

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042920\
 Data File : VN061183.D
 Acq On : 29 Apr 2020 11:18
 Operator : JC/MD
 Sample : VN0429WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 29 15:14:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	104020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	177928	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	165982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	78715	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	79431	48.26	ug/l	0.00
Spiked Amount			Recovery	=	96.52%	
35) Dibromofluoromethane	7.54	113	52404	49.81	ug/l	0.00
Spiked Amount			Recovery	=	99.62%	
50) Toluene-d8	10.06	98	210792	49.15	ug/l	0.00
Spiked Amount			Recovery	=	98.30%	
62) 4-Bromofluorobenzene	12.37	95	77947	48.29	ug/l	0.00
Spiked Amount			Recovery	=	96.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	21879	19.835	ug/l	97
3) Chloromethane	2.03	50	25041	18.744	ug/l	98
4) Vinyl Chloride	2.16	62	28368	18.696	ug/l	99
5) Bromomethane	2.54	94	14005	18.672	ug/l	94
6) Chloroethane	2.67	64	18036	18.753	ug/l	98
7) Trichlorofluoromethane	2.98	101	35552	20.767	ug/l	100
8) Diethyl Ether	3.37	74	13667	19.140	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	21244	19.263	ug/l	99
10) Methyl Iodide	3.90	142	26570	18.746	ug/l	98
11) Tert butyl alcohol	4.73	59	18895	85.698	ug/l #	86
12) 1,1-Dichloroethene	3.69	96	20498	18.677	ug/l	99
13) Acrolein	3.56	56	10464	71.217	ug/l	93
14) Allyl chloride	4.27	41	41676	20.480	ug/l	97
15) Acrylonitrile	4.92	53	58737	86.783	ug/l	100
16) Acetone	3.77	43	53155	79.742	ug/l	100
17) Carbon Disulfide	4.01	76	57273	18.892	ug/l	100
18) Methyl Acetate	4.27	43	33684	16.671	ug/l	98
19) Methyl tert-butyl Ether	4.98	73	75766	18.067	ug/l	98
20) Methylene Chloride	4.50	84	23672	18.444	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	22683	18.980	ug/l	96
22) Diisopropyl ether	5.90	45	86184	18.264	ug/l	98
23) Vinyl Acetate	5.84	43	343189	90.323	ug/l	99
24) 1,1-Dichloroethane	5.79	63	46294	18.776	ug/l	98
25) 2-Butanone	6.78	43	81955	84.148	ug/l	99
26) 2,2-Dichloropropane	6.77	77	42018	20.233	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	26203	18.684	ug/l	99
28) Bromochloromethane	7.15	49	22745	19.463	ug/l	100
29) Tetrahydrofuran	7.16	42	55571	84.703	ug/l	99
30) Chloroform	7.32	83	45702	18.291	ug/l	99
31) Cyclohexane	7.61	56	42948	17.937	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	40832	18.767	ug/l	99
36) 1,1-Dichloropropene	7.75	75	33529	18.824	ug/l	98
37) Ethyl Acetate	6.88	43	36228	17.350	ug/l	99
38) Carbon Tetrachloride	7.73	117	28270	18.887	ug/l	99

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

39) Methylcyclohexane	9.04	83	37593	18.820	ug/l	98
40) Benzene	8.00	78	99669	18.783	ug/l	100
41) Methacrylonitrile	7.16	41	52824	60.929	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	39971	19.883	ug/l	99
43) Isopropyl Acetate	8.12	43	61631	17.785	ug/l	100
44) Trichloroethene	8.80	130	26525	18.491	ug/l	97
45) 1,2-Dichloropropane	9.08	63	26894	18.971	ug/l	99
46) Dibromomethane	9.17	93	16970	19.333	ug/l	98
47) Bromodichloromethane	9.37	83	35875	19.041	ug/l	96
48) Methyl methacrylate	9.16	41	27062	17.306	ug/l	96
49) 1,4-Dioxane	9.16	88	6803	383.250	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	179623	88.059	ug/l	100
52) Toluene	10.12	92	60847	19.037	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	40182	18.928	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	42225	18.814	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	23899	18.746	ug/l	99
56) Ethyl methacrylate	10.40	69	34990	17.618	ug/l	97
57) 1,3-Dichloropropane	10.68	76	42248	18.853	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	92303	89.445	ug/l	100
59) 2-Hexanone	10.72	43	129789	87.459	ug/l	99
60) Dibromochloromethane	10.87	129	24795	18.570	ug/l	100
61) 1,2-Dibromoethane	10.98	107	23642	18.502	ug/l	97
64) Tetrachloroethene	10.60	164	27111	18.859	ug/l	97
65) Chlorobenzene	11.40	112	61749	18.754	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	22664	19.232	ug/l	99
67) Ethyl Benzene	11.48	91	117875	19.124	ug/l	99
68) m/p-Xylenes	11.59	106	86184	38.201	ug/l	100
69) o-Xylene	11.92	106	39928	18.425	ug/l	96
70) Styrene	11.94	104	66214	18.256	ug/l	98
71) Bromoform	12.10	173	16048	18.529	ug/l #	99
73) Isopropylbenzene	12.22	105	110033	19.015	ug/l	99
74) N-amyl acetate	12.04	43	51207	17.475	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	34339	19.031	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	45958	27.693	ug/l #	100
77) Bromobenzene	12.50	156	25754	19.279	ug/l	99
78) n-propylbenzene	12.56	91	132850	19.355	ug/l	100
79) 2-Chlorotoluene	12.65	91	78265	19.400	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	93418	19.505	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	11775	18.019	ug/l	98
82) 4-Chlorotoluene	12.75	91	81235	19.105	ug/l	99
83) tert-Butylbenzene	12.97	119	76481	18.938	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	94480	19.147	ug/l	100
85) sec-Butylbenzene	13.15	105	107079	19.448	ug/l	100
86) p-Isopropyltoluene	13.26	119	95468	19.244	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	46083	18.739	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	46385	18.461	ug/l	98
89) n-Butylbenzene	13.59	91	87334	19.204	ug/l	99
90) Hexachloroethane	13.85	117	8744	21.947	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	44261	18.771	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	6844	17.959	ug/l	96

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QLast Update : Wed Apr 29 08:14:26 2020
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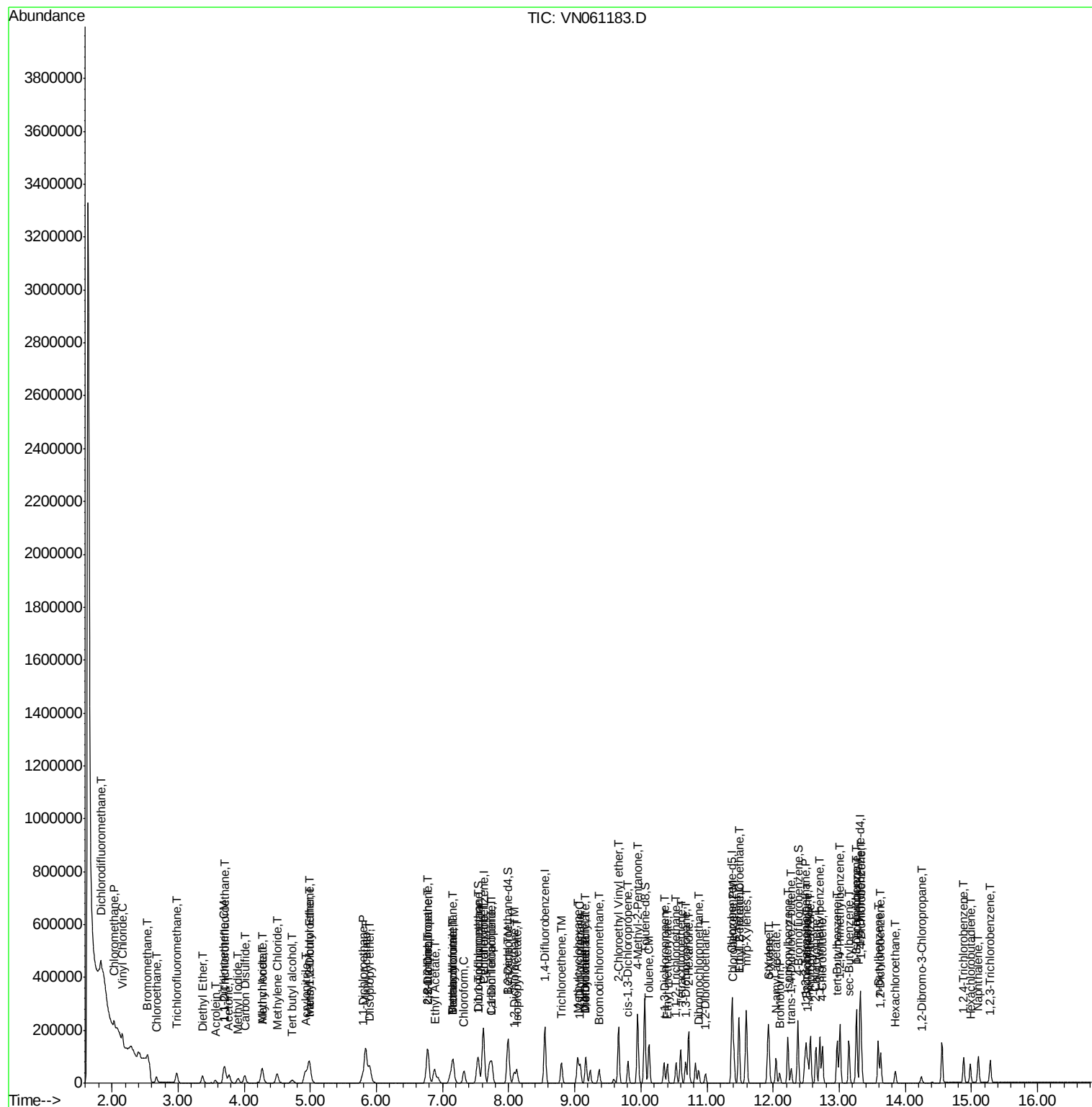
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	26909	18.741	ug/l	97
94) Hexachlorobutadiene	14.98	225	12168	20.285	ug/l	99
95) Naphthalene	15.10	128	79933	17.094	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	25935	18.295	ug/l	100

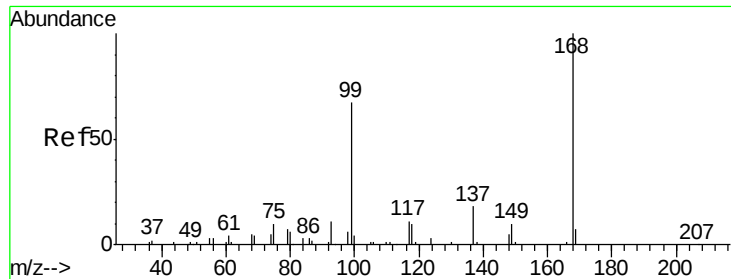
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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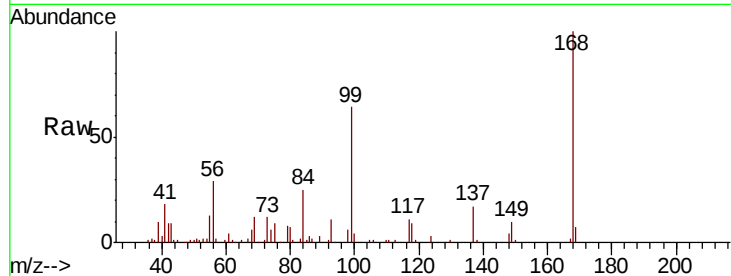


#1

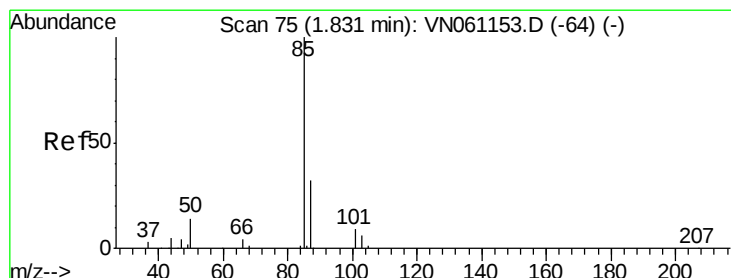
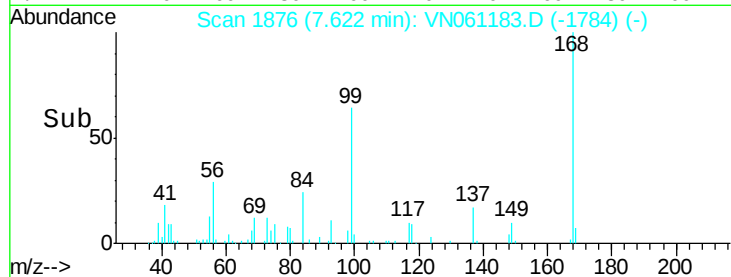
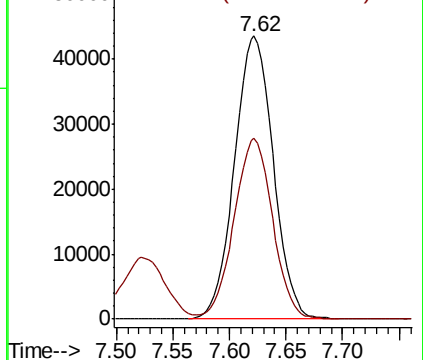
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.62 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VN061183.D
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Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:168 Resp: 104020
 Ion Ratio Lower Upper
 168 100
 99 63.8 51.2 76.8



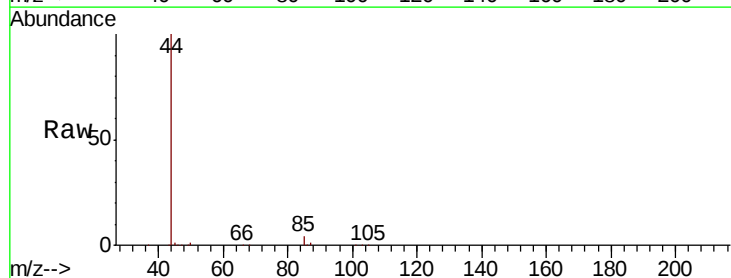
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VNO



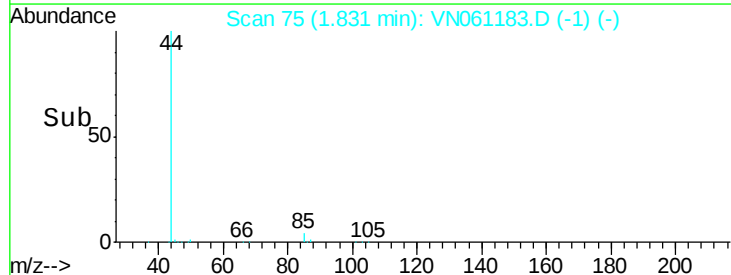
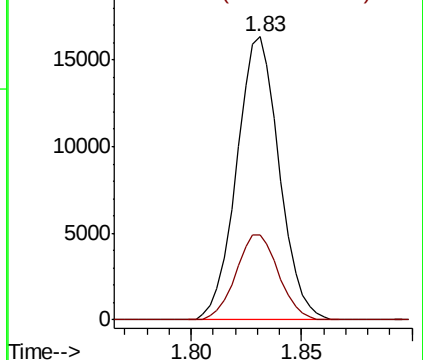
#2

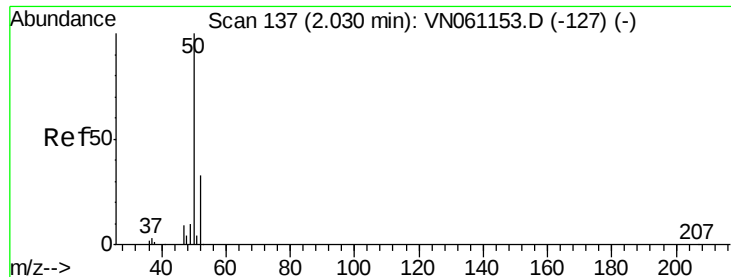
Dichlorodifluoromethane
 Concen: 19.835 ug/l
 RT: 1.83 min Scan# 75
 Delta R.T. 0.00 min
 Lab File: VN061183.D
 Acq: 29 Apr 2020 11:18

Tgt Ion: 85 Resp: 21879
 Ion Ratio Lower Upper
 85 100
 87 30.2 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: 18.744 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061183.D

Acq: 29 Apr 2020 11:18

Instrument :

MSVOA_N

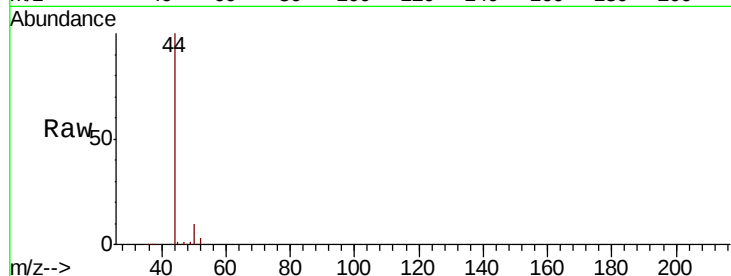
ClientSampled :

Tot Ion: 50 Resp: 25041

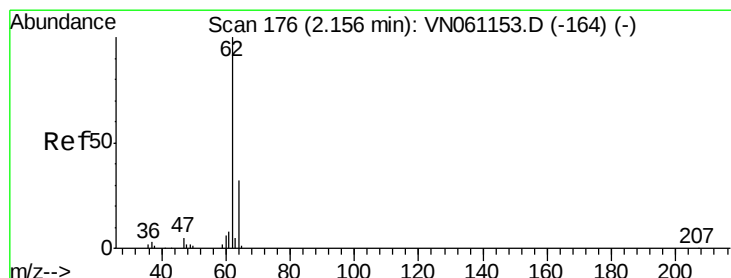
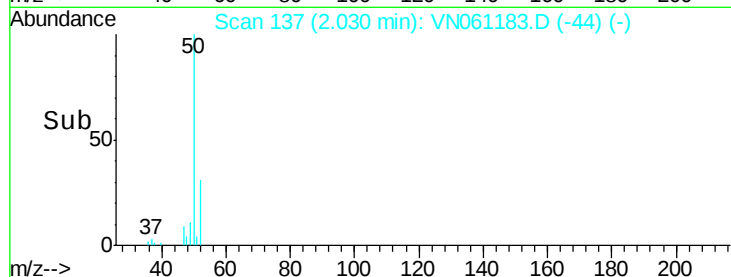
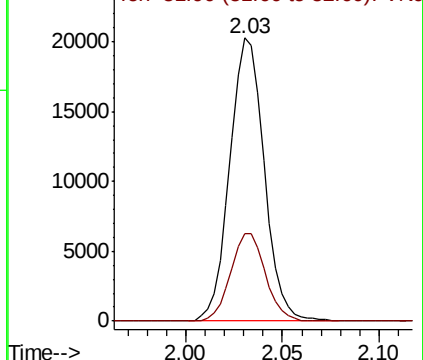
Ion Ratio Lower Upper

50 100

52 31.1 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 18.696 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061183.D

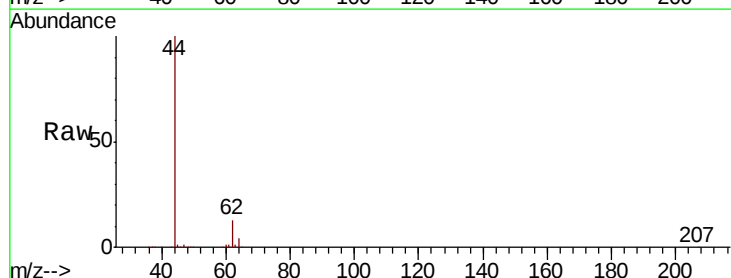
Acq: 29 Apr 2020 11:18

Tgt Ion: 62 Resp: 28368

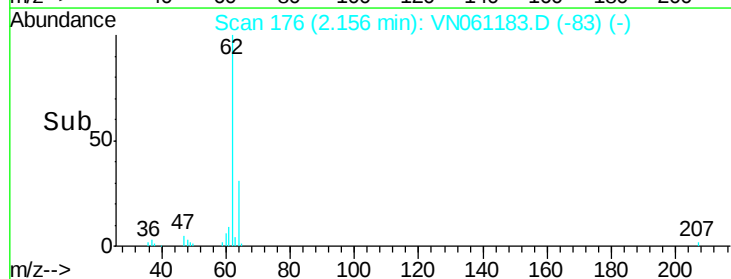
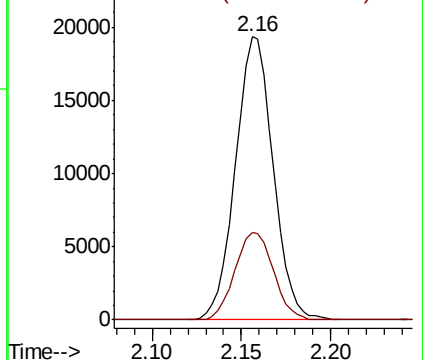
Ion Ratio Lower Upper

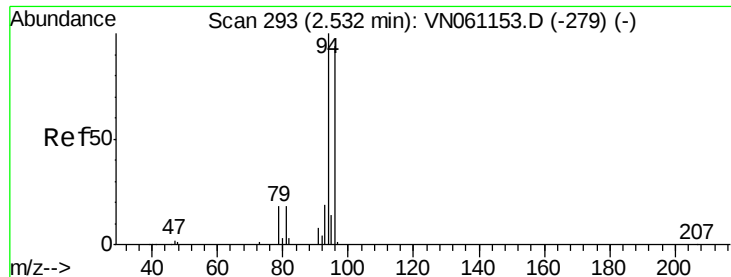
62 100

64 30.9 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 18.672 ug/l

RT: 2.54 min Scan# 295

Delta R.T. 0.01 min

Lab File: VN061183.D

Acq: 29 Apr 2020 11:18

Instrument :

MSVOA_N

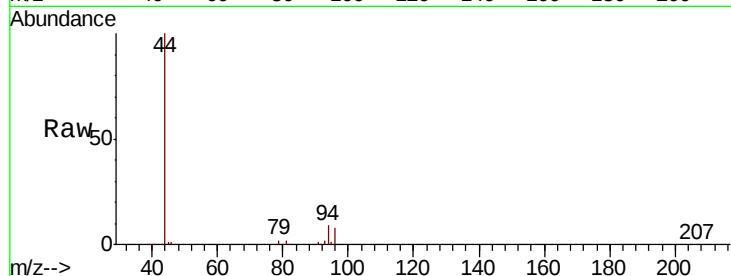
ClientSampleId :

Tot Ion: 94 Resp: 14005

Ion Ratio Lower Upper

94 100

96 88.5 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.54

8000

6000

4000

2000

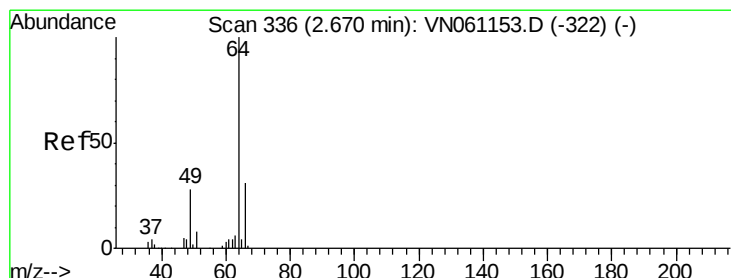
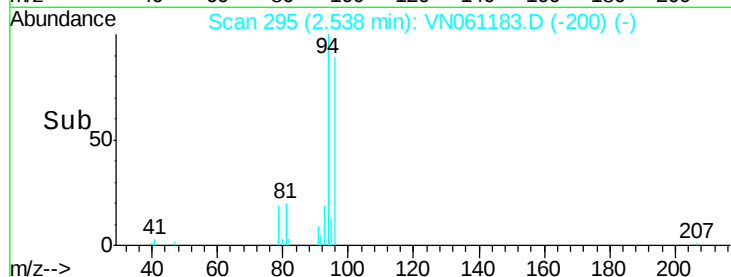
0

Time-->

2.50

2.55

2.60



#6

Chloroethane

Concen: 18.753 ug/l

RT: 2.67 min Scan# 336

Delta R.T. 0.00 min

Lab File: VN061183.D

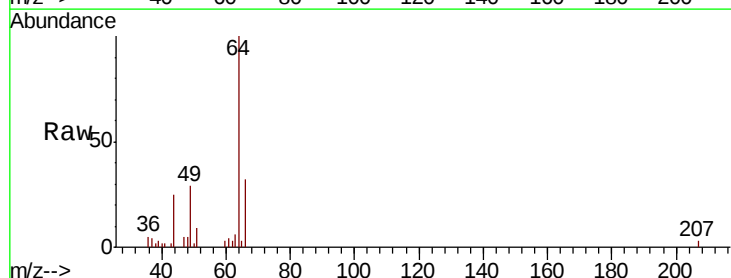
Acq: 29 Apr 2020 11:18

Tgt Ion: 64 Resp: 18036

Ion Ratio Lower Upper

64 100

66 31.9 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

10000

8000

6000

4000

2000

0

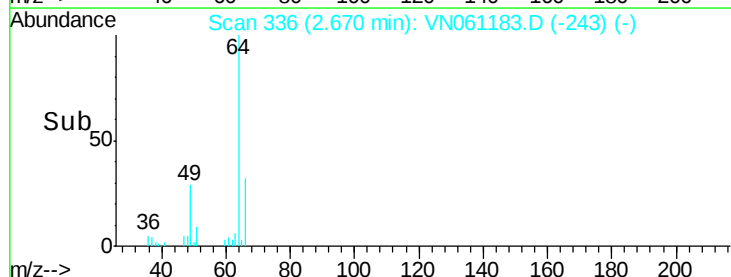
Time-->

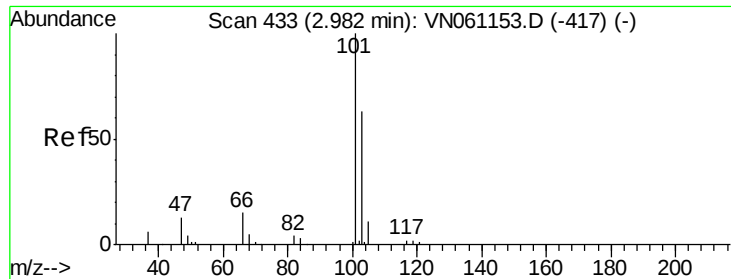
2.60

2.65

2.70

2.75



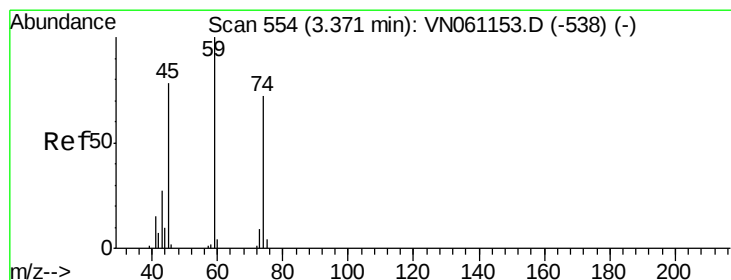
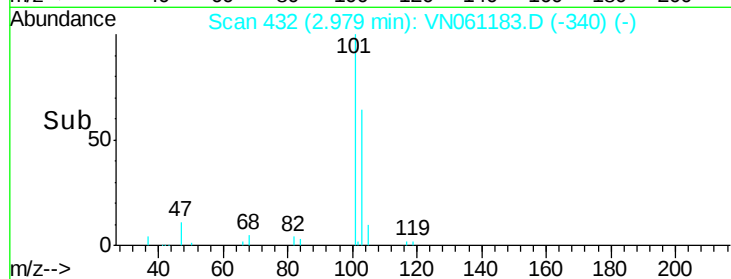
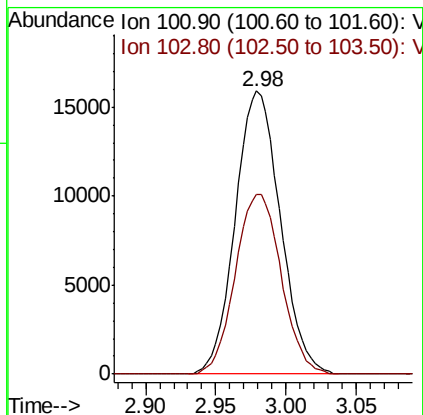
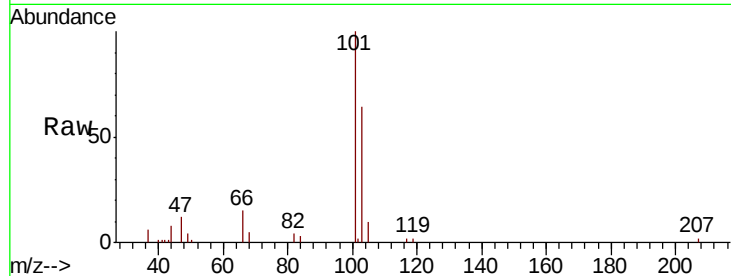


#7

Trichlorofluoromethane
 Concen: 20.767 ug/l
 RT: 2.98 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: VN061183.D
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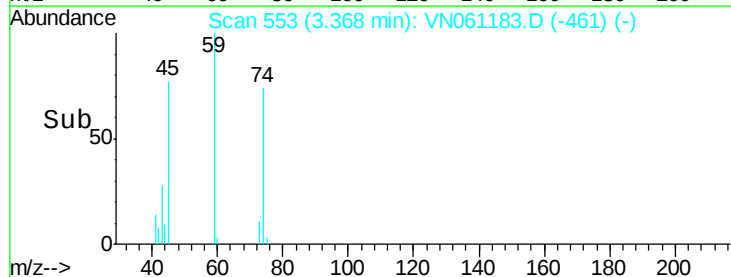
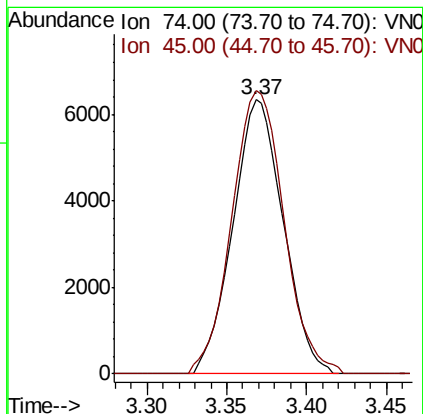
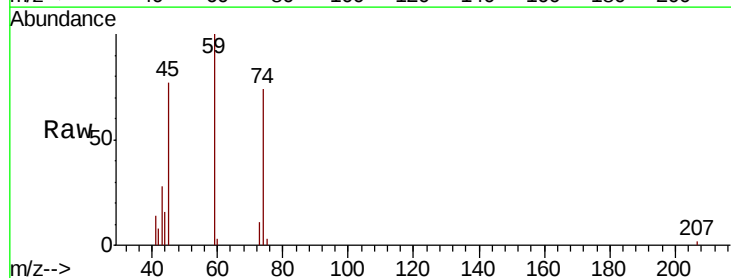
Tot Ion:101 Resp: 35552
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.6 76.0

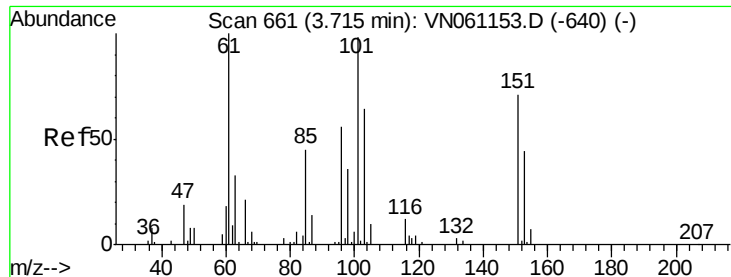


#8

Diethyl Ether
 Concen: 19.140 ug/l
 RT: 3.37 min Scan# 553
 Delta R.T. -0.00 min
 Lab File: VN061183.D
 Acq: 29 Apr 2020 11:18

Tgt Ion: 74 Resp: 13667
 Ion Ratio Lower Upper
 74 100
 45 106.8 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.263 ug/l

RT: 3.71 min Scan# 660

Delta R.T. -0.00 min

Lab File: VN061183.D

Acq: 29 Apr 2020 11:18

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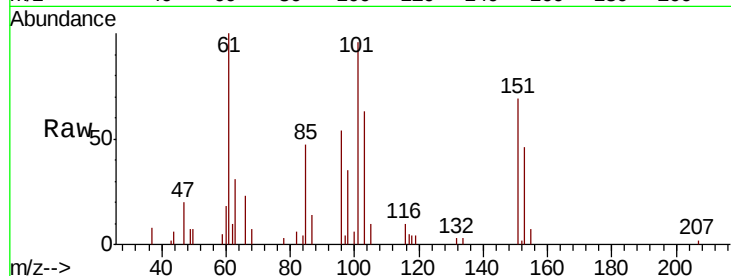
Tot Ion:101 Resp: 21244

Ion Ratio Lower Upper

101 100

85 47.0 37.2 55.8

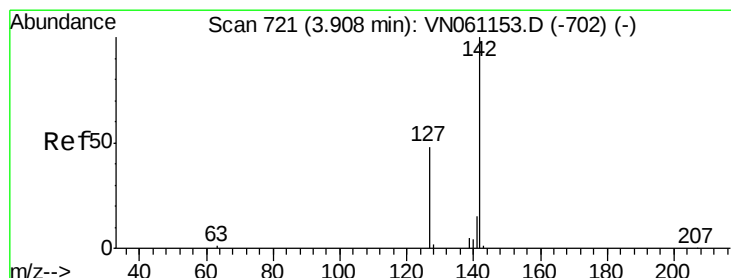
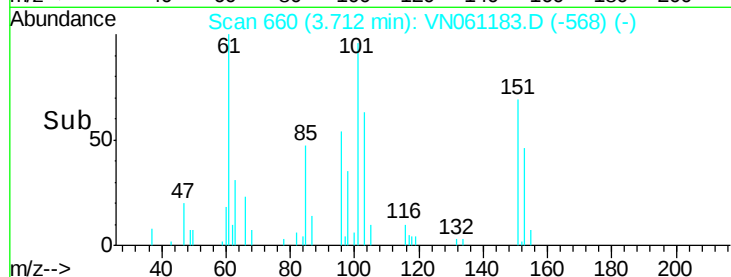
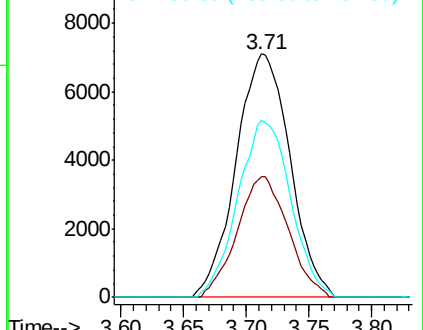
151 71.2 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.746 ug/l

