

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122019\
 Data File : VN059680.D
 Acq On : 20 Dec 2019 14:52
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 16:33:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N122019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 20 16:30:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	242559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	397888	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	441832	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	217881	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	340195	97.81	ug/l	0.00
Spiked Amount						
			Recovery	=	195.62%	
35) Dibromofluoromethane	7.56	113	207603	84.91	ug/l	0.00
Spiked Amount						
			Recovery	=	169.82%	
50) Toluene-d8	10.08	98	1051869	108.46	ug/l	0.00
Spiked Amount						
			Recovery	=	216.92%	
62) 4-Bromofluorobenzene	12.40	95	384201	112.94	ug/l	0.00
Spiked Amount						
			Recovery	=	225.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	286443	90.978	ug/l	99
3) Chloromethane	2.04	50	368257	78.945	ug/l	100
4) Vinyl Chloride	2.17	62	336764	74.013	ug/l	100
5) Bromomethane	2.52	94	176564	66.984	ug/l	99
6) Chloroethane	2.67	64	175548	68.047	ug/l	98
7) Trichlorofluoromethane	2.99	101	250295	52.126	ug/l	99
8) Diethyl Ether	3.38	74	118480	74.203	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	156878	61.718	ug/l	99
10) Methyl Iodide	3.92	142	219948	66.391	ug/l	99
11) Tert butyl alcohol	4.75	59	237137	380.607	ug/l	100
12) 1,1-Dichloroethene	3.71	96	151036	61.036	ug/l	99
13) Acrolein	3.58	56	126828	317.196	ug/l	98
14) Allyl chloride	4.29	41	442233	86.682	ug/l	90
15) Acrylonitrile	4.94	53	602626	395.391	ug/l	99
16) Acetone	3.79	43	555310	278.728	ug/l	100
17) Carbon Disulfide	4.02	76	516859	60.471	ug/l	100
18) Methyl Acetate	4.29	43	425180	97.284	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	625384	71.289	ug/l	98
20) Methylene Chloride	4.52	84	259817	87.291	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	185701	67.239	ug/l	98
22) Diisopropyl ether	5.92	45	793541	84.391	ug/l	95
23) Vinyl Acetate	5.86	43	2803242	383.106	ug/l	100
24) 1,1-Dichloroethane	5.82	63	361792	68.001	ug/l	99
25) 2-Butanone	6.80	43	783199	322.621	ug/l	98
26) 2,2-Dichloropropane	6.79	77	312183	64.360	ug/l	98
27) cis-1,2-Dichloroethene	6.80	96	202789	66.091	ug/l	99
28) Bromochloromethane	7.17	49	249247	140.741	ug/l	98
29) Tetrahydrofuran	7.18	42	519298	343.839	ug/l	99
30) Chloroform	7.35	83	355219	65.468	ug/l	99
31) Cyclohexane	7.63	56	353784	69.048	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	311773	65.216	ug/l	100
36) 1,1-Dichloropropene	7.77	75	340649	82.761	ug/l	99
37) Ethyl Acetate	6.90	43	312777	65.239	ug/l	99
38) Carbon Tetrachloride	7.75	117	325914	76.155	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122019\
 Data File : VN059680.D
 Acq On : 20 Dec 2019 14:52
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 16:33:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N122019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 20 16:30:00 2019
 Response via : Initial Calibration

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

39) Methylcyclohexane	9.07	83	396549	82.093	ug/l	99
40) Benzene	8.02	78	991665	82.388	ug/l	100
41) Methacrylonitrile	7.18	41	471260	240.855	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	332316	70.987	ug/l	99
43) Isopropyl Acetate	8.14	43	615574	81.283	ug/l	99
44) Trichloroethene	8.82	130	217302	69.401	ug/l	98
45) 1,2-Dichloropropane	9.10	63	273329	81.082	ug/l	99
46) Dibromomethane	9.19	93	168755	78.350	ug/l	97
47) Bromodichloromethane	9.39	83	343297	79.796	ug/l	97
48) Methyl methacrylate	9.18	41	280166	81.989	ug/l	96
49) 1,4-Dioxane	9.18	88	75985	1594.819	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	1860458	413.981	ug/l	98
52) Toluene	10.14	92	575706	75.712	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	413089	82.867	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	433586	83.557	ug/l	95
55) 1,1,2-Trichloroethane	10.55	97	244062	82.809	ug/l	98
56) Ethyl methacrylate	10.42	69	399411	92.096	ug/l	95
57) 1,3-Dichloropropane	10.70	76	428022	81.920	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	473042	332.496	ug/l	100
59) 2-Hexanone	10.74	43	1441036	406.392	ug/l	98
60) Dibromochloromethane	10.89	129	264034	81.825	ug/l	99
61) 1,2-Dibromoethane	11.00	107	257303	81.237	ug/l	99
64) Tetrachloroethene	10.62	164	255094	63.158	ug/l	99
65) Chlorobenzene	11.43	112	636042	67.554	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	237174	64.666	ug/l	99
67) Ethyl Benzene	11.50	91	1181330	67.362	ug/l	99
68) m/p-Xylenes	11.62	106	885686	143.803	ug/l	97
69) o-Xylene	11.94	106	421449	73.093	ug/l	99
70) Styrene	11.96	104	704885	76.375	ug/l	97
71) Bromoform	12.12	173	191722	74.327	ug/l #	100
73) Isopropylbenzene	12.25	105	1119218	64.666	ug/l	100
74) N-amyl acetate	12.07	43	541293	68.559	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	340249	61.382	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	520597	93.629	ug/l #	100
77) Bromobenzene	12.52	156	266236	61.997	ug/l	97
78) n-propylbenzene	12.59	91	1341797	64.938	ug/l	99
79) 2-Chlorotoluene	12.67	91	792921	63.532	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	959140	64.487	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	147283	66.153	ug/l	93
82) 4-Chlorotoluene	12.77	91	825824	64.113	ug/l	99
83) tert-Butylbenzene	12.99	119	800716	64.594	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	963540	64.975	ug/l	98
85) sec-Butylbenzene	13.17	105	1073694	64.009	ug/l	99
86) p-Isopropyltoluene	13.28	119	981507	66.475	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	476477	61.979	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	483913	62.635	ug/l	98
89) n-Butylbenzene	13.61	91	909807	65.861	ug/l	98
90) Hexachloroethane	13.87	117	176860	62.450	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	477011	63.251	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	80026	49.744	ug/l	86

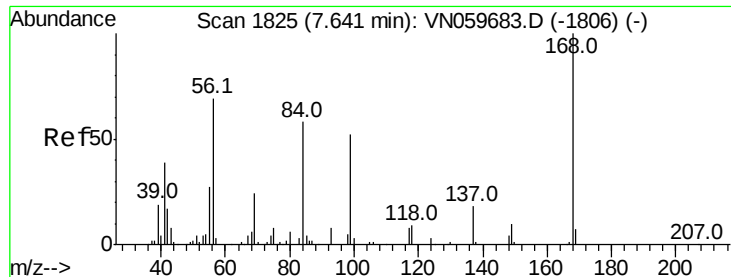
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122019\
Data File : VN059680.D
Acq On : 20 Dec 2019 14:52
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 20 16:33:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N122019W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 20 16:30:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	301172	61.831	ug/l	98
94) Hexachlorobutadiene	15.00	225	158560	60.450	ug/l	99
95) Naphthalene	15.12	128	852957	59.012	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	286617	57.522	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

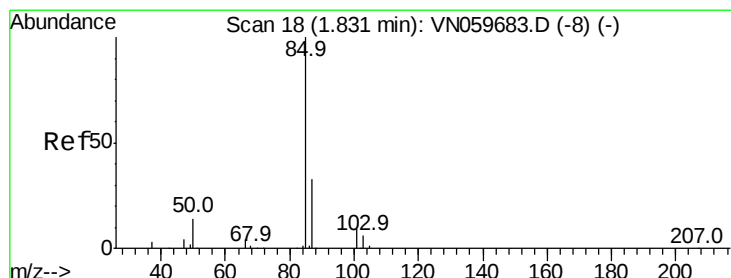
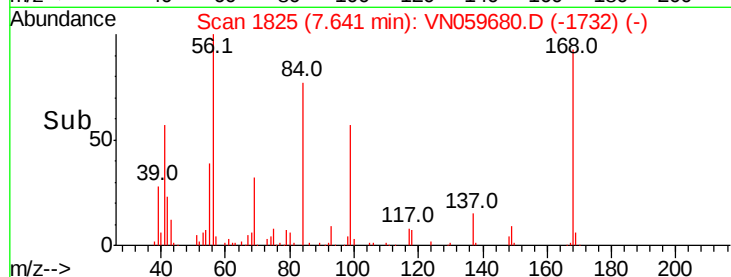
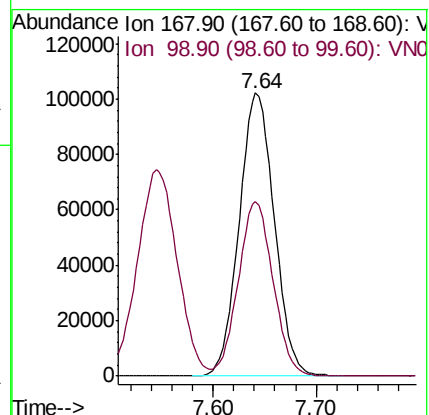
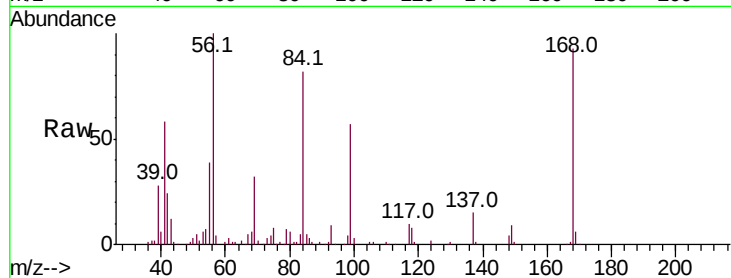
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 242559

Ion Ratio Lower Upper

168 100

99 61.5 47.5 71.3



#2

Dichlorodifluoromethane

Concen: 90.978 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN059680.D

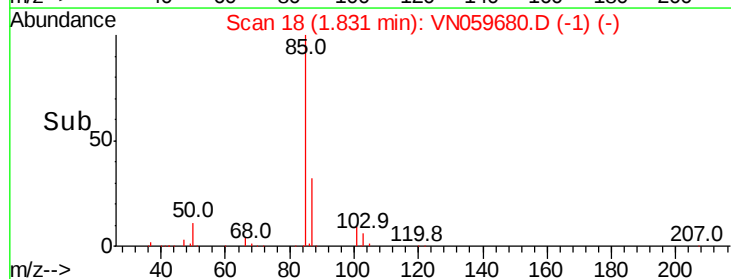
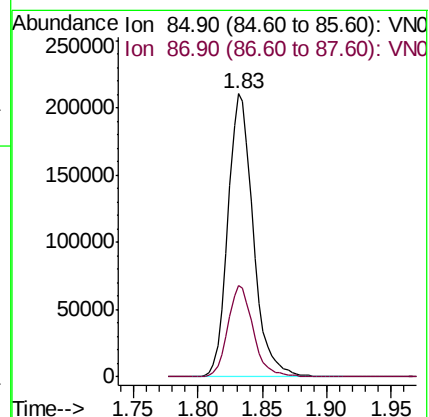
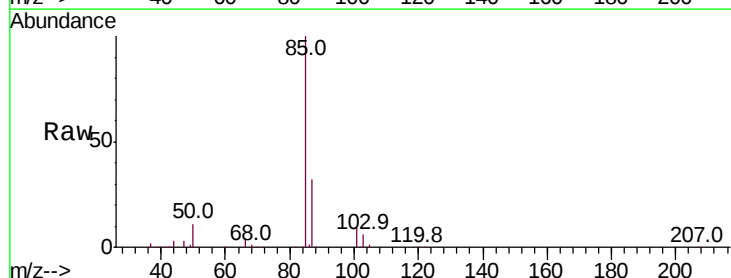
Acq: 20 Dec 2019 14:52

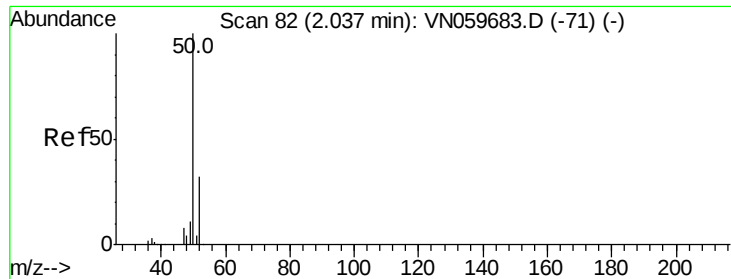
Tgt Ion: 85 Resp: 286443

Ion Ratio Lower Upper

85 100

87 32.4 16.4 49.1





#3

Chloromethane

Concen: 78.945 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

Instrument :

MSVOA_X

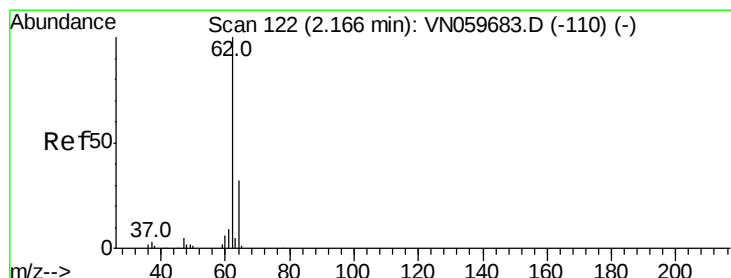
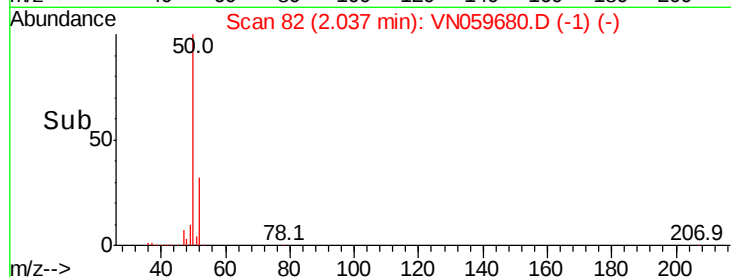
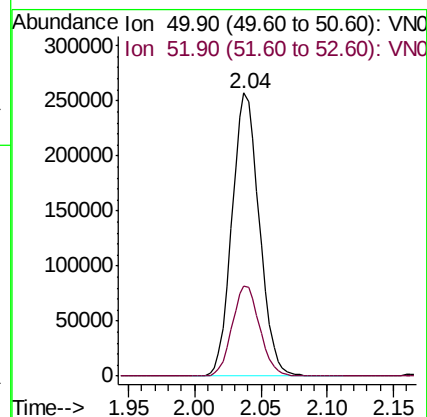
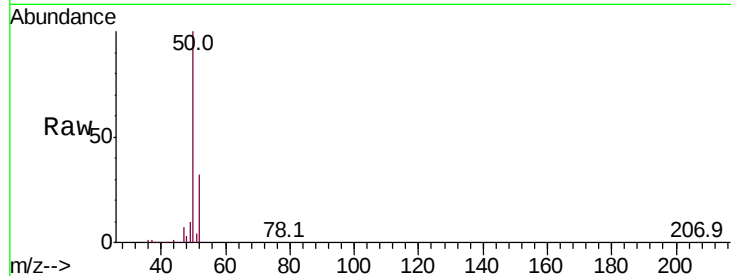
ClientSampleId :

Tot Ion: 50 Resp: 368257

Ion Ratio Lower Upper

50 100

52 31.9 25.5 38.3



#4

Vinyl Chloride

Concen: 74.013 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059680.D

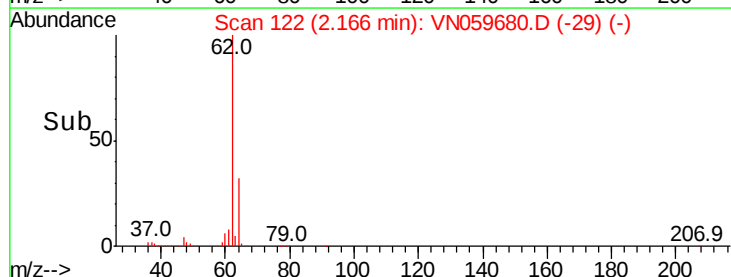
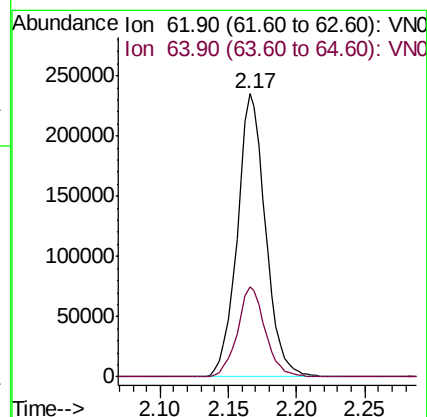
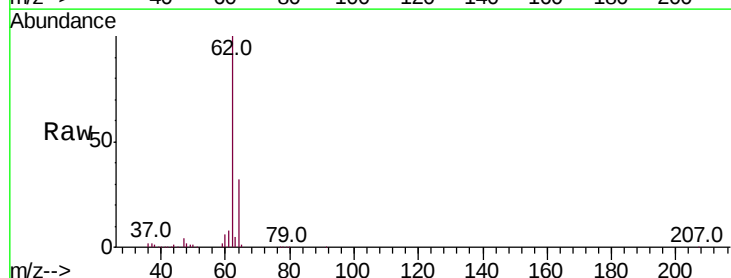
Acq: 20 Dec 2019 14:52

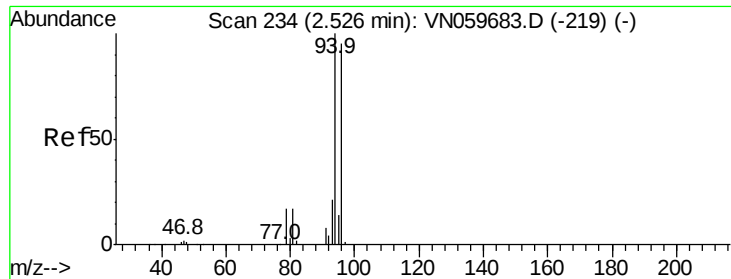
Tgt Ion: 62 Resp: 336764

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.0





#5

Bromomethane

Concen: 66.984 ug/l

RT: 2.52 min Scan# 233

Delta R.T. -0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

Instrument :

MSVOA_X

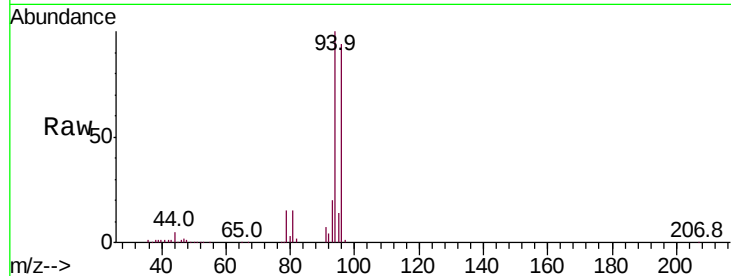
ClientSampleId :

Tot Ion: 94 Resp: 176564

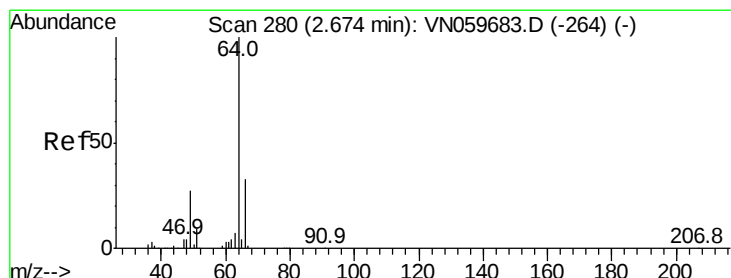
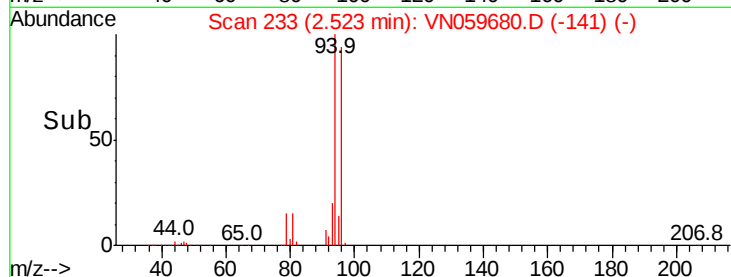
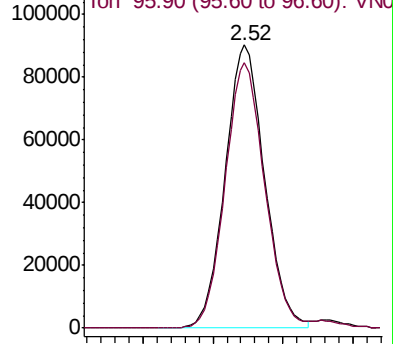
Ion Ratio Lower Upper

94 100

96 93.8 75.8 113.6



Abundance Ion 93.90 (93.60 to 94.60): VN059680.D (-141) (-)



#6

Chloroethane

Concen: 68.047 ug/l

RT: 2.67 min Scan# 279

Delta R.T. -0.00 min

Lab File: VN059680.D

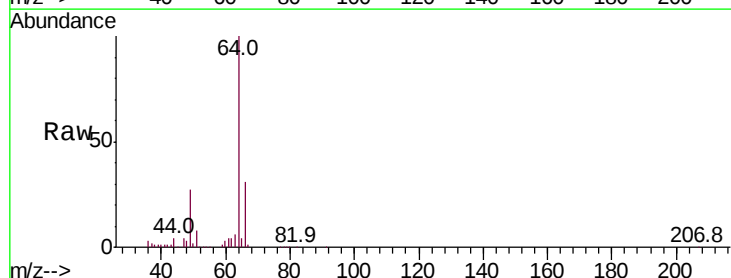
Acq: 20 Dec 2019 14:52

Tgt Ion: 64 Resp: 175548

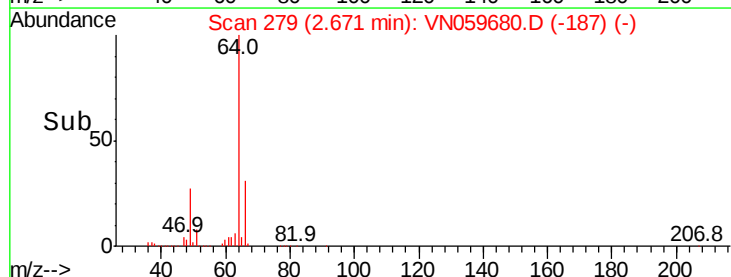
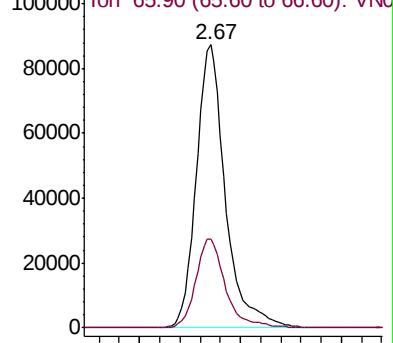
Ion Ratio Lower Upper

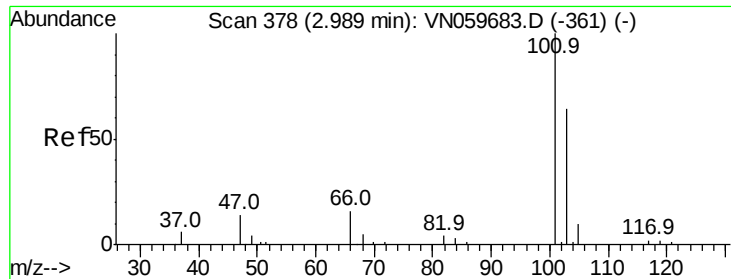
64 100

66 31.4 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN059680.D (-187) (-)



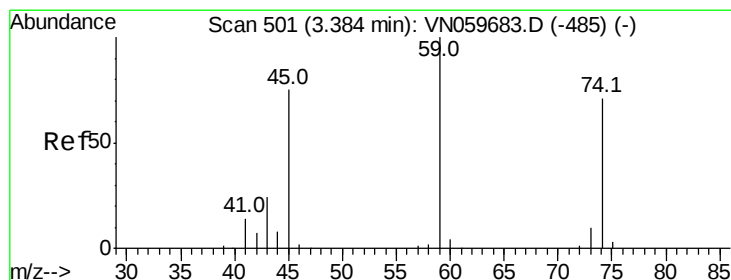
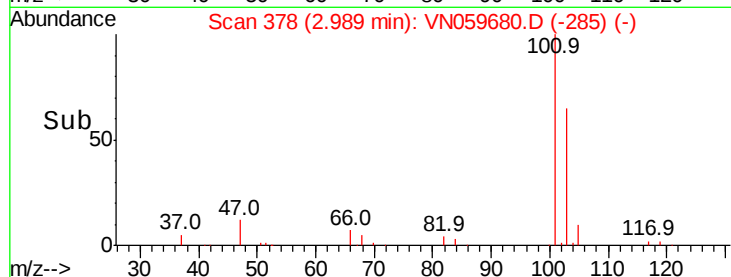
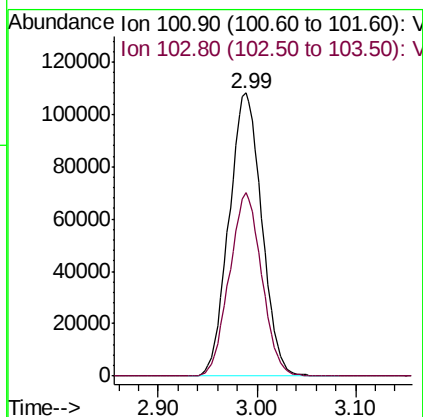
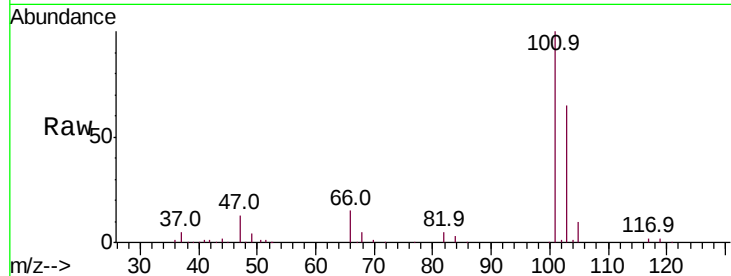


#7

Trichlorofluoromethane
Concen: 52.126 ug/l
RT: 2.99 min Scan# 378
Delta R.T. 0.00 min
Lab File: VN059680.D
Acq: 20 Dec 2019 14:52

Instrument :
MSVOA_X
ClientSampleId :

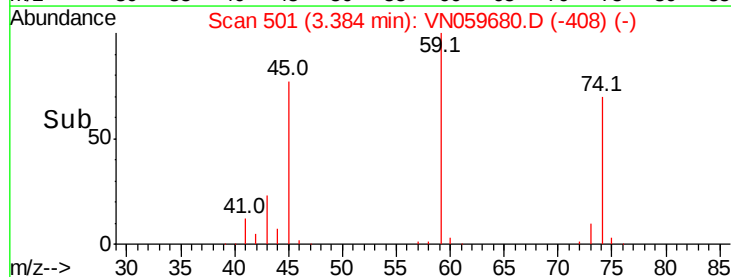
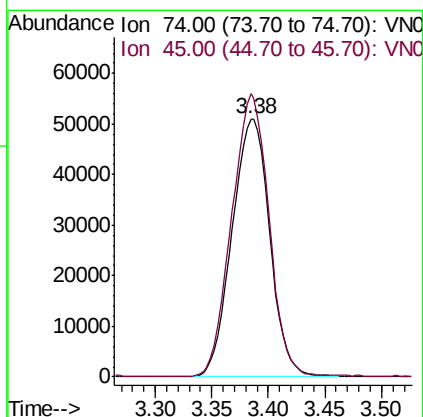
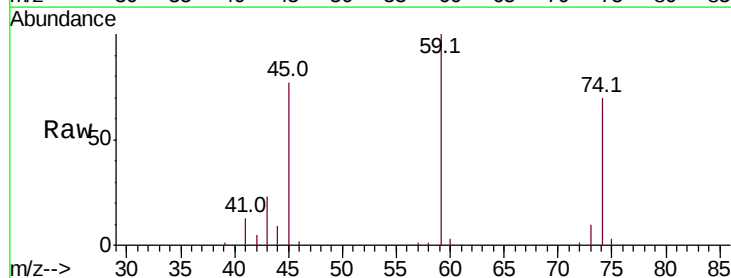
Tot Ion:101 Resp: 250295
Ion Ratio Lower Upper
101 100
103 64.6 51.2 76.8

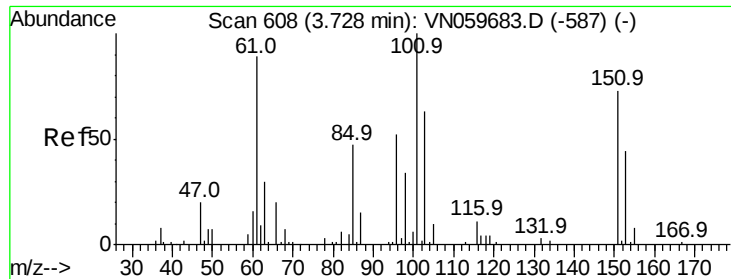


#8

Diethyl Ether
Concen: 74.203 ug/l
RT: 3.38 min Scan# 501
Delta R.T. 0.00 min
Lab File: VN059680.D
Acq: 20 Dec 2019 14:52

Tgt Ion: 74 Resp: 118480
Ion Ratio Lower Upper
74 100
45 108.5 54.4 163.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 61.718 ug/l

RT: 3.73 min Scan# 608

Delta R.T. 0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

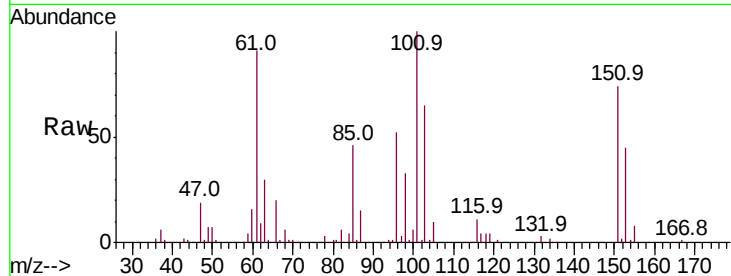
Tot Ion:101 Resp: 156878

Ion Ratio Lower Upper

101 100

85 46.4 36.5 54.7

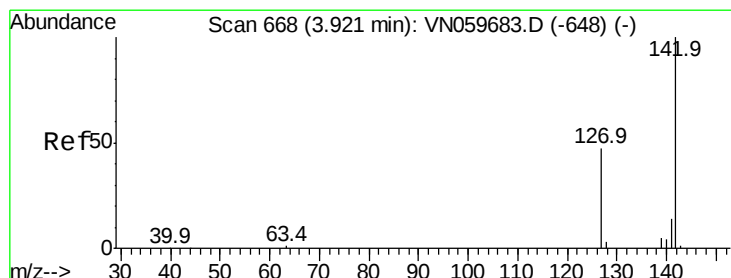
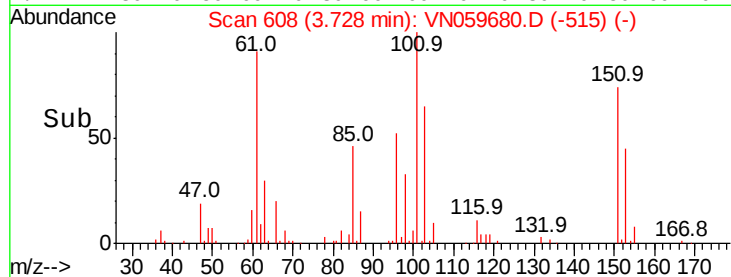
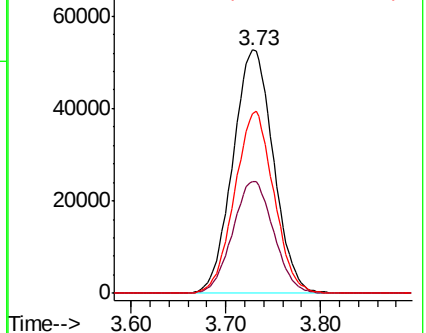
151 72.2 57.6 86.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 66.391 ug/l

RT: 3.92 min Scan# 668

Delta R.T. 0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

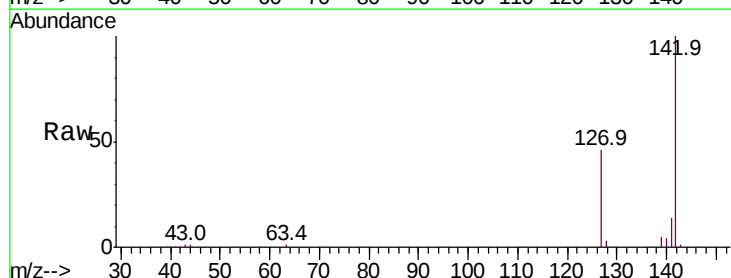
Tgt Ion:142 Resp: 219948

Ion Ratio Lower Upper

142 100

127 46.0 37.0 55.6

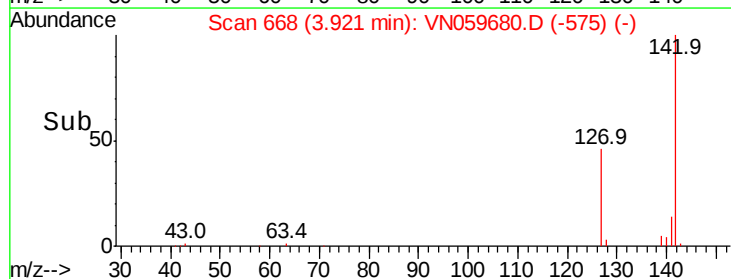
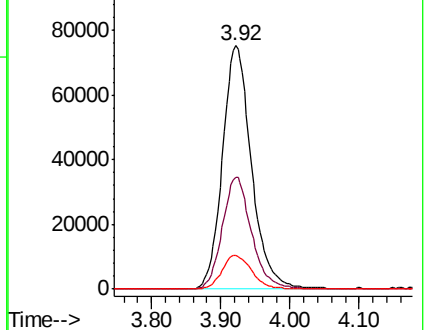
141 14.2 11.2 16.8

