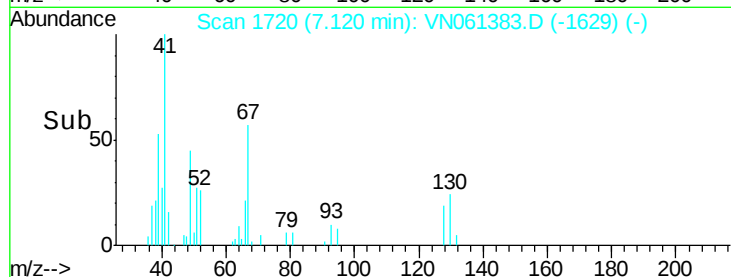
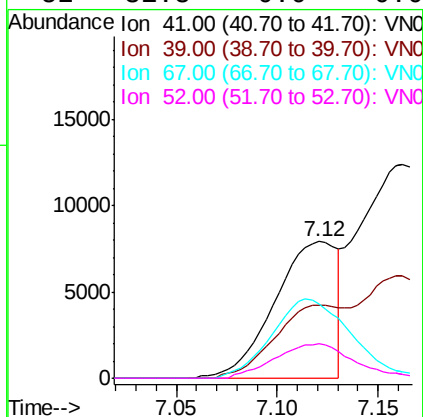
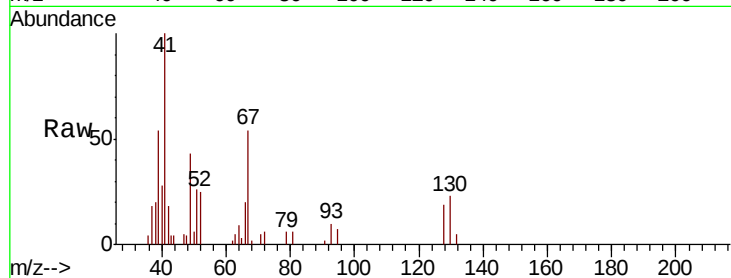




#41
Methacrylonitrile
Concen: 22.441 ug/l
RT: 7.12 min Scan# 1720
Delta R.T. -0.01 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

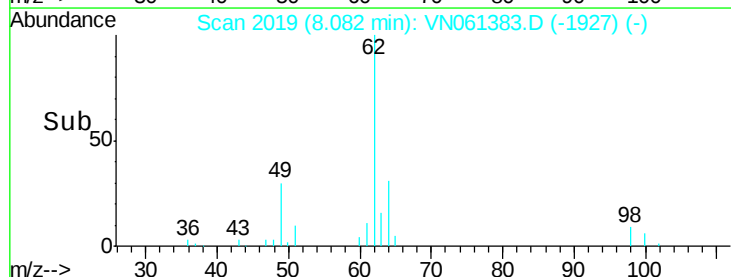
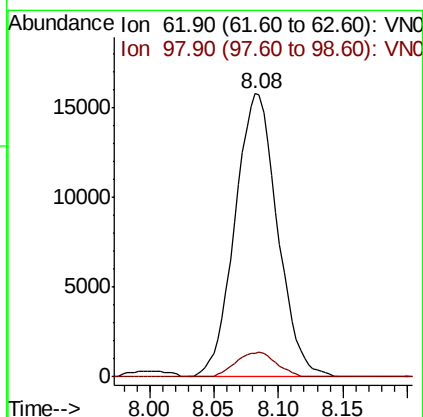
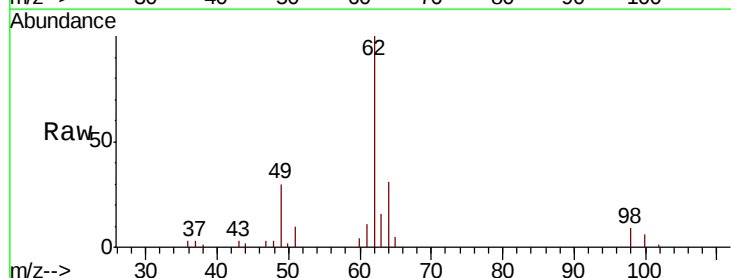
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	17003
Ion	Ratio	Lower	Upper
41	100		
39	57.7	0.0	0.0#
67	74.3	0.0	0.0#
52	31.8	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 20.615 ug/l
RT: 8.08 min Scan# 2019
Delta R.T. -0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Tgt Ion:	62	Resp:	36216
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.8





#43

Isopropyl Acetate

Concen: 19.736 ug/l

RT: 8.12 min Scan# 2032

Delta R.T. 0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

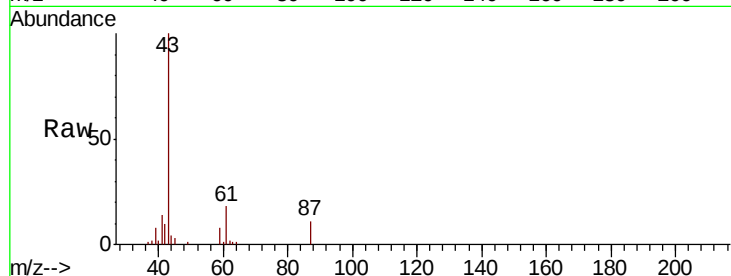
Tot Ion: 43 Resp: 59769

Ion Ratio Lower Upper

43 100

61 24.3 19.5 29.3

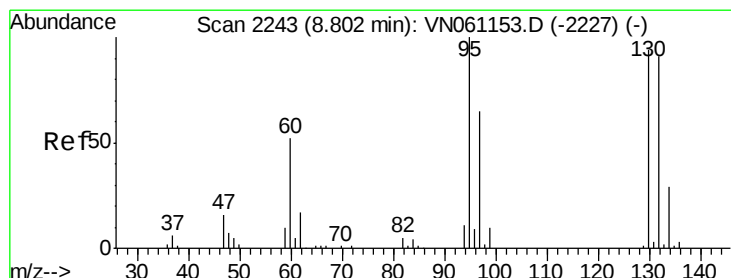
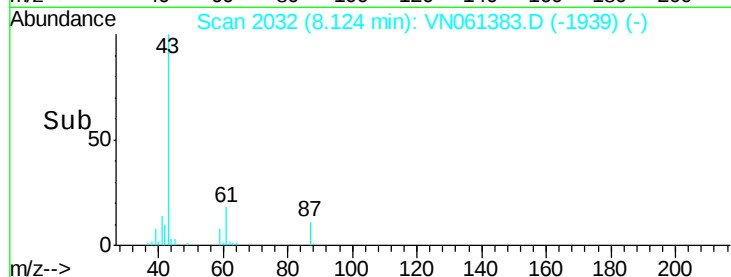
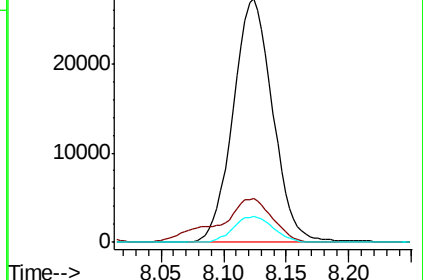
87 10.6 8.9 13.3



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

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

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



#44

Trichloroethene

Concen: 17.691 ug/l

RT: 8.80 min Scan# 2242

Delta R.T. -0.00 min

Lab File: VN061383.D

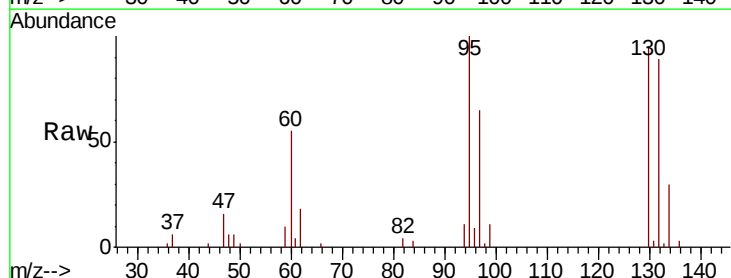
Acq: 11 May 2020 12:36

Tgt Ion: 130 Resp: 22178

Ion Ratio Lower Upper

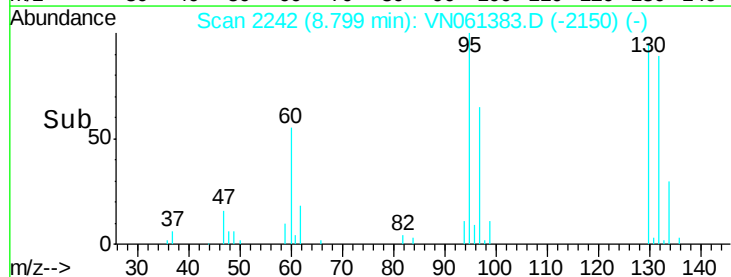
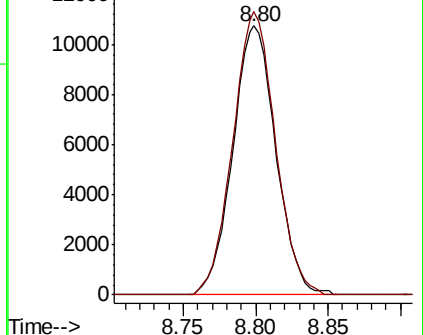
130 100

95 105.2 0.0 212.4



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

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





#45

1,2-Dichloropropane

Concen: 20.432 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Instrument :

MSVOA_N

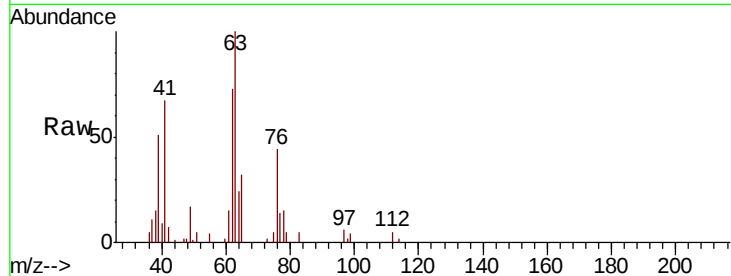
ClientSampled :

Tot Ion: 63 Resp: 25314

Ion Ratio Lower Upper

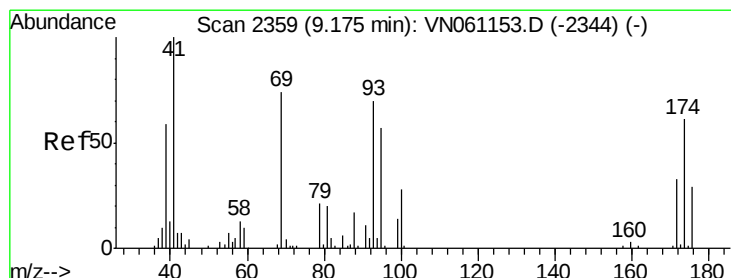
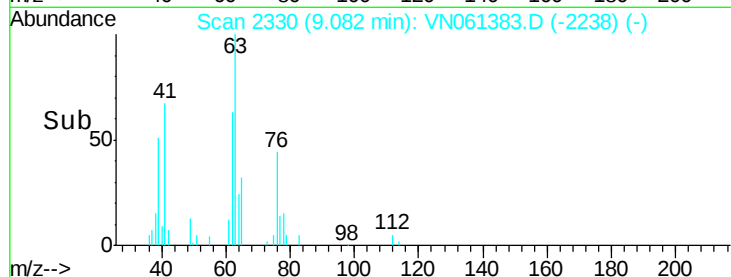
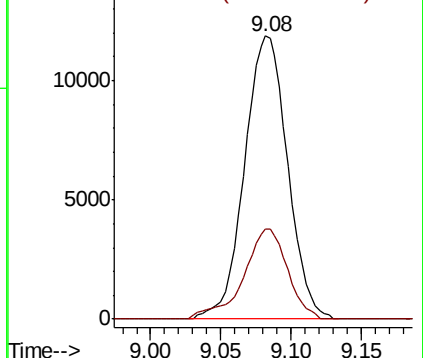
63 100

65 31.9 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.433 ug/l

RT: 9.17 min Scan# 2358

Delta R.T. -0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

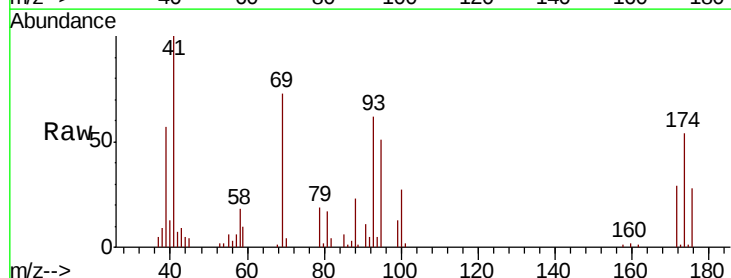
Tgt Ion: 93 Resp: 15674

Ion Ratio Lower Upper

93 100

95 82.6 66.6 99.8

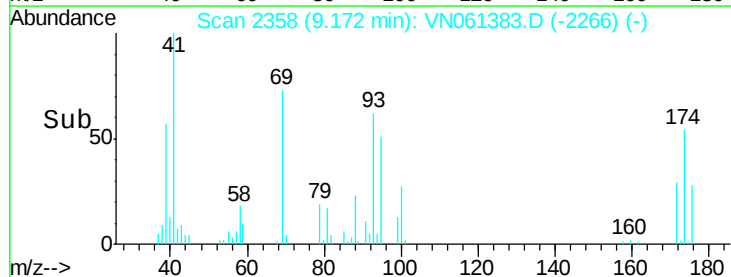
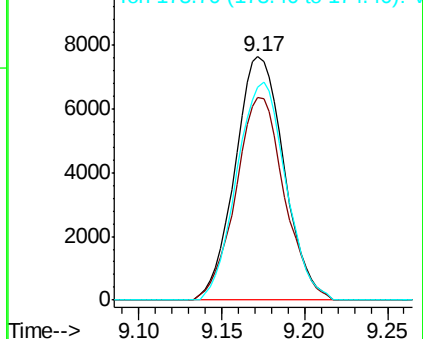
174 89.4 70.2 105.2



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.704 ug/l

RT: 9.37 min Scan# 2419

Delta R.T. -0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Instrument :

MSVOA_N

ClientSampled :

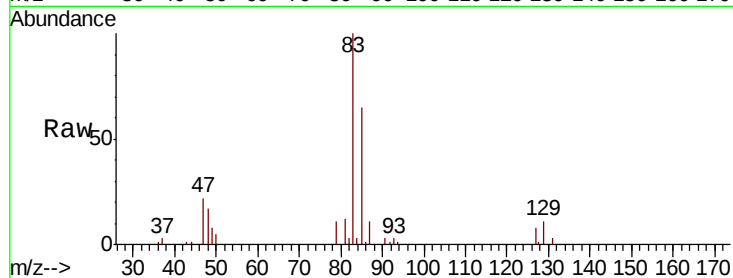
Tot Ion: 83 Resp: 34089

Ion Ratio Lower Upper

83 100

85 64.8 50.4 75.6

127 8.0 6.2 9.2

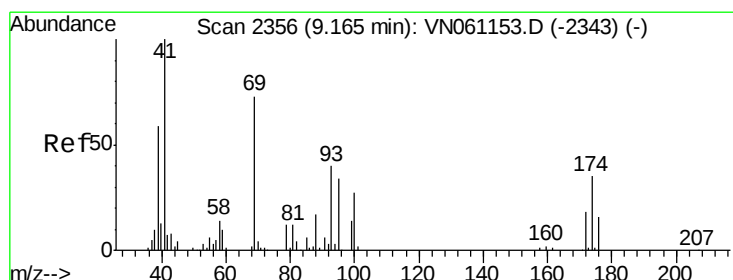
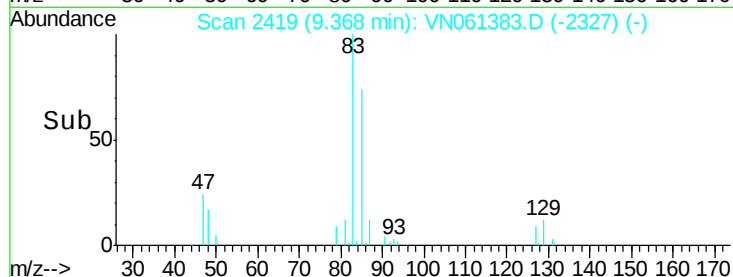


Abundance Ion 82.90 (82.60 to 83.60): VN061153.D (-2404) (-)

Ion 84.90 (84.60 to 85.60): VN061153.D (-2404) (-)

Ion 126.80 (126.50 to 127.50): VN061153.D (-2404) (-)

Time-->



#48

Methyl methacrylate

Concen: 19.323 ug/l

RT: 9.17 min Scan# 2356

Delta R.T. 0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

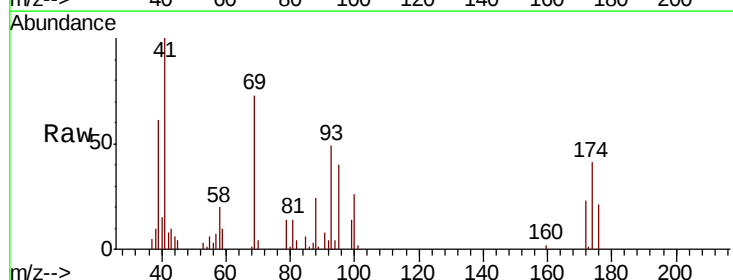
Tgt Ion: 41 Resp: 26407

Ion Ratio Lower Upper

41 100

69 74.7 60.3 90.5

39 61.0 47.4 71.0

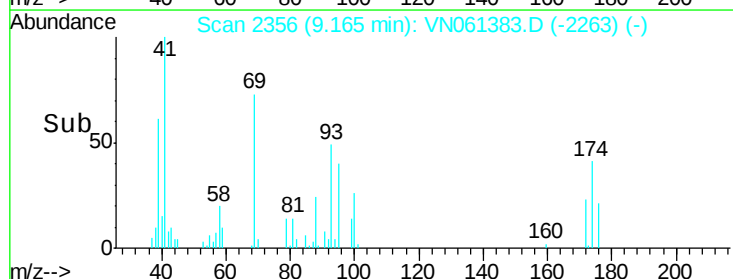


Abundance Ion 41.00 (40.70 to 41.70): VN061153.D (-2343) (-)