RT: 3.90 min Scan# 720

Delta R.T. -0.00 min

Lab File: VN061183.D

Acq: 29 Apr 2020 11:18

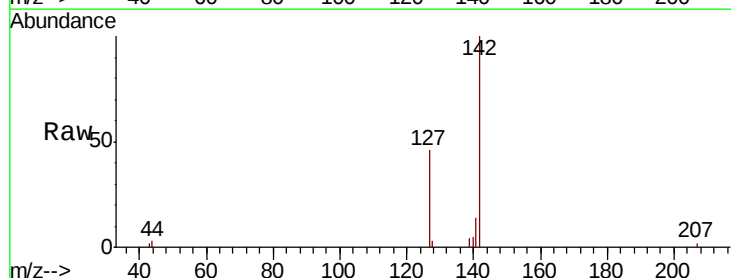
Tgt Ion:142 Resp: 26570

Ion Ratio Lower Upper

142 100

127 48.9 38.0 57.0

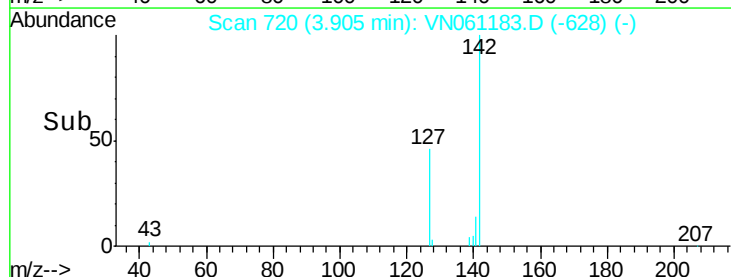
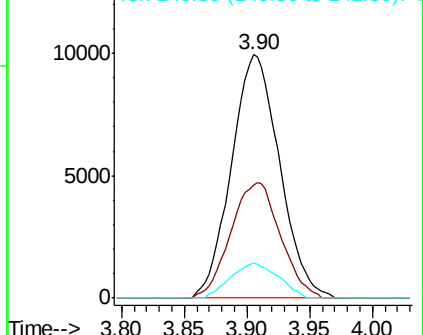
141 14.2 11.7 17.5

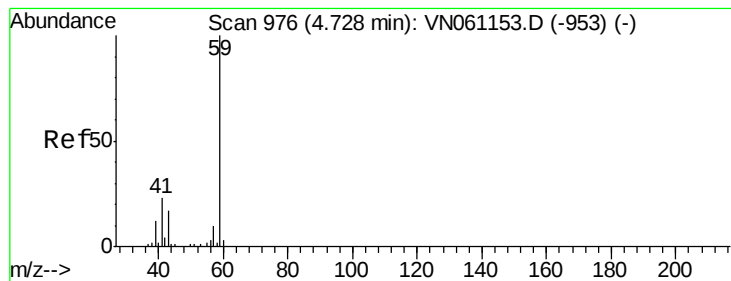


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



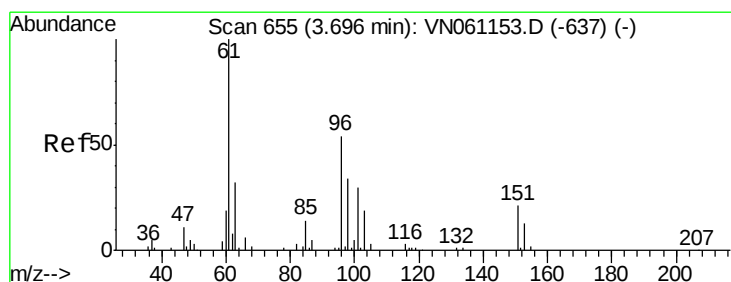
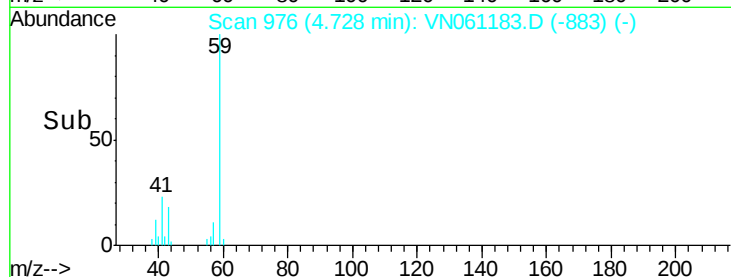
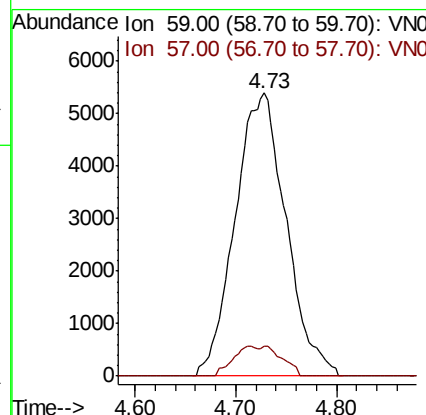
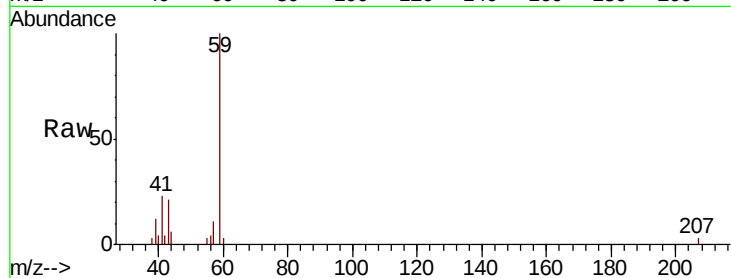


#11

Tert butyl alcohol
Concen: 85.698 ug/l
RT: 4.73 min Scan# 976
Delta R.T. 0.00 min
Lab File: VN061183.D
Acq: 29 Apr 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :

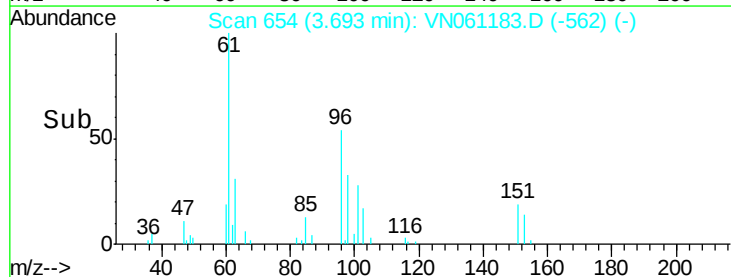
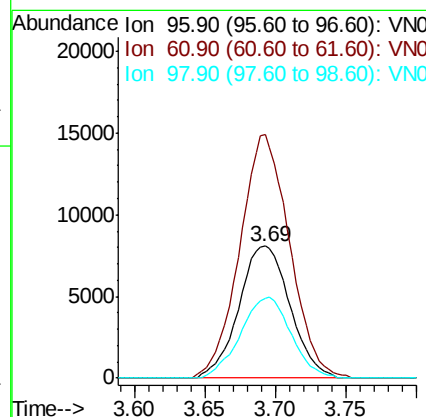
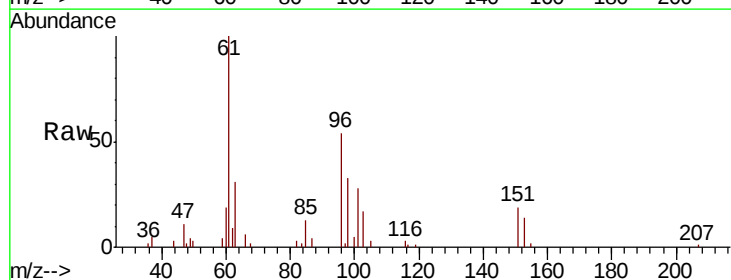
Tot Ion: 59 Resp: 18895
Ion Ratio Lower Upper
59 100
57 5.2 8.3 12.5#

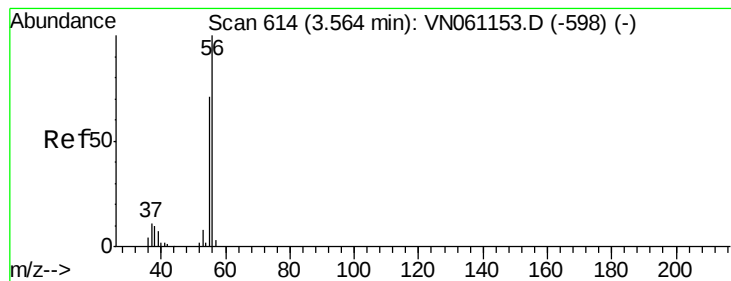


#12

1,1-Dichloroethene
Concen: 18.677 ug/l
RT: 3.69 min Scan# 654
Delta R.T. -0.00 min
Lab File: VN061183.D
Acq: 29 Apr 2020 11:18

Tgt Ion: 96 Resp: 20498
Ion Ratio Lower Upper
96 100
61 184.2 147.0 220.6
98 60.6 49.8 74.6





#13

Acrolein

Concen: 71.217 ug/l

RT: 3.56 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN061183.D

Acq: 29 Apr 2020 11:18

Instrument :

MSVOA_N

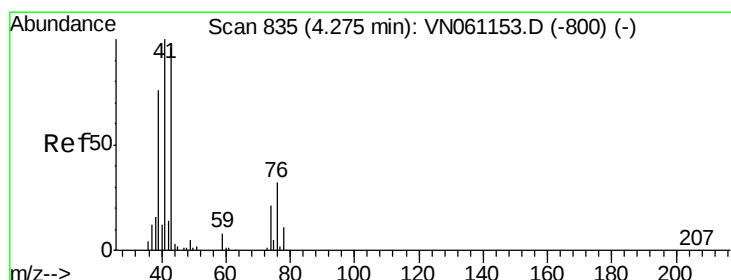
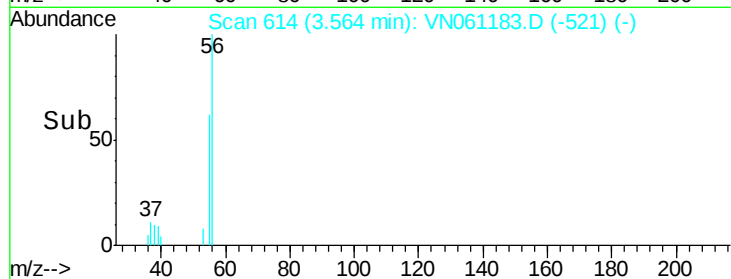
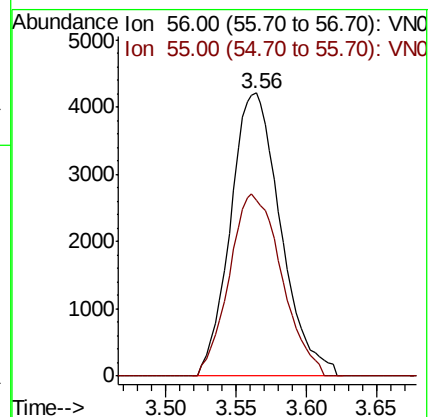
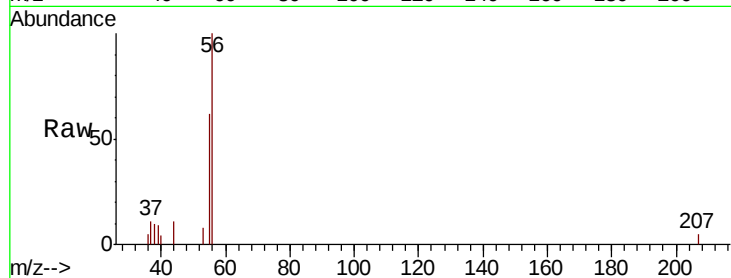
ClientSampleId :

Tot Ion: 56 Resp: 10464

Ion Ratio Lower Upper

56 100

55 67.1 58.5 87.7



#14

Allyl chloride

Concen: 20.480 ug/l

RT: 4.27 min Scan# 834

Delta R.T. -0.00 min

Lab File: VN061183.D

Acq: 29 Apr 2020 11:18

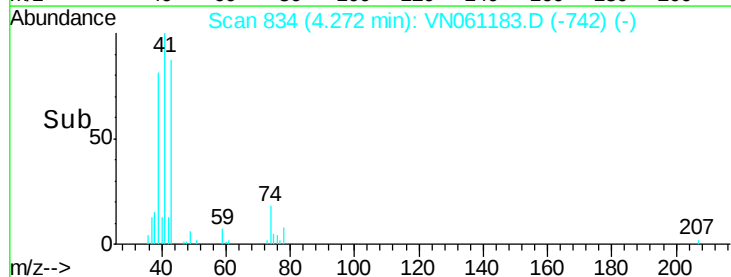
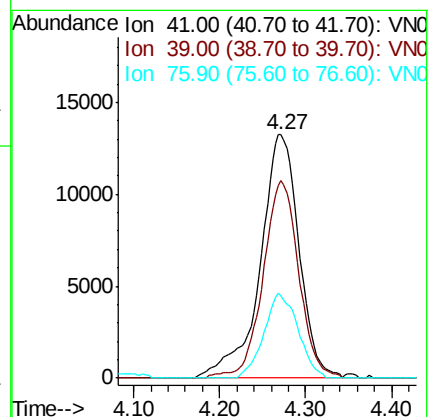
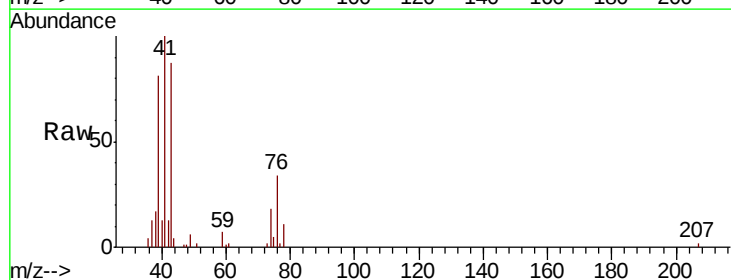
Tgt Ion: 41 Resp: 41676

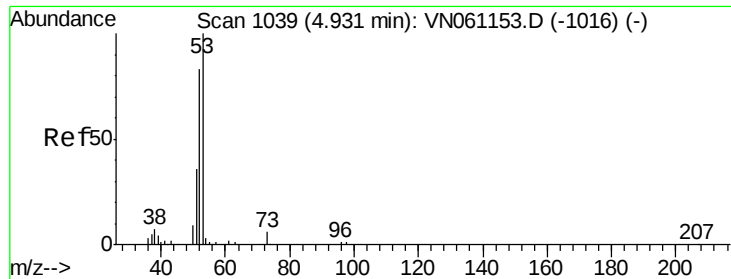
Ion Ratio Lower Upper

41 100

39 74.4 57.1 85.7

76 30.6 24.3 36.5

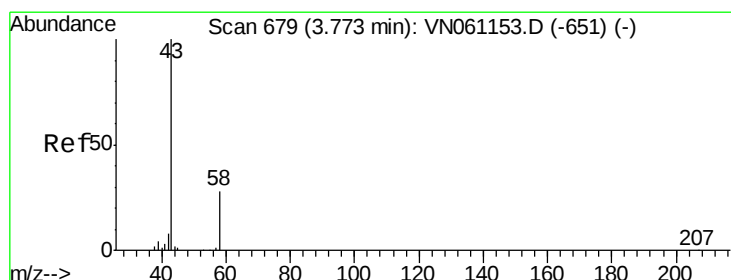
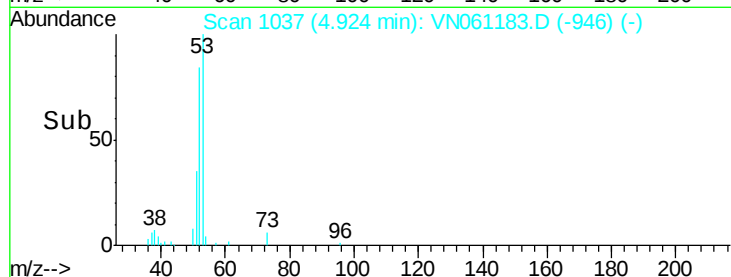
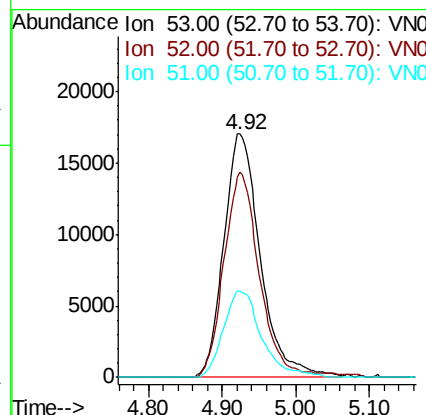
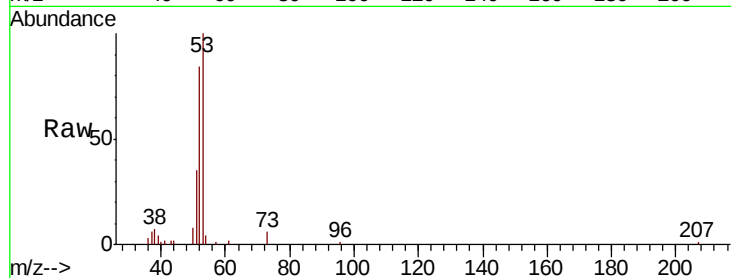




#15
 Acrylonitrile
 Concen: 86.783 ug/l
 RT: 4.92 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: VN061183.D
 Acq: 29 Apr 2020 11:18

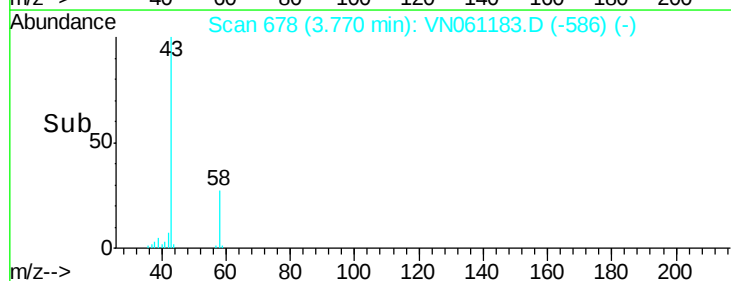
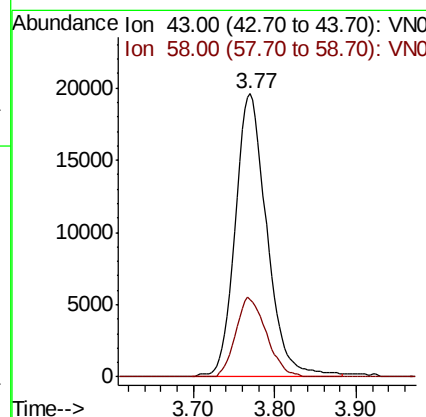
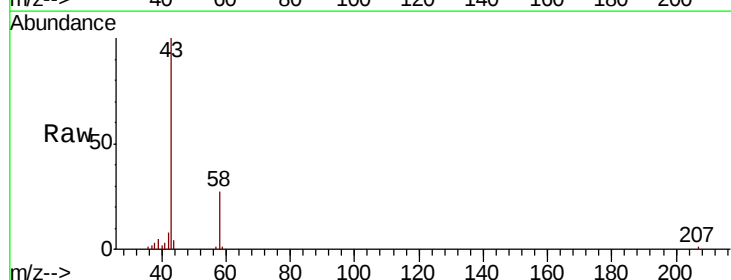
Instrument :
 MSVOA_N
 ClientSampled :

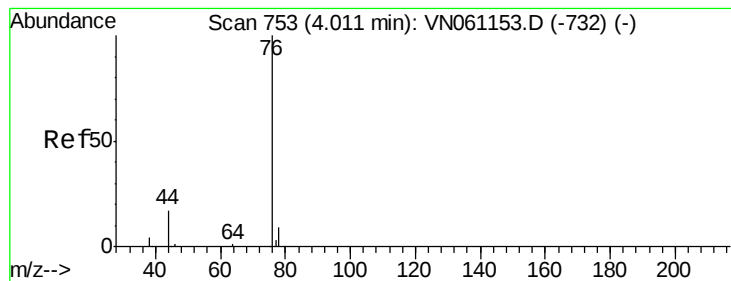
Tot Ion	53	Resp	58737
Ion Ratio	Lower	Upper	
53	100		
52	81.5	65.4	98.0
51	37.1	29.5	44.3



#16
 Acetone
 Concen: 79.742 ug/l
 RT: 3.77 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: VN061183.D
 Acq: 29 Apr 2020 11:18

Tgt Ion	43	Resp	53155
Ion Ratio	Lower	Upper	
43	100		
58	27.5	22.2	33.2





#17

Carbon Disulfide

Concen: 18.892 ug/l

RT: 4.01 min Scan# 752

Delta R.T. -0.00 min

Lab File: VN061183.D

Acq: 29 Apr 2020 11:18

Instrument :

MSVOA_N

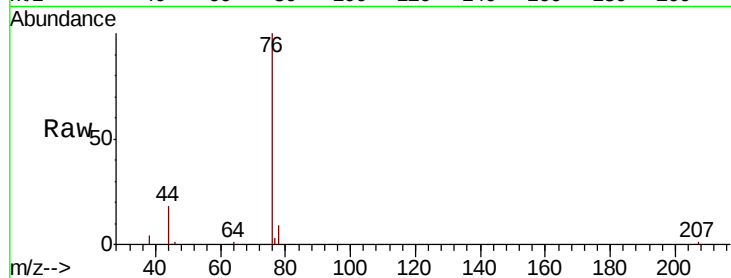
ClientSampleId :

Tot Ion: 76 Resp: 57273

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN061183.D (-660) (-)

Ion 77.90 (77.60 to 78.60): VN061183.D (-660) (-)

4.01

25000

20000

15000

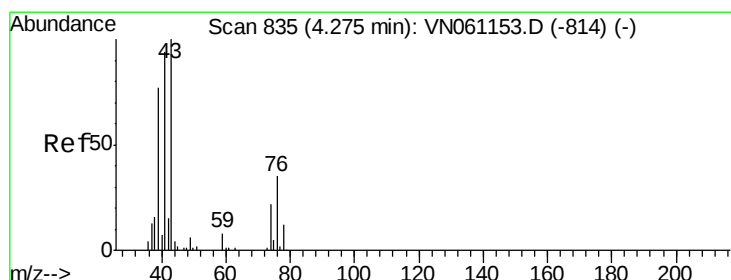
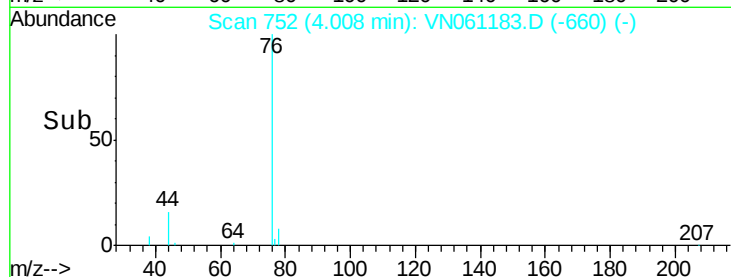
10000

5000

0

Time-->

3.90 4.00 4.10



#18

Methyl Acetate

Concen: 16.671 ug/l

RT: 4.27 min Scan# 834

Delta R.T. -0.00 min

Lab File: VN061183.D

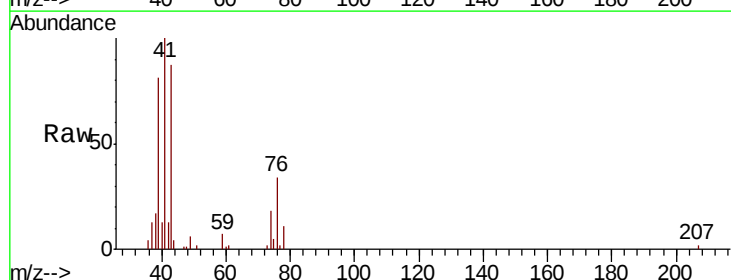
Acq: 29 Apr 2020 11:18

Tgt Ion: 43 Resp: 33684

Ion Ratio Lower Upper

43 100

74 20.1 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VN061183.D (-741) (-)

Ion 74.00 (73.70 to 74.70): VN061183.D (-741) (-)

4.27

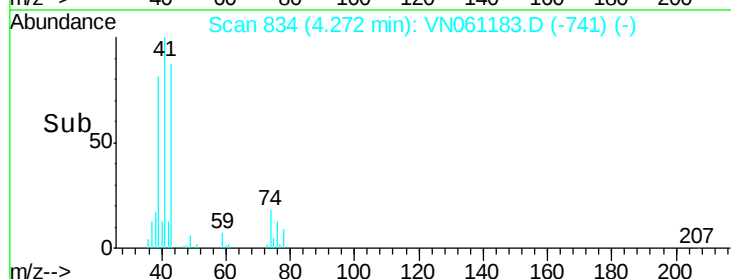
10000

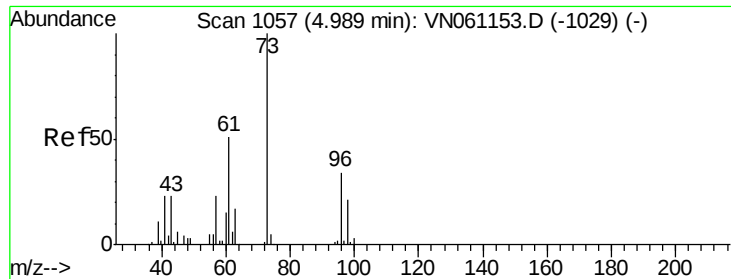
5000

0

Time-->

4.20 4.30

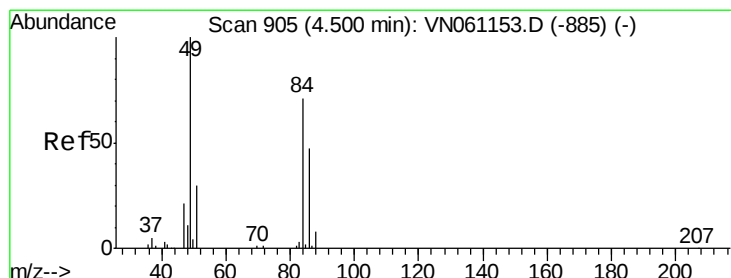
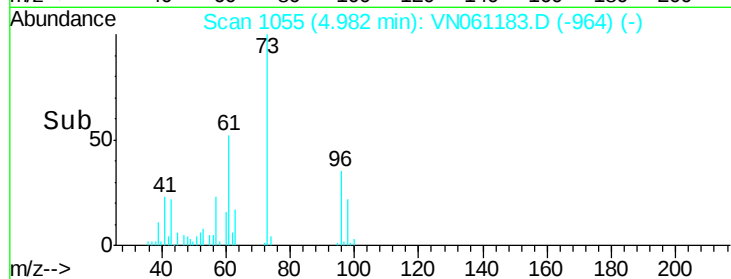
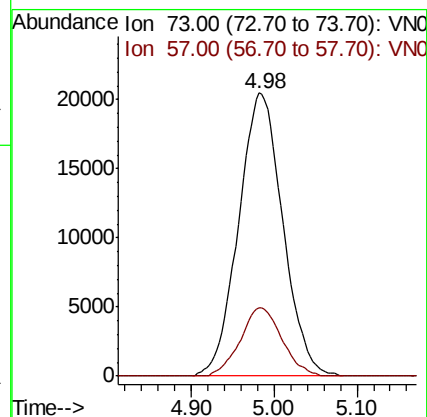
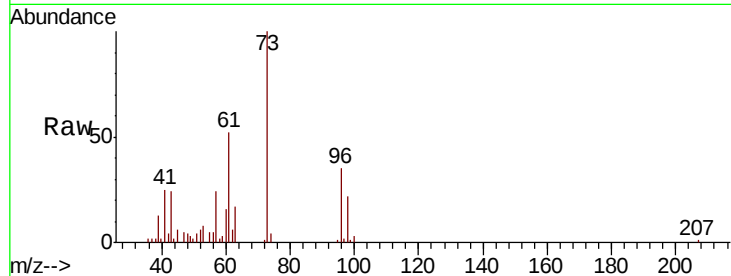




#19
Methvl tert-butvl Ether
Concen: 18.067 ug/l
RT: 4.98 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VN061183.D
Acq: 29 Apr 2020 11:18

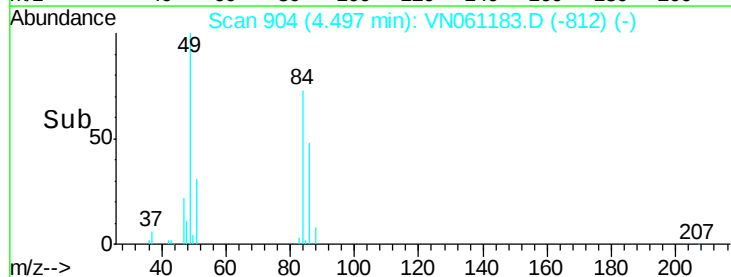
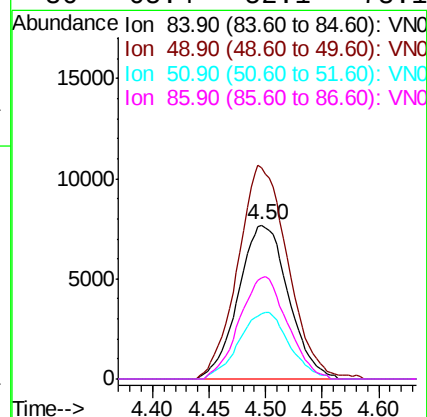
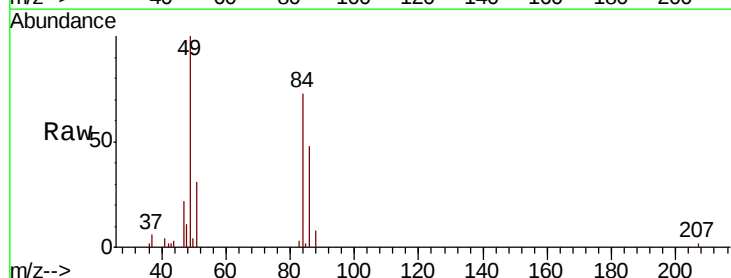
Instrument :
MSVOA_N
ClientSampleId :

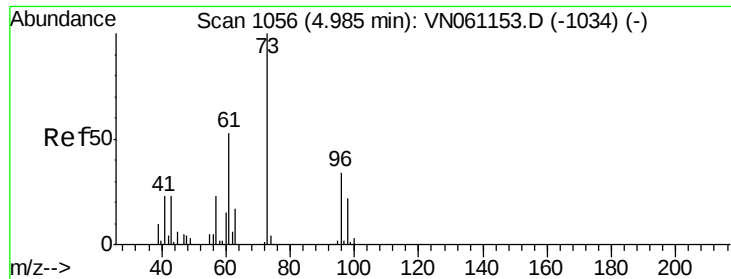
Tot Ion: 73 Resp: 75766
Ion Ratio Lower Upper
73 100
57 24.0 18.3 27.5



#20
Methylene Chloride
Concen: 18.444 ug/l
RT: 4.50 min Scan# 904
Delta R.T. -0.00 min
Lab File: VN061183.D
Acq: 29 Apr 2020 11:18

Tgt Ion: 84 Resp: 23672
Ion Ratio Lower Upper
84 100
49 137.2 112.0 168.0
51 42.4 33.6 50.4
86 65.4 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 18.980 ug/l

RT: 4.98 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VN061183.D

Acq: 29 Apr 2020 11:18

Instrument :

MSVOA_N

ClientSampled :

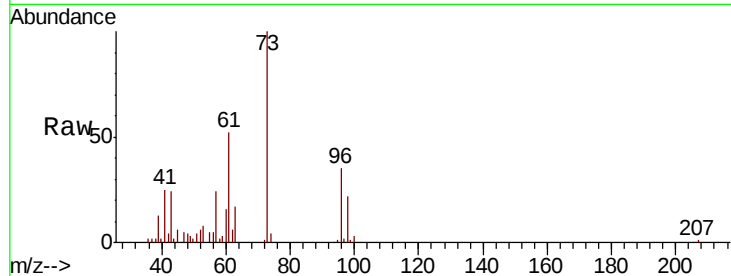
Tot Ion: 96 Resp: 22683

Ion Ratio Lower Upper

96 100

61 146.0 123.0 184.4

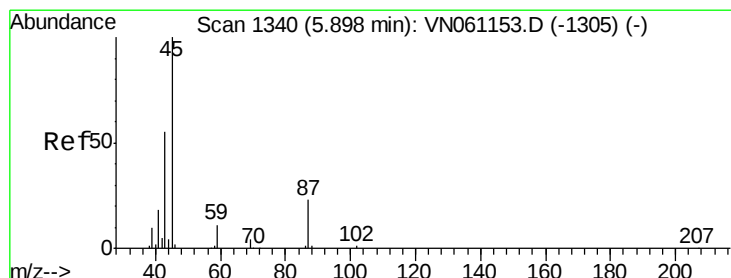
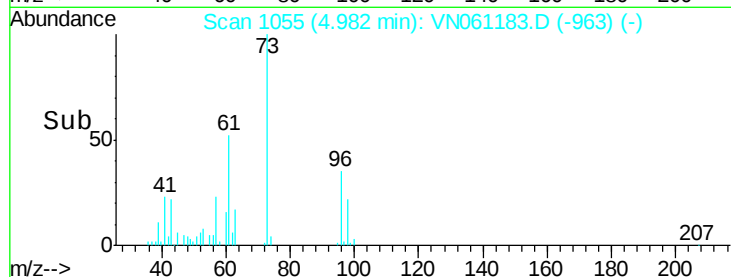
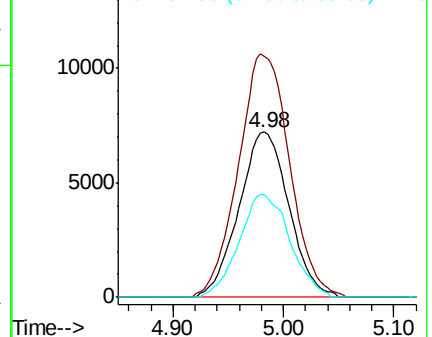
98 62.0 50.1 75.1



Abundance Ion 95.90 (95.60 to 96.60): VN061183.D (-1034) (-)

Ion 60.90 (60.60 to 61.60): VN061183.D (-1034) (-)