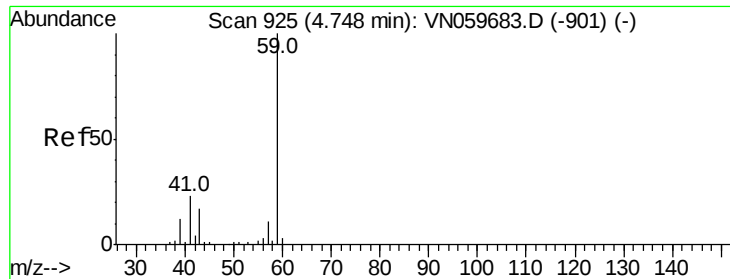


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

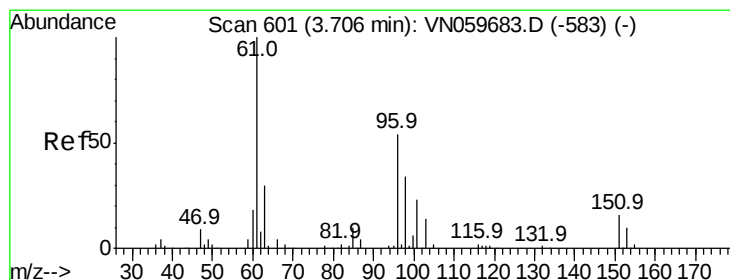
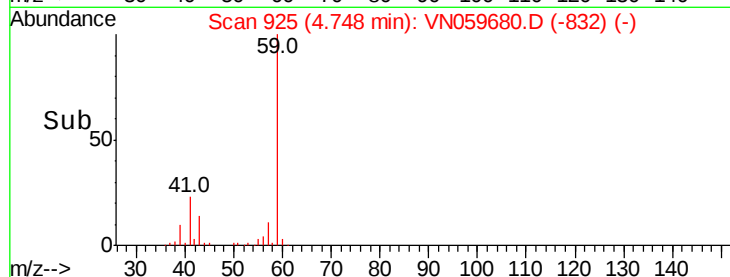
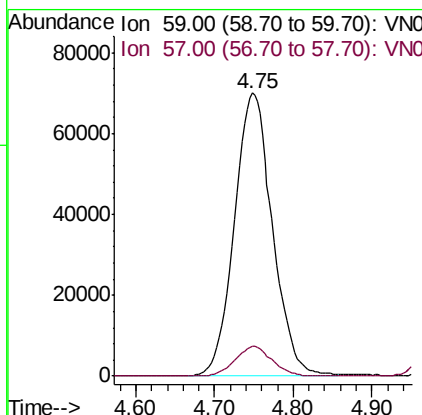
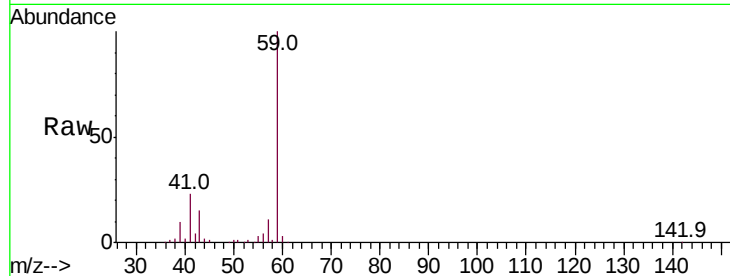




#11
Tert butyl alcohol
Concen: 380.607 ug/l
RT: 4.75 min Scan# 925
Delta R.T. 0.00 min
Lab File: VN059680.D
Acq: 20 Dec 2019 14:52

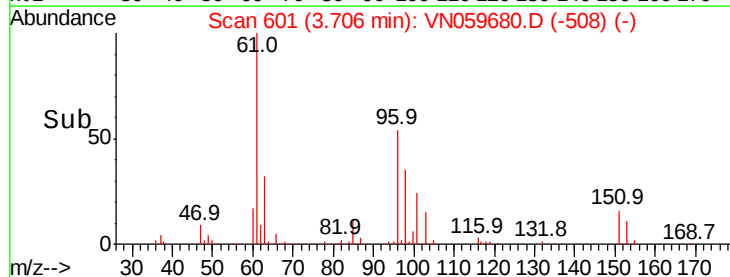
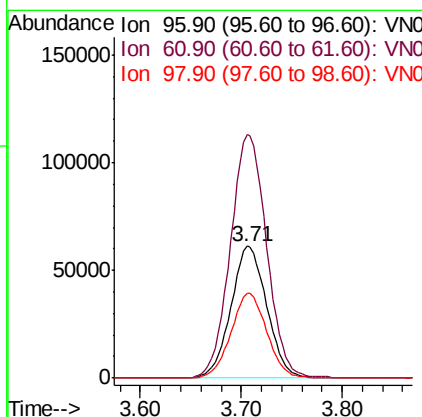
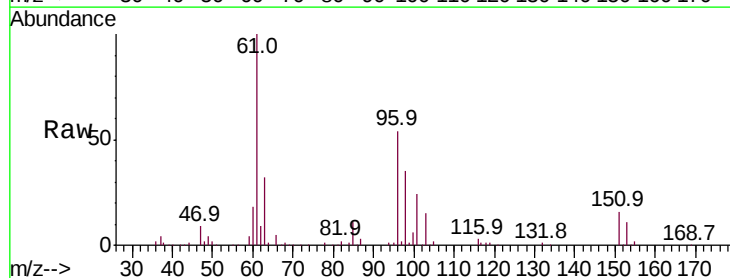
Instrument :
MSVOA_X
ClientSampleId :

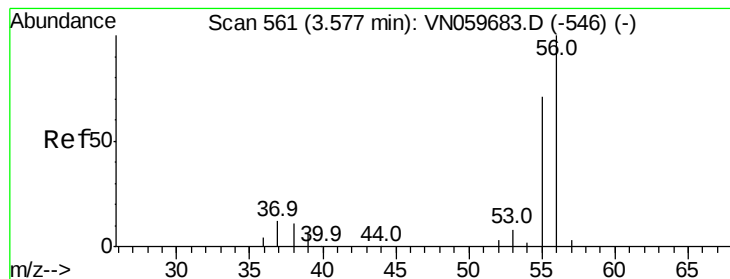
Tot Ion: 59 Resp: 237137
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5



#12
1,1-Dichloroethene
Concen: 61.036 ug/l
RT: 3.71 min Scan# 601
Delta R.T. 0.00 min
Lab File: VN059680.D
Acq: 20 Dec 2019 14:52

Tgt Ion: 96 Resp: 151036
Ion Ratio Lower Upper
96 100
61 184.9 147.3 220.9
98 64.4 49.8 74.8





#13

Acrolein

Concen: 317.196 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

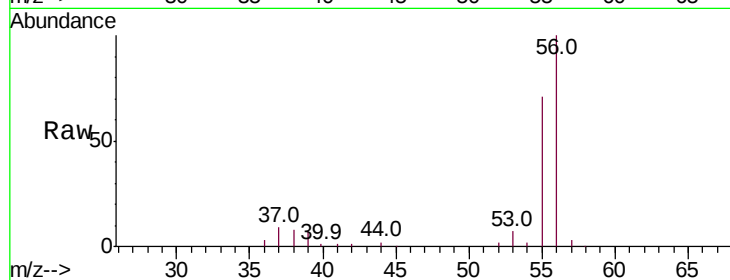
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 126828

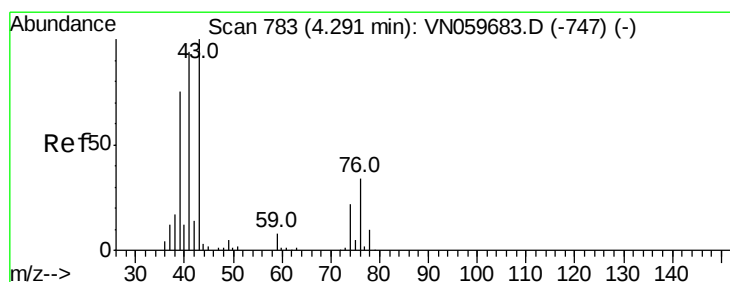
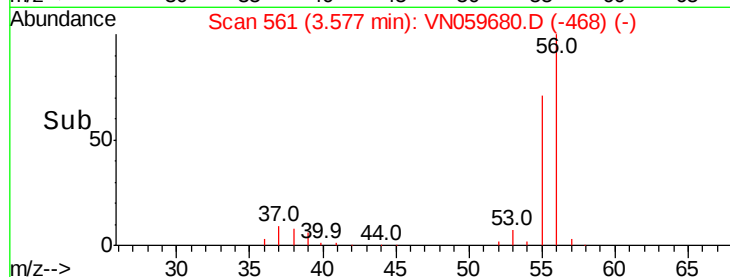
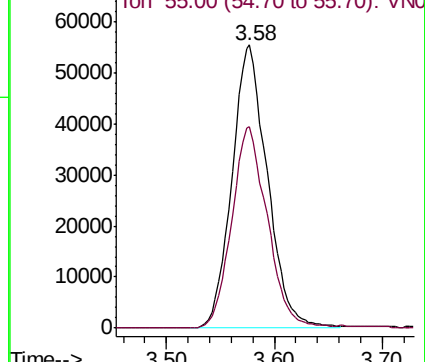
Ion Ratio Lower Upper

56 100

55 71.7 58.8 88.2



Abundance Ion 56.00 (55.70 to 56.70): VN059680.D (-546) (-)



#14

Allyl chloride

Concen: 86.682 ug/l

RT: 4.29 min Scan# 782

Delta R.T. -0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

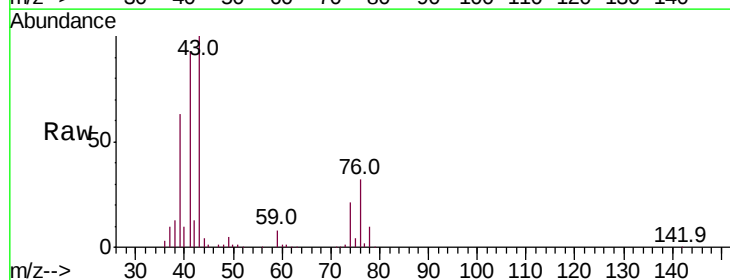
Tgt Ion: 41 Resp: 442233

Ion Ratio Lower Upper

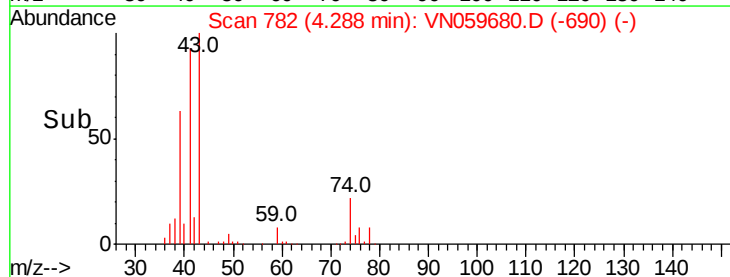
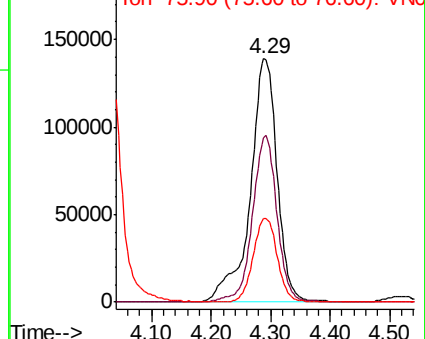
41 100

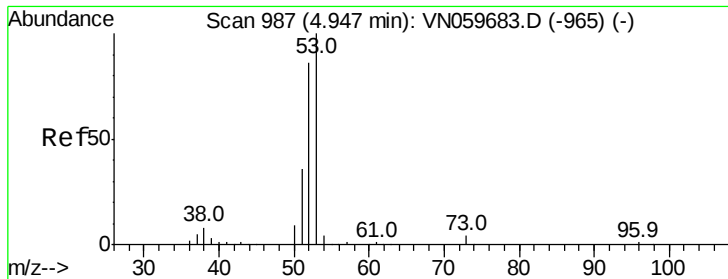
39 62.4 58.9 88.3

76 30.6 26.0 39.0



Abundance Ion 41.00 (40.70 to 41.70): VN059680.D (-690) (-)





#15

Acrylonitrile

Concen: 395.391 ug/l

RT: 4.94 min Scan# 984

Delta R.T. -0.01 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

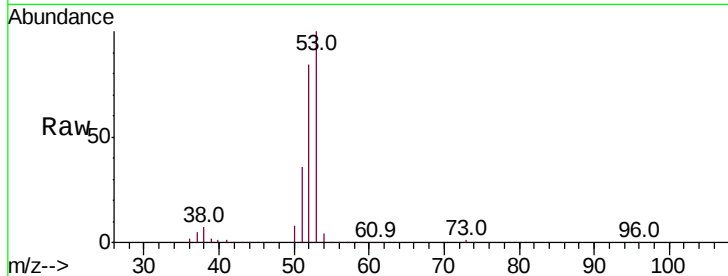
Tot Ion: 53 Resp: 602626

Ion Ratio Lower Upper

53 100

52 82.5 67.1 100.7

51 36.6 29.8 44.6



Abundance Ion 53.00 (52.70 to 53.70): VN059683.D (-965) (-)

Ion 52.00 (51.70 to 52.70): VN059683.D (-965) (-)

Ion 51.00 (50.70 to 51.70): VN059683.D (-965) (-)

4.94

200000

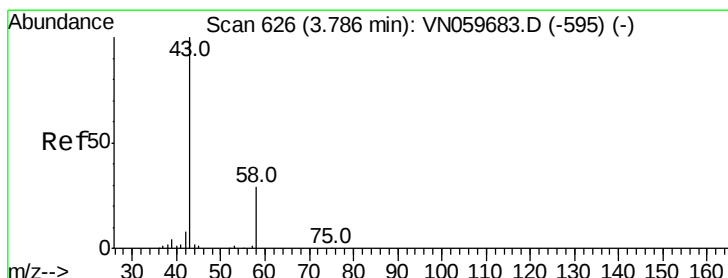
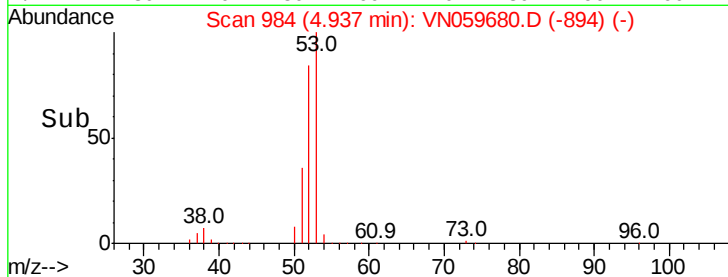
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 278.728 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.00 min

Lab File: VN059680.D

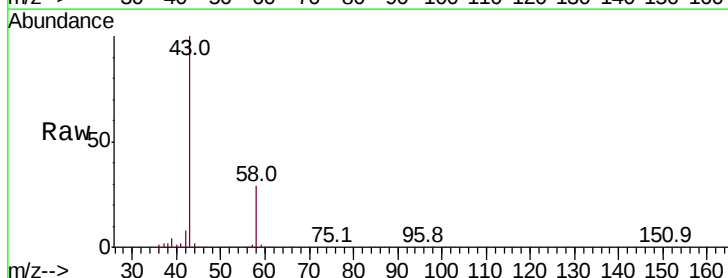
Acq: 20 Dec 2019 14:52

Tgt Ion: 43 Resp: 555310

Ion Ratio Lower Upper

43 100

58 28.8 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VN059683.D (-595) (-)

Ion 58.00 (57.70 to 58.70): VN059683.D (-595) (-)

250000

200000

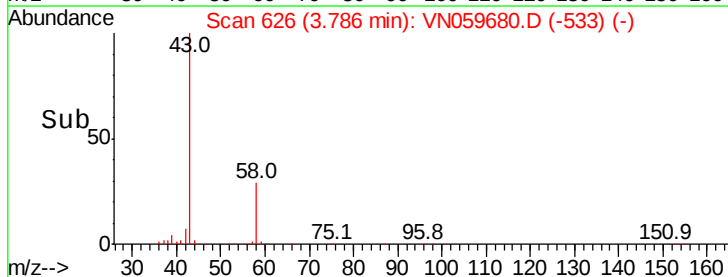
150000

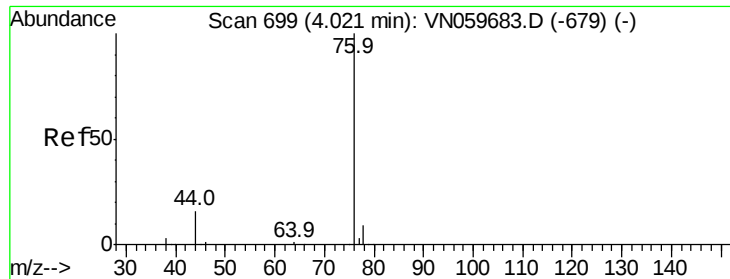
100000

50000

0

Time-->

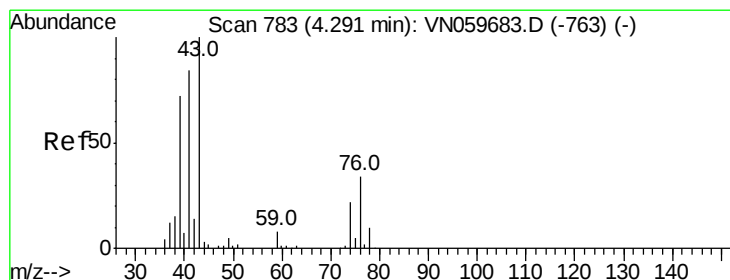
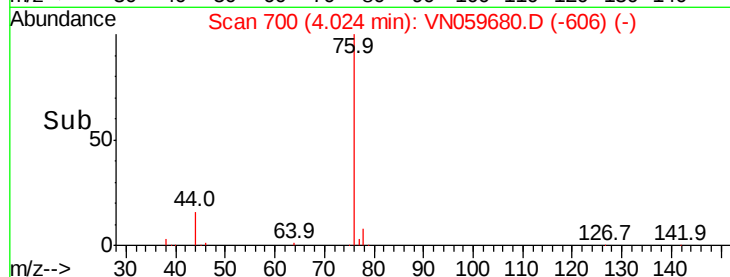
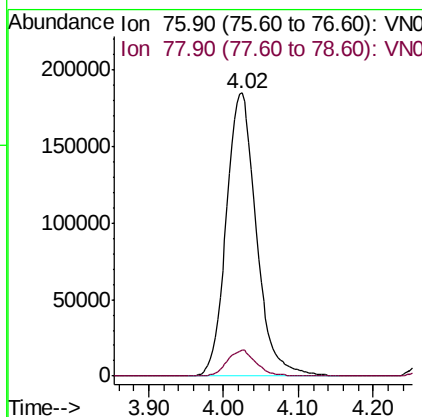
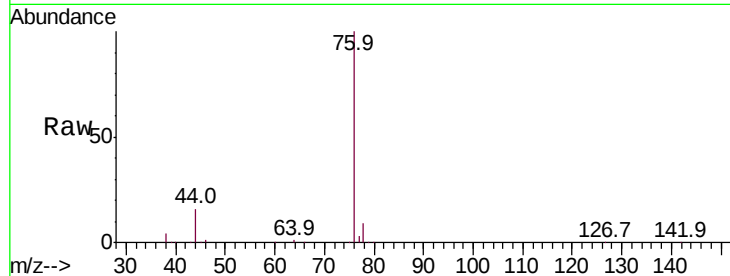




#17
Carbon Disulfide
Concen: 60.471 ug/l
RT: 4.02 min Scan# 700
Delta R.T. 0.00 min
Lab File: VN059680.D
Acq: 20 Dec 2019 14:52

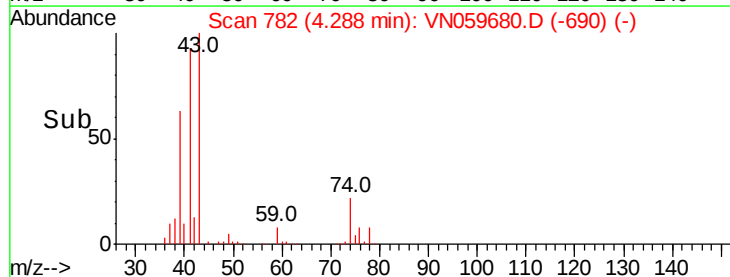
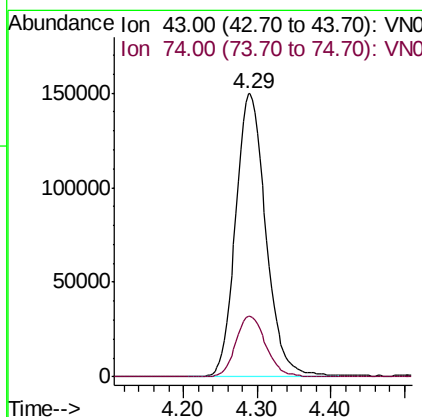
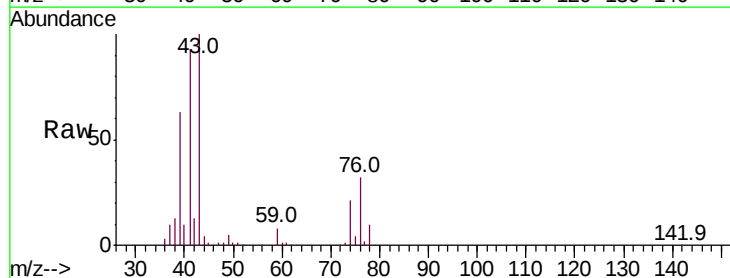
Instrument :
MSVOA_X
ClientSampleId :

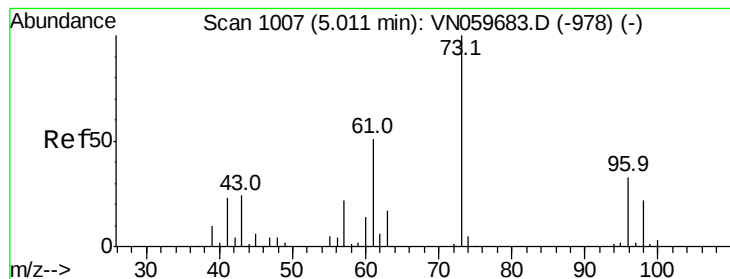
Tot Ion: 76 Resp: 516859
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 97.284 ug/l
RT: 4.29 min Scan# 782
Delta R.T. -0.00 min
Lab File: VN059680.D
Acq: 20 Dec 2019 14:52

Tgt Ion: 43 Resp: 425180
Ion Ratio Lower Upper
43 100
74 21.6 17.5 26.3



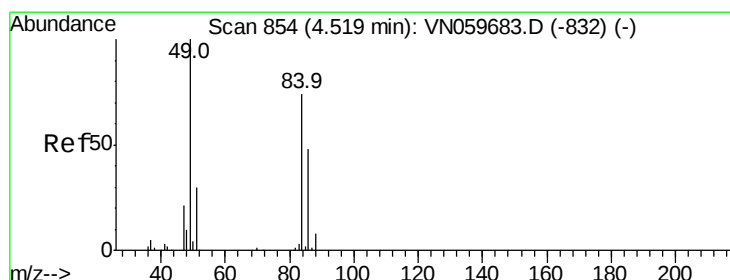
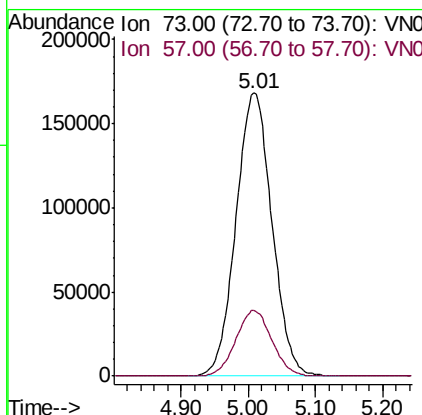
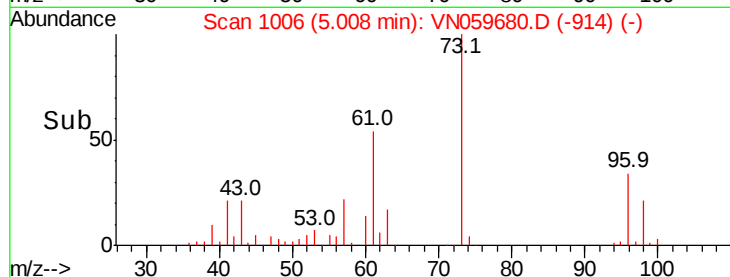
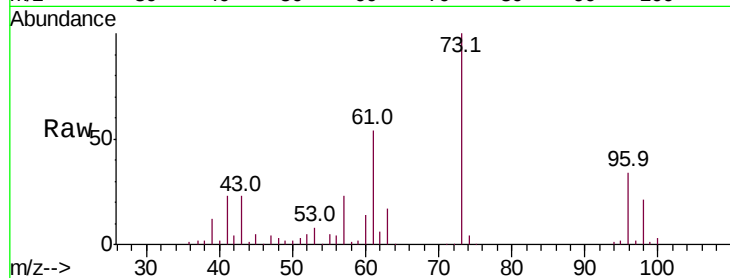


#19

Methyl tert-butyl Ether
 Concen: 71.289 ug/l
 RT: 5.01 min Scan# 1006
 Delta R.T. -0.00 min
 Lab File: VN059680.D
 Acq: 20 Dec 2019 14:52

Instrument :
 MSVOA_X
 ClientSampled :

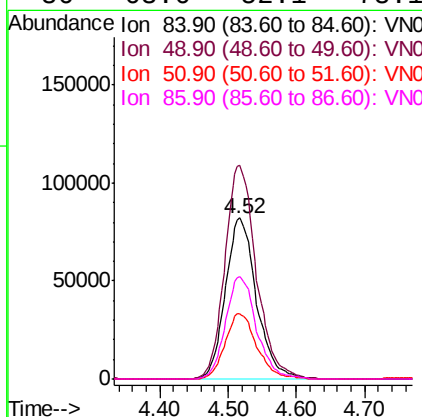
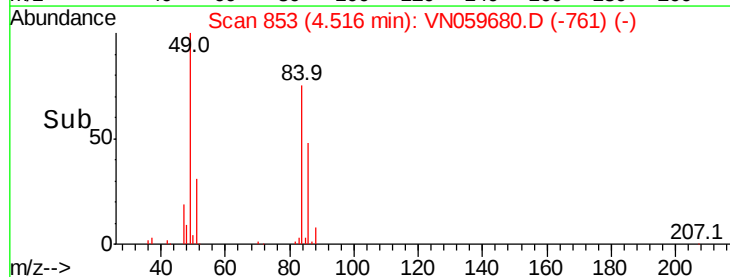
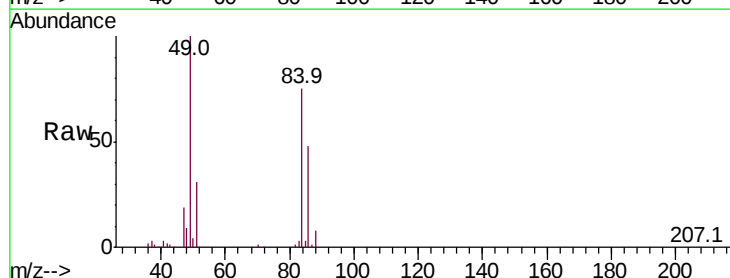
Tot Ion: 73 Resp: 625384
 Ion Ratio Lower Upper
 73 100
 57 23.2 17.6 26.4

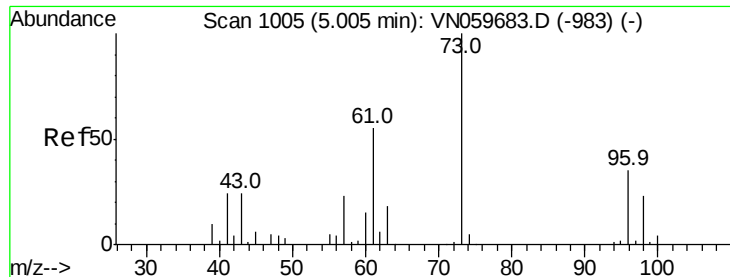


#20

Methylene Chloride
 Concen: 87.291 ug/l
 RT: 4.52 min Scan# 853
 Delta R.T. -0.00 min
 Lab File: VN059680.D
 Acq: 20 Dec 2019 14:52

Tgt Ion: 84 Resp: 259817
 Ion Ratio Lower Upper
 84 100
 49 132.8 108.0 162.0
 51 40.8 32.6 49.0
 86 63.6 52.1 78.1

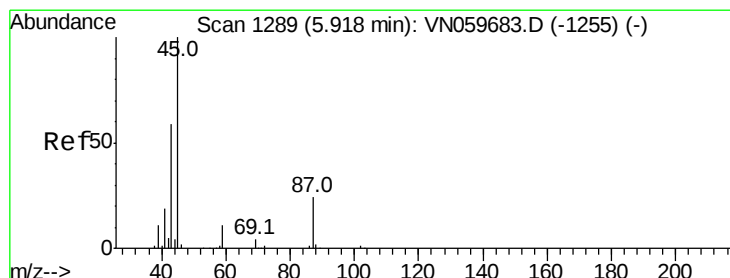
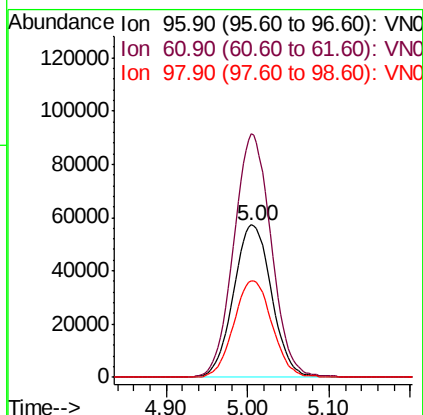
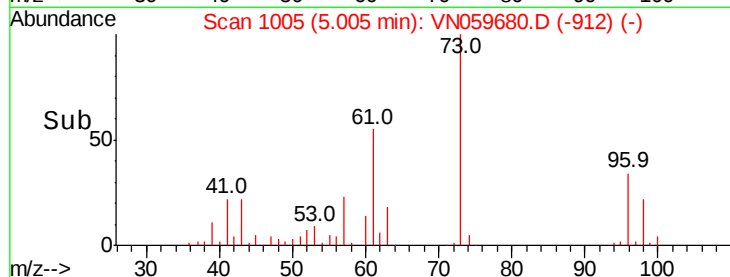
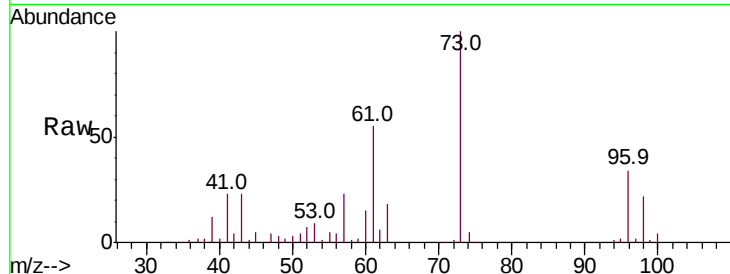




#21
trans-1,2-Dichloroethene
Concen: 67.239 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN059680.D
Acq: 20 Dec 2019 14:52

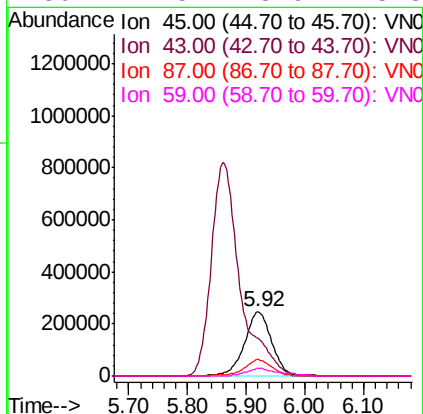
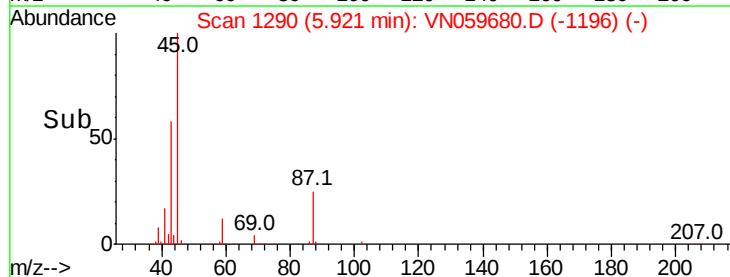
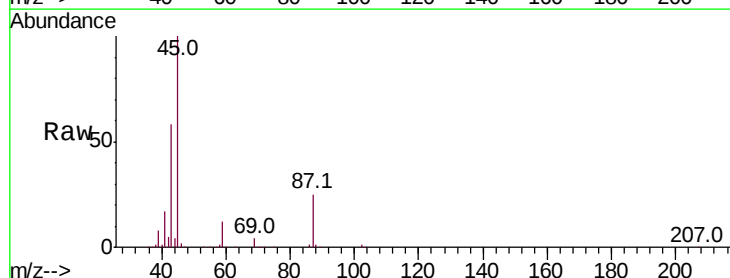
Instrument :
MSVOA_X
ClientSampleId :

