

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121819\
 Data File : VN059645.D
 Acq On : 18 Dec 2019 11:53
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 19 04:25:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	235884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	375567	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	348449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	170042	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	179283	52.23	ug/l	0.00
Spiked Amount			Recovery	=	104.46%	
35) Dibromofluoromethane	7.56	113	124807	53.11	ug/l	0.00
Spiked Amount			Recovery	=	106.22%	
50) Toluene-d8	10.08	98	500655	53.81	ug/l	0.00
Spiked Amount			Recovery	=	107.62%	
62) 4-Bromofluorobenzene	12.40	95	181167	53.37	ug/l	0.00
Spiked Amount			Recovery	=	106.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	136329	44.726	ug/l	99
3) Chloromethane	2.04	50	231863	47.935	ug/l	99
4) Vinyl Chloride	2.17	62	215837	47.054	ug/l	98
5) Bromomethane	2.55	94	120131	45.050	ug/l	97
6) Chloroethane	2.68	64	125918	48.844	ug/l	99
7) Trichlorofluoromethane	3.00	101	258796	51.422	ug/l	100
8) Diethyl Ether	3.38	74	81134	51.596	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	126830	50.007	ug/l	99
10) Methyl Iodide	3.92	142	164825	49.090	ug/l	99
11) Tert butyl alcohol	4.74	59	158937	252.569	ug/l	99
12) 1,1-Dichloroethene	3.71	96	121966	49.297	ug/l	92
13) Acrolein	3.58	56	70130	156.450	ug/l	97
14) Allyl chloride	4.29	41	251450	49.508	ug/l	100
15) Acrylonitrile	4.95	53	407835	267.934	ug/l	99
16) Acetone	3.78	43	465460	228.404	ug/l	100
17) Carbon Disulfide	4.02	76	383127	45.119	ug/l	100
18) Methyl Acetate	4.29	43	214974	50.343	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	457207	52.338	ug/l	99
20) Methylene Chloride	4.52	84	146773	49.869	ug/l	99
21) trans-1,2-Dichloroethene	5.00	96	138957	50.381	ug/l	96
22) Diisopropyl ether	5.92	45	508884	54.347	ug/l	99
23) Vinyl Acetate	5.86	43	2213966	301.292	ug/l	99
24) 1,1-Dichloroethane	5.82	63	282708	53.300	ug/l	99
25) 2-Butanone	6.80	43	621027	254.842	ug/l	100
26) 2,2-Dichloropropane	6.79	77	254285	52.749	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	160829	52.623	ug/l	98
28) Bromochloromethane	7.17	49	68530	30.928	ug/l	98
29) Tetrahydrofuran	7.18	42	391235	263.498	ug/l	99
30) Chloroform	7.35	83	275215	52.713	ug/l	99
31) Cyclohexane	7.63	56	250417	49.966	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	241112	51.224	ug/l	100
36) 1,1-Dichloropropene	7.77	75	210014	53.621	ug/l	99
37) Ethyl Acetate	6.90	43	243680	53.531	ug/l	99
38) Carbon Tetrachloride	7.75	117	210304	51.746	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	241075	54.265	ug/l	100
40) Benzene	8.02	78	612047	53.473	ug/l	100
41) Methacrylonitrile	7.18	41	352158	187.451	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	236207	53.887	ug/l	100
43) Isopropyl Acetate	8.14	43	384209	54.287	ug/l	100
44) Trichloroethene	8.82	130	154859	51.653	ug/l	100
45) 1,2-Dichloropropane	9.10	63	166894	53.997	ug/l	100
46) Dibromomethane	9.19	93	107501	53.088	ug/l	100
47) Bromodichloromethane	9.39	83	220153	54.531	ug/l	99
48) Methyl methacrylate	9.18	41	174891	54.466	ug/l	98
49) 1,4-Dioxane	9.18	88	54116	1176.040	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	1204864	285.533	ug/l	99
52) Toluene	10.14	92	372517	52.969	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	255216	54.660	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	271815	55.382	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	149000	53.992	ug/l	98
56) Ethyl methacrylate	10.42	69	232176	56.672	ug/l	98
57) 1,3-Dichloropropane	10.70	76	261217	54.364	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	154468	118.552	ug/l	99
59) 2-Hexanone	10.74	43	927745	278.964	ug/l	100
60) Dibromochloromethane	10.89	129	166541	55.293	ug/l	100
61) 1,2-Dibromoethane	11.00	107	155732	53.210	ug/l	99
64) Tetrachloroethene	10.62	164	145017	44.645	ug/l	99
65) Chlorobenzene	11.43	112	391118	51.875	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	149473	52.194	ug/l	100
67) Ethyl Benzene	11.50	91	729878	53.631	ug/l	99
68) m/p-Xylenes	11.62	106	537311	106.918	ug/l	100
69) o-Xylene	11.94	106	254466	53.216	ug/l	100
70) Styrene	11.96	104	416832	54.255	ug/l	98
71) Bromoform	12.12	173	118490	55.042	ug/l #	99
73) Isopropylbenzene	12.25	105	691272	51.787	ug/l	100
74) N-amyl acetate	12.07	43	332387	54.285	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	220669	52.115	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	323517	76.854	ug/l #	100
77) Bromobenzene	12.52	156	165011	50.267	ug/l	98
78) n-propylbenzene	12.59	91	837424	53.072	ug/l	100
79) 2-Chlorotoluene	12.67	91	492518	51.620	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	590069	52.237	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	89836	52.711	ug/l	100
82) 4-Chlorotoluene	12.77	91	511735	52.383	ug/l	99
83) tert-Butylbenzene	12.99	119	487632	50.974	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	597499	53.195	ug/l	100
85) sec-Butylbenzene	13.17	105	671285	52.753	ug/l	100
86) p-Isopropyltoluene	13.28	119	614428	53.312	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	301168	49.893	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	298727	49.085	ug/l	99
89) n-Butylbenzene	13.61	91	570821	52.828	ug/l	99
90) Hexachloroethane	13.87	117	113240	51.981	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	295243	49.596	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	51568	44.865	ug/l	99

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QLast Update : Fri Dec 13 23:17:39 2019
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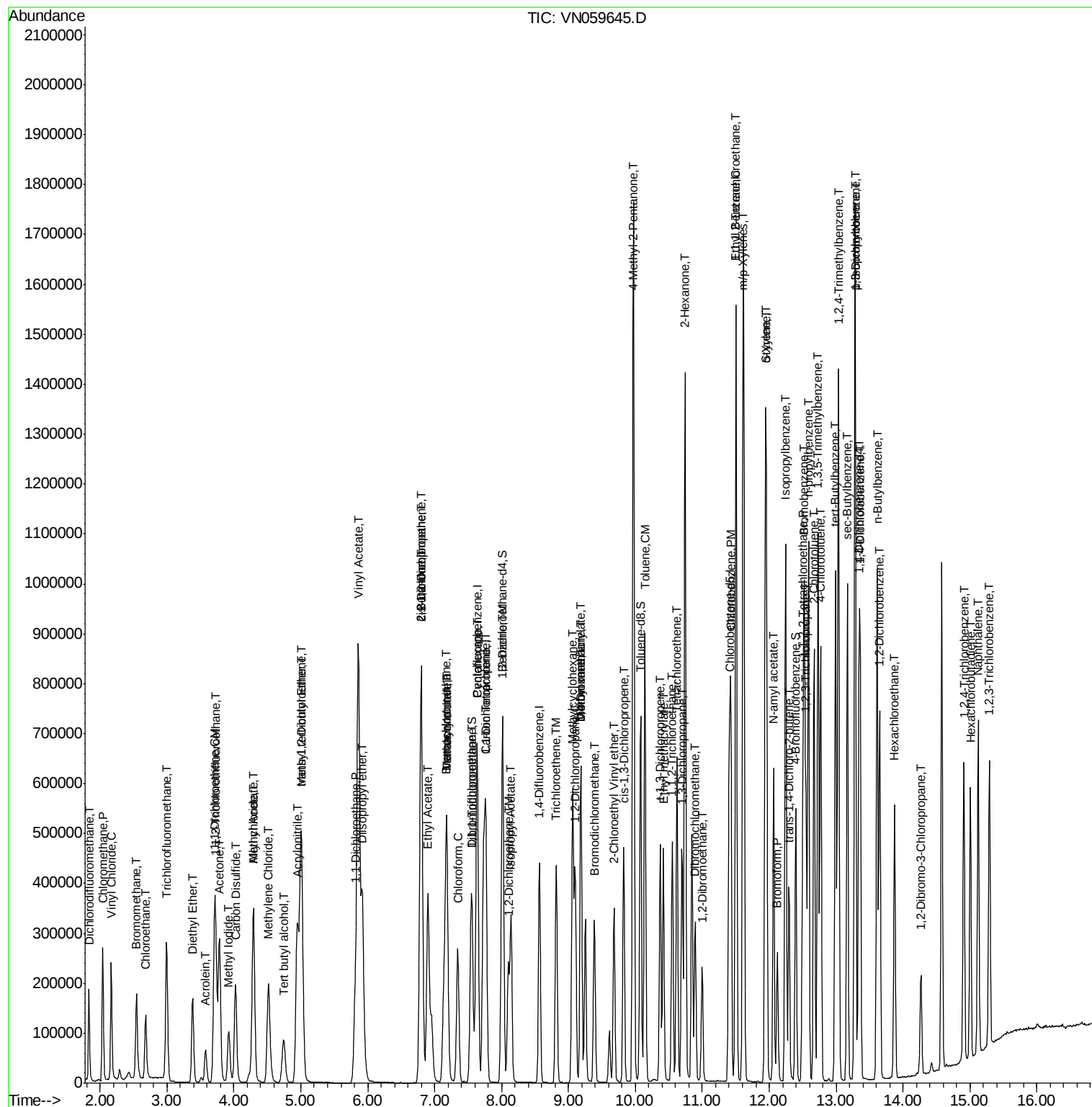
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	183116	47.636	ug/l	99
94) Hexachlorobutadiene	15.00	225	95605	47.628	ug/l	99
95) Naphthalene	15.12	128	529082	46.104	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	176535	45.406	ug/l	99

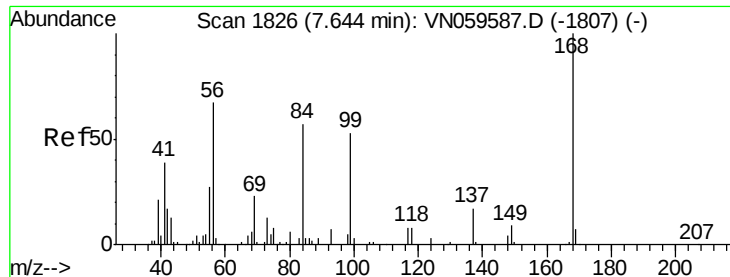
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121819\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059645.D

Acq: 18 Dec 2019 11:53

Instrument :

MSVOA_N

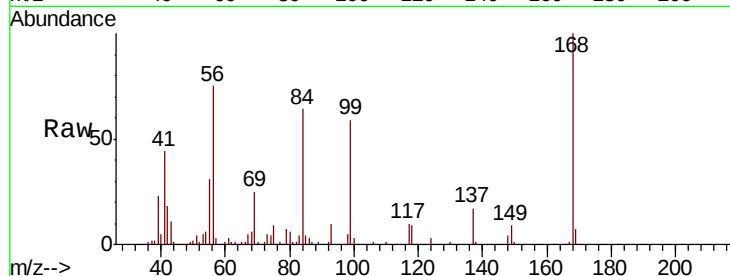
ClientSampled :

Tot Ion:168 Resp: 235884

Ion Ratio Lower Upper

168 100

99 58.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

100000

80000

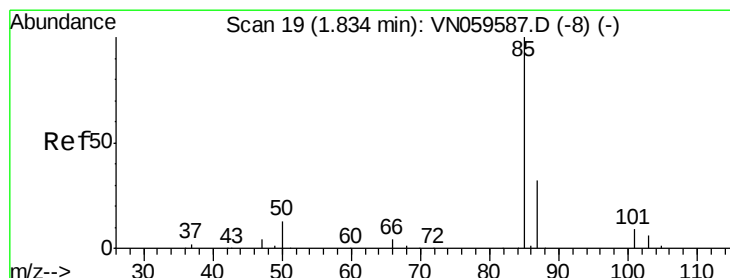
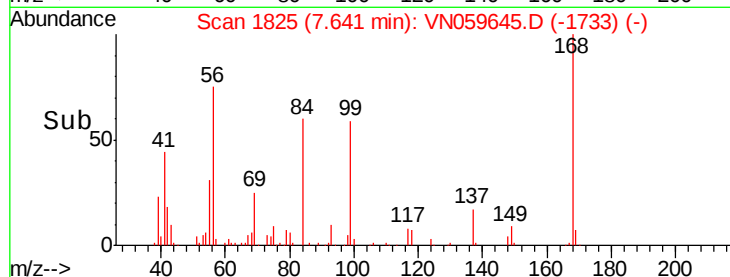
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.726 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059645.D

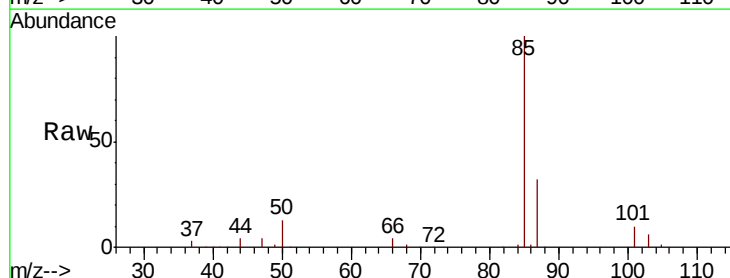
Acq: 18 Dec 2019 11:53

Tgt Ion: 85 Resp: 136329

Ion Ratio Lower Upper

85 100

87 32.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

120000

100000

80000

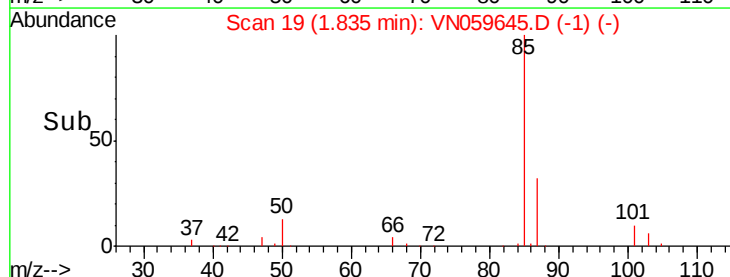
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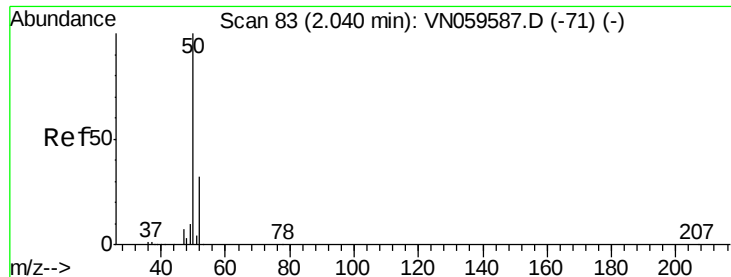
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20000

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Time-->





#3

Chloromethane

Concen: 47.935 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059645.D

Acq: 18 Dec 2019 11:53

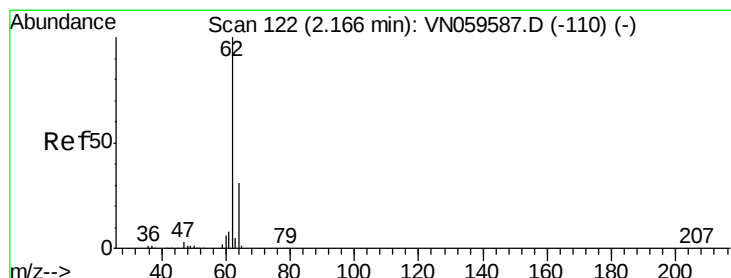
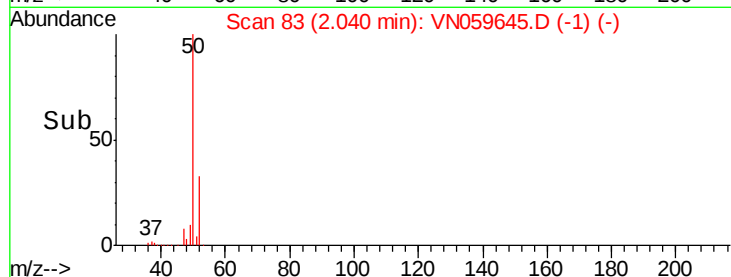
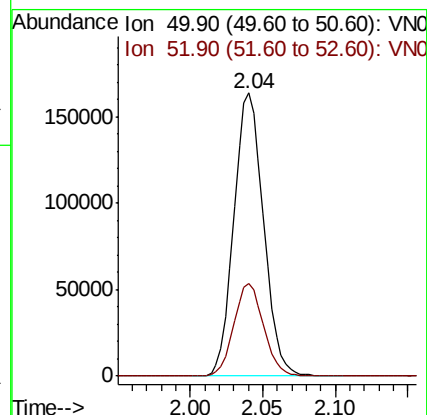
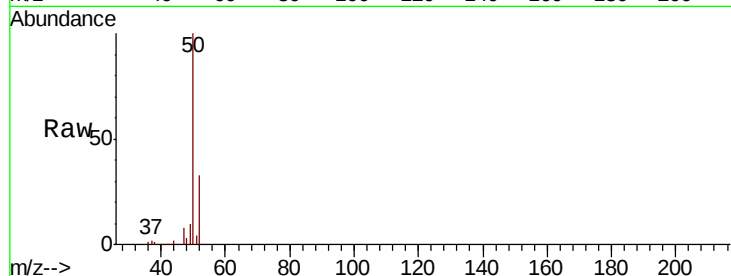
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 50 Resp: 231863

Ion Ratio Lower Upper

50 100

52 32.9 25.9 38.9



#4

Vinyl Chloride

Concen: 47.054 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059645.D

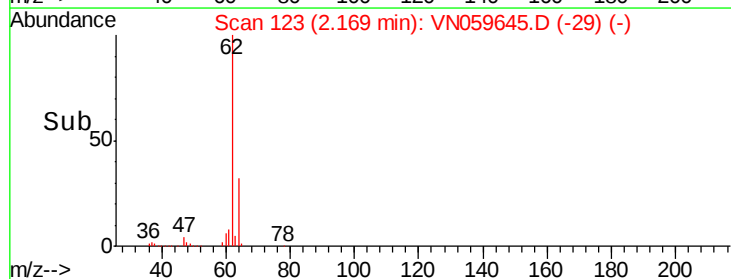
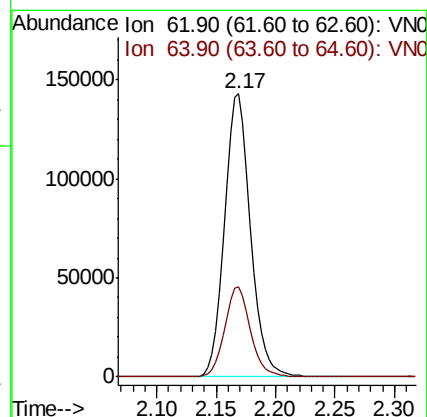
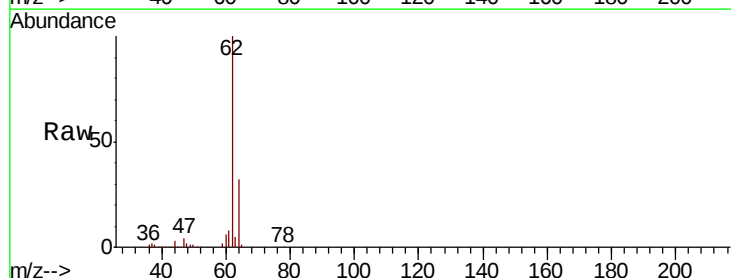
Acq: 18 Dec 2019 11:53

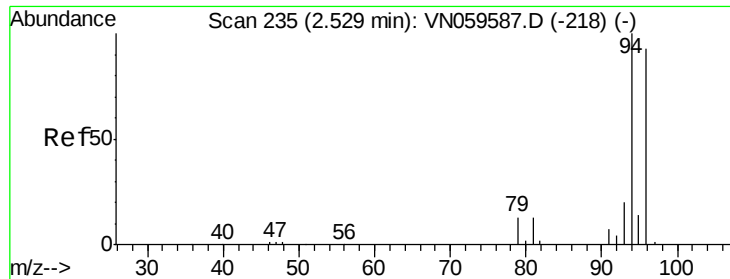
Tgt Ion: 62 Resp: 215837

Ion Ratio Lower Upper

62 100

64 32.0 24.6 37.0

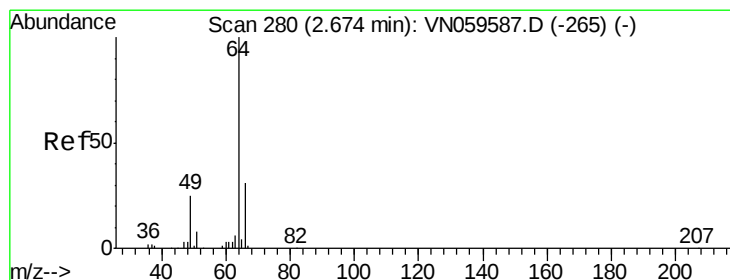
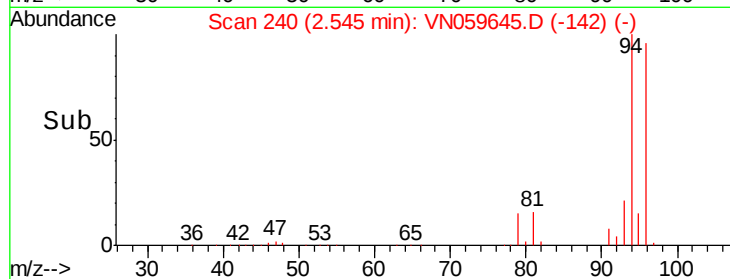
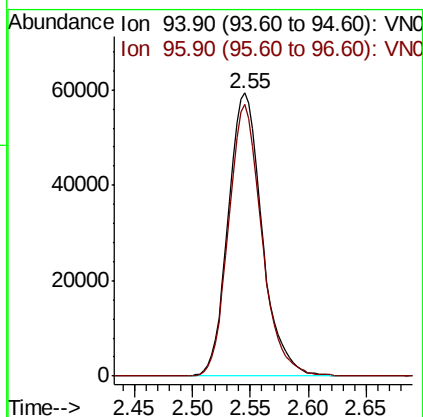
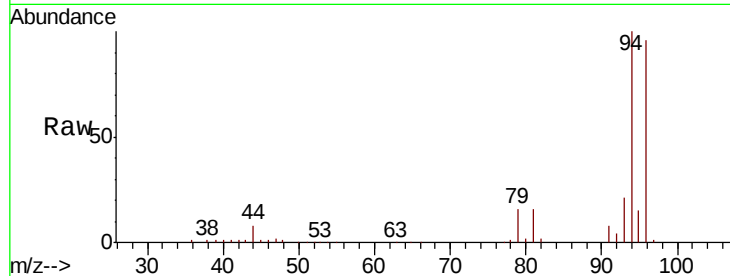




#5
Bromomethane
Concen: 45.050 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.02 min
Lab File: VN059645.D
Acq: 18 Dec 2019 11:53

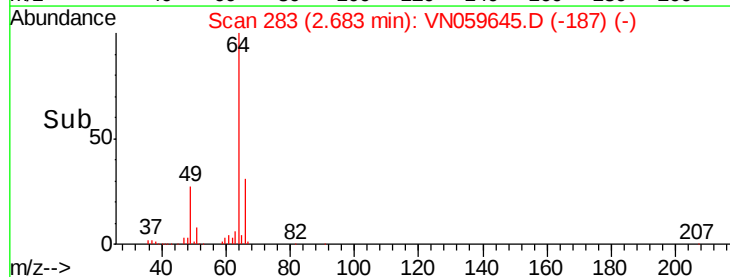
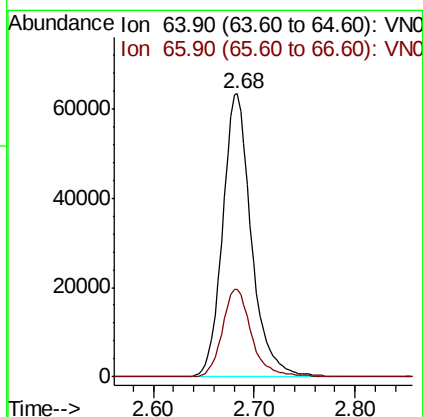
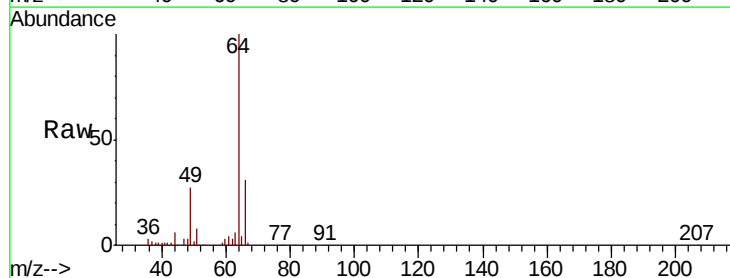
Instrument :
MSVOA_N
ClientSampleId :

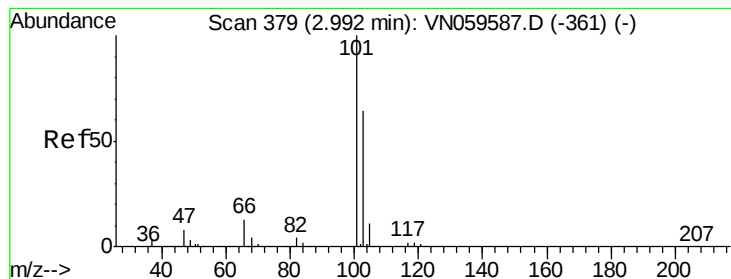
Tot Ion: 94 Resp: 120131
Ion Ratio Lower Upper
94 100
96 95.9 74.7 112.1



#6
Chloroethane
Concen: 48.844 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.01 min
Lab File: VN059645.D
Acq: 18 Dec 2019 11:53

Tgt Ion: 64 Resp: 125918
Ion Ratio Lower Upper
64 100
66 31.0 25.1 37.7



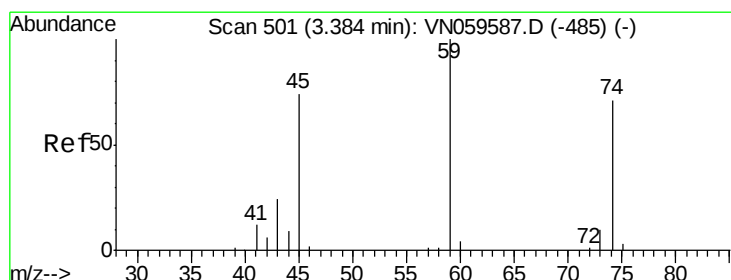
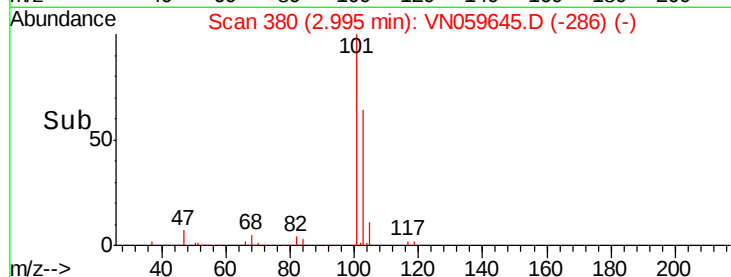
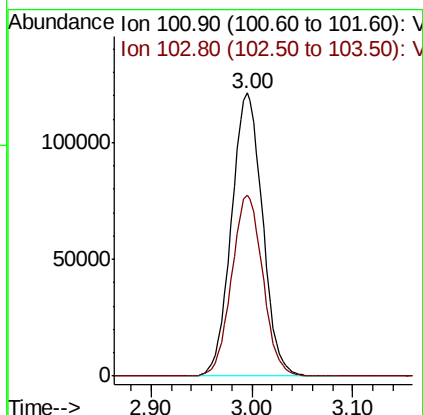
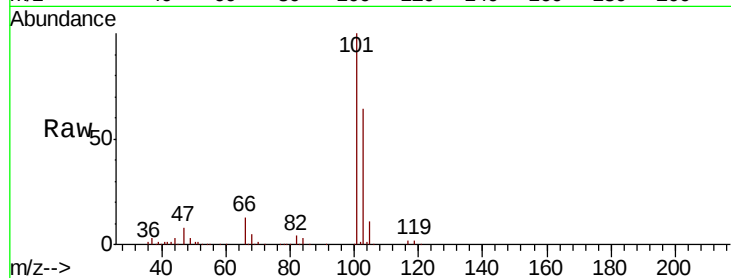