Ion 97.90 (97.60 to 98.60): VN061183.D (-1034) (-)



#22

Diisopropyl ether

Concen: 18.264 ug/l

RT: 5.90 min Scan# 1339

Delta R.T. -0.00 min

Lab File: VN061183.D

Acq: 29 Apr 2020 11:18

Tgt Ion: 45 Resp: 86184

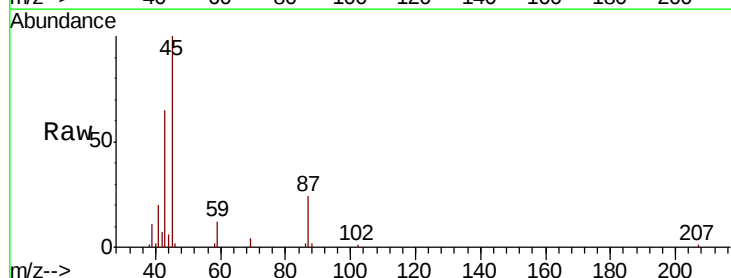
Ion Ratio Lower Upper

45 100

43 62.5 47.9 71.9

87 24.2 19.2 28.8

59 11.9 9.0 13.4

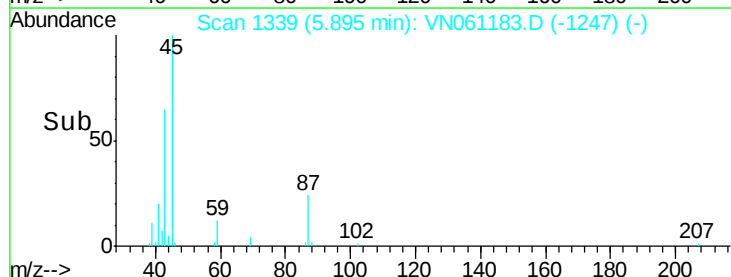
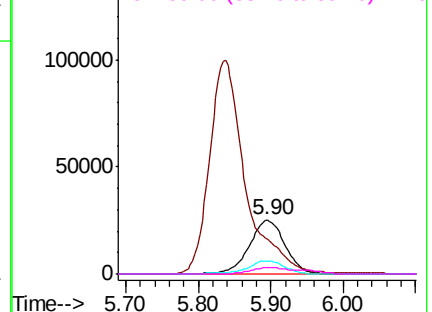


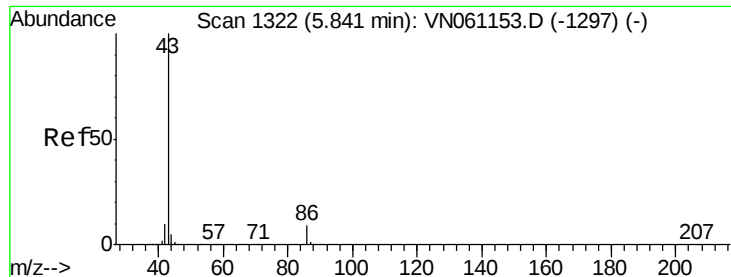
Abundance Ion 45.00 (44.70 to 45.70): VN061183.D (-1305) (-)

Ion 43.00 (42.70 to 43.70): VN061183.D (-1305) (-)

Ion 87.00 (86.70 to 87.70): VN061183.D (-1305) (-)

Ion 59.00 (58.70 to 59.70): VN061183.D (-1305) (-)





#23

Vinyl Acetate

Concen: 90.323 ug/l

RT: 5.84 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VN061183.D

Acq: 29 Apr 2020 11:18

Instrument :

MSVOA_N

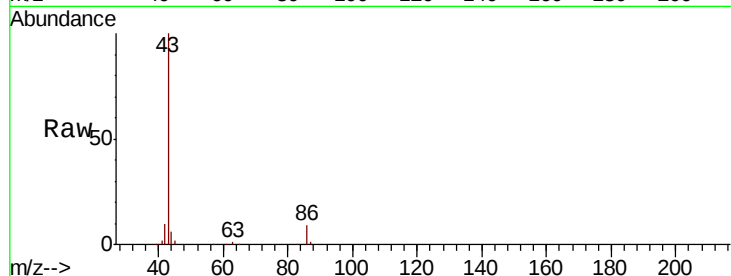
ClientSampled :

Tot Ion: 43 Resp: 343189

Ion Ratio Lower Upper

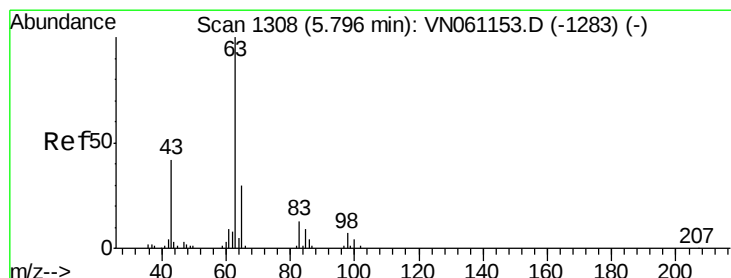
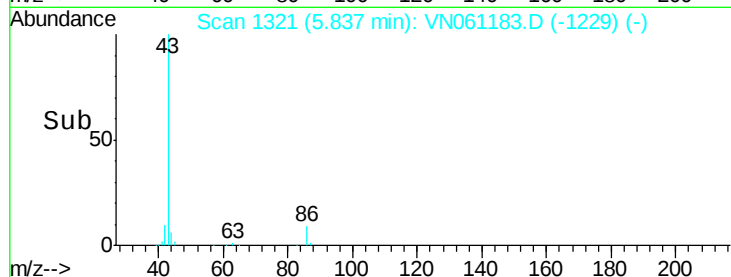
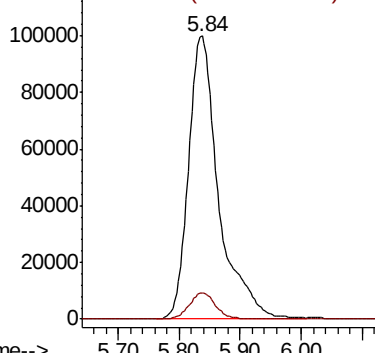
43 100

86 9.3 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 18.776 ug/l

RT: 5.79 min Scan# 1307

Delta R.T. -0.00 min

Lab File: VN061183.D

Acq: 29 Apr 2020 11:18

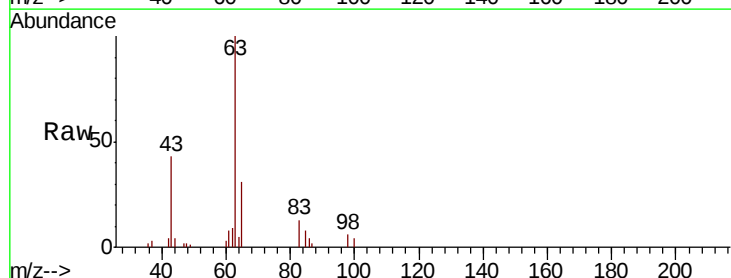
Tgt Ion: 63 Resp: 46294

Ion Ratio Lower Upper

63 100

98 5.7 3.3 9.9

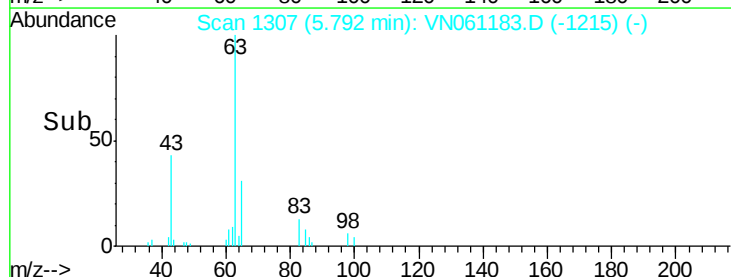
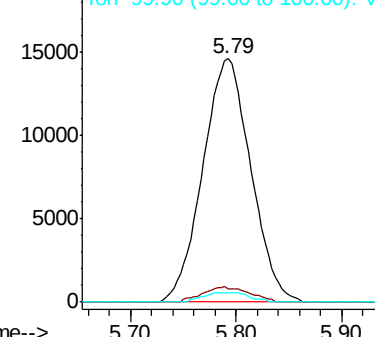
100 4.0 1.9 5.7

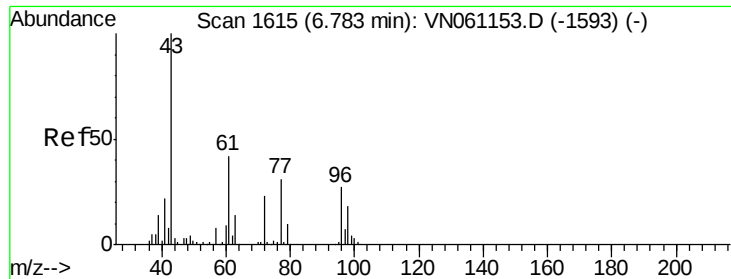


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 84.148 ug/l

RT: 6.78 min Scan# 1614

Delta R.T. -0.00 min

Lab File: VN061183.D

Acq: 29 Apr 2020 11:18

Instrument :

MSVOA_N

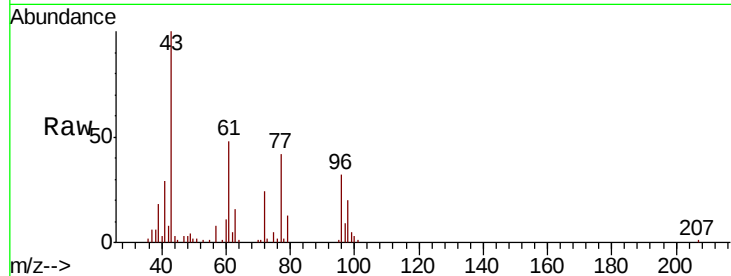
ClientSampleId :

Tot Ion: 43 Resp: 81955

Ion Ratio Lower Upper

43 100

72 23.5 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.78

30000

25000

20000

15000

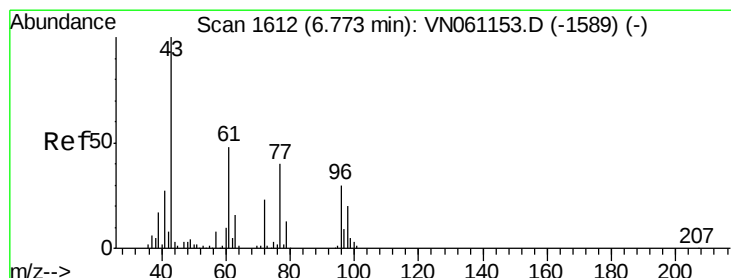
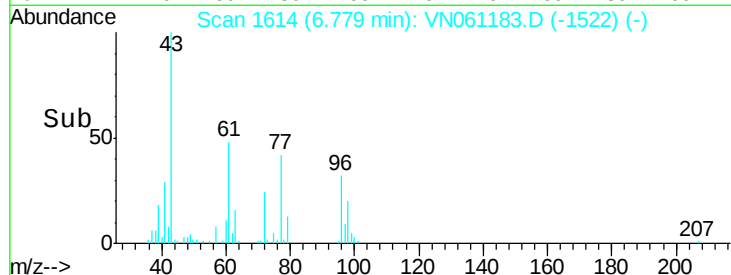
10000

5000

0

Time-->

6.70 6.75 6.80 6.85



#26

2,2-Dichloropropane

Concen: 20.233 ug/l

RT: 6.77 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VN061183.D

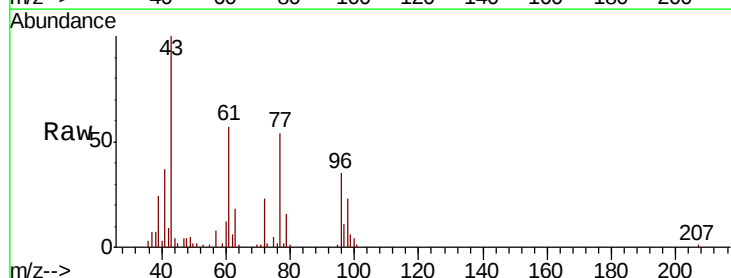
Acq: 29 Apr 2020 11:18

Tgt Ion: 77 Resp: 42018

Ion Ratio Lower Upper

77 100

97 20.8 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.77

15000

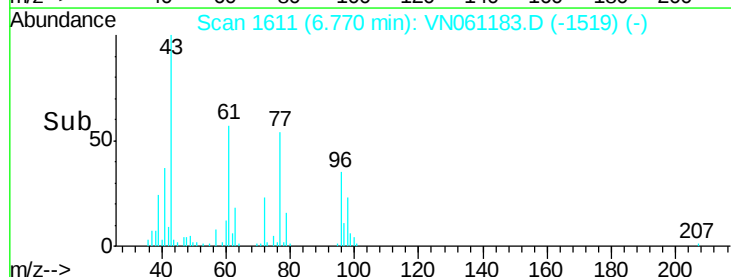
10000

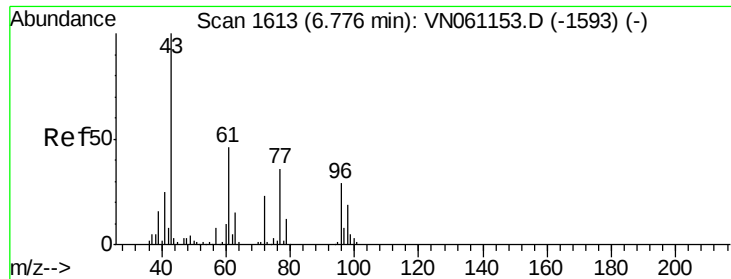
5000

0

Time-->

6.70 6.80 6.90





#27

cis-1,2-Dichloroethene

Concen: 18.684 ug/l

RT: 6.78 min Scan# 1613

Delta R.T. 0.00 min

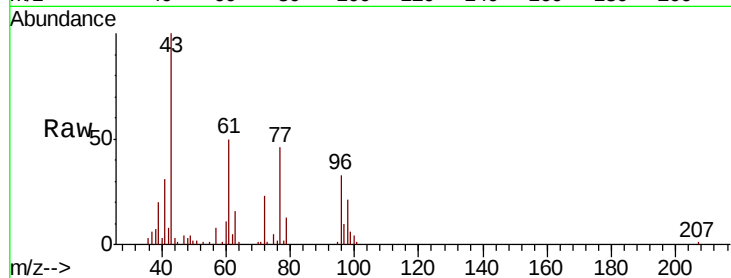
Lab File: VN061183.D

Acq: 29 Apr 2020 11:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 26203

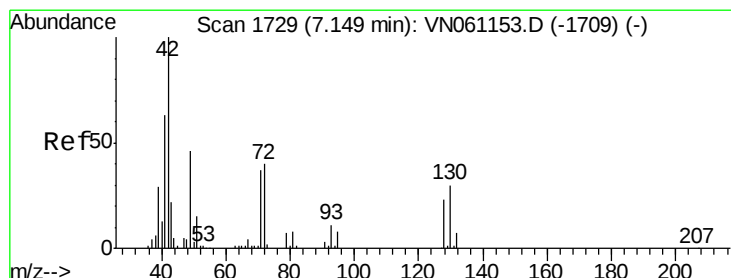
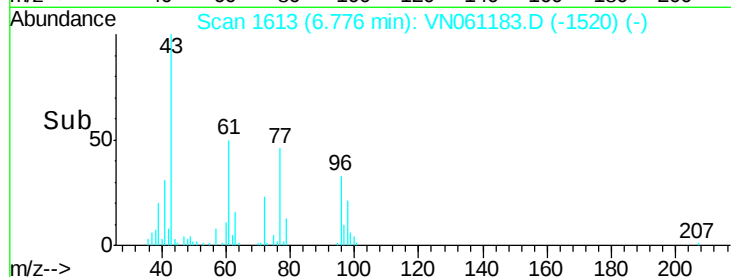
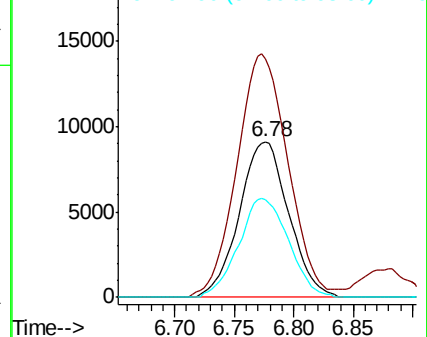
Ion	Ratio	Lower	Upper
96	100		
61	161.6	0.0	322.0
98	64.1	0.0	129.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.463 ug/l

RT: 7.15 min Scan# 1728

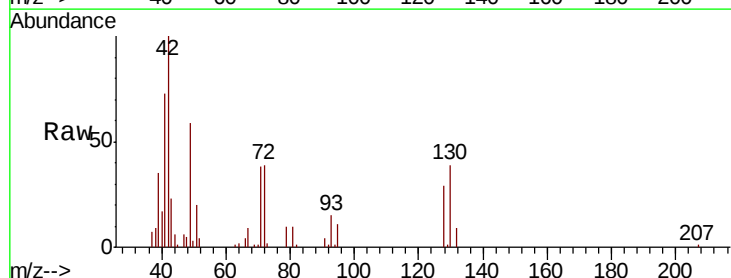
Delta R.T. -0.00 min

Lab File: VN061183.D

Acq: 29 Apr 2020 11:18

Tgt Ion: 49 Resp: 22745

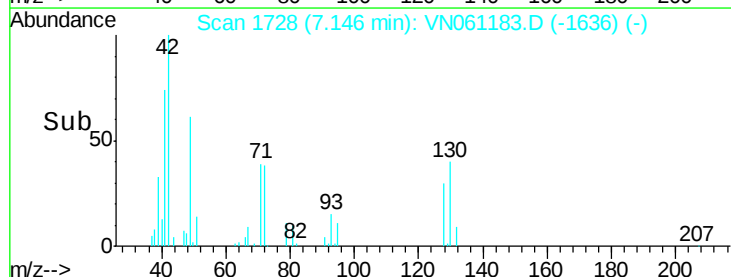
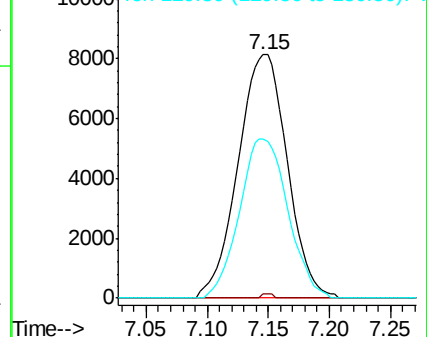
Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	3.0
130	64.3	51.4	77.2

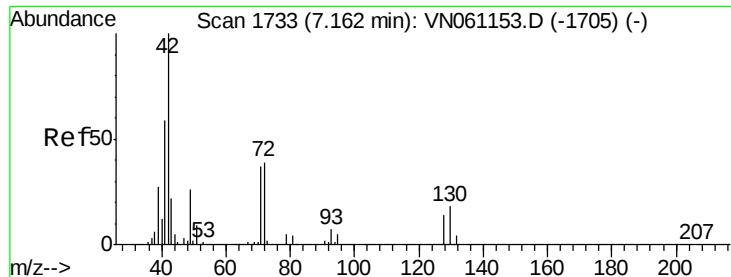


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

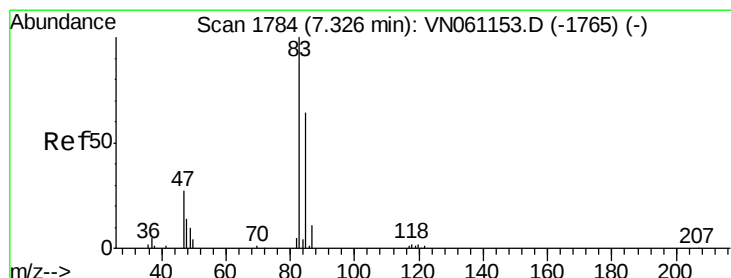
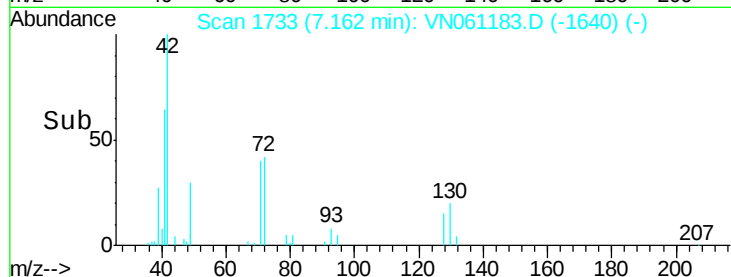
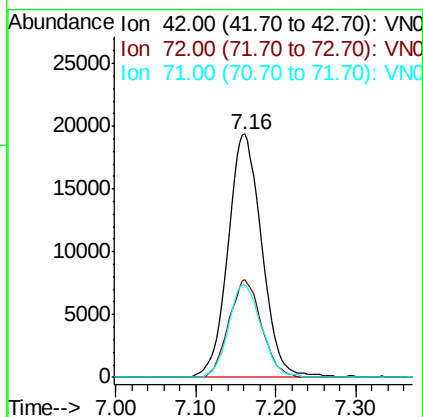
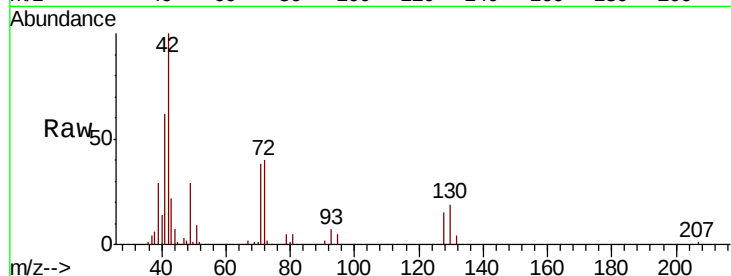




#29
Tetrahydrofuran
Concen: 84.703 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN061183.D
Acq: 29 Apr 2020 11:18

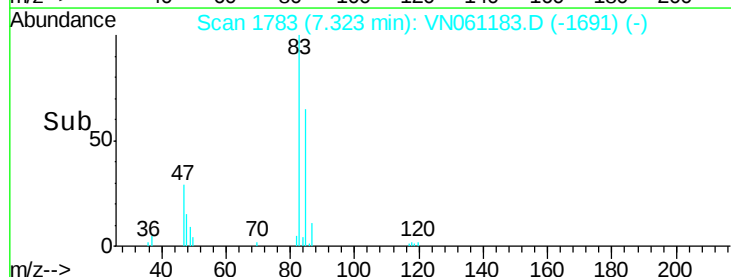
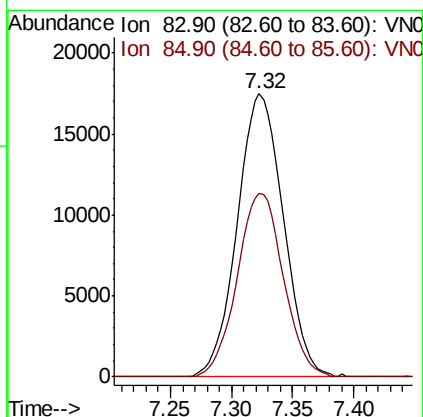
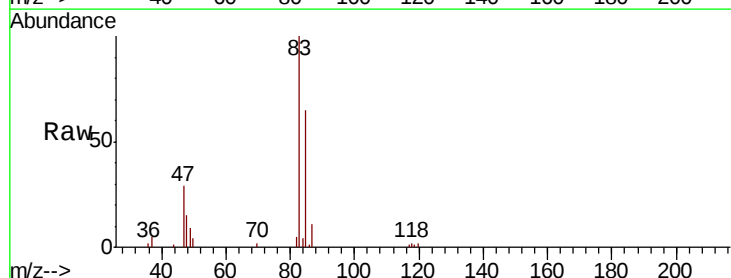
Instrument :
MSVOA_N
ClientSampled :

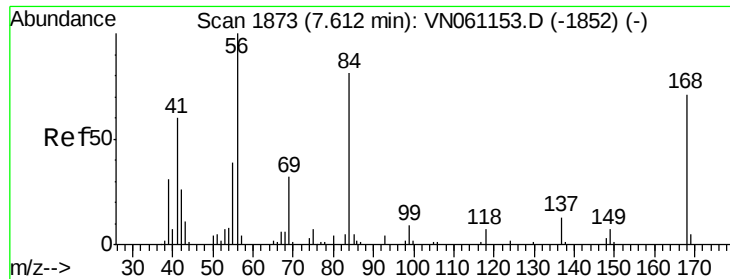
Tot Ion	Ratio	Lower	Upper
42	100		
72	38.5	31.4	47.0
71	37.0	29.5	44.3



#30
Chloroform
Concen: 18.291 ug/l
RT: 7.32 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VN061183.D
Acq: 29 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.1	76.7

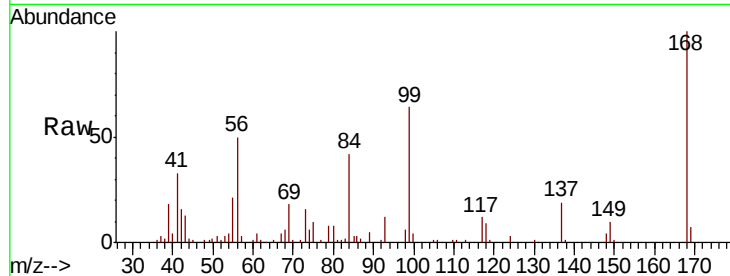




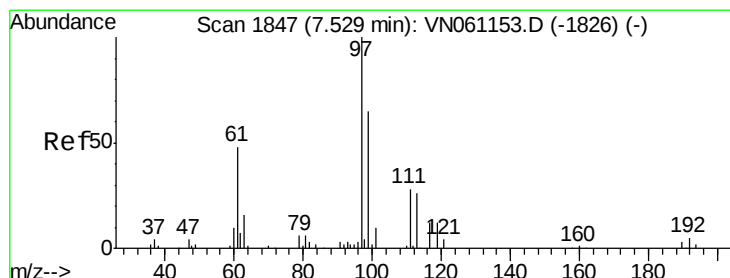
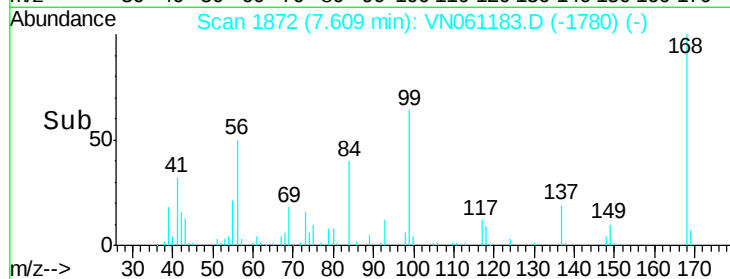
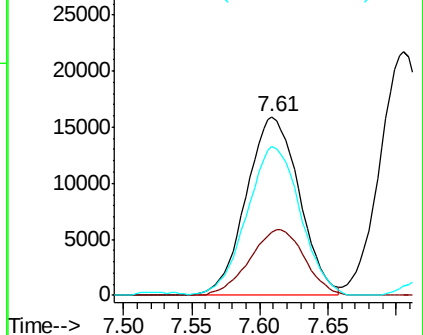
#31
Cyclohexane
Concen: 17.937 ug/l
RT: 7.61 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VN061183.D
Acq: 29 Apr 2020 11:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 42948
Ion Ratio Lower Upper
56 100
69 35.6 25.7 38.5
84 83.4 64.6 97.0

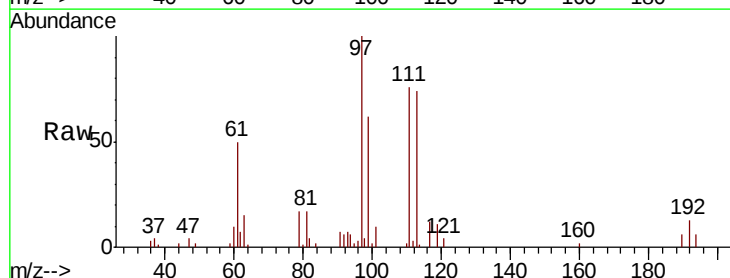


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

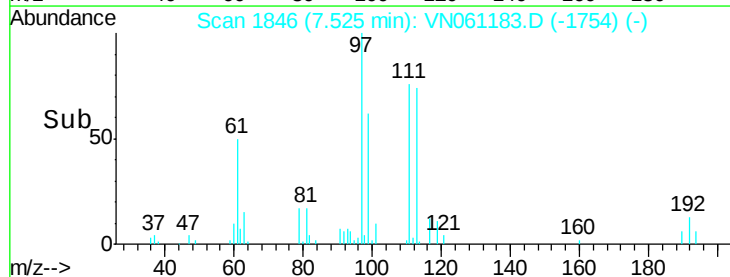
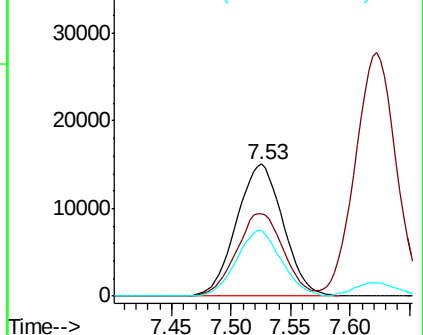


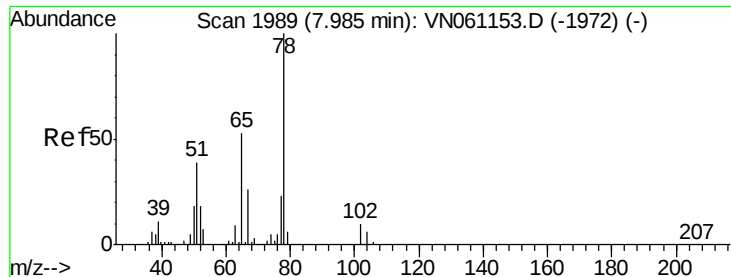
#32
1,1,1-Trichloroethane
Concen: 18.767 ug/l
RT: 7.53 min Scan# 1846
Delta R.T. -0.00 min
Lab File: VN061183.D
Acq: 29 Apr 2020 11:18

Tgt Ion: 97 Resp: 40832
Ion Ratio Lower Upper
97 100
99 62.9 51.3 76.9
61 47.7 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

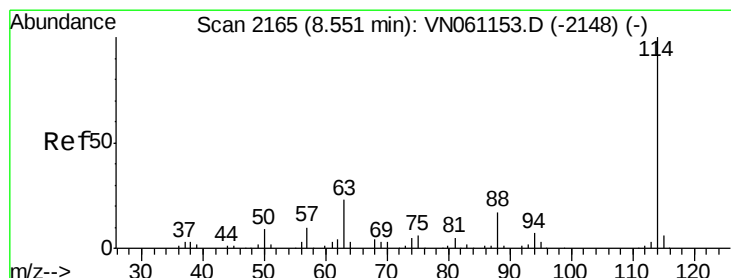
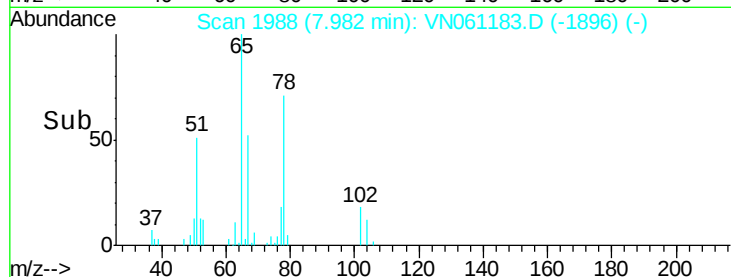
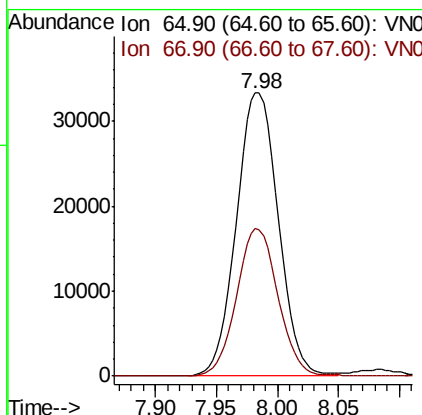
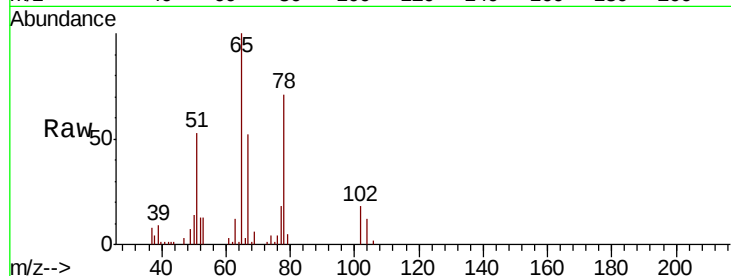




#33
 1,2-Dichloroethane-d4
 Concen: 48.259 ug/l
 RT: 7.98 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: VN061183.D
 Acq: 29 Apr 2020 11:18

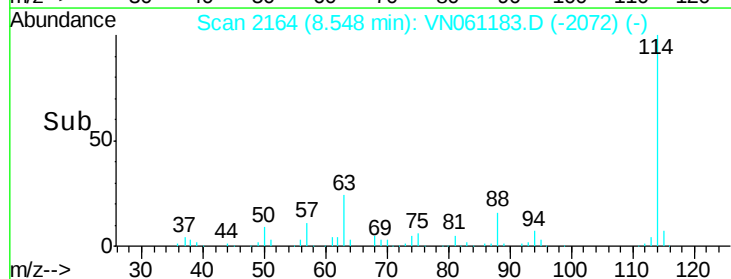
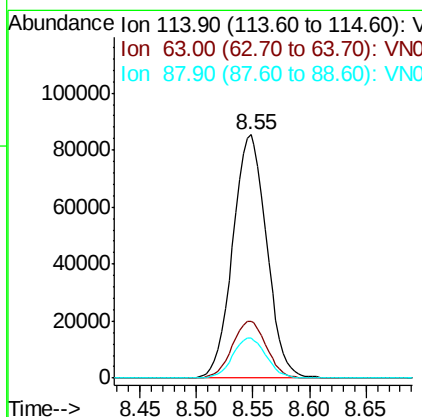
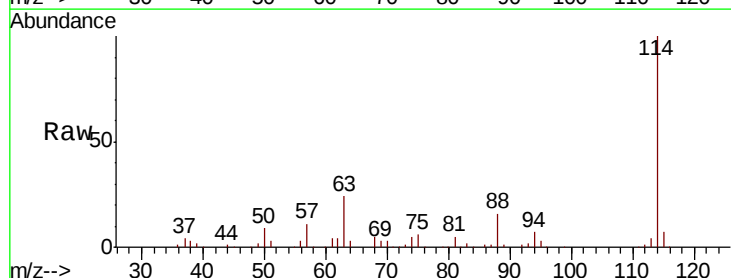
Instrument :
 MSVOA_N
 ClientSampleId :