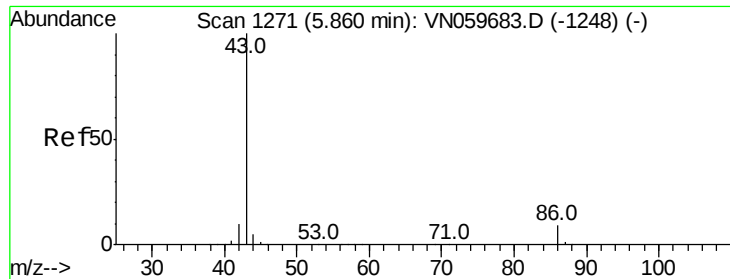
Tot Ion: 96 Resp: 185701
Ion Ratio Lower Upper
96 100
61 159.7 125.6 188.4
98 63.1 51.1 76.7



#22
Diisopropyl ether
Concen: 84.391 ug/l
RT: 5.92 min Scan# 1290
Delta R.T. 0.00 min
Lab File: VN059680.D
Acq: 20 Dec 2019 14:52

Tgt Ion: 45 Resp: 793541
Ion Ratio Lower Upper
45 100
43 56.9 50.4 75.6
87 25.1 20.1 30.1
59 11.5 8.9 13.3

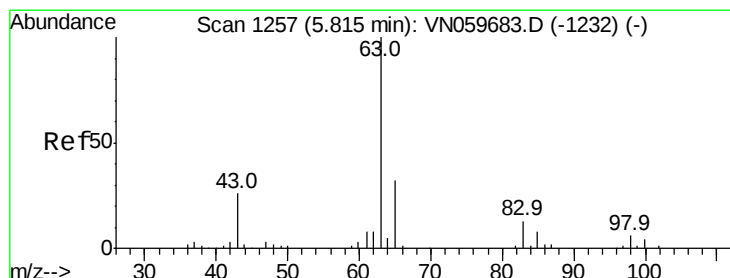
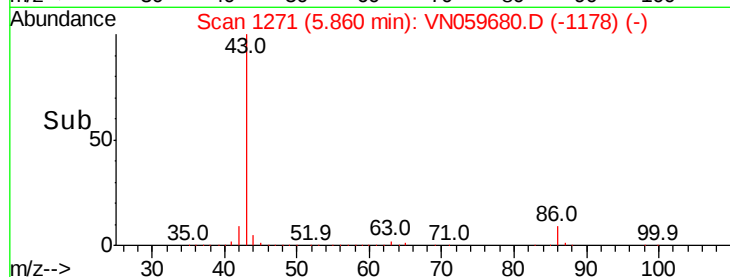
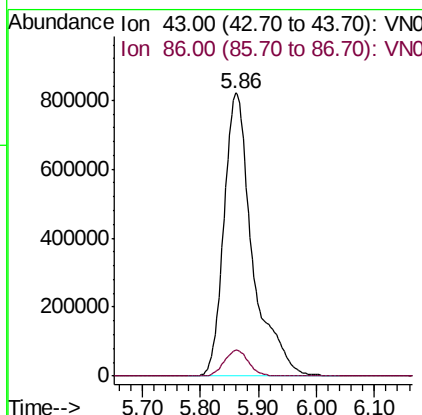
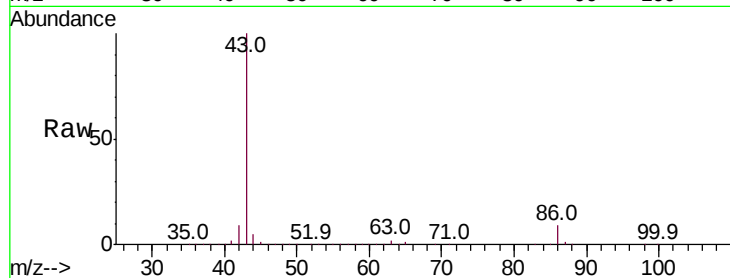




#23
 Vinyl Acetate
 Concen: 383.106 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VN059680.D
 Acq: 20 Dec 2019 14:52

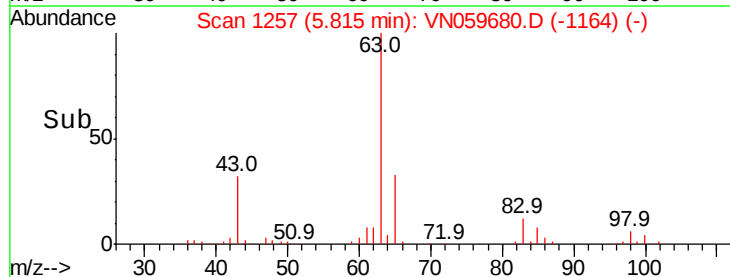
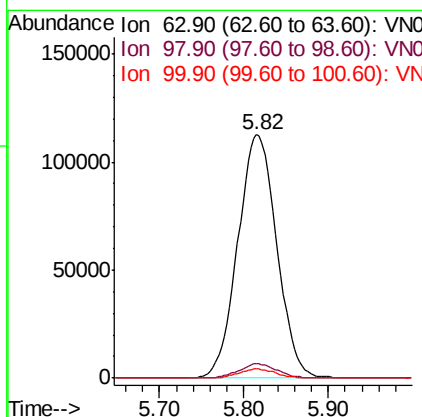
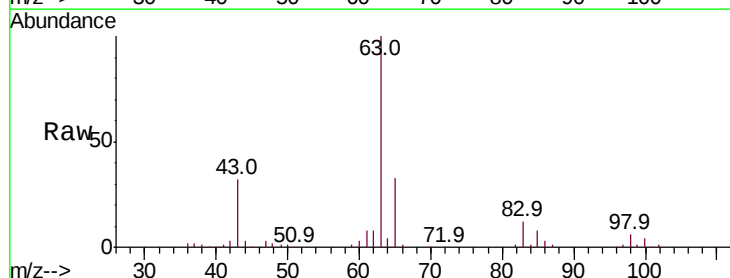
Instrument :
 MSVOA_X
 ClientSampleId :

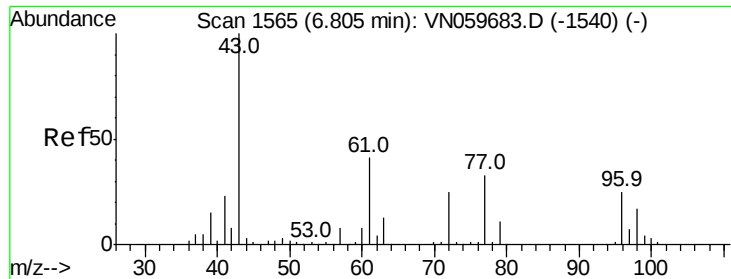
Tot Ion: 43 Resp: 2803242
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 68.001 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. 0.00 min
 Lab File: VN059680.D
 Acq: 20 Dec 2019 14:52

Tgt Ion: 63 Resp: 361792
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.9 8.6
 100 3.9 2.0 6.0

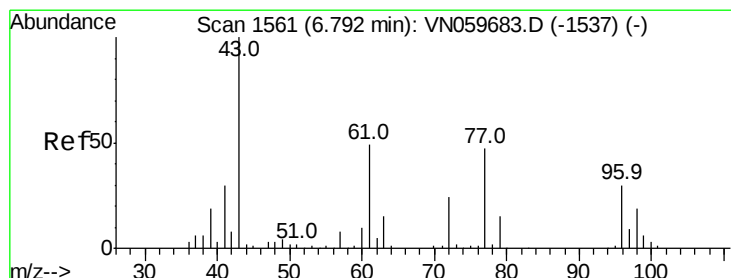
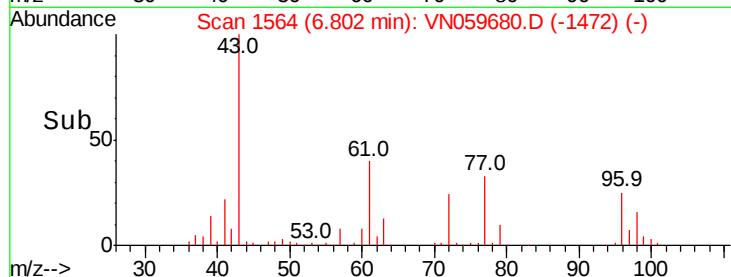
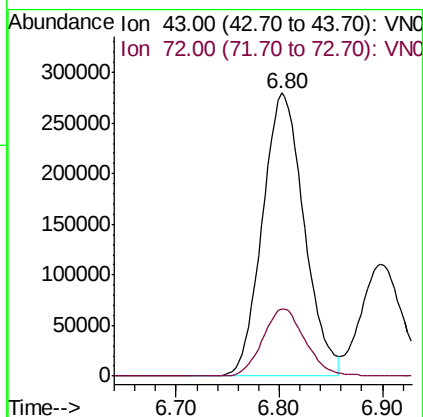
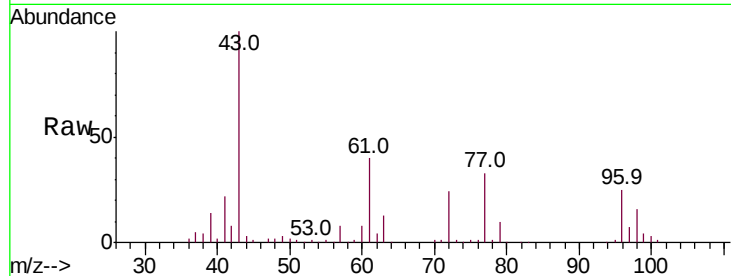




#25
2-Butanone
Concen: 322.621 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VN059680.D
Acq: 20 Dec 2019 14:52

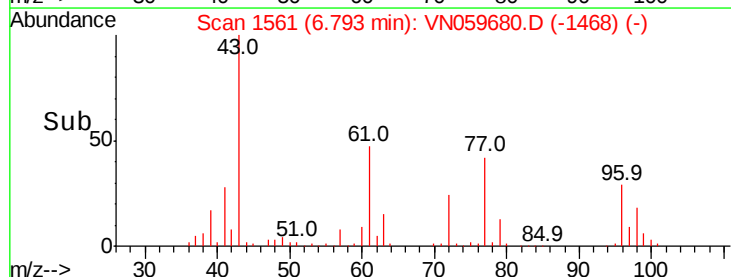
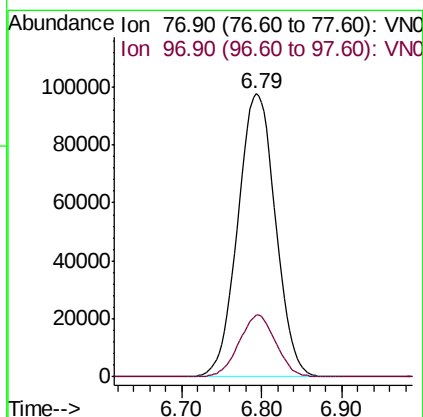
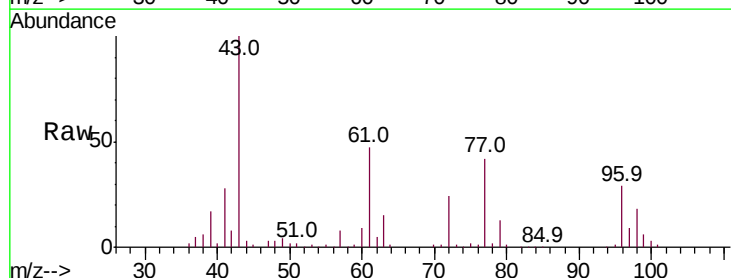
Instrument :
MSVOA_X
ClientSampleId :

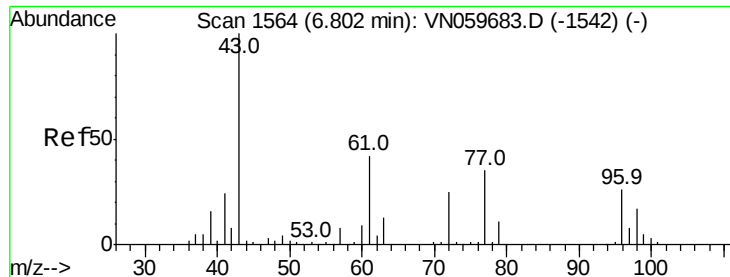
Tot Ion: 43 Resp: 783199
Ion Ratio Lower Upper
43 100
72 23.7 19.8 29.8



#26
2,2-Dichloropropane
Concen: 64.360 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. 0.00 min
Lab File: VN059680.D
Acq: 20 Dec 2019 14:52

Tgt Ion: 77 Resp: 312183
Ion Ratio Lower Upper
77 100
97 21.3 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 66.091 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

Instrument :
MSVOA_X
ClientSampled :

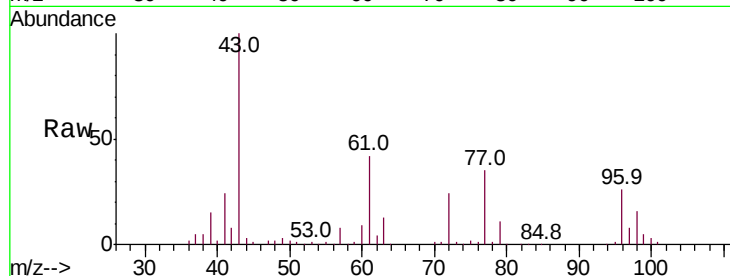
Tot Ion: 96 Resp: 202789

Ion Ratio Lower Upper

96 100

61 162.2 0.0 326.4

98 63.9 0.0 128.2

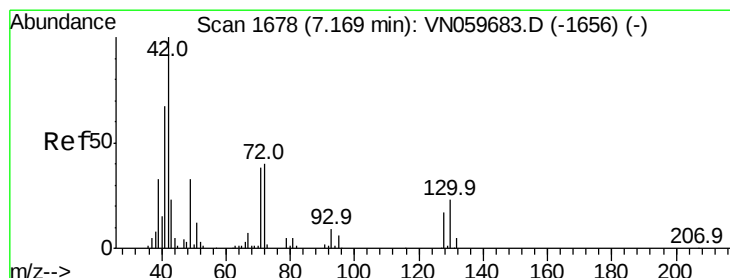
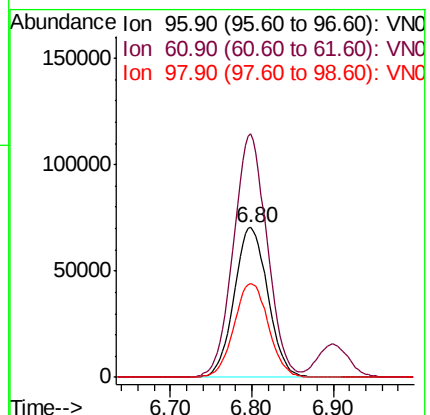
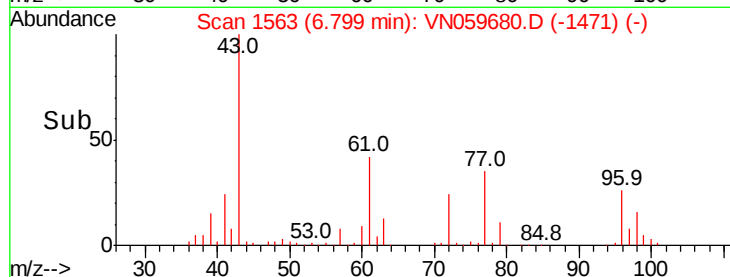


Abundance Ion 95.90 (95.60 to 96.60): VN059683.D (-1542) (-)

Ion 60.90 (60.60 to 61.60): VN059683.D (-1542) (-)

Ion 97.90 (97.60 to 98.60): VN059683.D (-1542) (-)

Time-->



#28

Bromochloromethane

Concen: 140.741 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

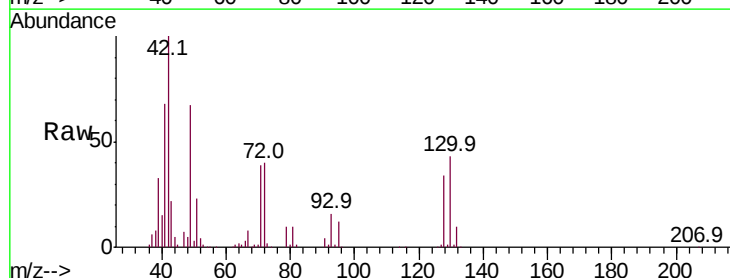
Tgt Ion: 49 Resp: 249247

Ion Ratio Lower Upper

49 100

129 1.6 0.0 2.6

130 65.3 53.3 79.9

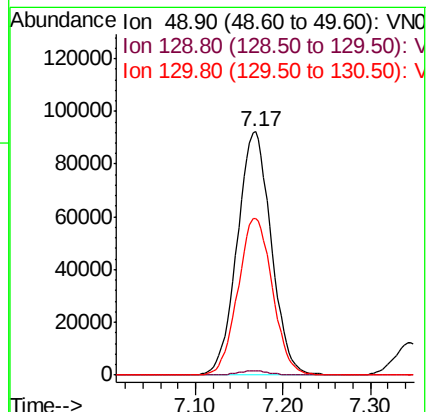
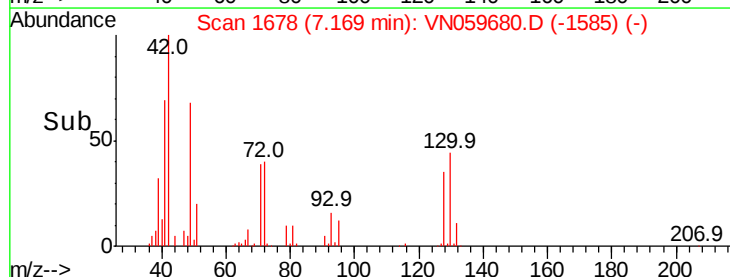


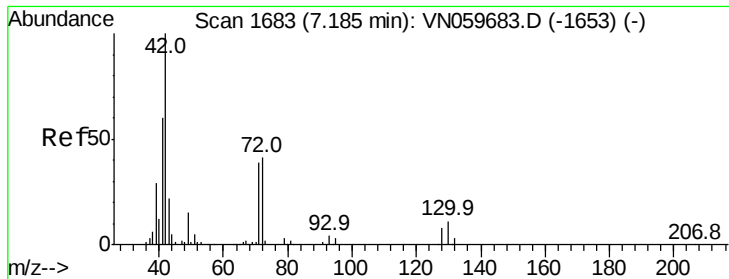
Abundance Ion 48.90 (48.60 to 49.60): VN059683.D (-1656) (-)

Ion 128.80 (128.50 to 129.50): VN059683.D (-1656) (-)

Ion 129.80 (129.50 to 130.50): VN059683.D (-1656) (-)

Time-->

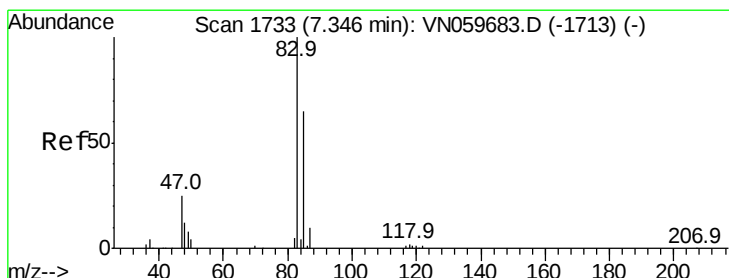
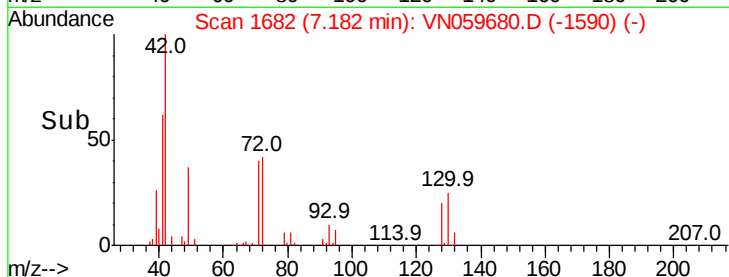
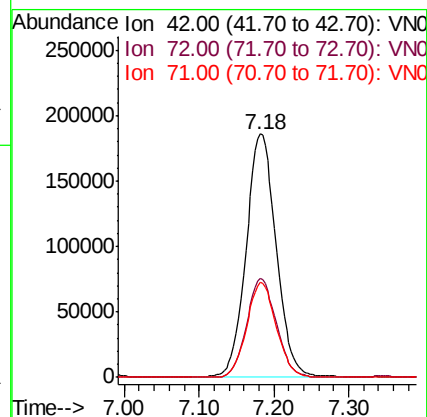
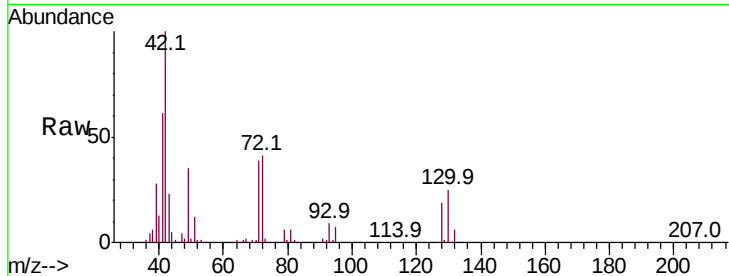




#29
Tetrahydrofuran
Concen: 343.839 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VN059680.D
Acq: 20 Dec 2019 14:52

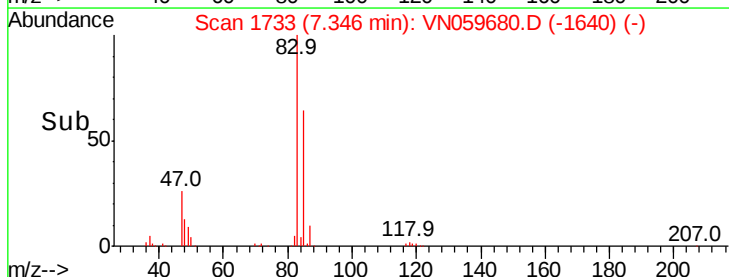
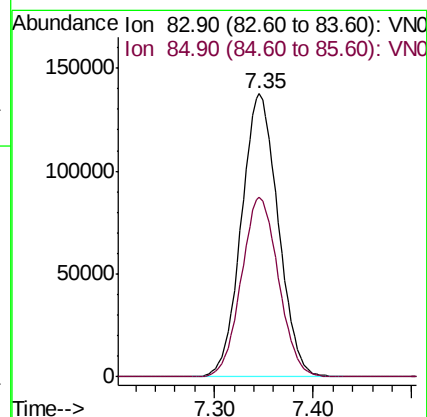
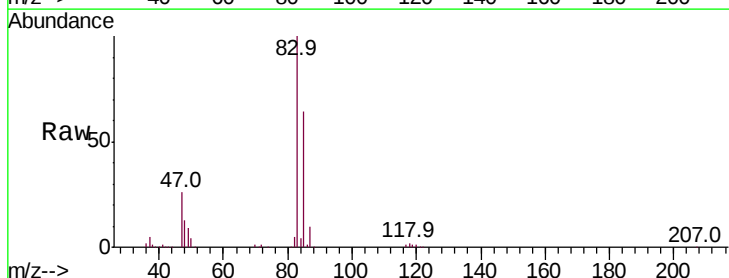
Instrument :
MSVOA_X
ClientSampled :

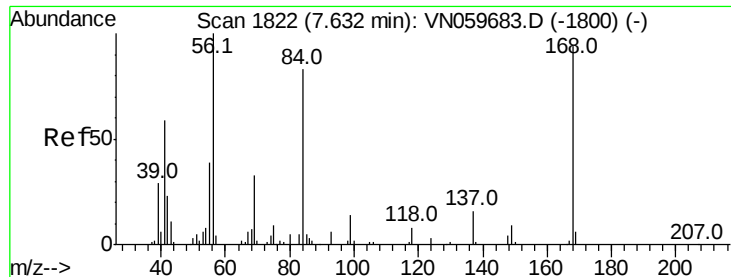
Tot Ion: 42 Resp: 519298
Ion Ratio Lower Upper
42 100
72 40.3 32.6 49.0
71 38.4 31.2 46.8



#30
Chloroform
Concen: 65.468 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059680.D
Acq: 20 Dec 2019 14:52

Tgt Ion: 83 Resp: 355219
Ion Ratio Lower Upper
83 100
85 63.7 51.8 77.8

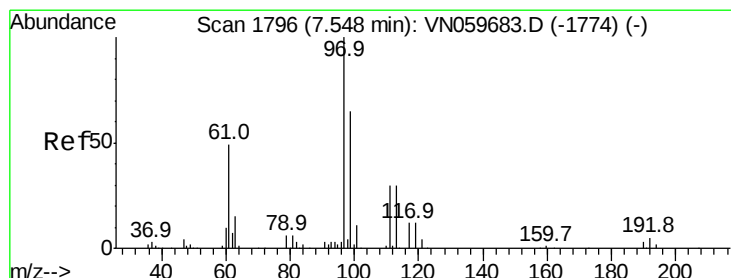
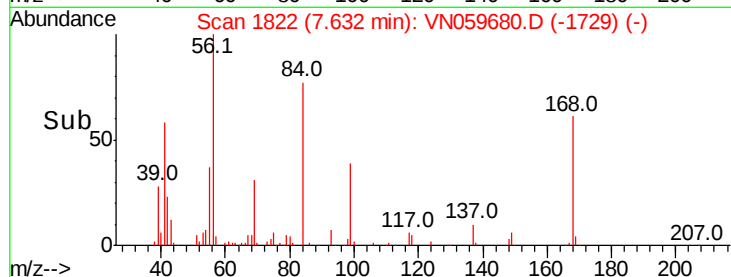
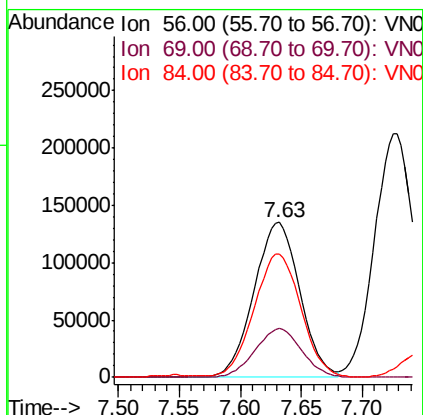
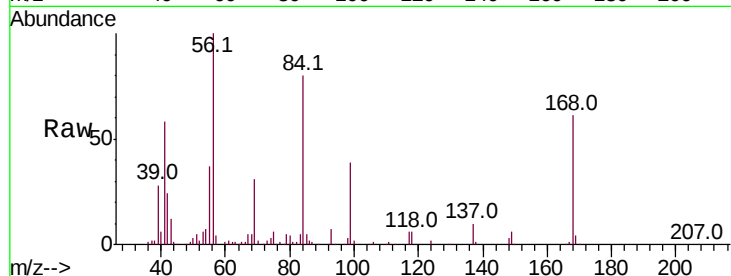




#31
Cyclohexane
Concen: 69.048 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059680.D
Acq: 20 Dec 2019 14:52

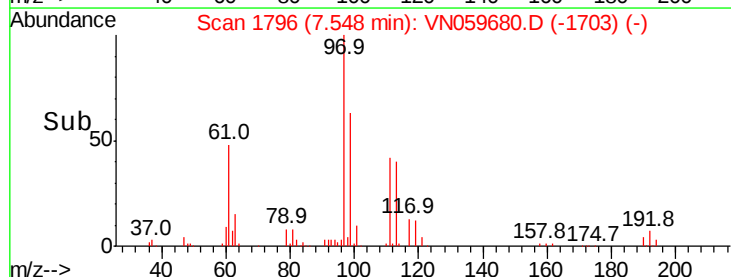
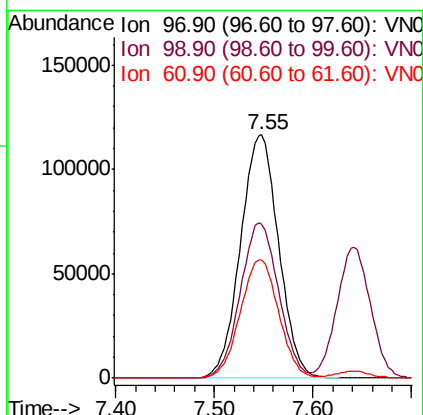
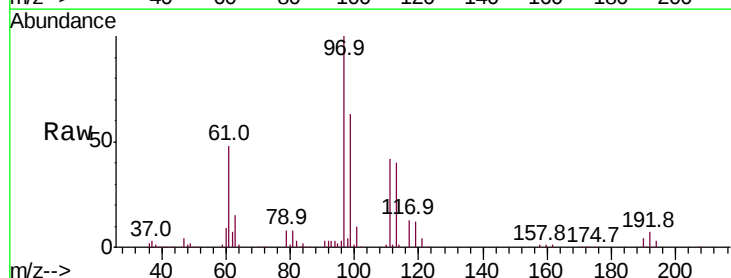
Instrument :
MSVOA_X
ClientSampled :

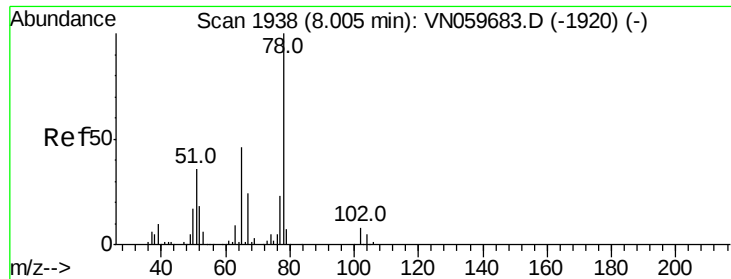
Tot Ion: 56 Resp: 353784
Ion Ratio Lower Upper
56 100
69 31.4 26.4 39.6
84 78.7 66.2 99.2



#32
1,1,1-Trichloroethane
Concen: 65.216 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN059680.D
Acq: 20 Dec 2019 14:52

Tgt Ion: 97 Resp: 311773
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.0
61 49.0 38.9 58.3

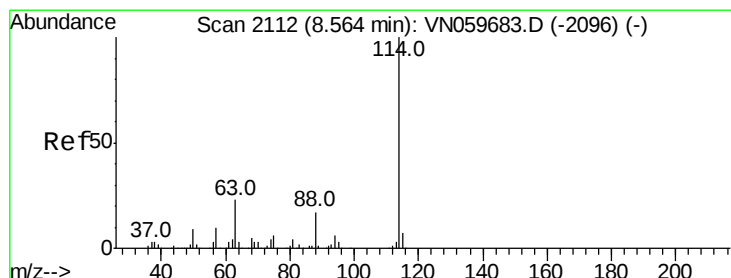
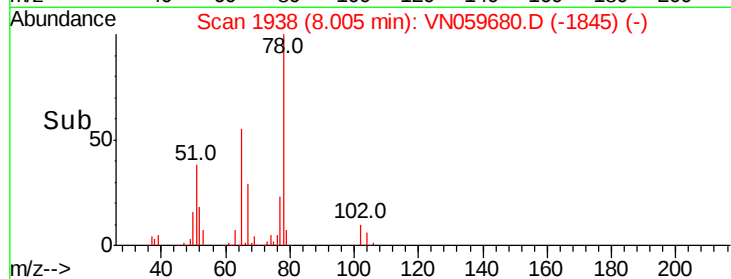
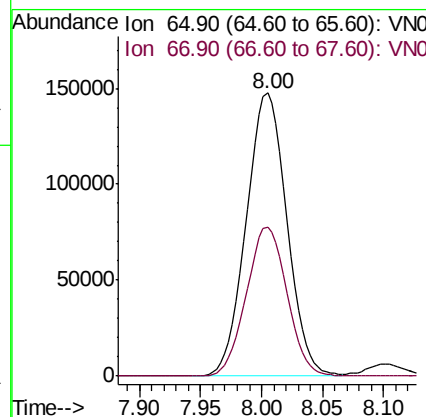
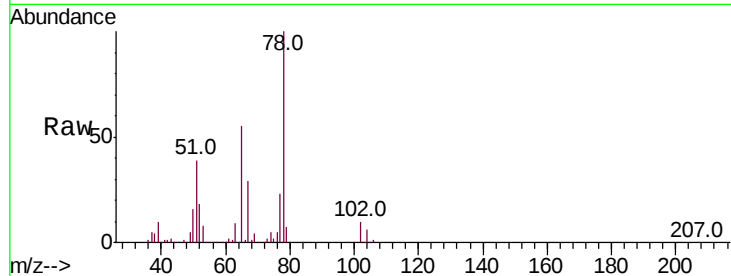




#33
 1,2-Dichloroethane-d4
 Concen: 97.808 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059680.D
 Acq: 20 Dec 2019 14:52