Ion 69.00 (68.70 to 69.70): VN061153.D (-2343) (-)

Ion 39.00 (38.70 to 39.70): VN061153.D (-2343) (-)

Time-->

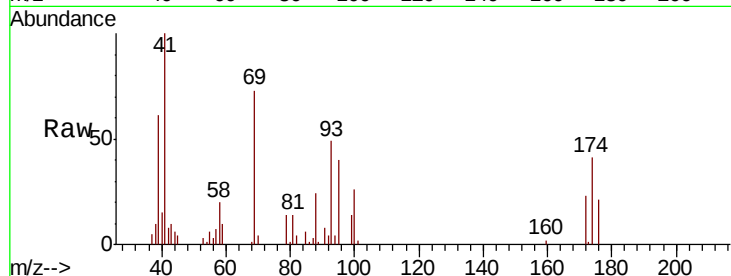




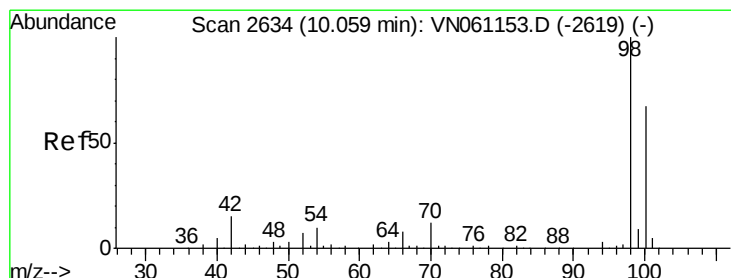
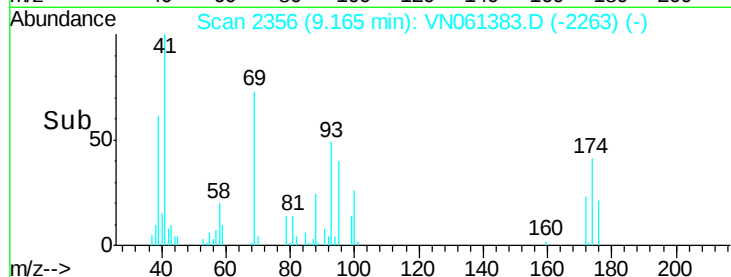
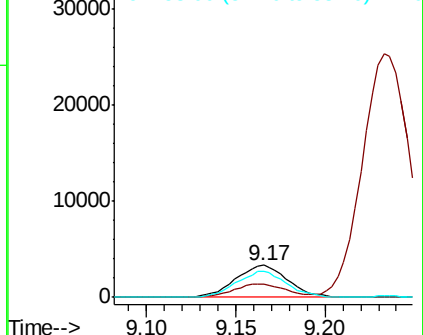
#49
 1,4-Dioxane
 Concen: 436.803 ug/l
 RT: 9.17 min Scan# 2356
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 88 Resp: 6776
 Ion Ratio Lower Upper
 88 100
 43 42.9 35.3 52.9
 58 77.7 61.5 92.3

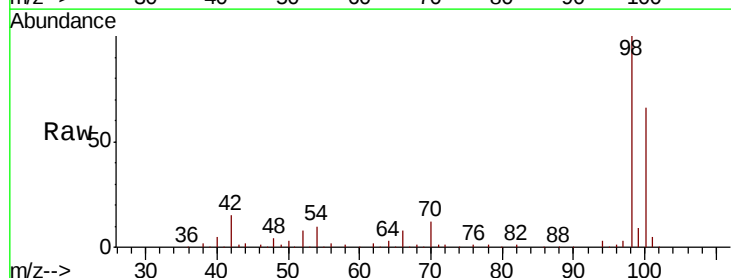


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

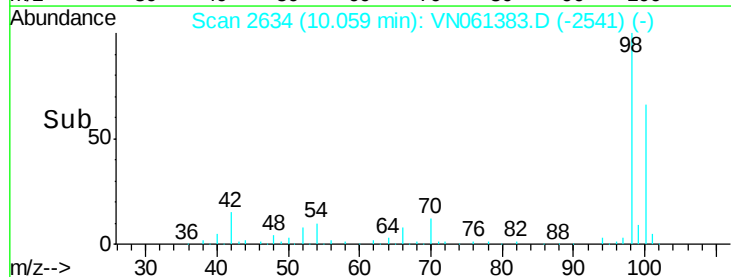
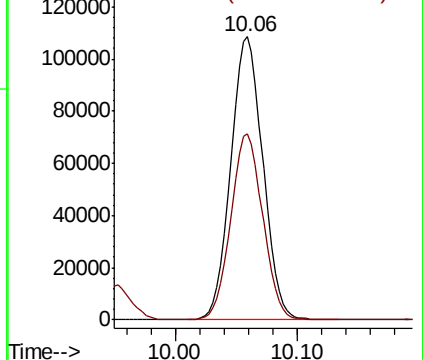


#50
 Toluene-d8
 Concen: 53.010 ug/l
 RT: 10.06 min Scan# 2634
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Tgt Ion: 98 Resp: 198695
 Ion Ratio Lower Upper
 98 100
 100 65.6 53.4 80.0



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





#51

4-Methyl-2-Pentanone

Concen: 102.988 ug/l

RT: 9.95 min Scan# 2600

Delta R.T. -0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Instrument :

MSVOA_N

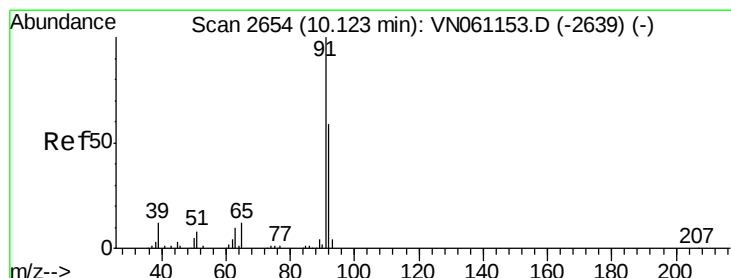
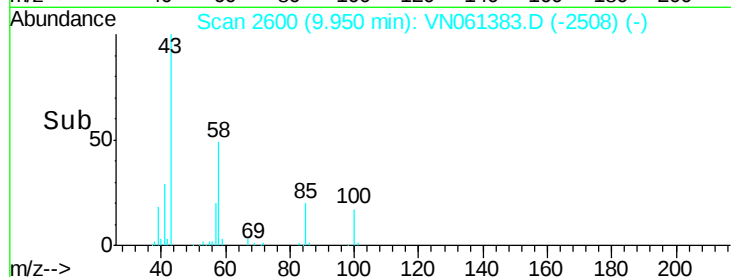
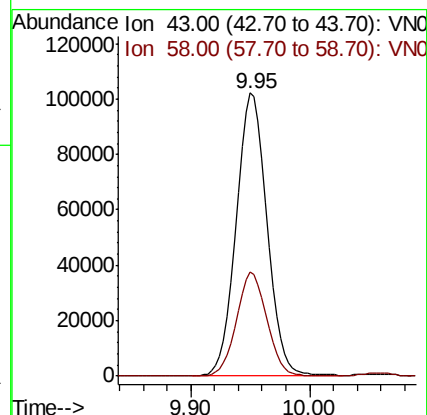
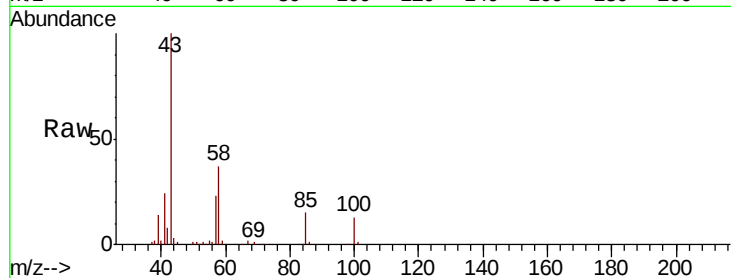
ClientSampled :

Tot Ion: 43 Resp: 183588

Ion Ratio Lower Upper

43 100

58 36.1 29.1 43.7



#52

Toluene

Concen: 19.356 ug/l

RT: 10.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VN061383.D

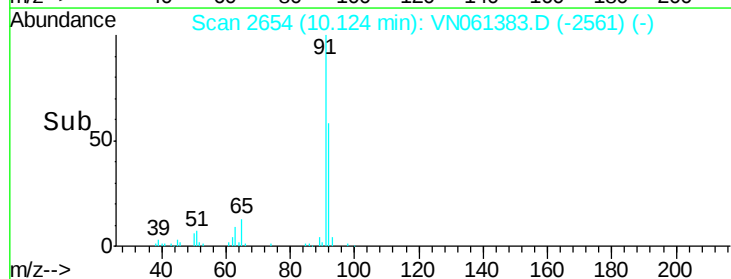
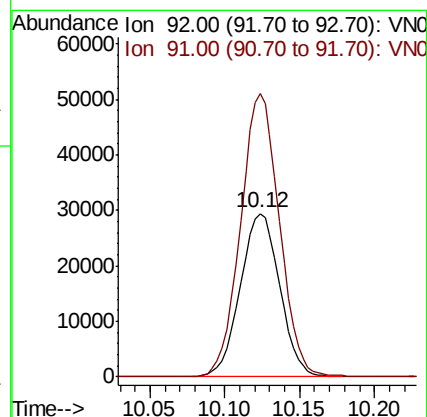
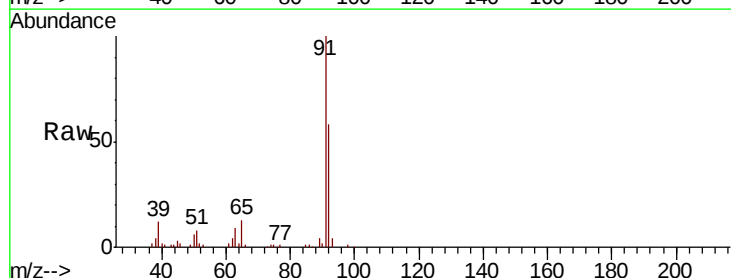
Acq: 11 May 2020 12:36

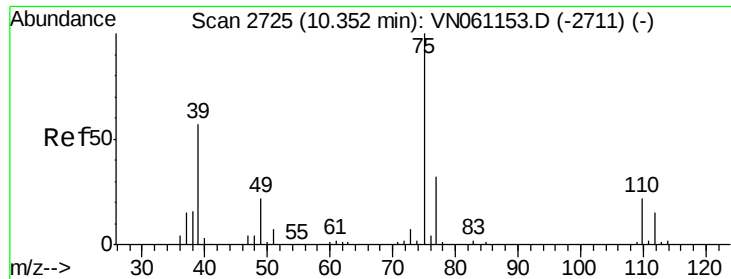
Tgt Ion: 92 Resp: 54065

Ion Ratio Lower Upper

92 100

91 170.6 136.2 204.2

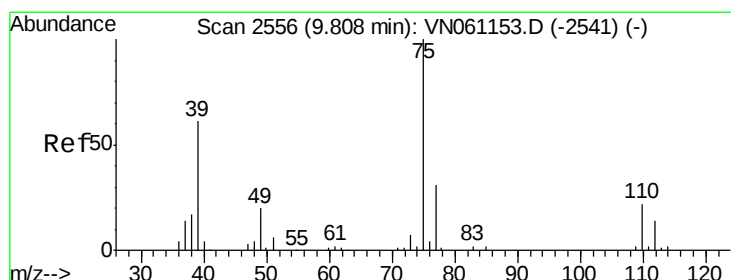
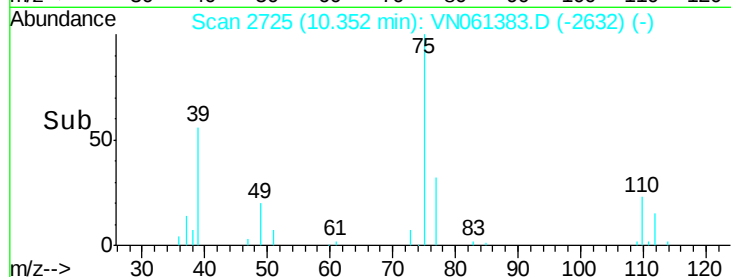
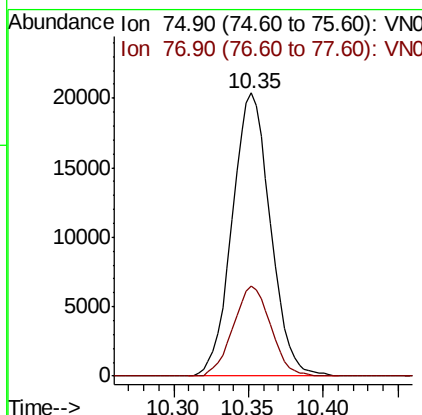
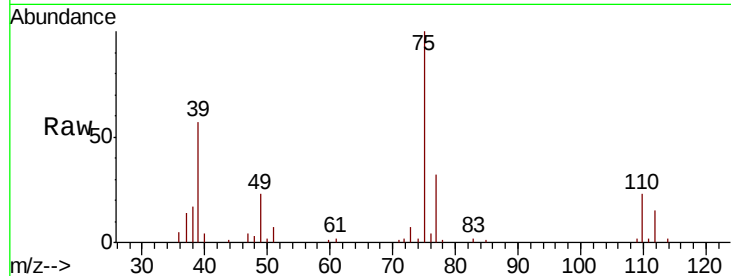




#53
t-1,3-Dichloropropene
Concen: 19.526 ug/l
RT: 10.35 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

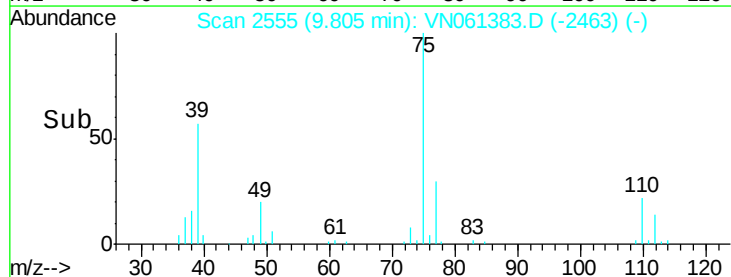
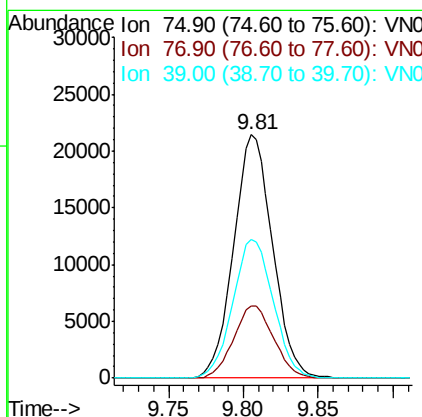
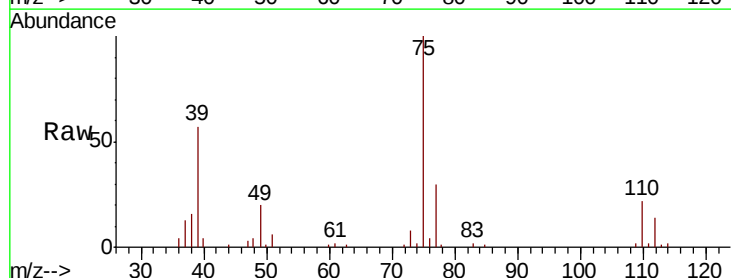
Instrument :
MSVOA_N
ClientSampleId :

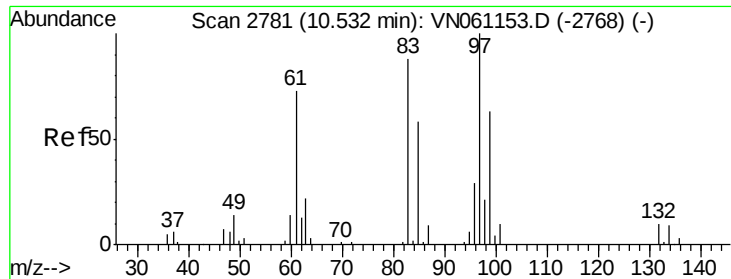
Tot Ion: 75 Resp: 36225
Ion Ratio Lower Upper
75 100
77 31.6 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 19.805 ug/l
RT: 9.81 min Scan# 2555
Delta R.T. -0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Tgt Ion: 75 Resp: 38846
Ion Ratio Lower Upper
75 100
77 29.7 25.0 37.4
39 57.1 48.7 73.1