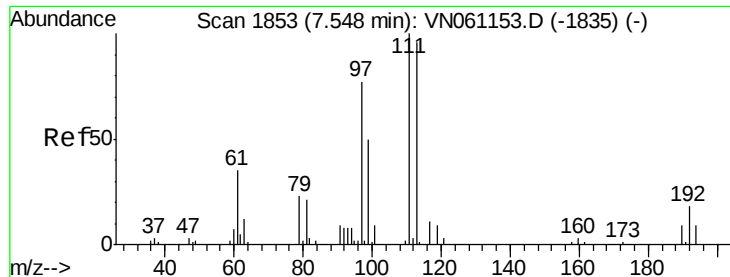
Tot Ion: 65 Resp: 79431
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061183.D
 Acq: 29 Apr 2020 11:18

Tgt Ion: 114 Resp: 177928
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 46.6
 88 16.3 0.0 33.4

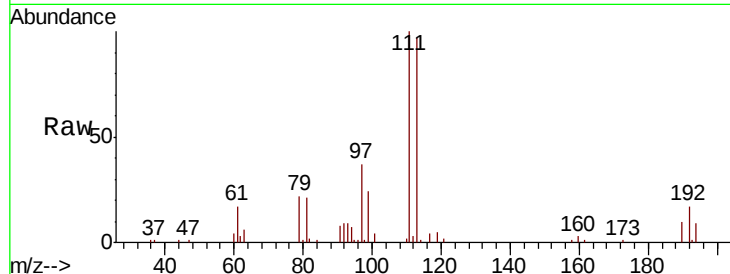




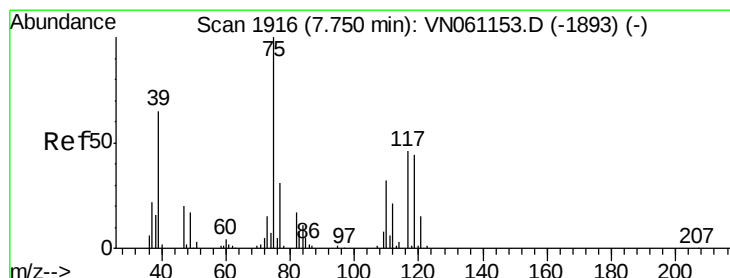
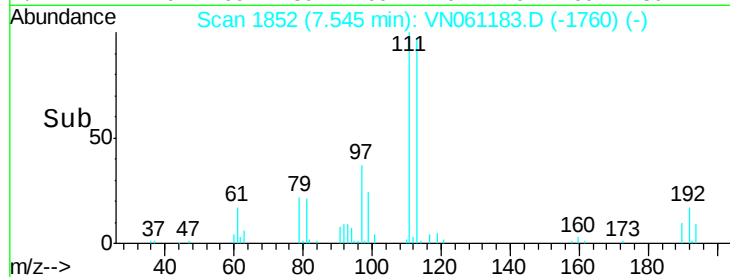
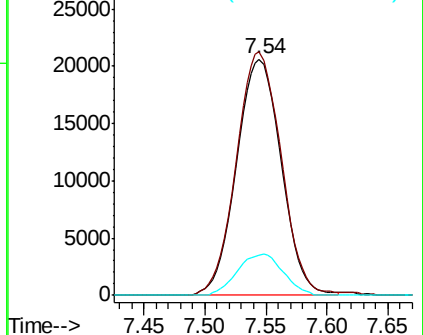
#35
 Dibromofluoromethane
 Concen: 49.808 ug/l
 RT: 7.54 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VN061183.D
 Acq: 29 Apr 2020 11:18

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:113 Resp: 52404
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.9 124.3
 192 18.0 14.7 22.1

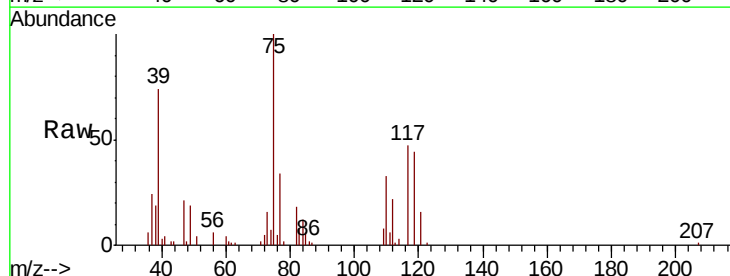


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

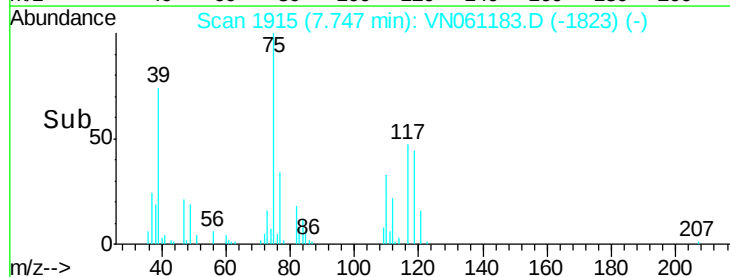
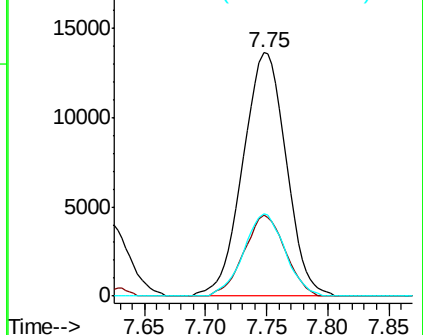


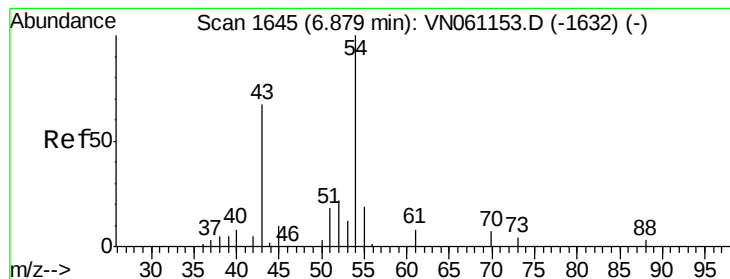
#36
 1,1-Dichloropropene
 Concen: 18.824 ug/l
 RT: 7.75 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VN061183.D
 Acq: 29 Apr 2020 11:18

Tgt Ion: 75 Resp: 33529
 Ion Ratio Lower Upper
 75 100
 110 31.7 16.0 48.0
 77 32.2 24.6 37.0



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





#37

Ethyl Acetate

Concen: 17.350 ug/l

RT: 6.88 min Scan# 1644

Delta R.T. -0.00 min

Lab File: VN061183.D

Acq: 29 Apr 2020 11:18

Instrument :

MSVOA_N

ClientSampled :

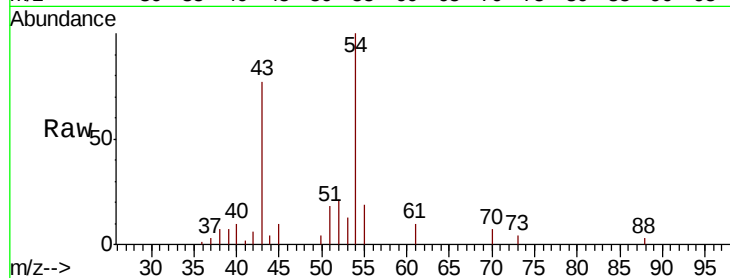
Tot Ion: 43 Resp: 36228

Ion Ratio Lower Upper

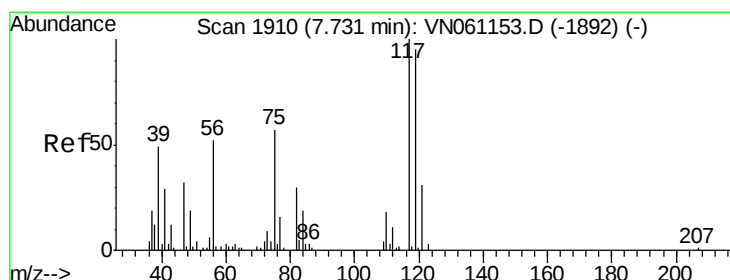
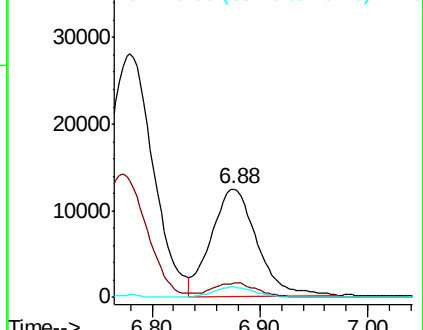
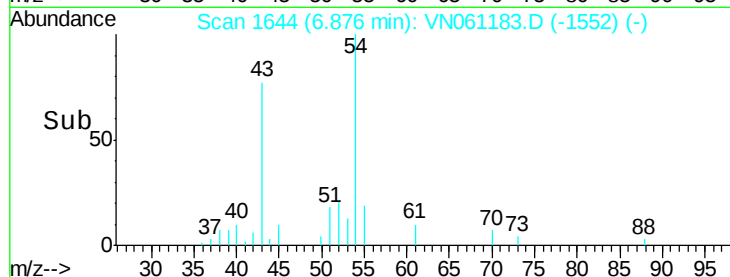
43 100

61 13.2 10.2 15.2

70 8.5 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN061183.D (-1552) (-)



#38

Carbon Tetrachloride

Concen: 18.887 ug/l

RT: 7.73 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VN061183.D

Acq: 29 Apr 2020 11:18

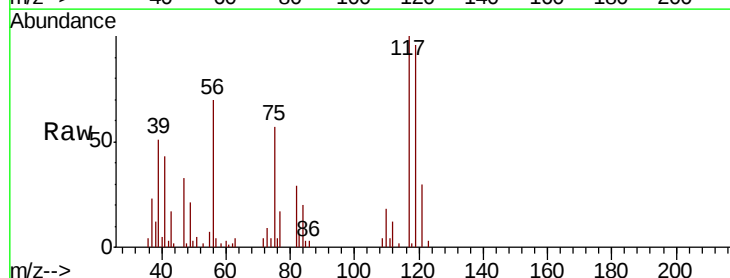
Tgt Ion: 117 Resp: 28270

Ion Ratio Lower Upper

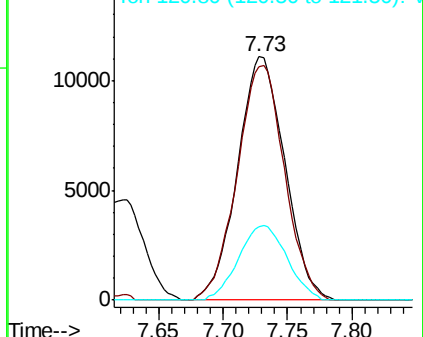
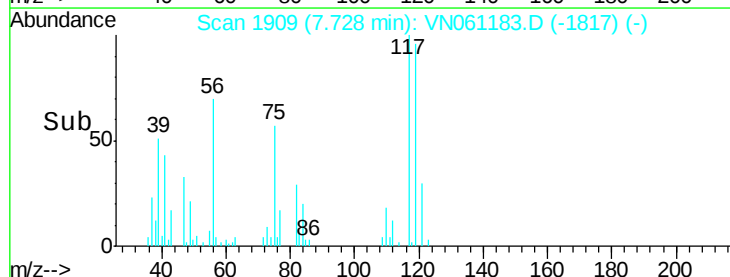
117 100

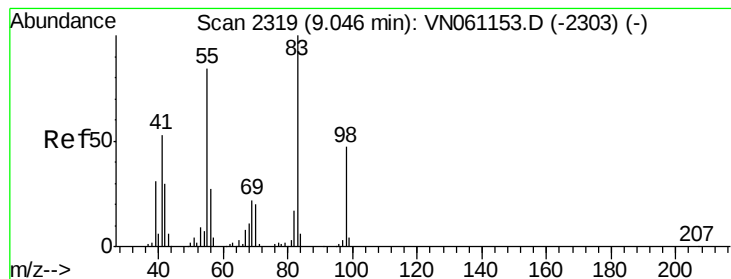
119 95.9 75.8 113.6

121 30.2 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): VN061183.D (-1817) (-)





#39

Methvlcvclohexane

Concen: 18.820 ug/l

RT: 9.04 min Scan# 2318

Delta R.T. -0.00 min

Lab File: VN061183.D

Acq: 29 Apr 2020 11:18

Instrument :

MSVOA_N

ClientSampled :

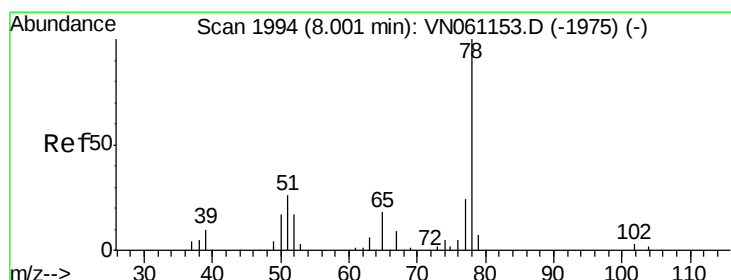
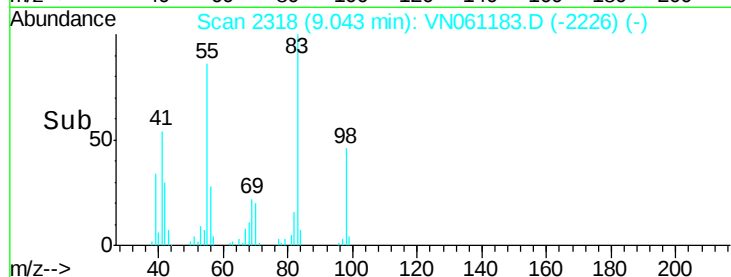
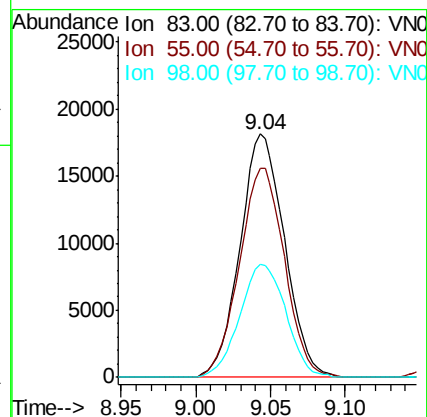
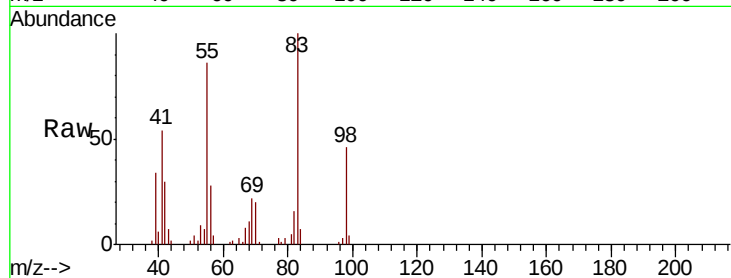
Tot Ion: 83 Resp: 37593

Ion Ratio Lower Upper

83 100

55 85.9 67.3 100.9

98 46.5 37.7 56.5



#40

Benzene

Concen: 18.783 ug/l

RT: 8.00 min Scan# 1993

Delta R.T. -0.00 min

Lab File: VN061183.D

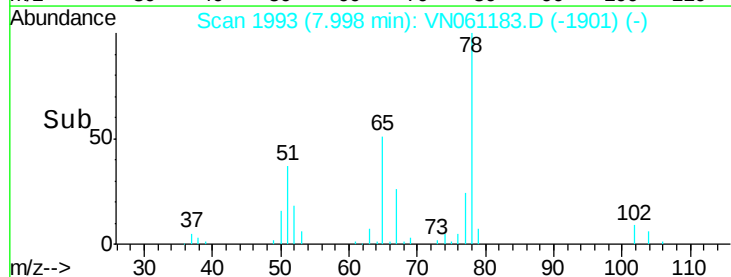
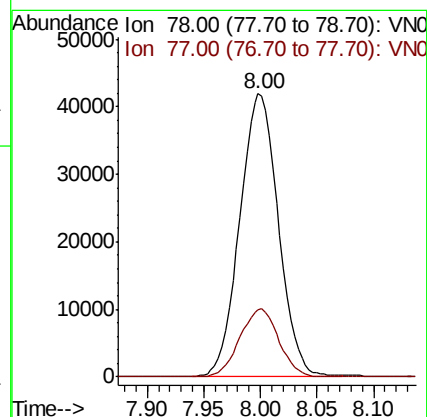
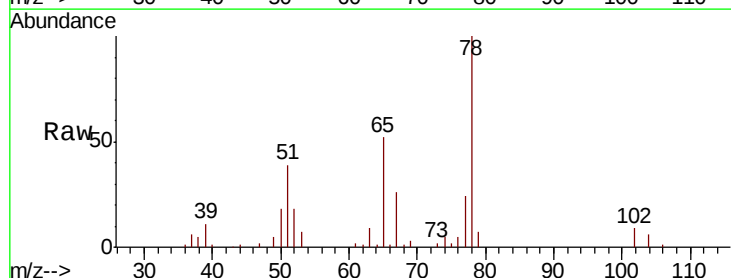
Acq: 29 Apr 2020 11:18

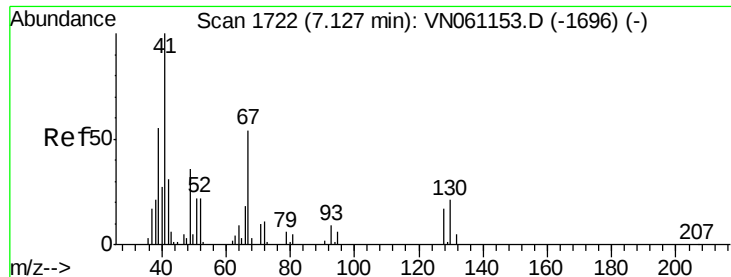
Tgt Ion: 78 Resp: 99669

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6

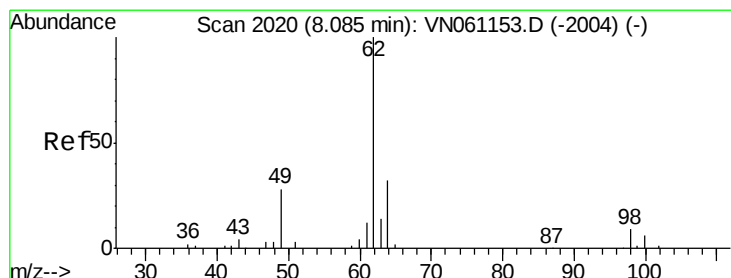
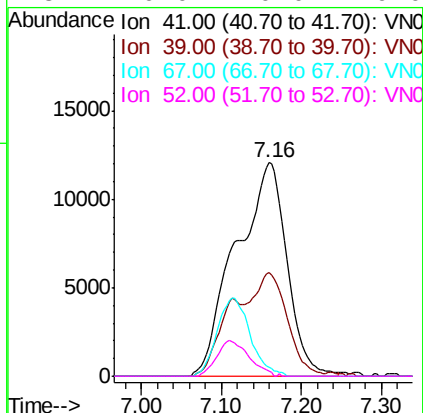
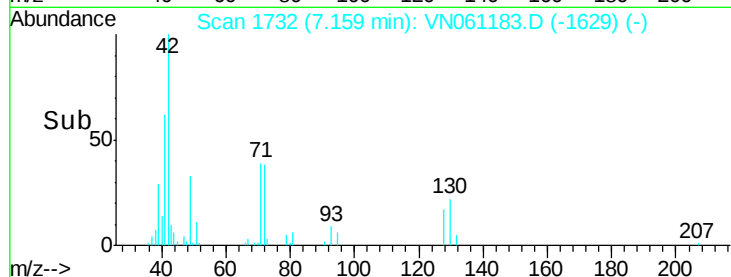
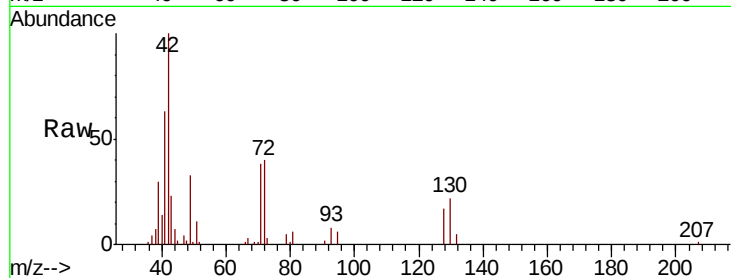




#41
Methacrylonitrile
Concen: 60.929 ug/l
RT: 7.16 min Scan# 1732
Delta R.T. 0.03 min
Lab File: VN061183.D
Acq: 29 Apr 2020 11:18

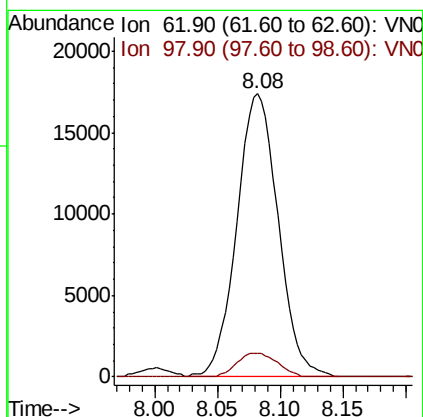
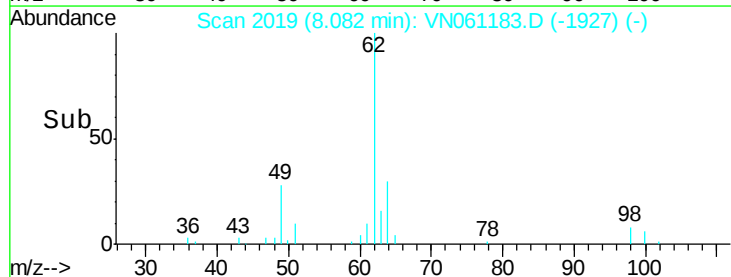
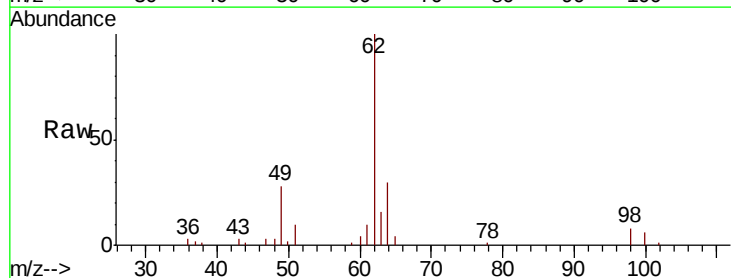
Instrument :
MSVOA_N
ClientSampled :

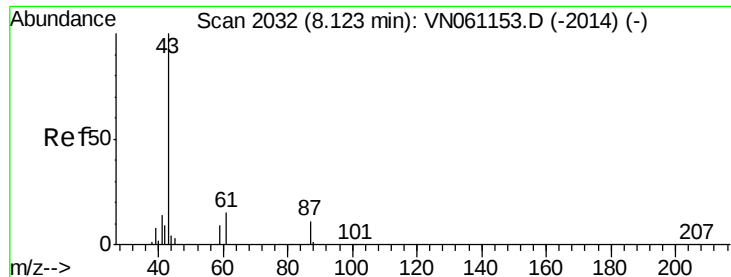
Tot Ion:	41	Resp:	52824
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 19.883 ug/l
RT: 8.08 min Scan# 2019
Delta R.T. -0.00 min
Lab File: VN061183.D
Acq: 29 Apr 2020 11:18

Tgt Ion:	62	Resp:	39971
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.8

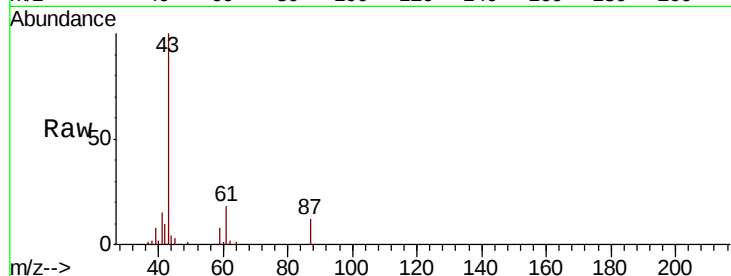




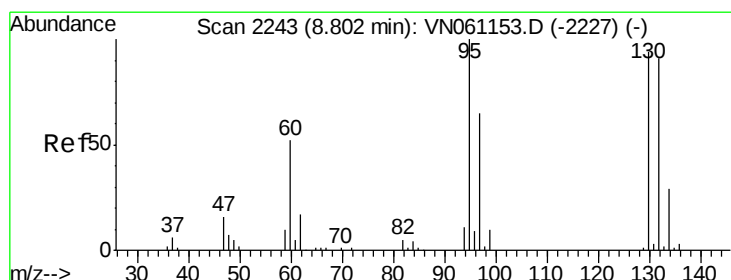
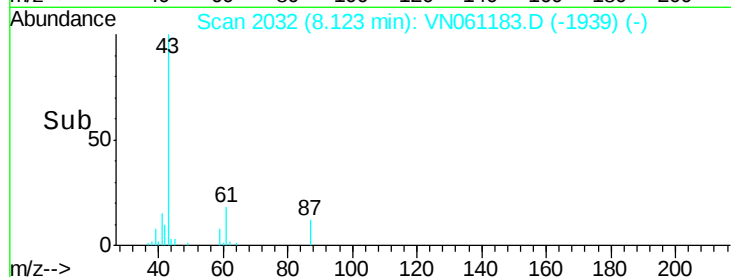
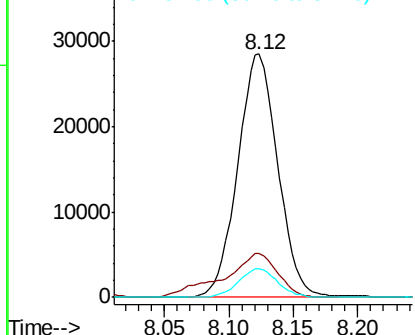
#43
Isopropyl Acetate
Concen: 17.785 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. 0.00 min
Lab File: VN061183.D
Acq: 29 Apr 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	24.2	19.5	29.3
87	11.4	8.9	13.3

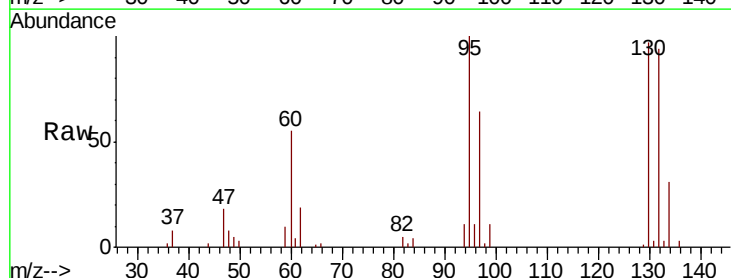


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

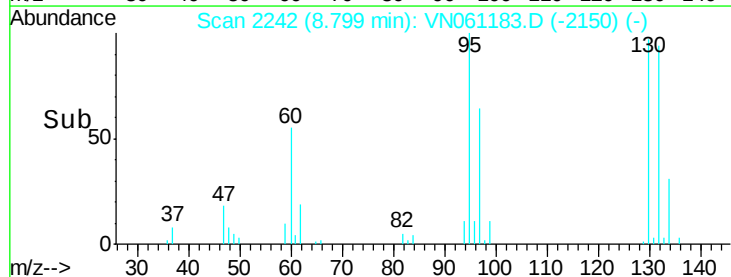
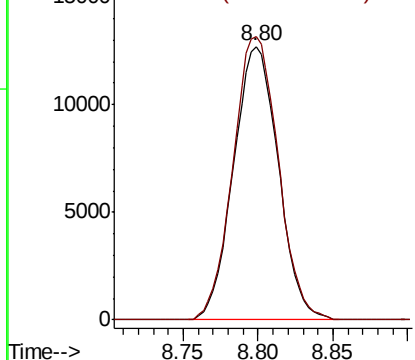


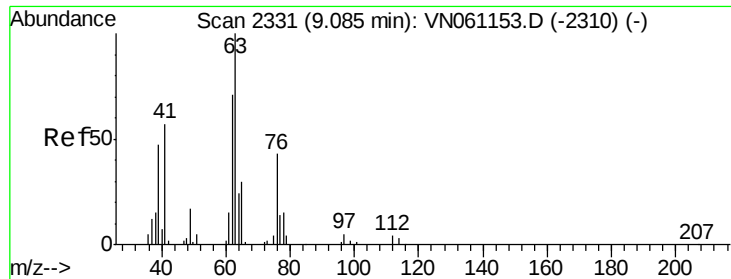
#44
Trichloroethene
Concen: 18.491 ug/l
RT: 8.80 min Scan# 2242
Delta R.T. -0.00 min
Lab File: VN061183.D
Acq: 29 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.4	0.0	212.4



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

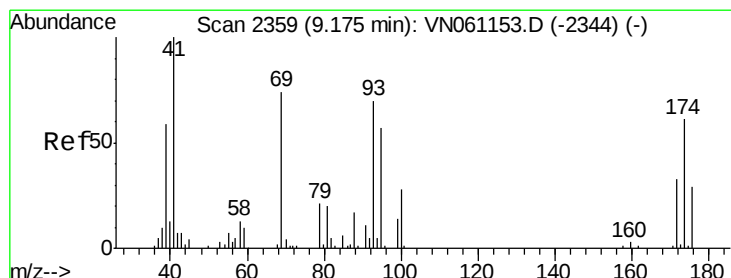
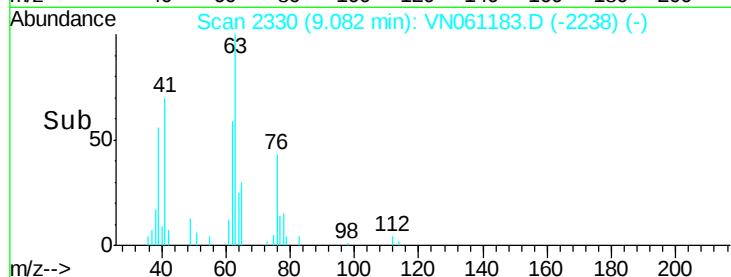
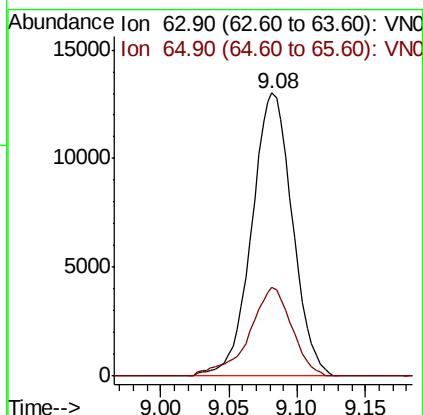
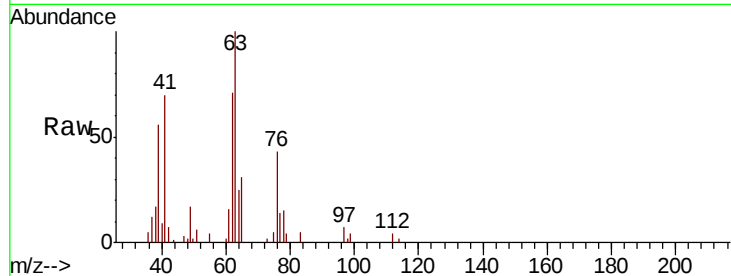




#45
 1,2-Dichloropropane
 Concen: 18.971 ug/l
 RT: 9.08 min Scan# 2330
 Delta R.T. -0.00 min
 Lab File: VN061183.D
 Acq: 29 Apr 2020 11:18

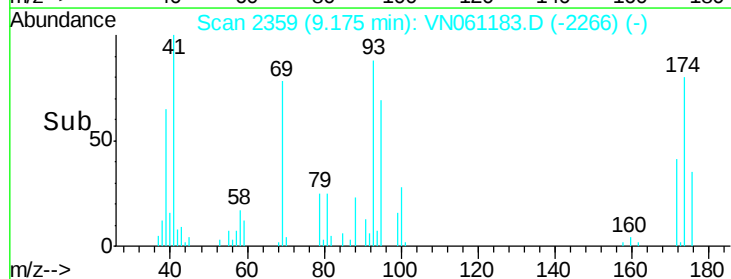
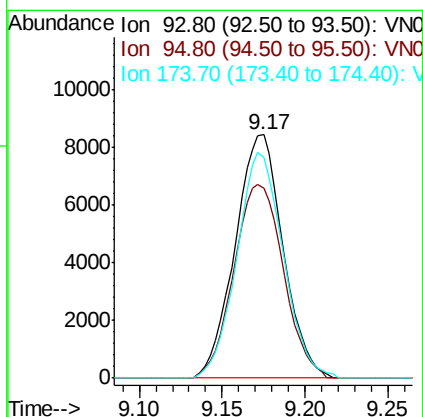
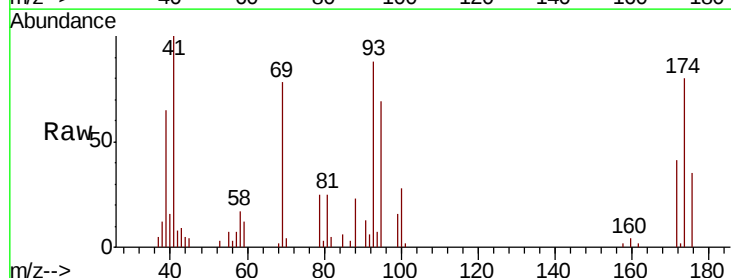
Instrument :
 MSVOA_N
 ClientSampled :

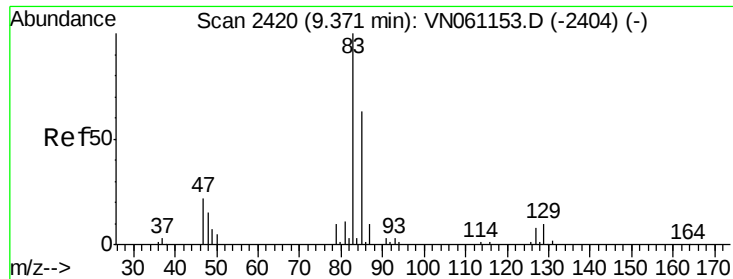
Tot Ion: 63 Resp: 26894
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.7 37.1