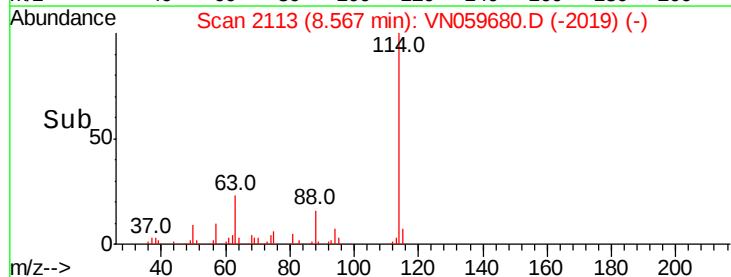
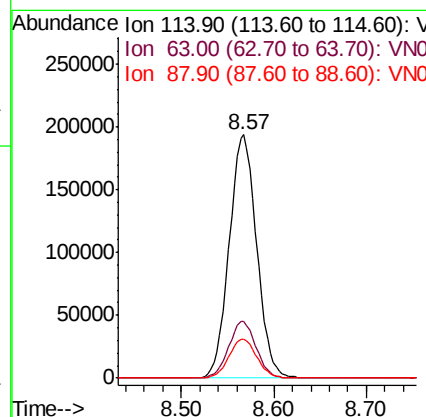
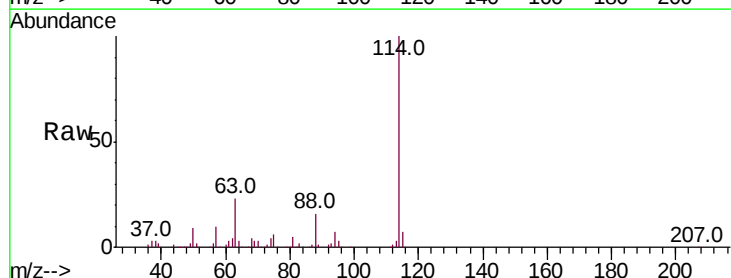
Instrument :
 MSVOA_X
 ClientSampleId :

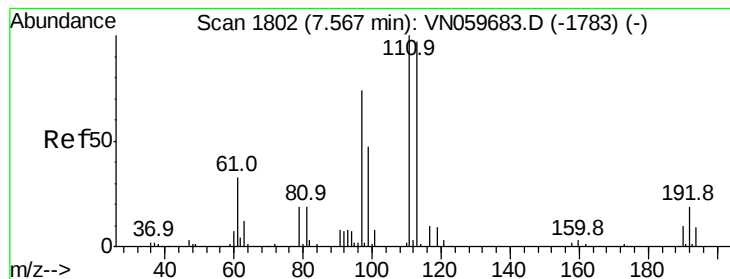
Tot Ion: 65 Resp: 340195
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059680.D
 Acq: 20 Dec 2019 14:52

Tgt Ion: 114 Resp: 397888
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 46.2
 88 16.1 0.0 33.6





#35

Dibromofluoromethane

Concen: 84.910 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

Instrument :
MSVOA_X
ClientSampled :

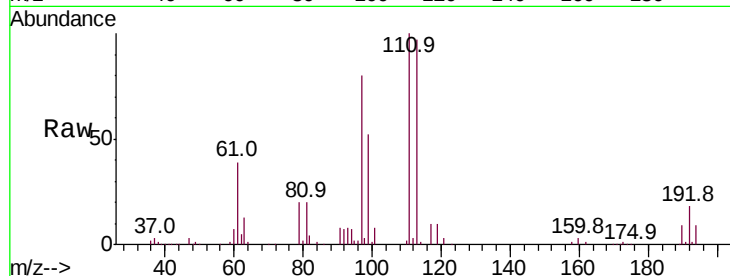
Tot Ion:113 Resp: 207603

Ion Ratio Lower Upper

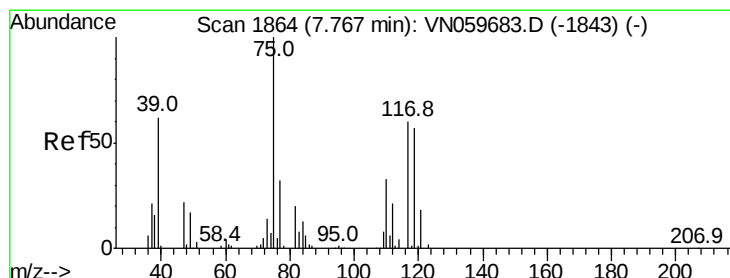
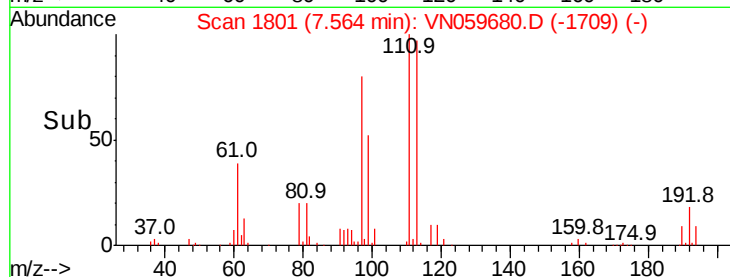
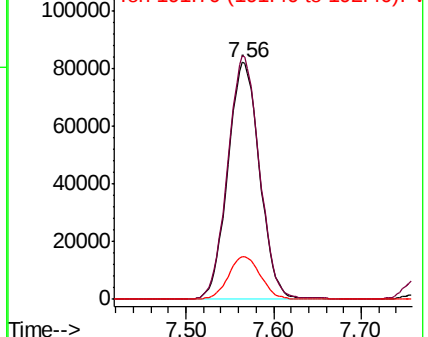
113 100

111 102.4 81.4 122.0

192 18.3 14.9 22.3



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: 82.761 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

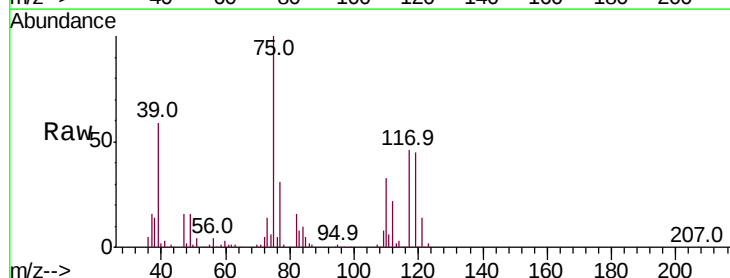
Tgt Ion: 75 Resp: 340649

Ion Ratio Lower Upper

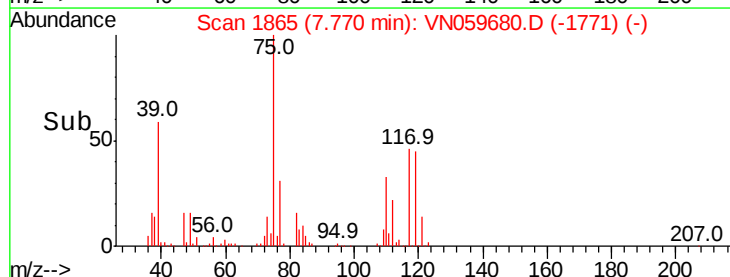
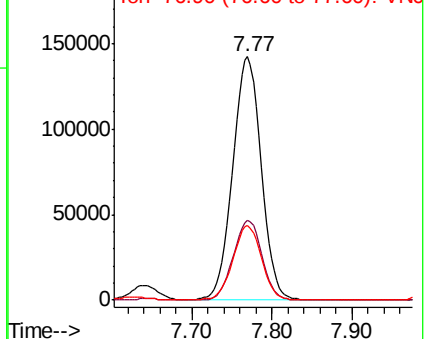
75 100

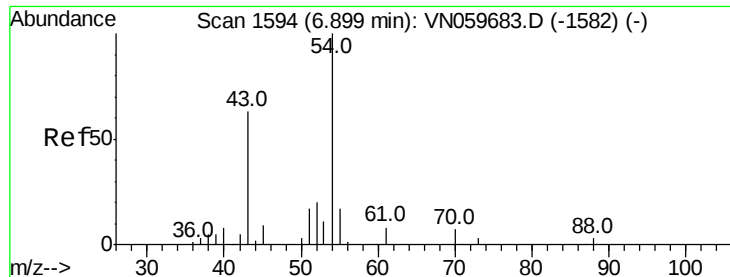
110 32.8 16.2 48.5

77 31.0 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

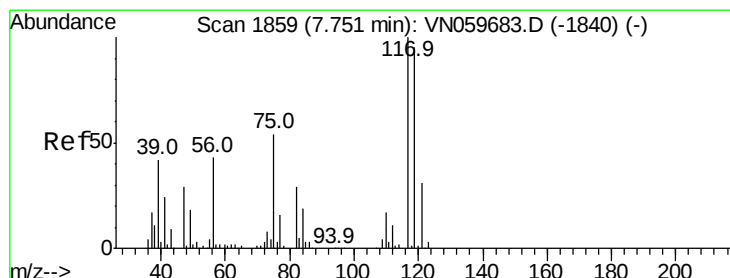
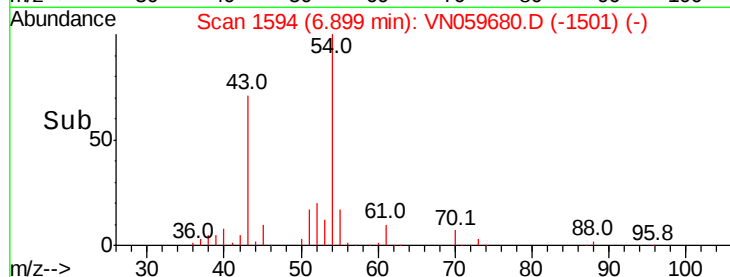
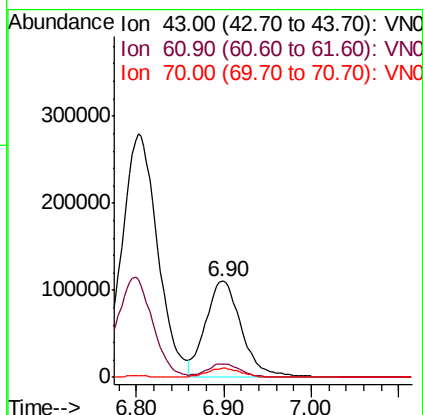
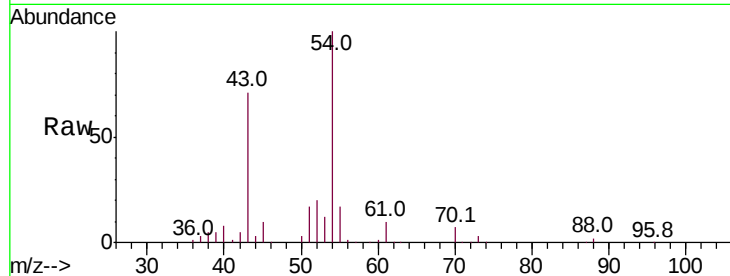




#37
Ethyl Acetate
Concen: 65.239 ug/l
RT: 6.90 min Scan# 1594
Delta R.T. 0.00 min
Lab File: VN059680.D
Acq: 20 Dec 2019 14:52

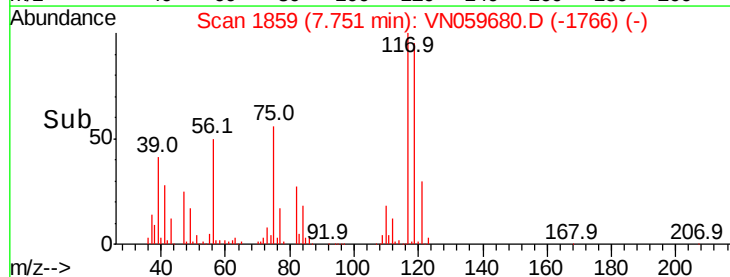
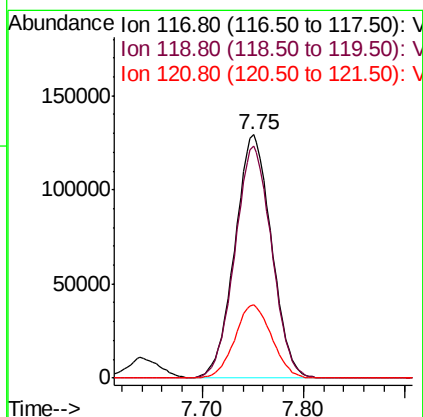
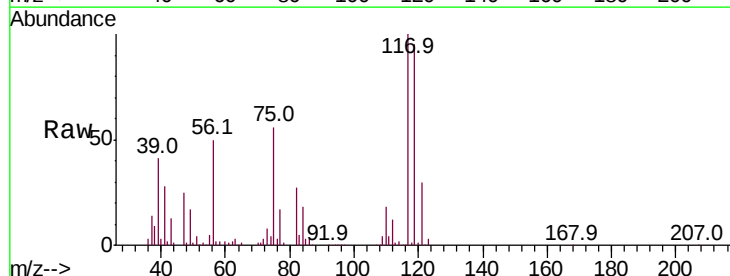
Instrument :
MSVOA_X
ClientSampleId :

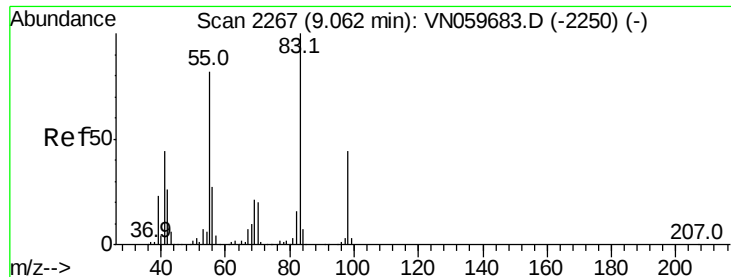
Tot Ion: 43 Resp: 312777
Ion Ratio Lower Upper
43 100
61 13.6 10.2 15.4
70 9.2 7.6 11.4



#38
Carbon Tetrachloride
Concen: 76.155 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059680.D
Acq: 20 Dec 2019 14:52

Tgt Ion: 117 Resp: 325914
Ion Ratio Lower Upper
117 100
119 95.3 76.1 114.1
121 30.0 24.5 36.7

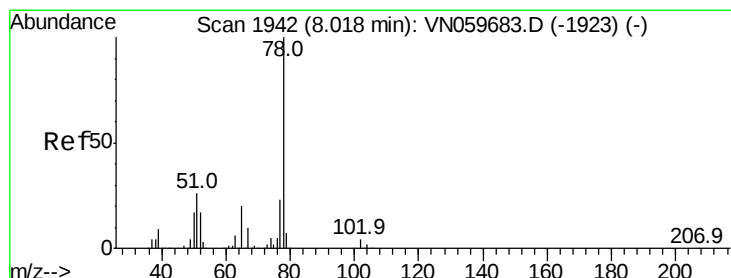
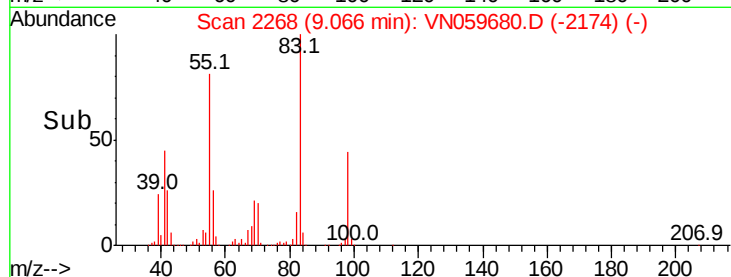
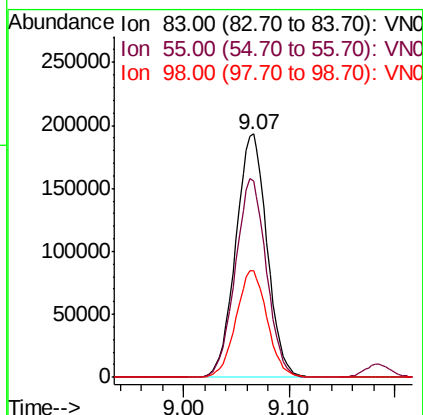
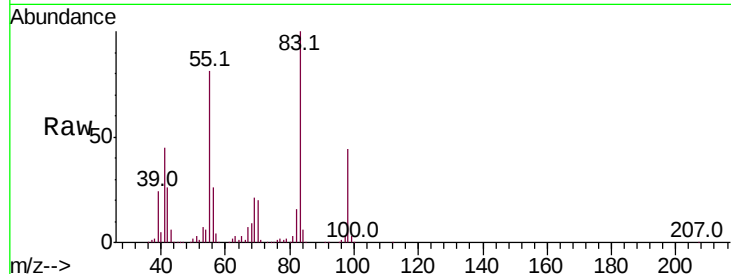




#39
Methvlcvclohexane
Concen: 82.093 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059680.D
Acq: 20 Dec 2019 14:52

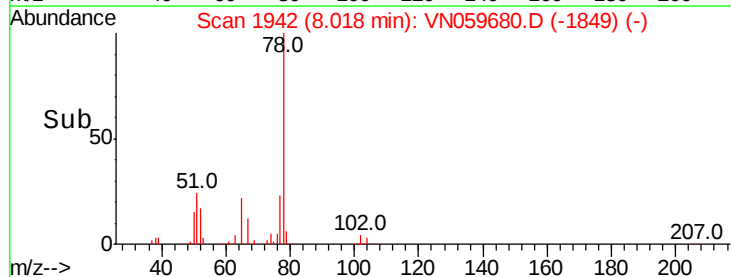
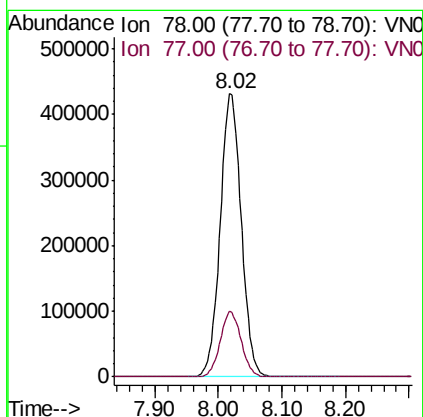
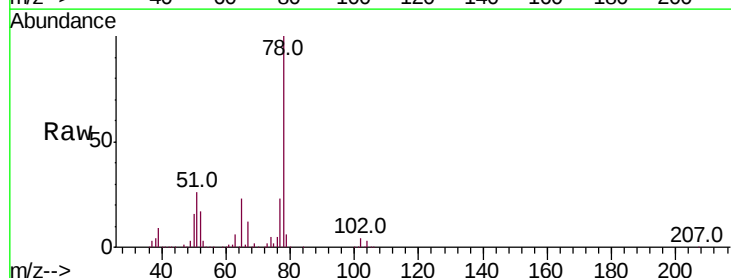
Instrument :
MSVOA_X
ClientSampleId :

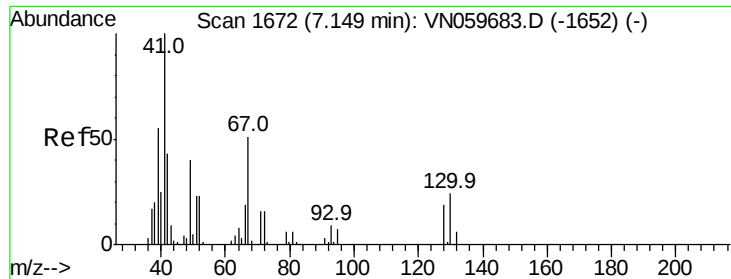
Tot Ion: 83 Resp: 396549
Ion Ratio Lower Upper
83 100
55 80.7 65.5 98.3
98 43.9 35.0 52.4



#40
Benzene
Concen: 82.388 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN059680.D
Acq: 20 Dec 2019 14:52

Tgt Ion: 78 Resp: 991665
Ion Ratio Lower Upper
78 100
77 23.1 18.6 28.0

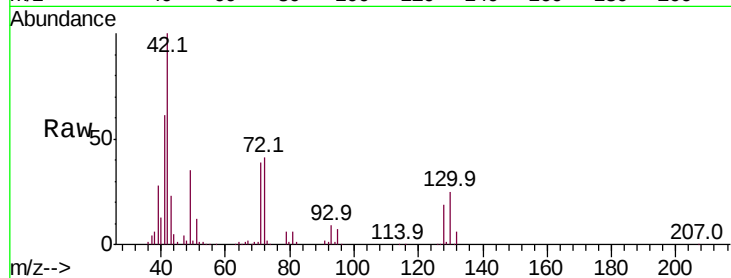




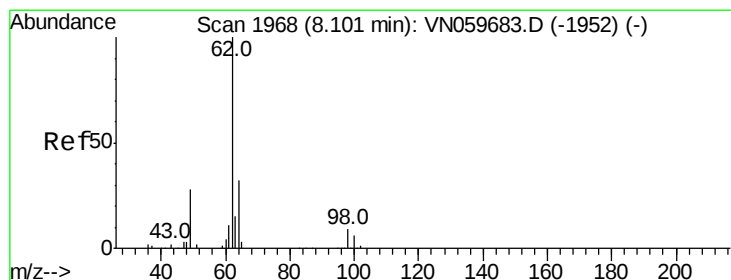
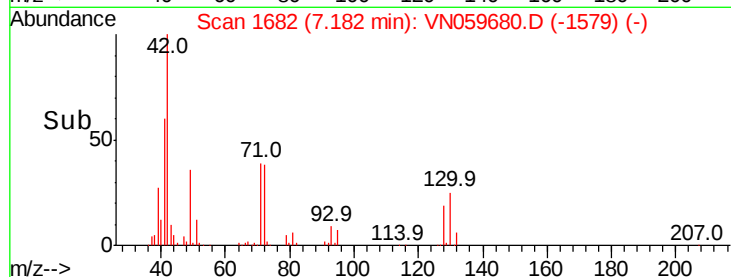
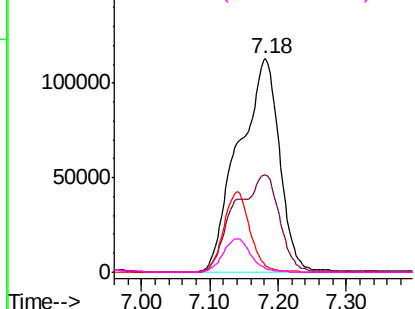
#41
Methacrylonitrile
Concen: 240.855 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.03 min
Lab File: VN059680.D
Acq: 20 Dec 2019 14:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	471260
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

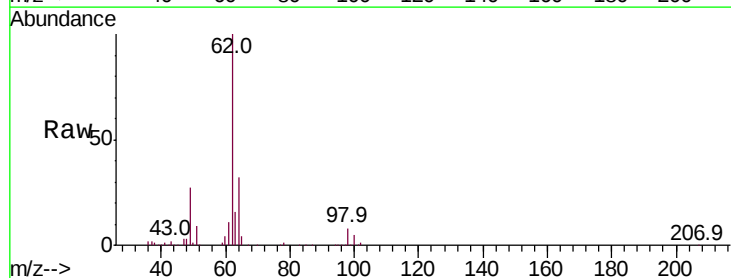


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

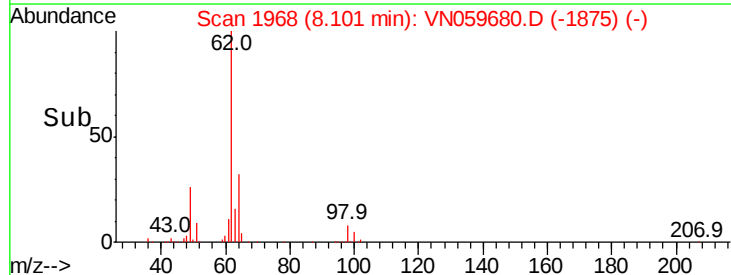
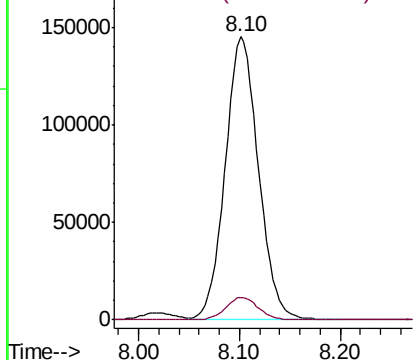


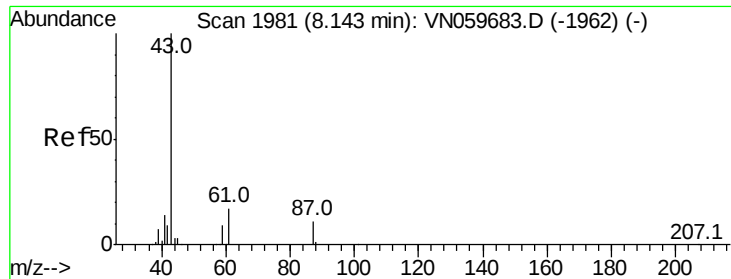
#42
1,2-Dichloroethane
Concen: 70.987 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059680.D
Acq: 20 Dec 2019 14:52

Tgt Ion:	62	Resp:	332316
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.6



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





#43

Isopropyl Acetate

Concen: 81.283 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

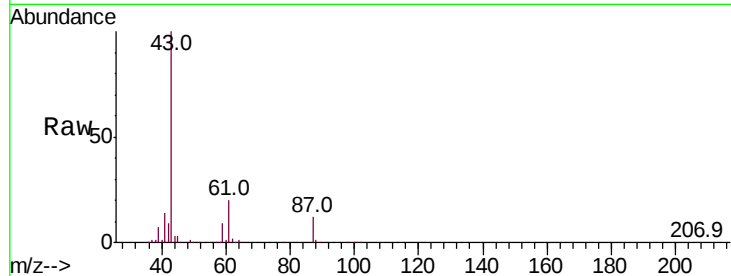
Tot Ion: 43 Resp: 615574

Ion Ratio Lower Upper

43 100

61 25.1 20.6 30.8

87 12.0 9.4 14.2

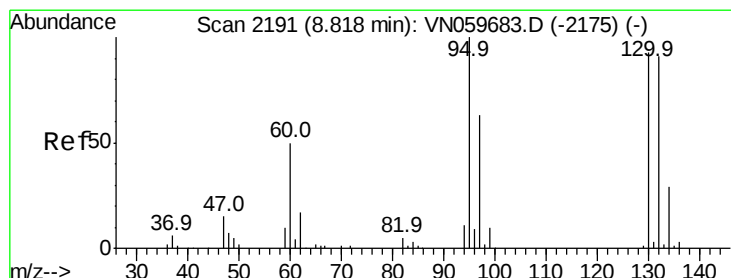
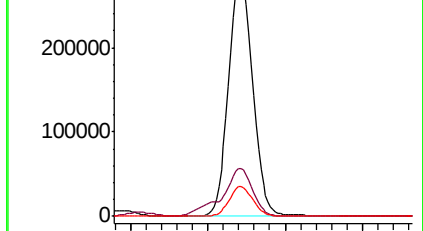
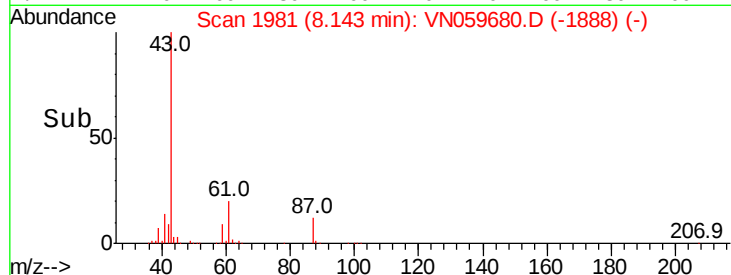


Abundance Ion 43.00 (42.70 to 43.70): VN059683.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN059683.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN059683.D (-1962) (-)

Time-->



#44

Trichloroethene

Concen: 69.401 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059680.D

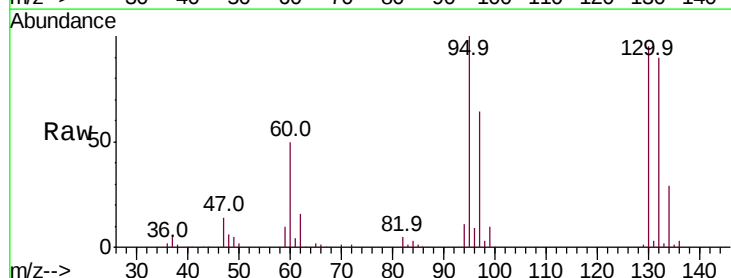
Acq: 20 Dec 2019 14:52

Tgt Ion:130 Resp: 217302

Ion Ratio Lower Upper

130 100

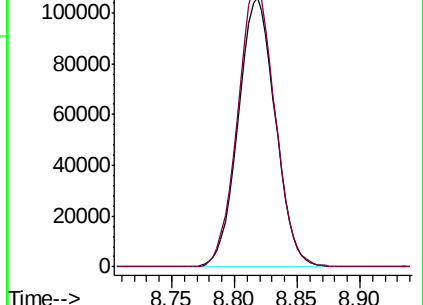
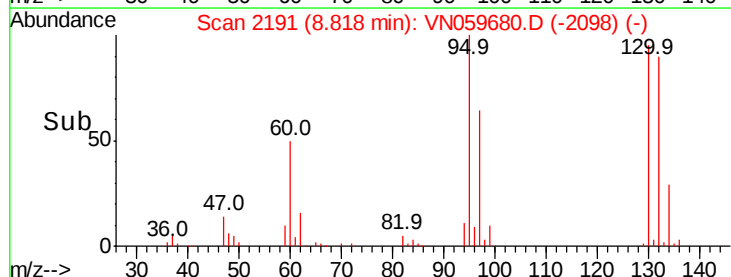
95 105.3 0.0 214.8

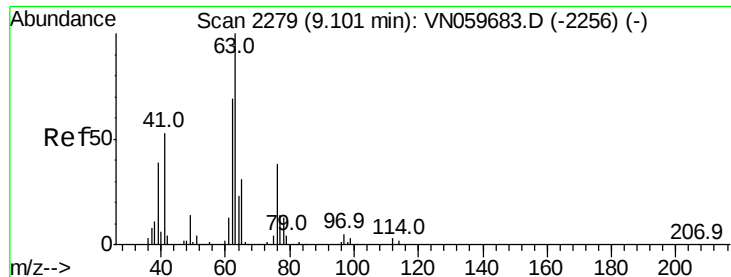


Abundance Ion 129.80 (129.50 to 130.50): VN059683.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN059683.D (-2175) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 81.082 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

Instrument :

MSVOA_X

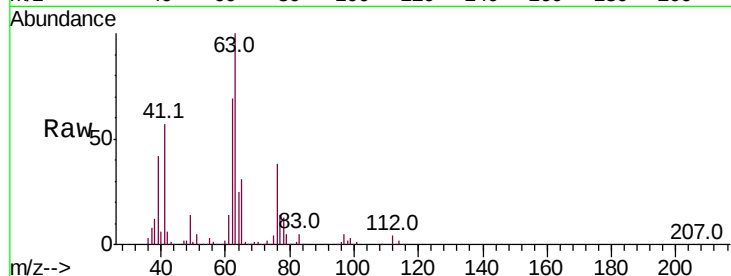
ClientSampled :

Tot Ion: 63 Resp: 273329

Ion Ratio Lower Upper

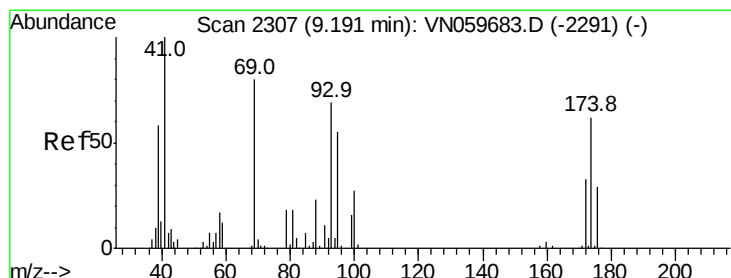
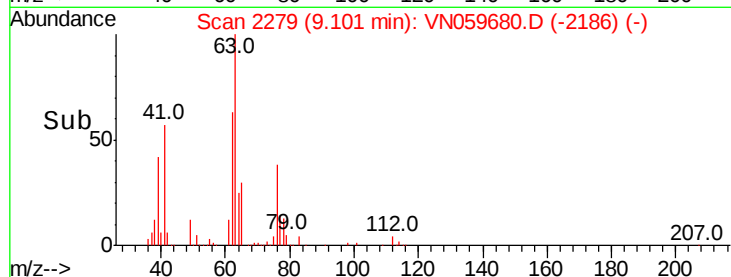
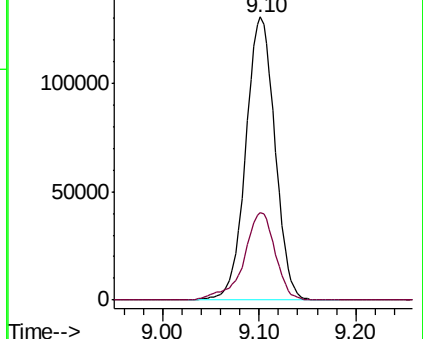
63 100

65 31.1 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN059680.D (-2186) (-)

Ion 64.90 (64.60 to 65.60): VN059680.D (-2186) (-)