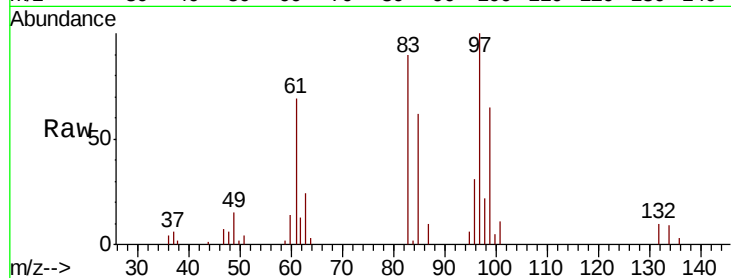




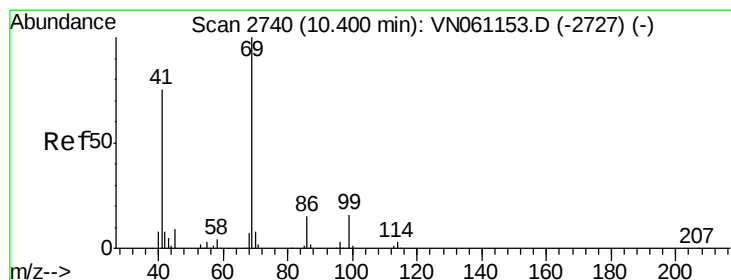
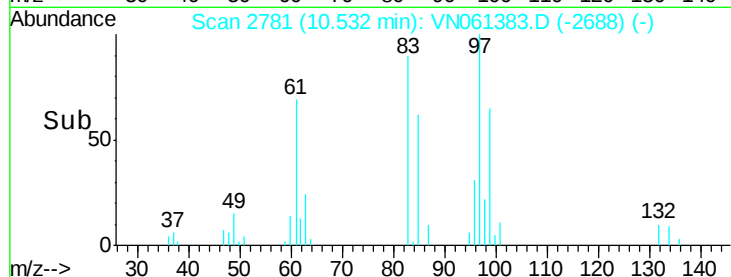
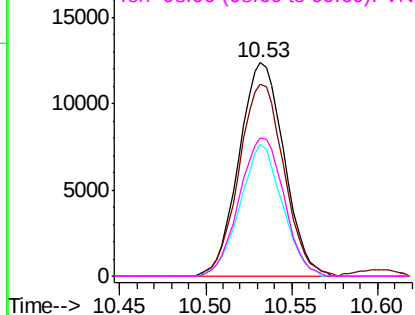
#55
 1,1,2-Trichloroethane
 Concen: 20.211 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 97 Resp: 22518
 Ion Ratio Lower Upper
 97 100
 83 89.9 70.6 106.0
 85 61.7 46.4 69.6
 99 64.5 50.6 75.8

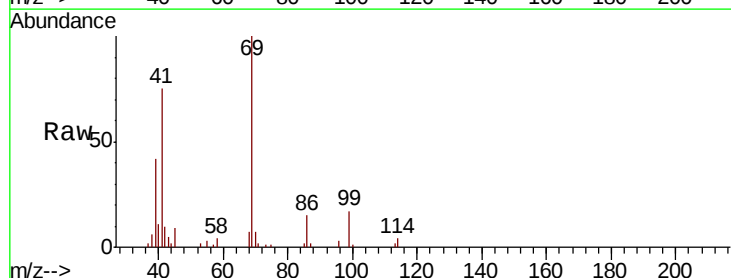


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

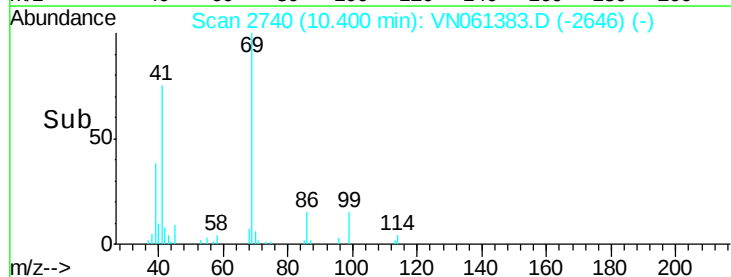
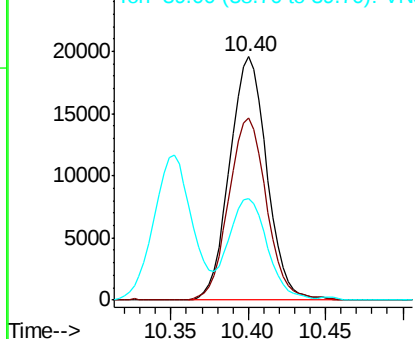


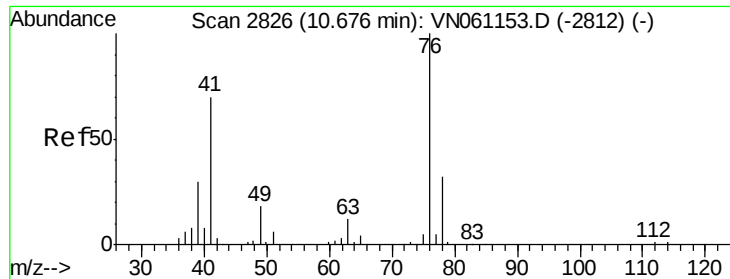
#56
 Ethyl methacrylate
 Concen: 18.633 ug/l
 RT: 10.40 min Scan# 2740
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Tgt Ion: 69 Resp: 32662
 Ion Ratio Lower Upper
 69 100
 41 76.4 60.3 90.5
 39 42.0 35.9 53.9



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

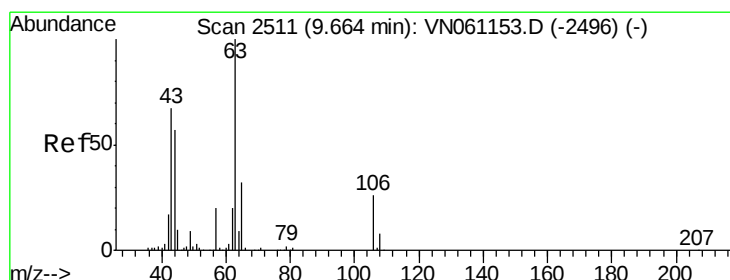
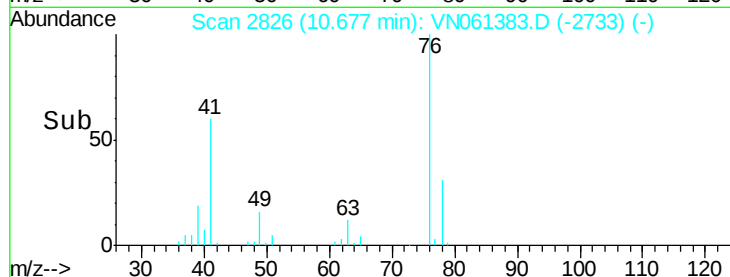
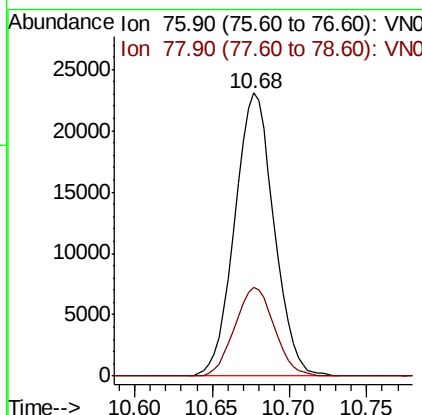
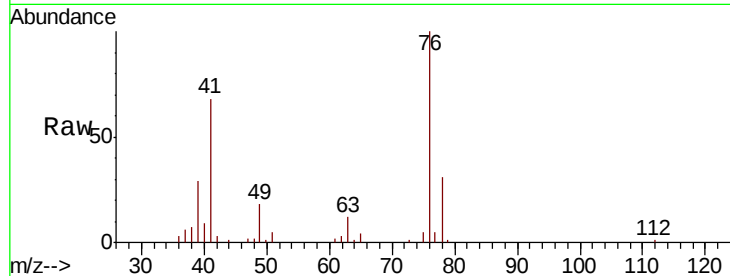




#57
 1,3-Dichloropropane
 Concen: 20.756 ug/l
 RT: 10.68 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

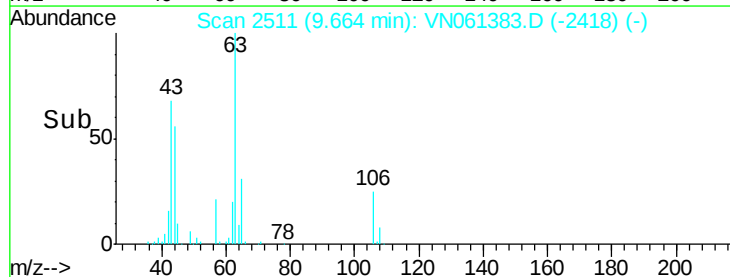
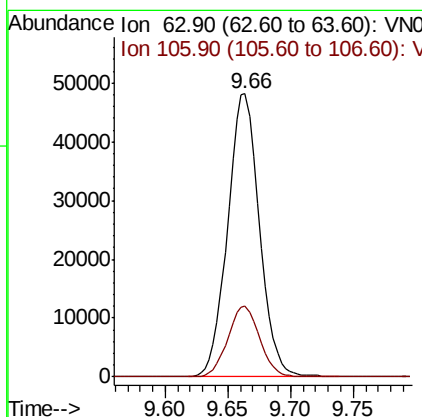
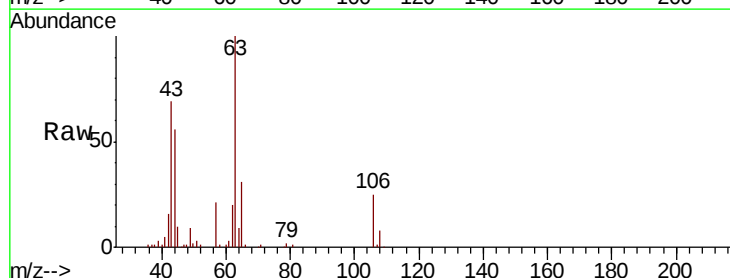
Instrument :
 MSVOA_N
 ClientSampled :

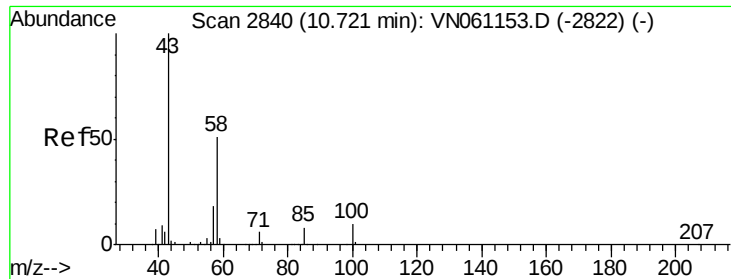
Tot Ion: 76 Resp: 40648
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.012 ug/l
 RT: 9.66 min Scan# 2511
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Tgt Ion: 63 Resp: 84784
 Ion Ratio Lower Upper
 63 100
 106 24.9 20.6 30.8

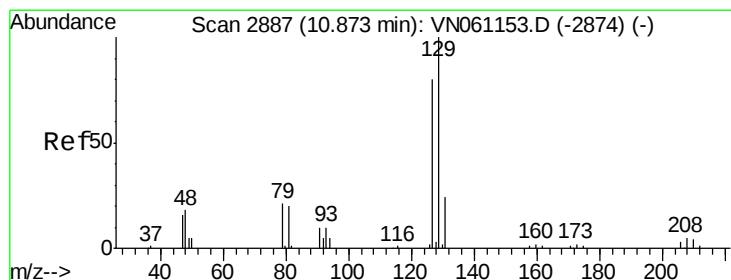
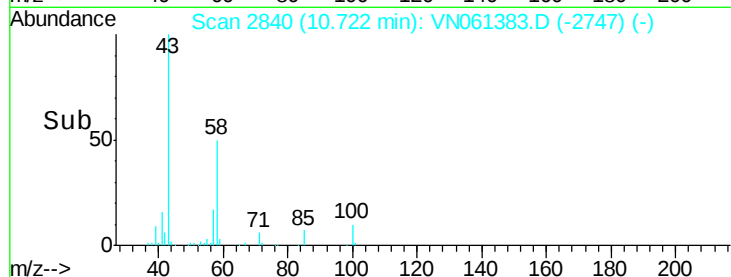
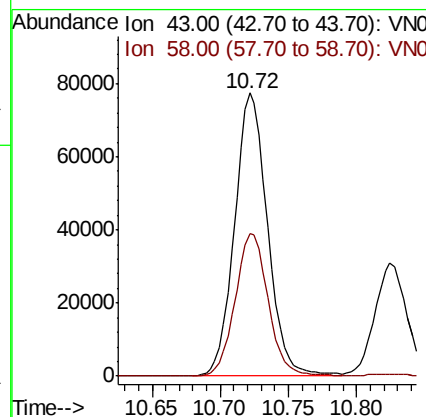
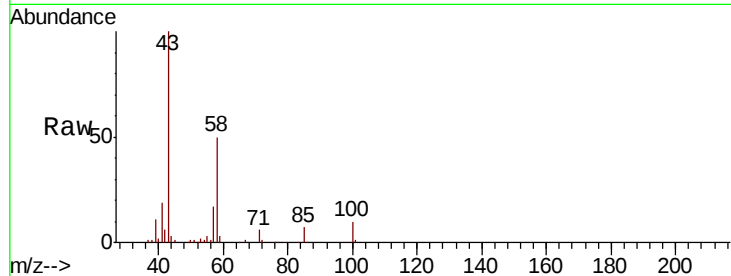




#59
2-Hexanone
Concen: 100.144 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

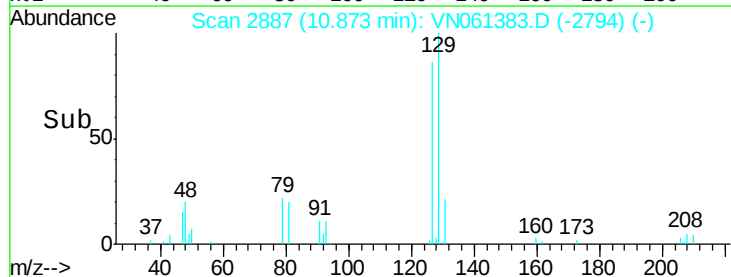
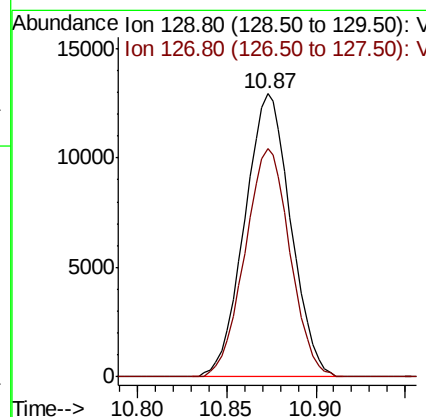
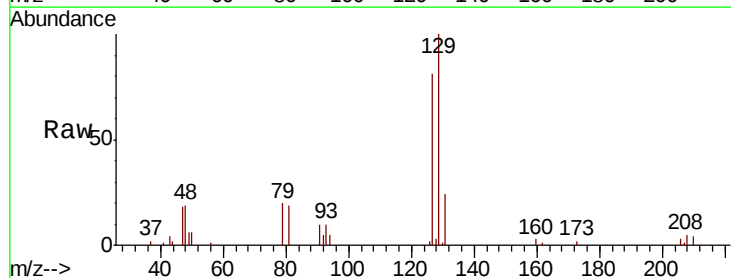
Instrument :
MSVOA_N
ClientSampled :

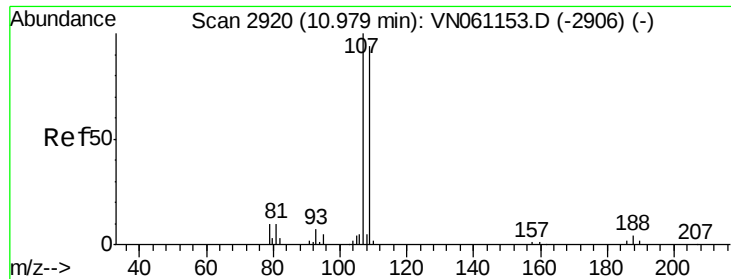
Tot Ion: 43 Resp: 129875
Ion Ratio Lower Upper
43 100
58 50.6 25.4 76.4



#60
Dibromochloromethane
Concen: 20.012 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Tgt Ion: 129 Resp: 23352
Ion Ratio Lower Upper
129 100
127 78.7 39.3 117.8

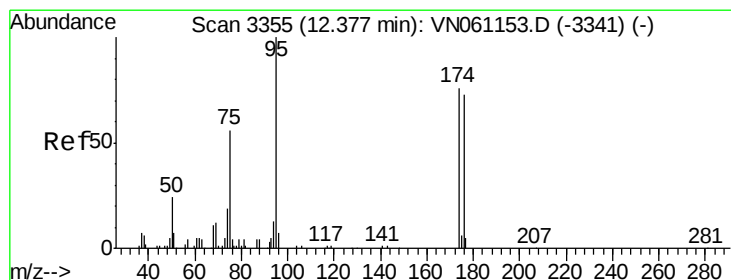
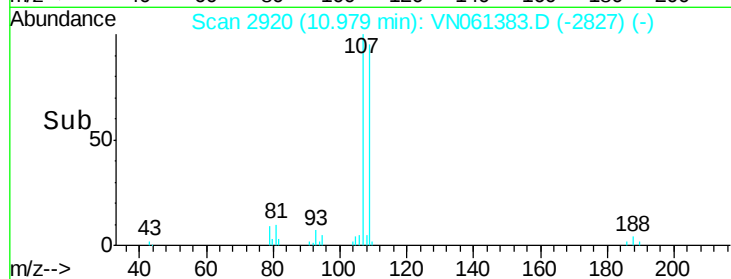
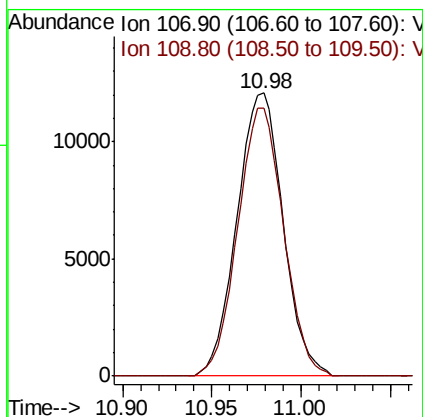
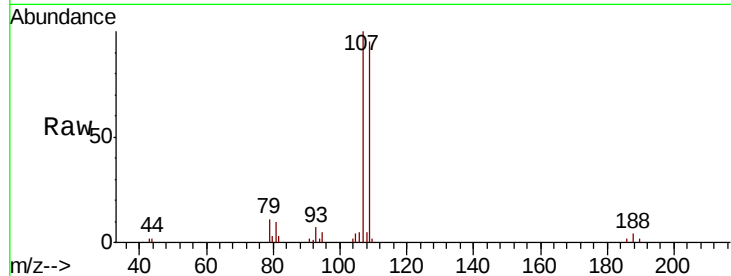