#46
 Dibromomethane
 Concen: 19.333 ug/l
 RT: 9.17 min Scan# 2359
 Delta R.T. 0.00 min
 Lab File: VN061183.D
 Acq: 29 Apr 2020 11:18

Tgt Ion: 93 Resp: 16970
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.6 99.8
 174 90.0 70.2 105.2





#47

Bromodichloromethane

Concen: 19.041 ug/l

RT: 9.37 min Scan# 2419

Delta R.T. -0.00 min

Lab File: VN061183.D

Acq: 29 Apr 2020 11:18

Instrument :

MSVOA_N

ClientSampled :

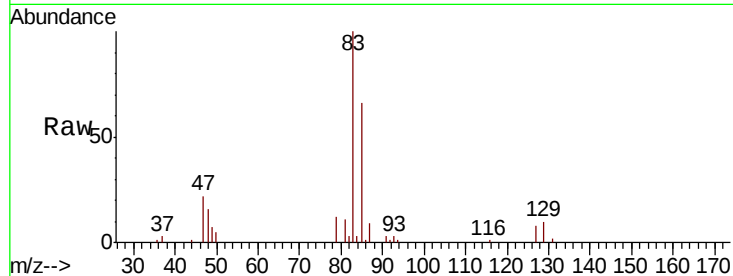
Tot Ion: 83 Resp: 35875

Ion Ratio Lower Upper

83 100

85 66.3 50.4 75.6

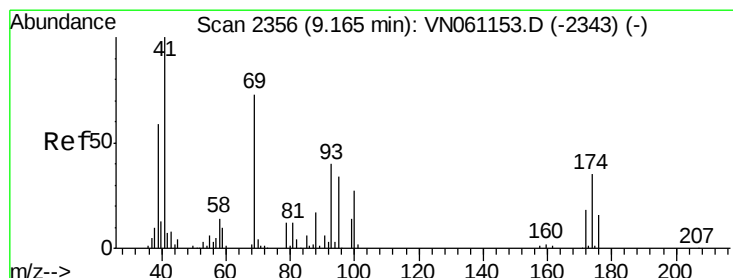
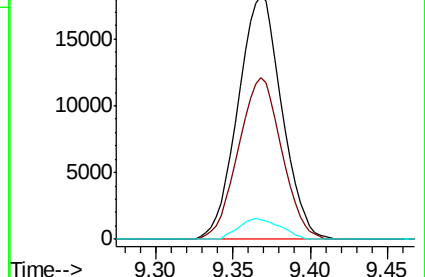
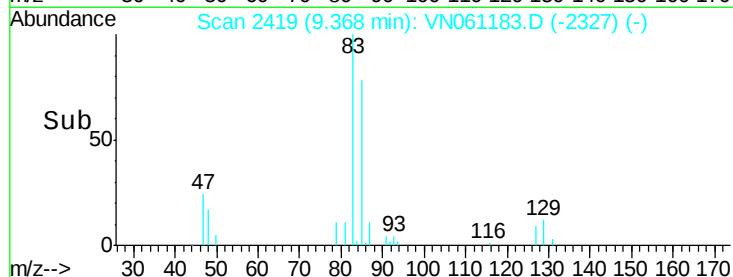
127 8.0 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN061183.D (-2404) (-)

Ion 84.90 (84.60 to 85.60): VN061183.D (-2404) (-)

Ion 126.80 (126.50 to 127.50): VN061183.D (-2404) (-)



#48

Methyl methacrylate

Concen: 17.306 ug/l

RT: 9.16 min Scan# 2355

Delta R.T. -0.00 min

Lab File: VN061183.D

Acq: 29 Apr 2020 11:18

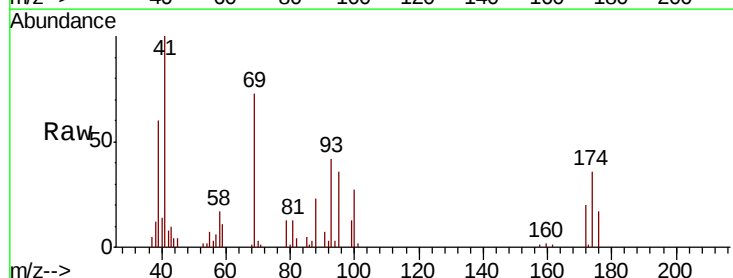
Tgt Ion: 41 Resp: 27062

Ion Ratio Lower Upper

41 100

69 75.7 60.3 90.5

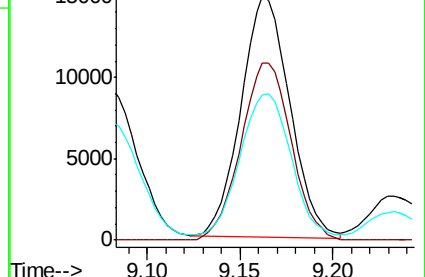
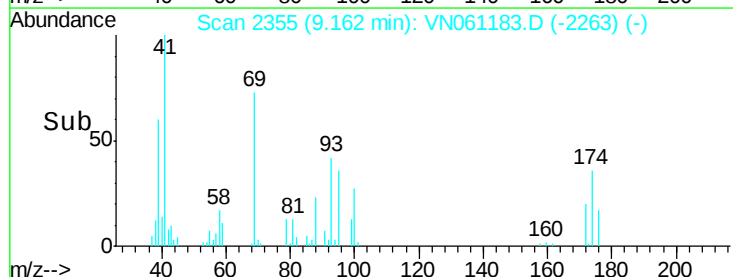
39 65.2 47.4 71.0

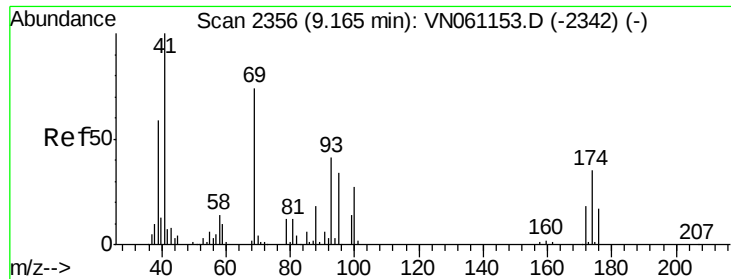


Abundance Ion 41.00 (40.70 to 41.70): VN061183.D (-2343) (-)

Ion 69.00 (68.70 to 69.70): VN061183.D (-2343) (-)

Ion 39.00 (38.70 to 39.70): VN061183.D (-2343) (-)

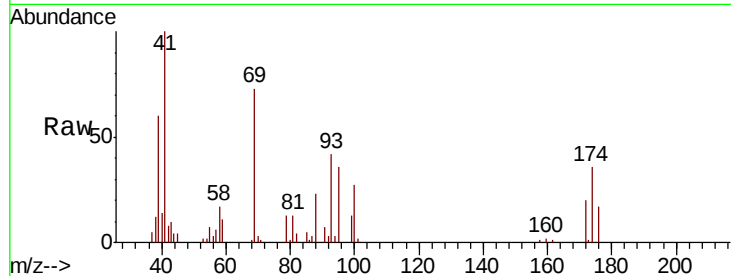




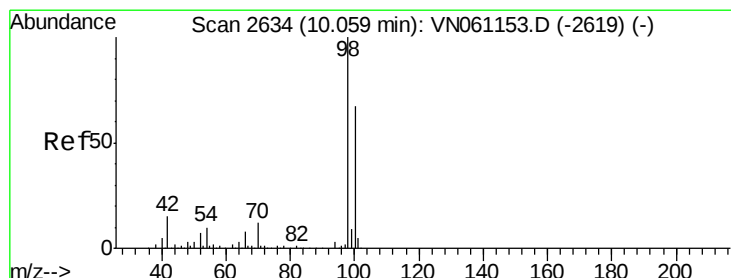
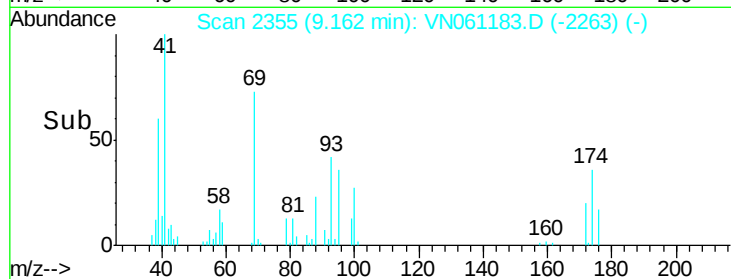
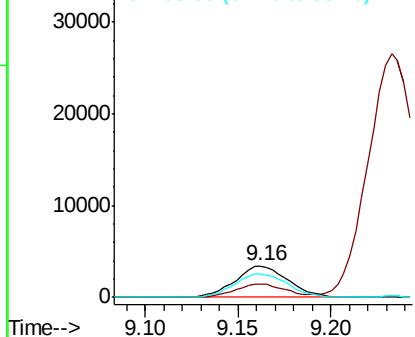
#49
1,4-Dioxane
Concen: 383.250 ug/l
RT: 9.16 min Scan# 2355
Delta R.T. -0.00 min
Lab File: VN061183.D
Acq: 29 Apr 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 6803
Ion Ratio Lower Upper
88 100
43 40.9 35.3 52.9
58 74.5 61.5 92.3

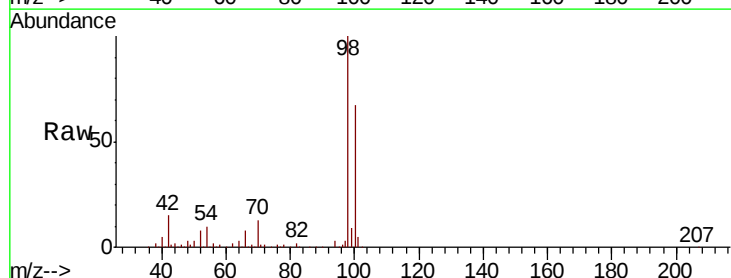


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

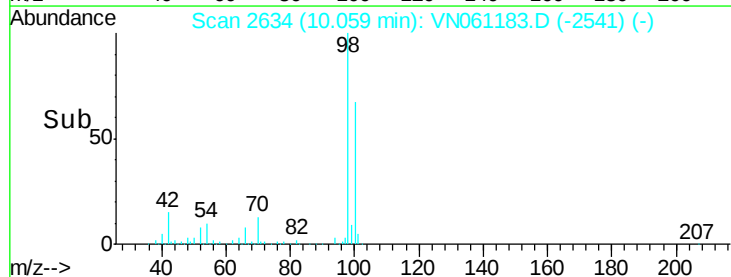
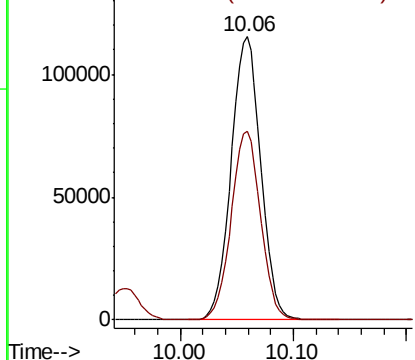


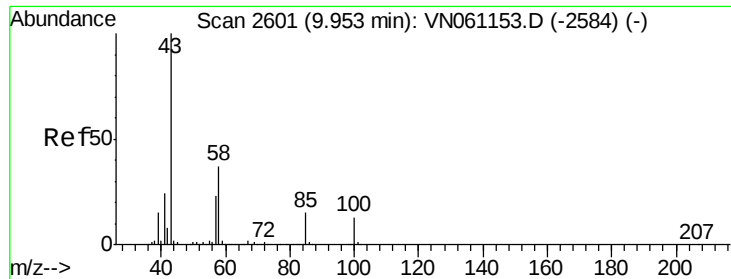
#50
Toluene-d8
Concen: 49.147 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061183.D
Acq: 29 Apr 2020 11:18

Tgt Ion: 98 Resp: 210792
Ion Ratio Lower Upper
98 100
100 66.1 53.4 80.0



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

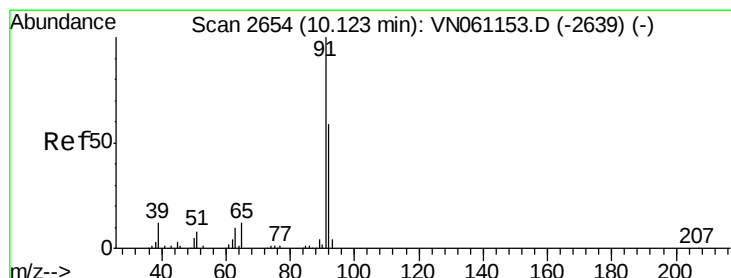
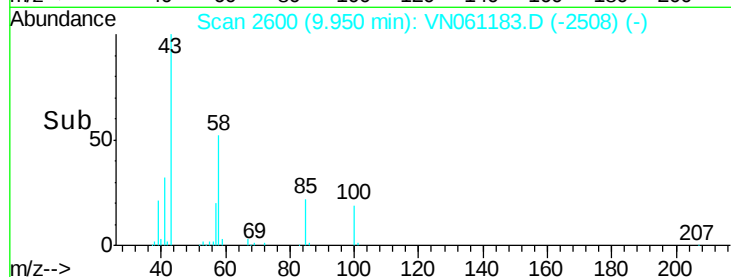
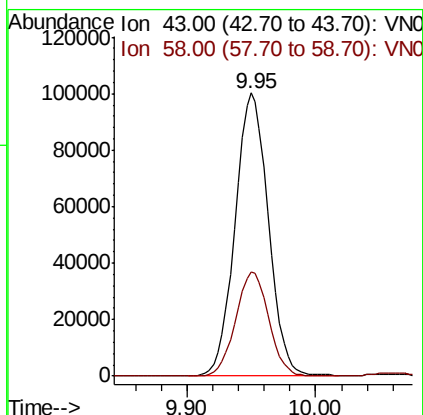
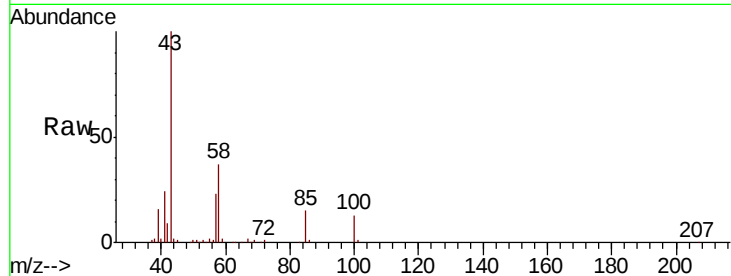




#51
 4-Methyl-2-Pentanone
 Concen: 88.059 ug/l
 RT: 9.95 min Scan# 2600
 Delta R.T. -0.00 min
 Lab File: VN061183.D
 Acq: 29 Apr 2020 11:18

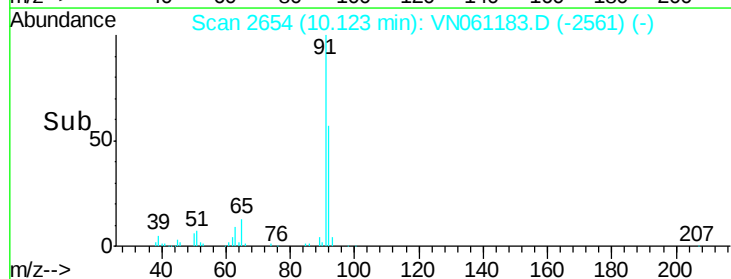
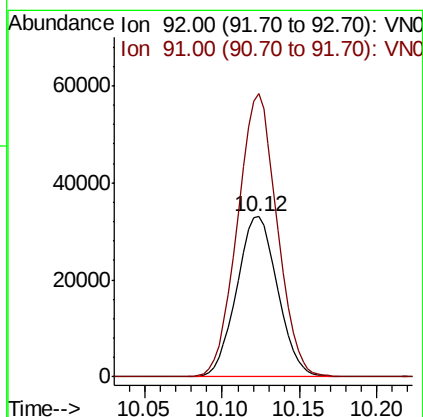
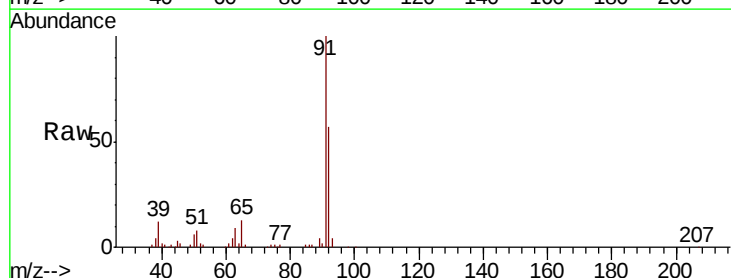
Instrument :
 MSVOA_N
 ClientSampled :

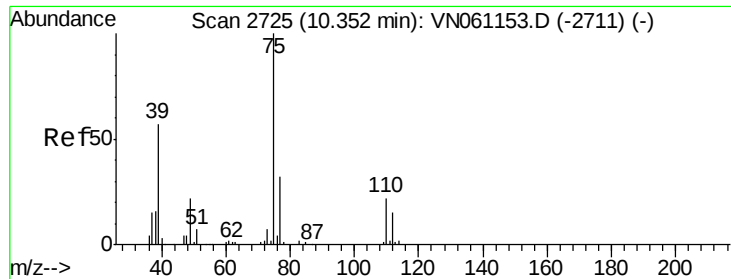
Tot Ion: 43 Resp: 179623
 Ion Ratio Lower Upper
 43 100
 58 36.6 29.1 43.7



#52
 Toluene
 Concen: 19.037 ug/l
 RT: 10.12 min Scan# 2654
 Delta R.T. 0.00 min
 Lab File: VN061183.D
 Acq: 29 Apr 2020 11:18

Tgt Ion: 92 Resp: 60847
 Ion Ratio Lower Upper
 92 100
 91 171.3 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 18.928 ug/l

RT: 10.35 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VN061183.D

Acq: 29 Apr 2020 11:18

Instrument :

MSVOA_N

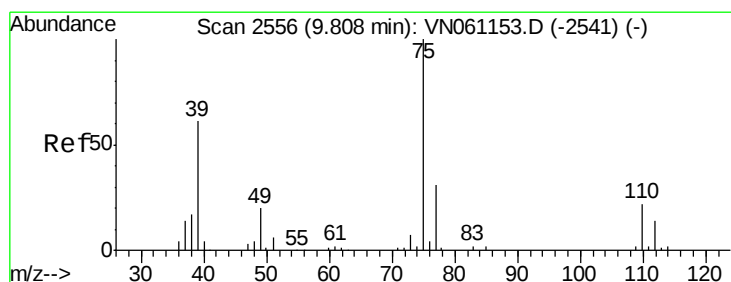
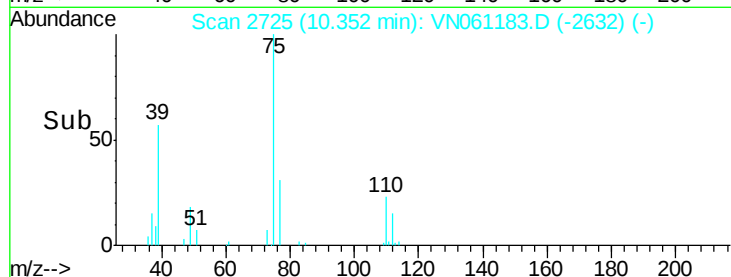
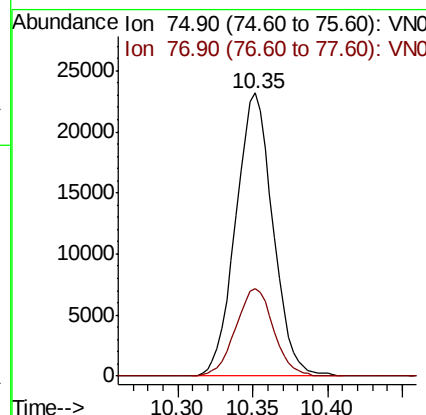
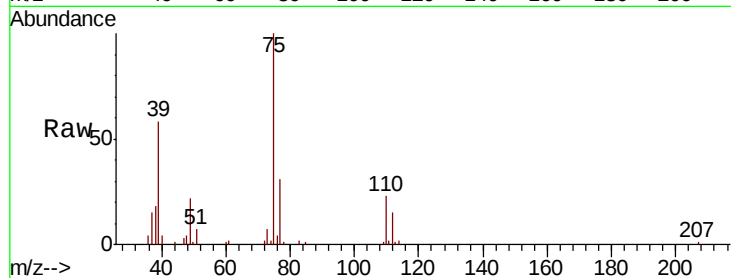
ClientSampled :

Tot Ion: 75 Resp: 40182

Ion Ratio Lower Upper

75 100

77 30.8 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 18.814 ug/l

RT: 9.81 min Scan# 2555

Delta R.T. -0.00 min

Lab File: VN061183.D

Acq: 29 Apr 2020 11:18

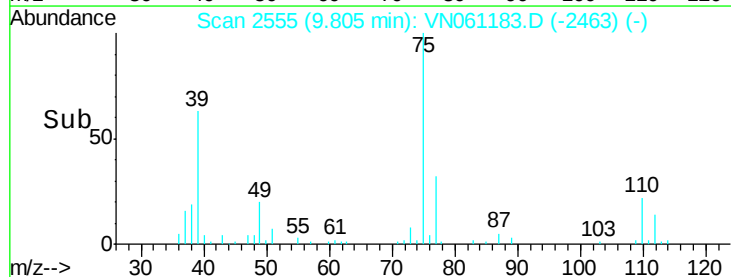
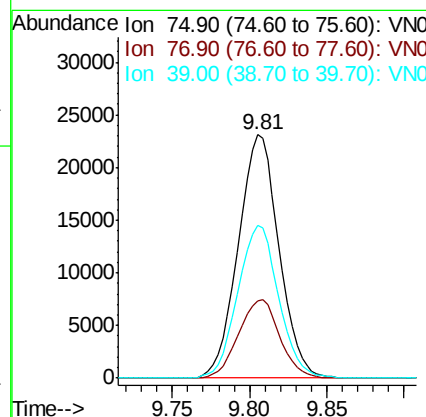
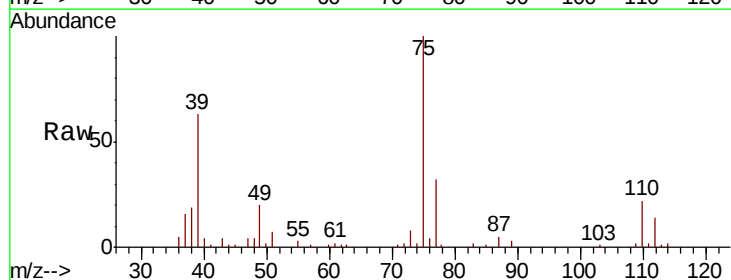
Tgt Ion: 75 Resp: 42225

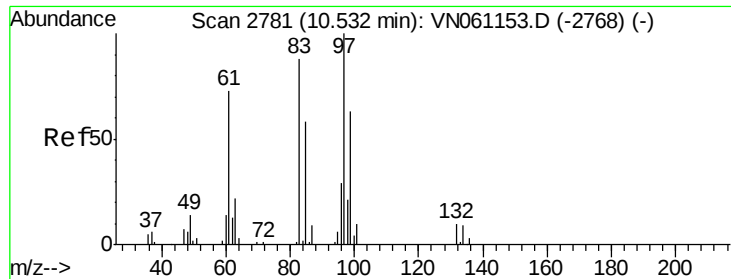
Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.4

39 62.5 48.7 73.1

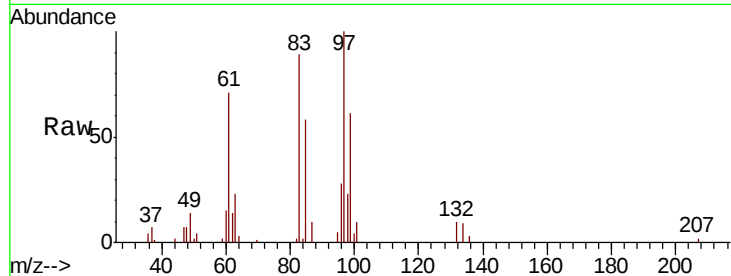




#55
 1,1,2-Trichloroethane
 Concen: 18.746 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: VN061183.D
 Acq: 29 Apr 2020 11:18

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	23899
Ion	Ratio	Lower	Upper
97	100		
83	89.1	70.6	106.0
85	58.2	46.4	69.6
99	61.2	50.6	75.8



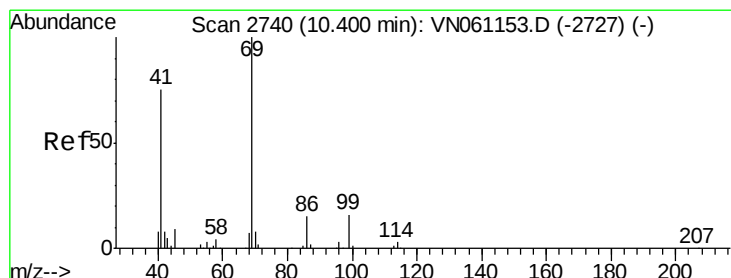
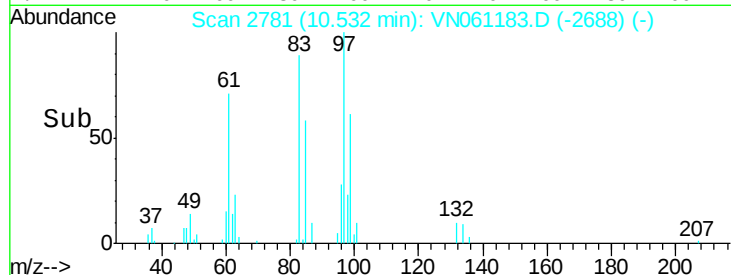
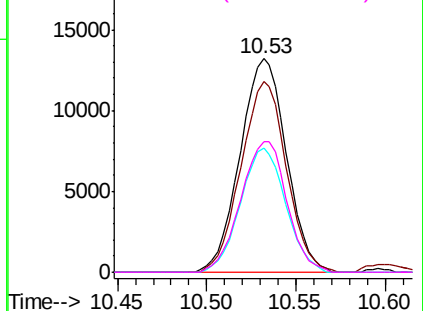
Abundance

Ion 96.90 (96.60 to 97.60): VN061183.D (-2688) (-)

Ion 82.90 (82.60 to 83.60): VN061183.D (-2688) (-)

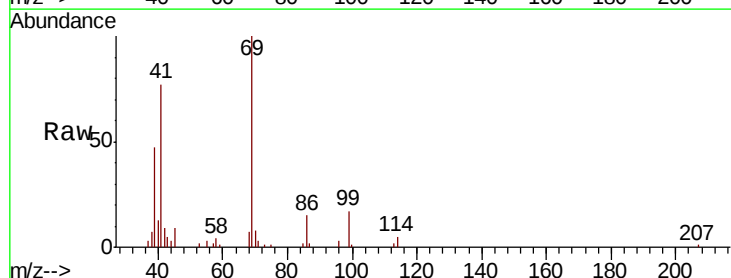
Ion 84.90 (84.60 to 85.60): VN061183.D (-2688) (-)

Ion 98.90 (98.60 to 99.60): VN061183.D (-2688) (-)



#56
 Ethyl methacrylate
 Concen: 17.618 ug/l
 RT: 10.40 min Scan# 2740
 Delta R.T. 0.00 min
 Lab File: VN061183.D
 Acq: 29 Apr 2020 11:18

Tgt Ion:	69	Resp:	34990
Ion	Ratio	Lower	Upper
69	100		
41	77.0	60.3	90.5
39	47.8	35.9	53.9

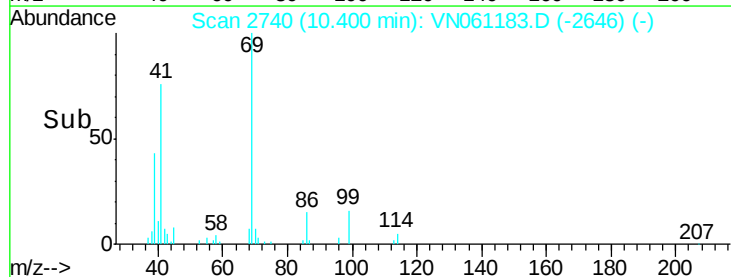
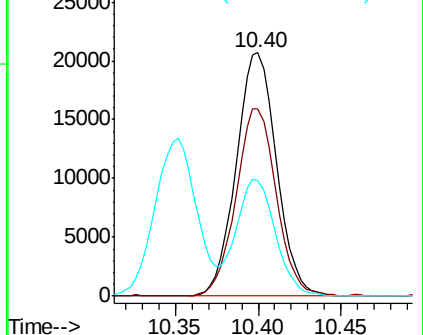


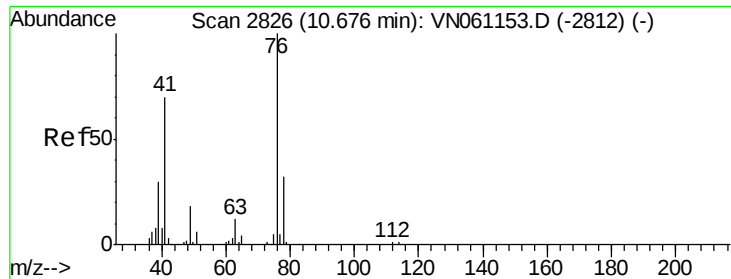
Abundance

Ion 69.00 (68.70 to 69.70): VN061183.D (-2646) (-)

Ion 41.00 (40.70 to 41.70): VN061183.D (-2646) (-)

Ion 39.00 (38.70 to 39.70): VN061183.D (-2646) (-)

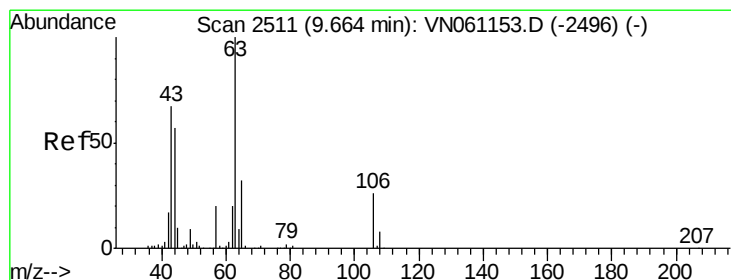
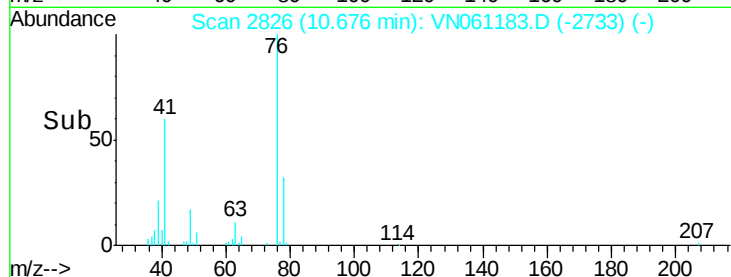
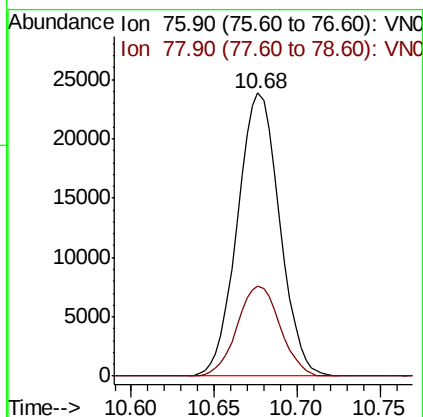
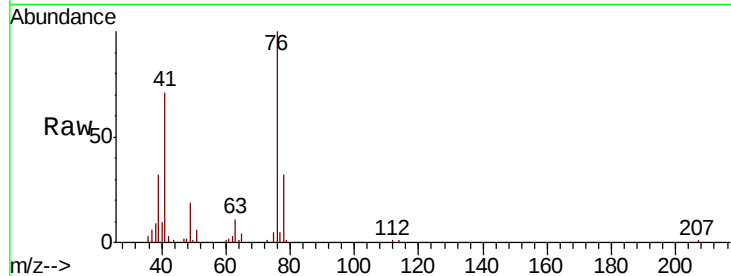




#57
 1,3-Dichloropropane
 Concen: 18.853 ug/l
 RT: 10.68 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: VN061183.D
 Acq: 29 Apr 2020 11:18

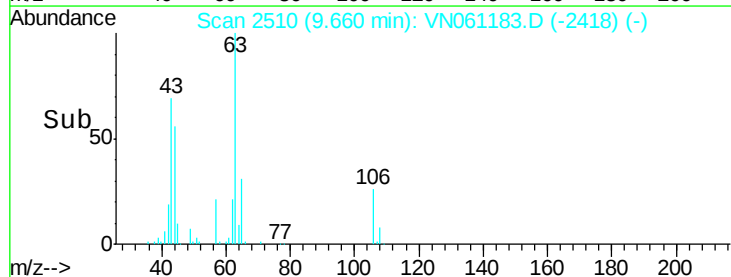
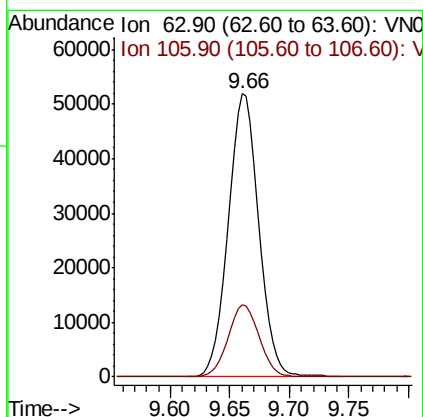
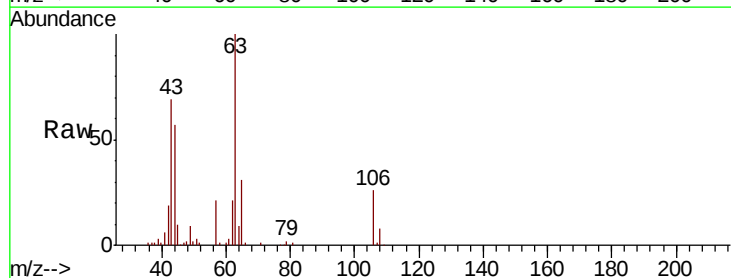
Instrument :
 MSVOA_N
 ClientSampleId :