#46

Dibromomethane

Concen: 78.350 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

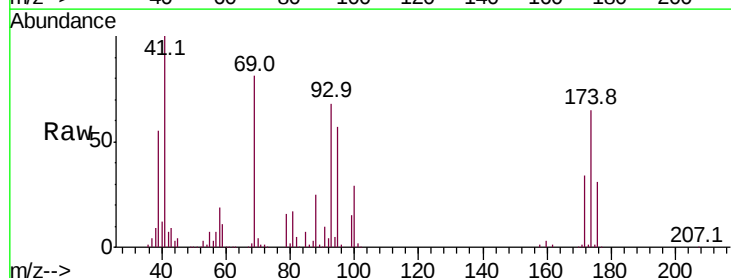
Tgt Ion: 93 Resp: 168755

Ion Ratio Lower Upper

93 100

95 83.2 65.2 97.8

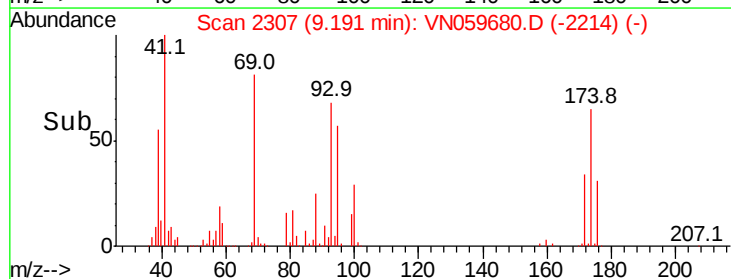
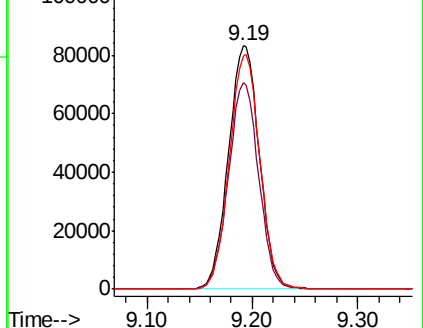
174 95.2 73.1 109.7

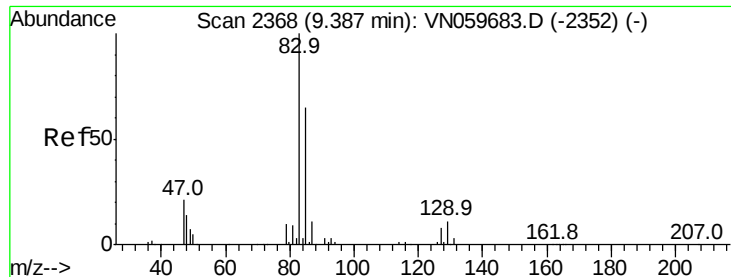


Abundance Ion 92.80 (92.50 to 93.50): VN059680.D (-2214) (-)

Ion 94.80 (94.50 to 95.50): VN059680.D (-2214) (-)

Ion 173.70 (173.40 to 174.40): VN059680.D (-2214) (-)





#47

Bromodichloromethane

Concen: 79.796 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

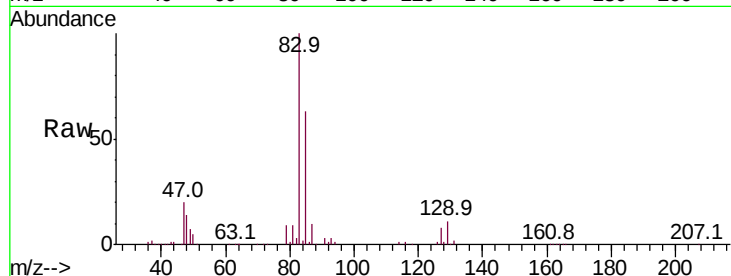
Tot Ion: 83 Resp: 343297

Ion Ratio Lower Upper

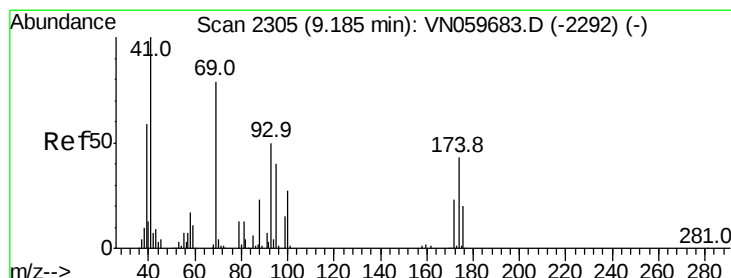
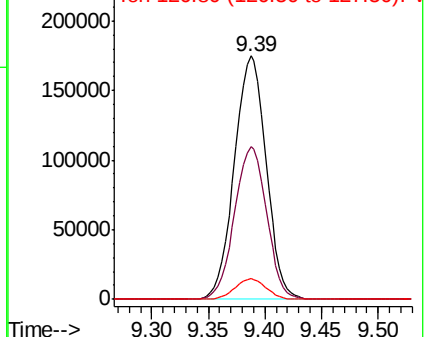
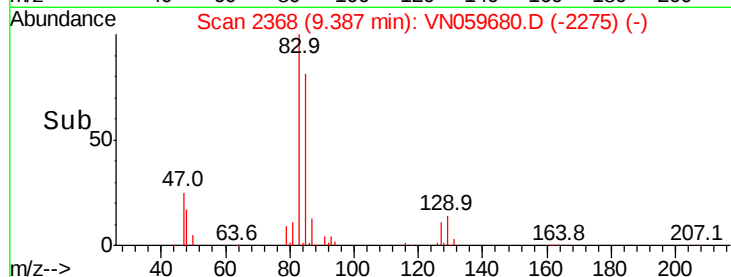
83 100

85 62.8 52.1 78.1

127 8.4 6.7 10.1



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



#48

Methyl methacrylate

Concen: 81.989 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

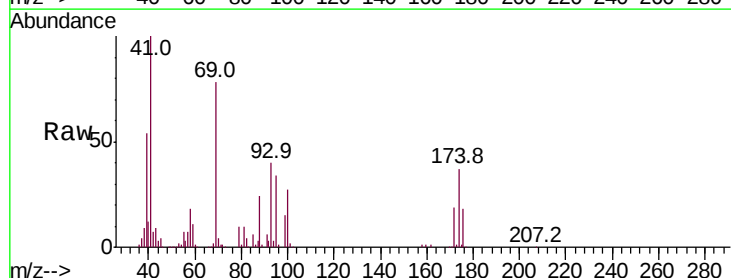
Tgt Ion: 41 Resp: 280166

Ion Ratio Lower Upper

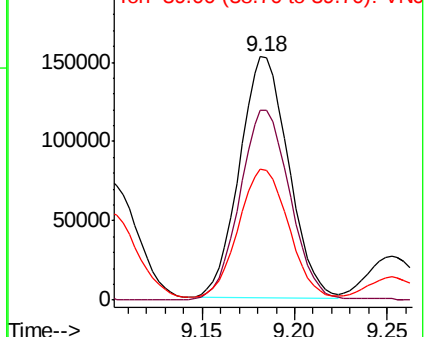
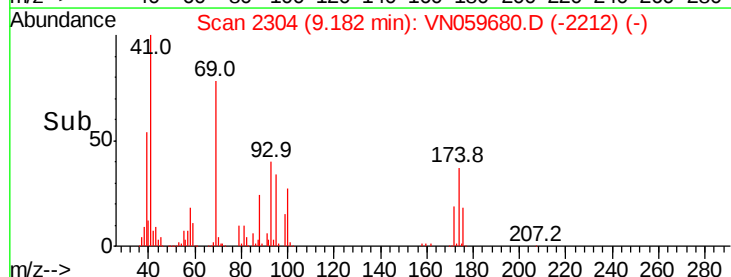
41 100

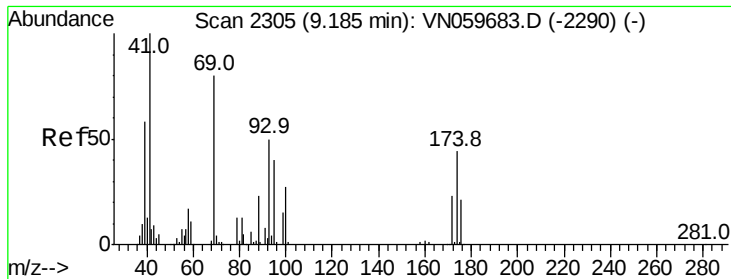
69 81.0 63.0 94.6

39 56.1 48.0 72.0



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

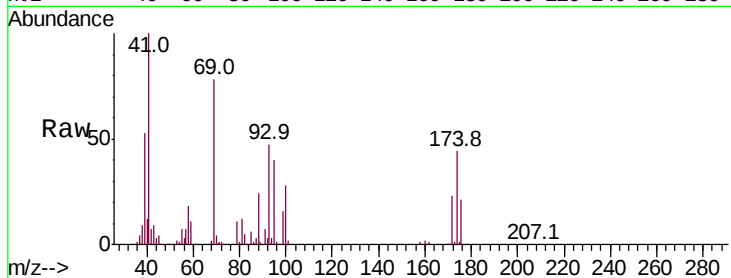




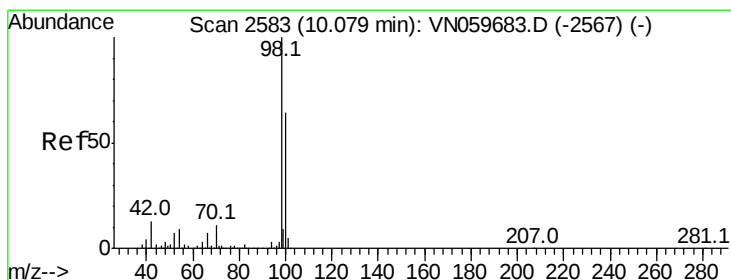
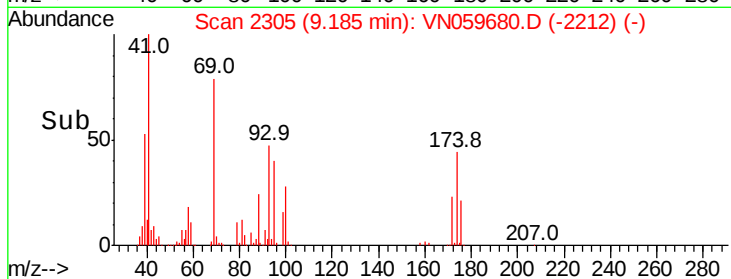
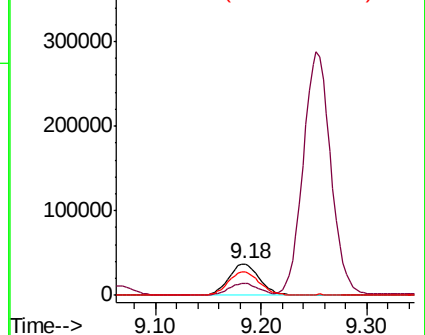
#49
1,4-Dioxane
Concen: 1594.819 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. 0.00 min
Lab File: VN059680.D
Acq: 20 Dec 2019 14:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 75985
Ion Ratio Lower Upper
88 100
43 36.2 30.2 45.4
58 74.7 60.1 90.1

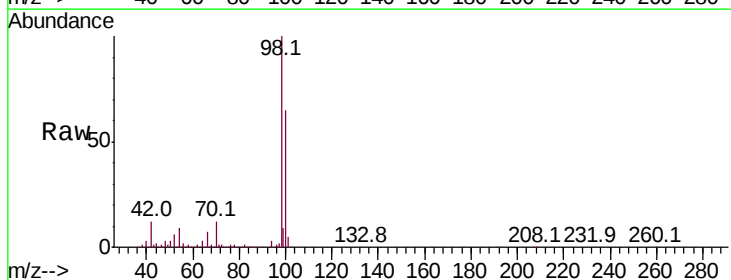


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

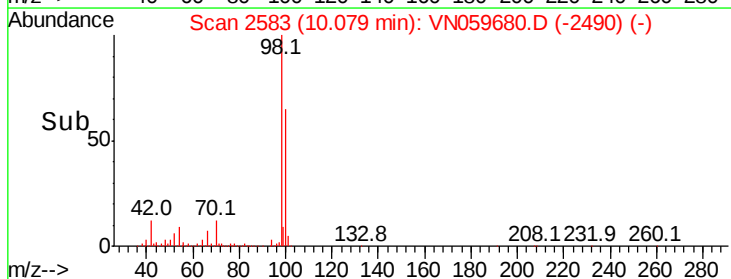
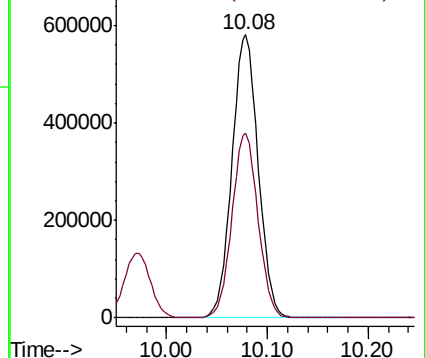


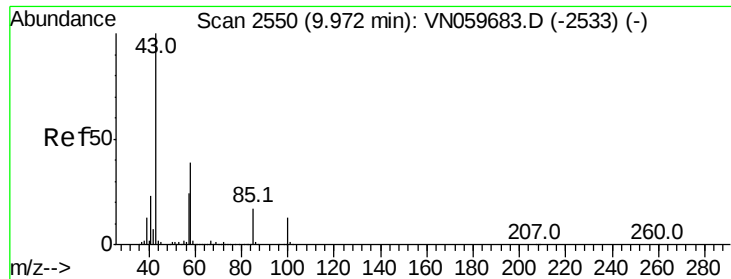
#50
Toluene-d8
Concen: 108.462 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059680.D
Acq: 20 Dec 2019 14:52

Tgt Ion: 98 Resp: 1051869
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



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: 413.981 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

Instrument :

MSVOA_X

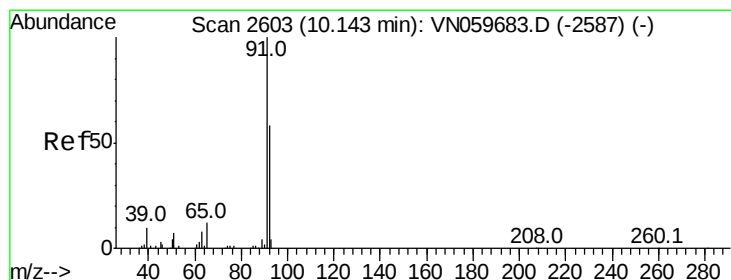
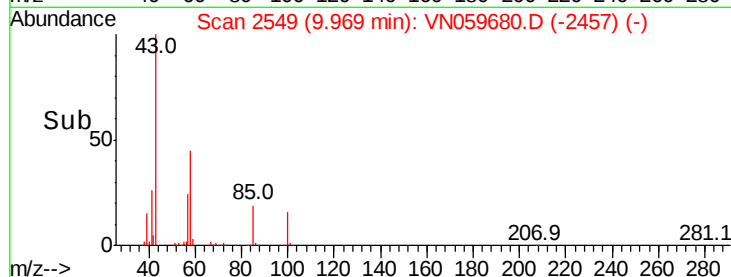
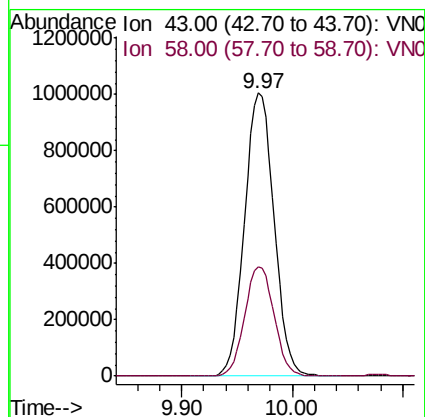
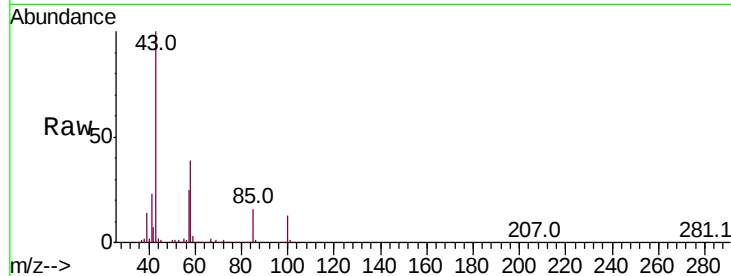
ClientSampleId :

Tot Ion: 43 Resp: 1860458

Ion Ratio Lower Upper

43 100

58 38.5 30.1 45.1



#52

Toluene

Concen: 75.712 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN059680.D

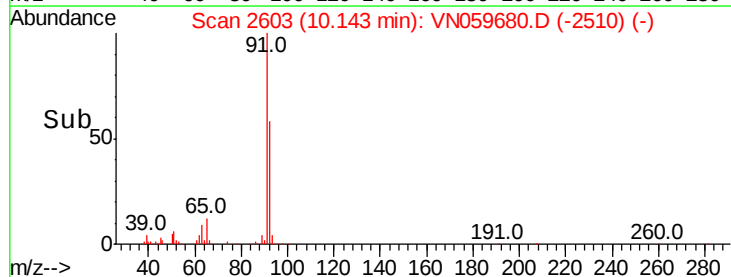
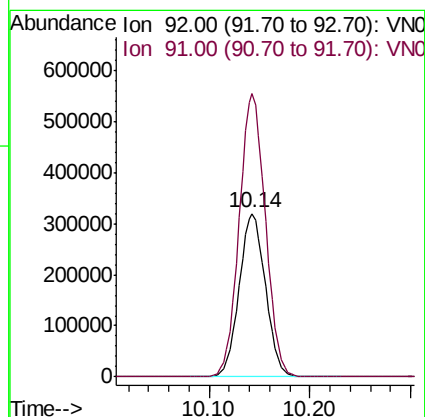
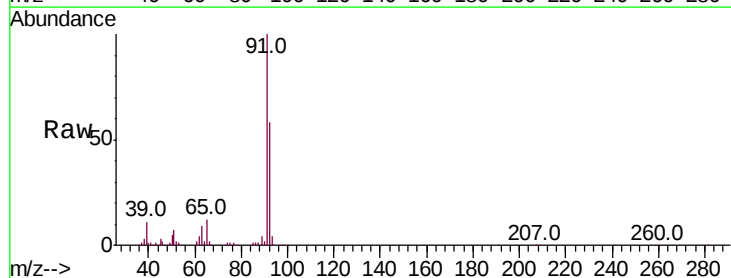
Acq: 20 Dec 2019 14:52

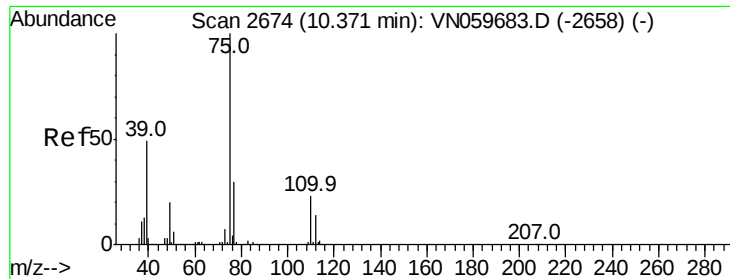
Tgt Ion: 92 Resp: 575706

Ion Ratio Lower Upper

92 100

91 172.8 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 82.867 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

Instrument :

MSVOA_X

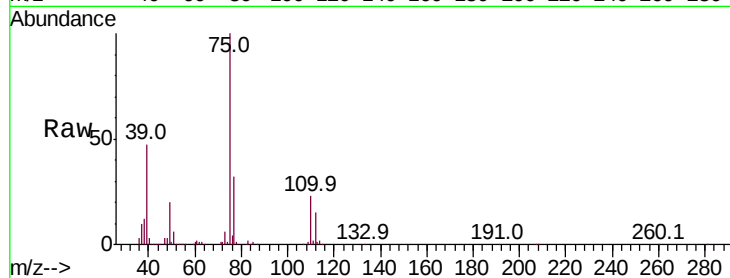
ClientSampled :

Tot Ion: 75 Resp: 413089

Ion Ratio Lower Upper

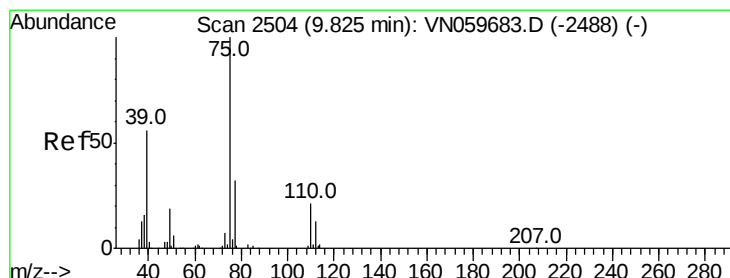
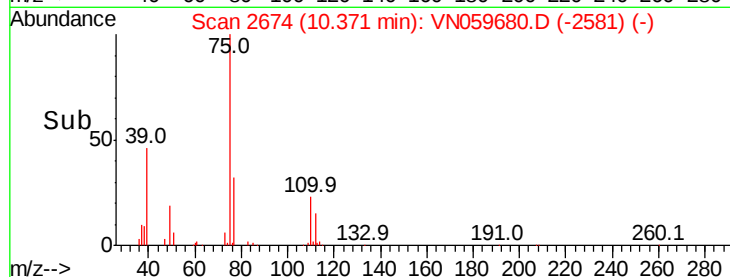
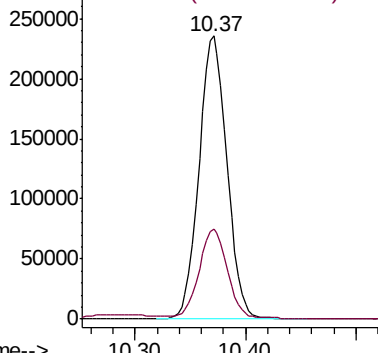
75 100

77 31.6 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 83.557 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. 0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

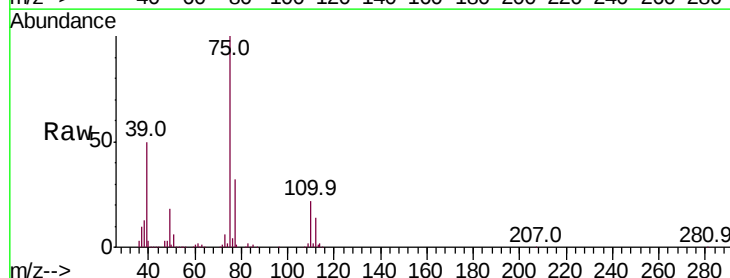
Tgt Ion: 75 Resp: 433586

Ion Ratio Lower Upper

75 100

77 32.1 25.6 38.4

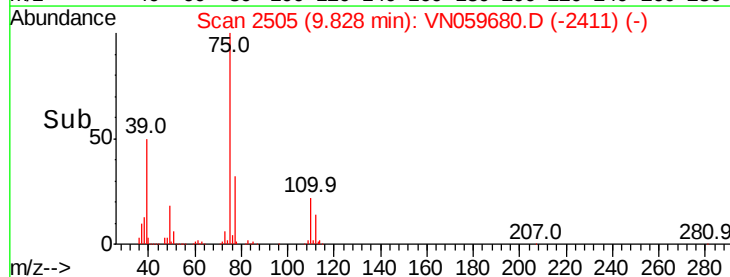
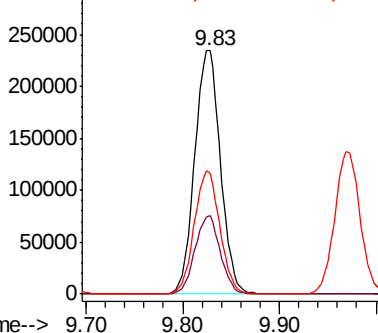
39 49.6 44.6 66.8

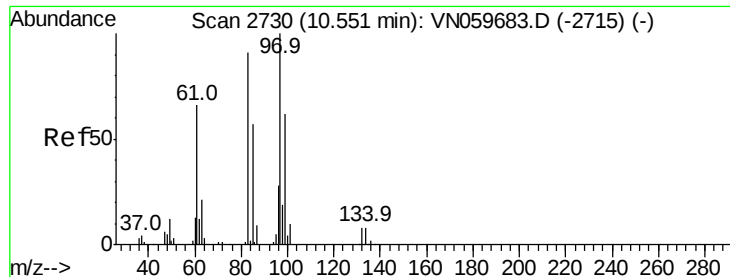


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 82.809 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 244062

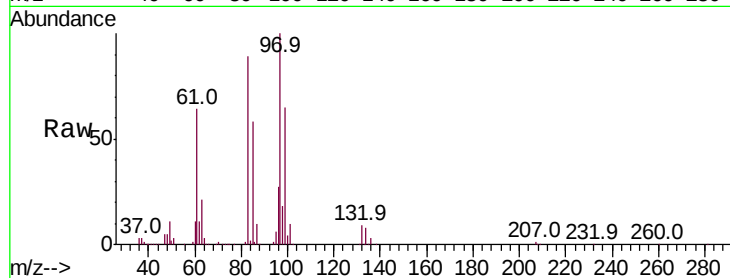
Ion Ratio Lower Upper

97 100

83 89.3 72.6 108.8

85 58.0 45.7 68.5

99 64.5 49.2 73.8

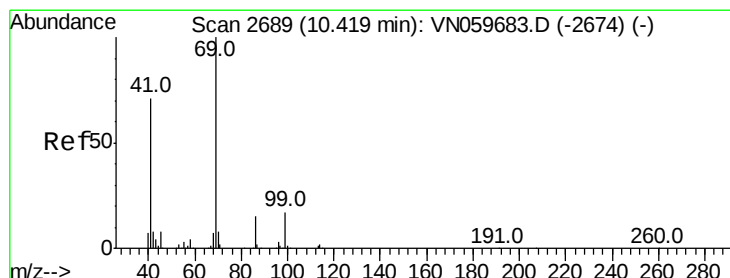
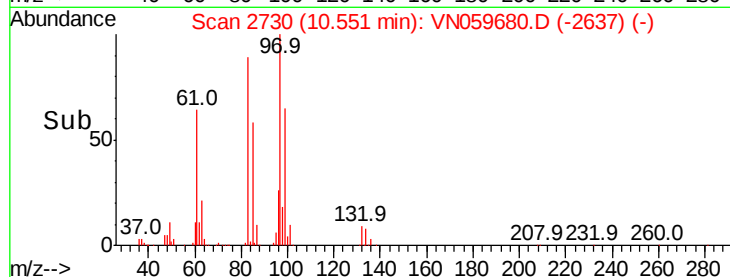
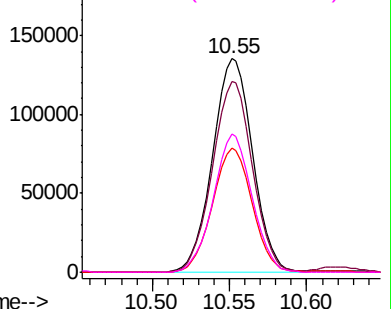


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 92.096 ug/l

RT: 10.42 min Scan# 2689

Delta R.T. 0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

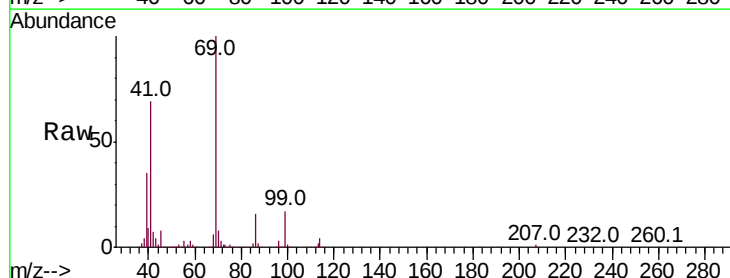
Tgt Ion: 69 Resp: 399411

Ion Ratio Lower Upper

69 100

41 68.6 56.7 85.1

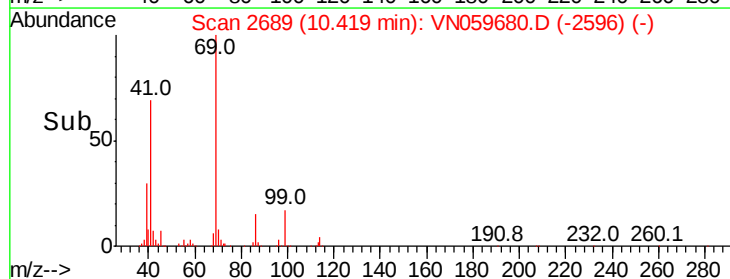
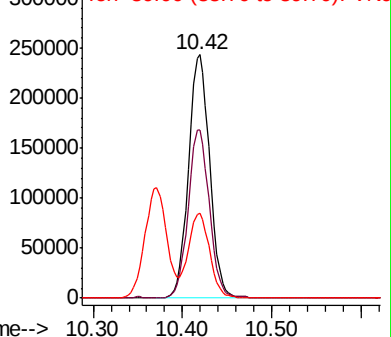
39 34.5 32.6 48.8

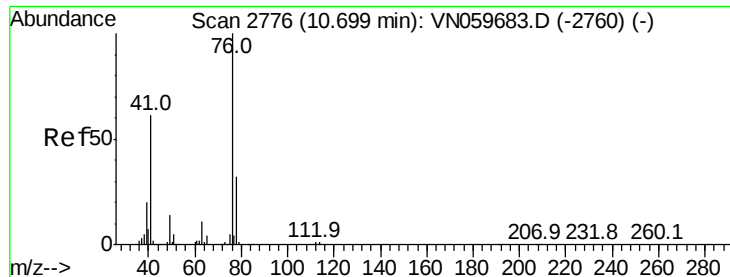


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 81.920 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

Instrument :

MSVOA_X

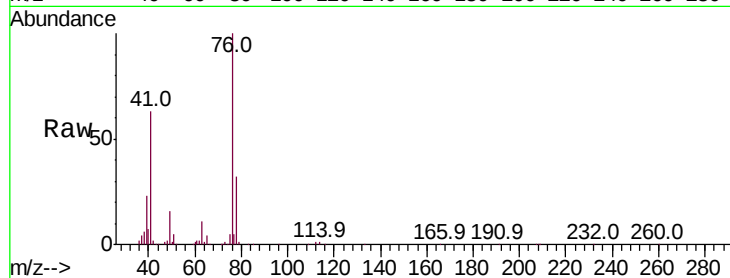
ClientSampleId :

Tot Ion: 76 Resp: 428022

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.70

250000

200000

150000

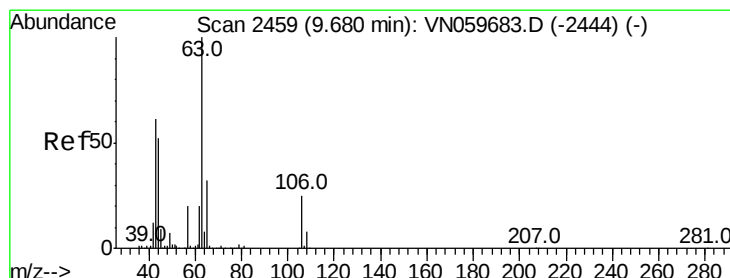
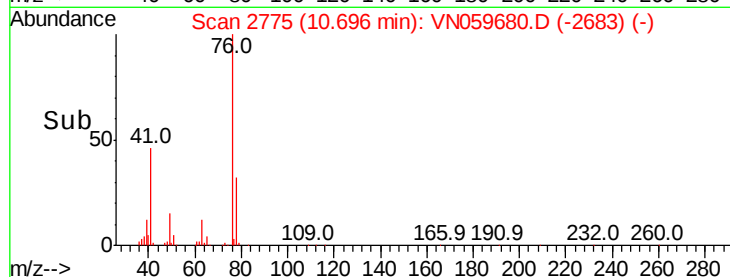
100000

50000

0

Time-->

10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 332.496 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059680.D

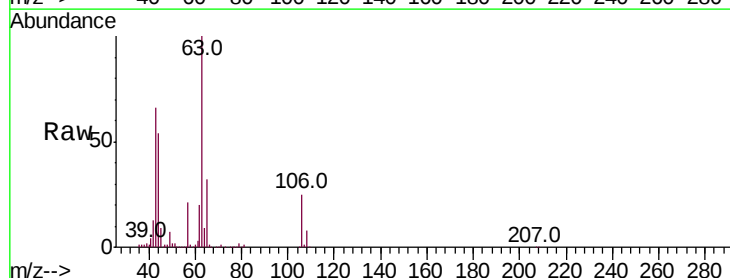
Acq: 20 Dec 2019 14:52

Tgt Ion: 63 Resp: 473042

Ion Ratio Lower Upper

63 100

106 24.8 19.9 29.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.68

300000

250000

200000

150000

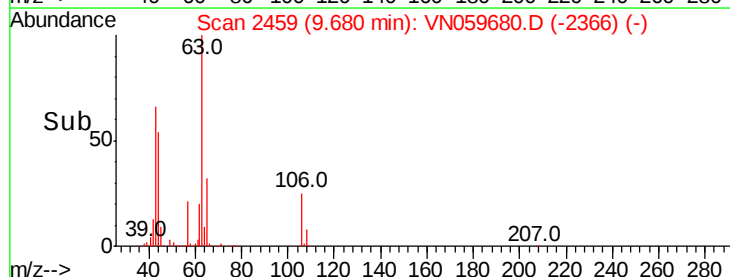
100000

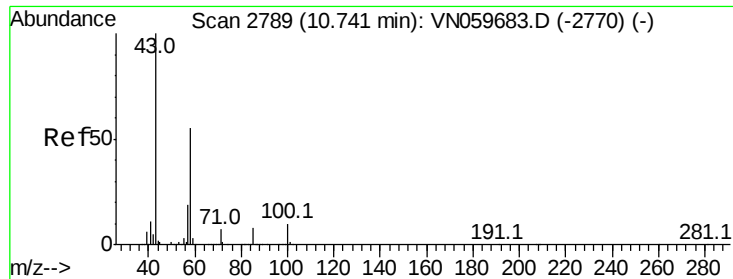
50000

0

Time-->

9.60 9.70 9.80

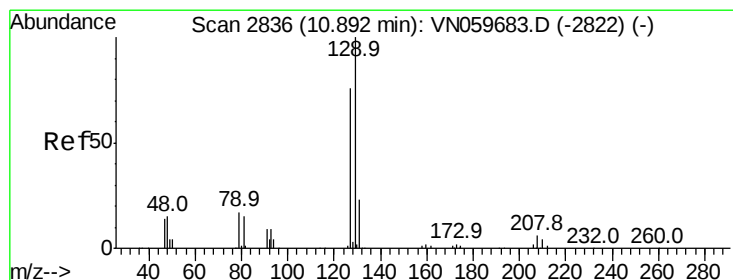
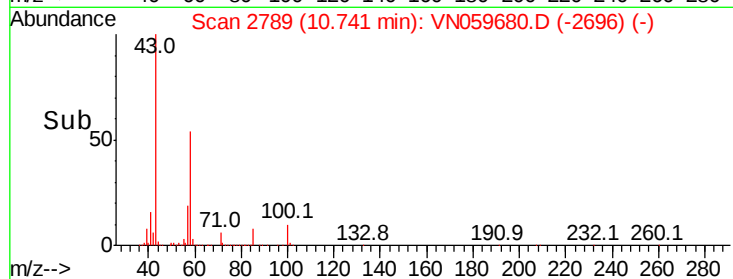
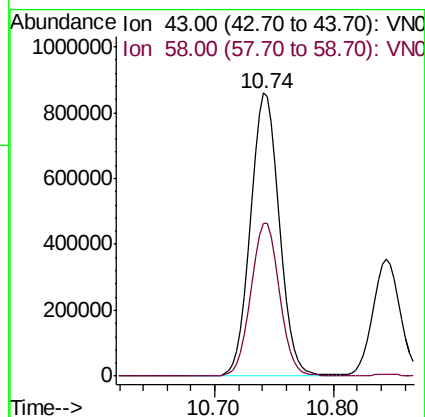
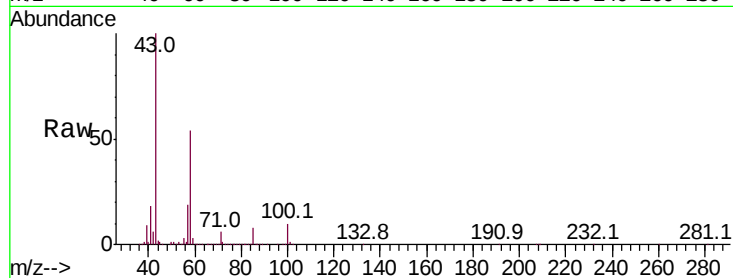