#7

Trichlorofluoromethane
 Concen: 51.422 ug/l
 RT: 3.00 min Scan# 380
 Delta R.T. 0.00 min
 Lab File: VN059645.D
 Acq: 18 Dec 2019 11:53

Instrument :
 MSVOA_N
 ClientSampleId :

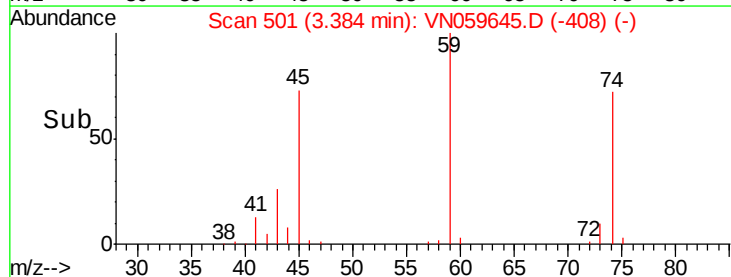
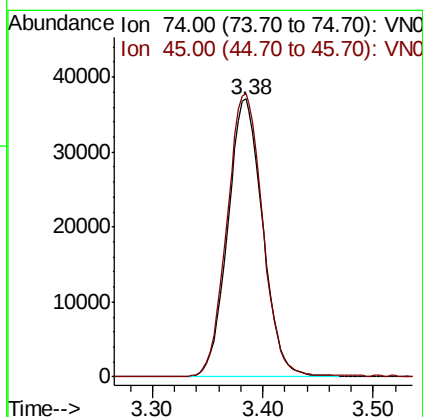
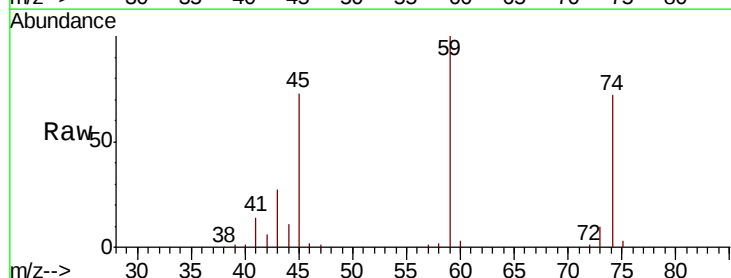
Tot Ion:101 Resp: 258796
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.0 76.6

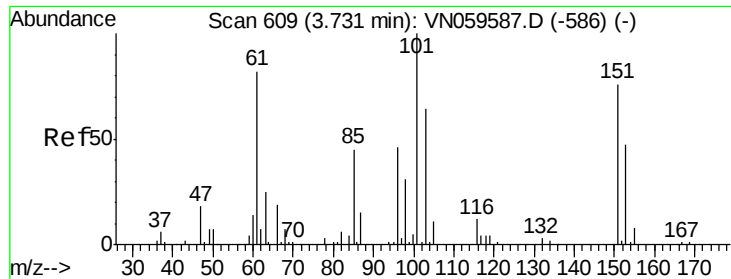


#8

Diethyl Ether
 Concen: 51.596 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: VN059645.D
 Acq: 18 Dec 2019 11:53

Tgt Ion: 74 Resp: 81134
 Ion Ratio Lower Upper
 74 100
 45 104.6 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.007 ug/l

RT: 3.73 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN059645.D

Acq: 18 Dec 2019 11:53

Instrument :

MSVOA_N

ClientSampleId :

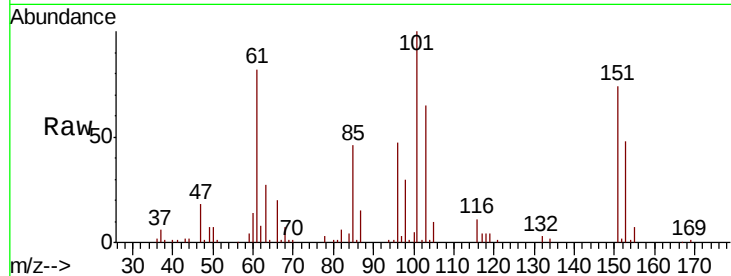
Tot Ion:101 Resp: 126830

Ion Ratio Lower Upper

101 100

85 45.9 36.6 54.8

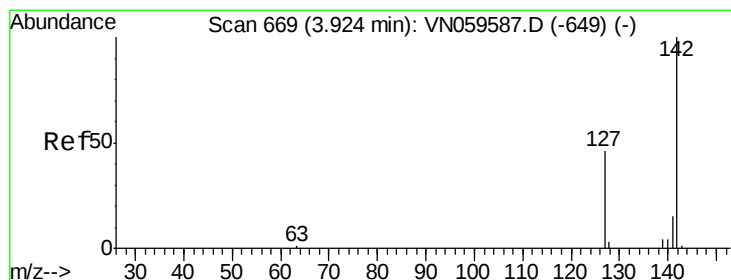
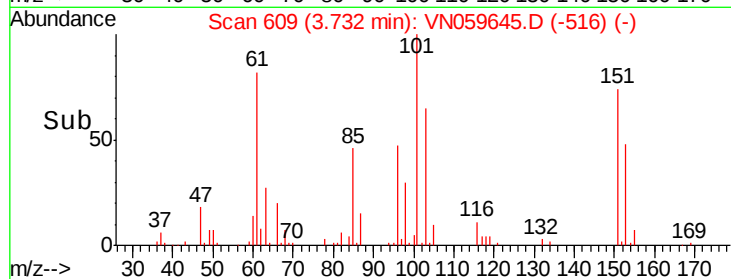
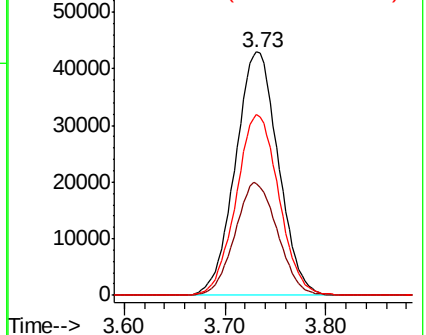
151 73.8 59.7 89.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.090 ug/l

RT: 3.92 min Scan# 668

Delta R.T. -0.00 min

Lab File: VN059645.D

Acq: 18 Dec 2019 11:53

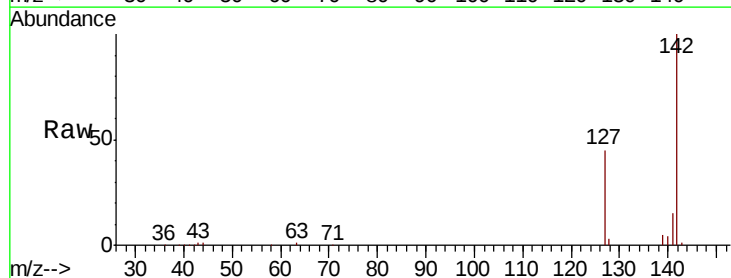
Tgt Ion:142 Resp: 164825

Ion Ratio Lower Upper

142 100

127 46.9 36.7 55.1

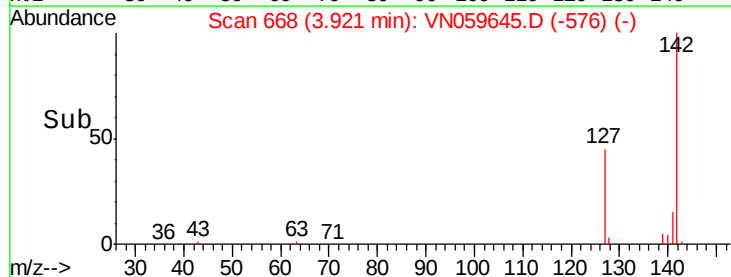
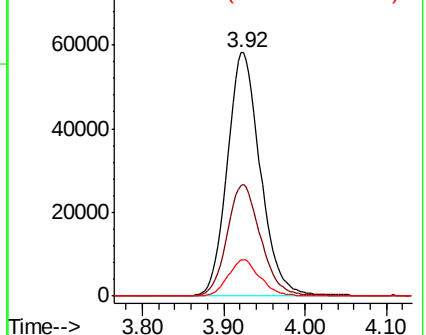
141 14.5 11.7 17.5

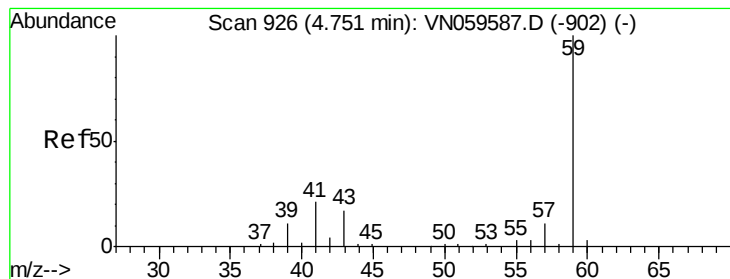


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 252.569 ug/l

RT: 4.74 min Scan# 924

Delta R.T. -0.01 min

Lab File: VN059645.D

Acq: 18 Dec 2019 11:53

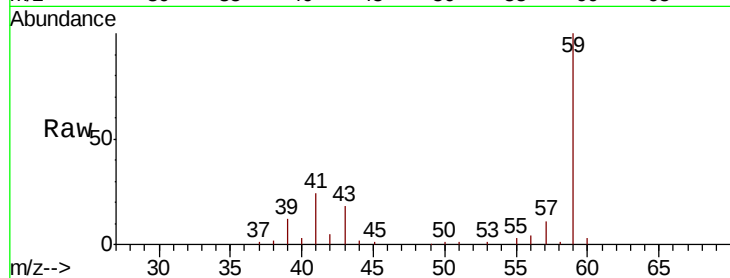
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 59 Resp: 158937

Ion Ratio Lower Upper

59 100

57 10.5 8.6 12.8



Abundance Ion 59.00 (58.70 to 59.70): VN059587.D (-902) (-)

Ion 57.00 (56.70 to 57.70): VN059587.D (-902) (-)

4.74

50000

40000

30000

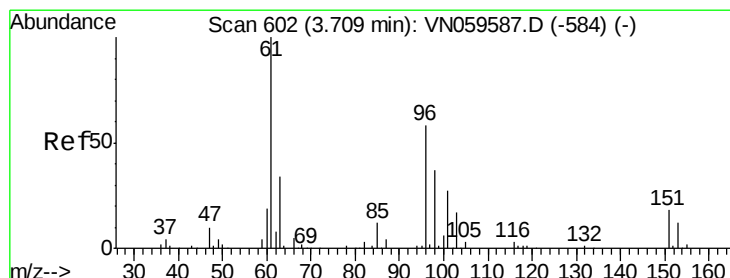
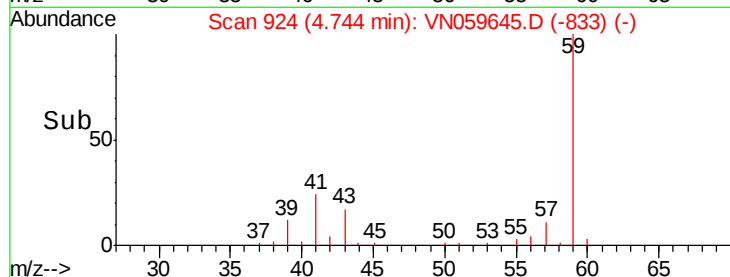
20000

10000

0

Time-->

4.60 4.70 4.80 4.90



#12

1,1-Dichloroethene

Concen: 49.297 ug/l

RT: 3.71 min Scan# 602

Delta R.T. 0.00 min

Lab File: VN059645.D

Acq: 18 Dec 2019 11:53

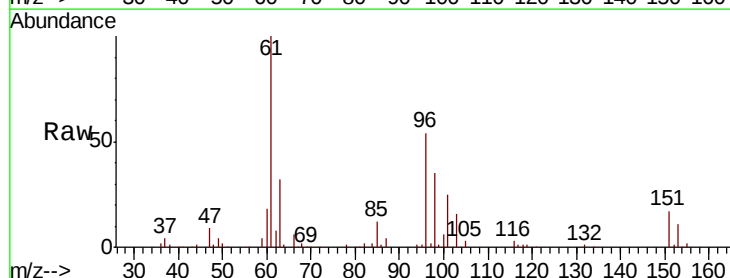
Tgt Ion: 96 Resp: 121966

Ion Ratio Lower Upper

96 100

61 184.9 137.5 206.3

98 64.7 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VN059587.D (-584) (-)

Ion 60.90 (60.60 to 61.60): VN059587.D (-584) (-)

Ion 97.90 (97.60 to 98.60): VN059587.D (-584) (-)

3.71

120000

100000

80000

60000

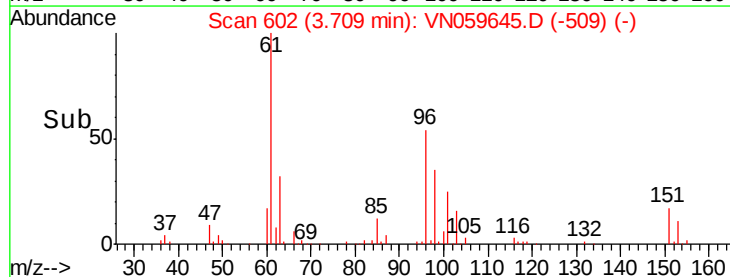
40000

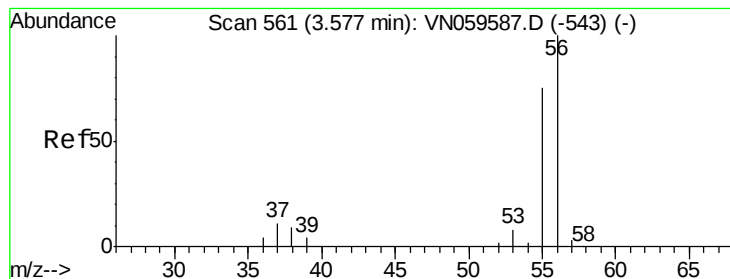
20000

0

Time-->

3.60 3.70 3.80





#13

Acrolein

Concen: 156.450 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN059645.D

Acq: 18 Dec 2019 11:53

Instrument :

MSVOA_N

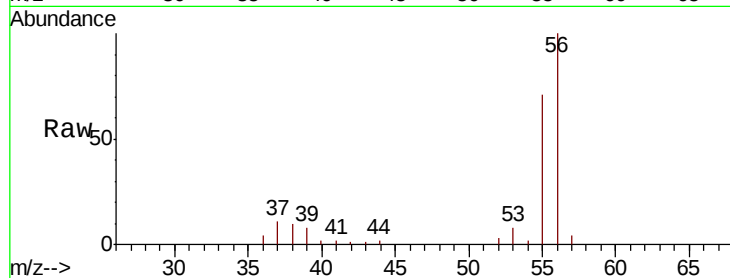
ClientSampleId :

Tot Ion: 56 Resp: 70130

Ion Ratio Lower Upper

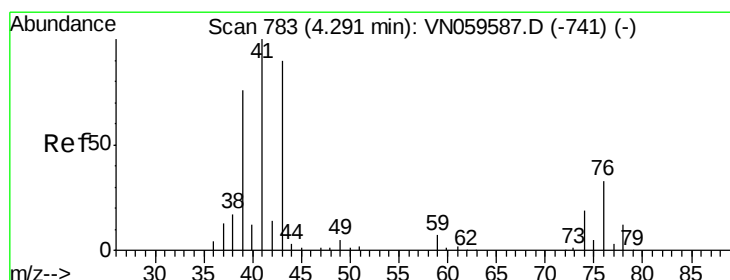
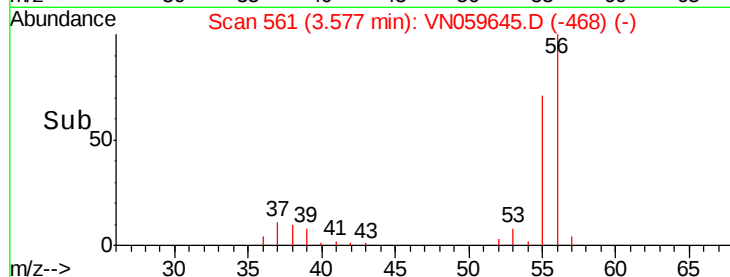
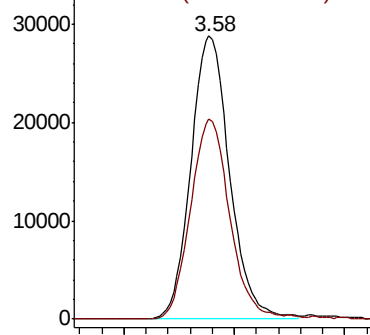
56 100

55 71.1 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 49.508 ug/l

RT: 4.29 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN059645.D

Acq: 18 Dec 2019 11:53

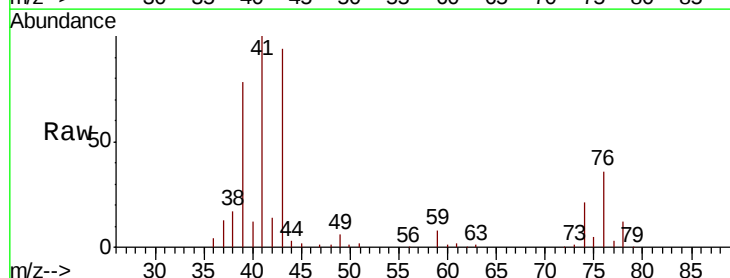
Tgt Ion: 41 Resp: 251450

Ion Ratio Lower Upper

41 100

39 72.3 57.8 86.8

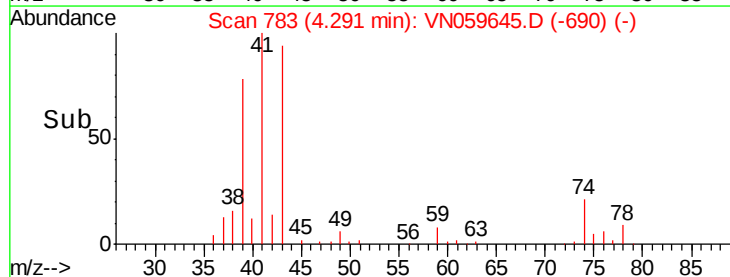
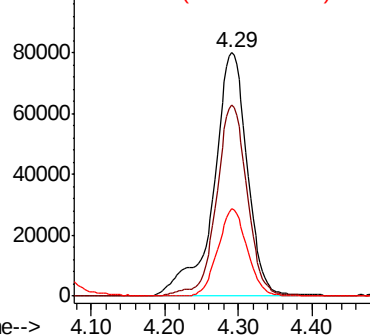
76 31.4 25.4 38.0

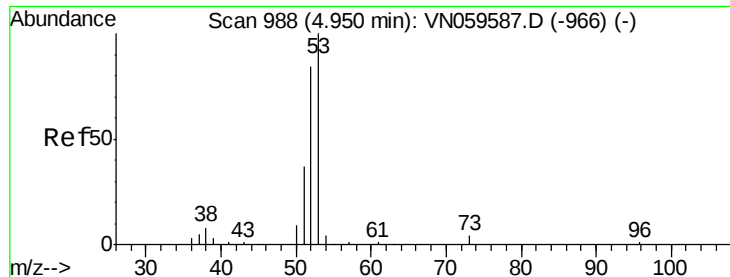


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 267.934 ug/l

RT: 4.95 min Scan# 987

Delta R.T. -0.00 min

Lab File: VN059645.D

Acq: 18 Dec 2019 11:53

Instrument :

MSVOA_N

ClientSampleId :

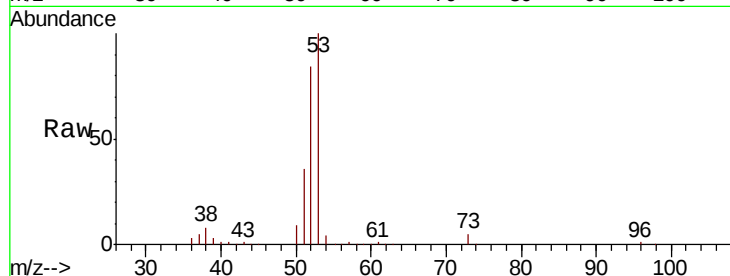
Tot Ion: 53 Resp: 407835

Ion Ratio Lower Upper

53 100

52 83.6 66.3 99.5

51 37.0 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN059587.D (-966) (-)

Ion 52.00 (51.70 to 52.70): VN059587.D (-966) (-)

Ion 51.00 (50.70 to 51.70): VN059587.D (-966) (-)

4.95

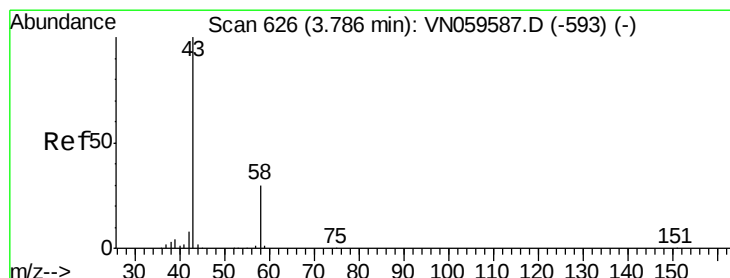
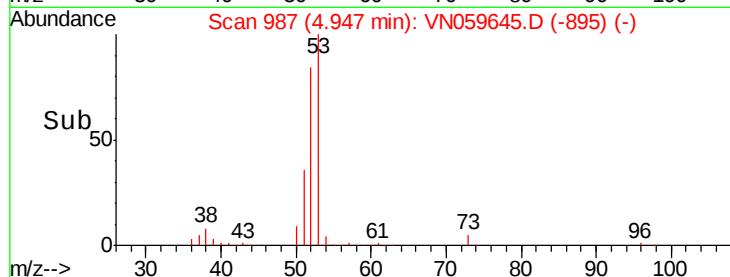
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 228.404 ug/l

RT: 3.78 min Scan# 625

Delta R.T. -0.00 min

Lab File: VN059645.D

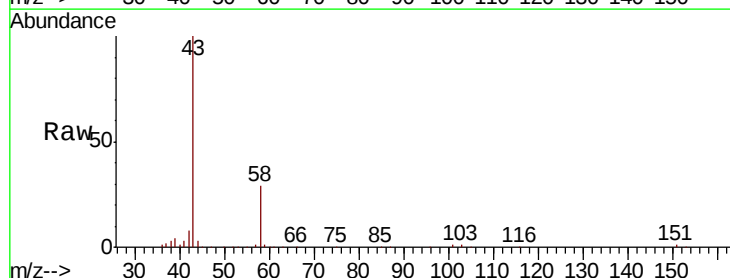
Acq: 18 Dec 2019 11:53

Tgt Ion: 43 Resp: 465460

Ion Ratio Lower Upper

43 100

58 29.2 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059587.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN059587.D (-593) (-)

3.78

200000

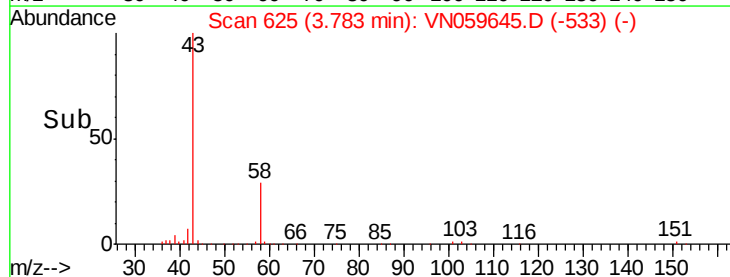
150000

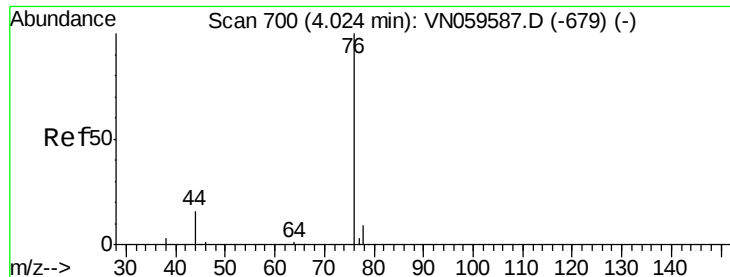
100000

50000

0

Time-->

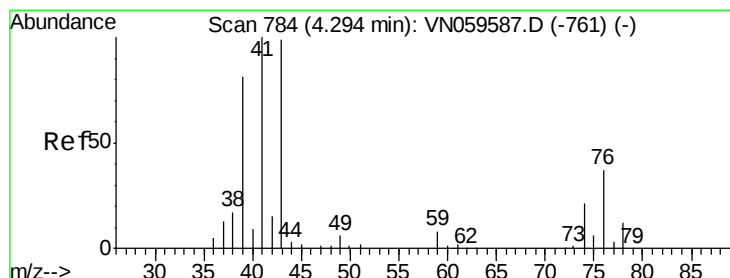
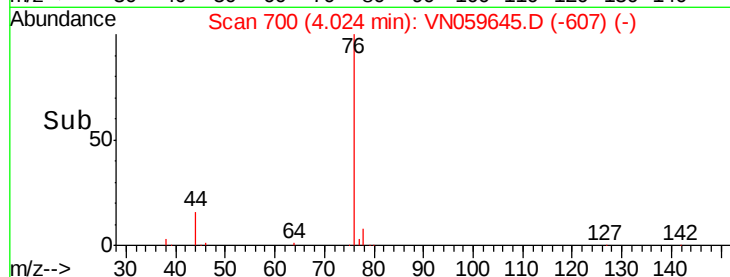
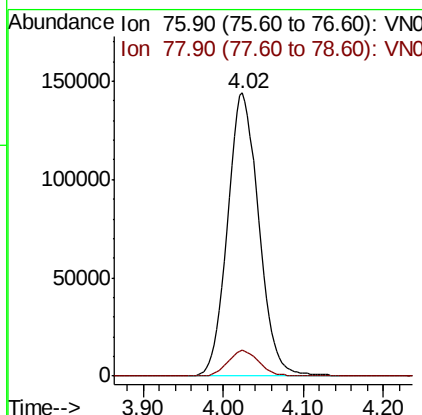
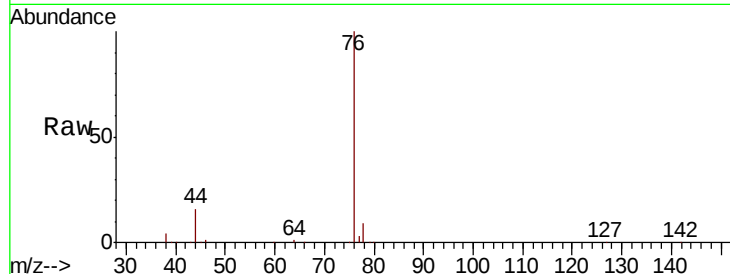




#17
Carbon Disulfide
Concen: 45.119 ug/l
RT: 4.02 min Scan# 700
Delta R.T. 0.00 min
Lab File: VN059645.D
Acq: 18 Dec 2019 11:53