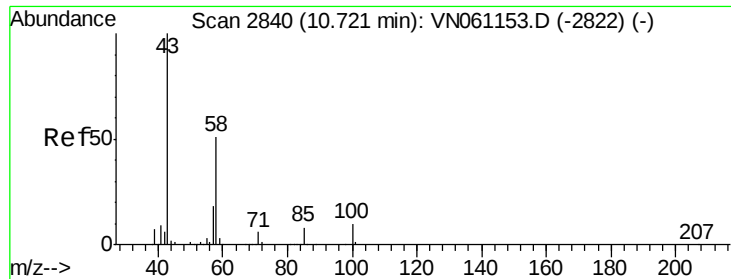
Tot Ion: 76 Resp: 42248
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.445 ug/l
 RT: 9.66 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: VN061183.D
 Acq: 29 Apr 2020 11:18

Tgt Ion: 63 Resp: 92303
 Ion Ratio Lower Upper
 63 100
 106 25.9 20.6 30.8

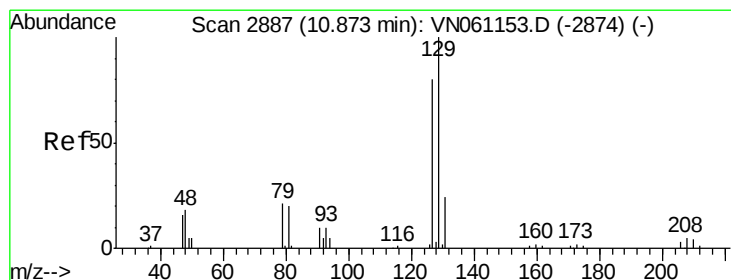
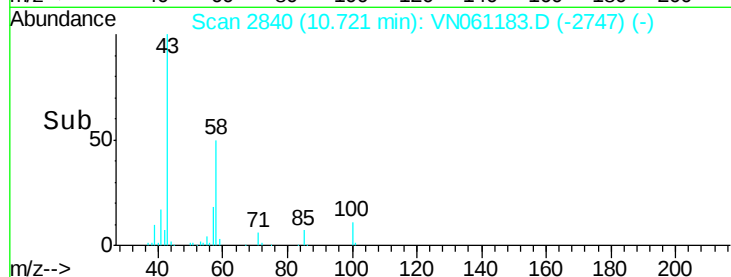
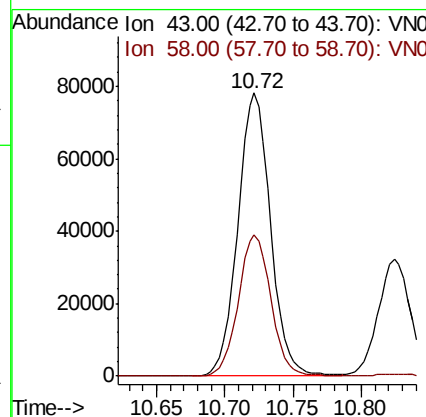
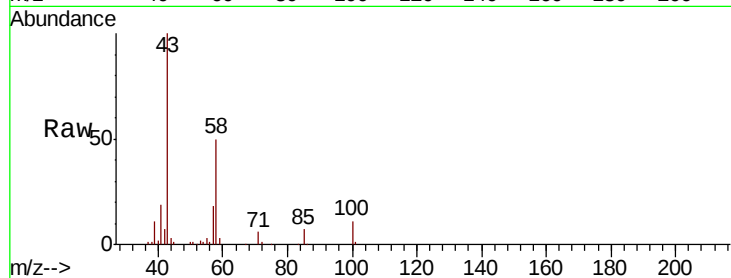




#59
2-Hexanone
Concen: 87.459 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061183.D
Acq: 29 Apr 2020 11:18

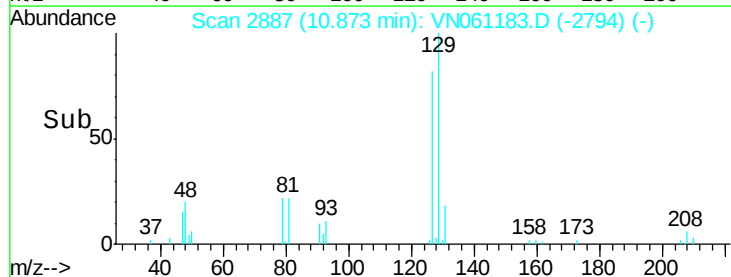
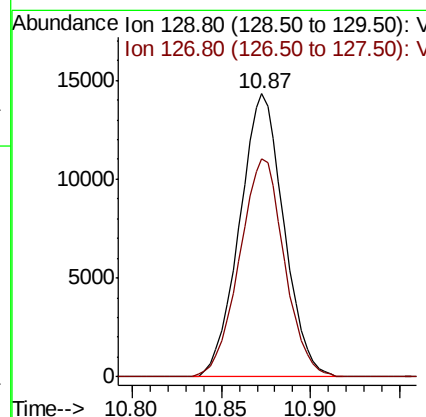
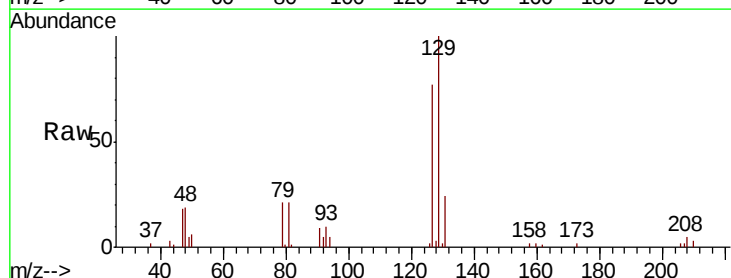
Instrument :
MSVOA_N
ClientSampled :

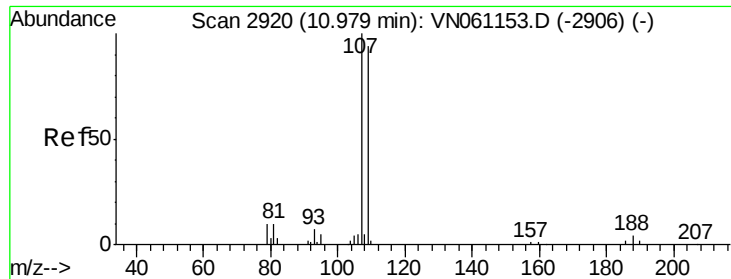
Tot Ion: 43 Resp: 129789
Ion Ratio Lower Upper
43 100
58 49.9 25.4 76.4



#60
Dibromochloromethane
Concen: 18.570 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061183.D
Acq: 29 Apr 2020 11:18

Tgt Ion: 129 Resp: 24795
Ion Ratio Lower Upper
129 100
127 78.2 39.3 117.8

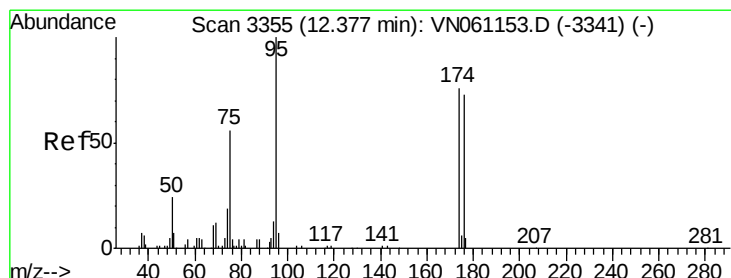
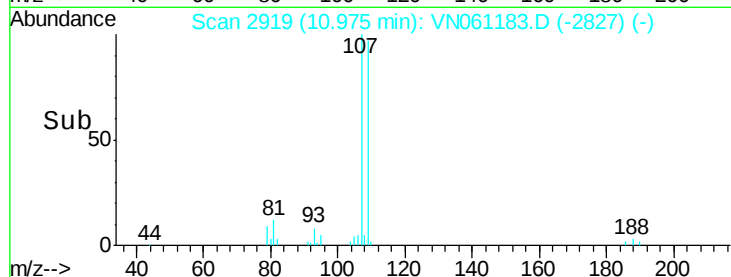
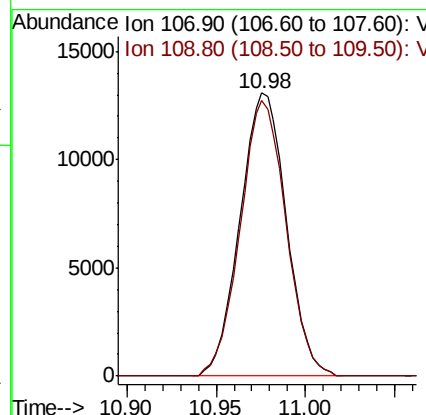
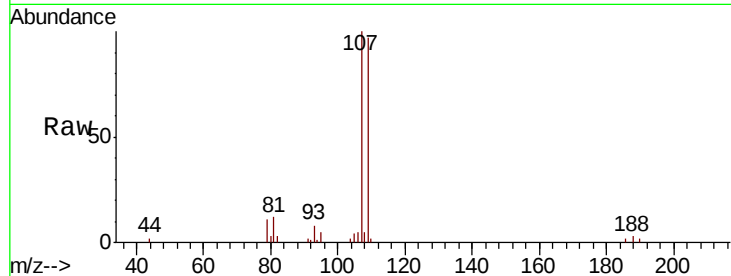




#61
 1,2-Dibromoethane
 Concen: 18.502 ug/l
 RT: 10.98 min Scan# 2919
 Delta R.T. -0.00 min
 Lab File: VN061183.D
 Acq: 29 Apr 2020 11:18

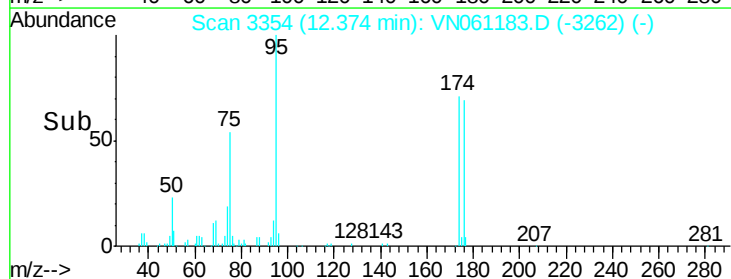
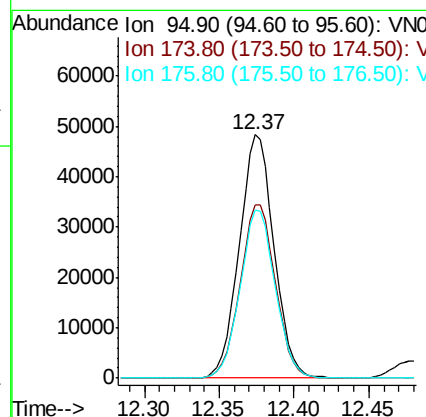
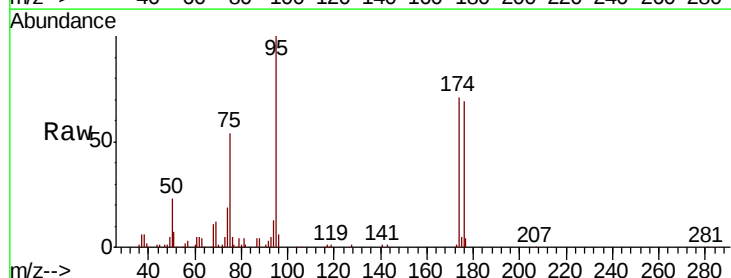
Instrument :
 MSVOA_N
 ClientSampled :

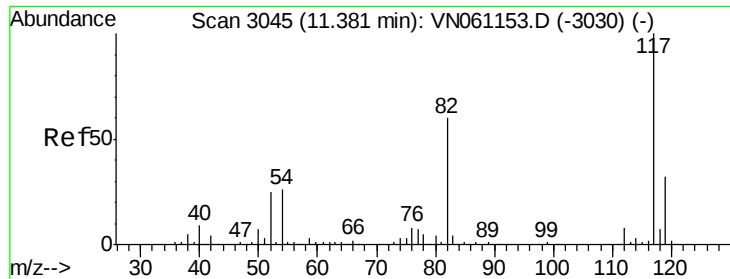
Tot Ion:107 Resp: 23642
 Ion Ratio Lower Upper
 107 100
 109 95.9 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 48.293 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN061183.D
 Acq: 29 Apr 2020 11:18

Tgt Ion: 95 Resp: 77947
 Ion Ratio Lower Upper
 95 100
 174 72.3 0.0 149.4
 176 69.9 0.0 144.8

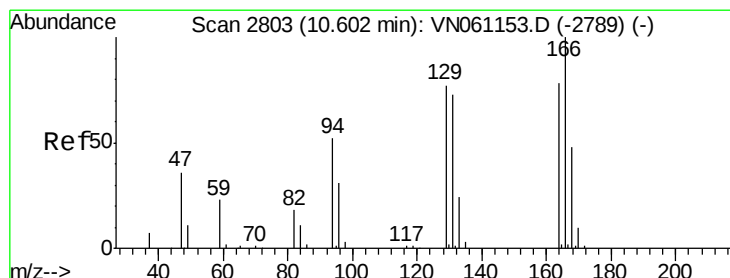
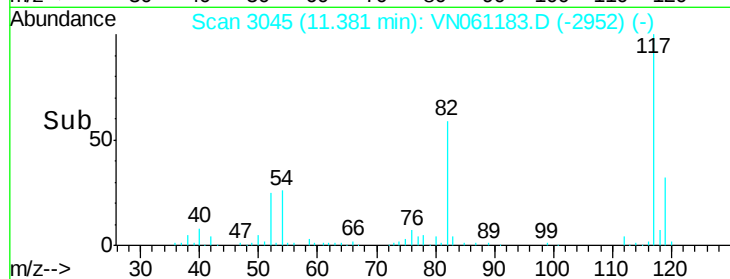
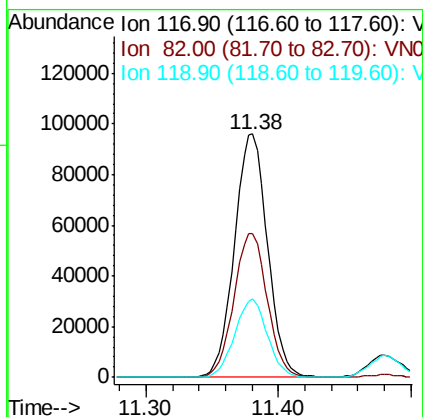
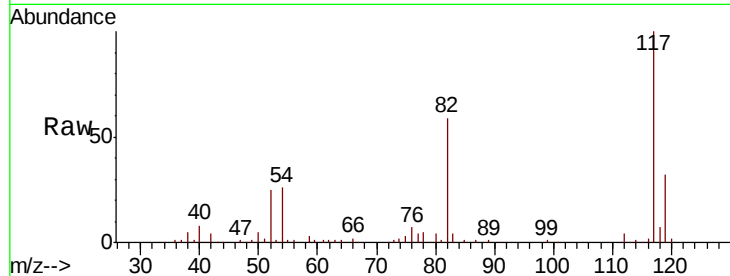




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061183.D
Acq: 29 Apr 2020 11:18

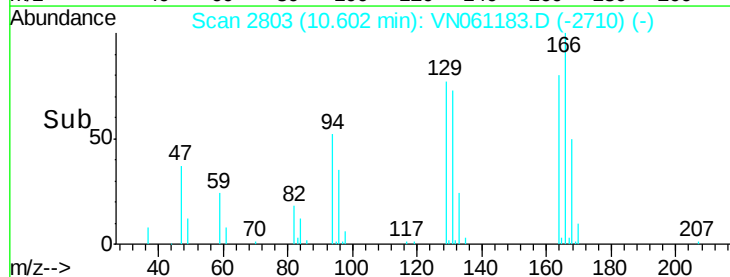
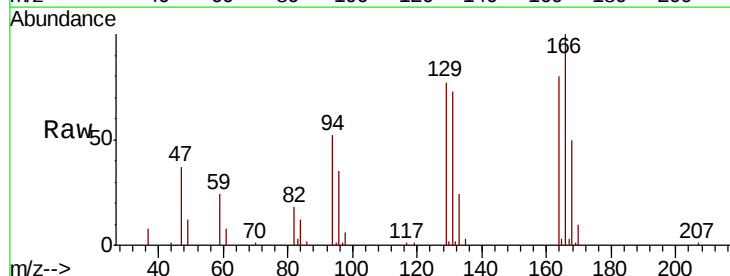
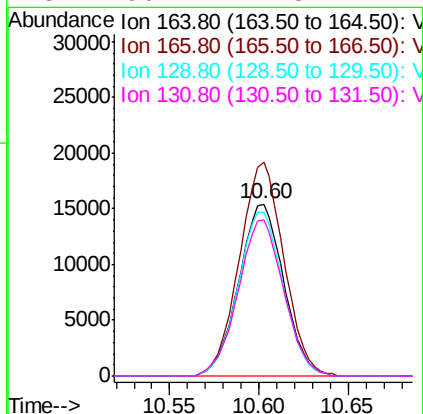
Instrument :
MSVOA_N
ClientSampleId :

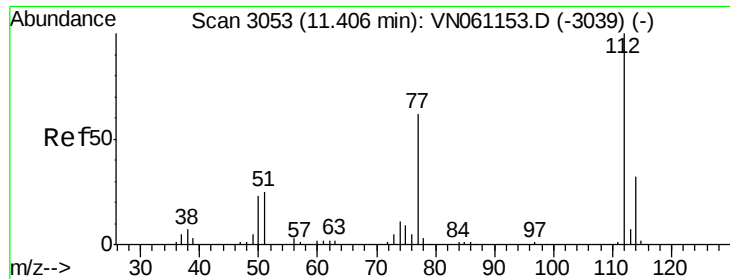
Tot Ion:117 Resp: 165982
Ion Ratio Lower Upper
117 100
82 59.1 47.8 71.8
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 18.859 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061183.D
Acq: 29 Apr 2020 11:18

Tgt Ion:164 Resp: 27111
Ion Ratio Lower Upper
164 100
166 124.4 102.0 153.0
129 95.5 78.2 117.2
131 90.7 74.5 111.7





#65

Chlorobenzene

Concen: 18.754 ug/l

RT: 11.40 min Scan# 3052

Delta R.T. -0.00 min

Lab File: VN061183.D

Acq: 29 Apr 2020 11:18

Instrument :

MSVOA_N

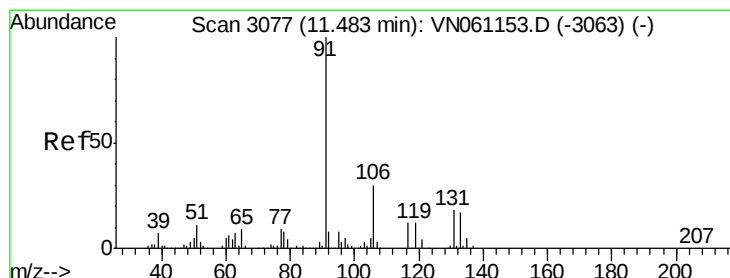
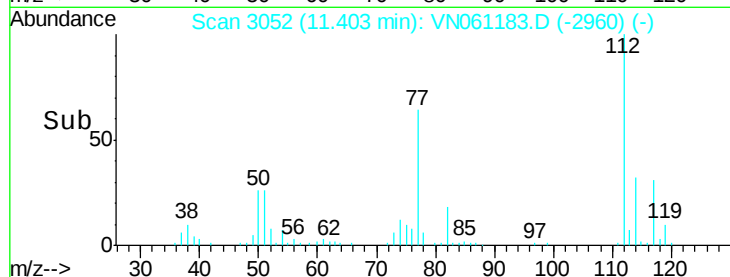
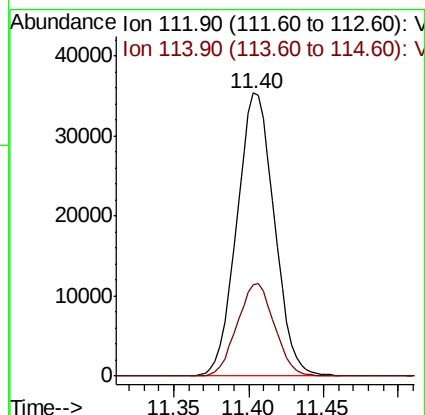
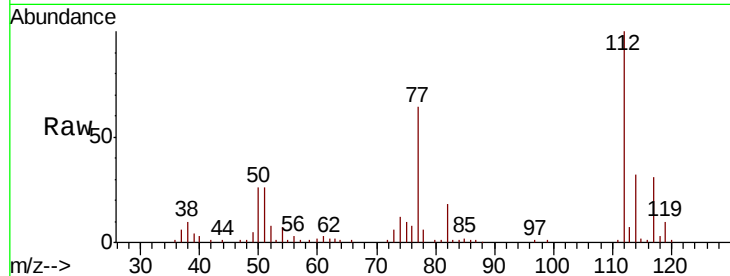
ClientSampled :

Tot Ion:112 Resp: 61749

Ion Ratio Lower Upper

112 100

114 32.4 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 19.232 ug/l

RT: 11.48 min Scan# 3076

Delta R.T. -0.00 min

Lab File: VN061183.D

Acq: 29 Apr 2020 11:18

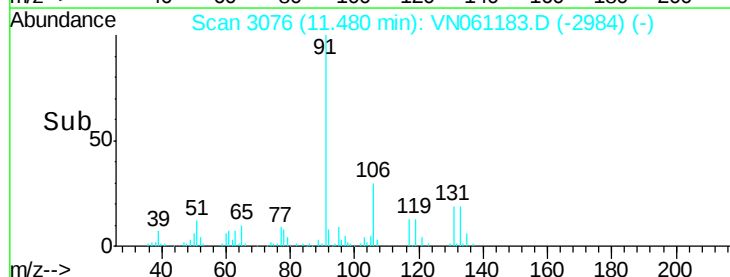
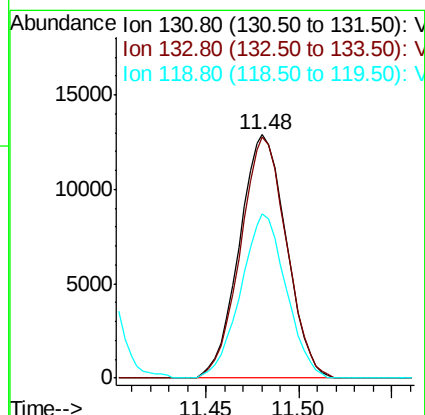
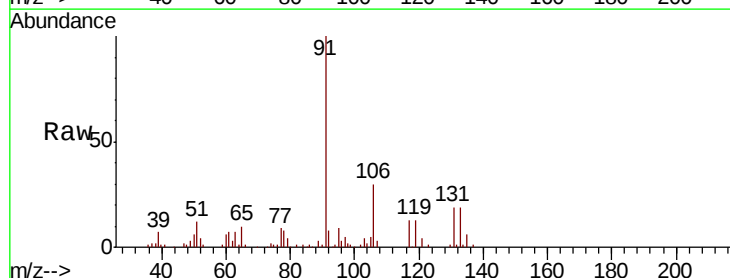
Tgt Ion:131 Resp: 22664

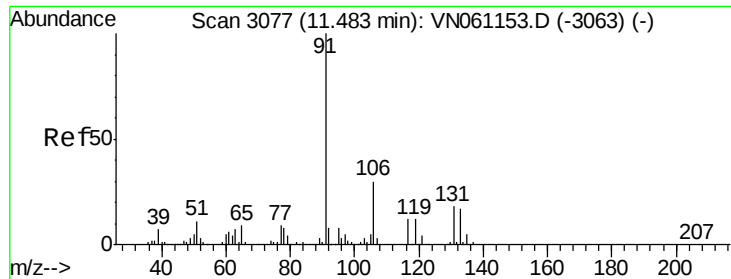
Ion Ratio Lower Upper

131 100

133 97.1 48.0 144.2

119 64.9 32.6 97.8

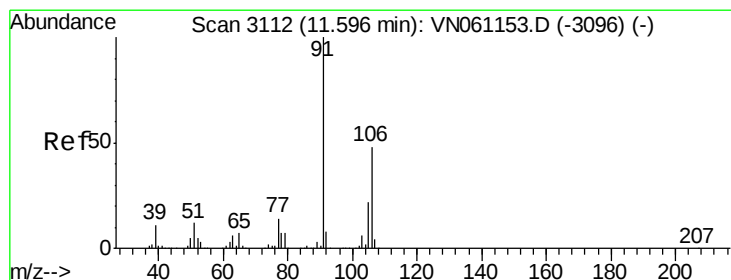
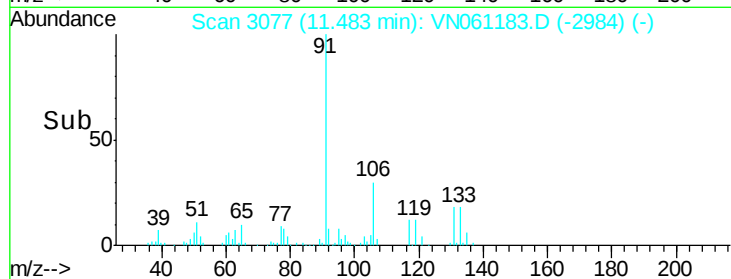
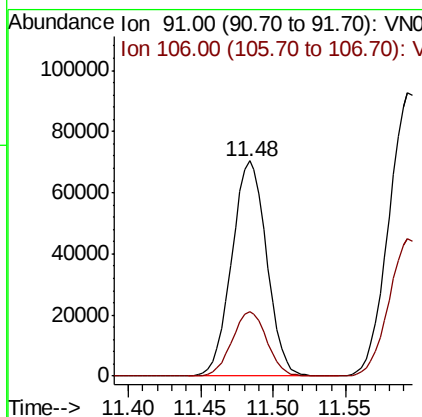
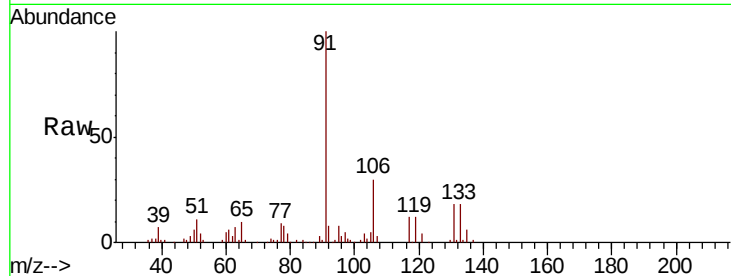




#67
Ethyl Benzene
Concen: 19.124 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061183.D
Acq: 29 Apr 2020 11:18

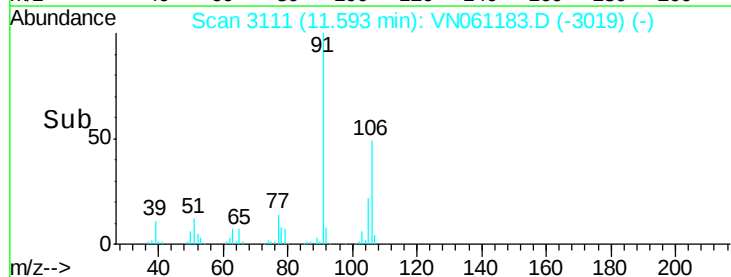
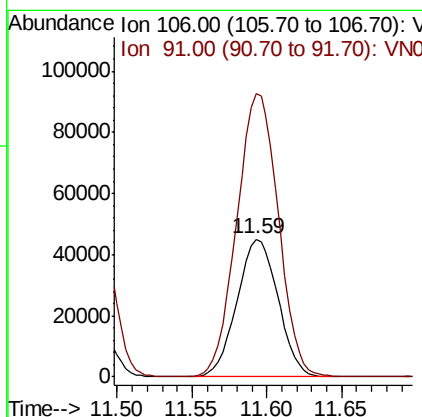
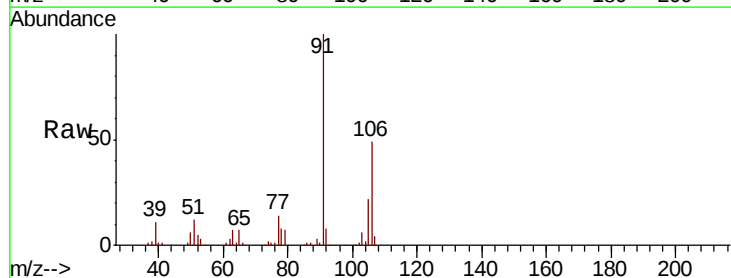
Instrument :
MSVOA_N
ClientSampled :

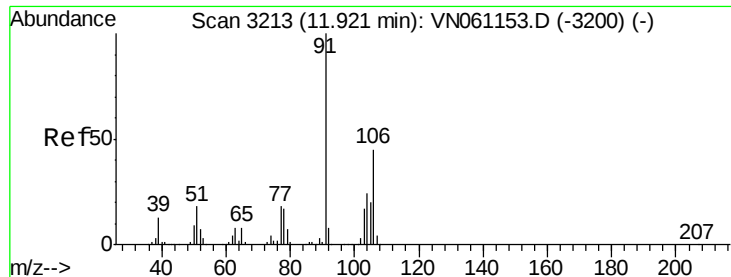
Tot Ion: 91 Resp: 117875
Ion Ratio Lower Upper
91 100
106 30.0 23.8 35.6



#68
m/p-Xylenes
Concen: 38.201 ug/l
RT: 11.59 min Scan# 3111
Delta R.T. -0.00 min
Lab File: VN061183.D
Acq: 29 Apr 2020 11:18

Tgt Ion: 106 Resp: 86184
Ion Ratio Lower Upper
106 100
91 208.4 166.4 249.6

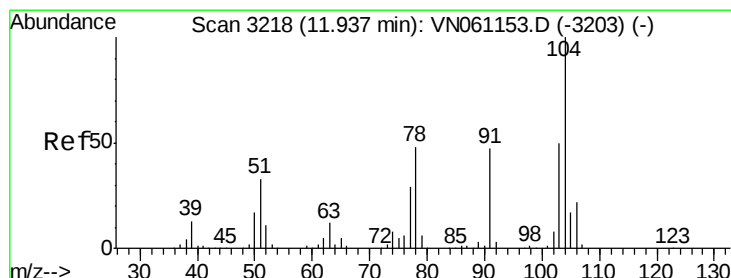
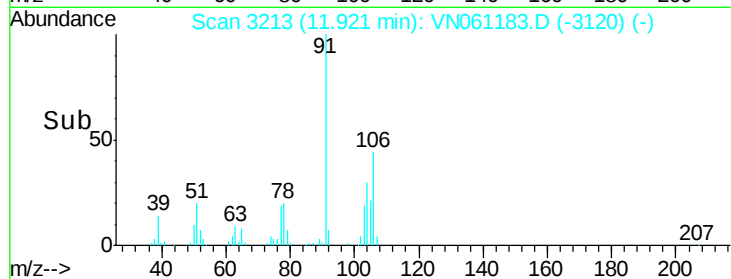
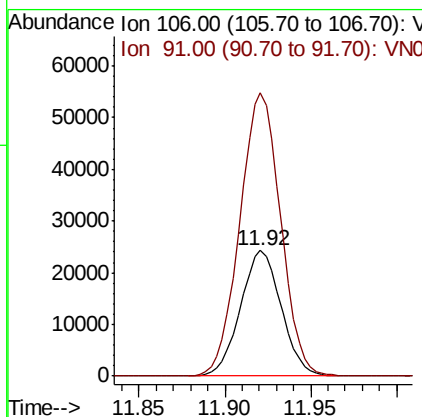
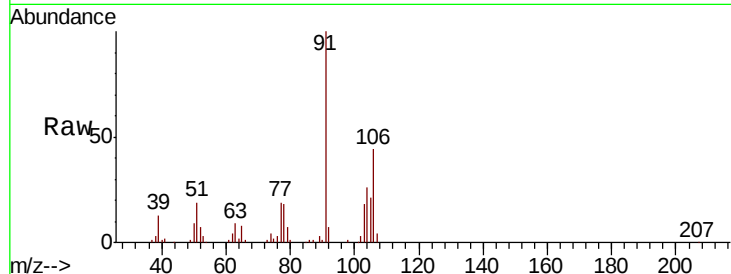




#69
o-Xylene
Concen: 18.425 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061183.D
Acq: 29 Apr 2020 11:18

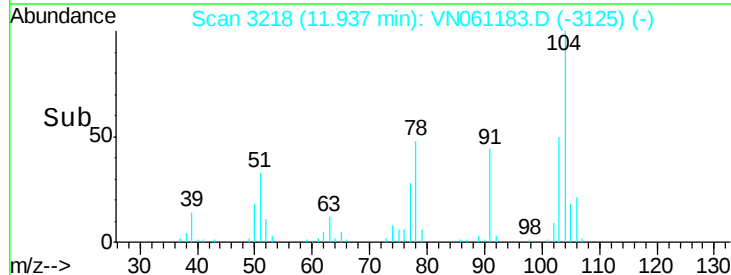
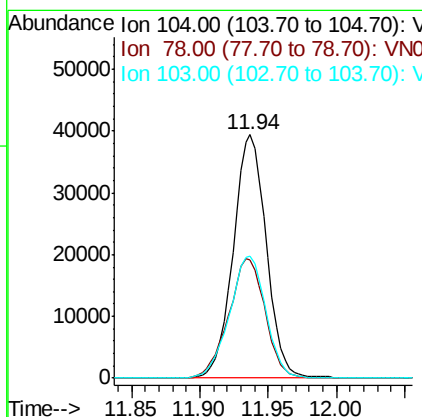
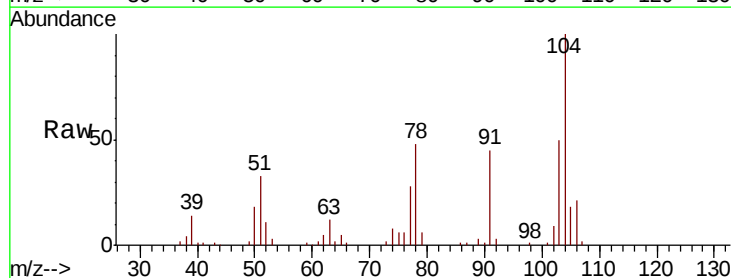
Instrument :
MSVOA_N
ClientSampled :

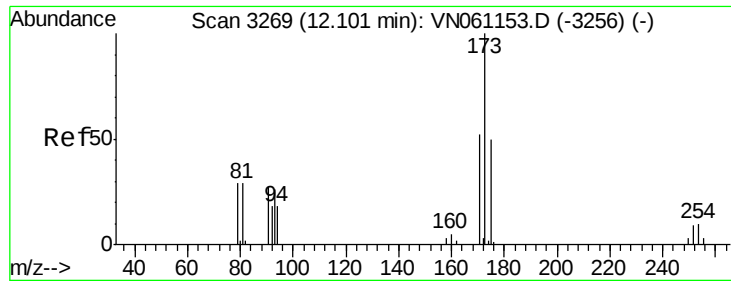
Tot Ion:106 Resp: 39928
Ion Ratio Lower Upper
106 100
91 225.7 109.7 329.0