#61
 1,2-Dibromoethane
 Concen: 19.553 ug/l
 RT: 10.98 min Scan# 2920
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

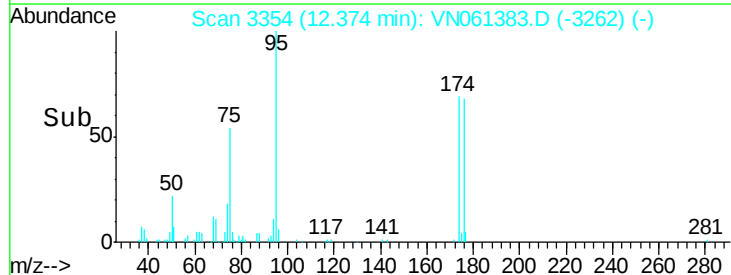
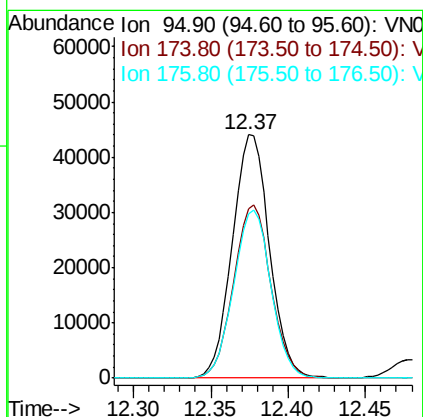
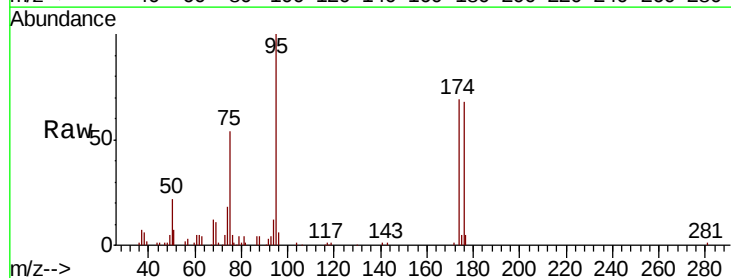
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:107 Resp: 21835
 Ion Ratio Lower Upper
 107 100
 109 94.1 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 52.076 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Tgt Ion: 95 Resp: 73454
 Ion Ratio Lower Upper
 95 100
 174 71.6 0.0 149.4
 176 69.4 0.0 144.8

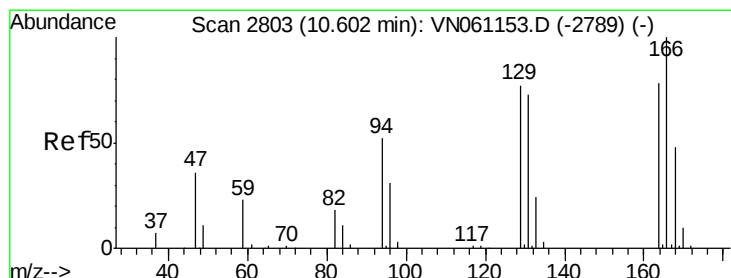
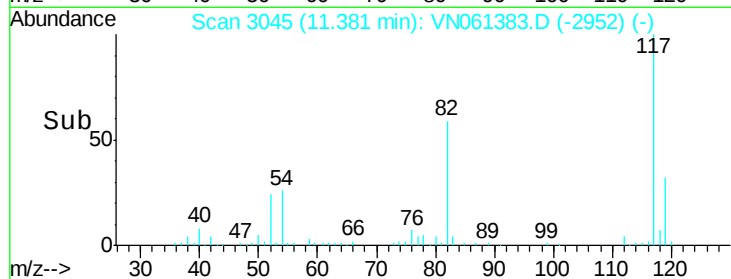
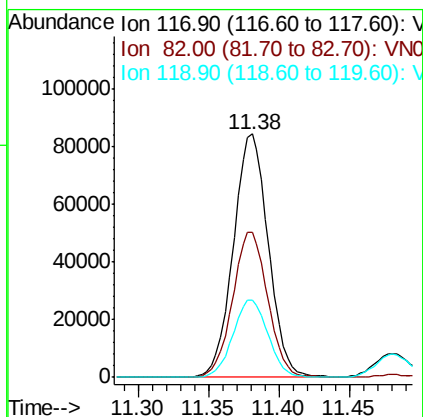
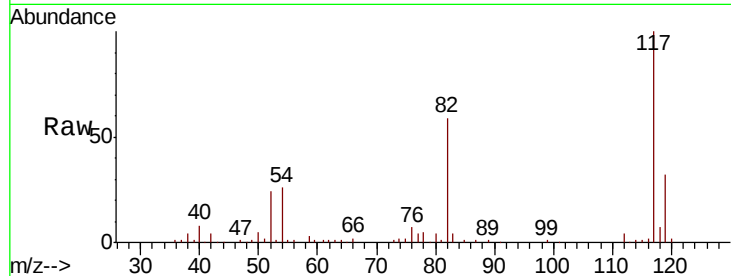




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

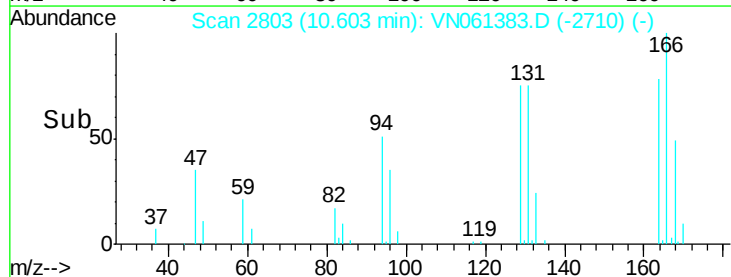
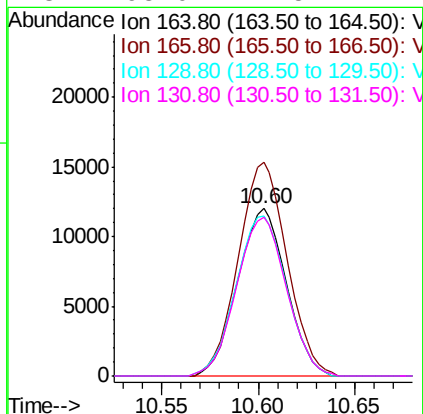
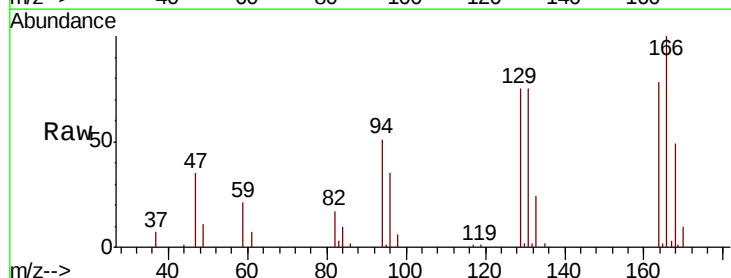
Instrument :
MSVOA_N
ClientSampleId :

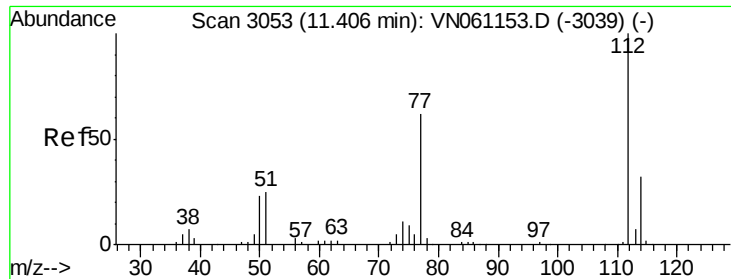
Tot Ion:117 Resp: 146562
Ion Ratio Lower Upper
117 100
82 59.5 47.8 71.8
119 31.6 25.8 38.6



#64
Tetrachloroethene
Concen: 16.551 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Tgt Ion:164 Resp: 21010
Ion Ratio Lower Upper
164 100
166 127.4 102.0 153.0
129 95.3 78.2 117.2
131 95.0 74.5 111.7

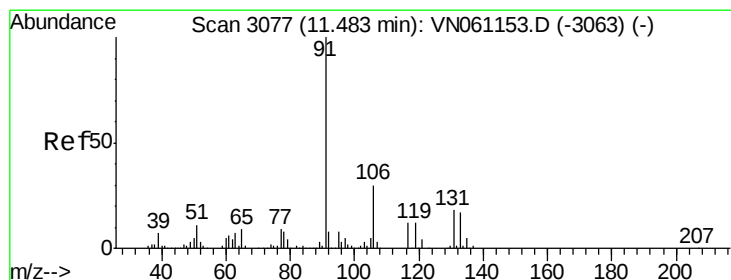
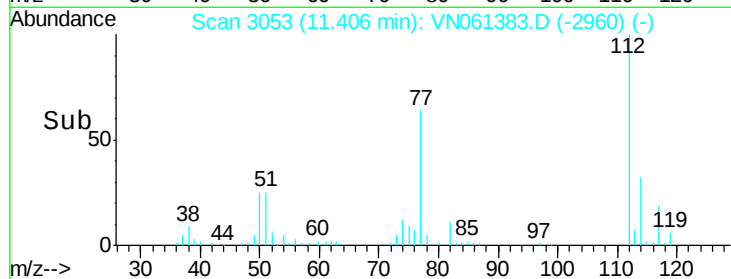
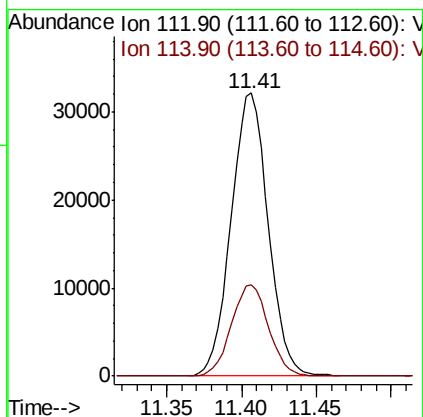
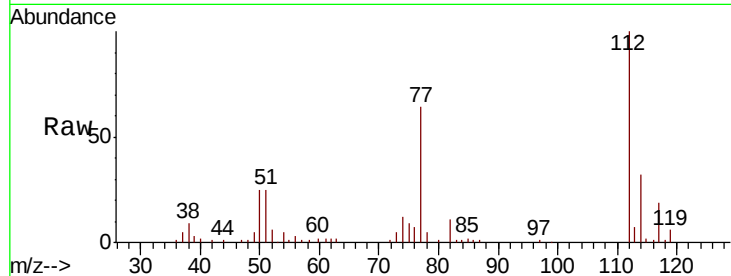




#65
Chlorobenzene
Concen: 19.081 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

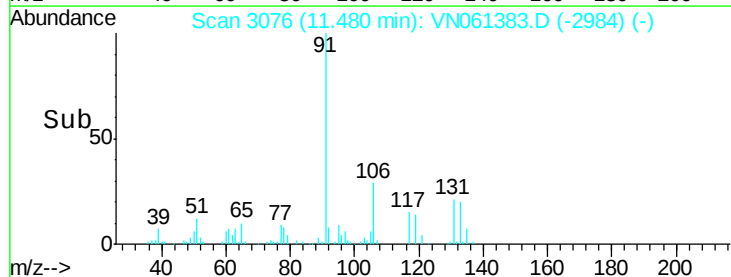
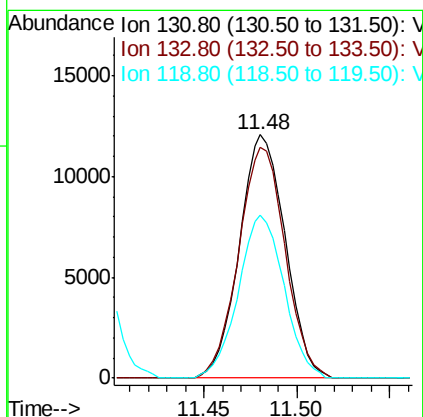
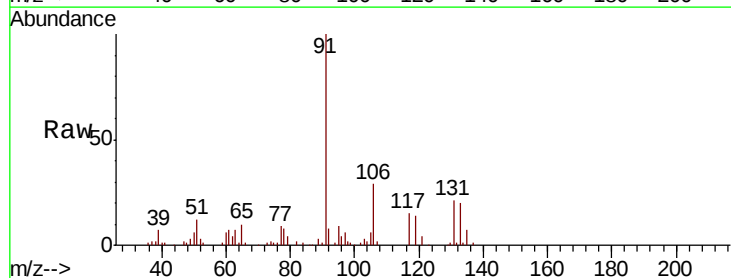
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:112 Resp: 55474
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.987 ug/l
RT: 11.48 min Scan# 3076
Delta R.T. -0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Tgt Ion:131 Resp: 20797
Ion Ratio Lower Upper
131 100
133 96.2 48.0 144.2
119 66.8 32.6 97.8





#67

Ethyl Benzene

Concen: 18.292 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Instrument :

MSVOA_N

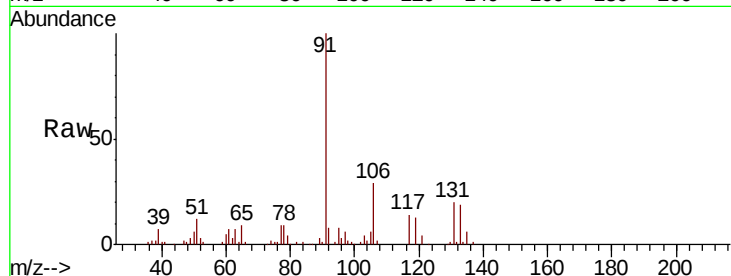
ClientSampled :

Tot Ion: 91 Resp: 99555

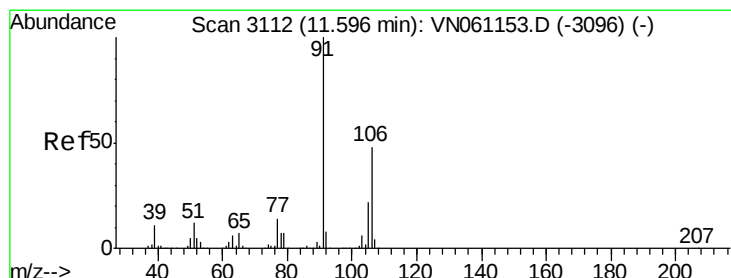
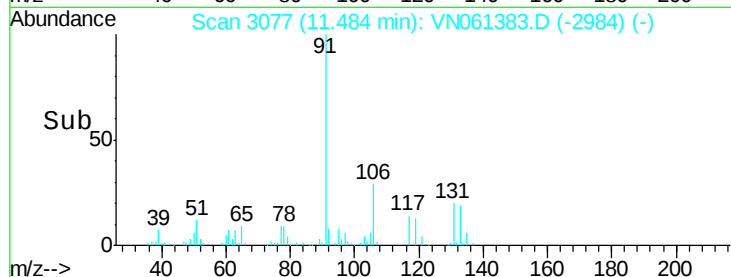
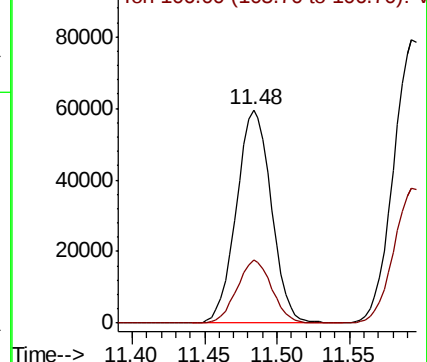
Ion Ratio Lower Upper

91 100

106 29.4 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3063) (-)



#68

m/p-Xylenes

Concen: 36.554 ug/l

RT: 11.59 min Scan# 3111

Delta R.T. -0.00 min

Lab File: VN061383.D

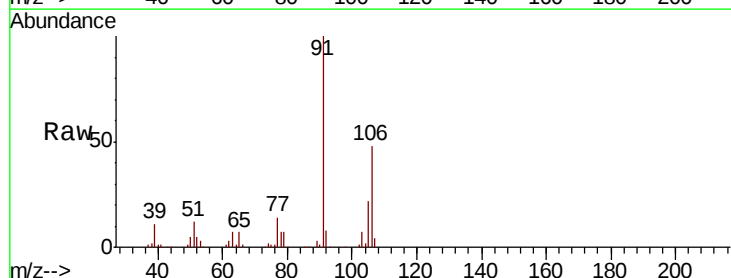
Acq: 11 May 2020 12:36

Tgt Ion: 106 Resp: 72818

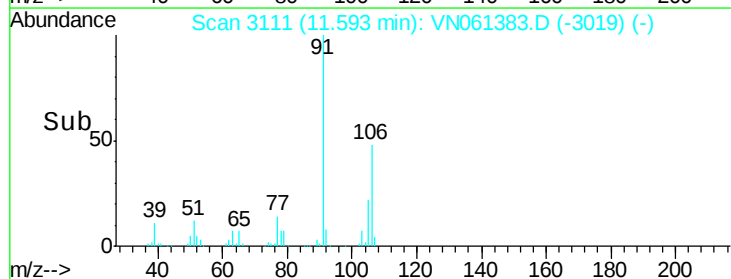
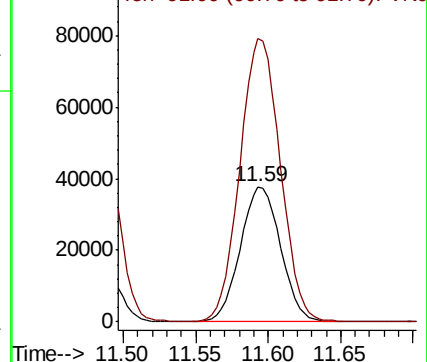
Ion Ratio Lower Upper