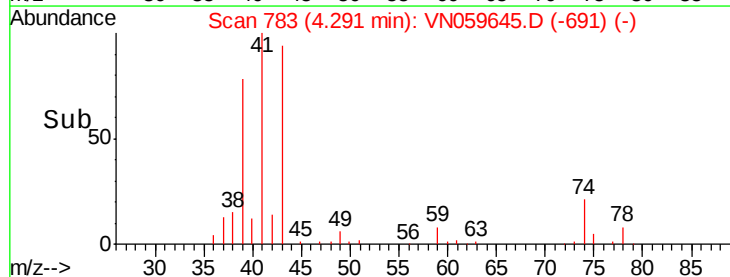
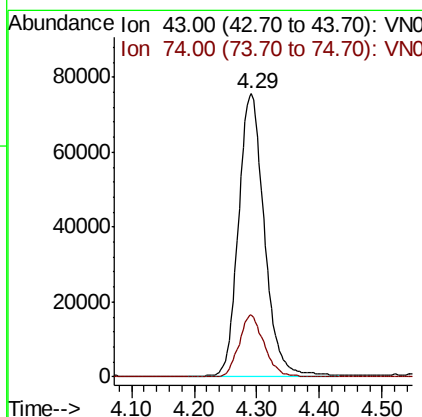
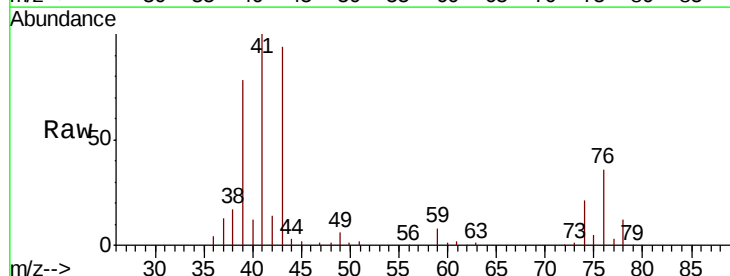
Instrument :
MSVOA_N
ClientSampleId :

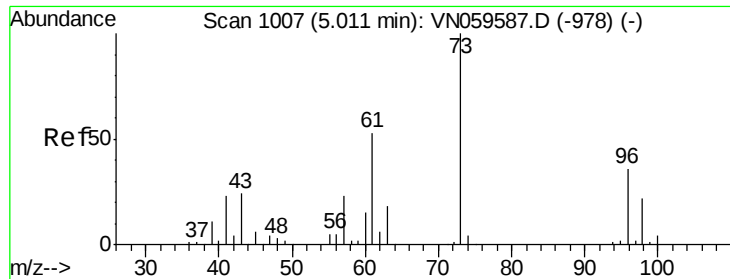
Tot Ion: 76 Resp: 383127
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 50.343 ug/l
RT: 4.29 min Scan# 783
Delta R.T. -0.00 min
Lab File: VN059645.D
Acq: 18 Dec 2019 11:53

Tgt Ion: 43 Resp: 214974
Ion Ratio Lower Upper
43 100
74 21.3 17.5 26.3

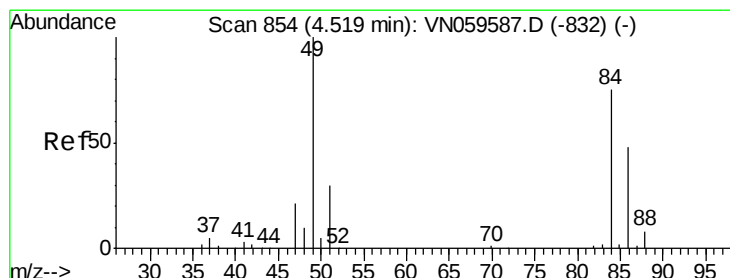
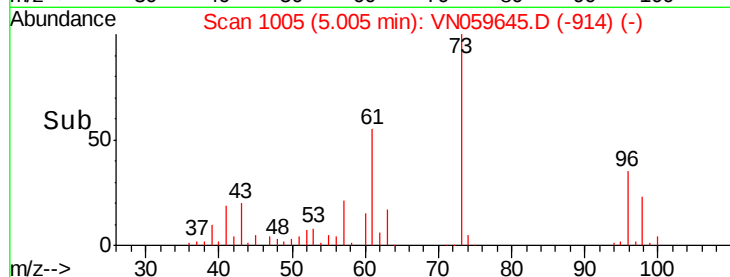
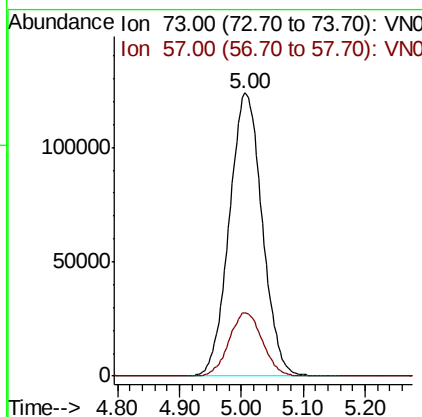
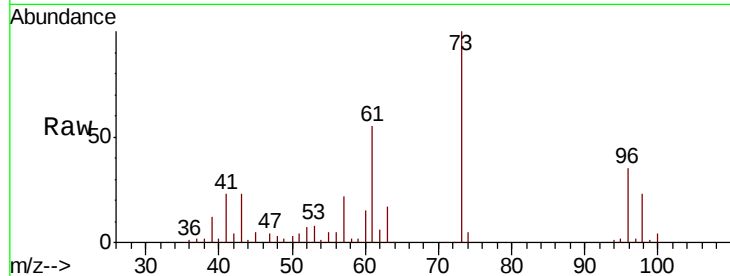




#19
Methvl tert-butvl Ether
Concen: 52.338 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: VN059645.D
Acq: 18 Dec 2019 11:53

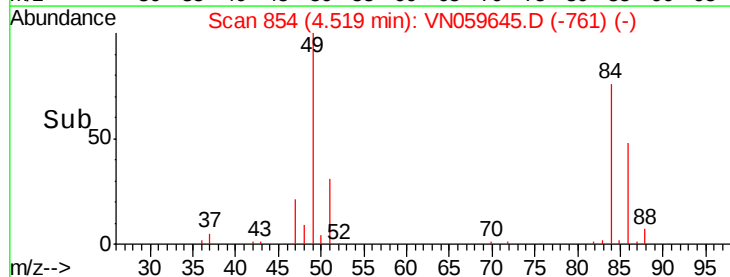
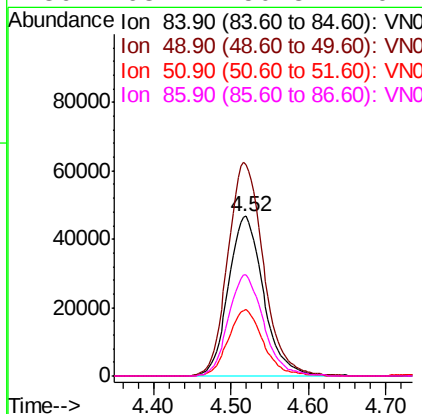
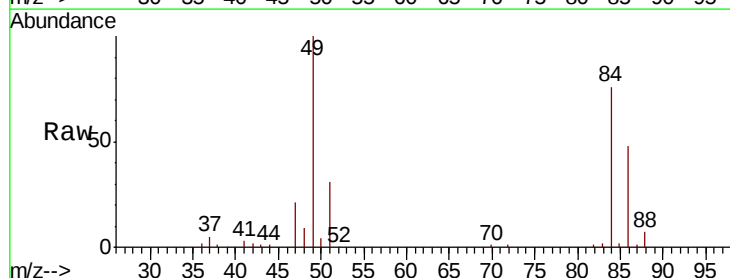
Instrument :
MSVOA_N
ClientSampled :

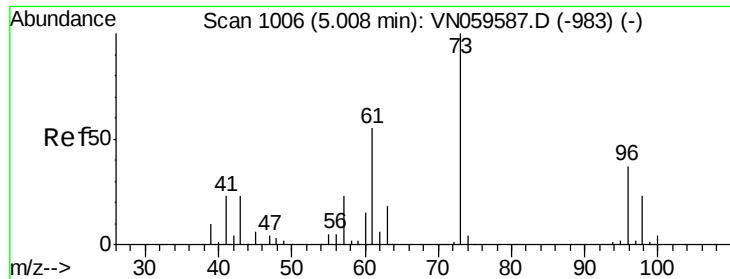
Tot Ion: 73 Resp: 457207
Ion Ratio Lower Upper
73 100
57 22.5 18.6 27.8



#20
Methylene Chloride
Concen: 49.869 ug/l
RT: 4.52 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN059645.D
Acq: 18 Dec 2019 11:53

Tgt Ion: 84 Resp: 146773
Ion Ratio Lower Upper
84 100
49 132.1 106.6 160.0
51 41.4 31.9 47.9
86 63.2 50.8 76.2

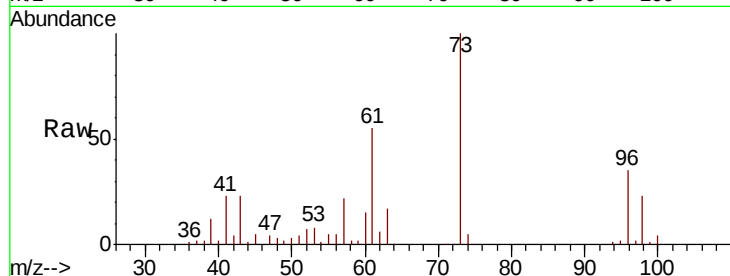




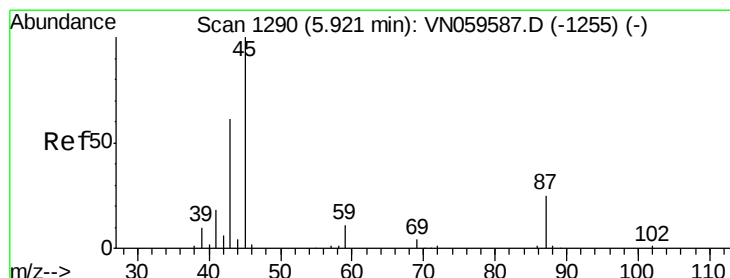
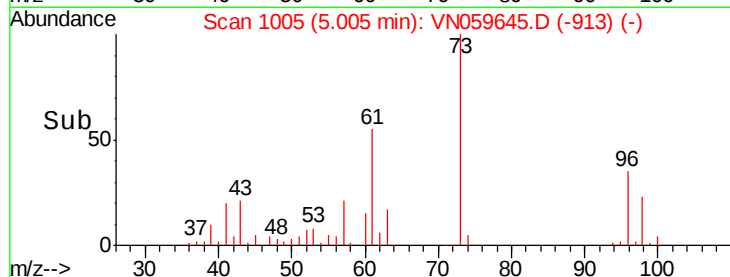
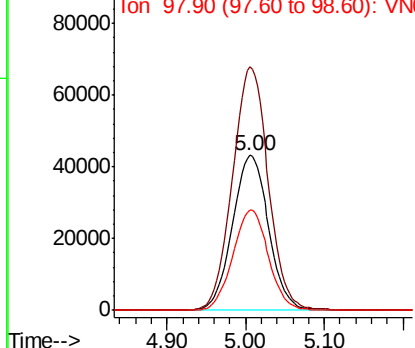
#21
trans-1,2-Dichloroethene
Concen: 50.381 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: VN059645.D
Acq: 18 Dec 2019 11:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 138957
Ion Ratio Lower Upper
96 100
61 157.1 120.4 180.6
98 64.6 50.6 75.8

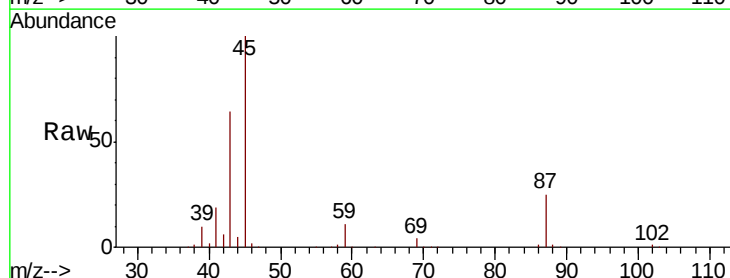


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

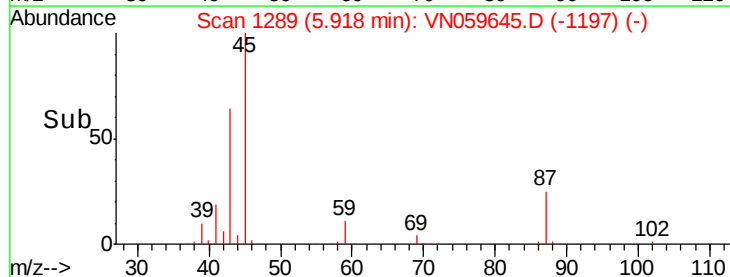
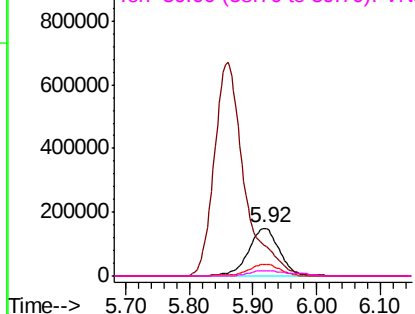


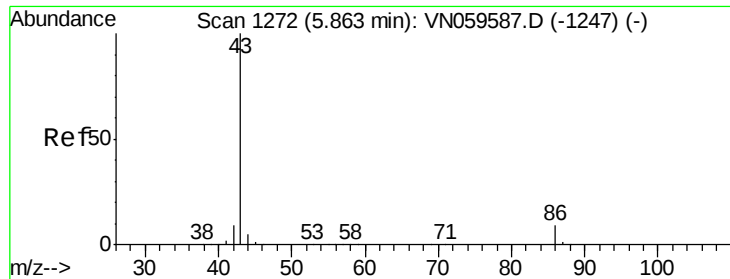
#22
Diisopropyl ether
Concen: 54.347 ug/l
RT: 5.92 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VN059645.D
Acq: 18 Dec 2019 11:53

Tgt Ion: 45 Resp: 508884
Ion Ratio Lower Upper
45 100
43 63.3 50.8 76.2
87 25.1 21.0 31.6
59 10.9 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

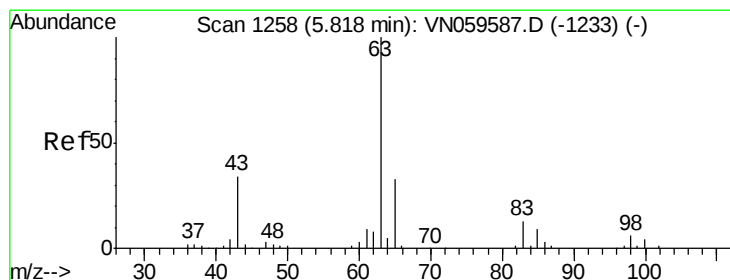
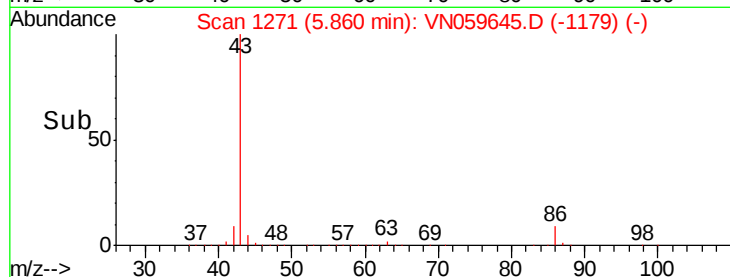
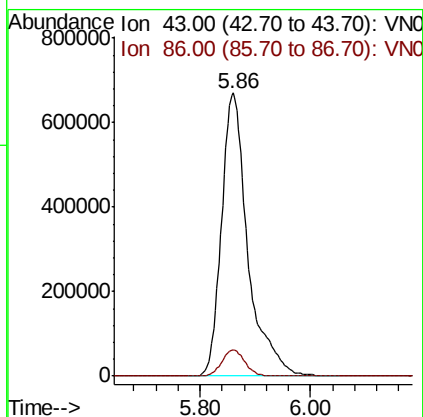
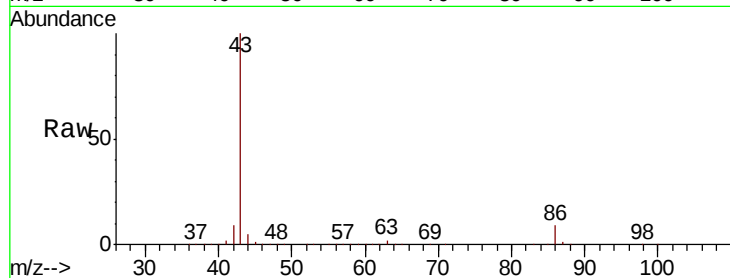




#23
 Vinyl Acetate
 Concen: 301.292 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VN059645.D
 Acq: 18 Dec 2019 11:53

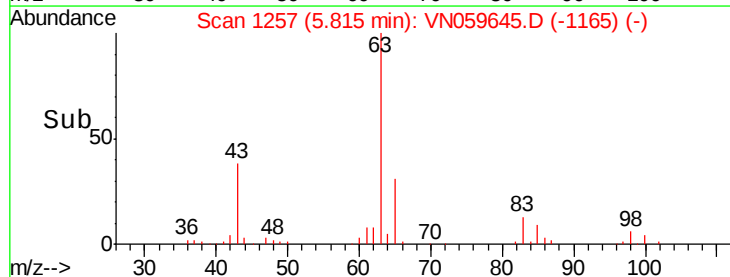
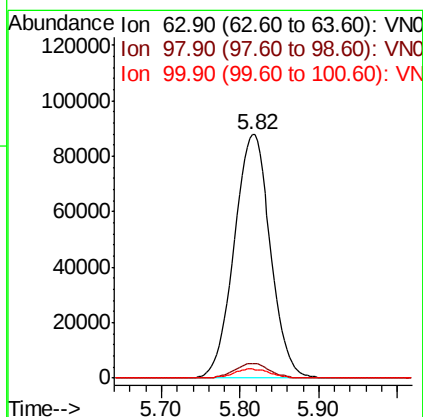
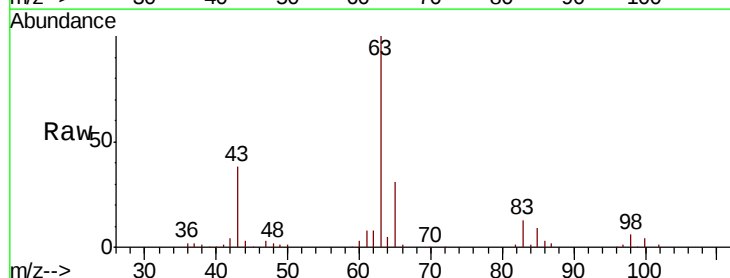
Instrument :
 MSVOA_N
 ClientSampleId :

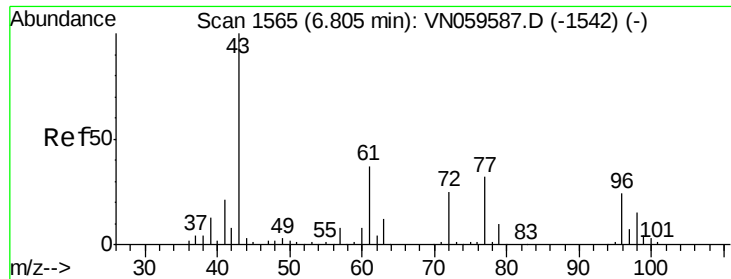
Tot Ion: 43 Resp: 2213966
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 53.300 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN059645.D
 Acq: 18 Dec 2019 11:53

Tgt Ion: 63 Resp: 282708
 Ion Ratio Lower Upper
 63 100
 98 6.2 2.9 8.7
 100 3.7 2.0 6.0





#25

2-Butanone

Concen: 254.842 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN059645.D

Acq: 18 Dec 2019 11:53

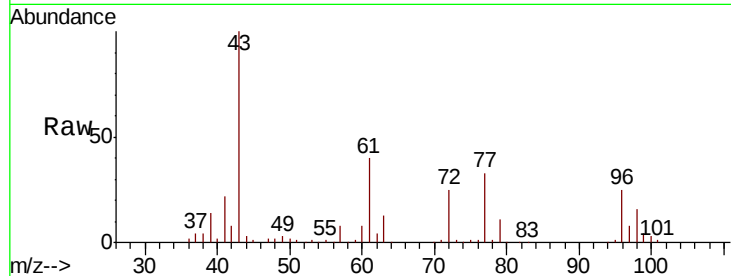
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 621027

Ion Ratio Lower Upper

43 100

72 24.8 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN059587.D (-1542) (-)

Ion 72.00 (71.70 to 72.70): VN059587.D (-1542) (-)

6.80

250000

200000

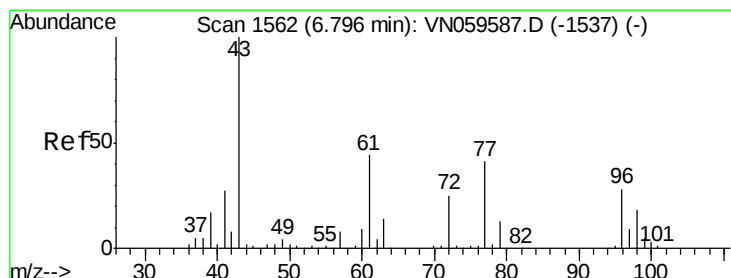
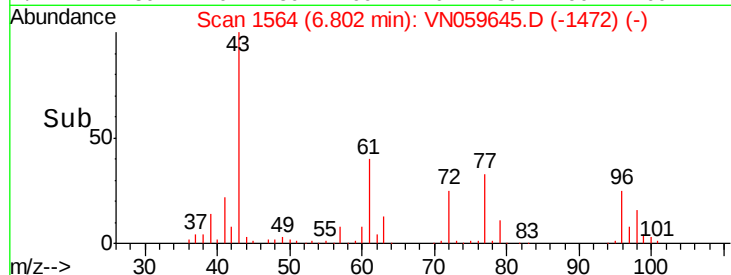
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 52.749 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN059645.D

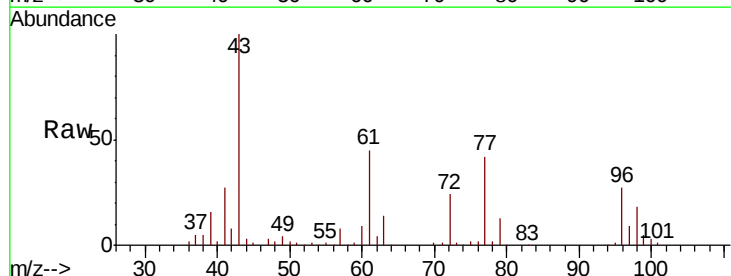
Acq: 18 Dec 2019 11:53

Tgt Ion: 77 Resp: 254285

Ion Ratio Lower Upper

77 100

97 21.0 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN059587.D (-1537) (-)

Ion 96.90 (96.60 to 97.60): VN059587.D (-1537) (-)

6.79

80000

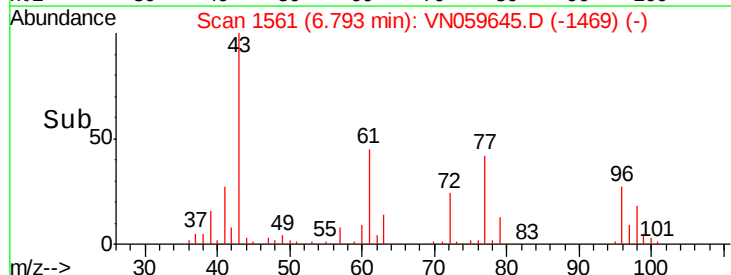
60000

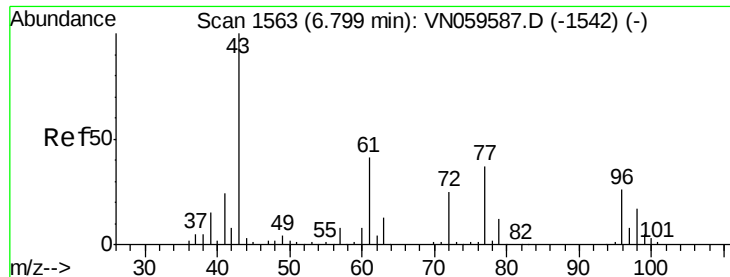
40000

20000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 52.623 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059645.D

Acq: 18 Dec 2019 11:53

Instrument :
MSVOA_N
ClientSampled :

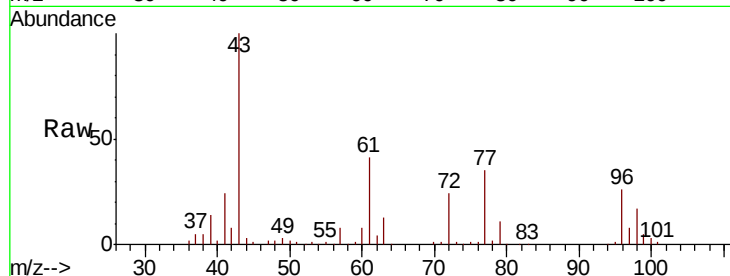
Tot Ion: 96 Resp: 160829

Ion Ratio Lower Upper

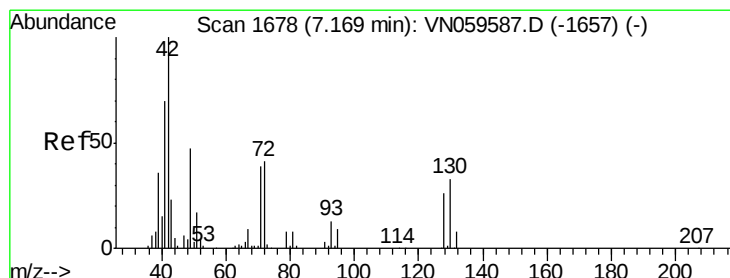
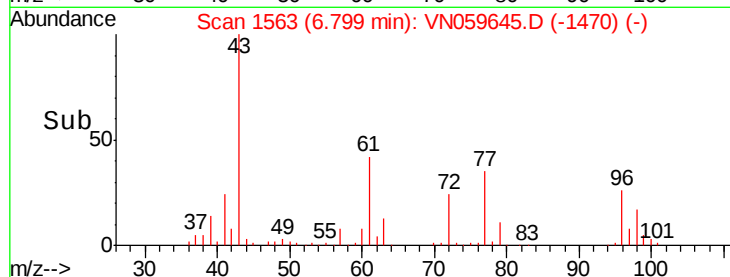
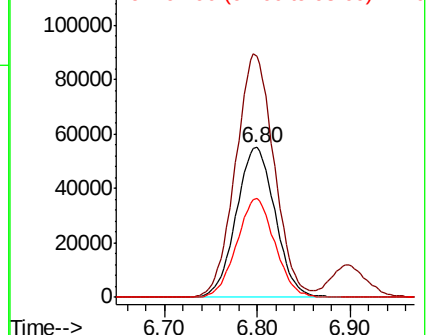
96 100