#59
2-Hexanone
Concen: 406.392 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059680.D
Acq: 20 Dec 2019 14:52

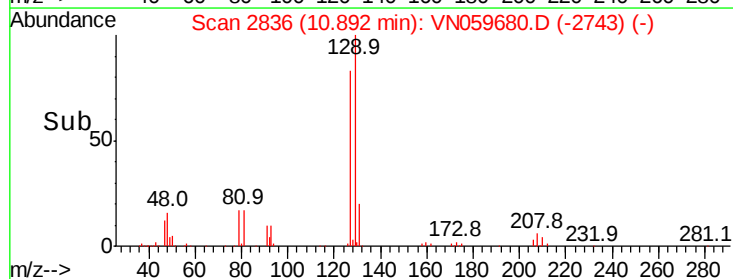
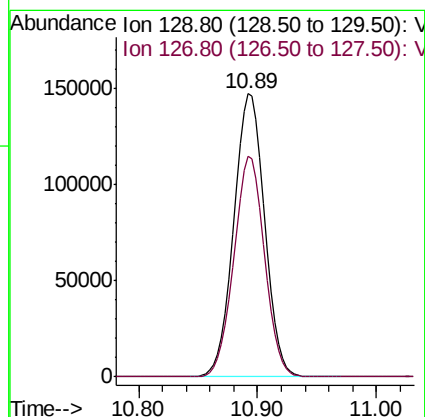
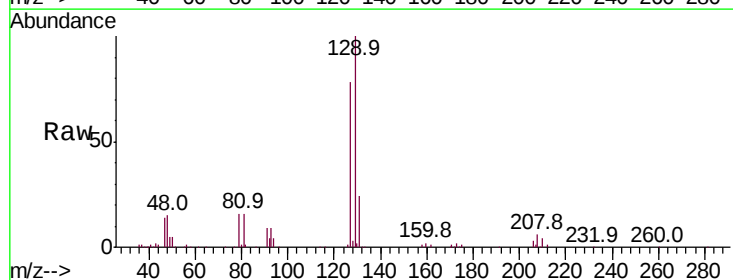
Instrument :
MSVOA_X
ClientSampled :

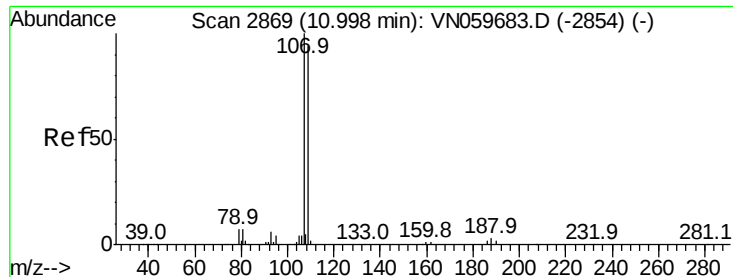
Tot Ion: 43 Resp: 1441036
Ion Ratio Lower Upper
43 100
58 53.8 27.6 82.7



#60
Dibromochloromethane
Concen: 81.825 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059680.D
Acq: 20 Dec 2019 14:52

Tgt Ion: 129 Resp: 264034
Ion Ratio Lower Upper
129 100
127 77.5 38.4 115.2

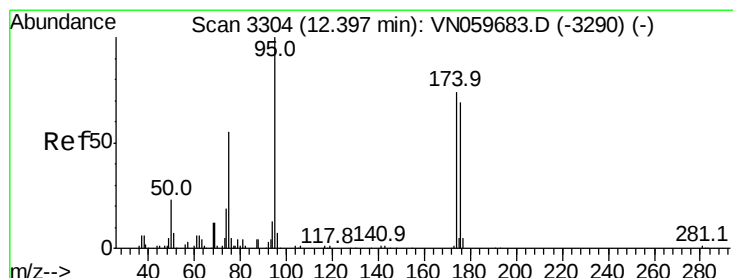
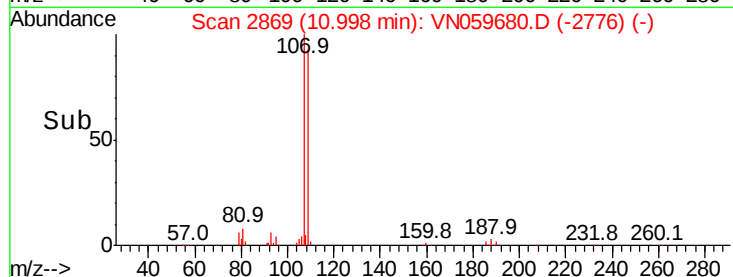
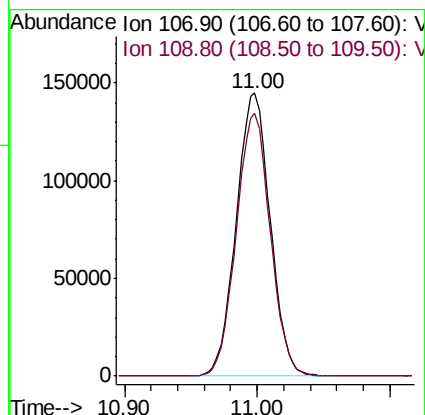
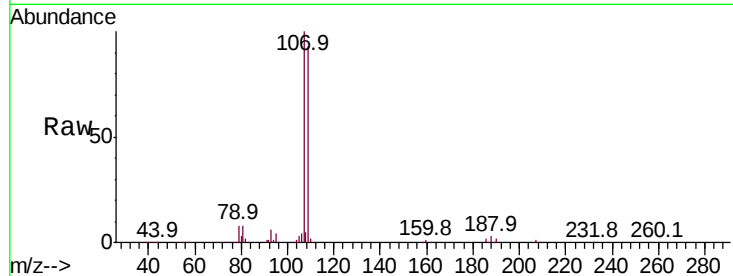




#61
 1,2-Dibromoethane
 Concen: 81.237 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN059680.D
 Acq: 20 Dec 2019 14:52

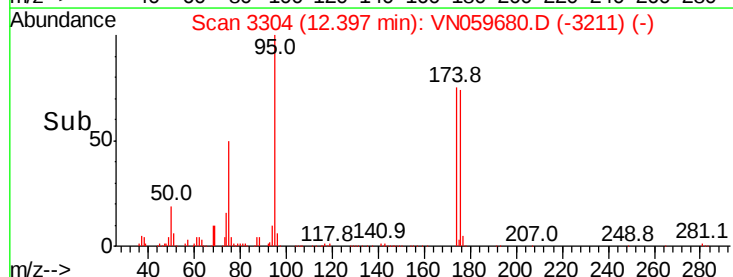
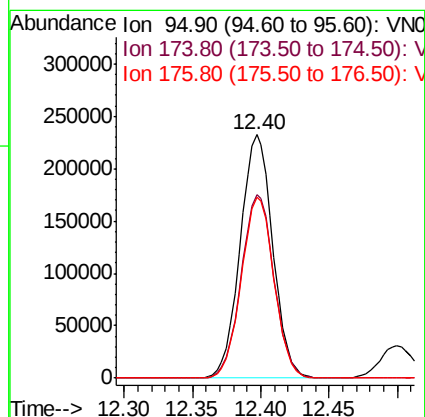
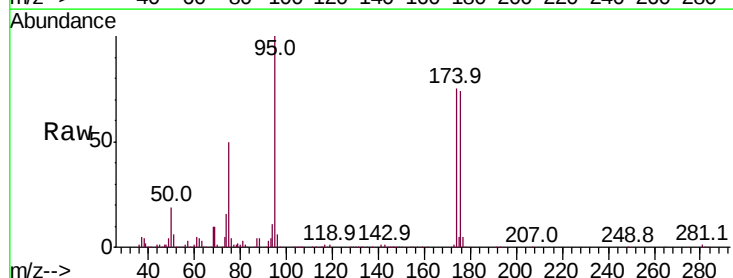
Instrument :
 MSVOA_X
 ClientSampleId :

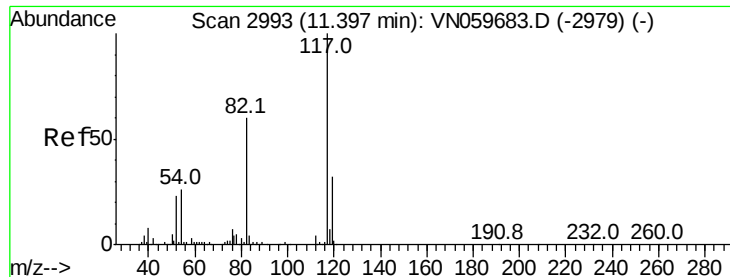
Tot Ion:107 Resp: 257303
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 112.938 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059680.D
 Acq: 20 Dec 2019 14:52

Tgt Ion: 95 Resp: 384201
 Ion Ratio Lower Upper
 95 100
 174 76.2 0.0 150.2
 176 74.5 0.0 144.0

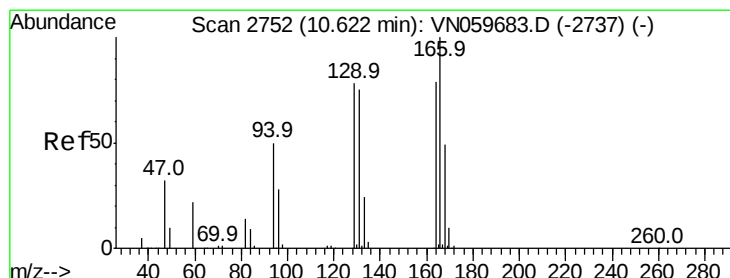
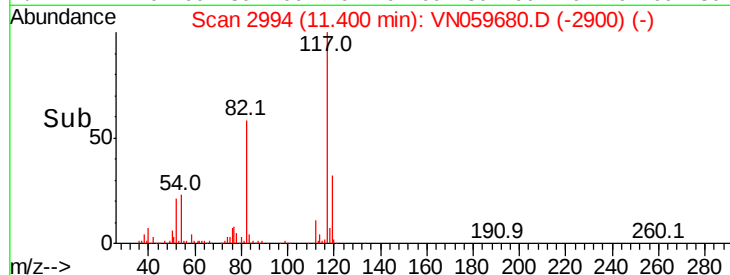
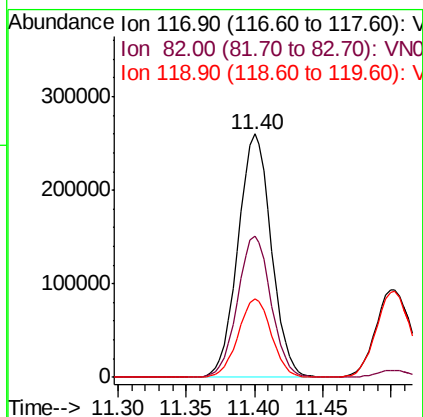
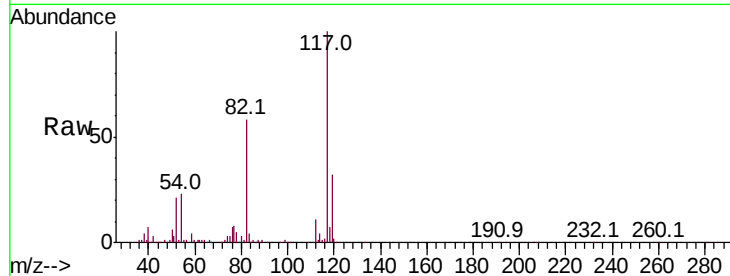




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059680.D
Acq: 20 Dec 2019 14:52

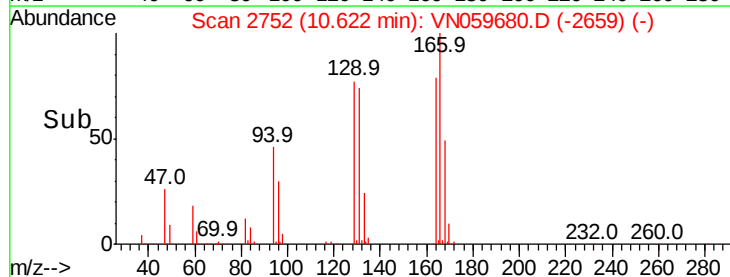
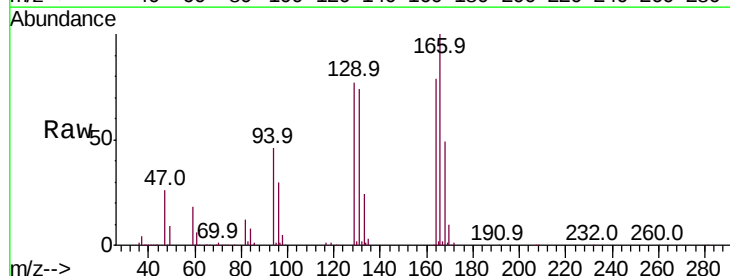
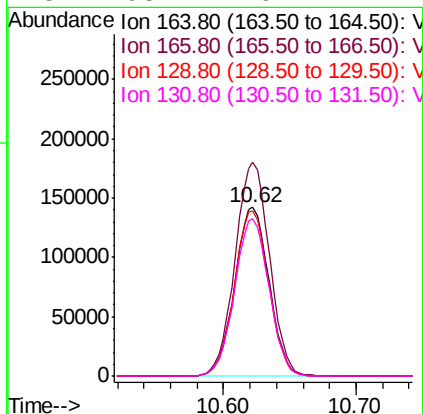
Instrument :
MSVOA_X
ClientSampleId :

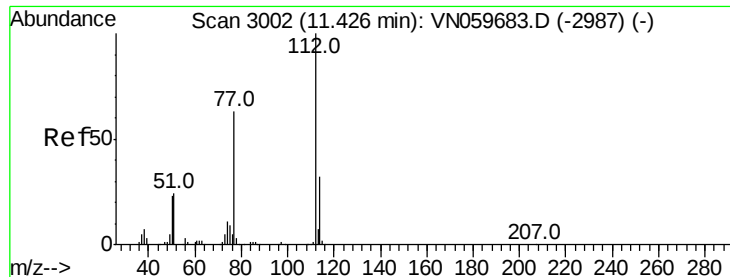
Tot Ion:117 Resp: 441832
Ion Ratio Lower Upper
117 100
82 58.1 48.2 72.2
119 32.0 25.4 38.2



#64
Tetrachloroethene
Concen: 63.158 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059680.D
Acq: 20 Dec 2019 14:52

Tgt Ion:164 Resp: 255094
Ion Ratio Lower Upper
164 100
166 126.6 101.4 152.0
129 97.7 79.2 118.8
131 93.2 76.2 114.2

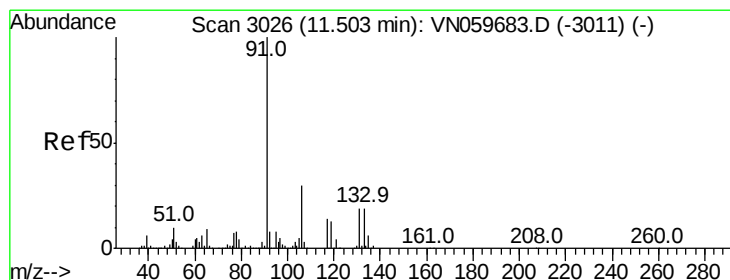
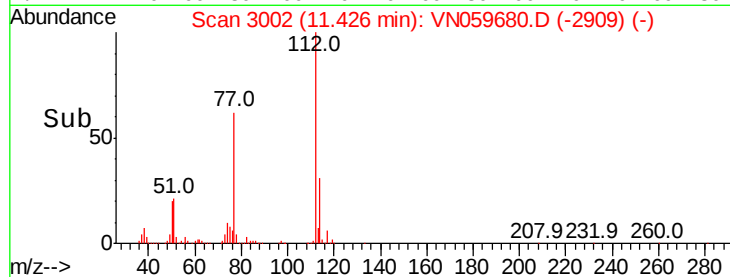
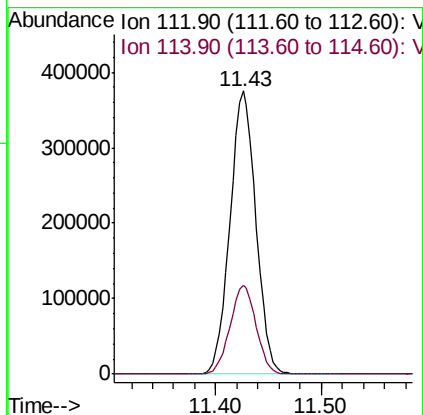
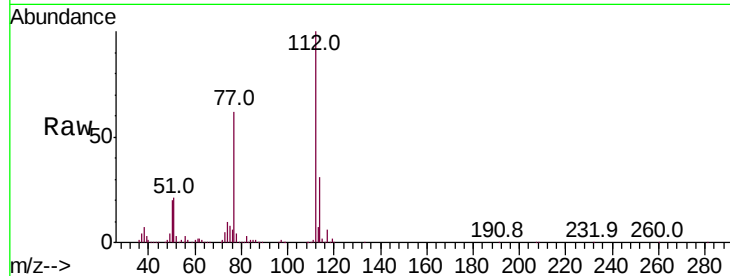




#65
Chlorobenzene
Concen: 67.554 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059680.D
Acq: 20 Dec 2019 14:52

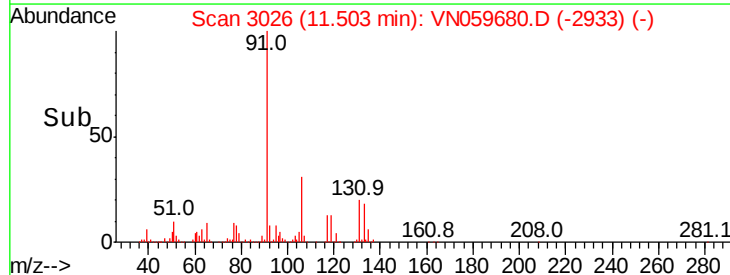
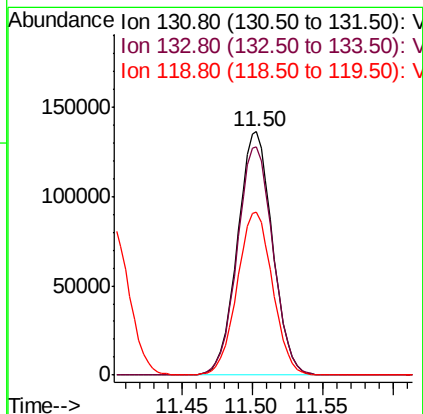
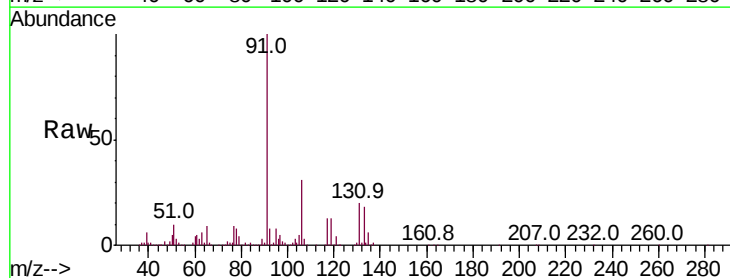
Instrument :
MSVOA_X
ClientSampleId :

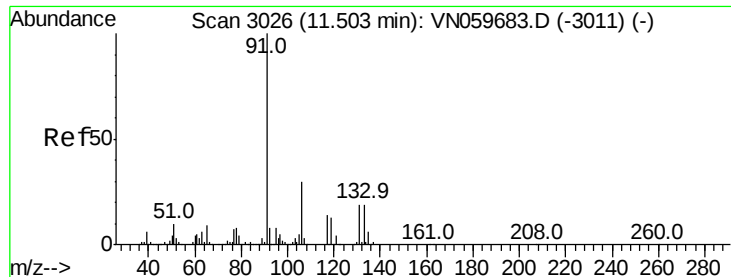
Tot Ion:112 Resp: 636042
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 64.666 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059680.D
Acq: 20 Dec 2019 14:52

Tgt Ion:131 Resp: 237174
Ion Ratio Lower Upper
131 100
133 95.9 48.0 144.0
119 67.9 33.5 100.4





#67

Ethyl Benzene

Concen: 67.362 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

Instrument :

MSVOA_X

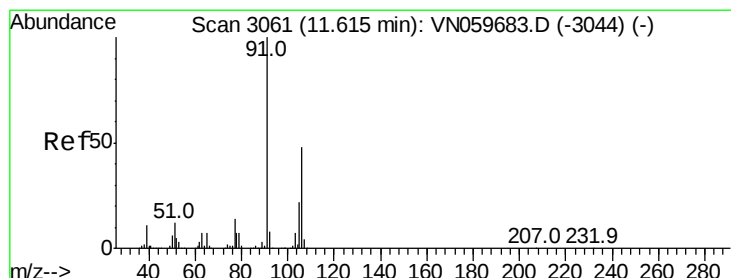
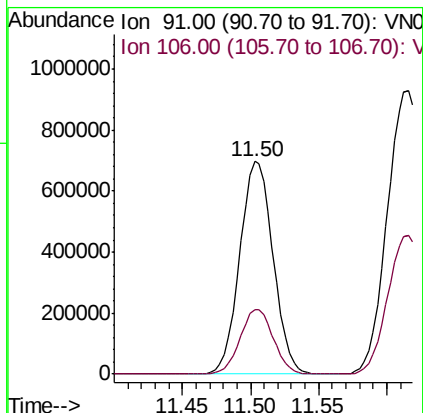
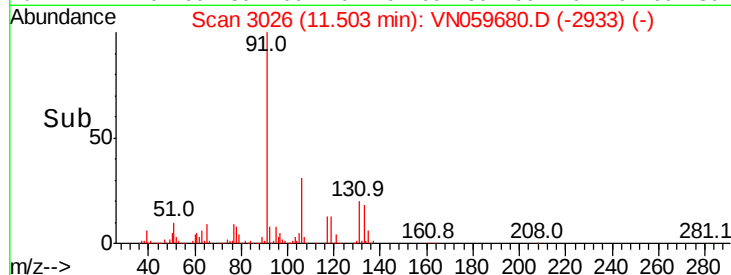
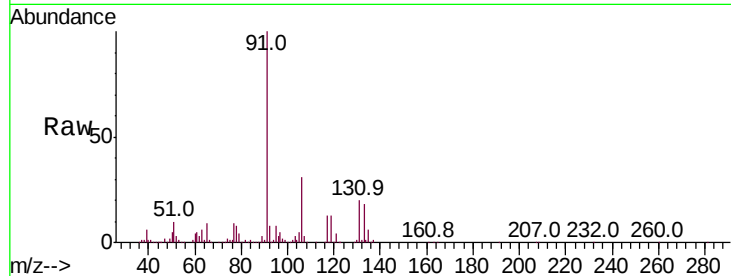
ClientSampled :

Tot Ion: 91 Resp: 1181330

Ion Ratio Lower Upper

91 100

106 30.6 24.2 36.4



#68

m/p-Xylenes

Concen: 143.803 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN059680.D

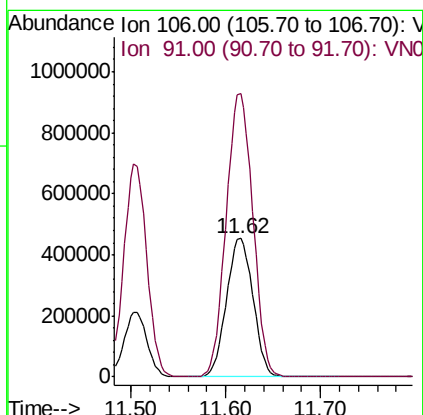
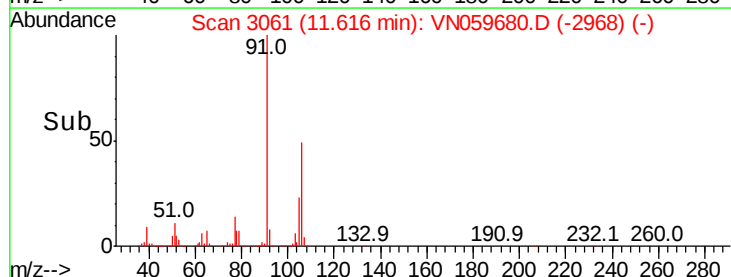
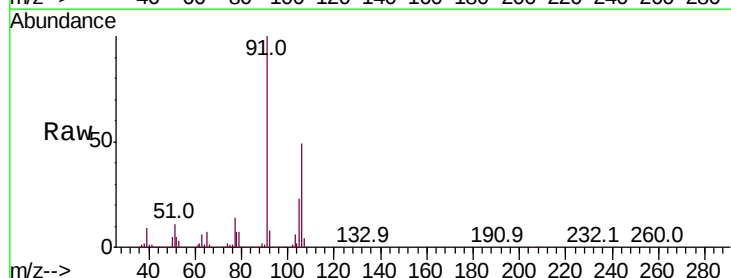
Acq: 20 Dec 2019 14:52

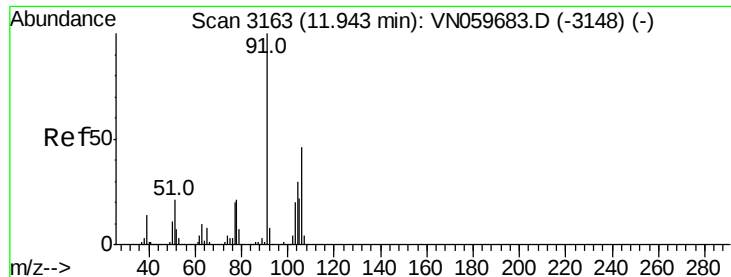
Tgt Ion: 106 Resp: 885686

Ion Ratio Lower Upper

106 100

91 205.6 167.9 251.9

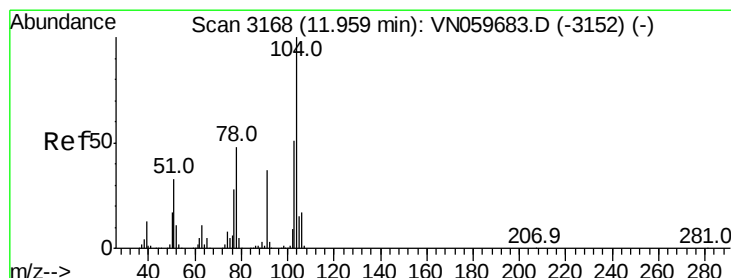
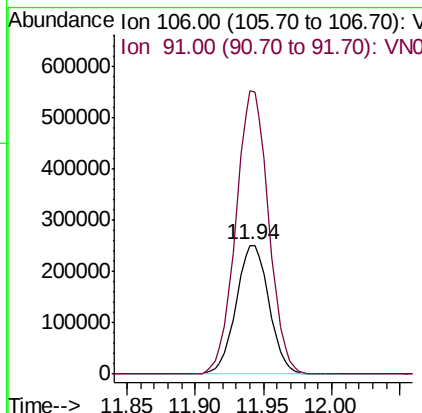
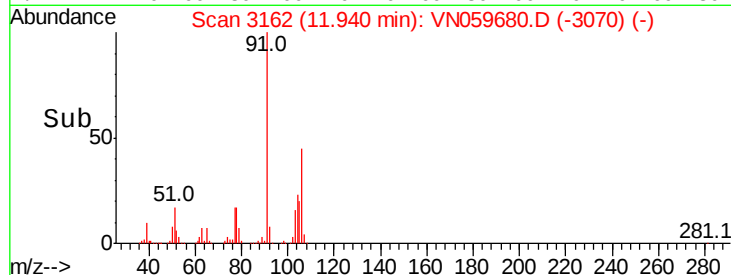
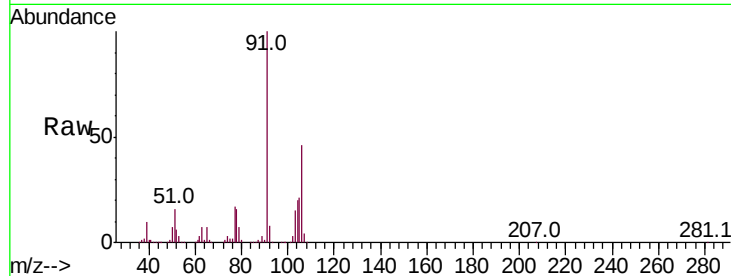




#69
o-Xylene
Concen: 73.093 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN059680.D
Acq: 20 Dec 2019 14:52

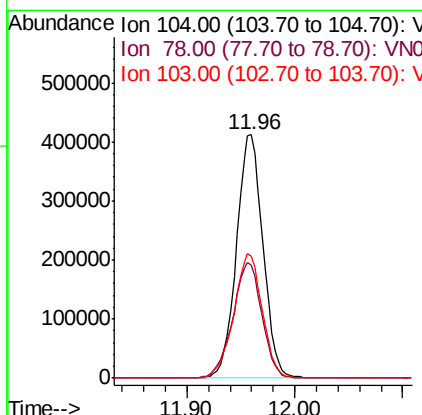
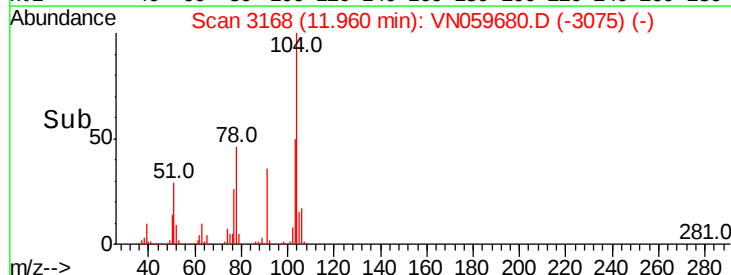
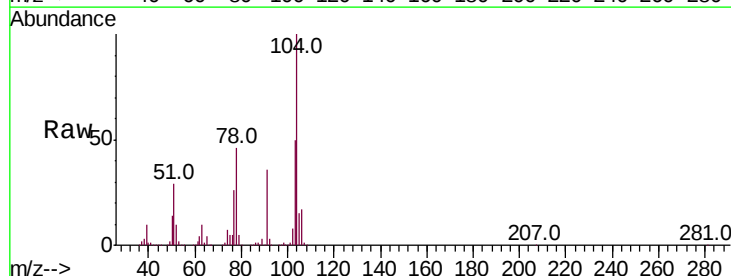
Instrument :
MSVOA_X
ClientSampled :

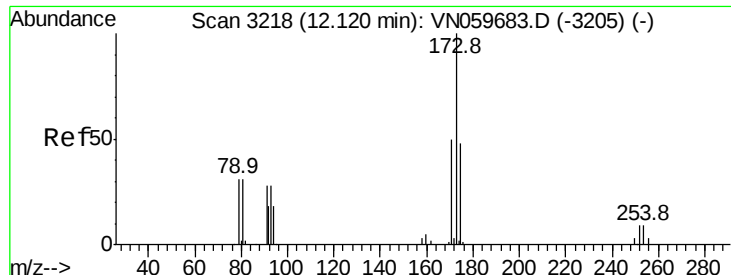
Tot Ion:106 Resp: 421449
Ion Ratio Lower Upper
106 100
91 218.4 110.3 330.9



#70
Styrene
Concen: 76.375 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN059680.D
Acq: 20 Dec 2019 14:52

Tgt Ion:104 Resp: 704885
Ion Ratio Lower Upper
104 100
78 52.4 43.7 65.5
103 54.8 45.6 68.4





#71

Bromoform

Concen: 74.327 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

Instrument :

MSVOA_X

ClientSampled :