106 100

91 211.2 166.4 249.6



Abundance Ion 106.00 (105.70 to 106.70): VN061153.D (-3096) (-)

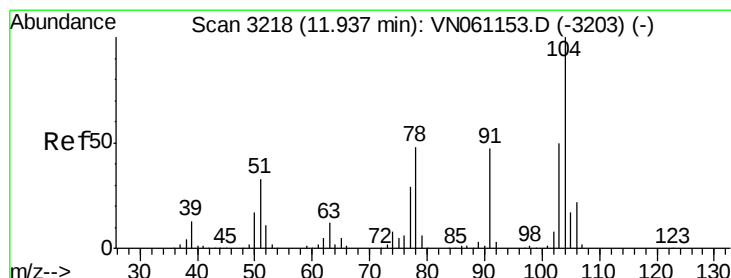
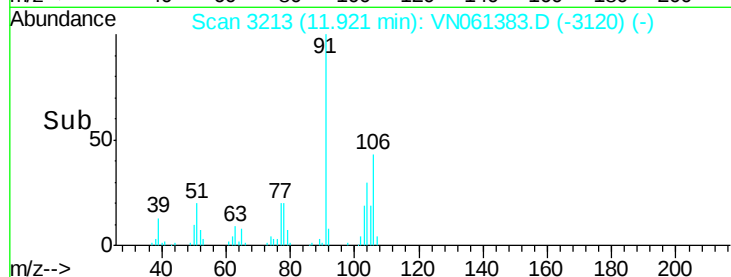
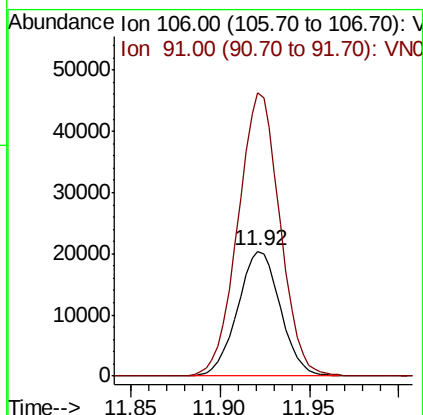
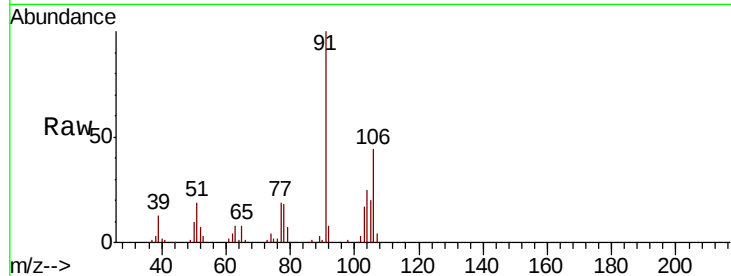




#69
o-Xylene
Concen: 17.807 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

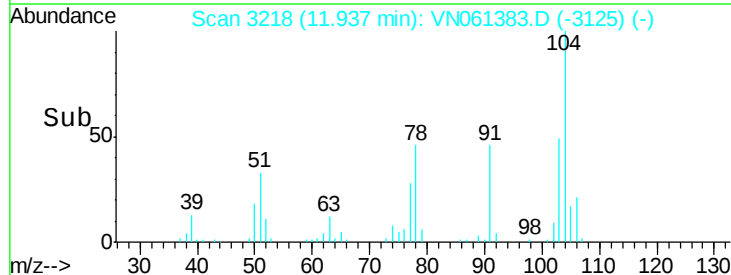
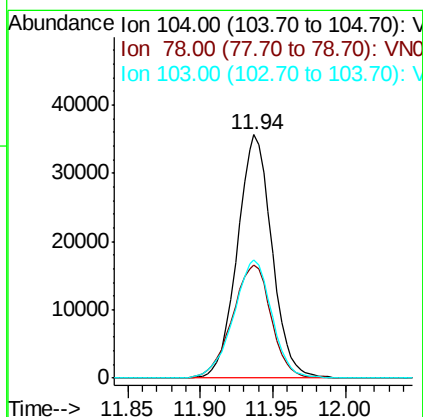
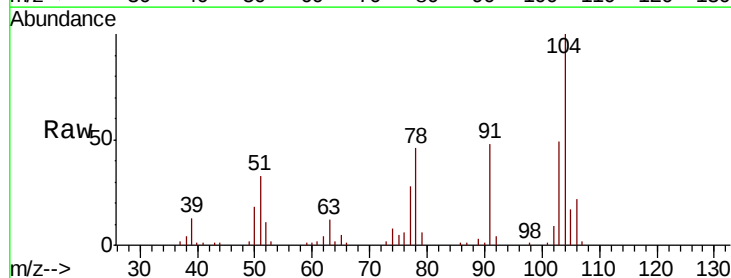
Instrument :
MSVOA_N
ClientSampled :

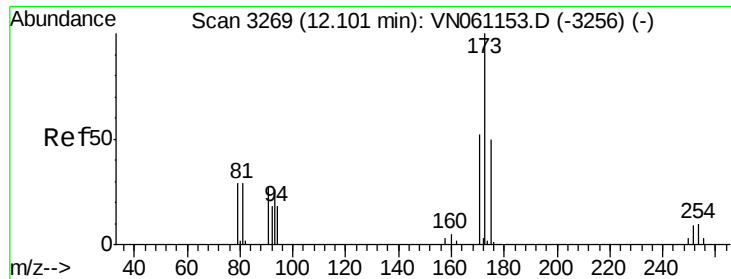
Tot Ion:106 Resp: 34075
Ion Ratio Lower Upper
106 100
91 224.1 109.7 329.0



#70
Styrene
Concen: 18.465 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Tgt Ion:104 Resp: 59138
Ion Ratio Lower Upper
104 100
78 52.4 42.1 63.1
103 53.3 43.3 64.9





#71

Bromoform

Concen: 20.003 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

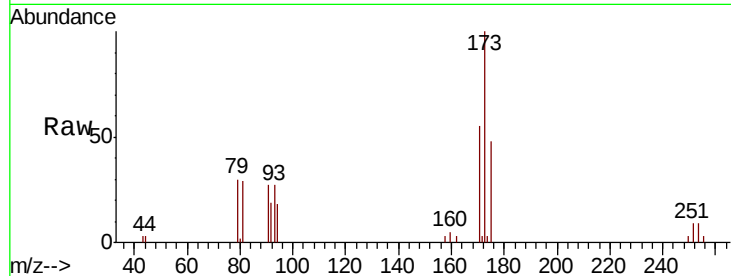
Tot Ion:173 Resp: 15297

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.4

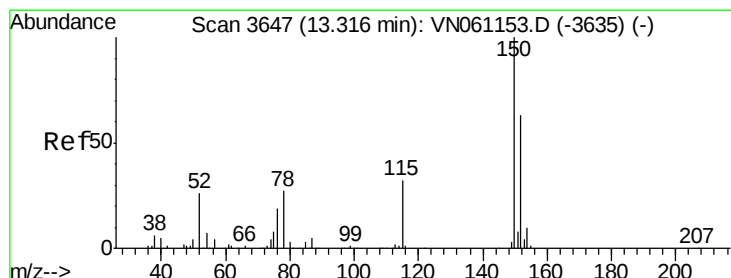
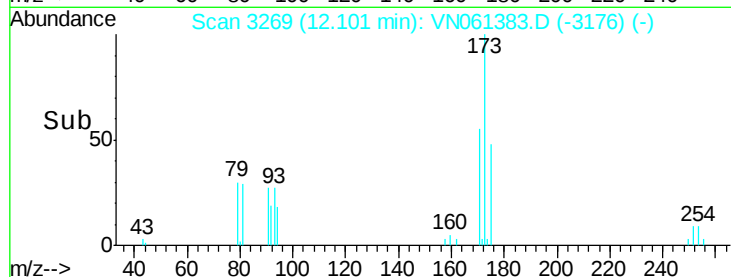
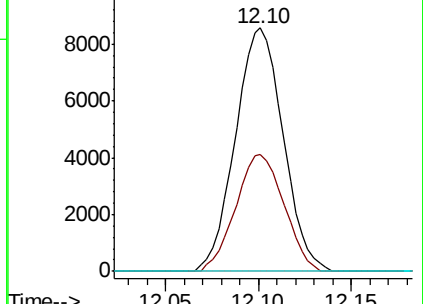
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3647

Delta R.T. 0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

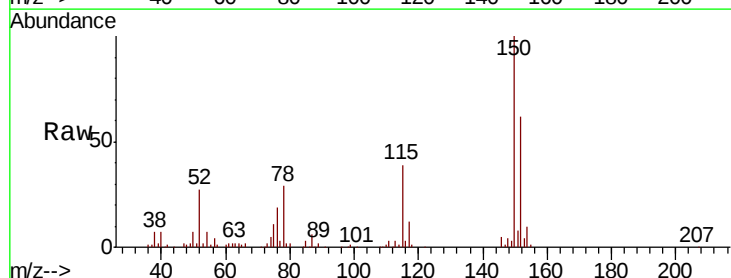
Tgt Ion:152 Resp: 68234

Ion Ratio Lower Upper

152 100

115 62.7 31.0 93.0

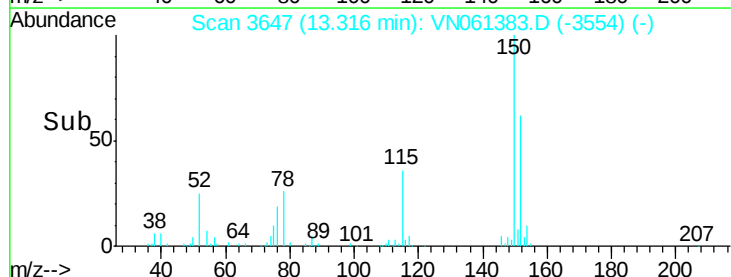
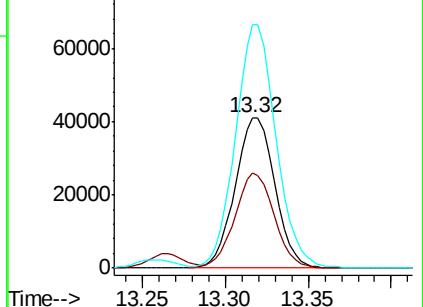
150 165.8 0.0 351.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.625 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Instrument :

MSVOA_N

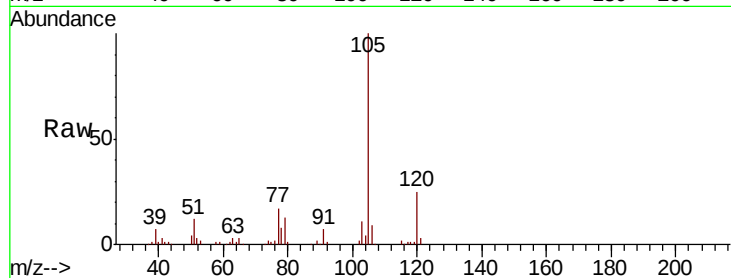
ClientSampleId :

Tot Ion:105 Resp: 93429

Ion Ratio Lower Upper

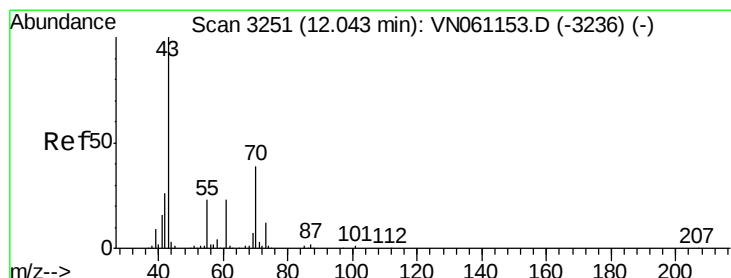
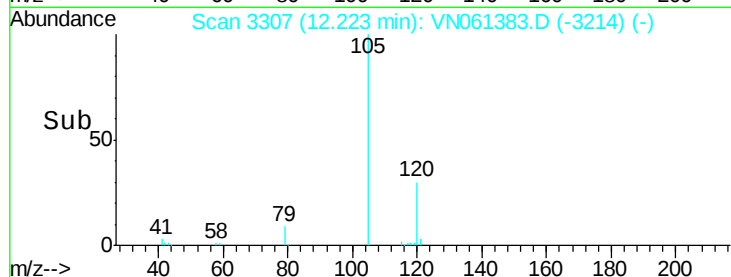
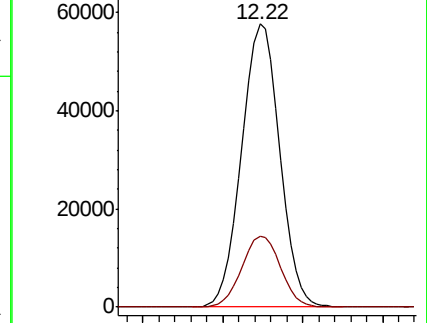
105 100

120 25.3 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.584 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Tgt Ion: 43 Resp: 47204

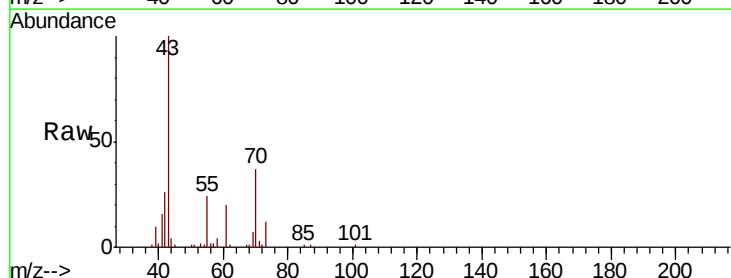
Ion Ratio Lower Upper

43 100

70 37.6 30.6 46.0

55 24.6 18.5 27.7

61 21.3 17.9 26.9

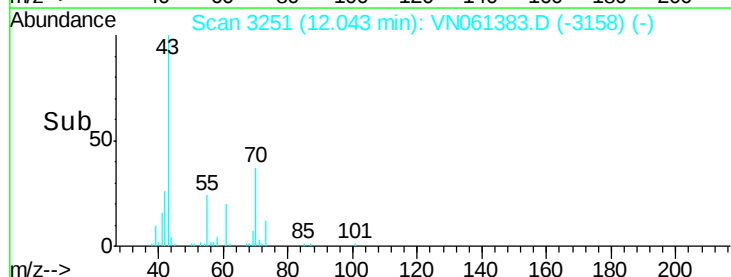
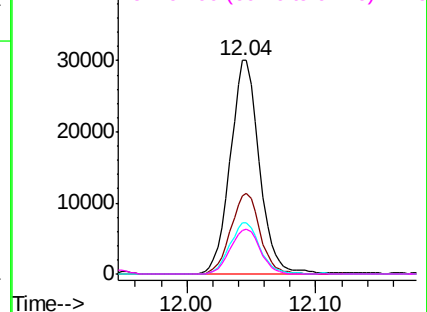


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 21.369 ug/l

RT: 12.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Instrument :

MSVOA_N

ClientSampled :

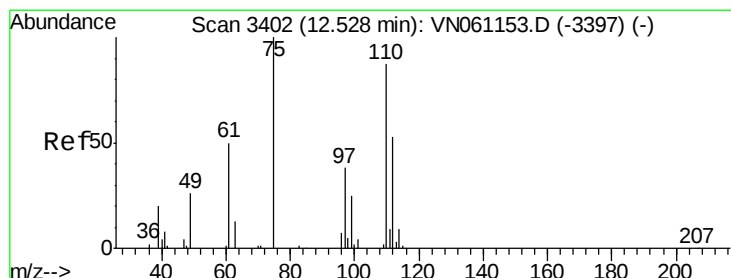
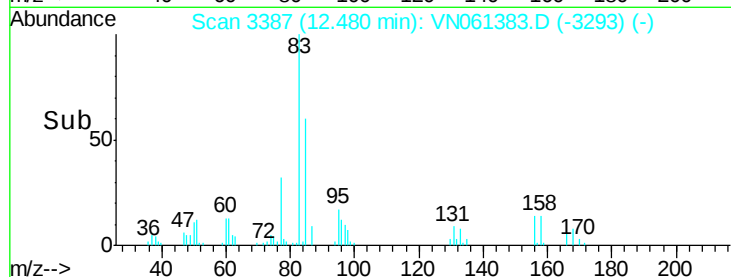
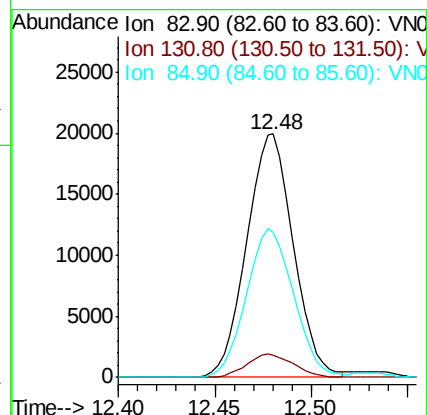
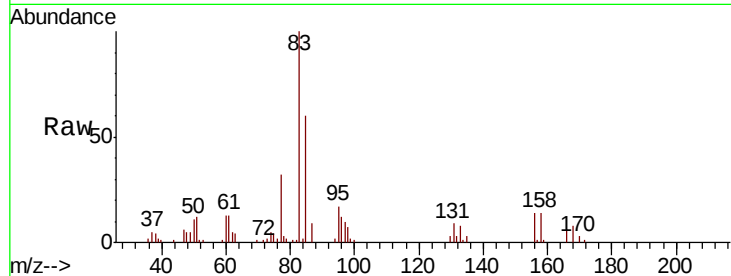
Tot Ion: 83 Resp: 33424