61 161.0 0.0 317.6

98 64.5 0.0 127.0



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



#28

Bromochloromethane

Concen: 30.928 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN059645.D

Acq: 18 Dec 2019 11:53

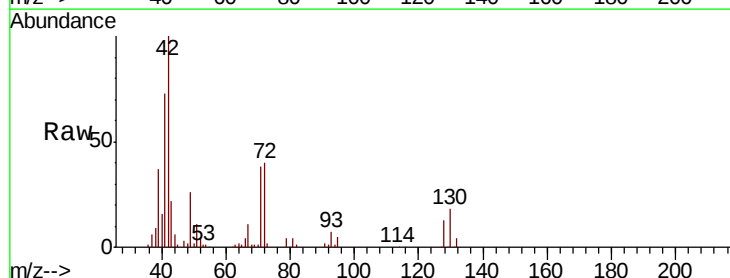
Tgt Ion: 49 Resp: 68530

Ion Ratio Lower Upper

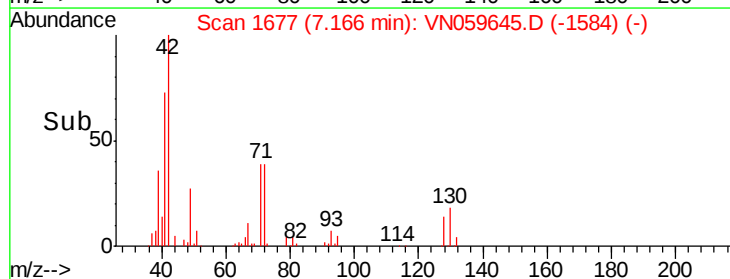
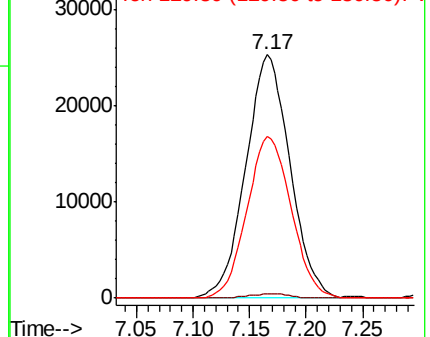
49 100

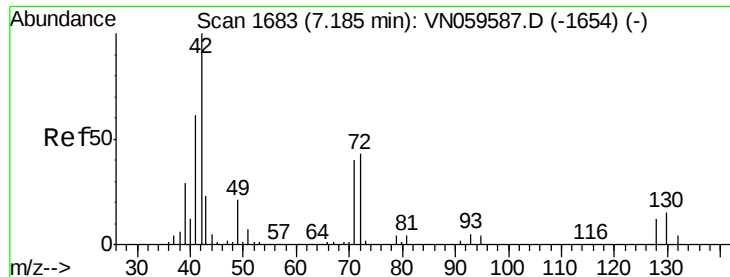
129 1.5 0.0 3.4

130 66.4 54.7 82.1



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

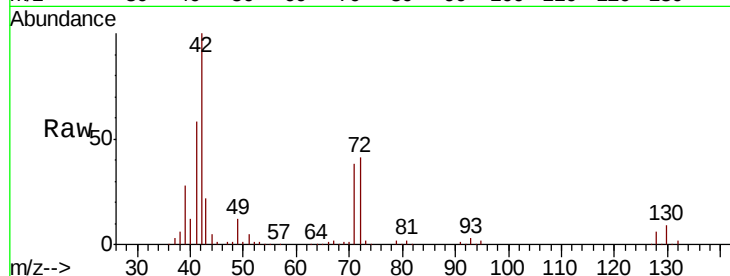




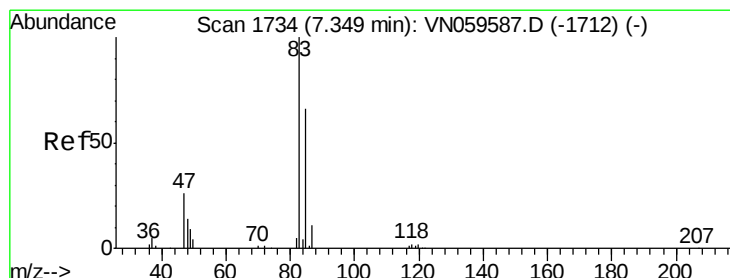
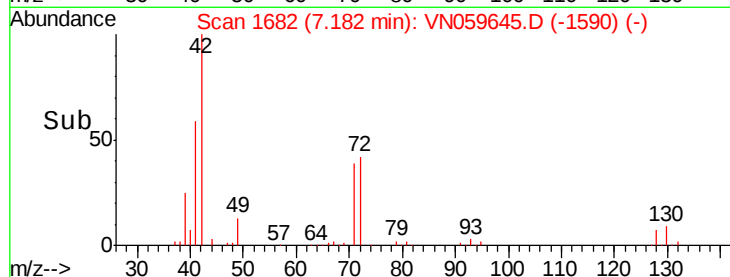
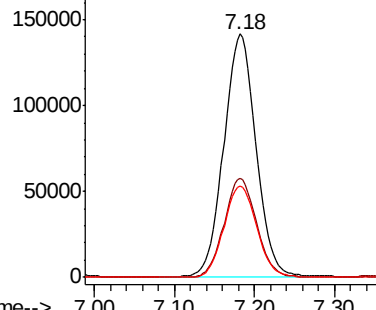
#29
Tetrahydrofuran
Concen: 263.498 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VN059645.D
Acq: 18 Dec 2019 11:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.1	33.1	49.7
71	38.4	31.4	47.0

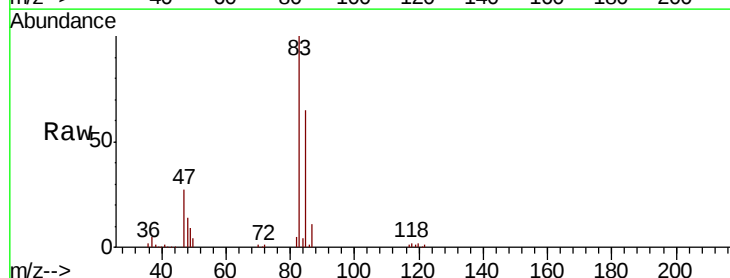


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

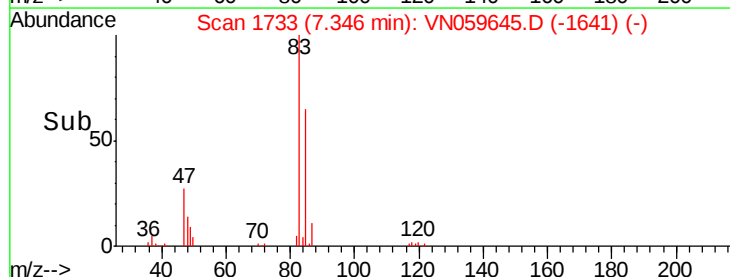
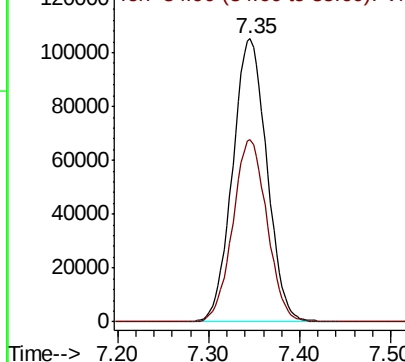


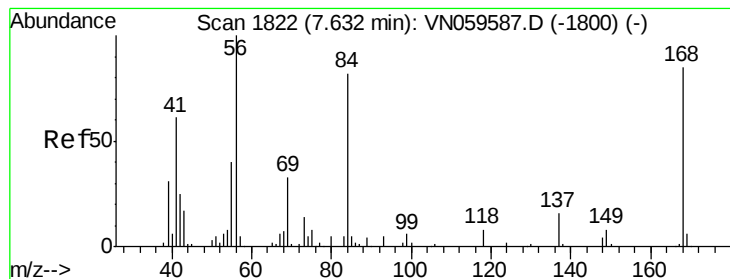
#30
Chloroform
Concen: 52.713 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN059645.D
Acq: 18 Dec 2019 11:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.4	78.6



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





#31

Cyclohexane

Concen: 49.966 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VN059645.D

Acq: 18 Dec 2019 11:53

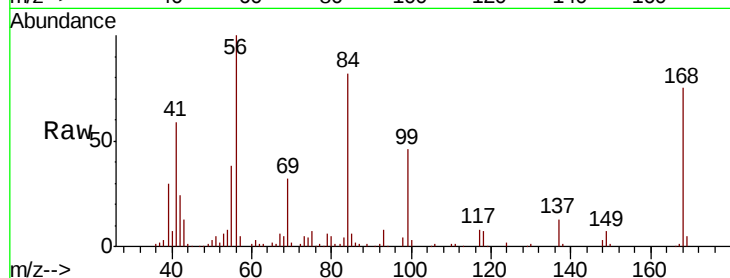
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 56 Resp: 250417

Ion	Ratio	Lower	Upper
56	100		
69	32.3	26.5	39.7
84	80.8	65.3	97.9

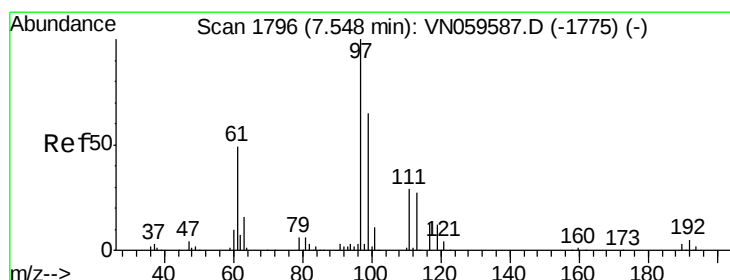
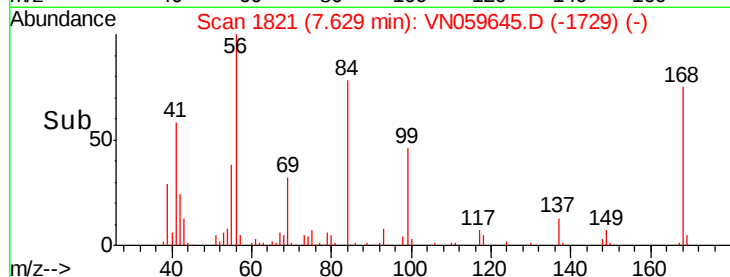
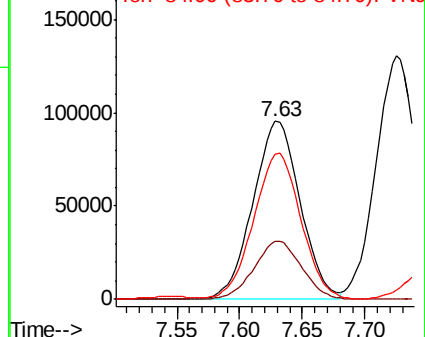


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 51.224 ug/l

RT: 7.54 min Scan# 1795

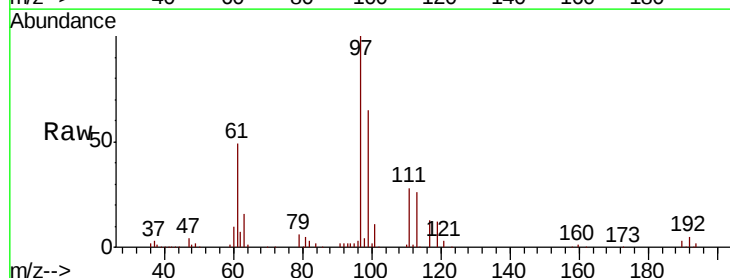
Delta R.T. -0.00 min

Lab File: VN059645.D

Acq: 18 Dec 2019 11:53

Tgt Ion: 97 Resp: 241112

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.0	76.4
61	47.9	38.5	57.7

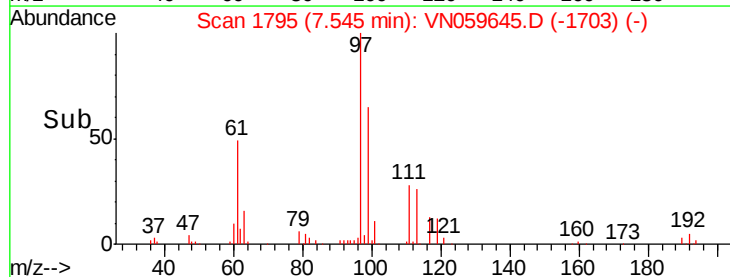
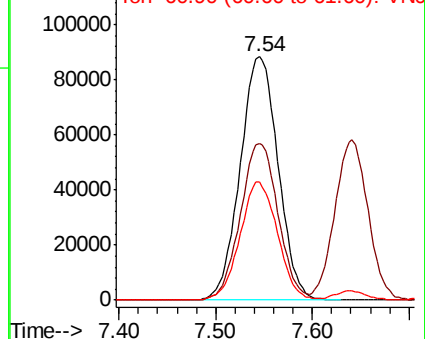


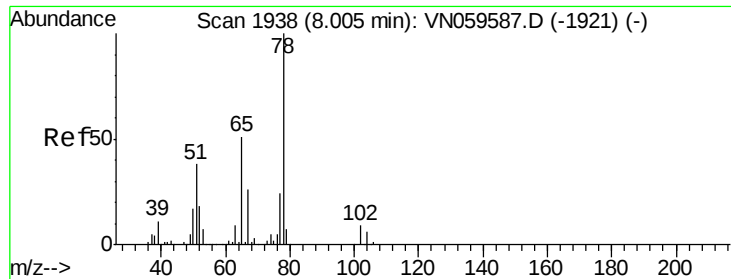
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

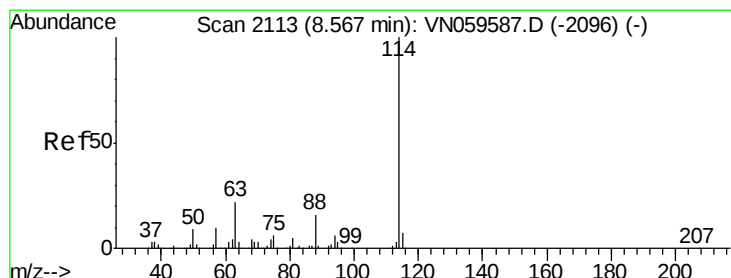
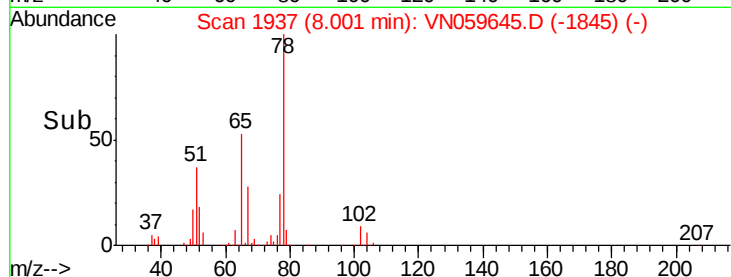
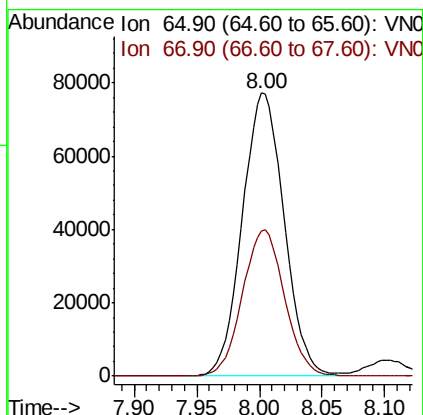
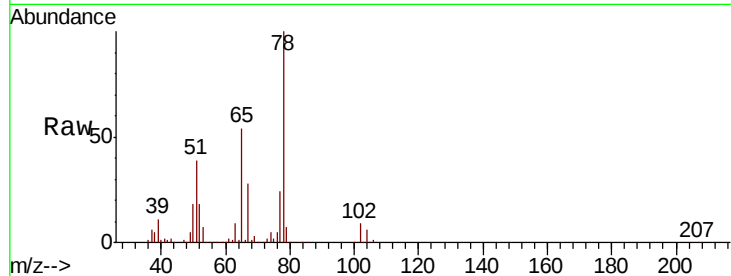




#33
 1,2-Dichloroethane-d4
 Concen: 52.232 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059645.D
 Acq: 18 Dec 2019 11:53

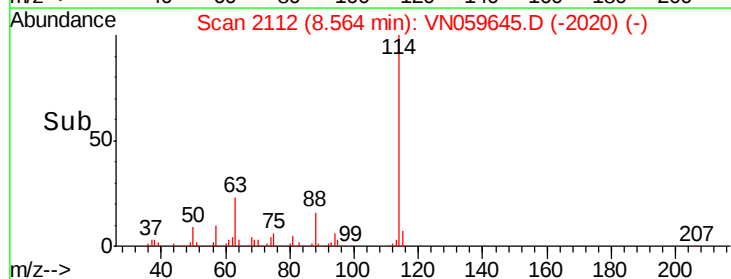
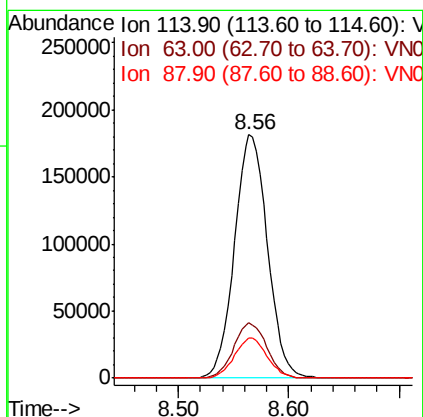
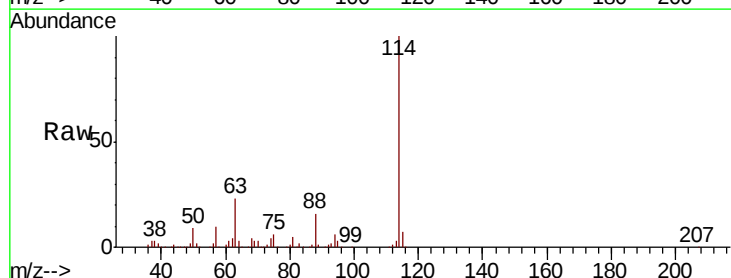
Instrument :
 MSVOA_N
 ClientSampleId :

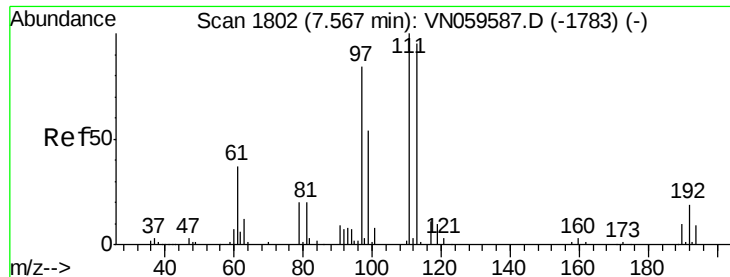
Tot Ion: 65 Resp: 179283
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059645.D
 Acq: 18 Dec 2019 11:53

Tgt Ion: 114 Resp: 375567
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.6
 88 16.5 0.0 31.4

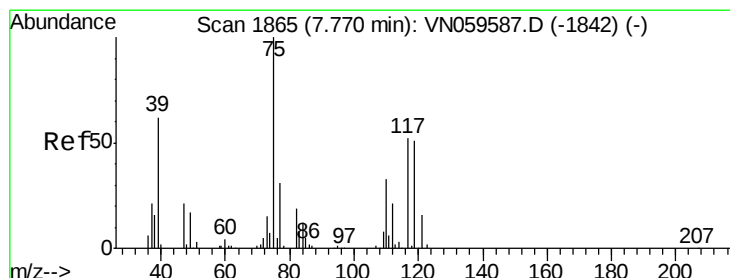
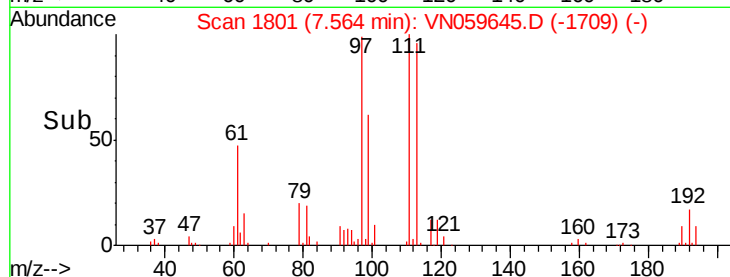
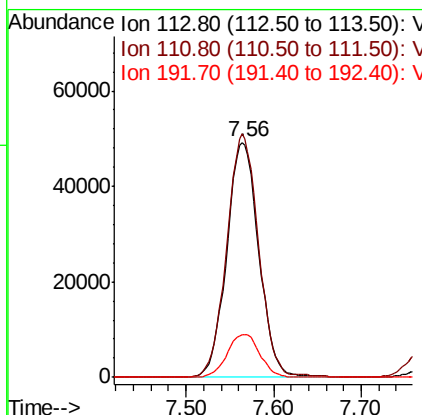
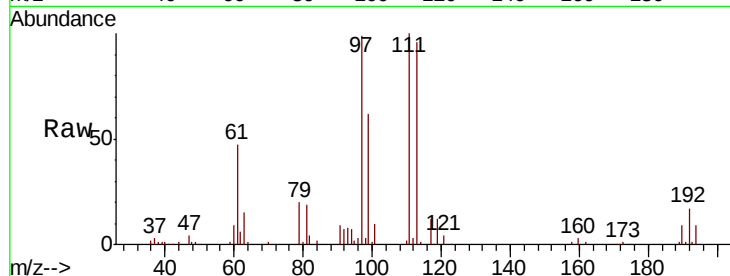




#35
 Dibromofluoromethane
 Concen: 53.112 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059645.D
 Acq: 18 Dec 2019 11:53

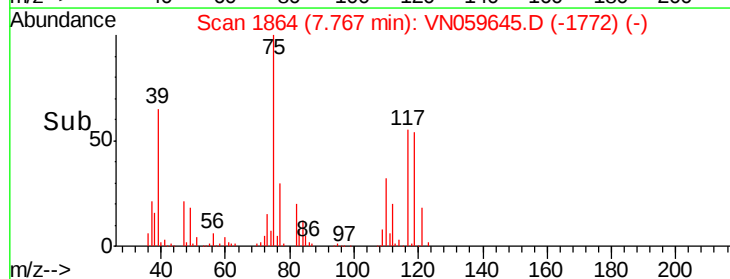
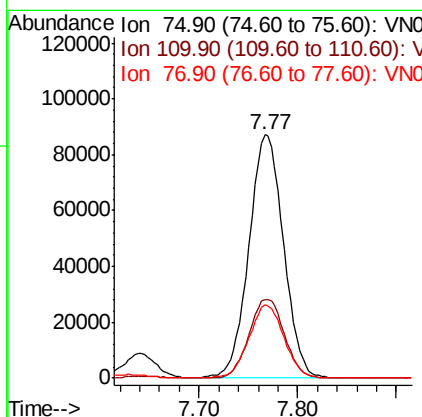
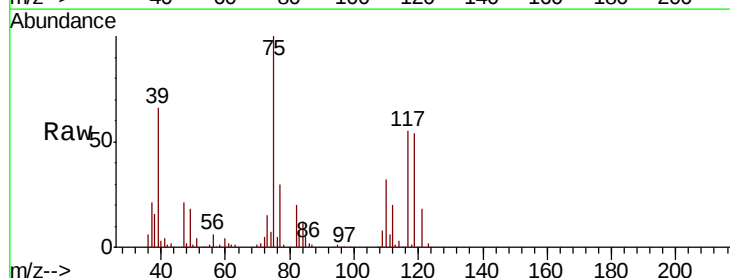
Instrument :
 MSVOA_N
 ClientSampleId :

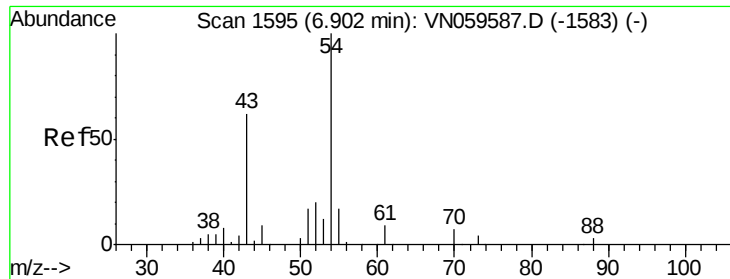
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.5	125.3
192	18.6	15.4	23.2



#36
 1,1-Dichloropropene
 Concen: 53.621 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN059645.D
 Acq: 18 Dec 2019 11:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.2	16.6	49.7
77	30.7	25.1	37.7

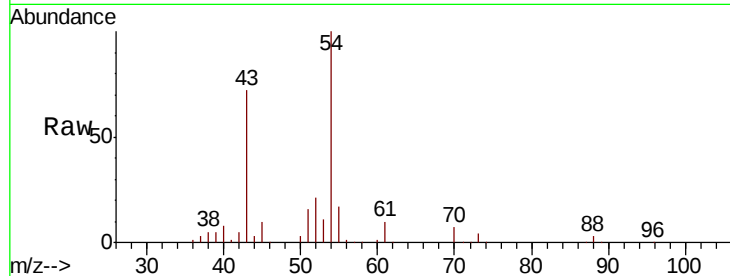




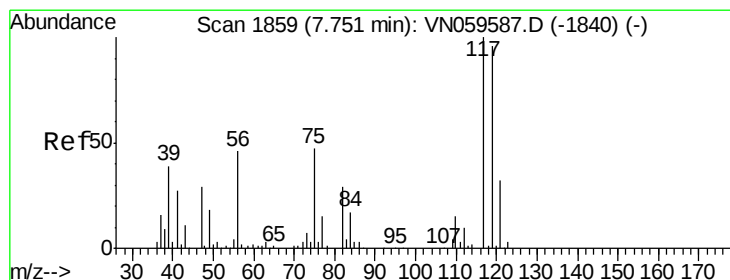
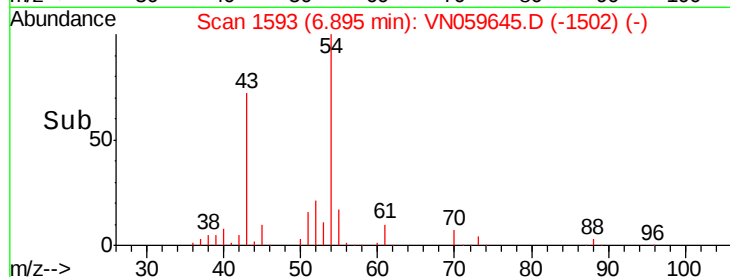
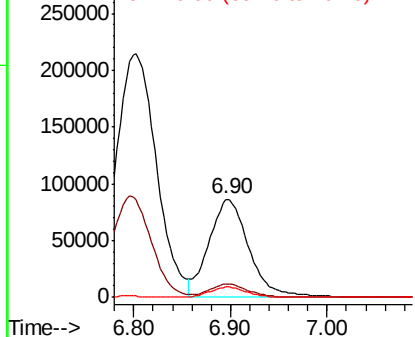
#37
Ethyl Acetate
Concen: 53.531 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. -0.01 min
Lab File: VN059645.D
Acq: 18 Dec 2019 11:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 243680
Ion Ratio Lower Upper
43 100
61 13.0 10.9 16.3
70 9.8 7.7 11.5

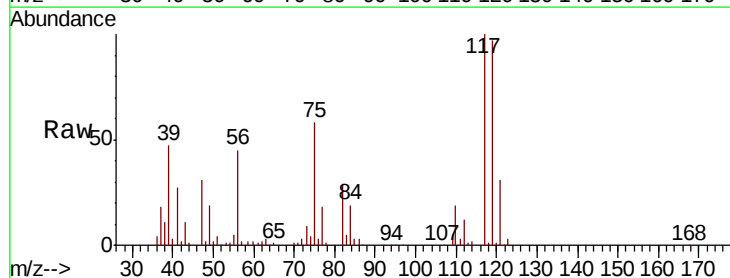


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

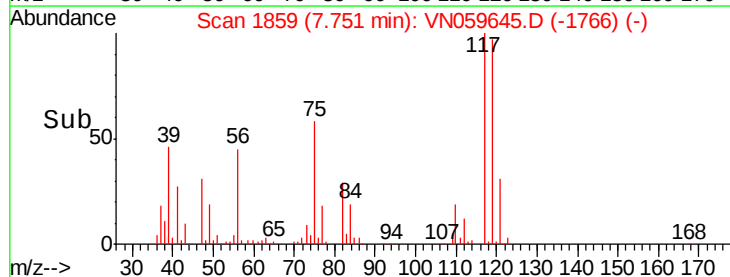
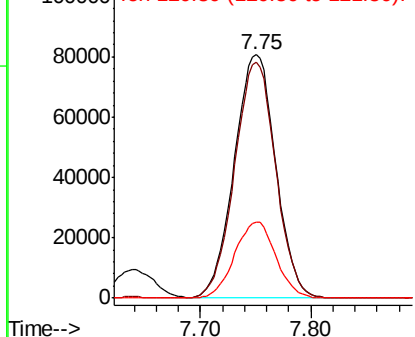