#70
Styrene
Concen: 18.256 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061183.D
Acq: 29 Apr 2020 11:18

Tgt Ion:104 Resp: 66214
Ion Ratio Lower Upper
104 100
78 54.1 42.1 63.1
103 54.9 43.3 64.9

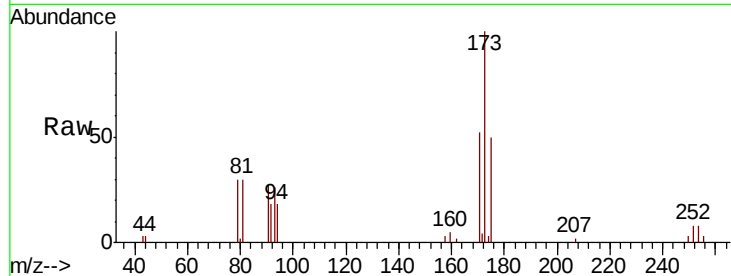




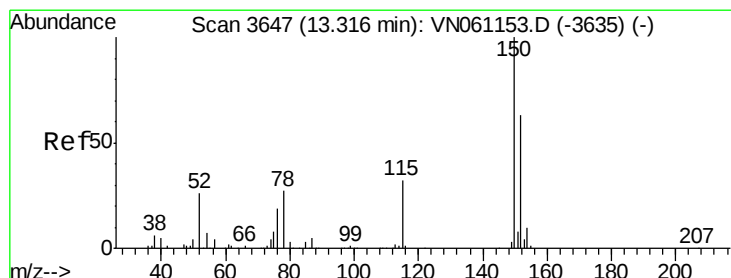
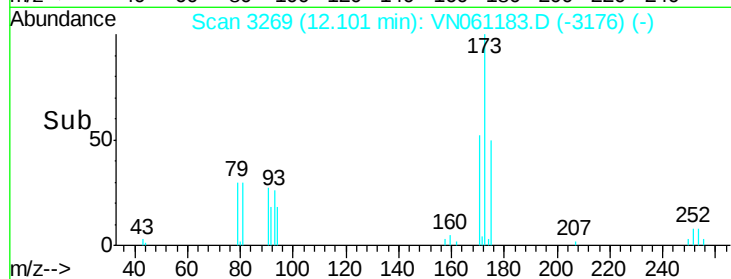
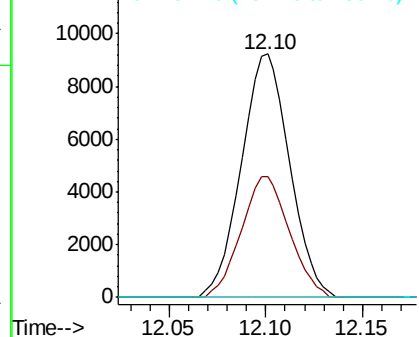
#71
Bromoform
Concen: 18.529 ug/l
RT: 12.10 min Scan# 3269
Delta R.T. 0.00 min
Lab File: VN061183.D
Acq: 29 Apr 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 16048
Ion Ratio Lower Upper
173 100
175 49.3 24.1 72.4
254 0.0 0.0 0.0

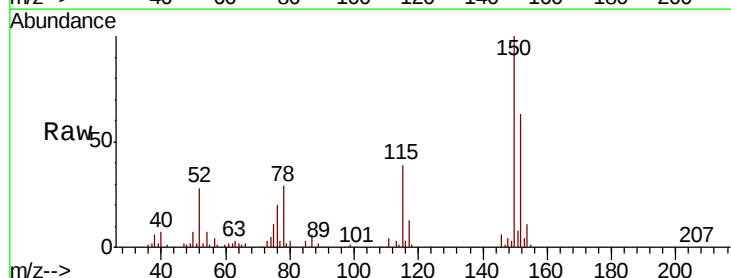


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

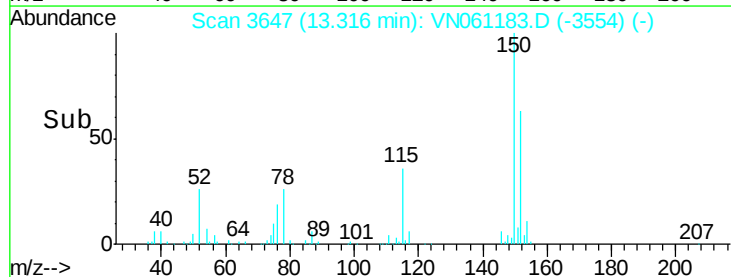
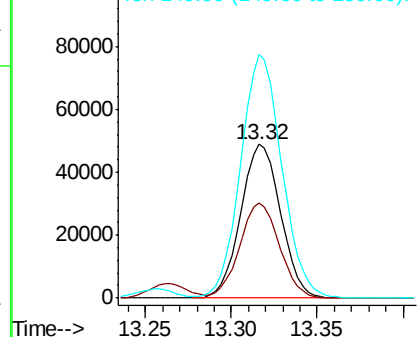


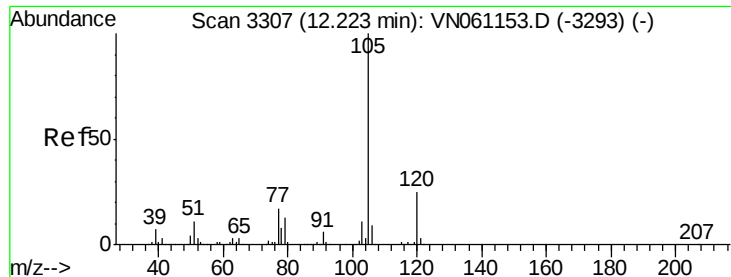
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3647
Delta R.T. 0.00 min
Lab File: VN061183.D
Acq: 29 Apr 2020 11:18

Tgt Ion:152 Resp: 78715
Ion Ratio Lower Upper
152 100
115 62.1 31.0 93.0
150 164.6 0.0 351.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.015 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061183.D

Acq: 29 Apr 2020 11:18

Instrument :

MSVOA_N

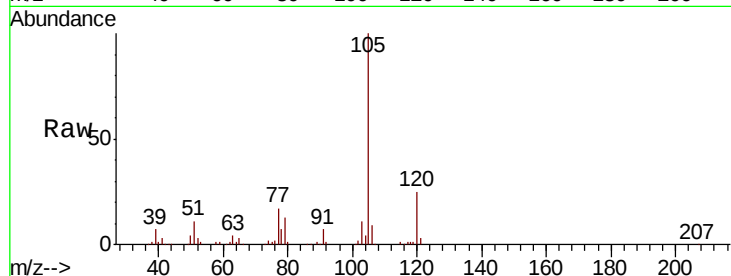
ClientSampled :

Tot Ion:105 Resp: 110033

Ion Ratio Lower Upper

105 100

120 25.5 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

80000

60000

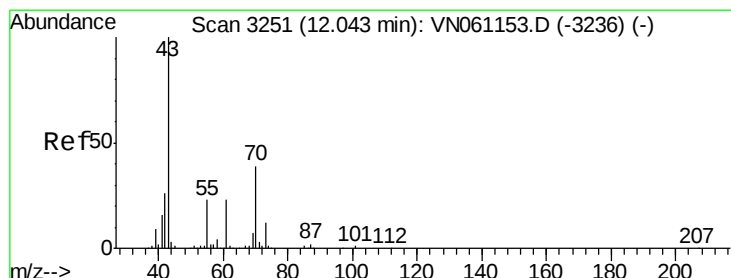
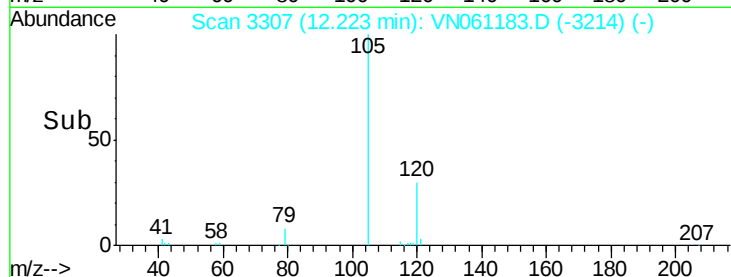
40000

20000

0

Time-->

12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 17.475 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061183.D

Acq: 29 Apr 2020 11:18

Tgt Ion: 43 Resp: 51207

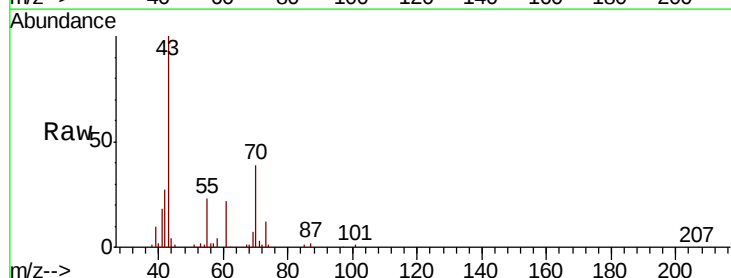
Ion Ratio Lower Upper

43 100

70 38.2 30.6 46.0

55 23.4 18.5 27.7

61 22.5 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

50000

40000

30000

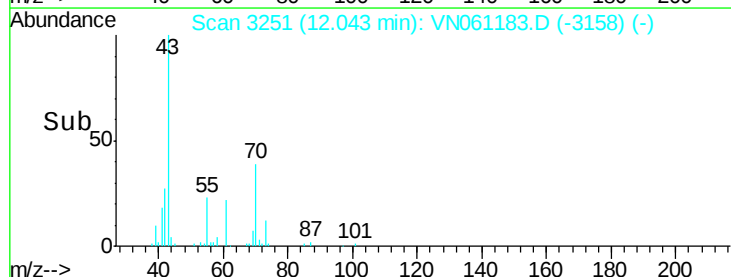
20000

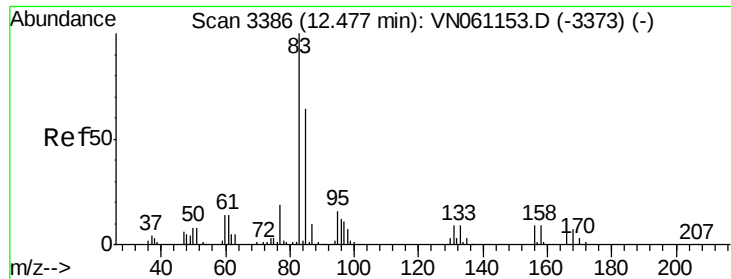
10000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 19.031 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061183.D

Acq: 29 Apr 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

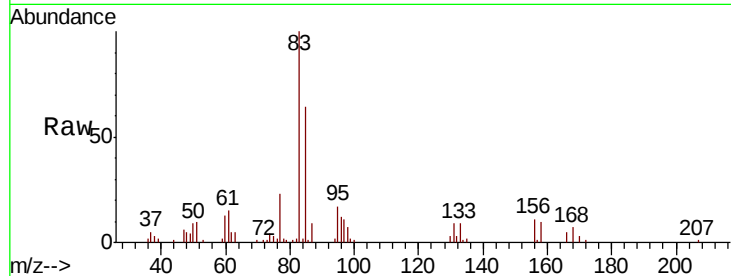
Tot Ion: 83 Resp: 34339

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.3

85 62.7 32.0 96.0



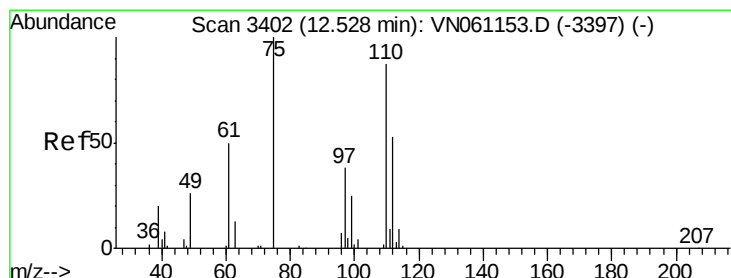
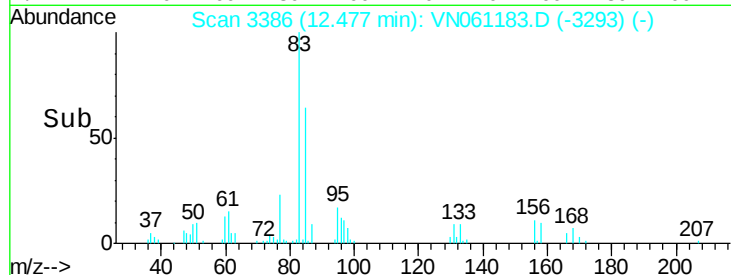
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

12.48

Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 27.693 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061183.D

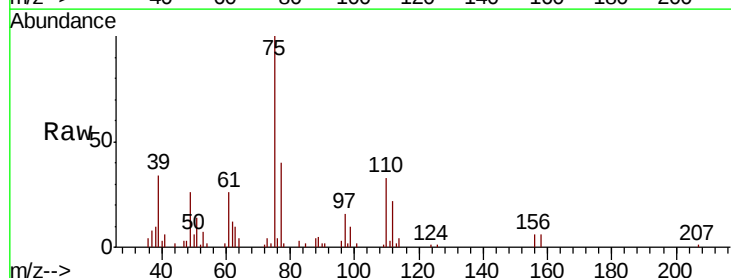
Acq: 29 Apr 2020 11:18

Tgt Ion: 75 Resp: 45958

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

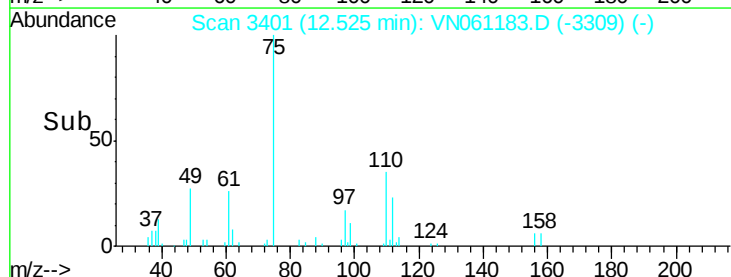


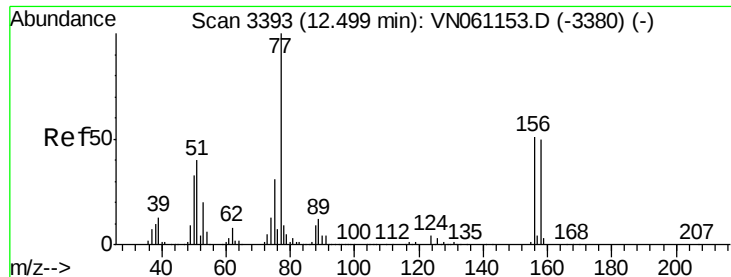
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.53

Time--> 12.50 12.60





#77

Bromobenzene

Concen: 19.279 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061183.D

Acq: 29 Apr 2020 11:18

Instrument :

MSVOA_N

ClientSampled :

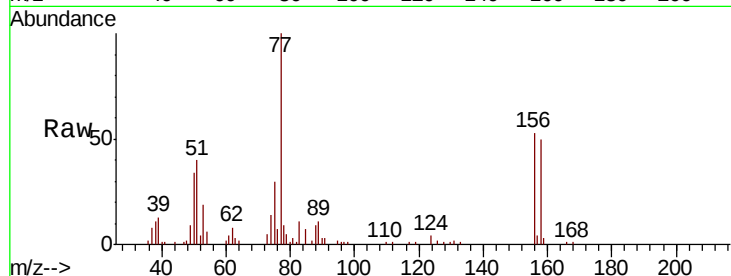
Tot Ion:156 Resp: 25754

Ion Ratio Lower Upper

156 100

77 232.7 117.4 352.2

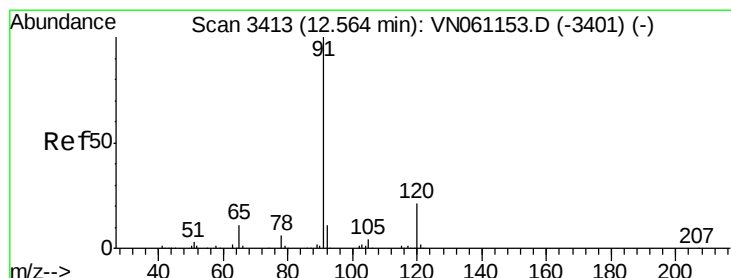
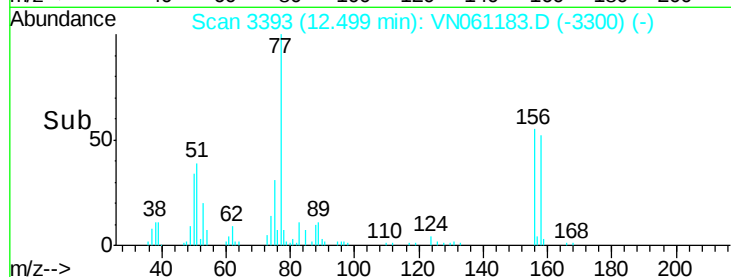
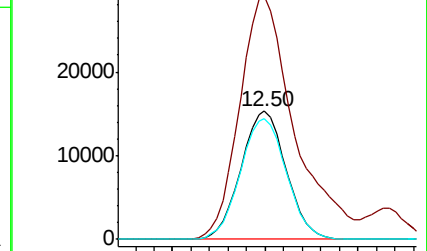
158 96.5 48.4 145.0



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: 19.355 ug/l

RT: 12.56 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061183.D

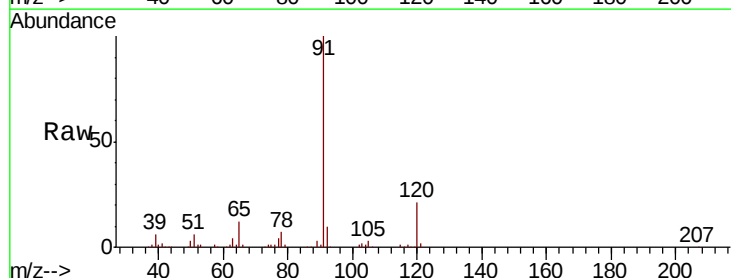
Acq: 29 Apr 2020 11:18

Tgt Ion: 91 Resp: 132850

Ion Ratio Lower Upper

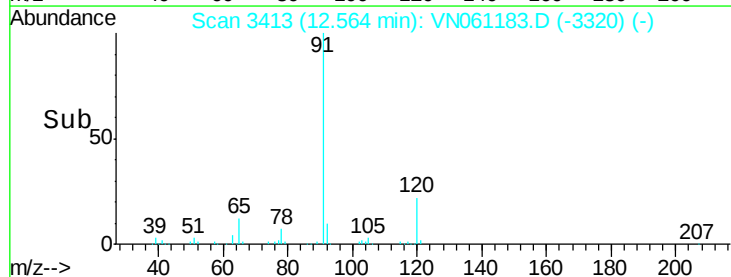
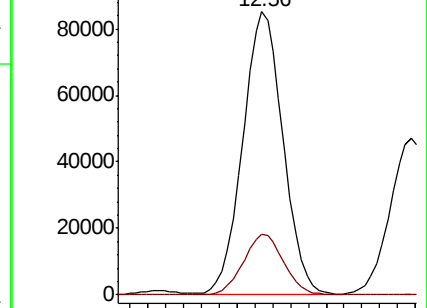
91 100

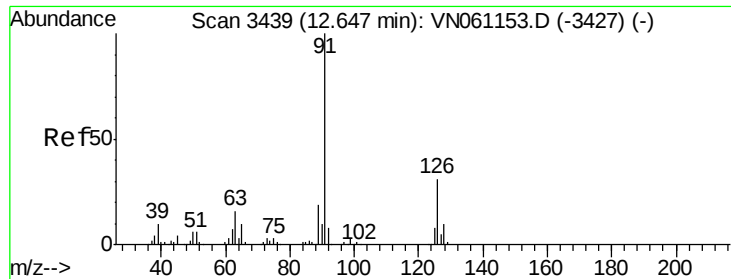
120 21.5 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.400 ug/l

RT: 12.65 min Scan# 3439

Delta R.T. 0.00 min

Lab File: VN061183.D

Acq: 29 Apr 2020 11:18

Instrument :

MSVOA_N

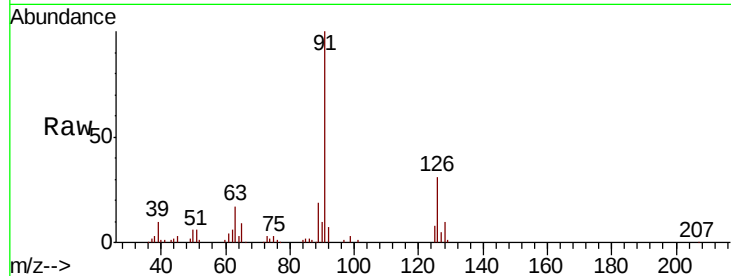
ClientSampled :

Tot Ion: 91 Resp: 78265

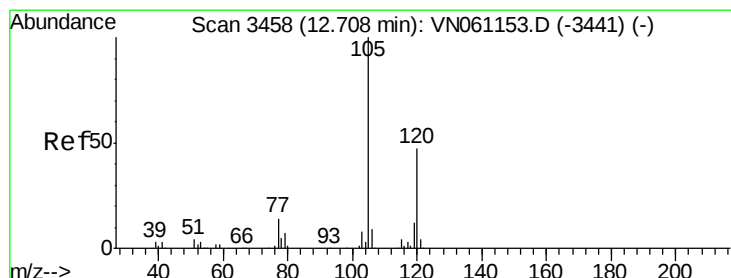
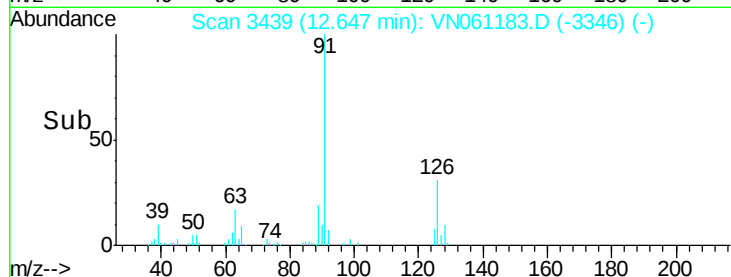
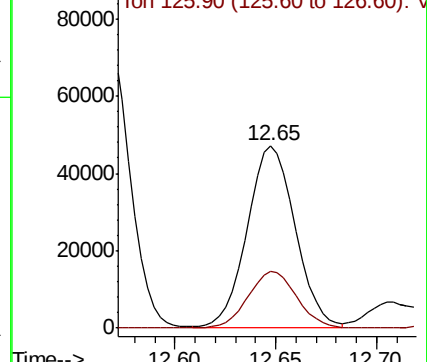
Ion Ratio Lower Upper

91 100

126 31.7 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN061183.D (-3439) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.505 ug/l

RT: 12.71 min Scan# 3458

Delta R.T. 0.00 min

Lab File: VN061183.D

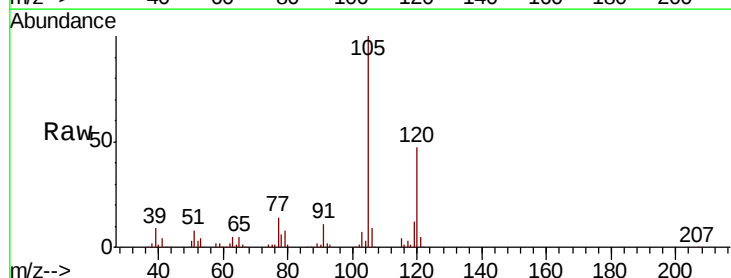
Acq: 29 Apr 2020 11:18

Tgt Ion:105 Resp: 93418

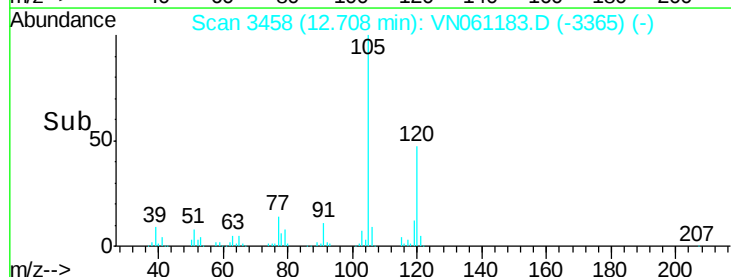
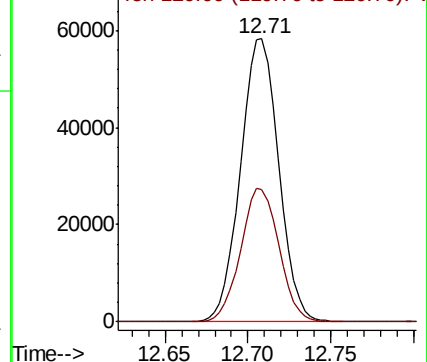
Ion Ratio Lower Upper

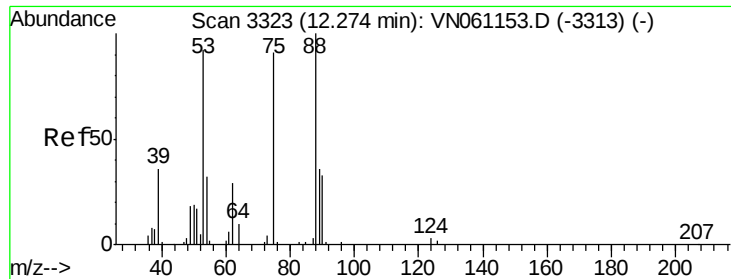
105 100

120 47.3 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN061183.D (-3458) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.019 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061183.D

Acq: 29 Apr 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

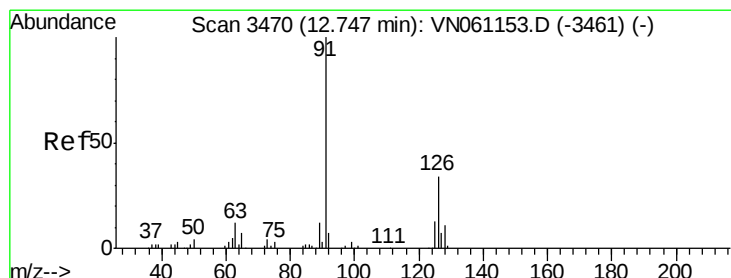
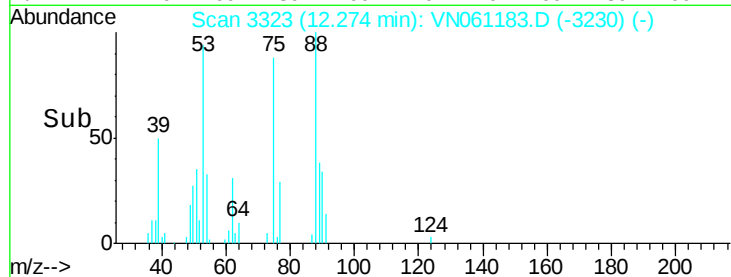
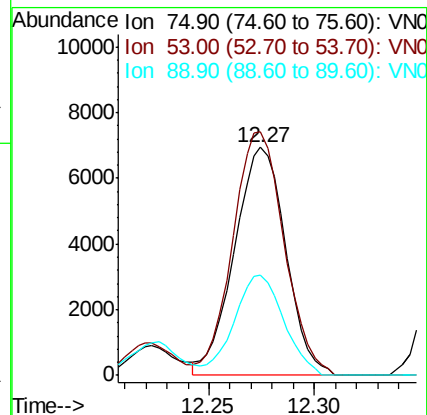
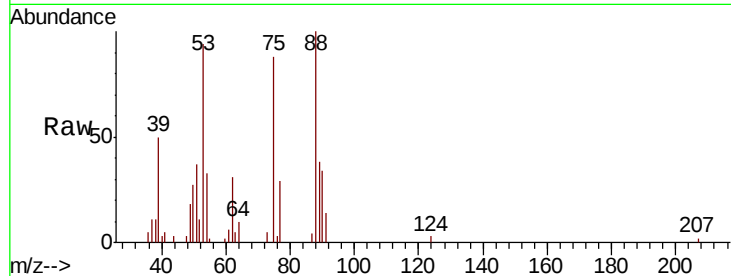
Tot Ion: 75 Resp: 11775

Ion Ratio Lower Upper

75 100

53 107.0 84.1 126.1

89 42.3 35.2 52.8



#82

4-Chlorotoluene

Concen: 19.105 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061183.D

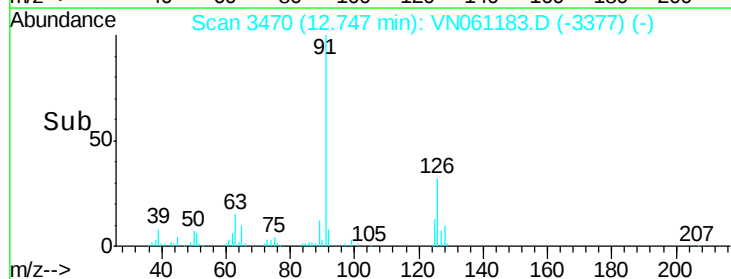
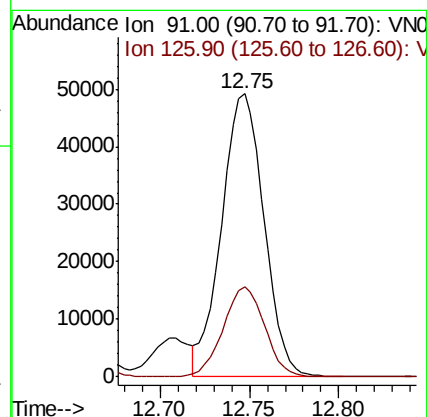
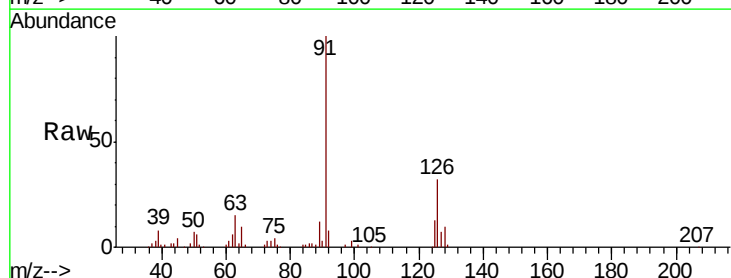
Acq: 29 Apr 2020 11:18

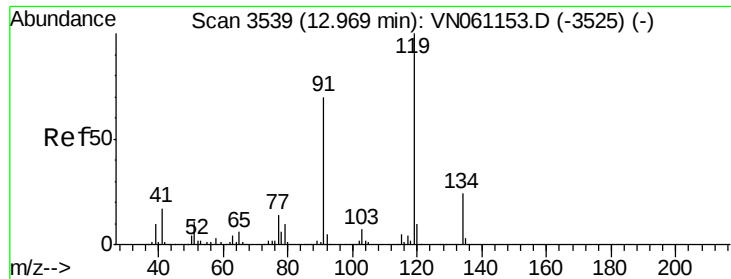
Tgt Ion: 91 Resp: 81235

Ion Ratio Lower Upper

91 100

126 30.9 15.7 47.1

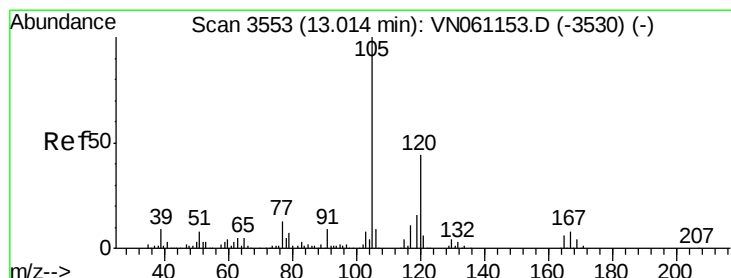
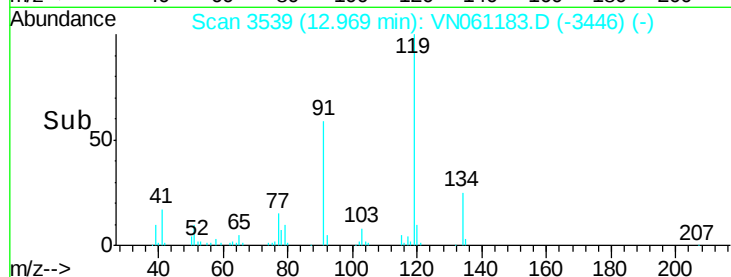
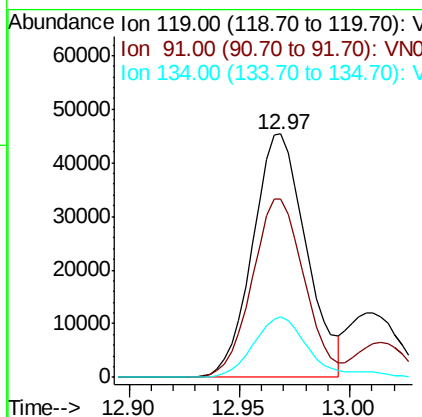
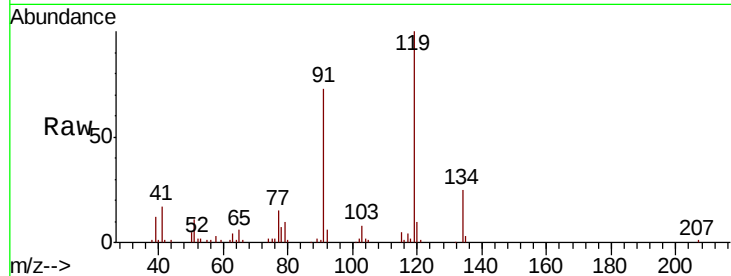




#83
tert-Butylbenzene
Concen: 18.938 ug/l
RT: 12.97 min Scan# 3539
Delta R.T. 0.00 min
Lab File: VN061183.D
Acq: 29 Apr 2020 11:18