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.3

85 62.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 31.079 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061383.D

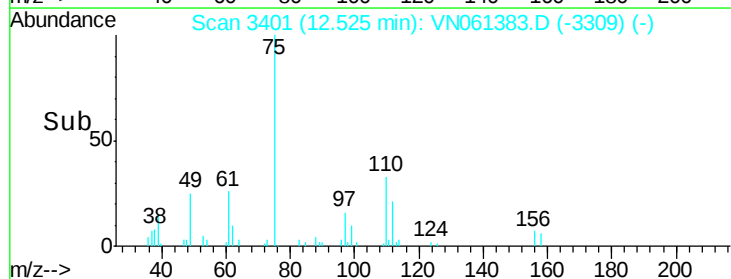
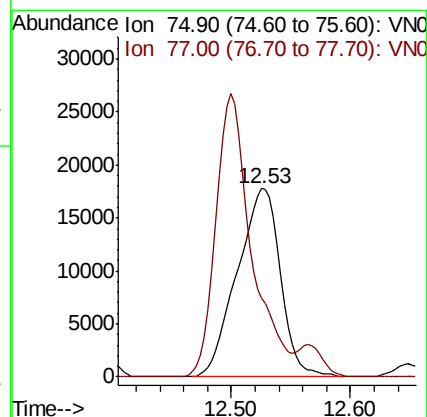
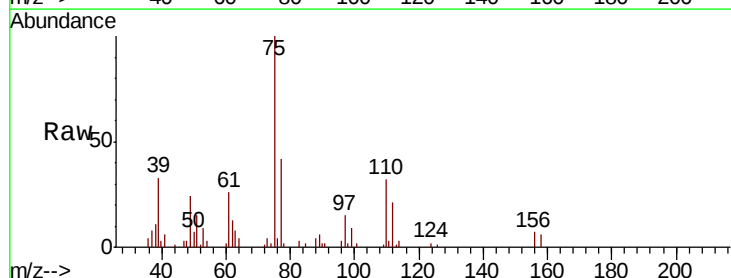
Acq: 11 May 2020 12:36

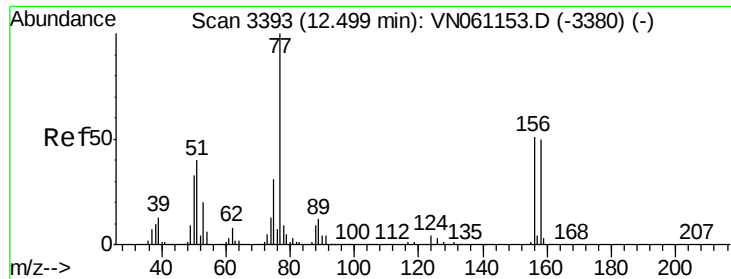
Tgt Ion: 75 Resp: 44709

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.246 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Instrument :

MSVOA_N

ClientSampled :

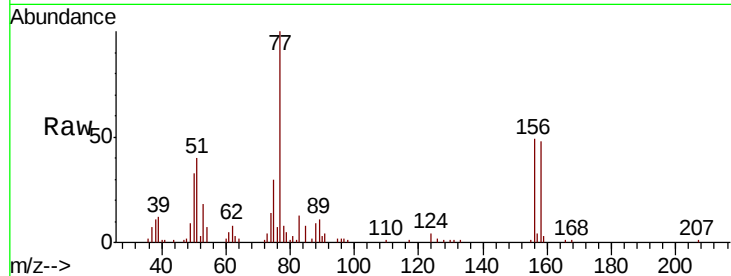
Tot Ion:156 Resp: 22286

Ion Ratio Lower Upper

156 100

77 248.3 117.4 352.2

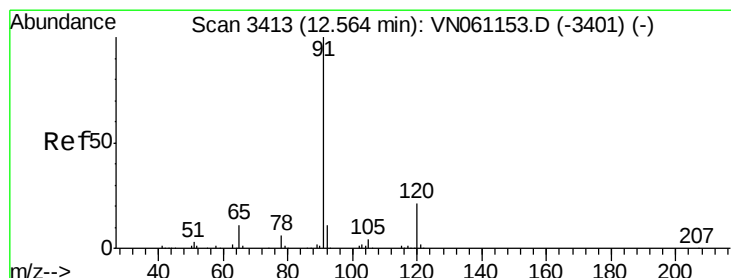
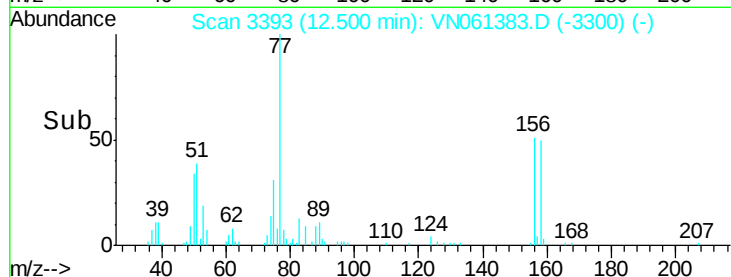
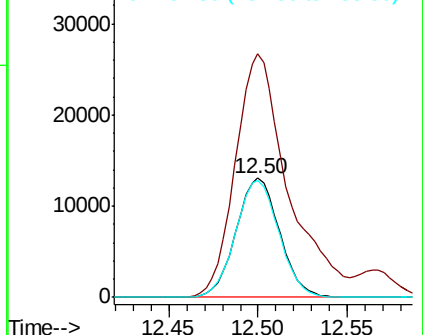
158 97.8 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.850 ug/l

RT: 12.56 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061383.D

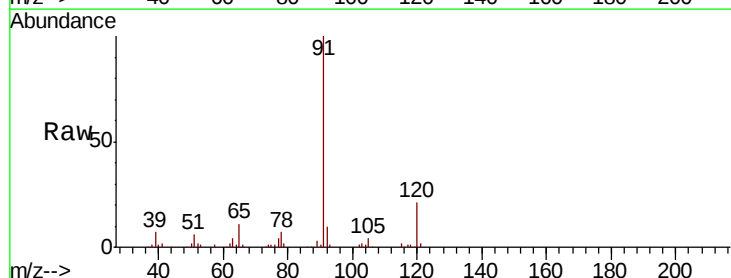
Acq: 11 May 2020 12:36

Tgt Ion: 91 Resp: 112156

Ion Ratio Lower Upper

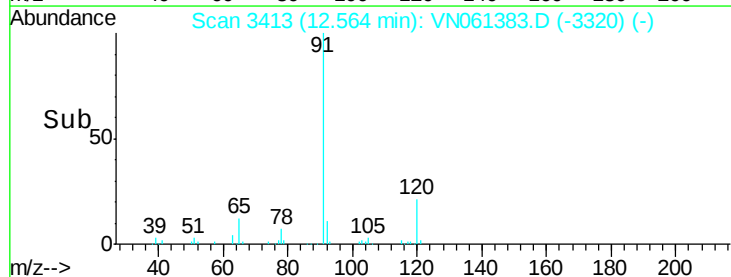
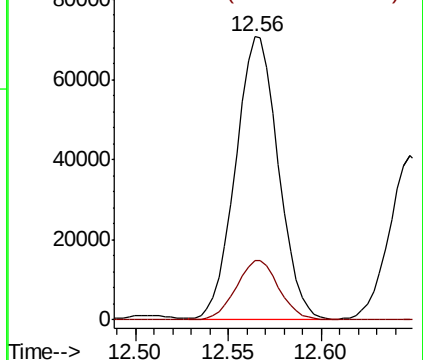
91 100

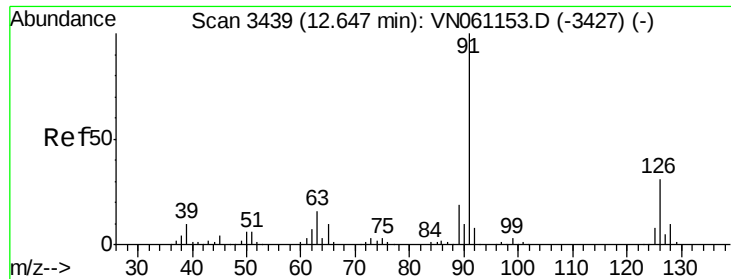
120 21.1 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

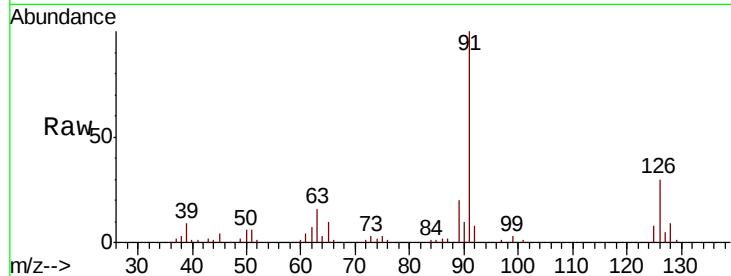




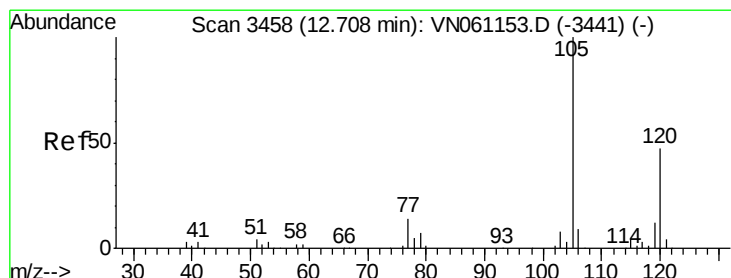
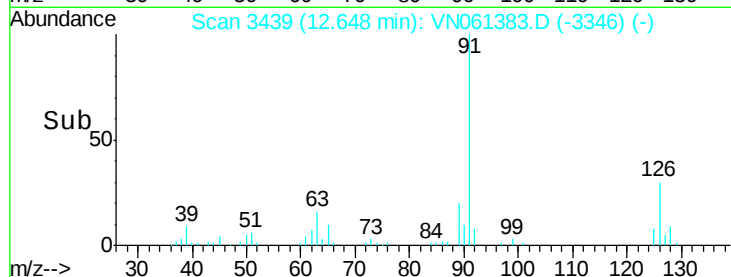
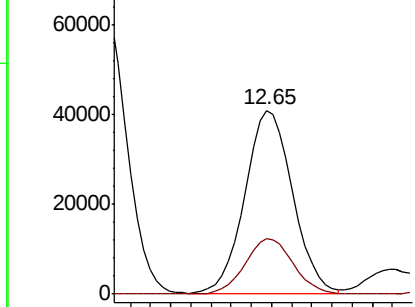
#79
 2-Chlorotoluene
 Concen: 19.322 ug/l
 RT: 12.65 min Scan# 3439
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 91 Resp: 67571
 Ion Ratio Lower Upper
 91 100
 126 30.5 15.9 47.7

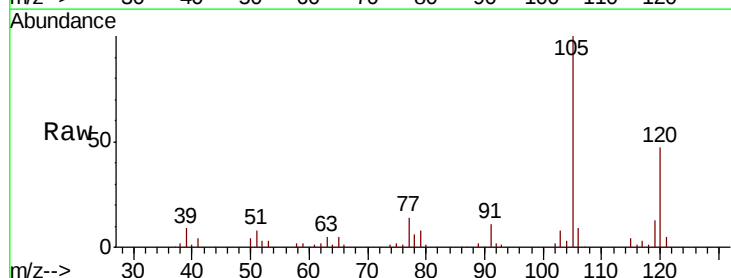


Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3427) (-)
 Ion 125.90 (125.60 to 126.60): VN061153.D (-3427) (-)

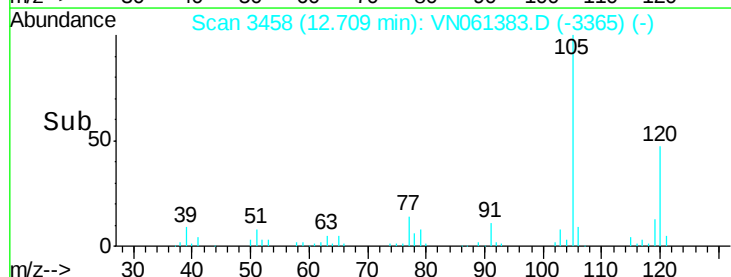
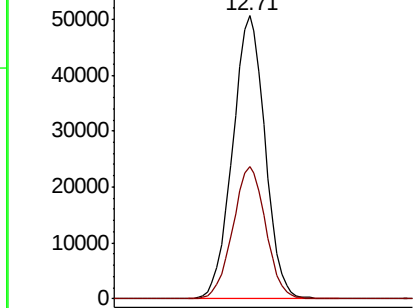


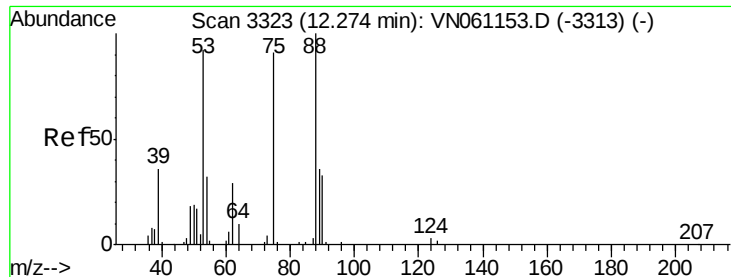
#80
 1,3,5-Trimethylbenzene
 Concen: 18.866 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Tgt Ion: 105 Resp: 78328
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN061153.D (-3441) (-)
 Ion 120.00 (119.70 to 120.70): VN061153.D (-3441) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.549 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

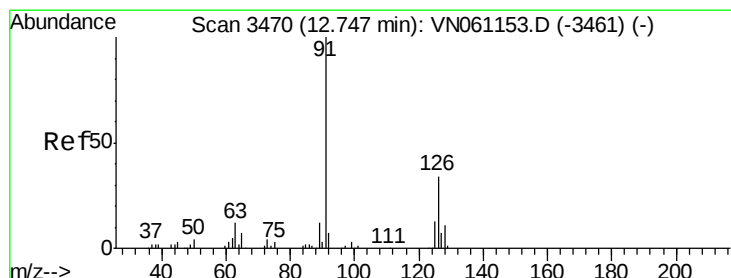
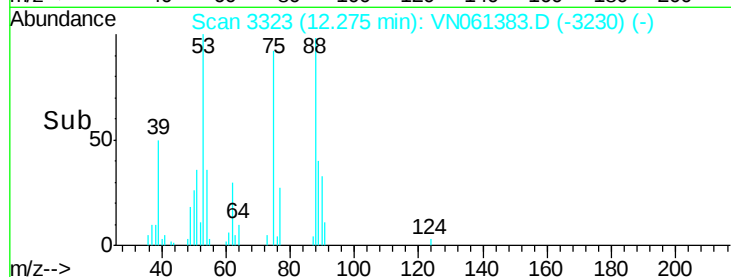
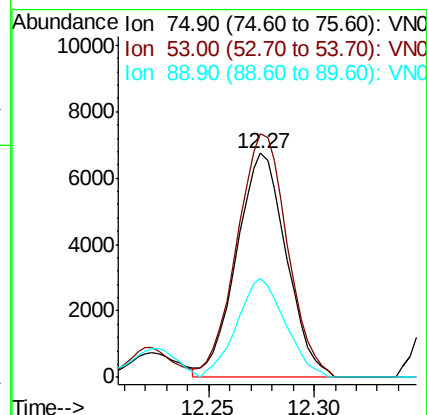
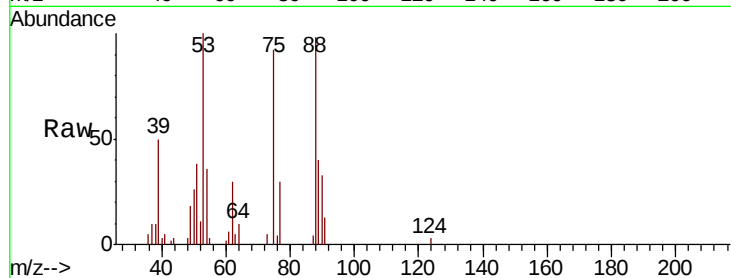
Tot Ion: 75 Resp: 11074