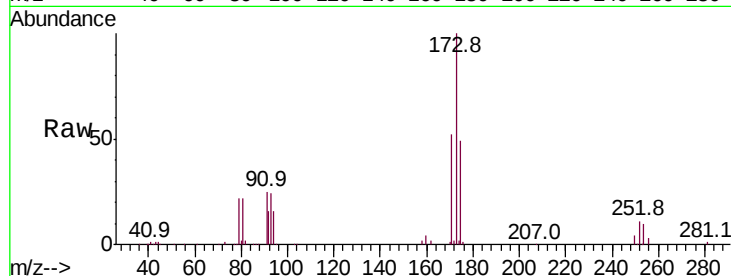
Tot Ion:173 Resp: 191722

Ion Ratio Lower Upper

173 100

175 48.3 24.3 72.9

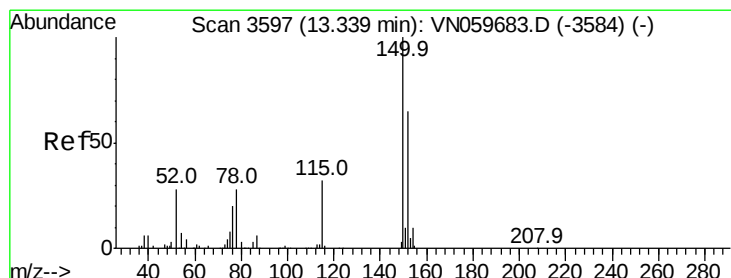
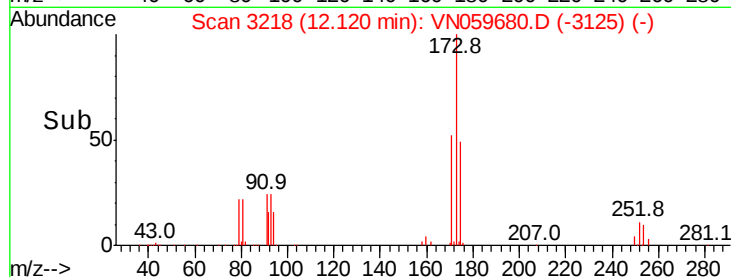
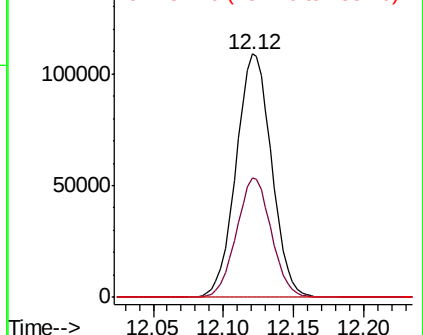
254 0.0 0.0 0.0#



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: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

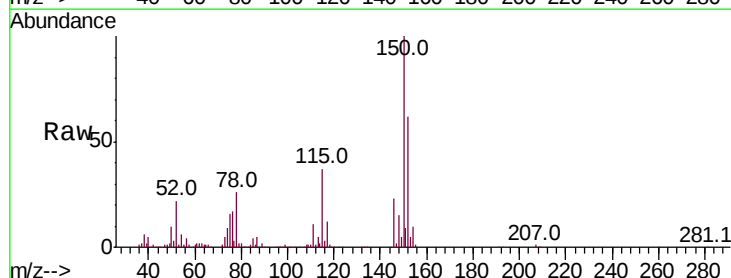
Tgt Ion:152 Resp: 217881

Ion Ratio Lower Upper

152 100

115 60.3 31.6 94.7

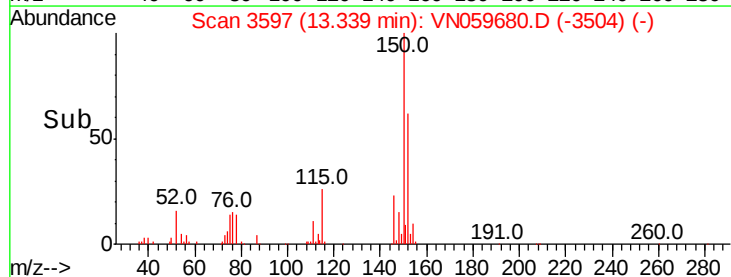
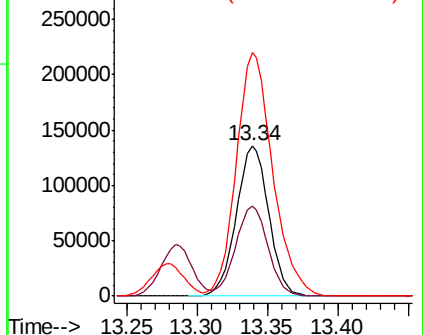
150 182.0 0.0 345.0

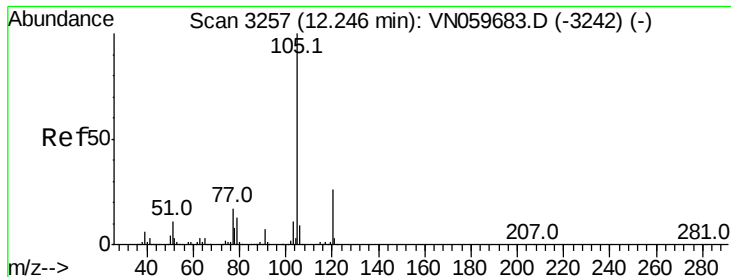


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 64.666 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

Instrument :

MSVOA_X

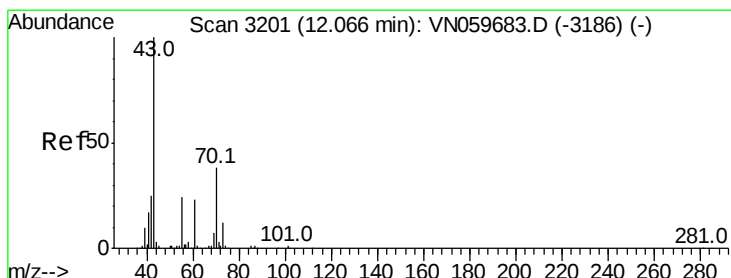
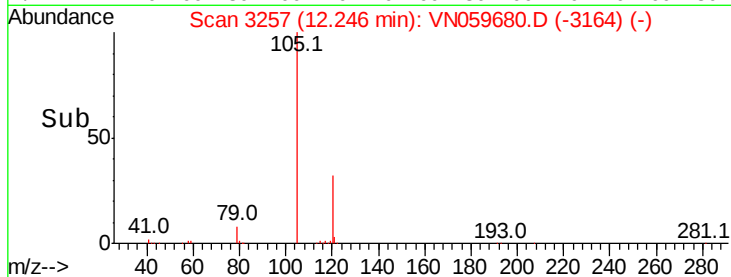
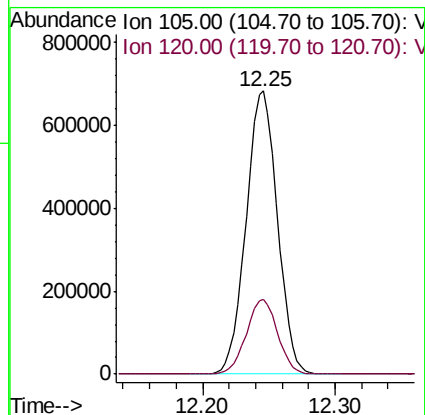
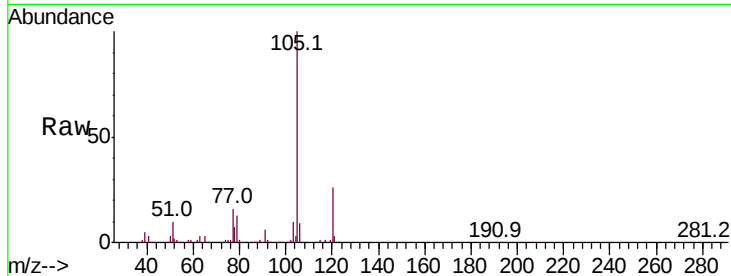
ClientSampleId :

Tot Ion:105 Resp: 1119218

Ion Ratio Lower Upper

105 100

120 26.2 13.0 39.0



#74

N-ethyl acetate

Concen: 68.559 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

Tgt Ion: 43 Resp: 541293

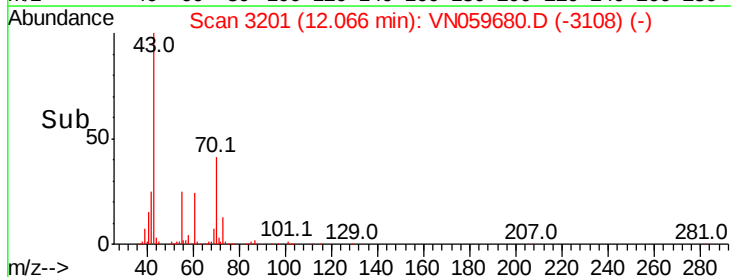
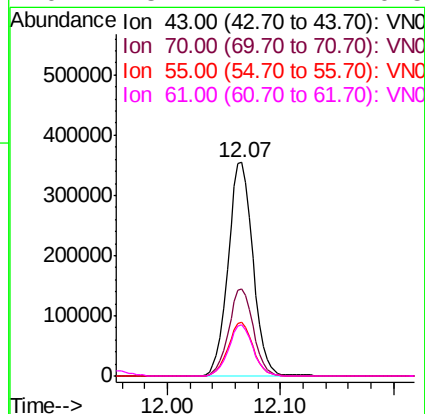
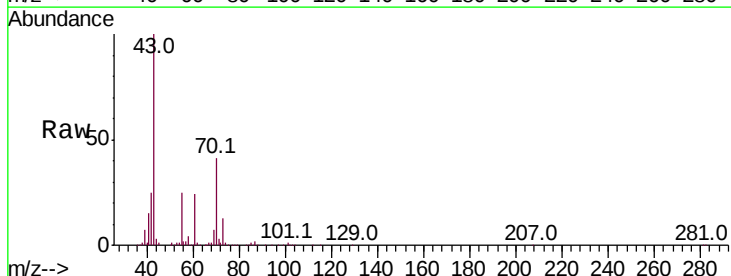
Ion Ratio Lower Upper

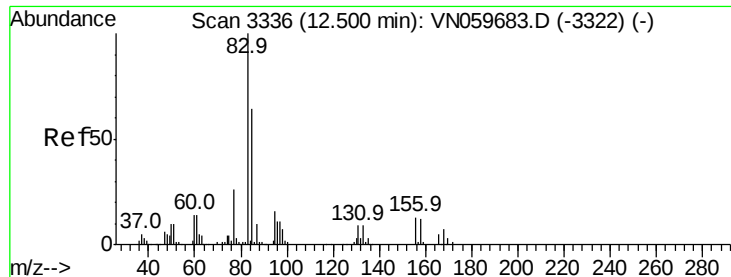
43 100

70 40.5 30.5 45.7

55 25.3 19.4 29.2

61 23.7 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 61.382 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

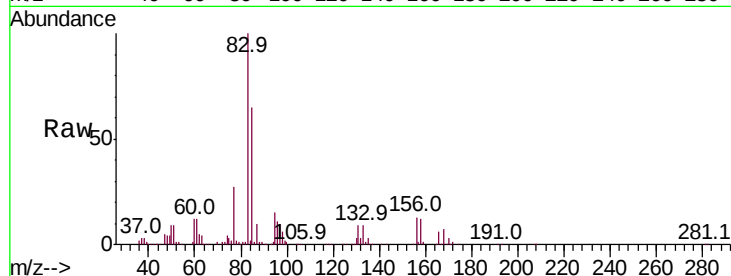
Tot Ion: 83 Resp: 340249

Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.7	14.1
85	64.2	31.8	95.3

83 100

131 9.8 4.7 14.1

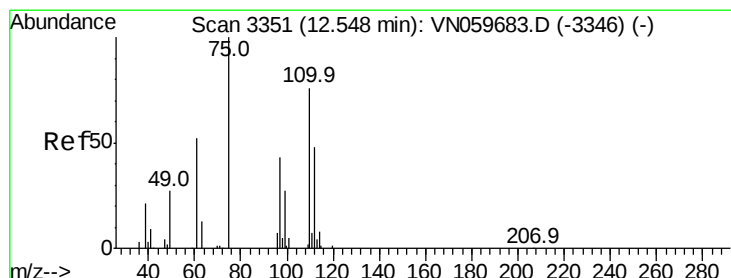
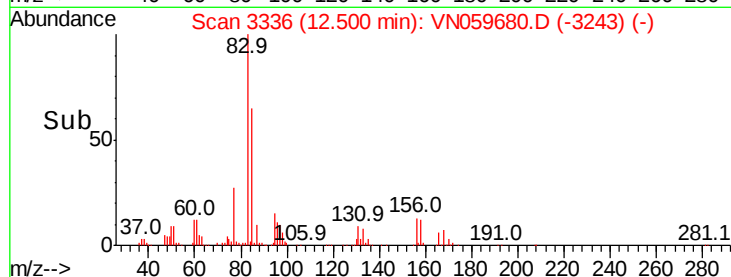
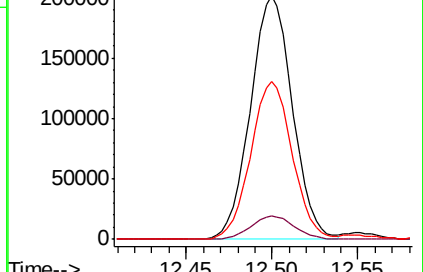
85 64.2 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 93.629 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059680.D

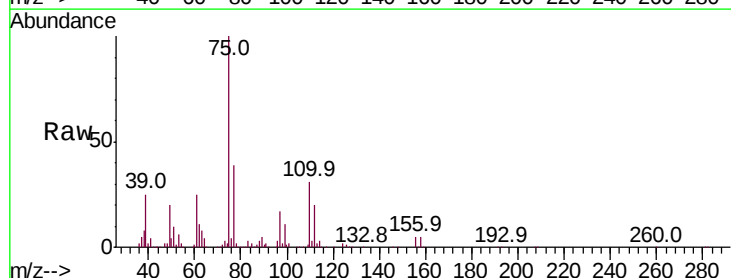
Acq: 20 Dec 2019 14:52

Tgt Ion: 75 Resp: 520597

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

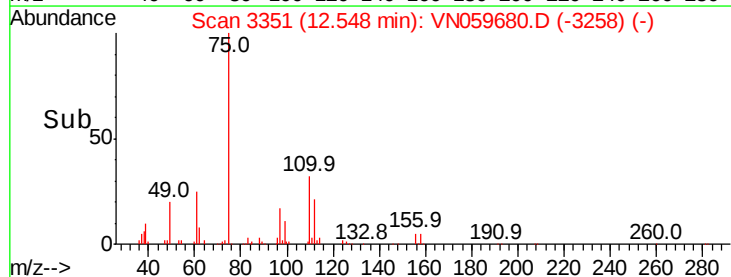
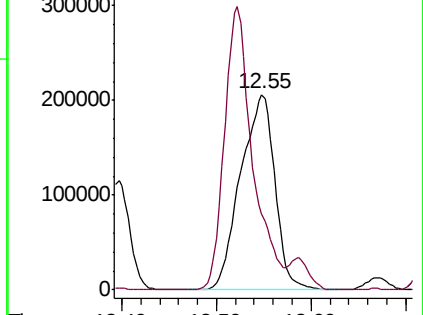
75 100

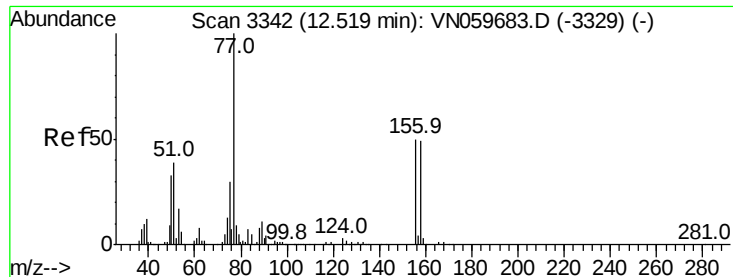
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

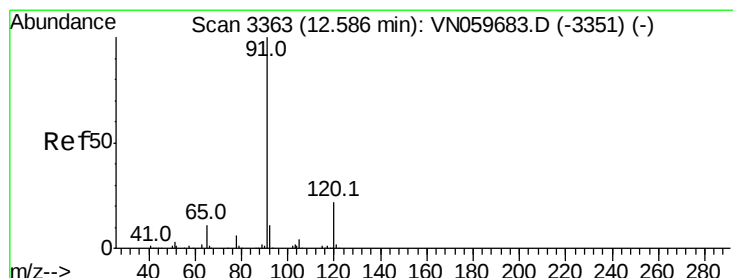
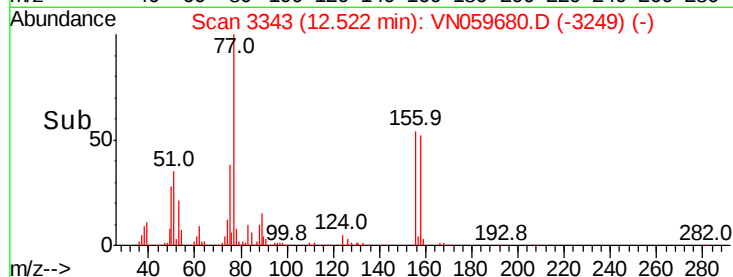
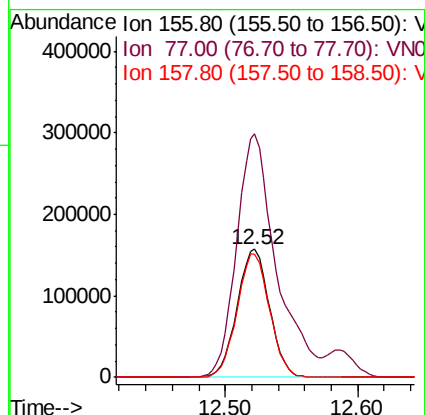
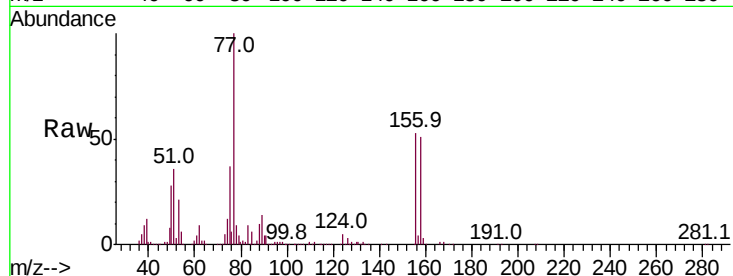




#77
Bromobenzene
Concen: 61.997 ug/l
RT: 12.52 min Scan# 3343
Delta R.T. 0.00 min
Lab File: VN059680.D
Acq: 20 Dec 2019 14:52

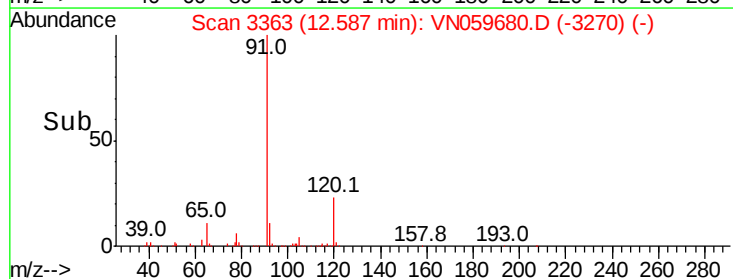
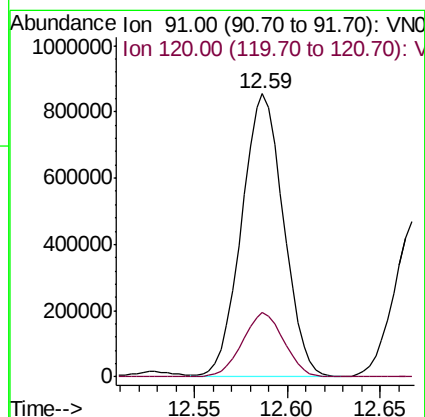
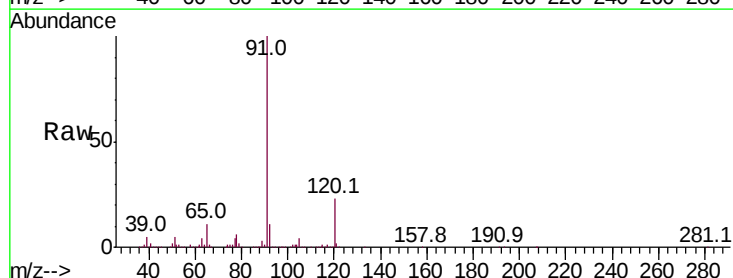
Instrument :
MSVOA_X
ClientSampleId :

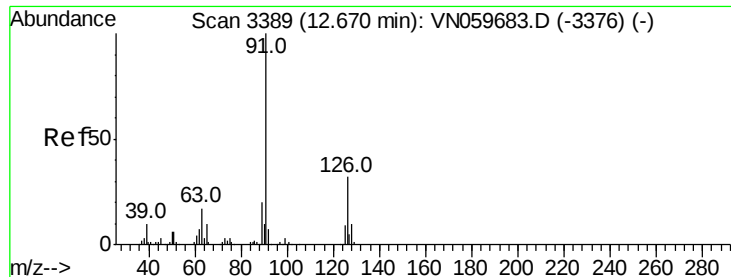
Tot Ion:156 Resp: 266236
Ion Ratio Lower Upper
156 100
77 234.4 120.8 362.5
158 96.6 48.5 145.5



#78
n-propylbenzene
Concen: 64.938 ug/l
RT: 12.59 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN059680.D
Acq: 20 Dec 2019 14:52

Tgt Ion: 91 Resp: 1341797
Ion Ratio Lower Upper
91 100
120 22.4 11.0 33.0





#79

2-Chlorotoluene

Concen: 63.532 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

Instrument :

MSVOA_X

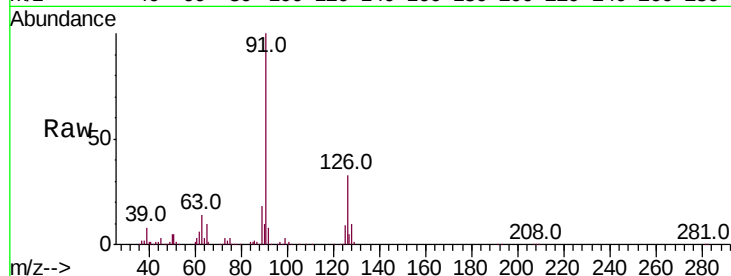
ClientSampled :

Tot Ion: 91 Resp: 792921

Ion Ratio Lower Upper

91 100

126 32.7 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VN059680.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN059680.D (-3376) (-)

800000

600000

400000

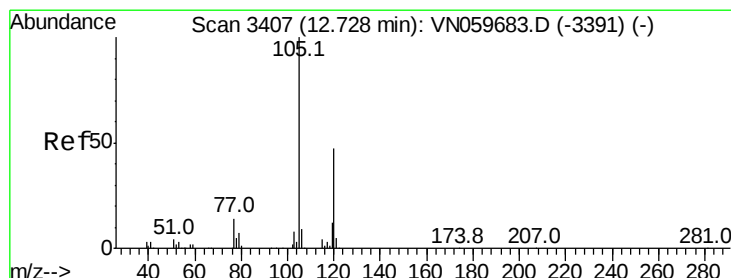
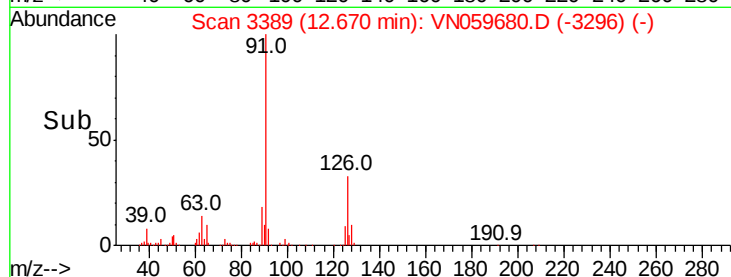
200000

0

12.60 12.65 12.70

12.67

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 64.487 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059680.D

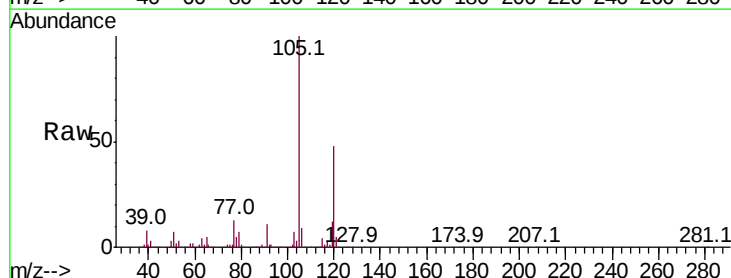
Acq: 20 Dec 2019 14:52

Tgt Ion:105 Resp: 959140

Ion Ratio Lower Upper

105 100

120 48.2 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): VN059680.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN059680.D (-3391) (-)

600000

400000

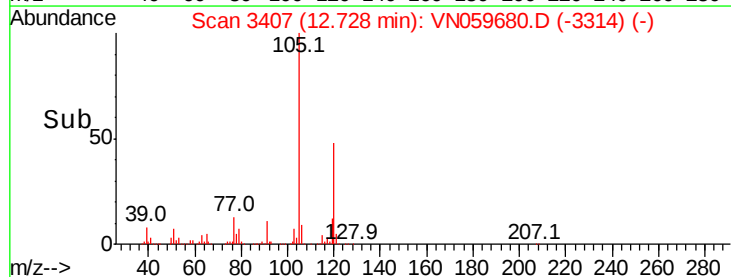
200000

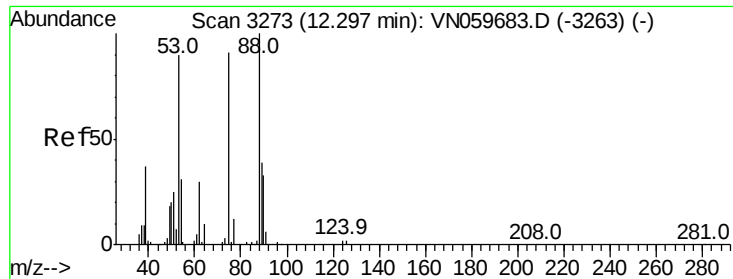
0

12.70 12.80

12.73

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 66.153 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

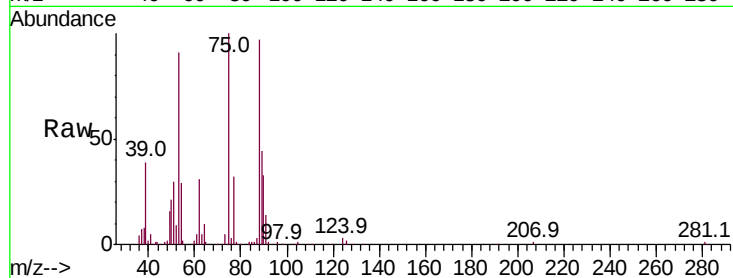
Tot Ion: 75 Resp: 147283

Ion Ratio Lower Upper

75 100

53 89.9 79.6 119.4

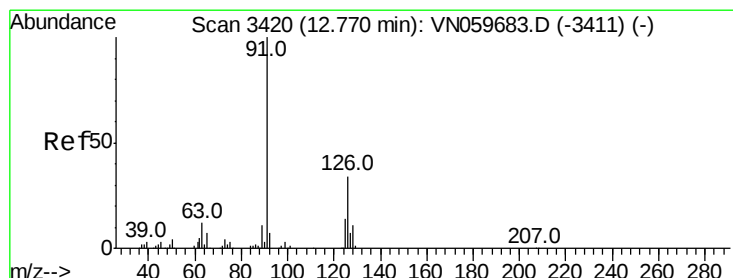
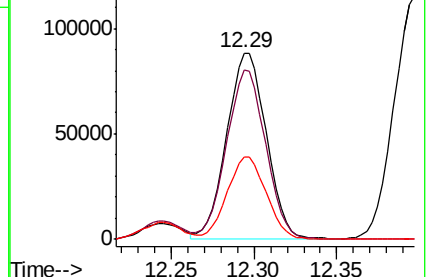
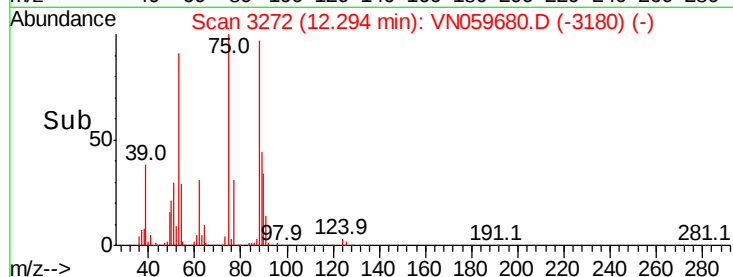
89 43.8 35.4 53.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 64.113 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN059680.D

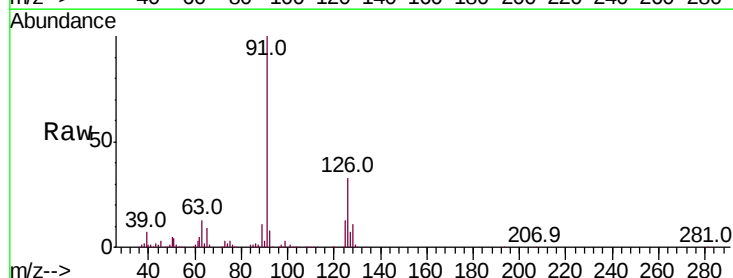
Acq: 20 Dec 2019 14:52

Tgt Ion: 91 Resp: 825824

Ion Ratio Lower Upper

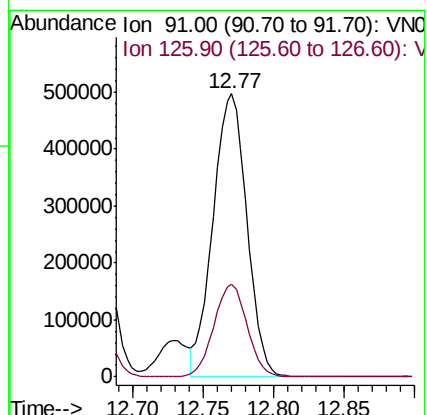
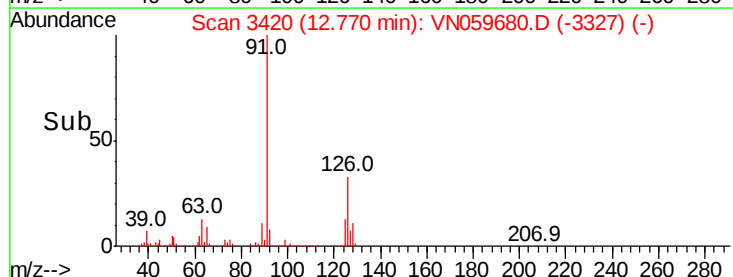
91 100

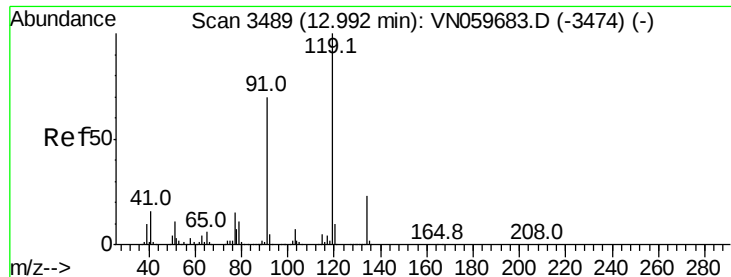
126 32.2 15.8 47.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 64.594 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. -0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

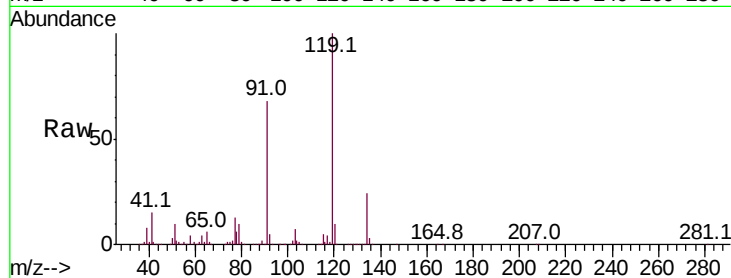
Tot Ion:119 Resp: 800716

Ion Ratio Lower Upper

119 100

91 66.5 35.1 105.5

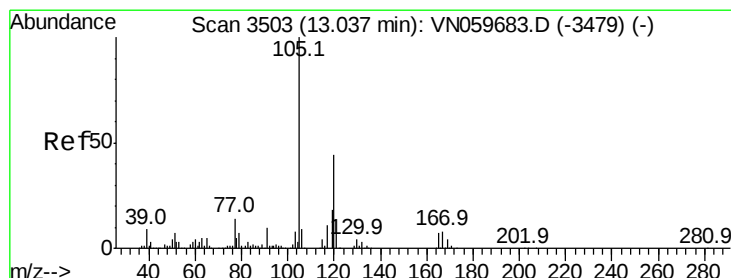
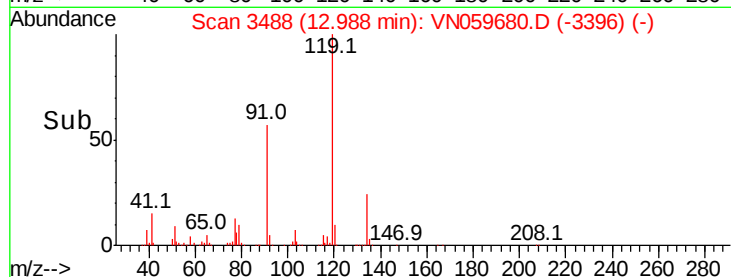
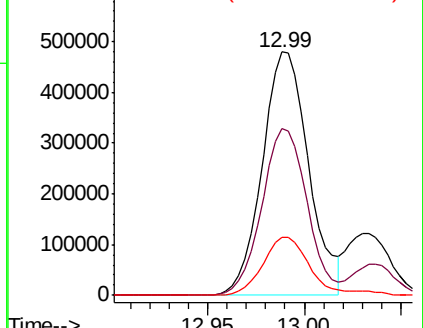
134 24.6 11.6 34.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 64.975 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN059680.D