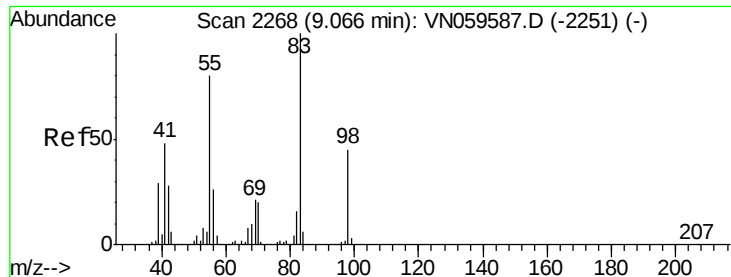
#38
Carbon Tetrachloride
Concen: 51.746 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059645.D
Acq: 18 Dec 2019 11:53

Tgt Ion: 117 Resp: 210304
Ion Ratio Lower Upper
117 100
119 96.9 76.5 114.7
121 31.3 25.1 37.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

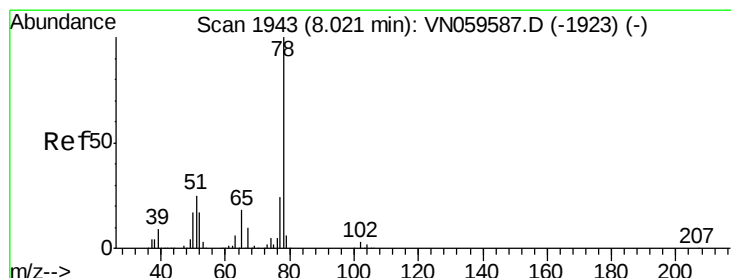
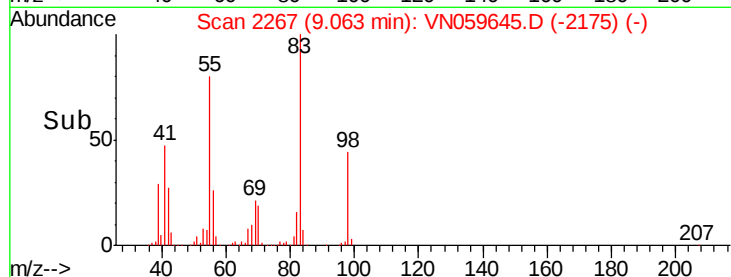
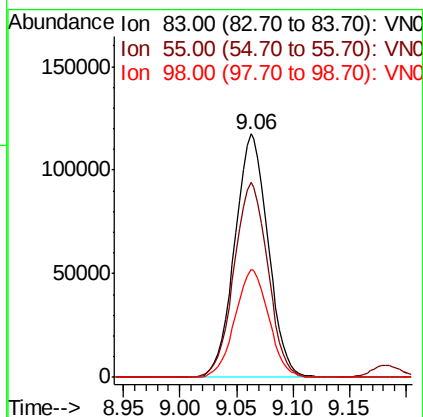
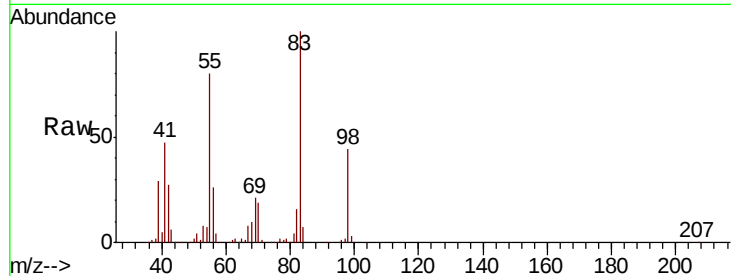




#39
Methvlcvclohexane
Concen: 54.265 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059645.D
Acq: 18 Dec 2019 11:53

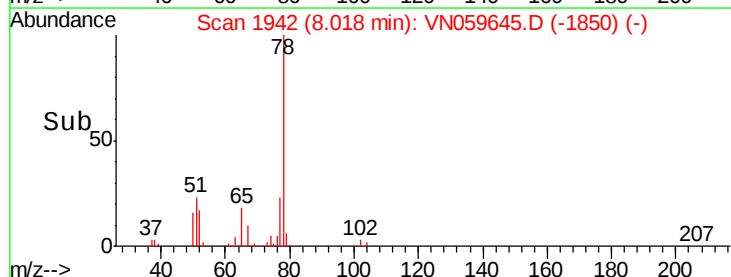
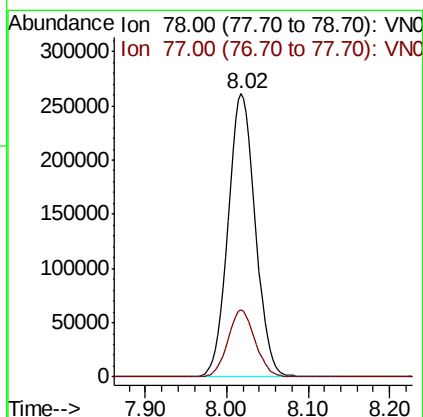
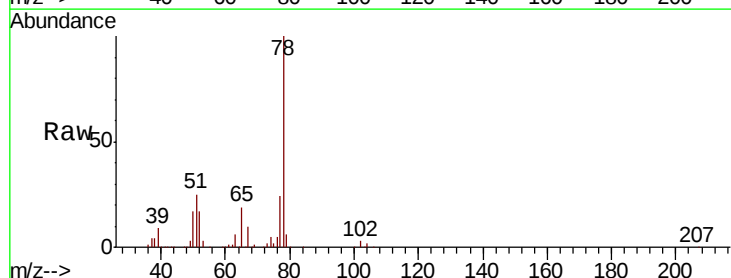
Instrument :
MSVOA_N
ClientSampled :

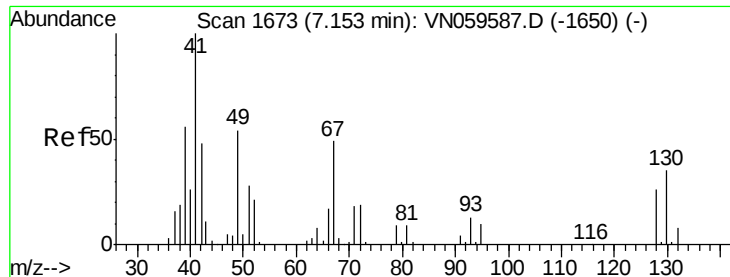
Tot Ion	83	Resp	241075
Ion Ratio	Lower	Upper	
83	100		
55	80.1	64.2	96.2
98	44.1	35.9	53.9



#40
Benzene
Concen: 53.473 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059645.D
Acq: 18 Dec 2019 11:53

Tgt Ion	78	Resp	612047
Ion Ratio	Lower	Upper	
78	100		
77	23.7	18.9	28.3

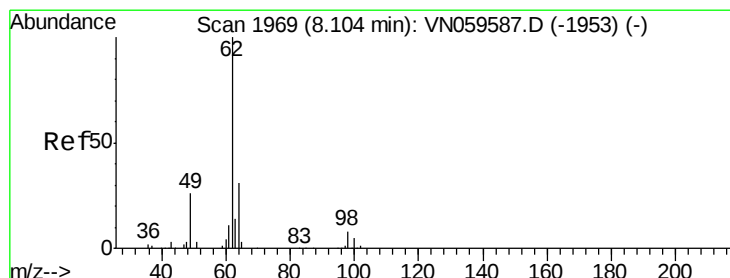
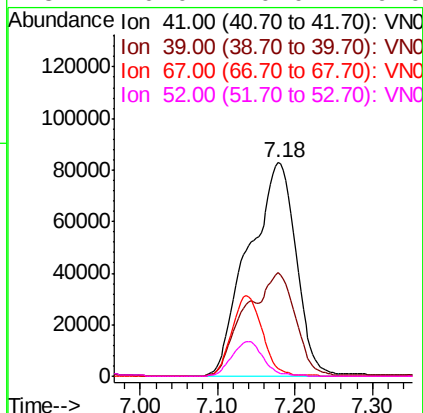
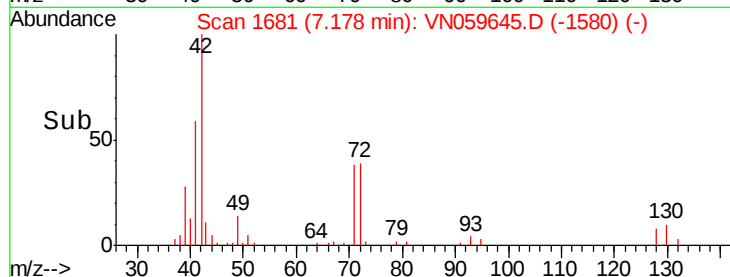
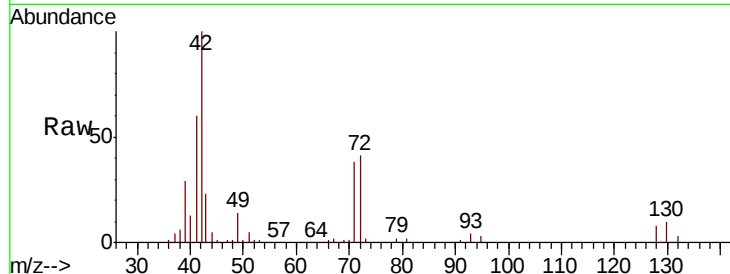




#41
Methacrylonitrile
Concen: 187.451 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN059645.D
Acq: 18 Dec 2019 11:53

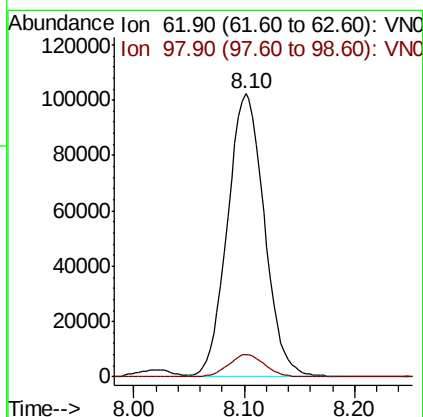
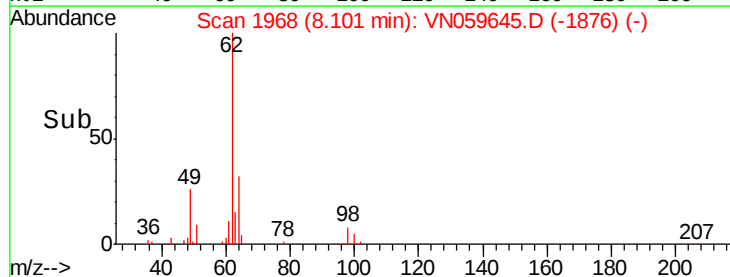
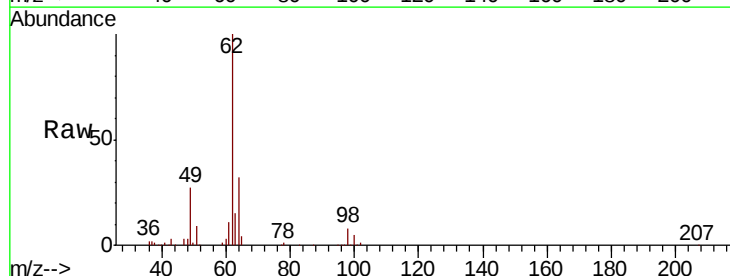
Instrument :
MSVOA_N
ClientSampleId :

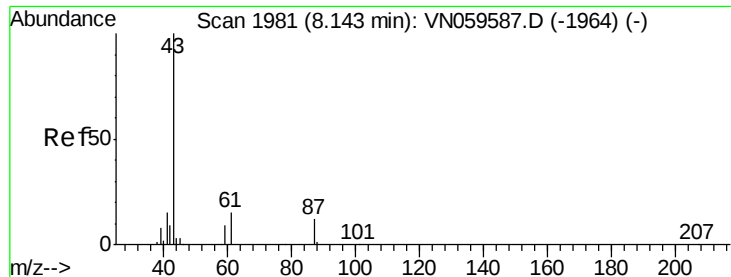
Tot Ion:	41	Resp:	352158
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 53.887 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN059645.D
Acq: 18 Dec 2019 11:53

Tgt Ion:	62	Resp:	236207
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.8

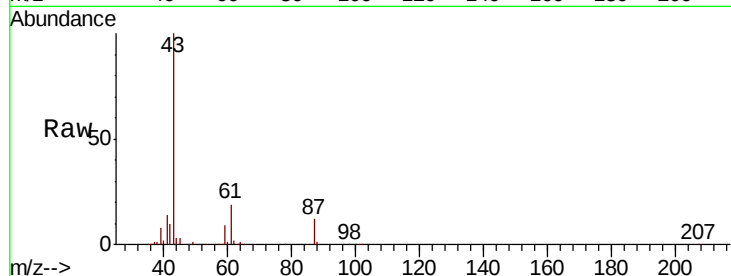




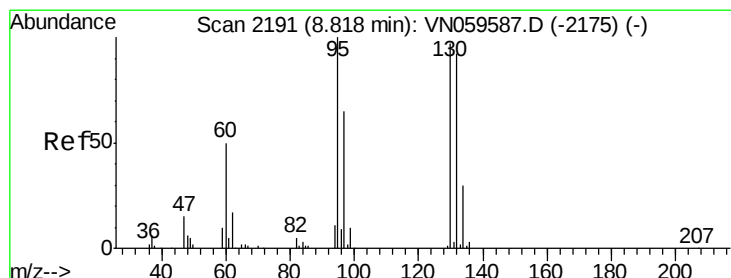
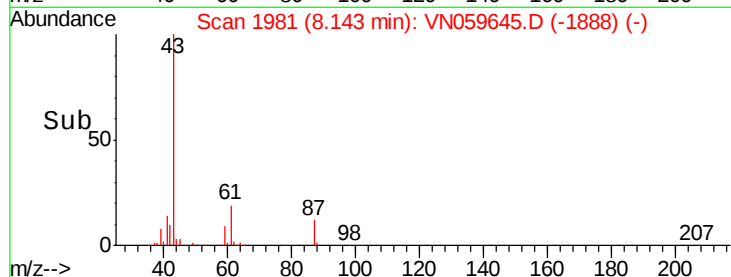
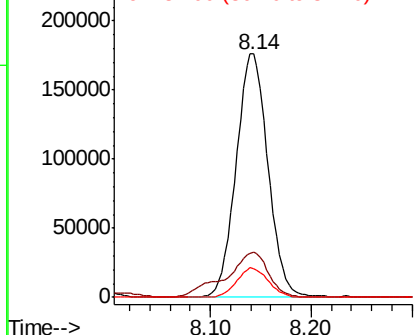
#43
Isopropyl Acetate
Concen: 54.287 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. 0.00 min
Lab File: VN059645.D
Acq: 18 Dec 2019 11:53

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 384209
Ion Ratio Lower Upper
43 100
61 25.0 20.2 30.2
87 12.1 9.5 14.3

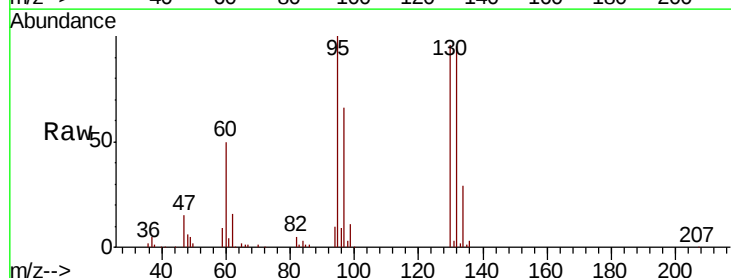


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

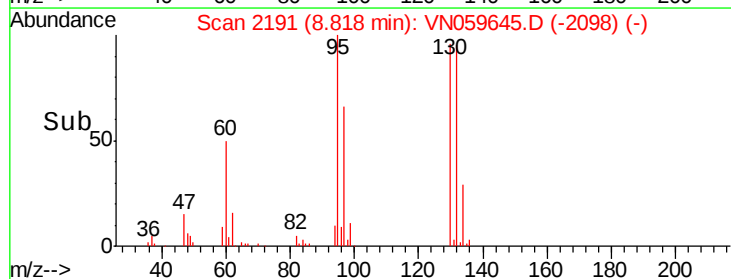
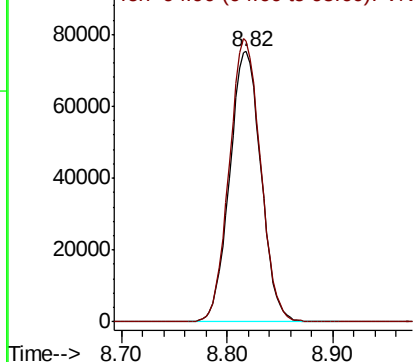


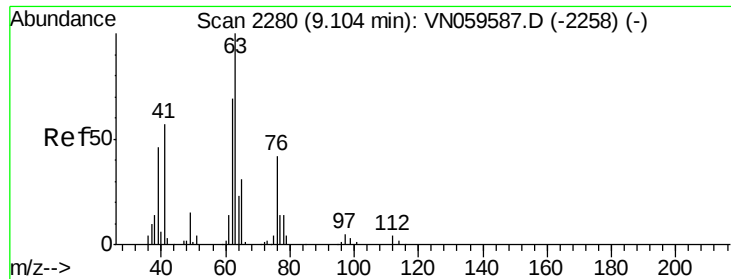
#44
Trichloroethene
Concen: 51.653 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. 0.00 min
Lab File: VN059645.D
Acq: 18 Dec 2019 11:53

Tgt Ion:130 Resp: 154859
Ion Ratio Lower Upper
130 100
95 103.7 0.0 207.0



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

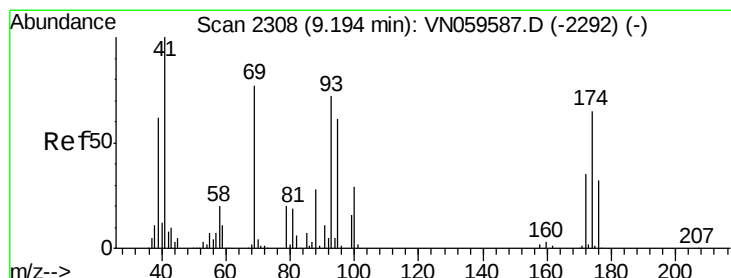
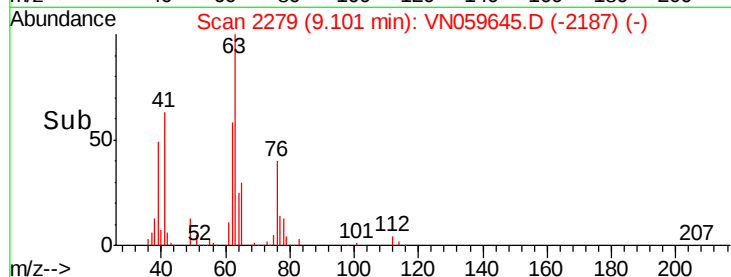
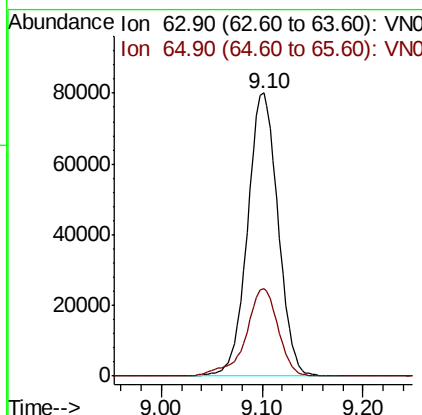
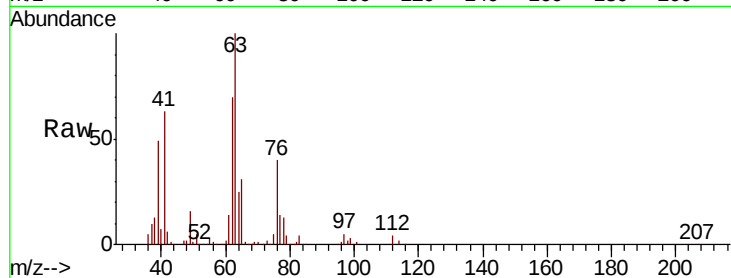




#45
 1,2-Dichloropropane
 Concen: 53.997 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN059645.D
 Acq: 18 Dec 2019 11:53

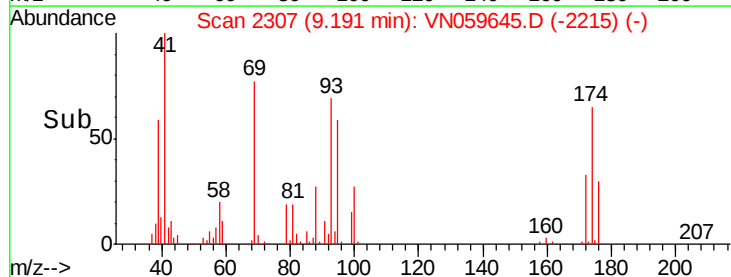
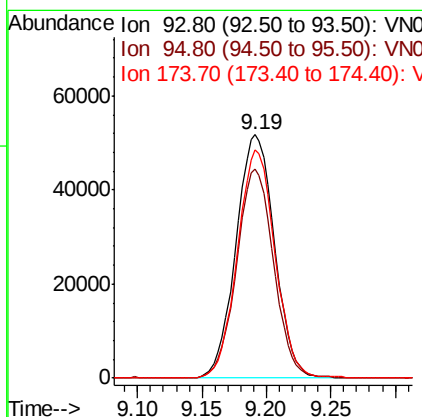
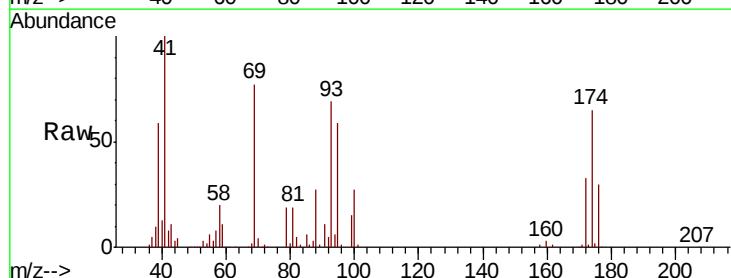
Instrument :
 MSVOA_N
 ClientSampleId :

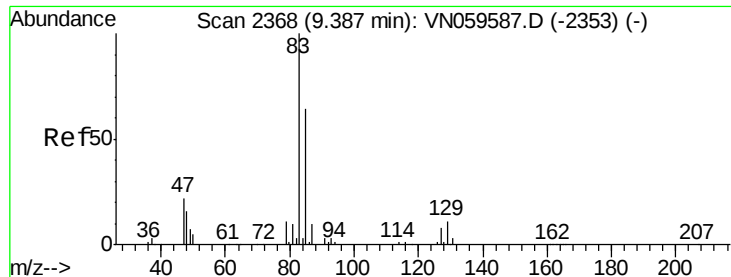
Tot Ion: 63 Resp: 166894
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.9 37.3



#46
 Dibromomethane
 Concen: 53.088 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN059645.D
 Acq: 18 Dec 2019 11:53

Tgt Ion: 93 Resp: 107501
 Ion Ratio Lower Upper
 93 100
 95 83.0 67.0 100.6
 174 91.7 73.4 110.2

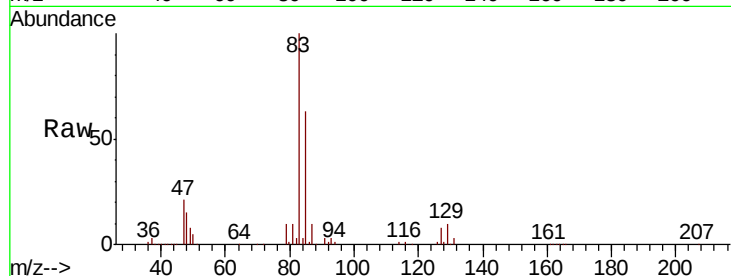




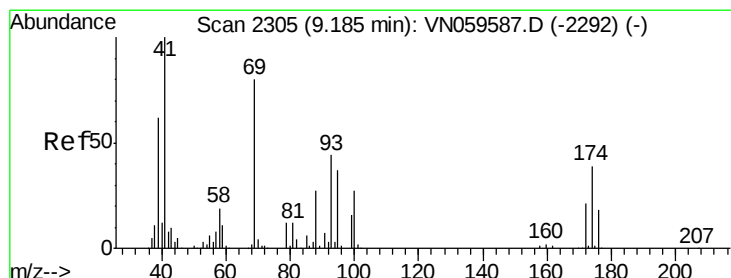
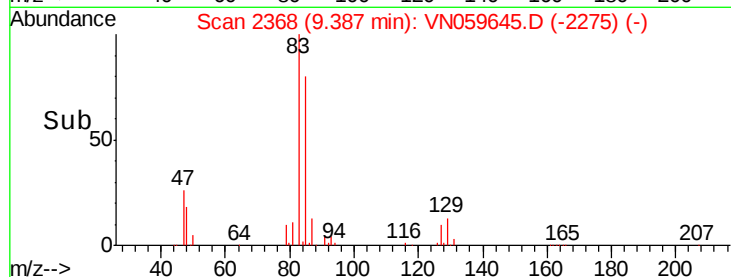
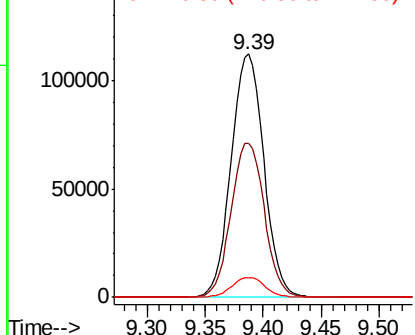
#47
Bromodichloromethane
Concen: 54.531 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN059645.D
Acq: 18 Dec 2019 11:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 220153
Ion Ratio Lower Upper
83 100
85 63.4 51.1 76.7
127 8.3 6.6 9.8

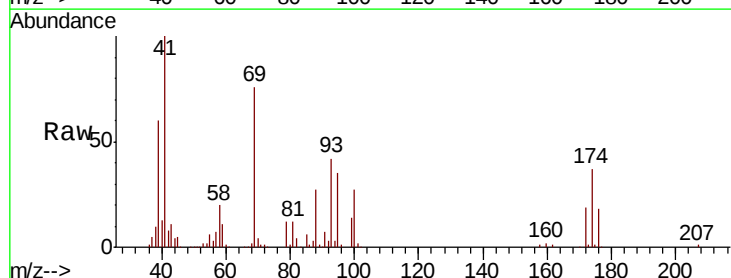


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

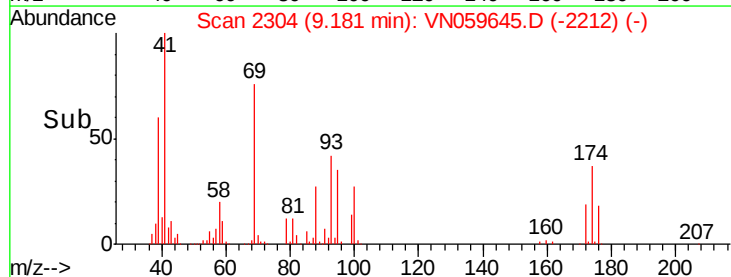
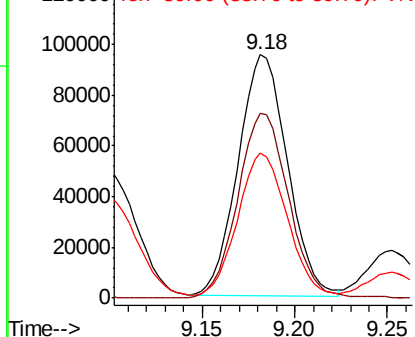