Ion Ratio Lower Upper

75 100

53 110.2 84.1 126.1

89 42.7 35.2 52.8



#82

4-Chlorotoluene

Concen: 19.266 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061383.D

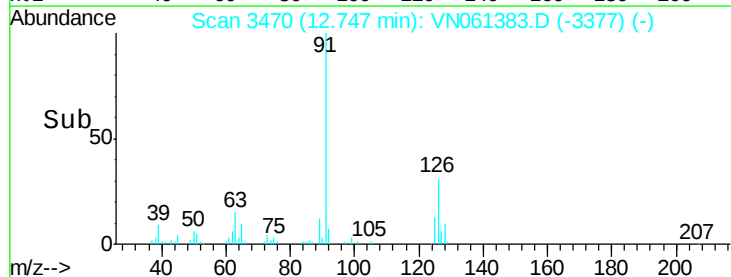
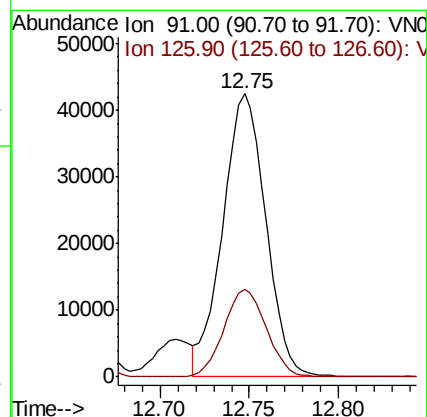
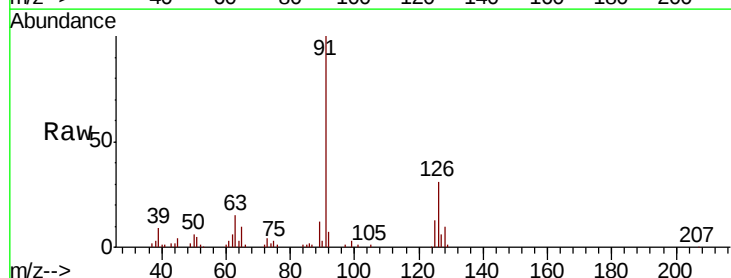
Acq: 11 May 2020 12:36

Tgt Ion: 91 Resp: 71010

Ion Ratio Lower Upper

91 100

126 30.5 15.7 47.1

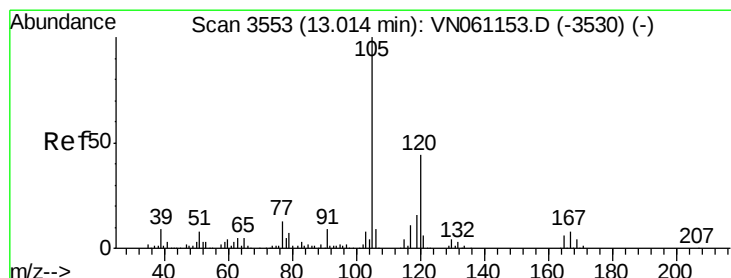
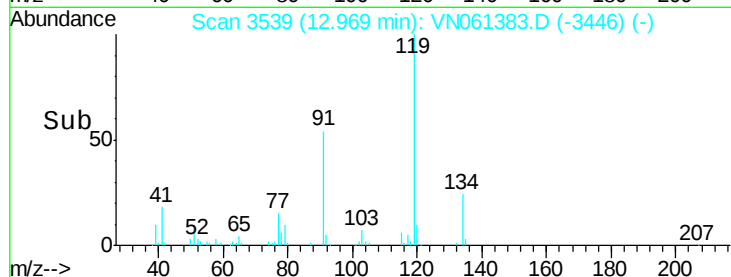
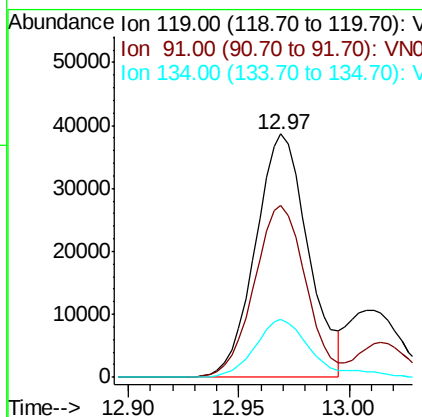
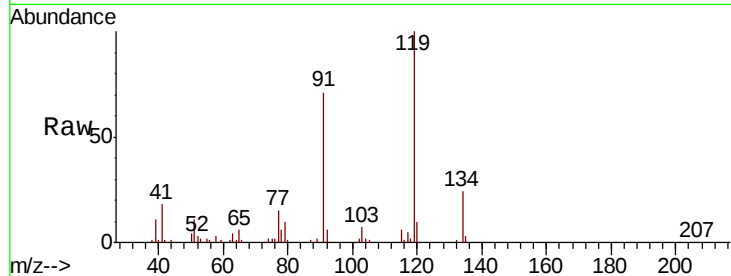




#83
 tert-Butylbenzene
 Concen: 18.231 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

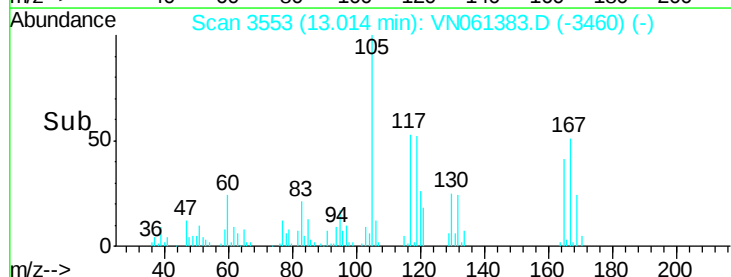
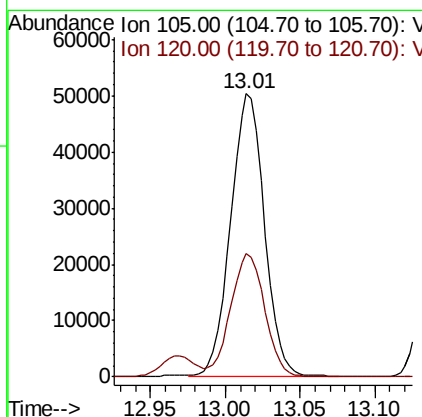
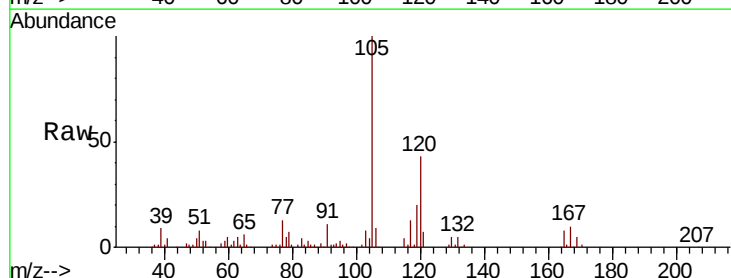
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:119 Resp: 63822
 Ion Ratio Lower Upper
 119 100
 91 69.6 34.8 104.4
 134 25.6 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 18.578 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Tgt Ion:105 Resp: 79465
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 17.965 ug/l

RT: 13.15 min Scan# 3594

Delta R.T. 0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Instrument :

MSVOA_N

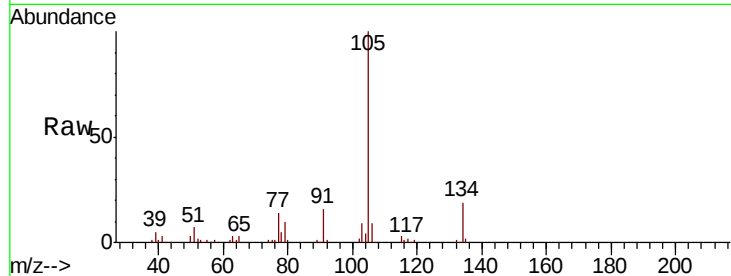
ClientSampleId :

Tot Ion:105 Resp: 85746

Ion Ratio Lower Upper

105 100

134 18.5 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

60000

50000

40000

30000

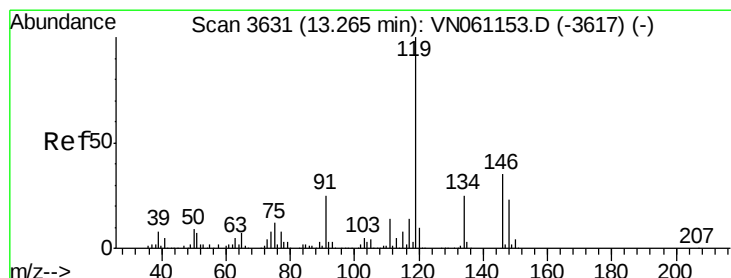
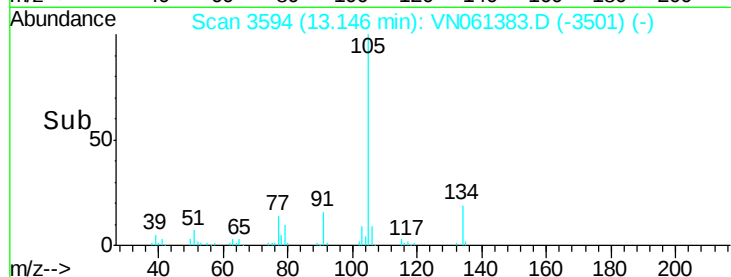
20000

10000

0

Time-->

13.10 13.15 13.20



#86

p-Isopropyltoluene

Concen: 17.494 ug/l

RT: 13.26 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

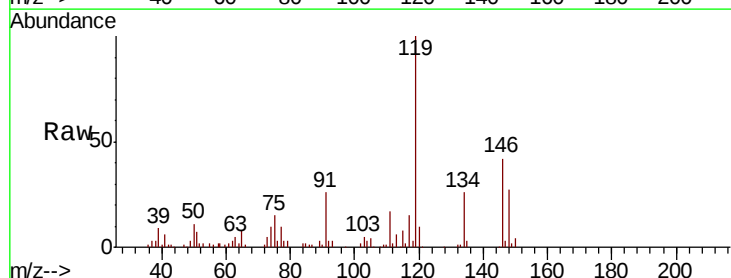
Tgt Ion:119 Resp: 75227

Ion Ratio Lower Upper

119 100

134 25.7 12.6 37.6

91 25.8 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

60000

50000

40000

30000

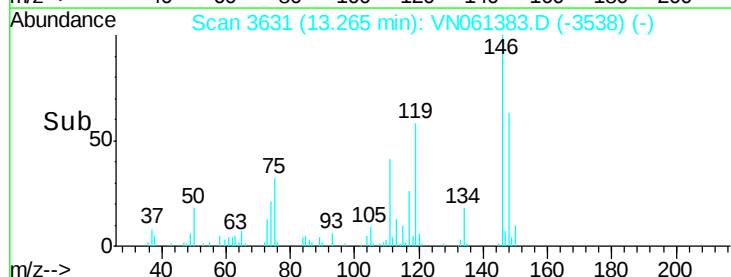
20000

10000

0

Time-->

13.20 13.25 13.30





#87

1,3-Dichlorobenzene

Concen: 19.502 ug/l

RT: 13.26 min Scan# 3629

Delta R.T. 0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

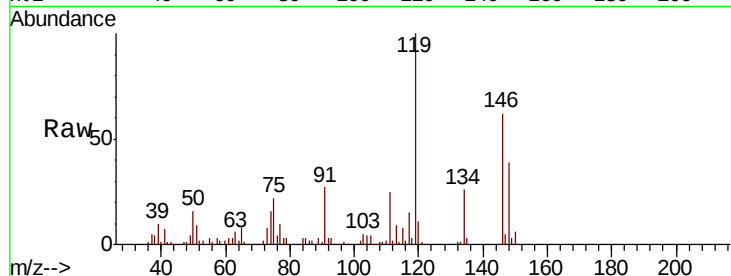
Tot Ion:146 Resp: 41572

Ion Ratio Lower Upper

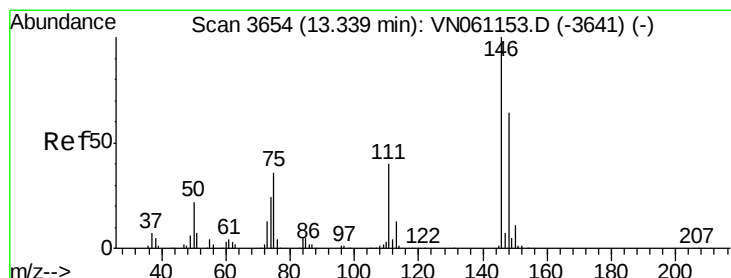
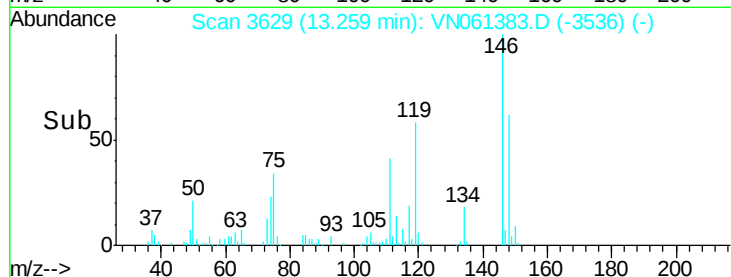
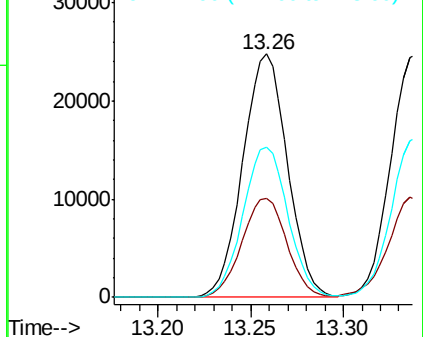
146 100

111 41.1 20.7 62.1

148 62.4 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: 19.189 ug/l

RT: 13.34 min Scan# 3654

Delta R.T. 0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

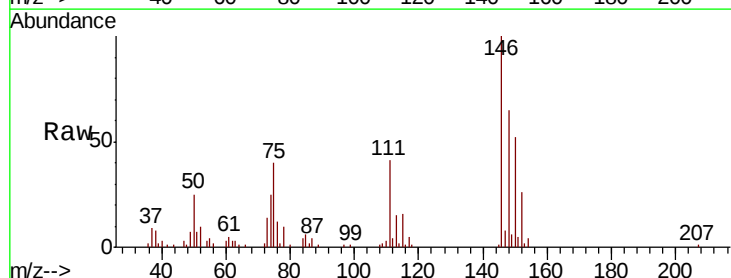
Tgt Ion:146 Resp: 41795

Ion Ratio Lower Upper

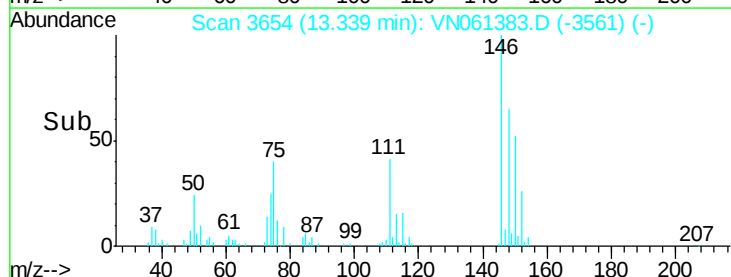
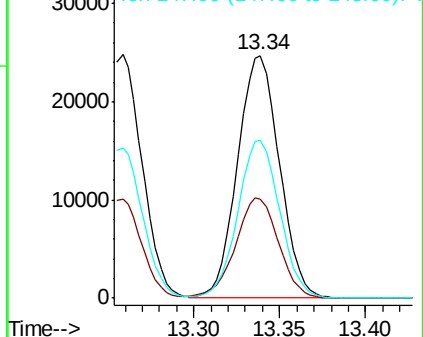
146 100

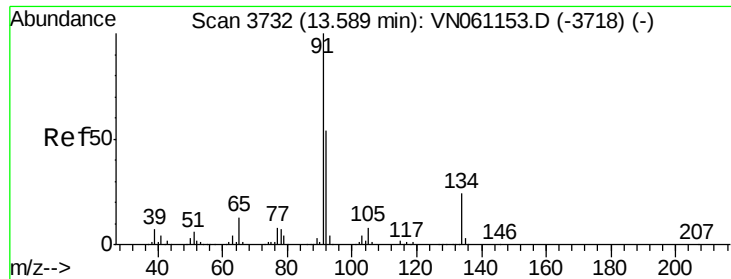
111 42.6 20.4 61.3

148 65.1 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

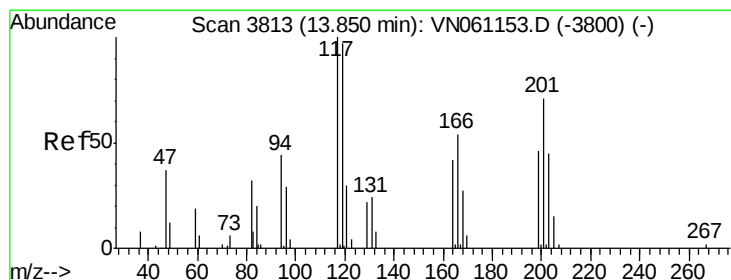
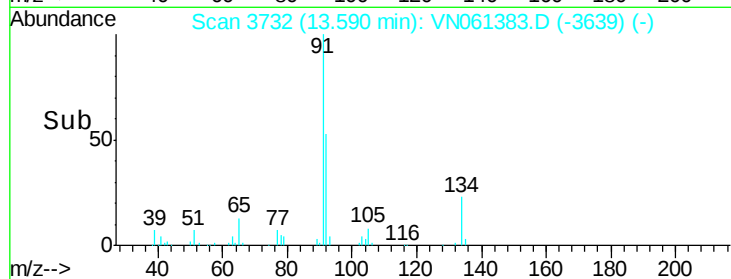
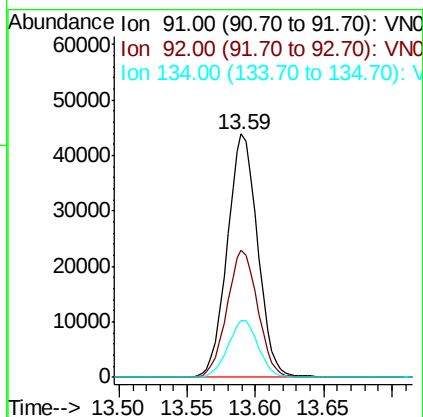
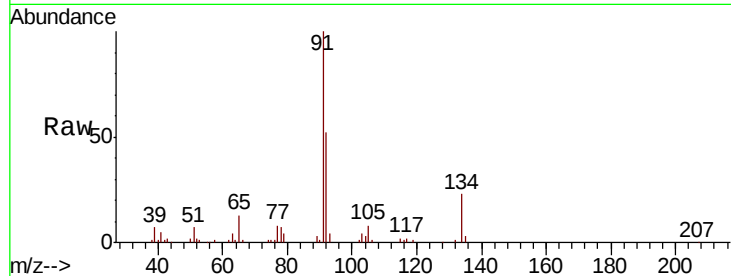