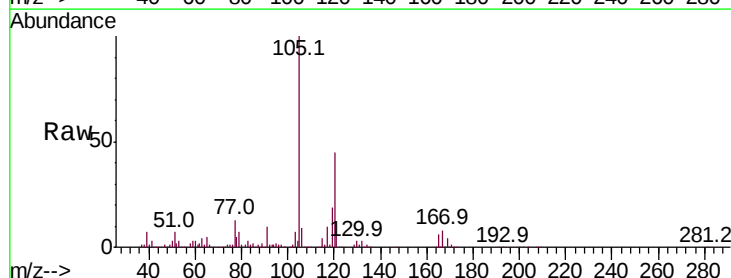
Acq: 20 Dec 2019 14:52

Tgt Ion:105 Resp: 963540

Ion Ratio Lower Upper

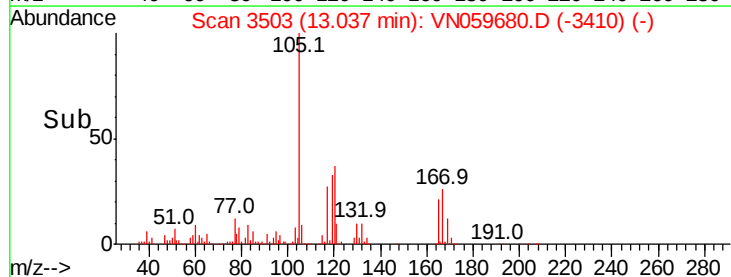
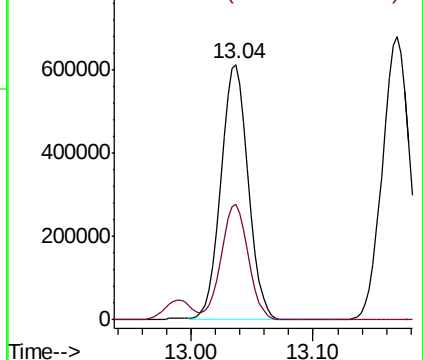
105 100

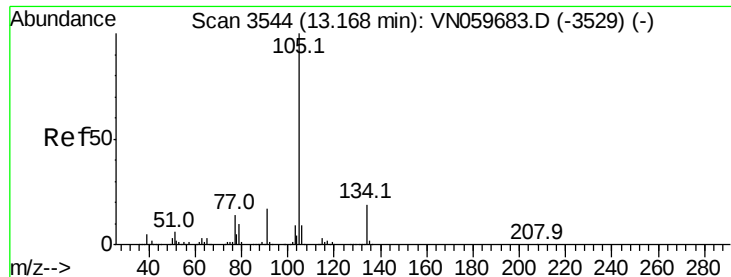
120 45.2 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 64.009 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

Instrument :

MSVOA_X

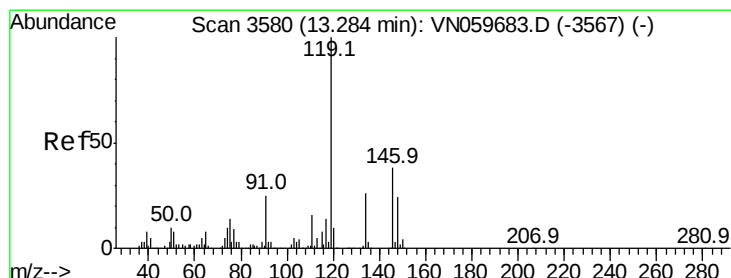
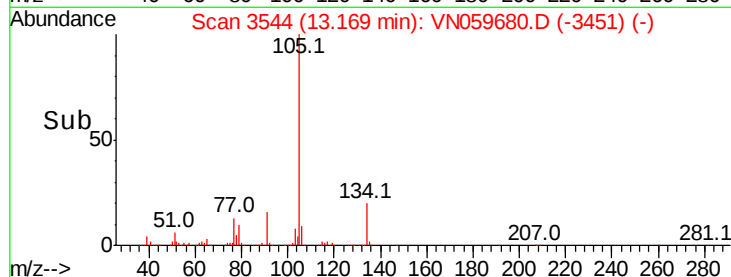
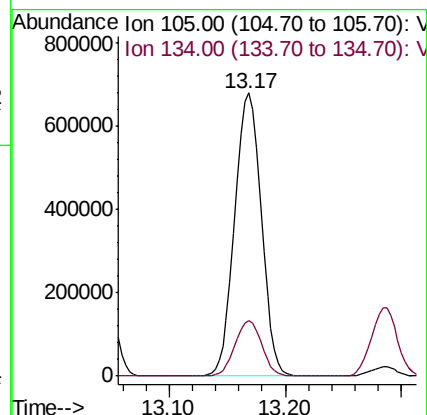
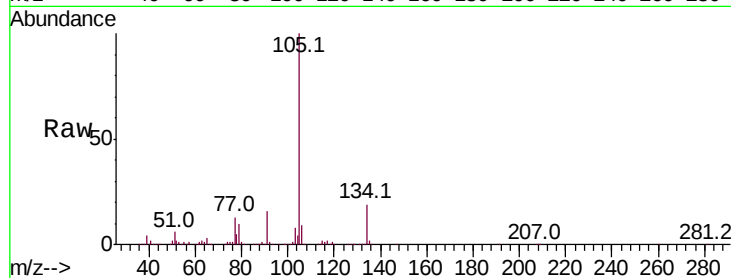
ClientSampleId :

Tot Ion:105 Resp: 1073694

Ion Ratio Lower Upper

105 100

134 19.5 9.4 28.3



#86

p-Isopropyltoluene

Concen: 66.475 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

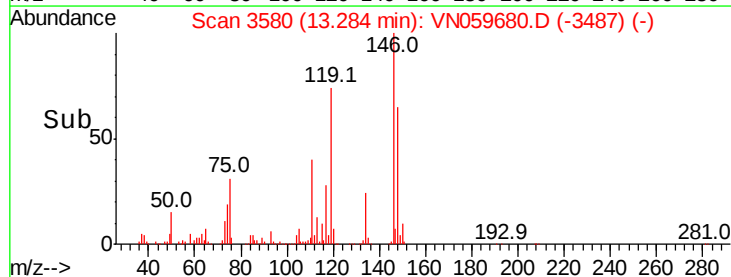
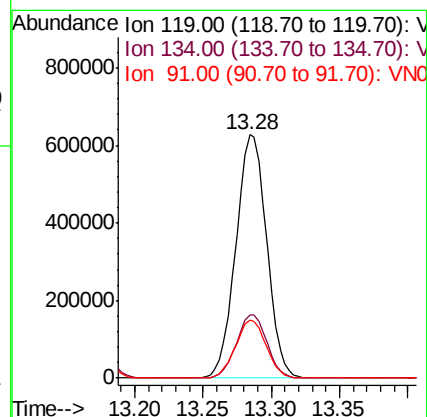
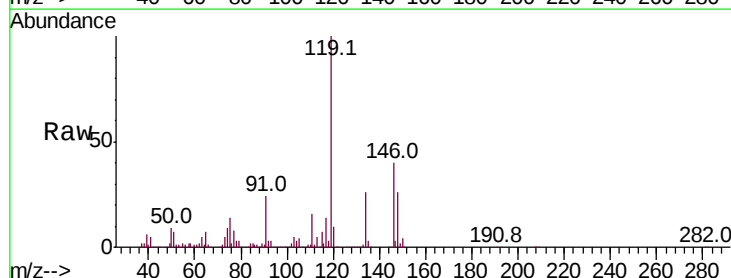
Tgt Ion:119 Resp: 981507

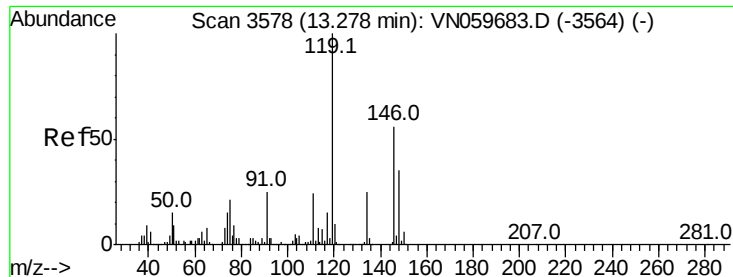
Ion Ratio Lower Upper

119 100

134 25.9 12.8 38.4

91 23.7 12.6 37.6

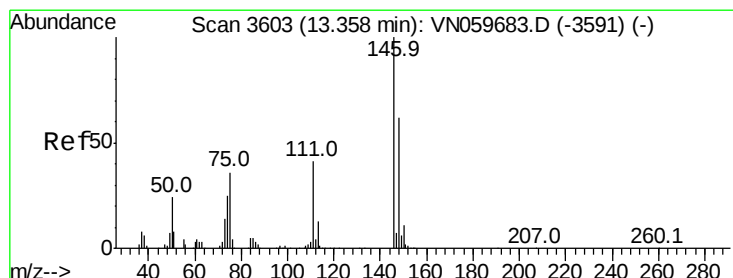
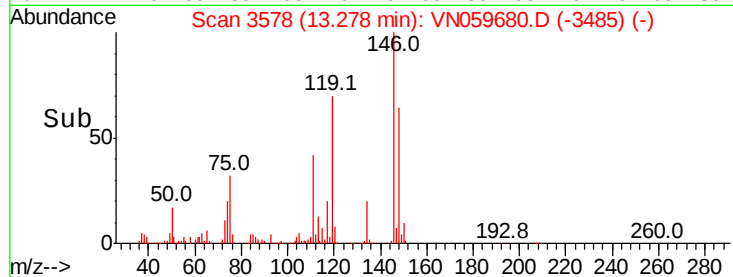
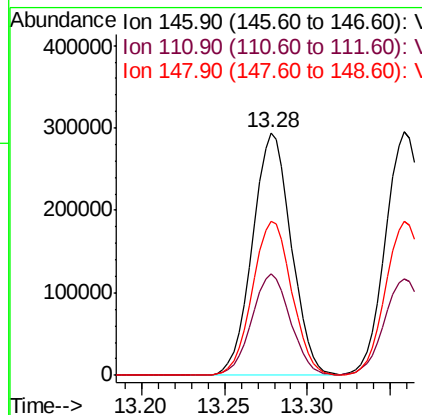
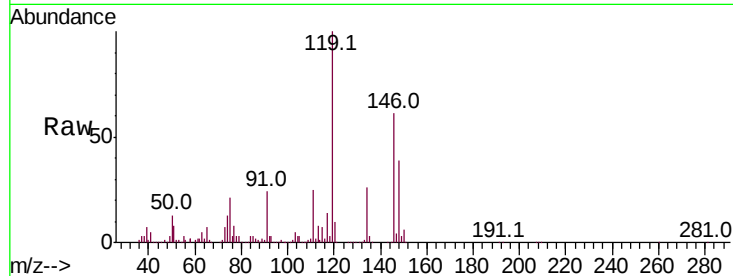




#87
 1,3-Dichlorobenzene
 Concen: 61.979 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN059680.D
 Acq: 20 Dec 2019 14:52

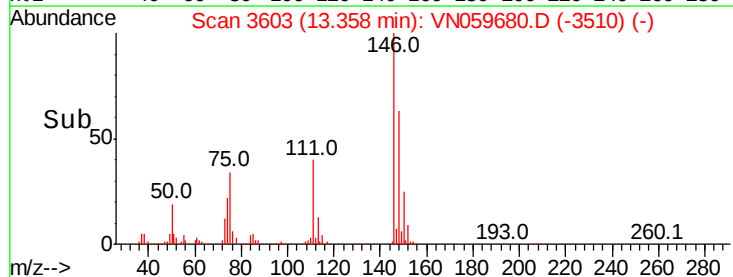
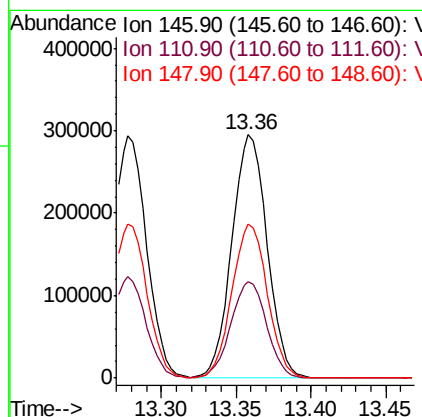
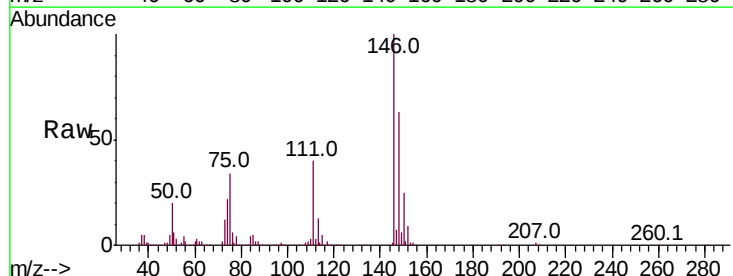
Instrument :
 MSVOA_X
 ClientSampleId :

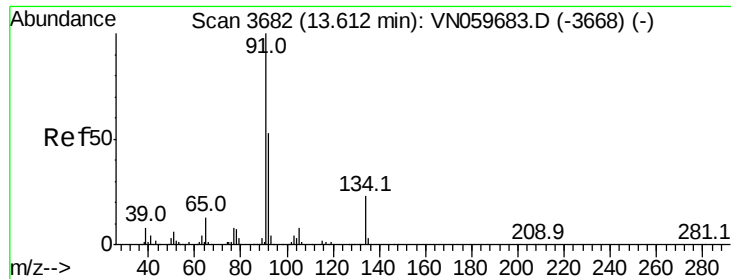
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.3	63.9
148	64.6	31.4	94.2



#88
 1,4-Dichlorobenzene
 Concen: 62.635 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN059680.D
 Acq: 20 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	21.3	63.7
148	63.6	31.6	94.8

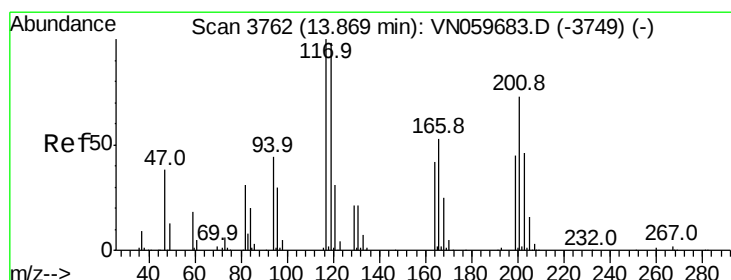
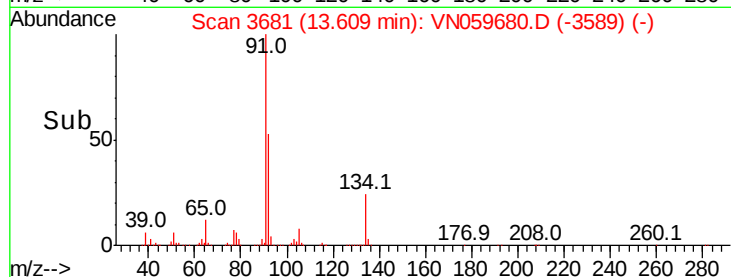
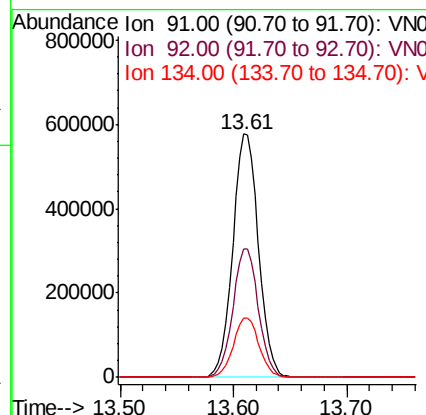
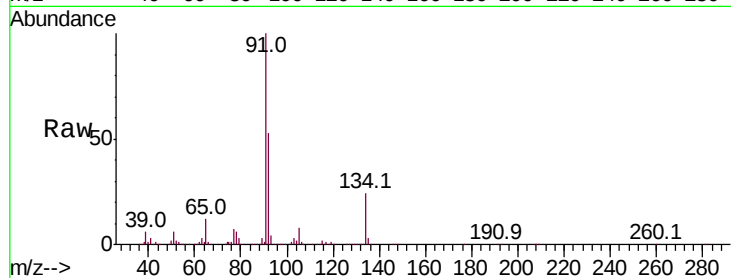




#89
n-Butylbenzene
Concen: 65.861 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN059680.D
Acq: 20 Dec 2019 14:52

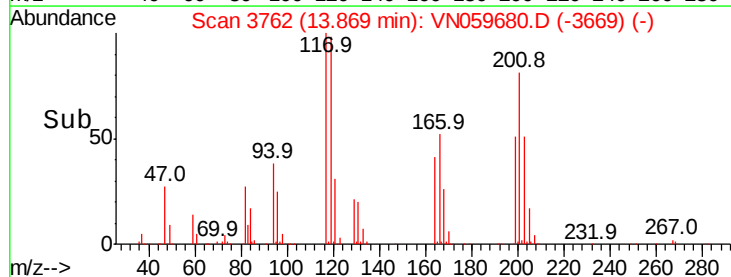
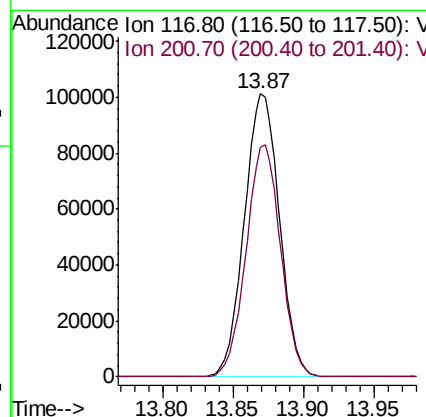
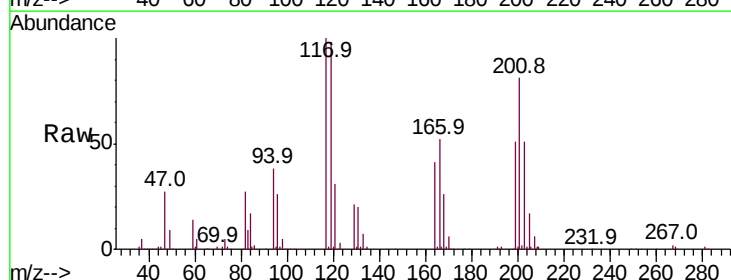
Instrument :
MSVOA_X
ClientSampleId :

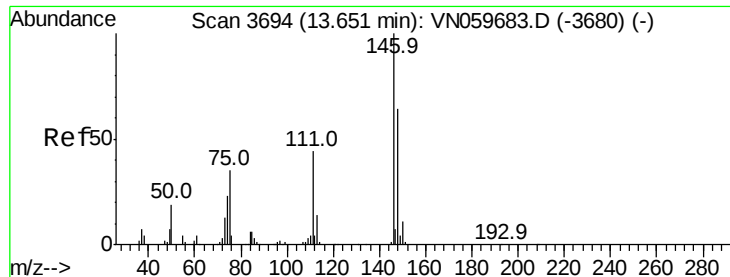
Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	25.9	77.6
134	24.5	11.6	34.7



#90
Hexachloroethane
Concen: 62.450 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN059680.D
Acq: 20 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.5	36.2	108.6





#91

1,2-Dichlorobenzene

Concen: 63.251 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

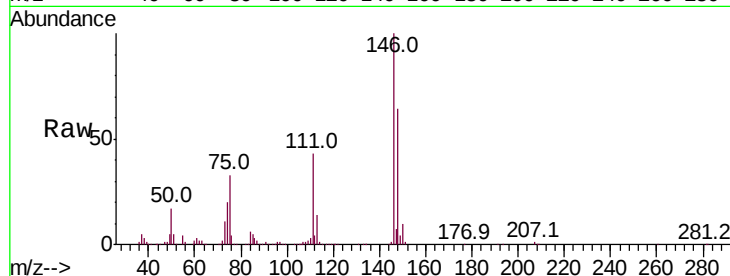
Tot Ion:146 Resp: 477011

Ion Ratio Lower Upper

146 100

111 43.1 22.2 66.6

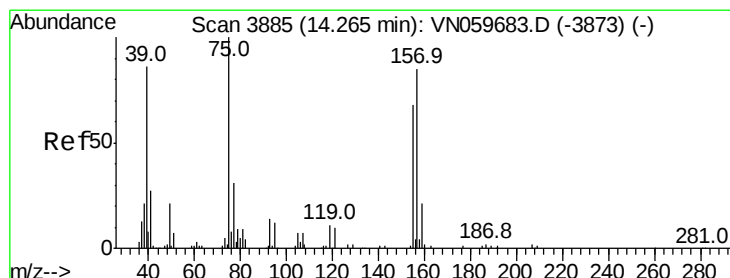
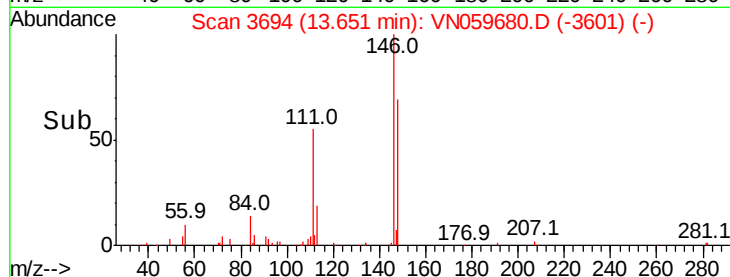
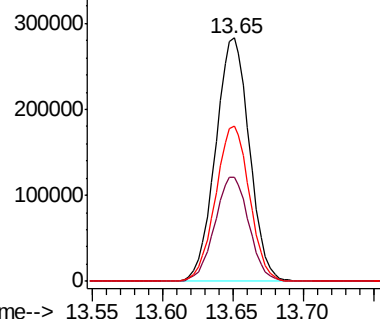
148 63.9 32.1 96.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.744 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

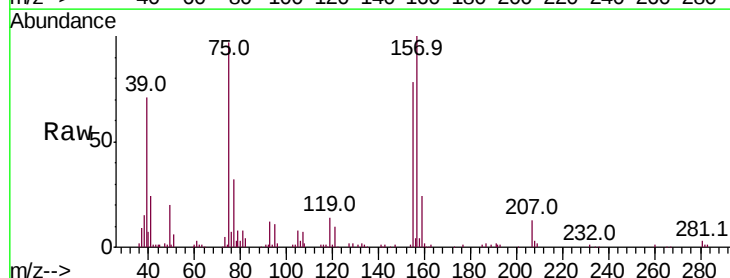
Tgt Ion: 75 Resp: 80026

Ion Ratio Lower Upper

75 100

155 78.6 34.5 103.5

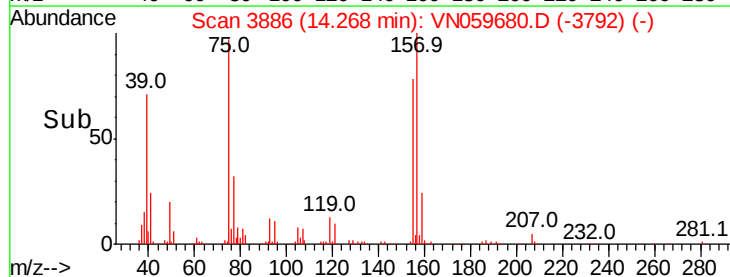
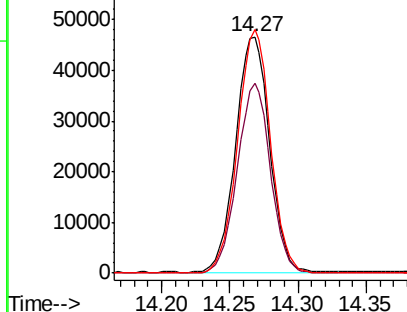
157 100.2 43.3 129.8

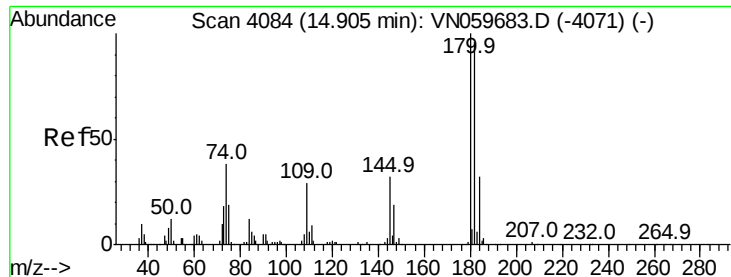


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

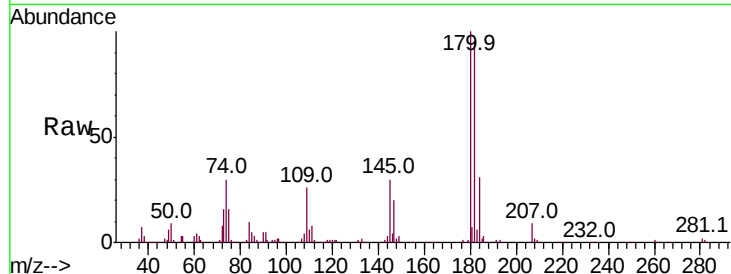




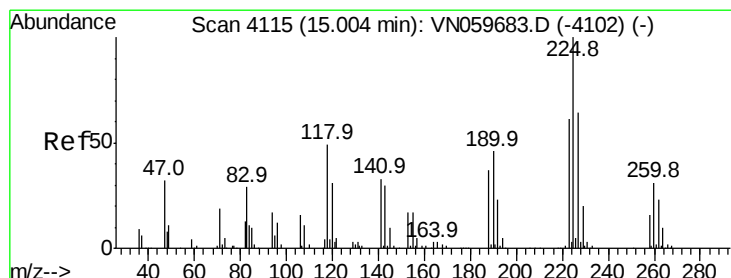
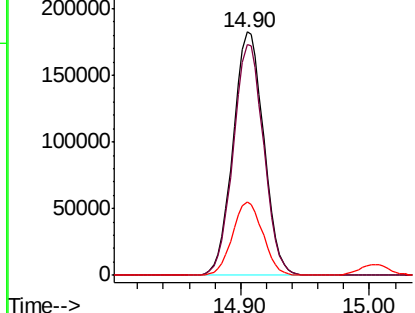
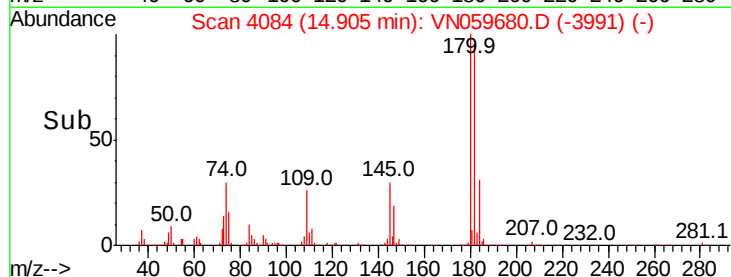
#93
 1,2,4-Trichlorobenzene
 Concen: 61.831 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN059680.D
 Acq: 20 Dec 2019 14:52

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.8	143.4
145	30.0	15.7	47.0

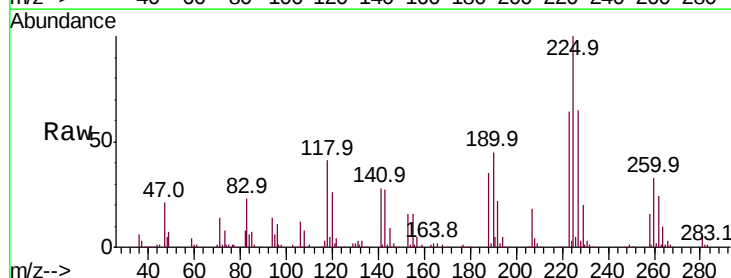


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

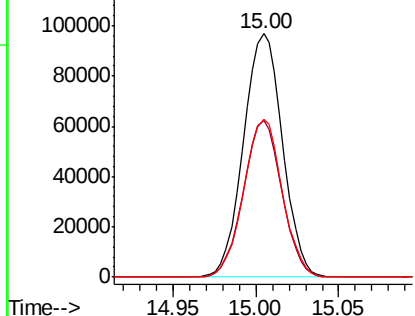
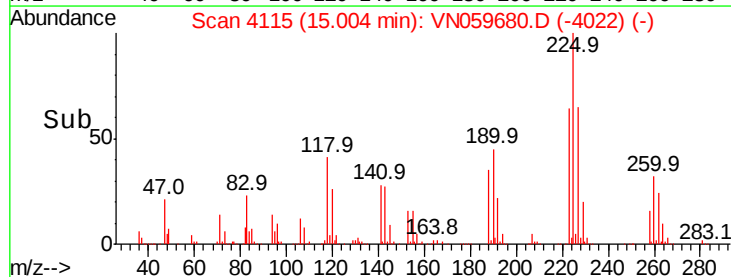


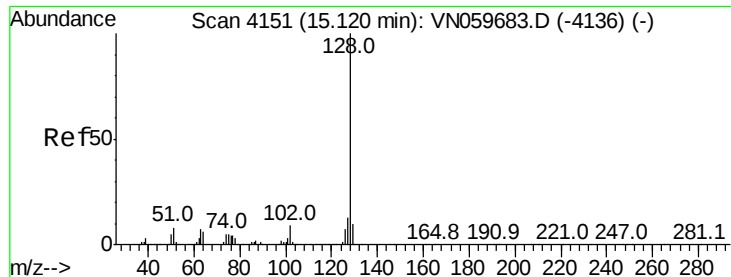
#94
 Hexachlorobutadiene
 Concen: 60.450 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. 0.00 min
 Lab File: VN059680.D
 Acq: 20 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.0	93.0
227	63.8	32.1	96.5



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





#95

Naphthalene

Concen: 59.012 ug/l

RT: 15.12 min Scan# 4151

Delta R.T. 0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

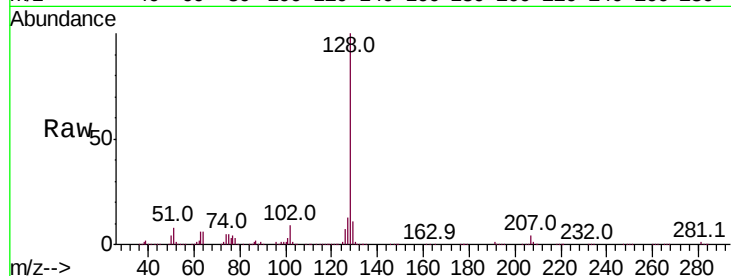
Tot Ion:128 Resp: 852957

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

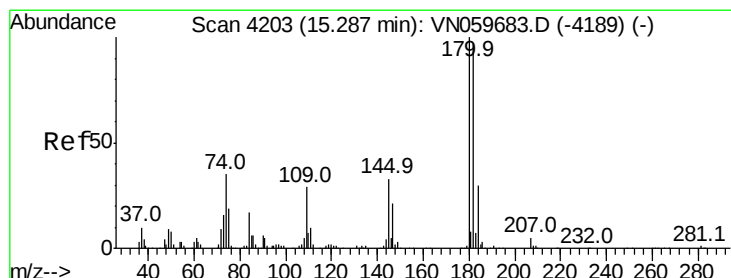
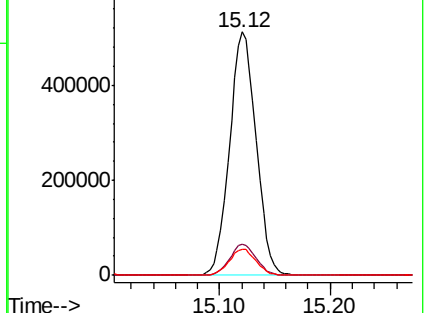
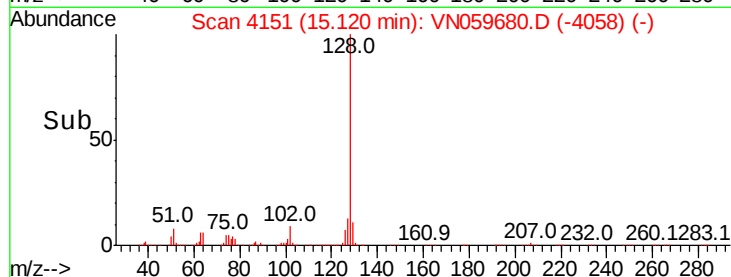
129 10.9 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 57.522 ug/l

RT: 15.29 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN059680.D

Acq: 20 Dec 2019 14:52

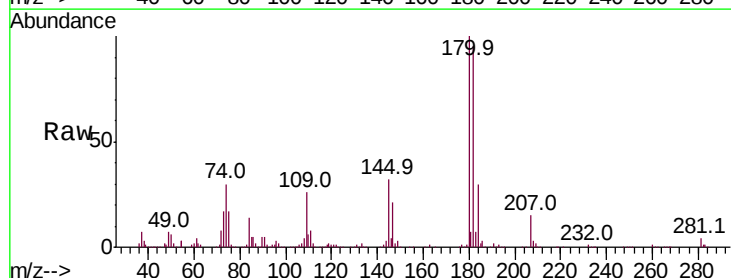
Tgt Ion:180 Resp: 286617

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.7

145 32.1 16.6 49.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