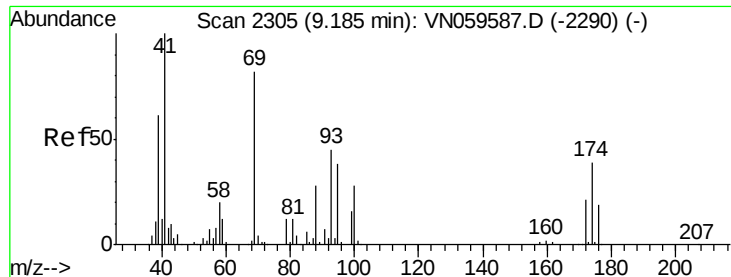
#48
Methyl methacrylate
Concen: 54.466 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.00 min
Lab File: VN059645.D
Acq: 18 Dec 2019 11:53

Tgt Ion: 41 Resp: 174891
Ion Ratio Lower Upper
41 100
69 79.5 64.4 96.6
39 61.3 51.3 76.9



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

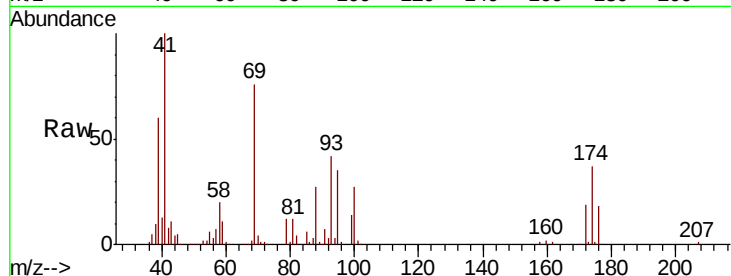




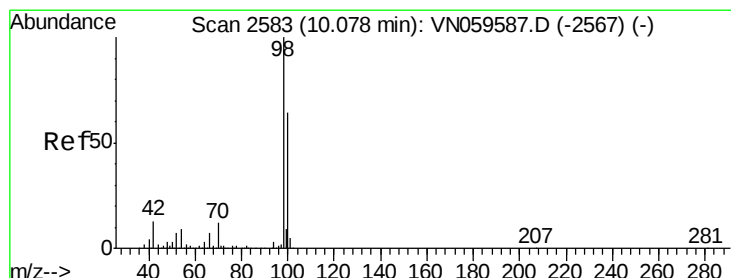
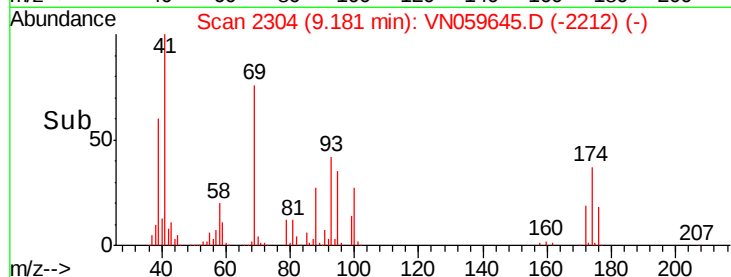
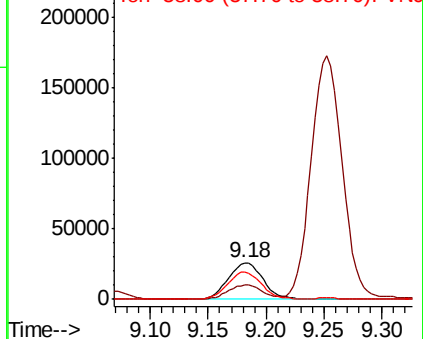
#49
1,4-Dioxane
Concen: 1176.040 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.00 min
Lab File: VN059645.D
Acq: 18 Dec 2019 11:53

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 54116
Ion Ratio Lower Upper
88 100
43 38.7 29.7 44.5
58 73.4 56.6 85.0

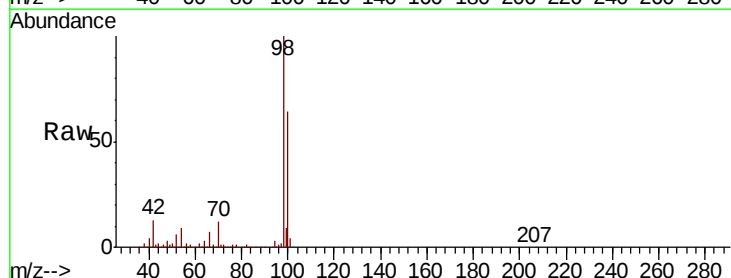


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

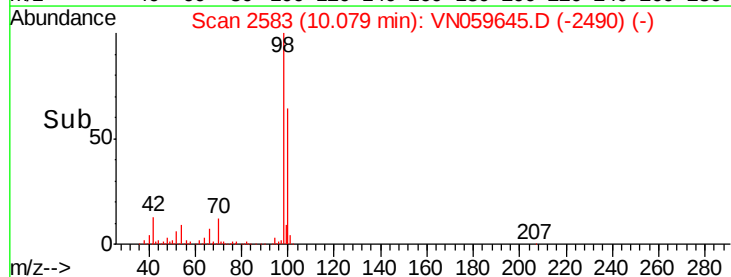
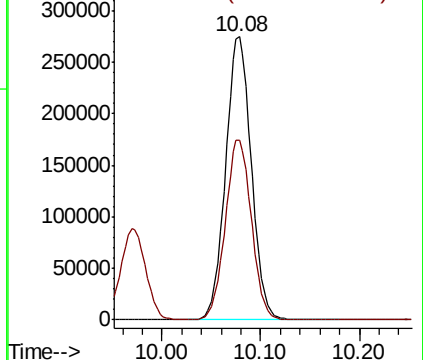


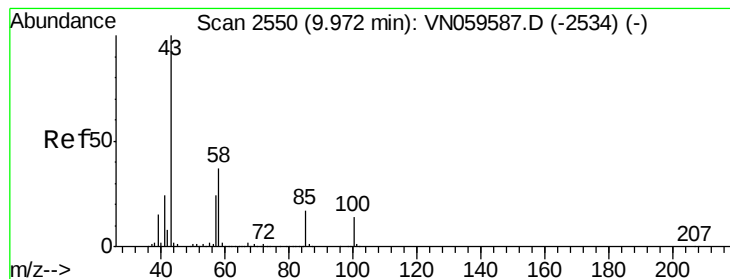
#50
Toluene-d8
Concen: 53.814 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059645.D
Acq: 18 Dec 2019 11:53

Tgt Ion: 98 Resp: 500655
Ion Ratio Lower Upper
98 100
100 64.5 51.2 76.8



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: 285.533 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN059645.D

Acq: 18 Dec 2019 11:53

Instrument :

MSVOA_N

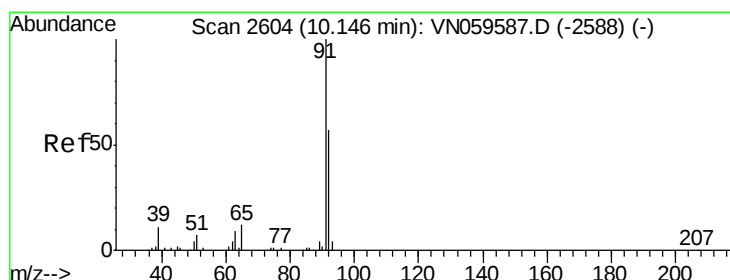
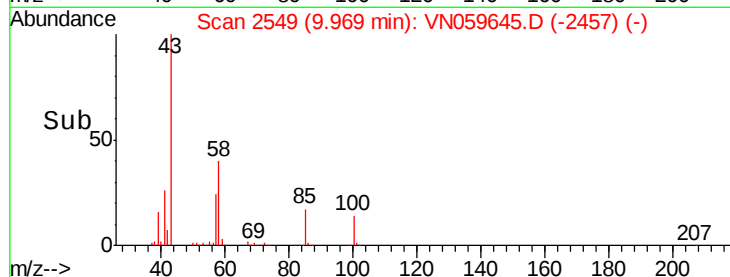
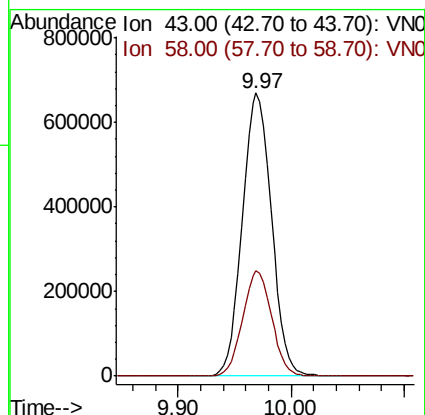
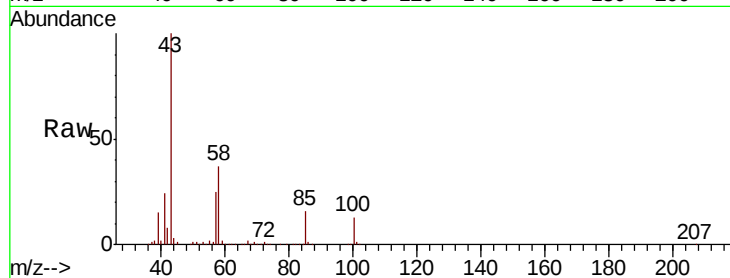
ClientSampleId :

Tot Ion: 43 Resp: 1204864

Ion Ratio Lower Upper

43 100

58 37.0 29.8 44.8



#52

Toluene

Concen: 52.969 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN059645.D

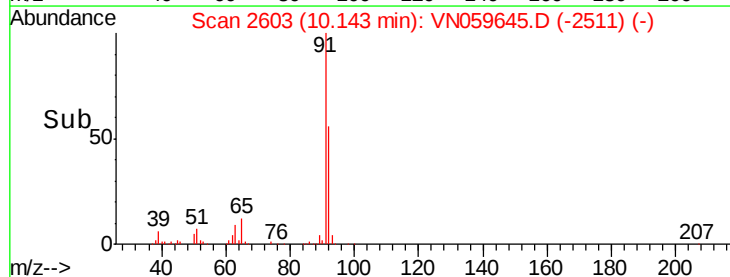
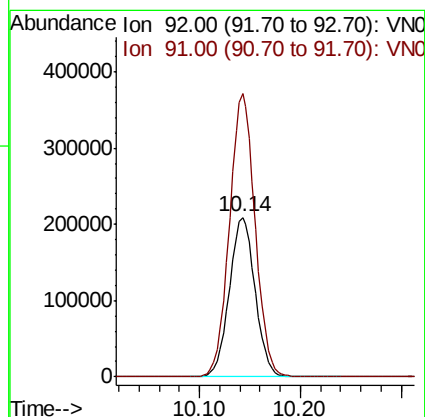
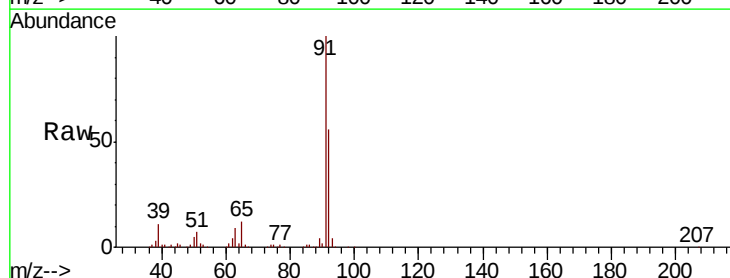
Acq: 18 Dec 2019 11:53

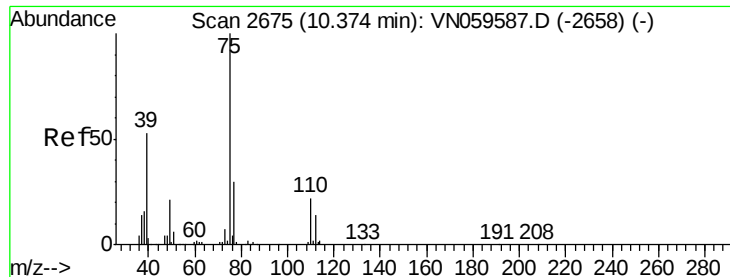
Tgt Ion: 92 Resp: 372517

Ion Ratio Lower Upper

92 100

91 176.6 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 54.660 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN059645.D

Acq: 18 Dec 2019 11:53

Instrument :

MSVOA_N

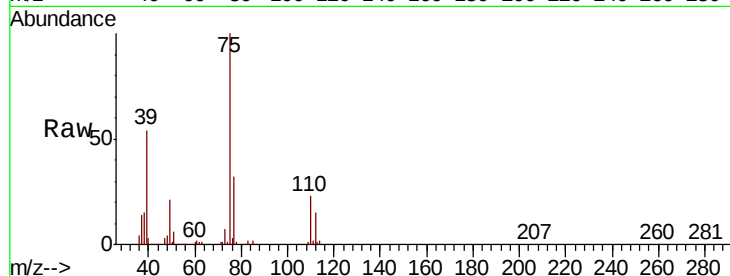
ClientSampleId :

Tot Ion: 75 Resp: 255216

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.37

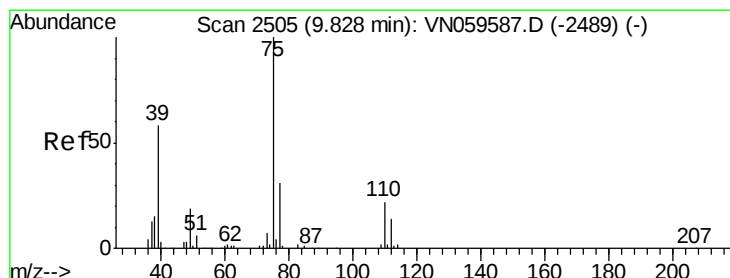
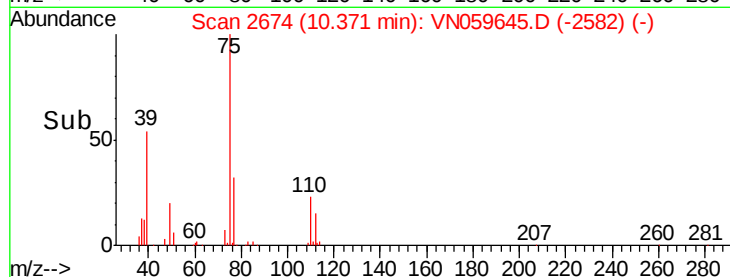
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 55.382 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN059645.D

Acq: 18 Dec 2019 11:53

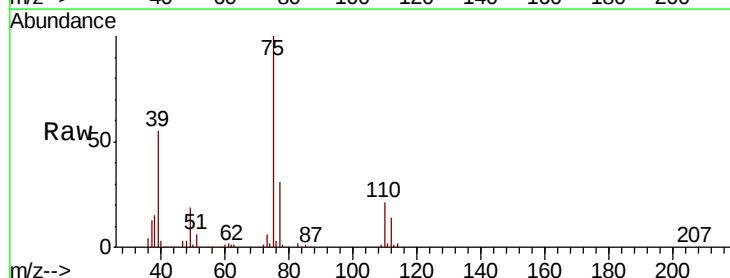
Tgt Ion: 75 Resp: 271815

Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7

39 55.4 46.1 69.1



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

200000

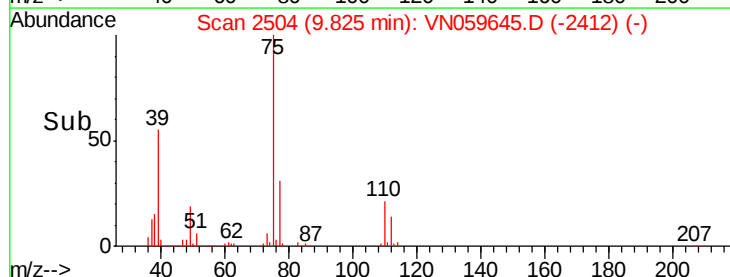
150000

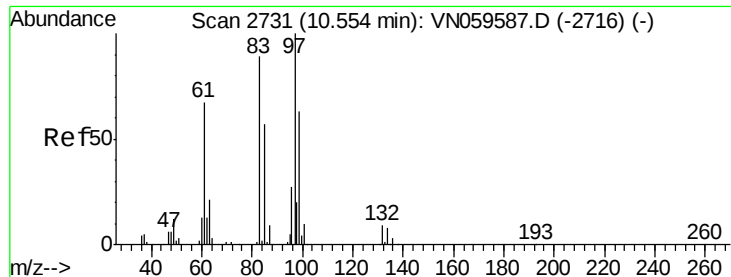
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 53.992 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. -0.00 min

Lab File: VN059645.D

Acq: 18 Dec 2019 11:53

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 149000

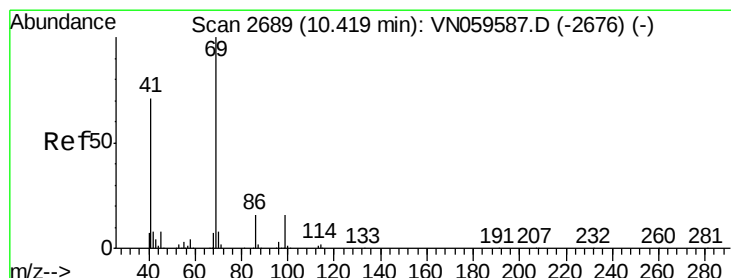
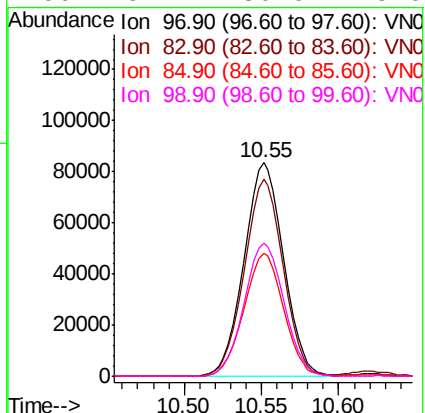
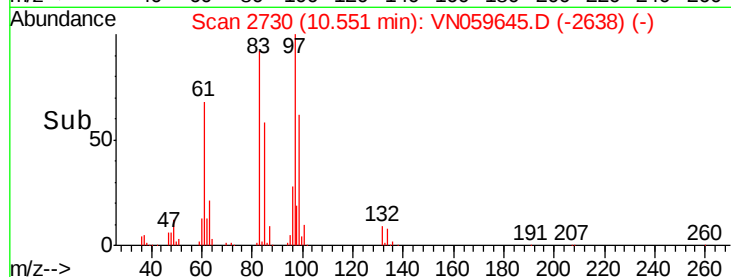
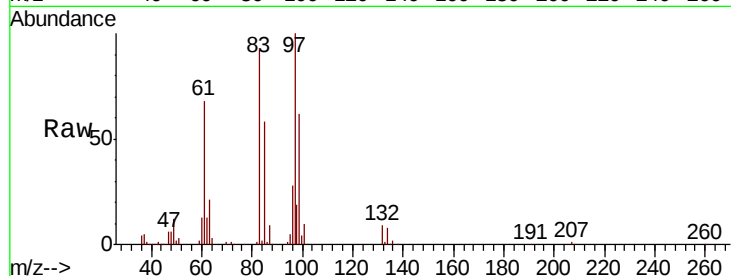
Ion	Ratio	Lower	Upper
97	100		
83	92.4	71.3	106.9
85	57.8	45.8	68.8
99	62.4	50.0	75.0

97 100

83 92.4 71.3 106.9

85 57.8 45.8 68.8

99 62.4 50.0 75.0



#56

Ethyl methacrylate

Concen: 56.672 ug/l

RT: 10.42 min Scan# 2689

Delta R.T. 0.00 min

Lab File: VN059645.D

Acq: 18 Dec 2019 11:53

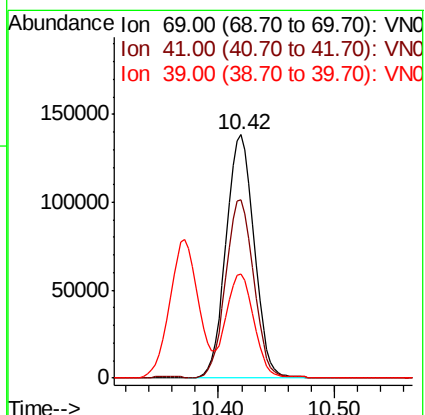
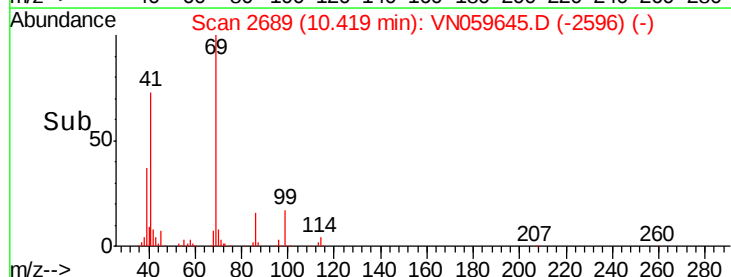
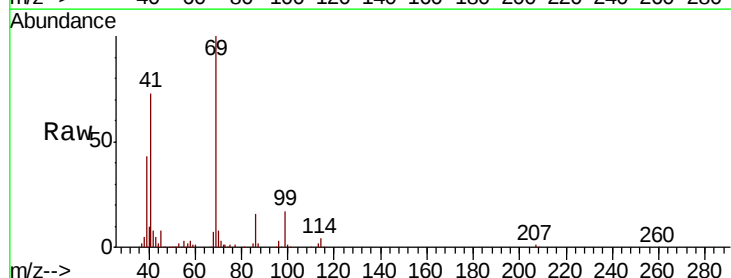
Tgt Ion: 69 Resp: 232176

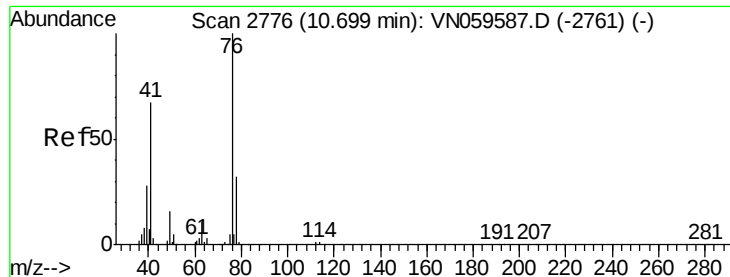
Ion	Ratio	Lower	Upper
69	100		
41	72.8	57.1	85.7
39	41.8	34.7	52.1

69 100

41 72.8 57.1 85.7

39 41.8 34.7 52.1





#57

1,3-Dichloropropane

Concen: 54.364 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN059645.D

Acq: 18 Dec 2019 11:53

Instrument :

MSVOA_N

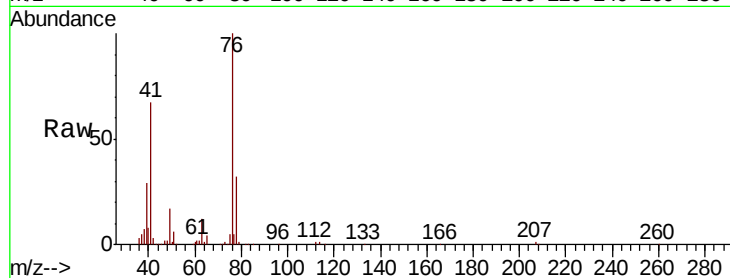
ClientSampleId :

Tot Ion: 76 Resp: 261217

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.70

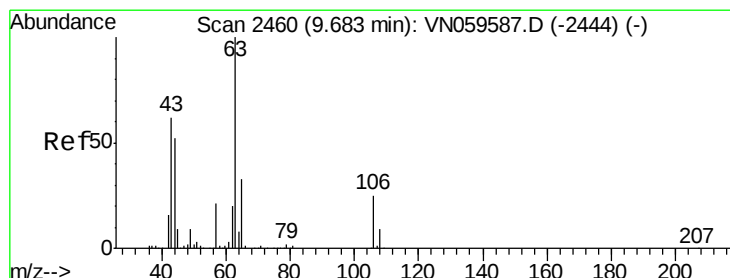
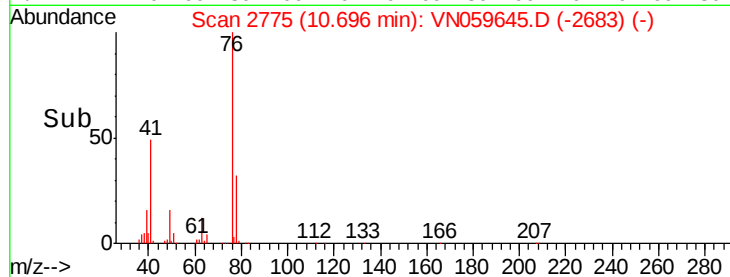
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 118.552 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN059645.D

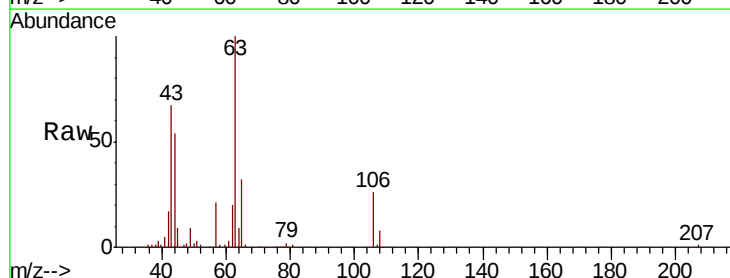
Acq: 18 Dec 2019 11:53

Tgt Ion: 63 Resp: 154468

Ion Ratio Lower Upper

63 100

106 24.9 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.68

100000

80000

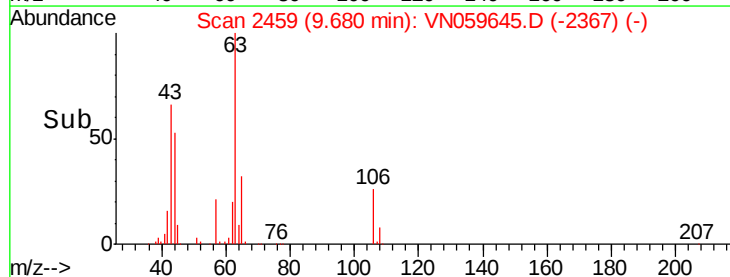
60000

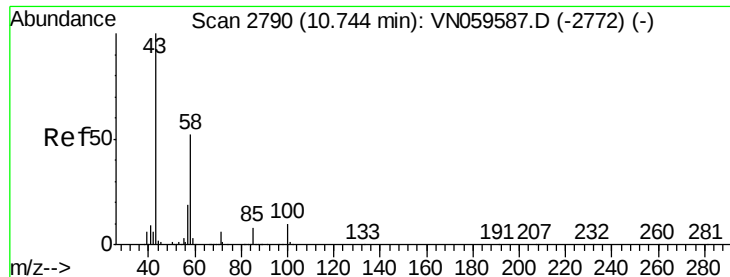
40000

20000

0

Time-->

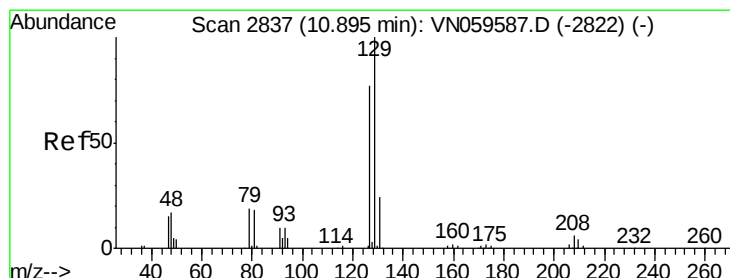
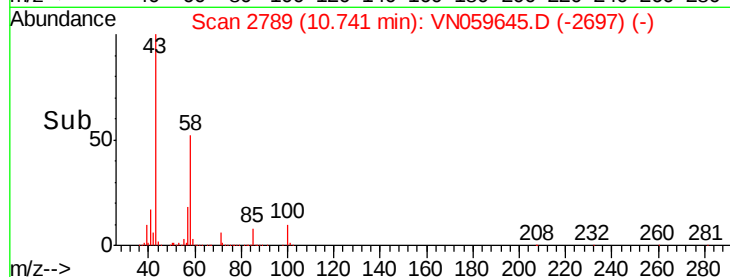
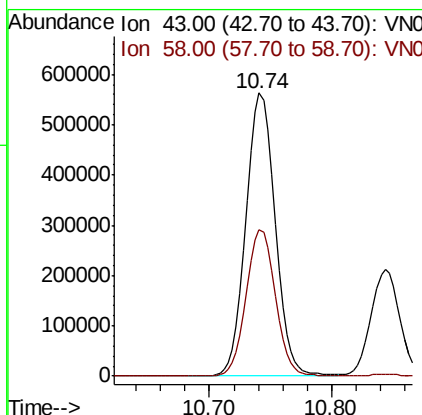
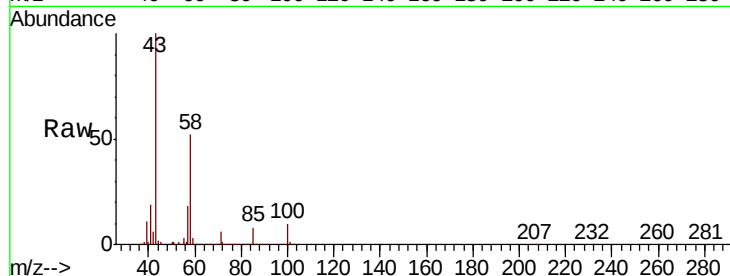