#89
n-Butylbenzene
Concen: 17.250 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

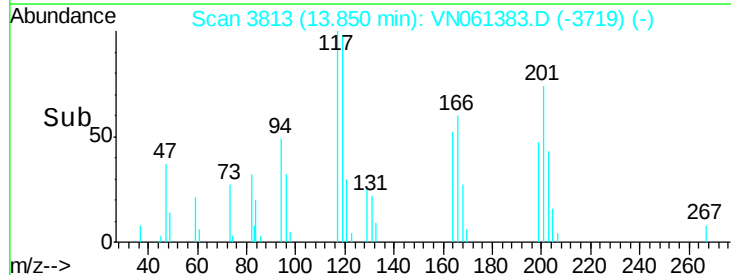
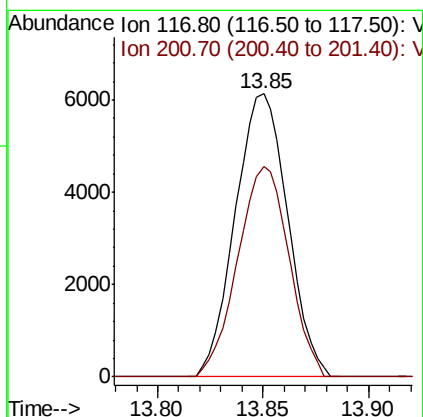
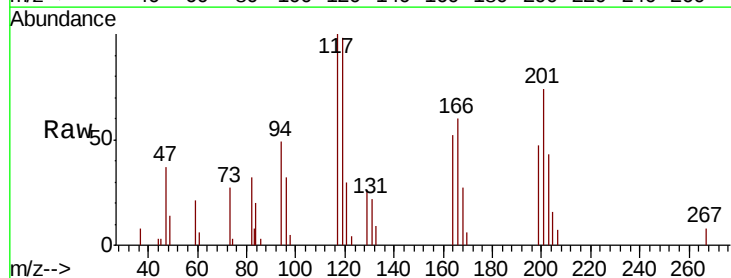
Instrument :
MSVOA_N
ClientSampled :

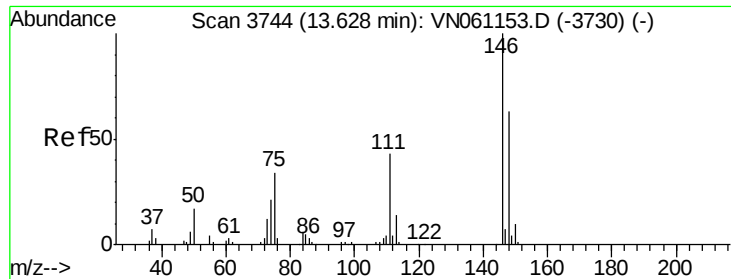
Tot Ion: 91 Resp: 68004
Ion Ratio Lower Upper
91 100
92 52.7 26.8 80.3
134 23.2 11.9 35.5



#90
Hexachloroethane
Concen: 27.654 ug/l
RT: 13.85 min Scan# 3813
Delta R.T. 0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Tgt Ion: 117 Resp: 10600
Ion Ratio Lower Upper
117 100
201 72.8 35.5 106.7





#91

1,2-Dichlorobenzene

Concen: 19.721 ug/l

RT: 13.63 min Scan# 3744

Delta R.T. 0.00 min

Lab File: VN061383.D

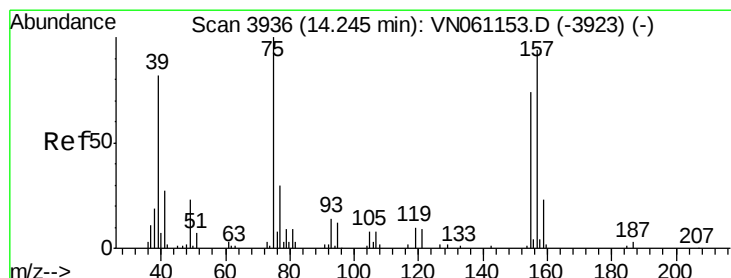
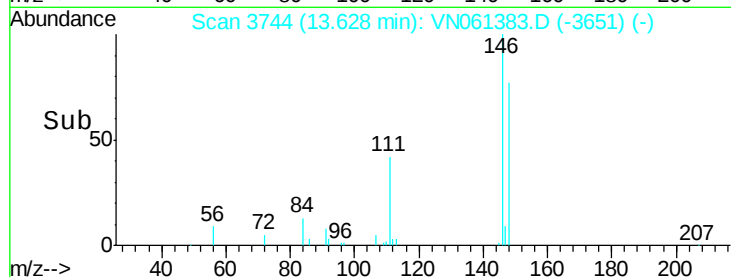
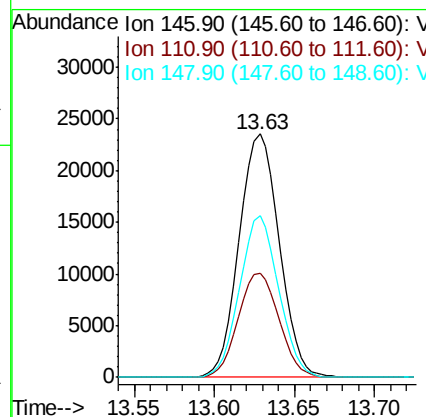
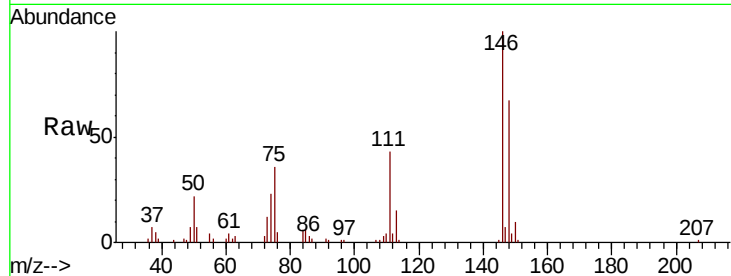
Acq: 11 May 2020 12:36

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:	146	Resp:	40310
Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.8	65.3
148	64.1	31.6	95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.534 ug/l

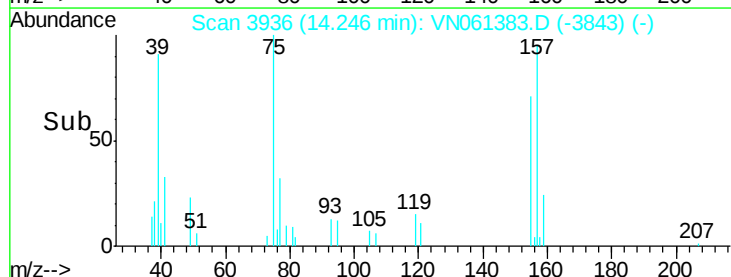
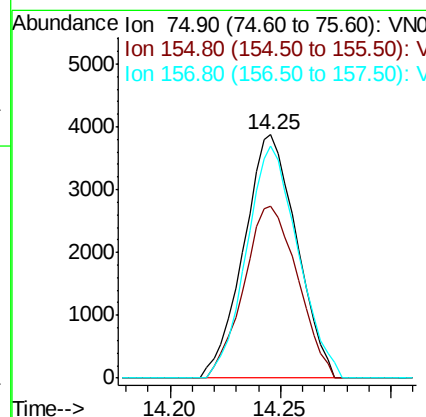
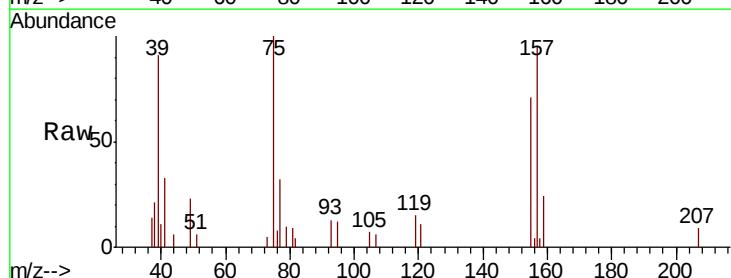
RT: 14.25 min Scan# 3936

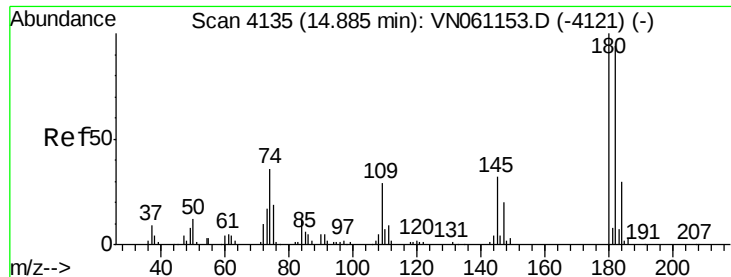
Delta R.T. 0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Tgt Ion:	75	Resp:	6453
Ion	Ratio	Lower	Upper
75	100		
155	71.8	36.5	109.7
157	92.8	46.6	139.7

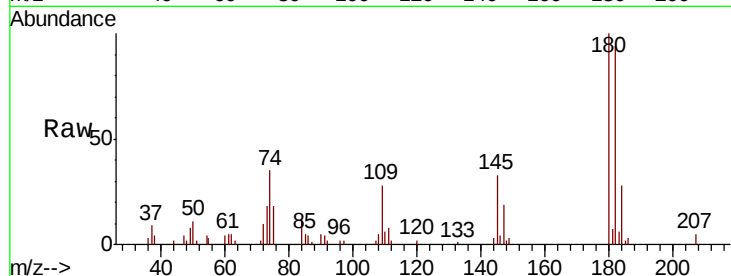




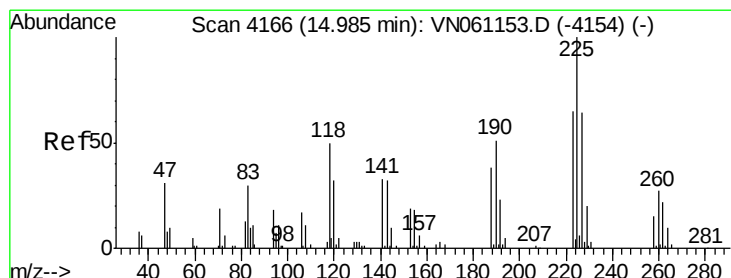
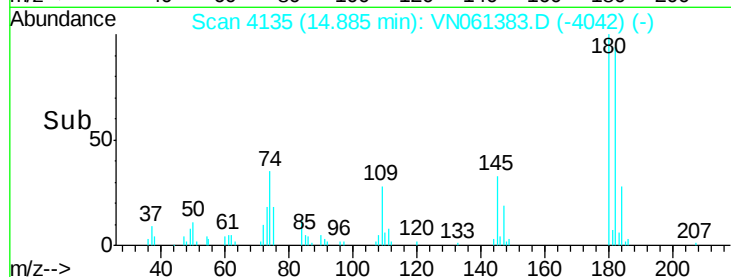
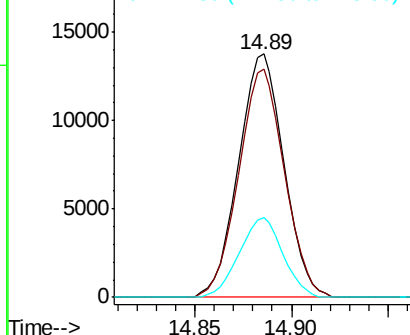
#93
 1,2,4-Trichlorobenzene
 Concen: 17.989 ug/l
 RT: 14.89 min Scan# 4135
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.3	141.9
145	31.6	16.0	47.9

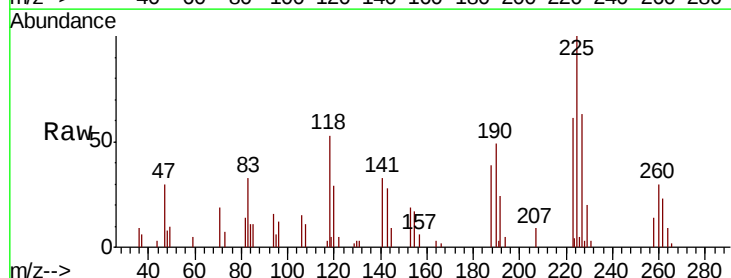


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

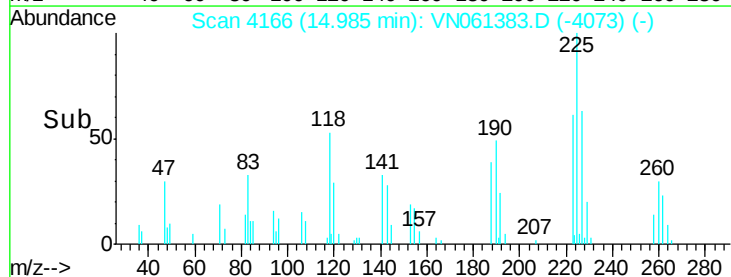
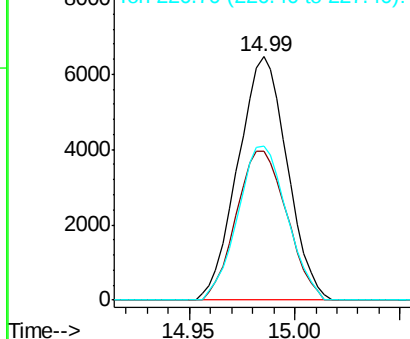


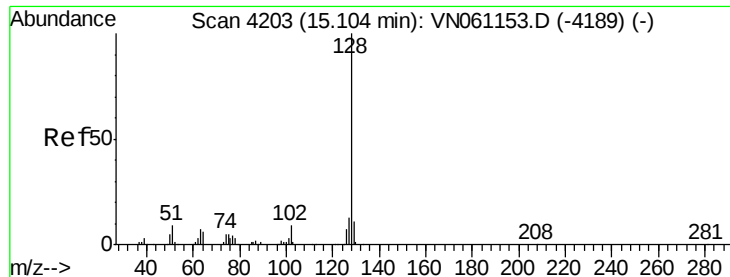
#94
 Hexachlorobutadiene
 Concen: 20.158 ug/l
 RT: 14.99 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	32.4	97.0
227	63.2	32.4	97.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

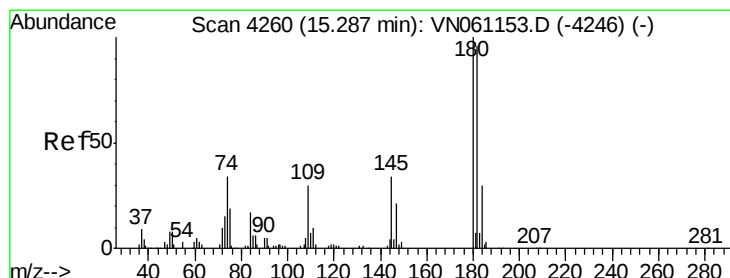
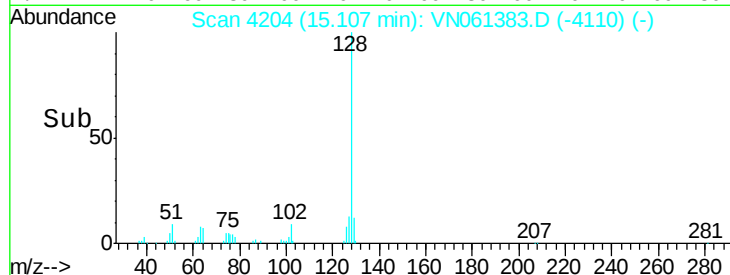
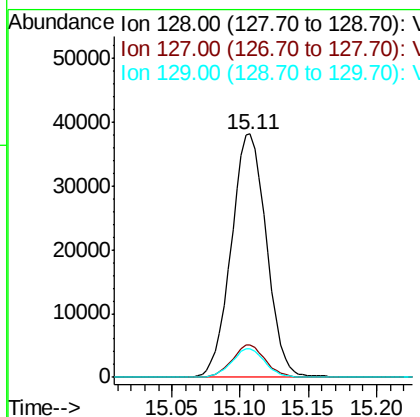
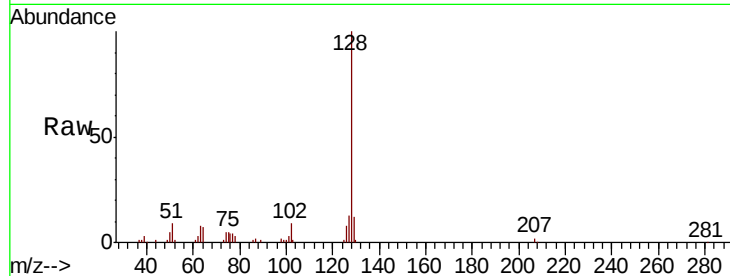




#95
Naphthalene
Concen: 16.869 ug/l
RT: 15.11 min Scan# 4204
Delta R.T. 0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 68380
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.190 ug/l
RT: 15.29 min Scan# 4260
Delta R.T. 0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Tgt Ion:180 Resp: 22353
Ion Ratio Lower Upper
180 100
182 94.5 47.5 142.5
145 32.4 16.9 50.7