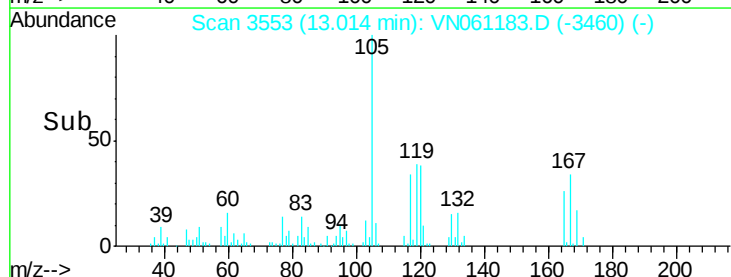
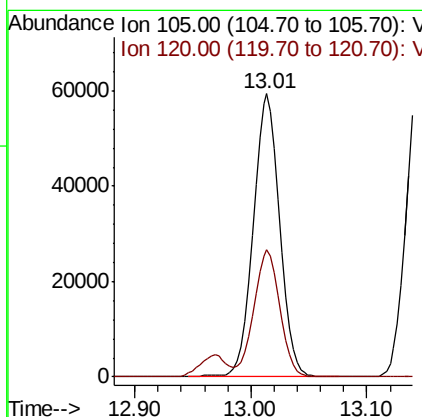
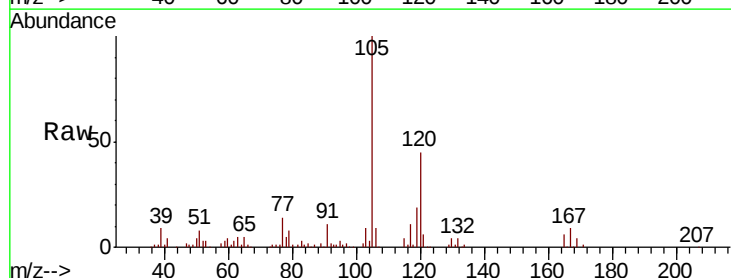
Instrument :
MSVOA_N
ClientSampled :

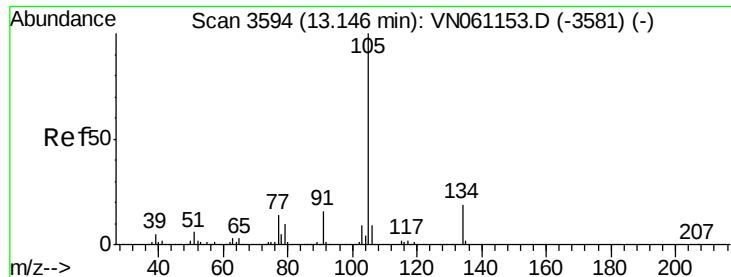
Tot Ion:119 Resp: 76481
Ion Ratio Lower Upper
119 100
91 71.1 34.8 104.4
134 26.0 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 19.147 ug/l
RT: 13.01 min Scan# 3553
Delta R.T. 0.00 min
Lab File: VN061183.D
Acq: 29 Apr 2020 11:18

Tgt Ion:105 Resp: 94480
Ion Ratio Lower Upper
105 100
120 44.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.448 ug/l

RT: 13.15 min Scan# 3594

Delta R.T. 0.00 min

Lab File: VN061183.D

Acq: 29 Apr 2020 11:18

Instrument :

MSVOA_N

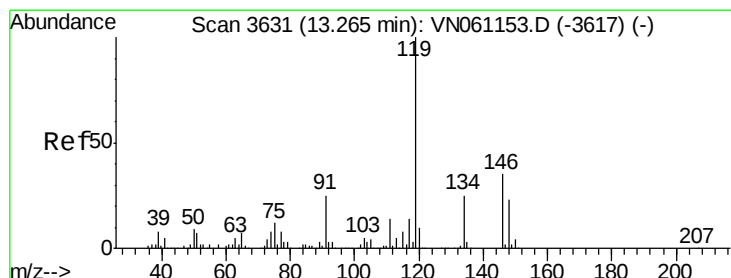
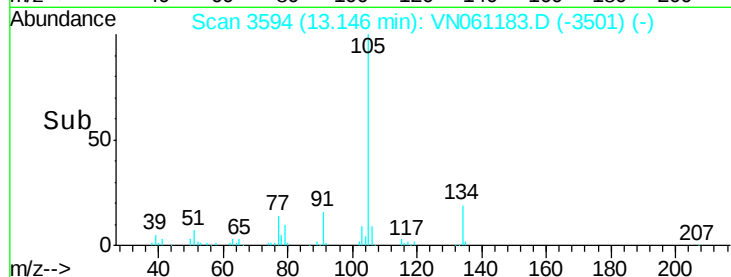
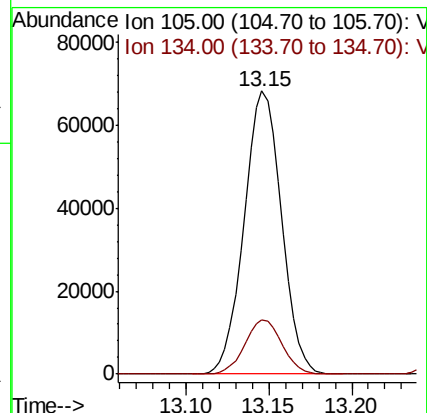
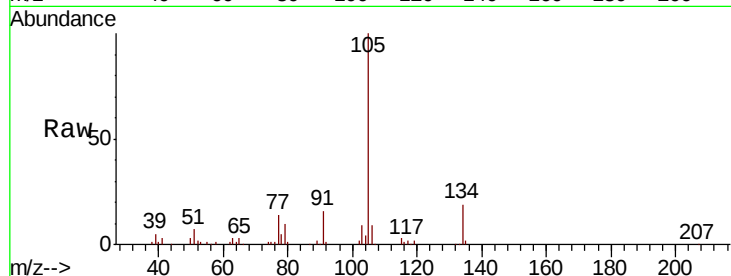
ClientSampleId :

Tot Ion:105 Resp: 107079

Ion Ratio Lower Upper

105 100

134 19.0 9.6 28.8



#86

p-Isopropyltoluene

Concen: 19.244 ug/l

RT: 13.26 min Scan# 3630

Delta R.T. -0.00 min

Lab File: VN061183.D

Acq: 29 Apr 2020 11:18

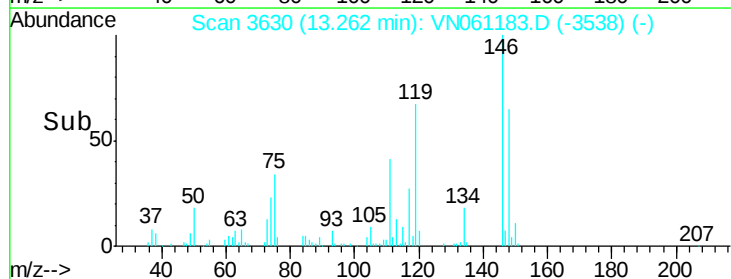
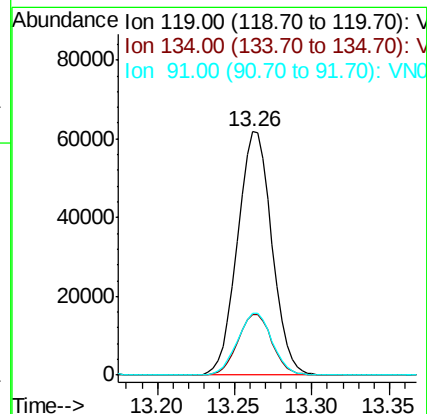
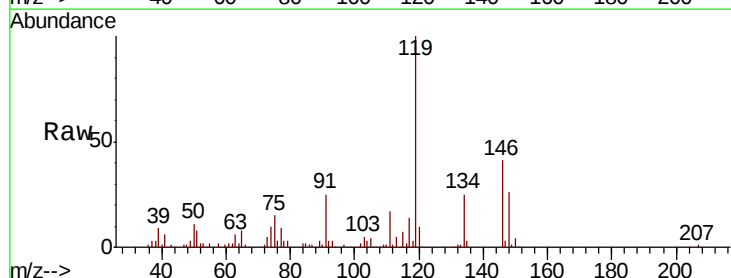
Tgt Ion:119 Resp: 95468

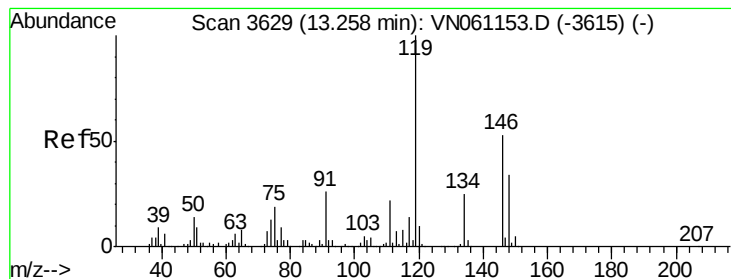
Ion Ratio Lower Upper

119 100

134 24.8 12.6 37.6

91 25.7 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 18.739 ug/l

RT: 13.26 min Scan# 3628

Delta R.T. -0.00 min

Lab File: VN061183.D

Acq: 29 Apr 2020 11:18

Instrument :

MSVOA_N

ClientSampled :

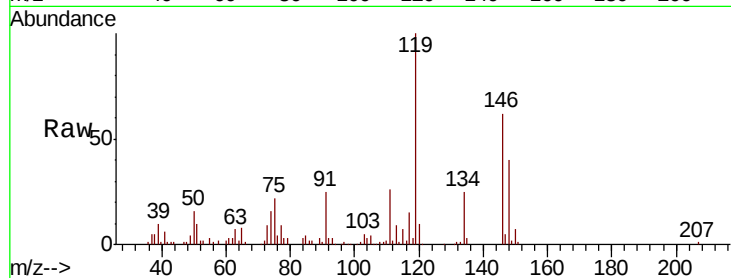
Tot Ion:146 Resp: 46083

Ion Ratio Lower Upper

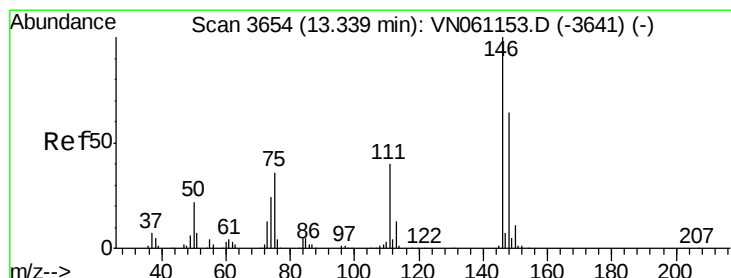
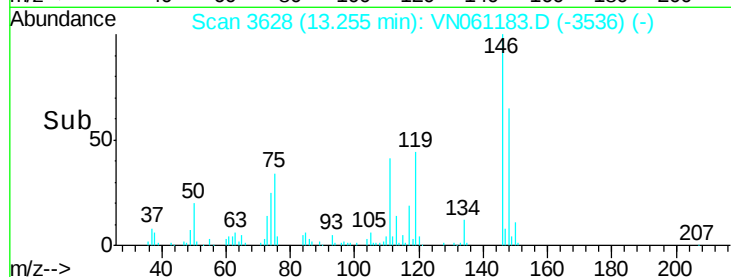
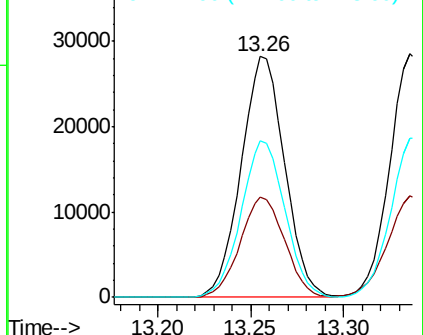
146 100

111 42.4 20.7 62.1

148 65.1 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: 18.461 ug/l

RT: 13.34 min Scan# 3653

Delta R.T. -0.00 min

Lab File: VN061183.D

Acq: 29 Apr 2020 11:18

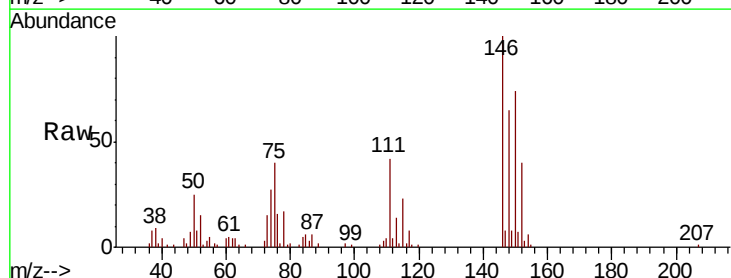
Tgt Ion:146 Resp: 46385

Ion Ratio Lower Upper

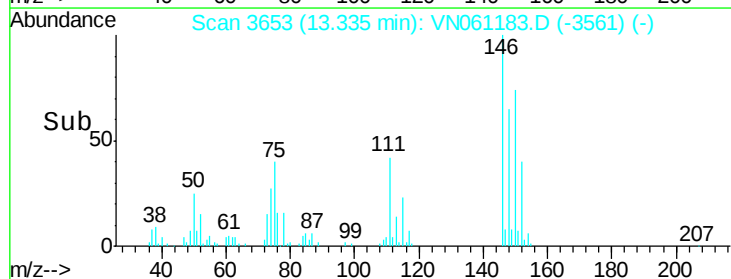
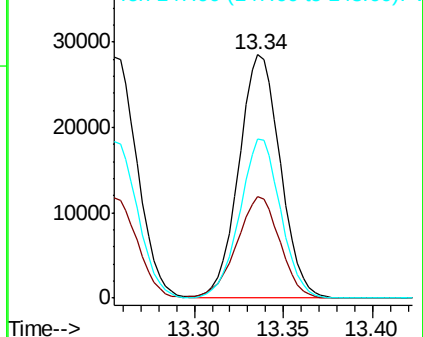
146 100

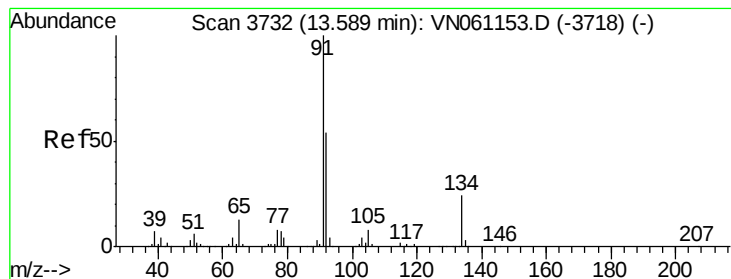
111 43.4 20.4 61.3

148 64.5 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: 19.204 ug/l

RT: 13.59 min Scan# 3732

Delta R.T. 0.00 min

Lab File: VN061183.D

Acq: 29 Apr 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

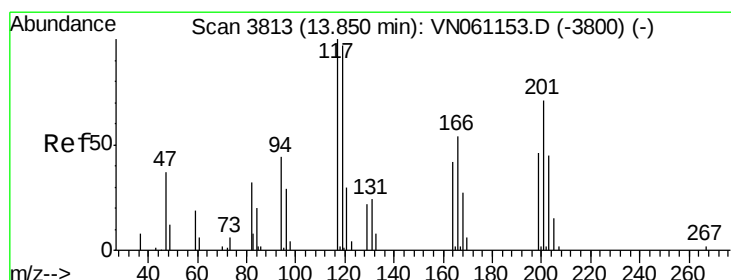
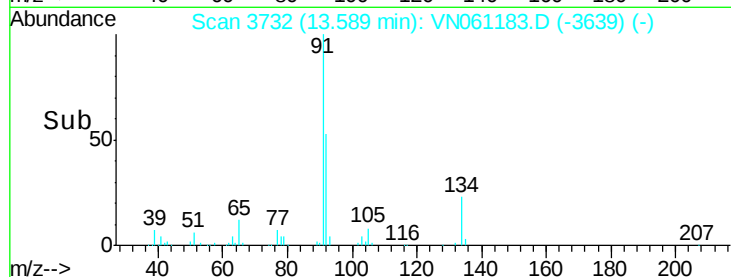
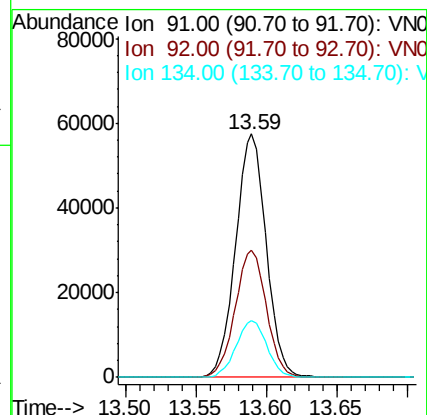
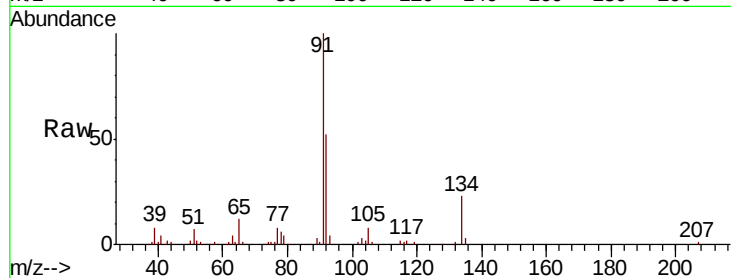
Tot Ion: 91 Resp: 87334

Ion Ratio Lower Upper

91 100

92 52.9 26.8 80.3

134 23.5 11.9 35.5



#90

Hexachloroethane

Concen: 21.947 ug/l

RT: 13.85 min Scan# 3813

Delta R.T. 0.00 min

Lab File: VN061183.D

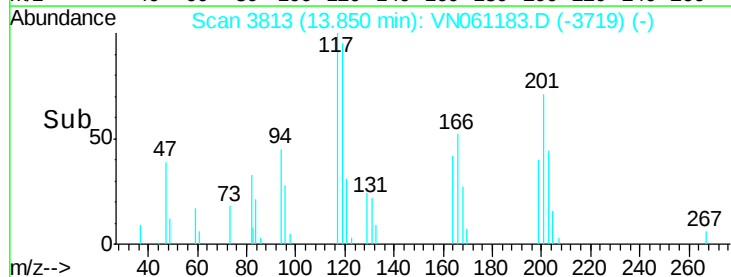
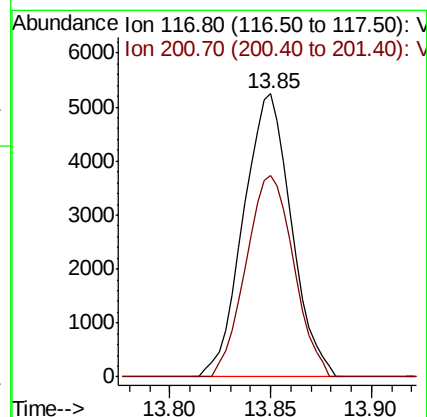
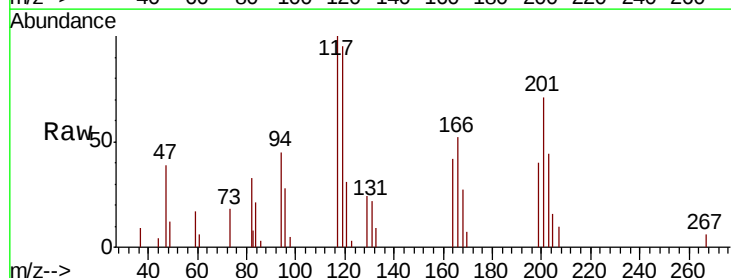
Acq: 29 Apr 2020 11:18

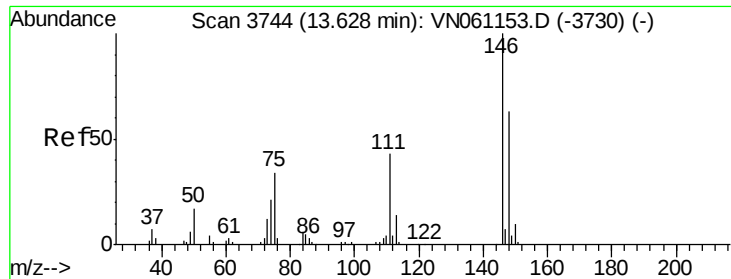
Tgt Ion: 117 Resp: 8744

Ion Ratio Lower Upper

117 100

201 70.8 35.5 106.7

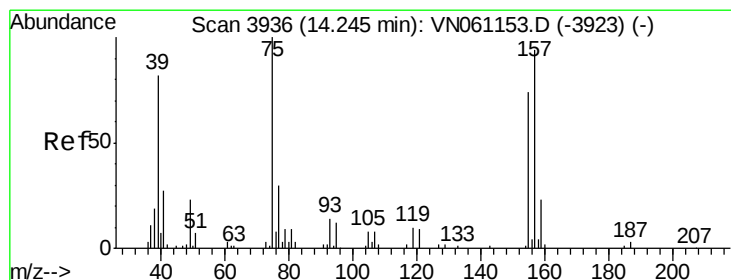
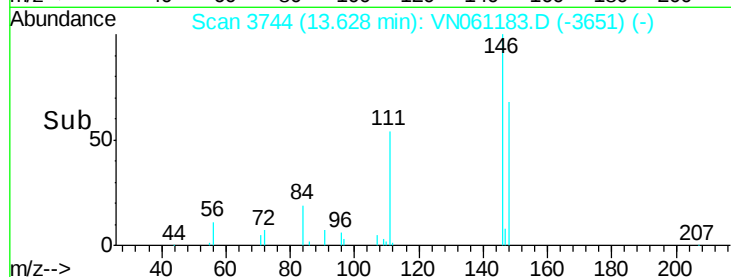
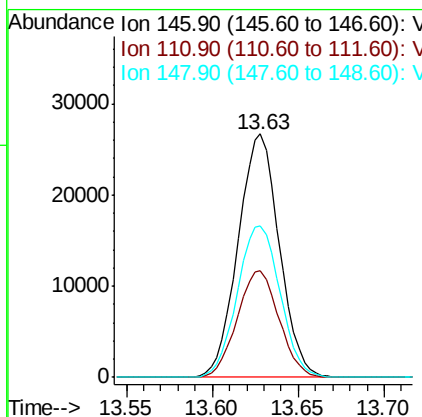
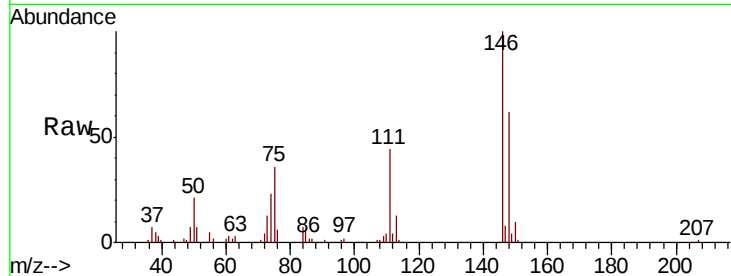




#91
 1,2-Dichlorobenzene
 Concen: 18.771 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061183.D
 Acq: 29 Apr 2020 11:18

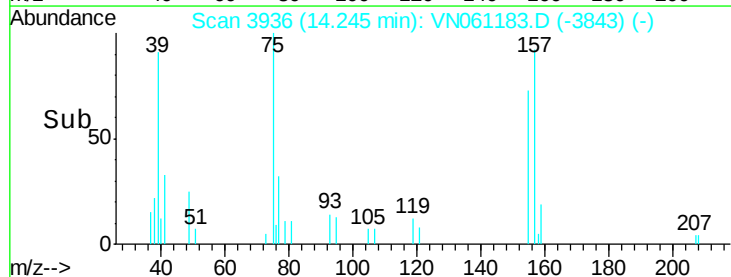
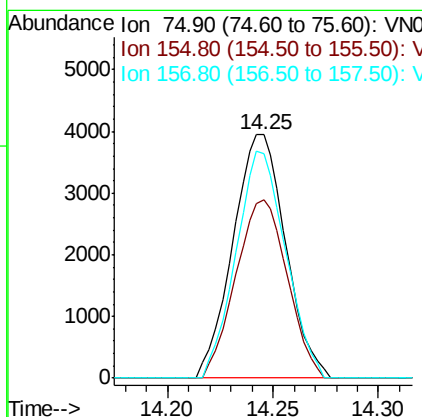
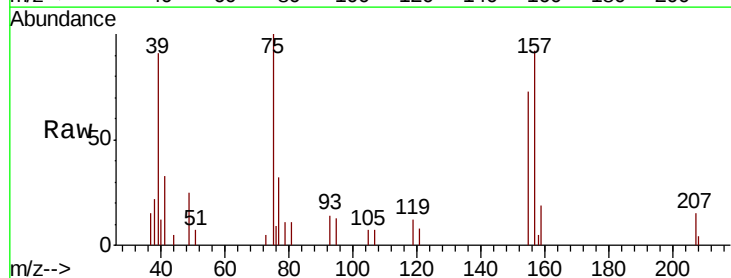
Instrument :
 MSVOA_N
 ClientSampleId :

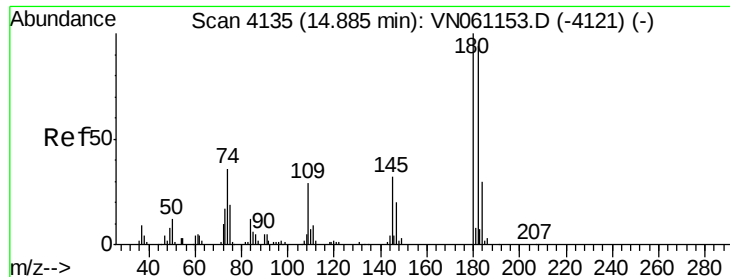
Tot Ion:146 Resp: 44261
 Ion Ratio Lower Upper
 146 100
 111 44.3 21.8 65.3
 148 64.5 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.959 ug/l
 RT: 14.25 min Scan# 3936
 Delta R.T. 0.00 min
 Lab File: VN061183.D
 Acq: 29 Apr 2020 11:18

Tgt Ion: 75 Resp: 6844
 Ion Ratio Lower Upper
 75 100
 155 71.5 36.5 109.7
 157 87.6 46.6 139.7

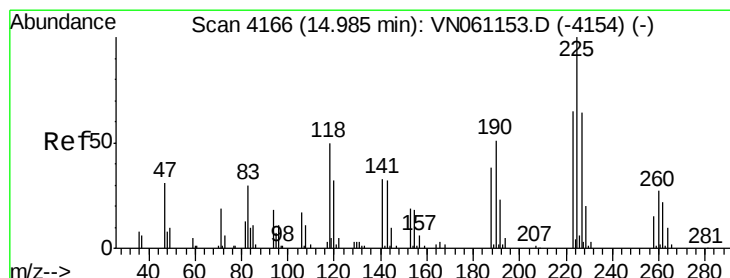
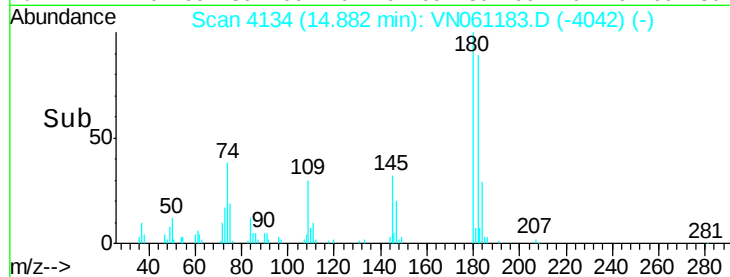
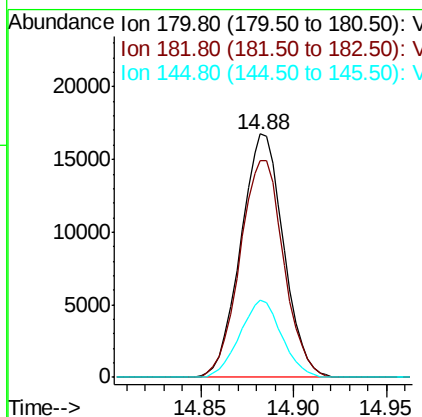
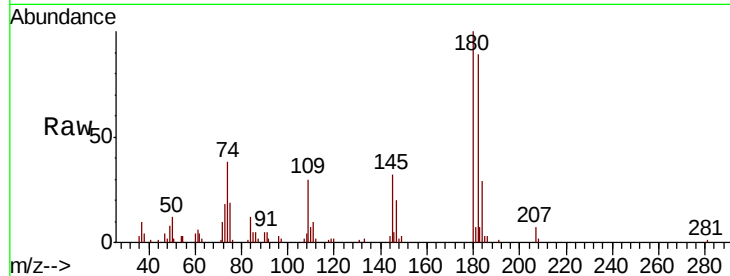




#93
 1,2,4-Trichlorobenzene
 Concen: 18.741 ug/l
 RT: 14.88 min Scan# 4134
 Delta R.T. -0.00 min
 Lab File: VN061183.D
 Acq: 29 Apr 2020 11:18

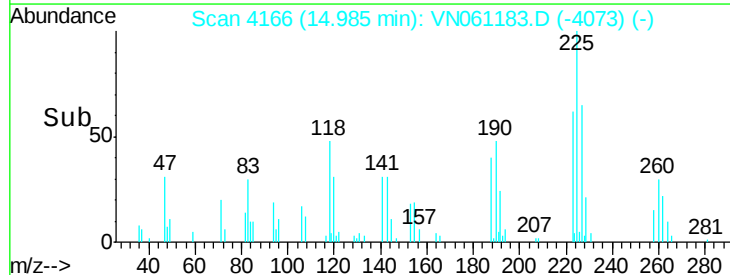
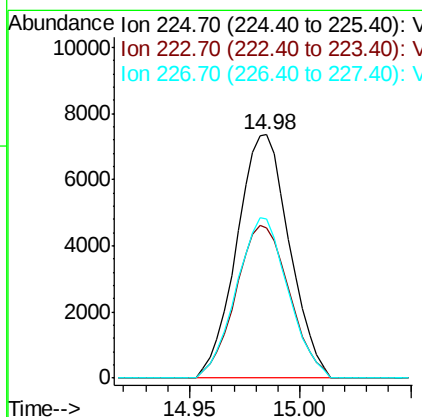
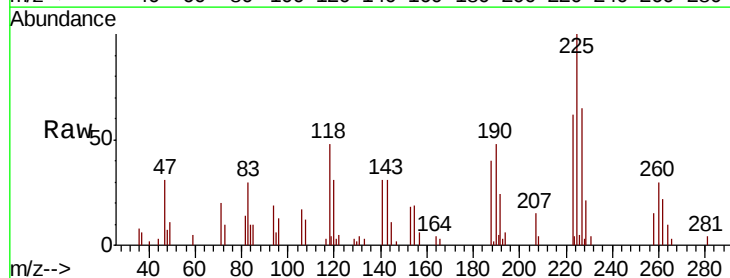
Instrument :
 MSVOA_N
 ClientSampleId :

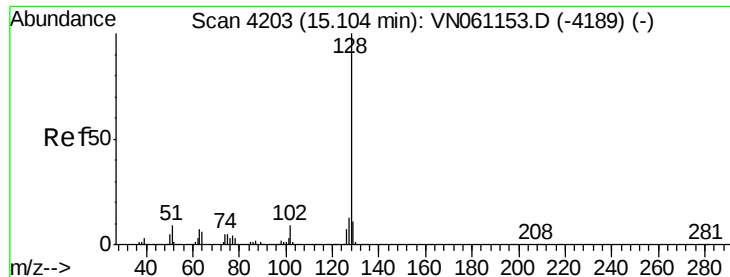
Tot Ion:180 Resp: 26909
 Ion Ratio Lower Upper
 180 100
 182 91.1 47.3 141.9
 145 30.8 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 20.285 ug/l
 RT: 14.98 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061183.D
 Acq: 29 Apr 2020 11:18

Tgt Ion:225 Resp: 12168
 Ion Ratio Lower Upper
 225 100
 223 63.7 32.4 97.0
 227 64.7 32.4 97.0

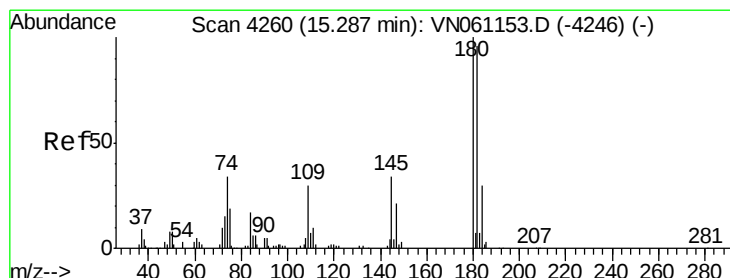
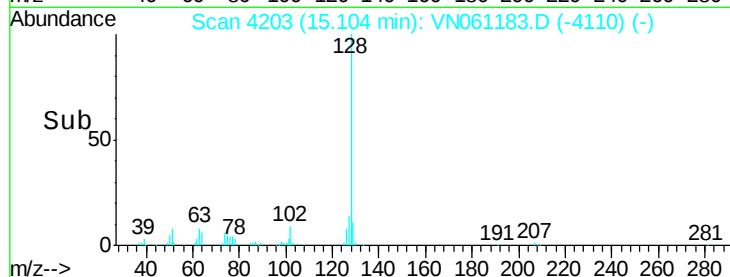
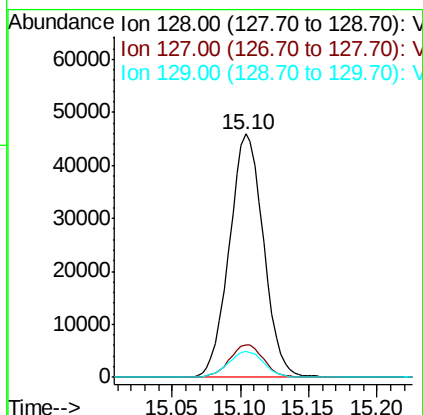
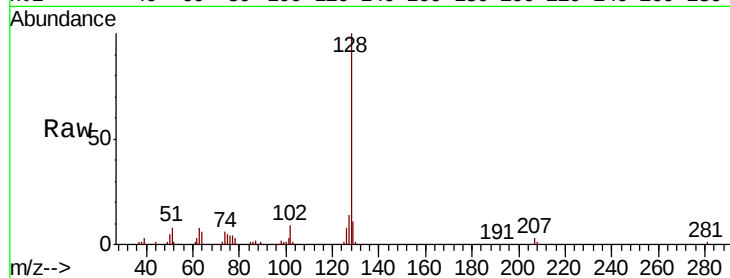




#95
Naphthalene
Concen: 17.094 ug/l
RT: 15.10 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN061183.D
Acq: 29 Apr 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 79933
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.295 ug/l
RT: 15.28 min Scan# 4259
Delta R.T. -0.00 min
Lab File: VN061183.D
Acq: 29 Apr 2020 11:18

Tgt Ion:180 Resp: 25935
Ion Ratio Lower Upper
180 100
182 94.8 47.5 142.5
145 33.5 16.9 50.7