#59
2-Hexanone
Concen: 278.964 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN059645.D
Acq: 18 Dec 2019 11:53

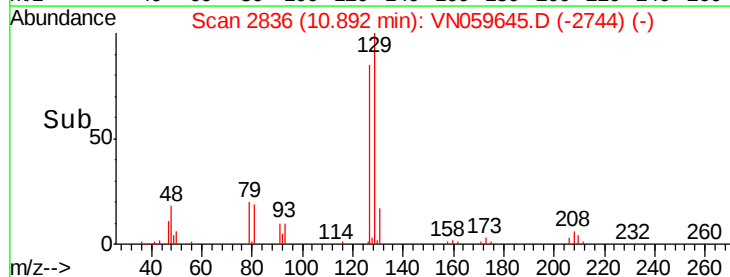
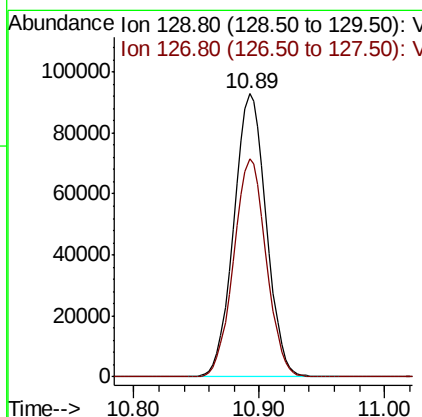
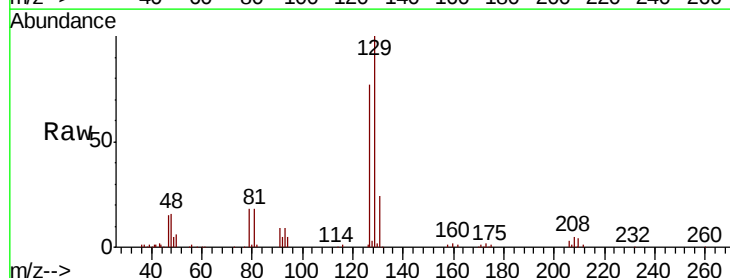
Instrument :
MSVOA_N
ClientSampled :

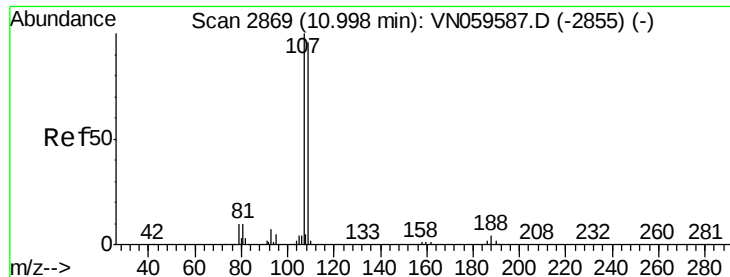
Tot Ion: 43 Resp: 927745
Ion Ratio Lower Upper
43 100
58 51.8 25.8 77.3



#60
Dibromochloromethane
Concen: 55.293 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN059645.D
Acq: 18 Dec 2019 11:53

Tgt Ion: 129 Resp: 166541
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5

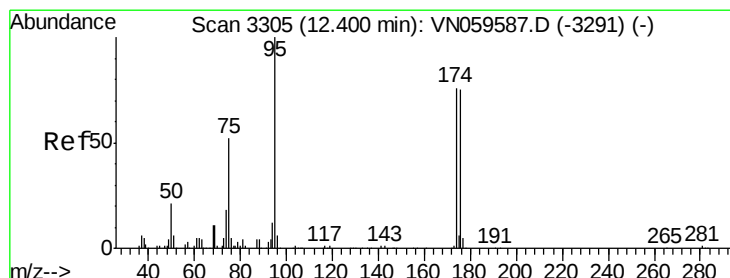
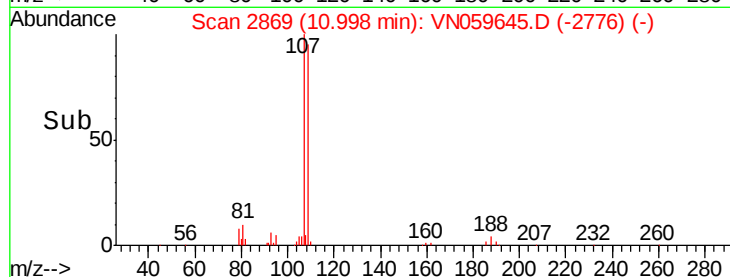
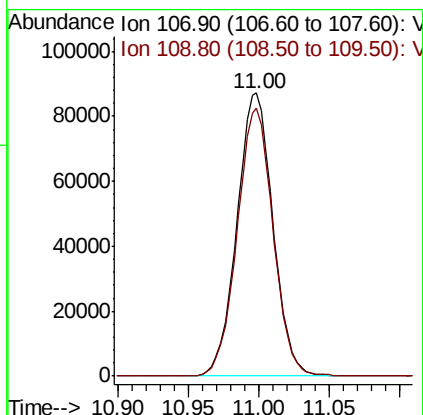
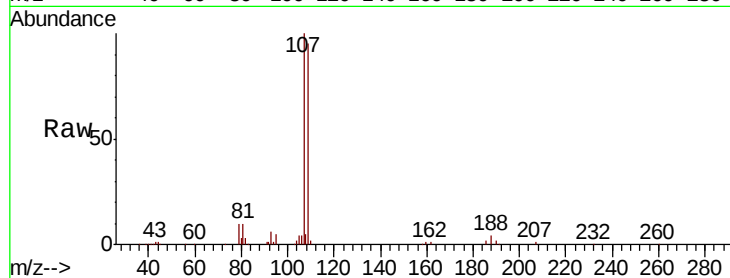




#61
 1,2-Dibromoethane
 Concen: 53.210 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN059645.D
 Acq: 18 Dec 2019 11:53

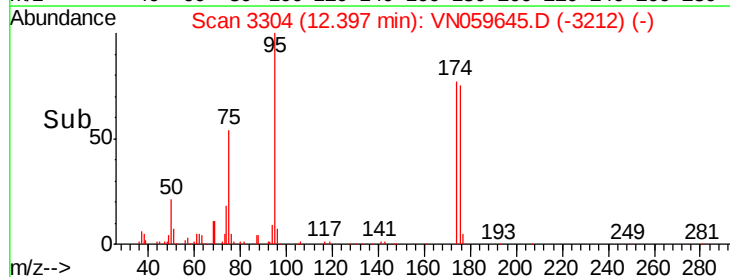
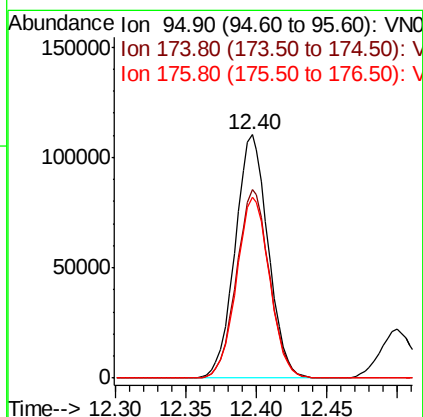
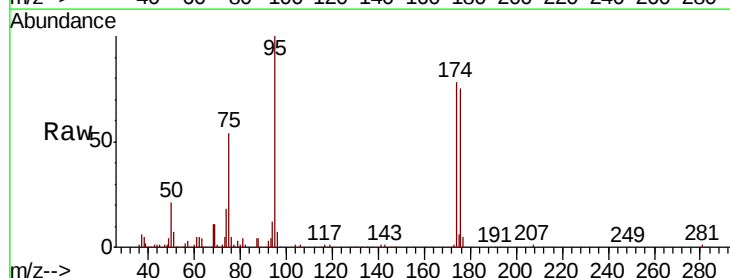
Instrument :
 MSVOA_N
 ClientSampleId :

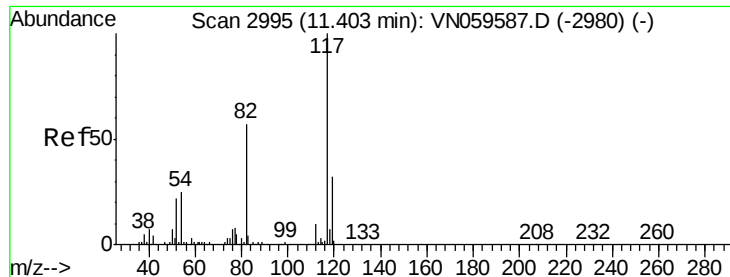
Tot Ion: 107 Resp: 155732
 Ion Ratio Lower Upper
 107 100
 109 94.5 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 53.367 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN059645.D
 Acq: 18 Dec 2019 11:53

Tgt Ion: 95 Resp: 181167
 Ion Ratio Lower Upper
 95 100
 174 77.2 0.0 151.4
 176 74.5 0.0 146.0

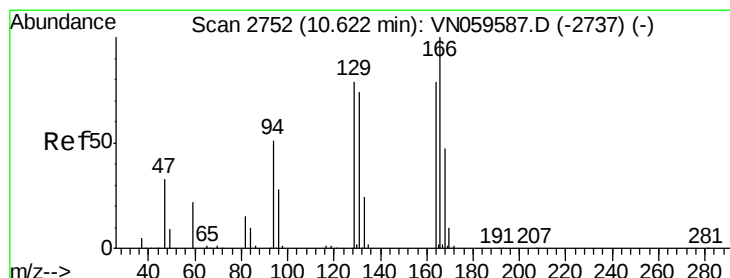
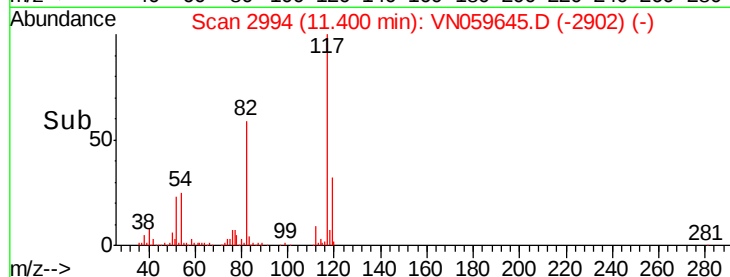
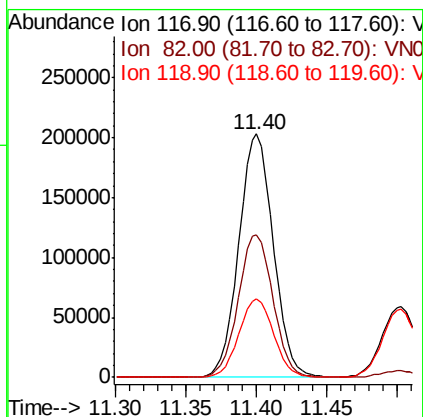
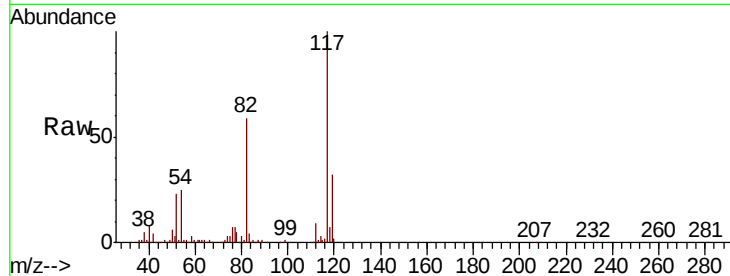




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN059645.D
Acq: 18 Dec 2019 11:53

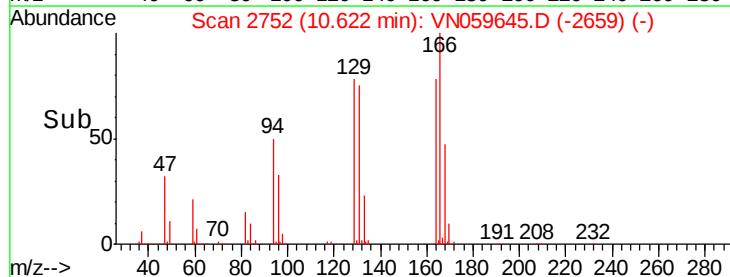
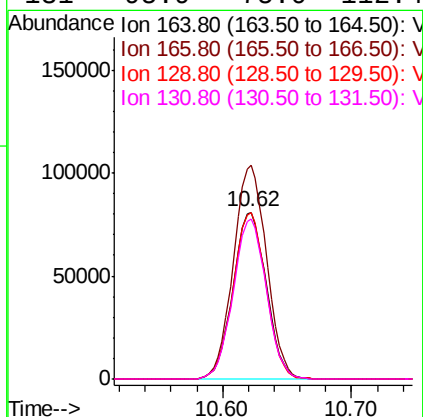
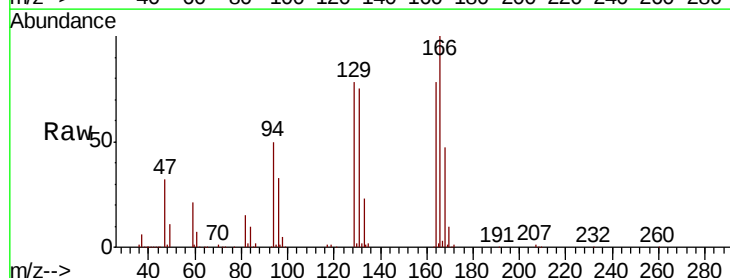
Instrument :
MSVOA_N
ClientSampled :

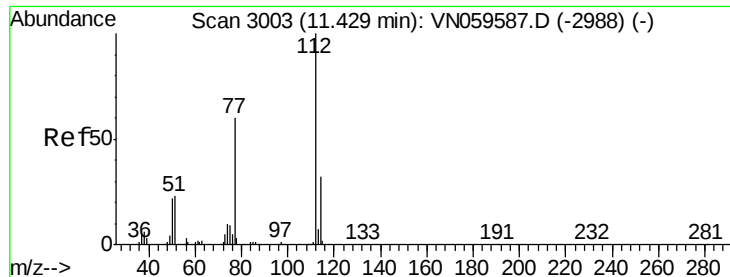
Tot Ion:117 Resp: 348449
Ion Ratio Lower Upper
117 100
82 58.6 45.9 68.9
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 44.645 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059645.D
Acq: 18 Dec 2019 11:53

Tgt Ion:164 Resp: 145017
Ion Ratio Lower Upper
164 100
166 128.0 101.4 152.0
129 99.8 80.2 120.4
131 95.9 75.0 112.4

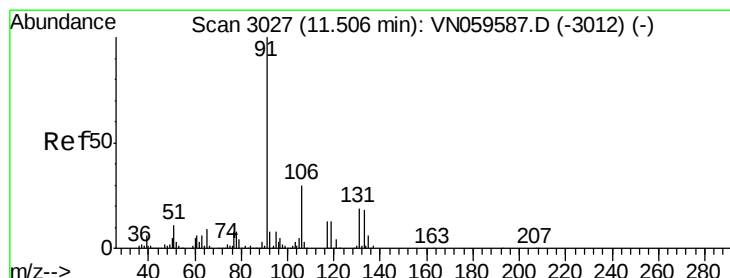
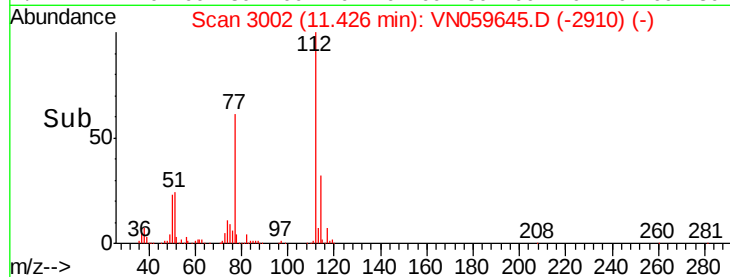
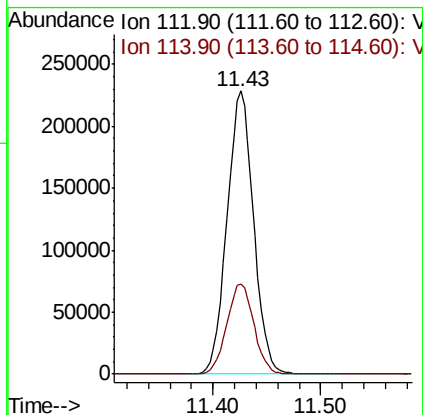
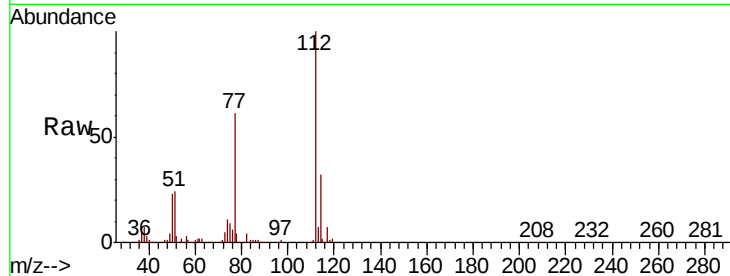




#65
Chlorobenzene
Concen: 51.875 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN059645.D
Acq: 18 Dec 2019 11:53

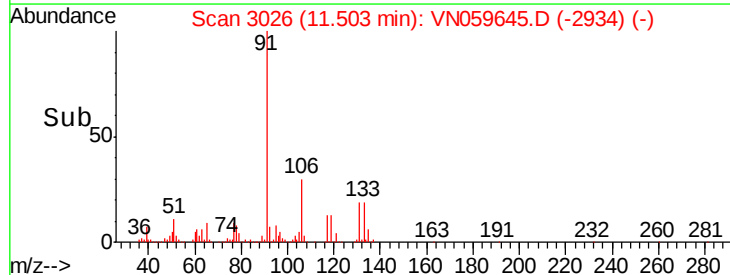
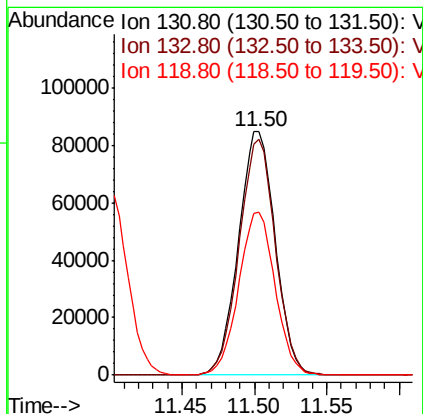
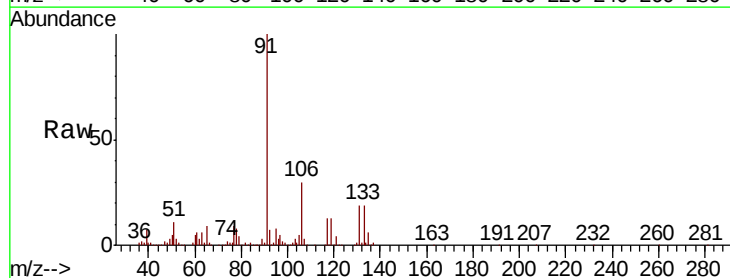
Instrument :
MSVOA_N
ClientSampled :

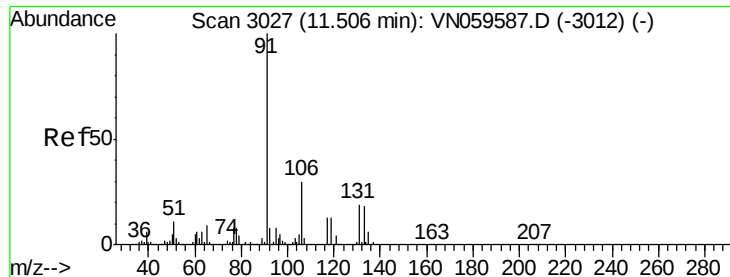
Tot Ion:112 Resp: 391118
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.194 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN059645.D
Acq: 18 Dec 2019 11:53

Tgt Ion:131 Resp: 149473
Ion Ratio Lower Upper
131 100
133 95.5 47.4 142.2
119 66.3 33.1 99.3





#67

Ethyl Benzene

Concen: 53.631 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN059645.D

Acq: 18 Dec 2019 11:53

Instrument :

MSVOA_N

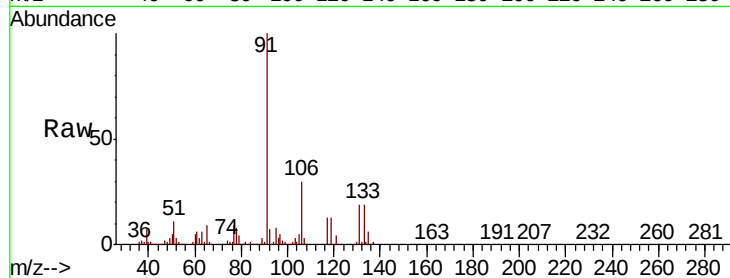
ClientSampled :

Tot Ion: 91 Resp: 729878

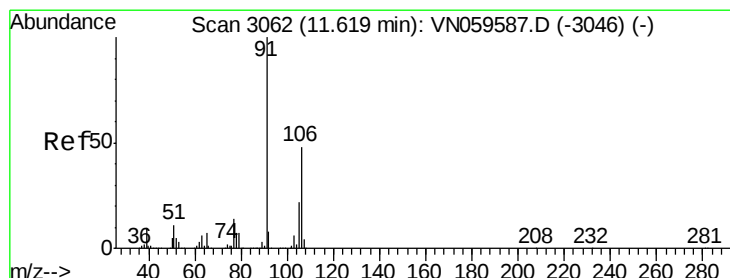
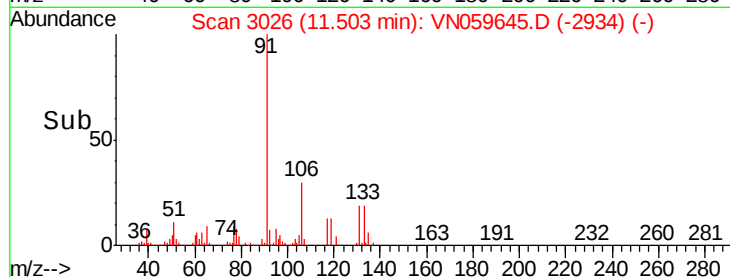
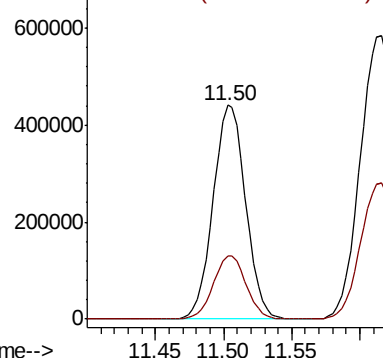
Ion Ratio Lower Upper

91 100

106 29.6 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN059587.D (-3012) (-)



#68

m/p-Xylenes

Concen: 106.918 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN059645.D

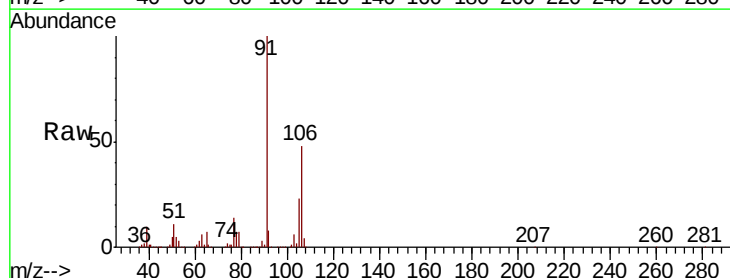
Acq: 18 Dec 2019 11:53

Tgt Ion: 106 Resp: 537311

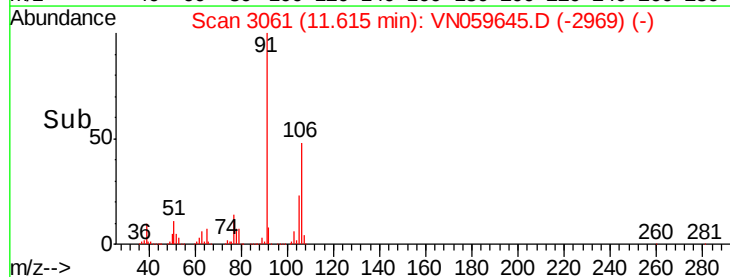
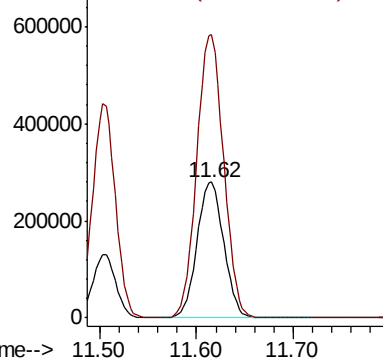
Ion Ratio Lower Upper

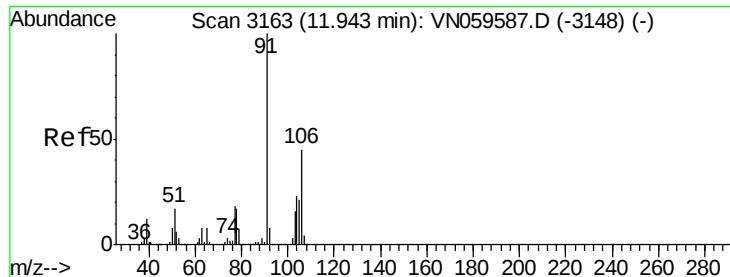
106 100

91 209.6 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): VN059587.D (-3046) (-)

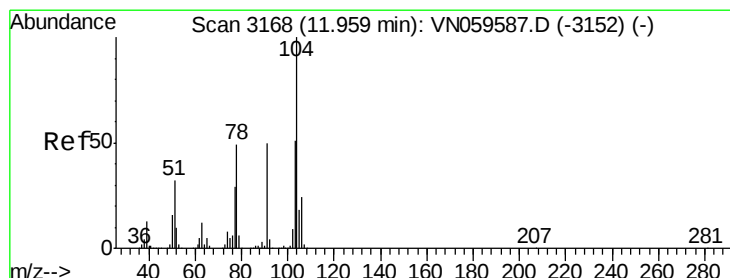
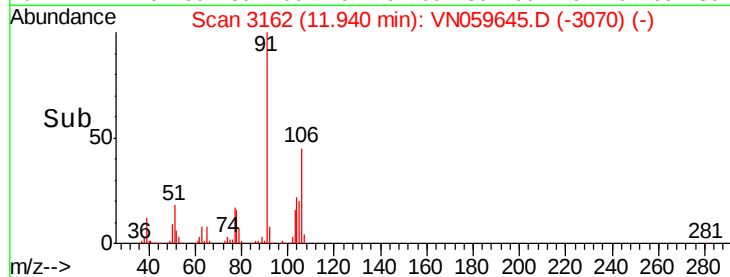
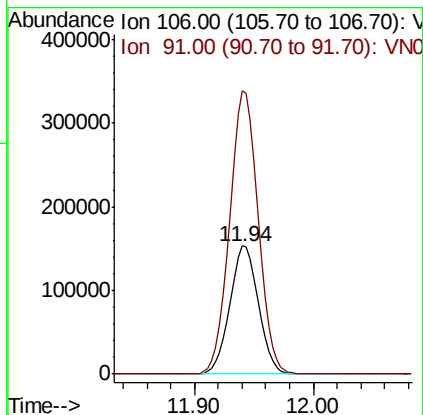
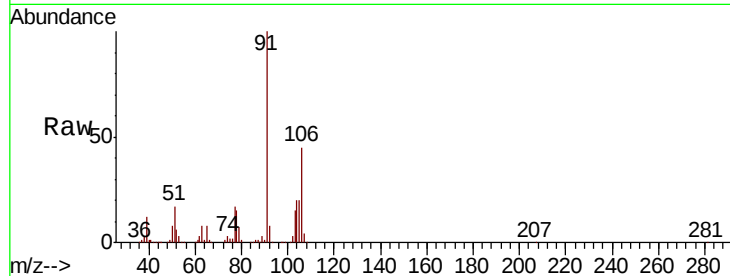




#69
o-Xylene
Concen: 53.216 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN059645.D
Acq: 18 Dec 2019 11:53

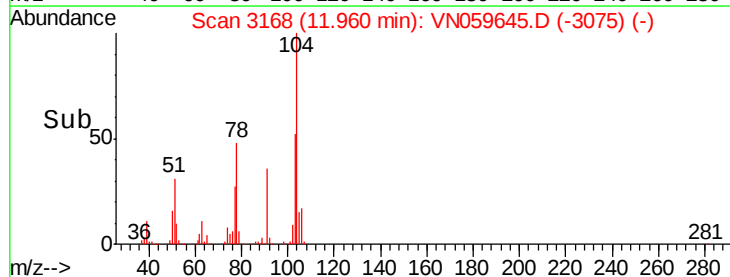
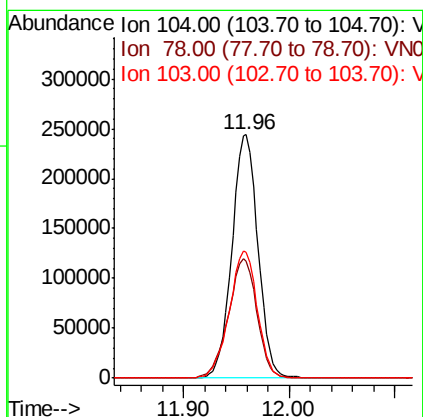
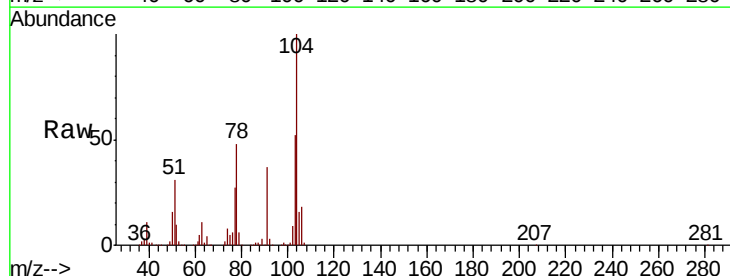
Instrument :
MSVOA_N
ClientSampleId :

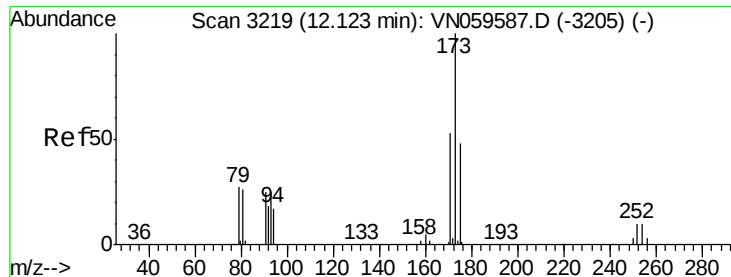
Tot Ion:106 Resp: 254466
Ion Ratio Lower Upper
106 100
91 220.8 110.3 330.9



#70
Styrene
Concen: 54.255 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN059645.D
Acq: 18 Dec 2019 11:53

Tgt Ion:104 Resp: 416832
Ion Ratio Lower Upper
104 100
78 53.8 42.4 63.6
103 56.4 43.9 65.9





#71

Bromoform

Concen: 55.042 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. -0.00 min

Lab File: VN059645.D

Acq: 18 Dec 2019 11:53

Instrument :

MSVOA_N

ClientSampled :

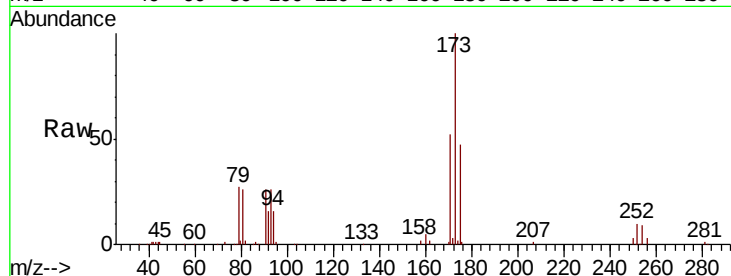
Tot Ion:173 Resp: 118490

Ion Ratio Lower Upper

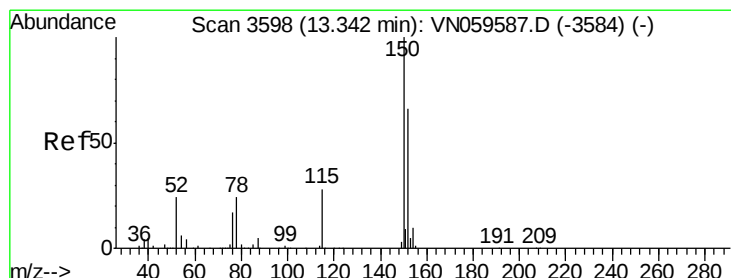
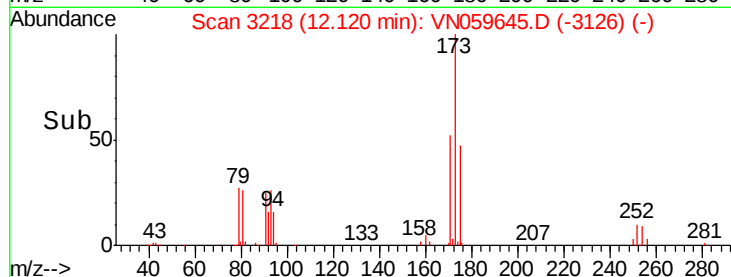
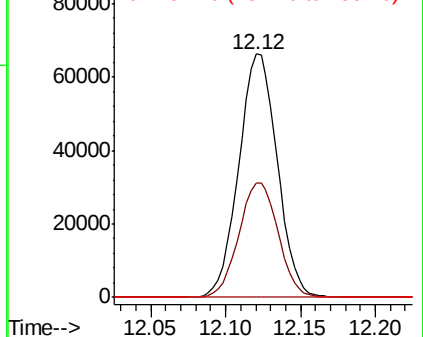
173 100

175 48.1 23.8 71.4

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN059645.D

Acq: 18 Dec 2019 11:53

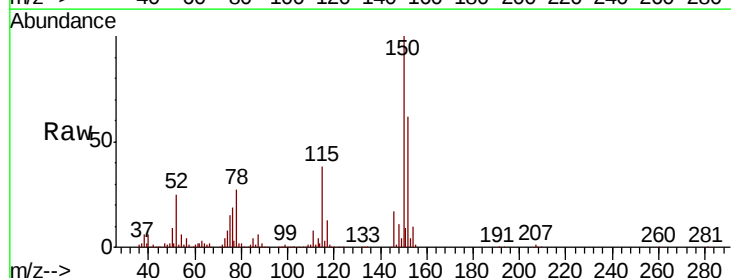
Tgt Ion:152 Resp: 170042

Ion Ratio Lower Upper

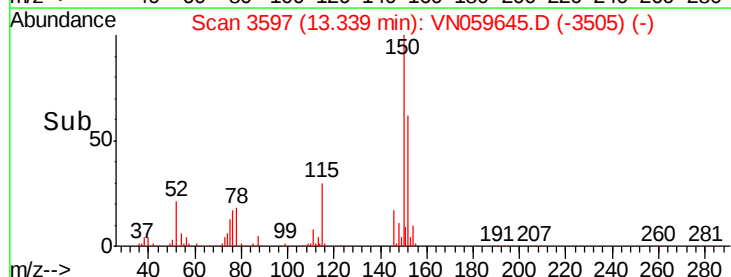
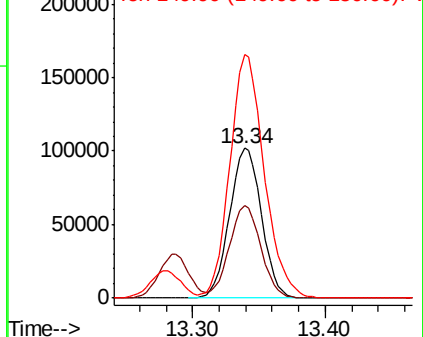
152 100

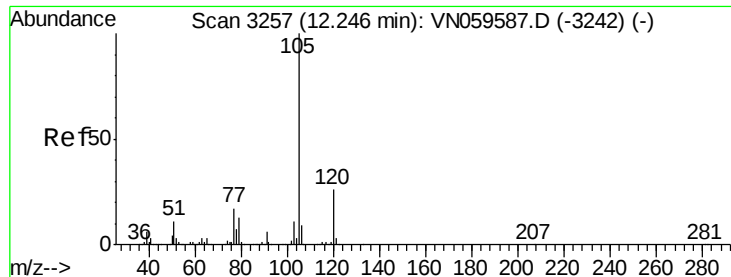
115 60.8 30.3 90.9

150 175.4 0.0 345.2



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: 51.787 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059645.D

Acq: 18 Dec 2019 11:53

Instrument :

MSVOA_N

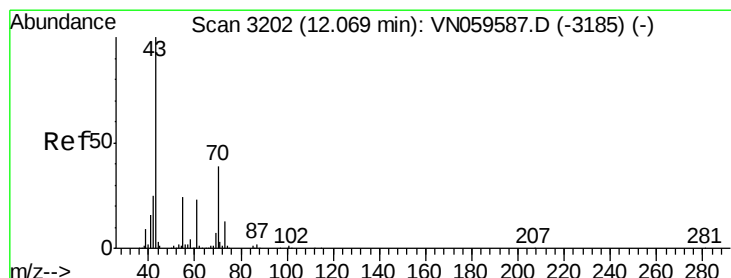
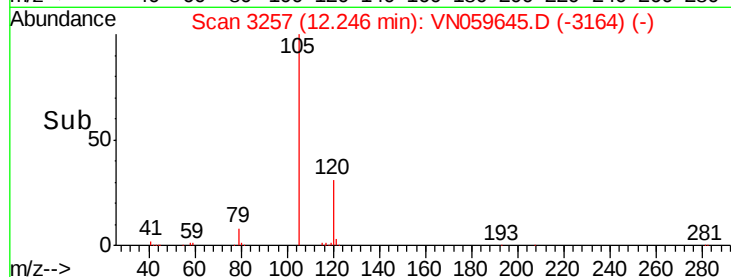
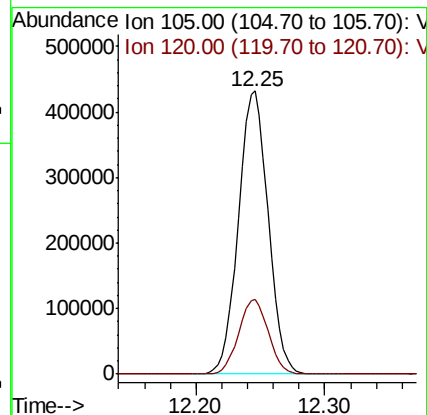
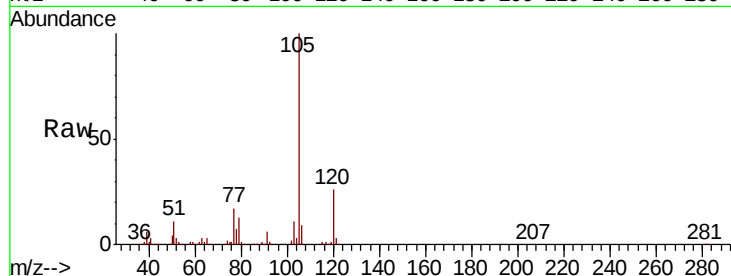
ClientSampled :

Tot Ion:105 Resp: 691272

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.5



#74

N-ethyl acetate

Concen: 54.285 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN059645.D

Acq: 18 Dec 2019 11:53

Tgt Ion: 43 Resp: 332387

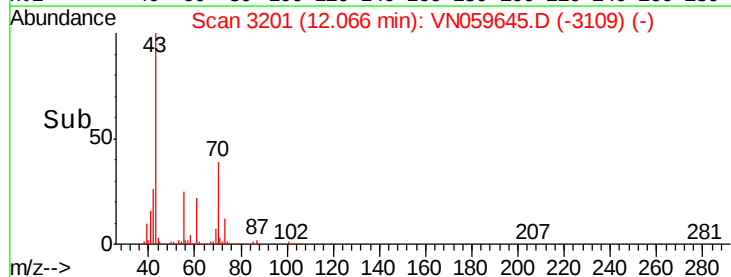
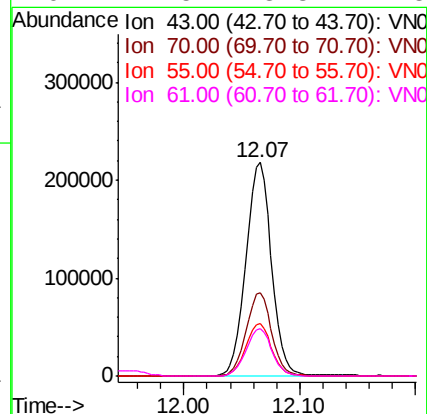
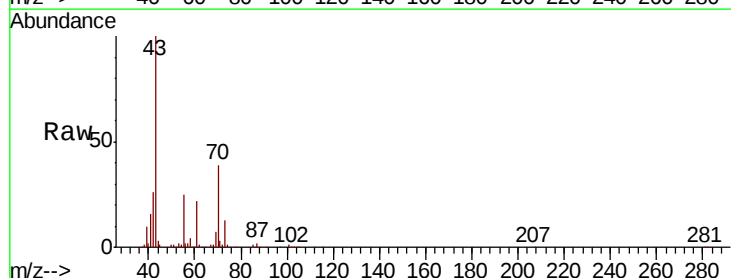
Ion Ratio Lower Upper

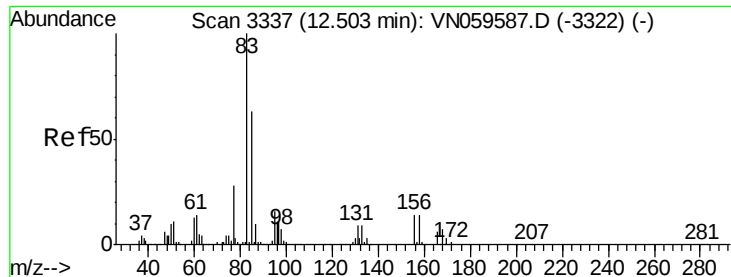
43 100

70 39.0 31.3 46.9

55 24.9 19.8 29.6

61 22.5 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 52.115 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN059645.D

Acq: 18 Dec 2019 11:53

Instrument :

MSVOA_N

ClientSampleId :

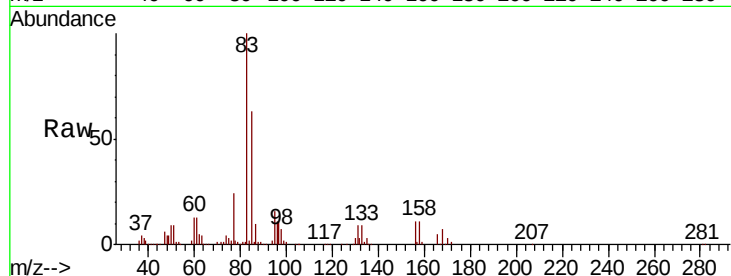
Tot Ion: 83 Resp: 220669

Ion Ratio Lower Upper

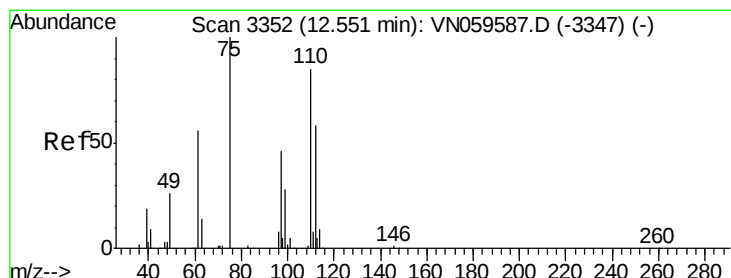
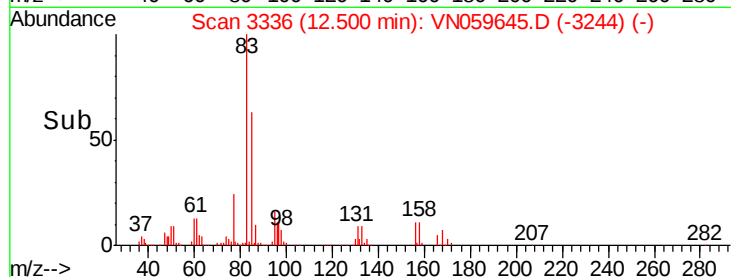
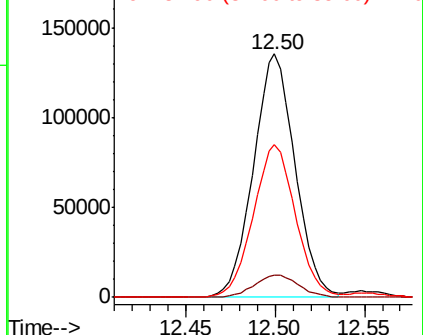
83 100

131 9.8 5.0 14.9

85 63.7 31.9 95.5



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: 76.854 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN059645.D

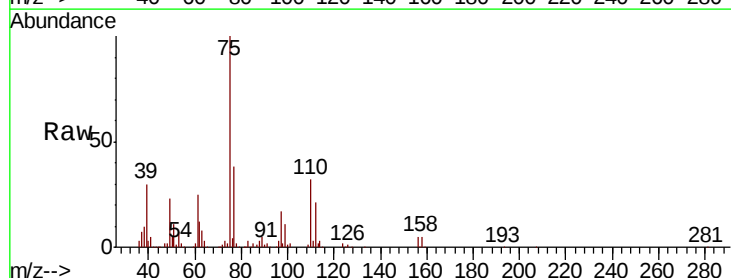
Acq: 18 Dec 2019 11:53

Tgt Ion: 75 Resp: 323517

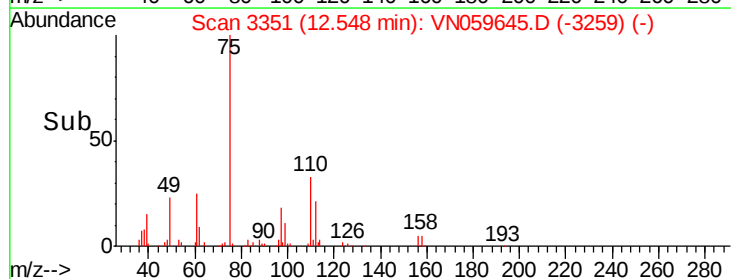
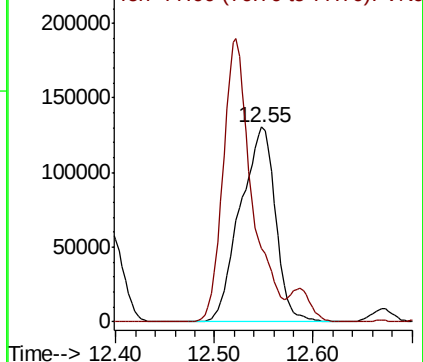
Ion Ratio Lower Upper

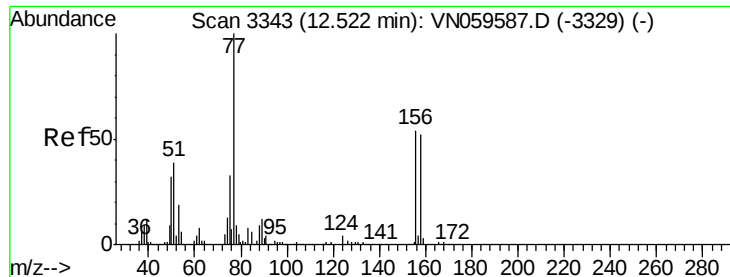
75 100

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: 50.267 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059645.D

Acq: 18 Dec 2019 11:53

Instrument :

MSVOA_N

ClientSampleId :

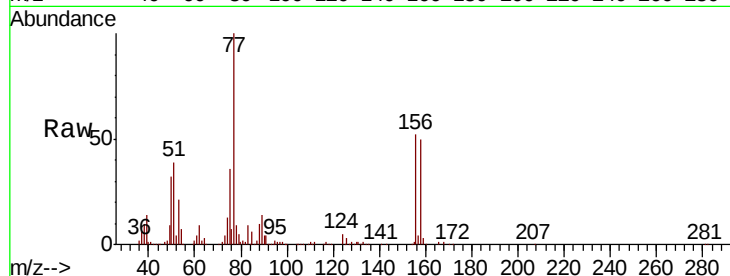
Tot Ion:156 Resp: 165011

Ion Ratio Lower Upper

156 100

77 235.3 115.8 347.4

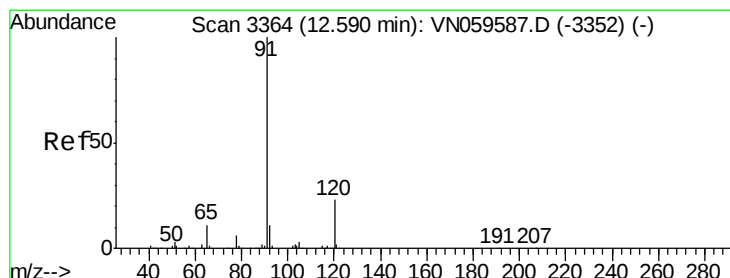
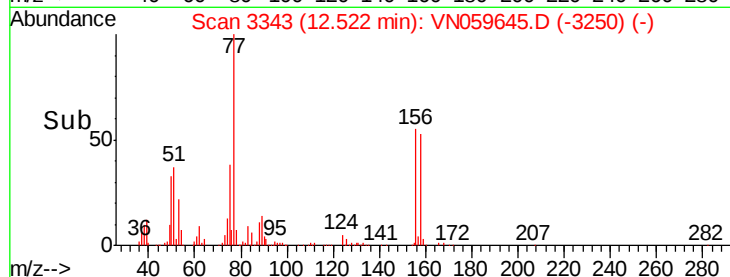
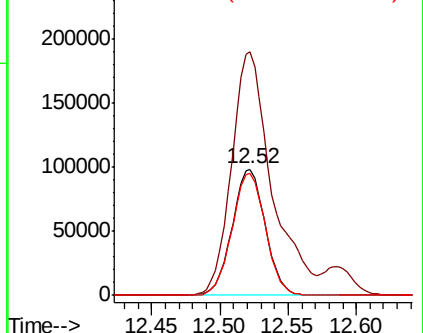
158 97.7 49.2 147.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.072 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN059645.D

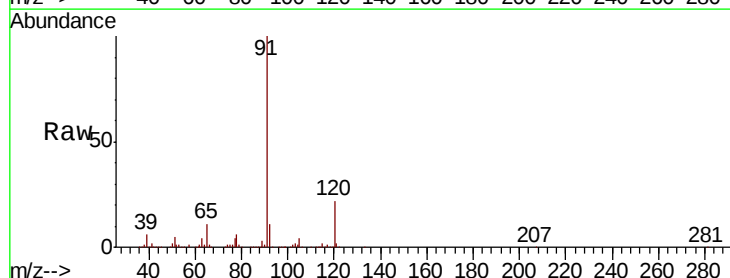
Acq: 18 Dec 2019 11:53

Tgt Ion: 91 Resp: 837424

Ion Ratio Lower Upper

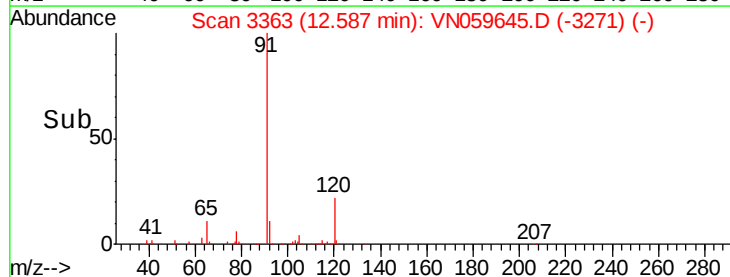
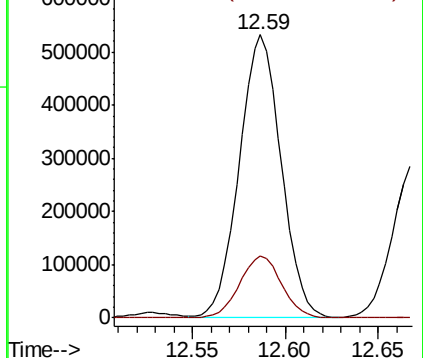
91 100

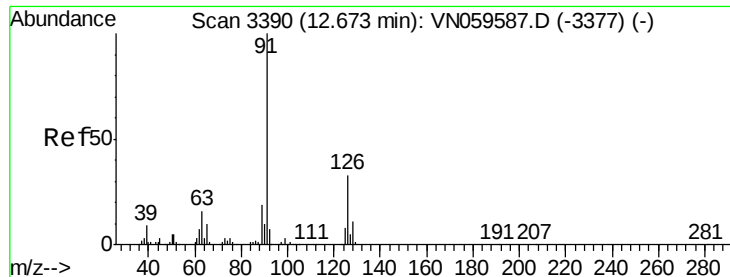
120 22.0 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.620 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN059645.D

Acq: 18 Dec 2019 11:53

Instrument :

MSVOA_N

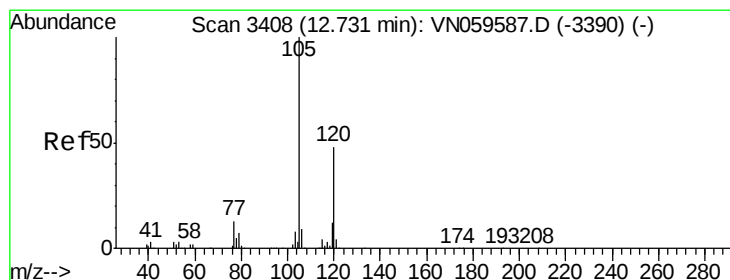
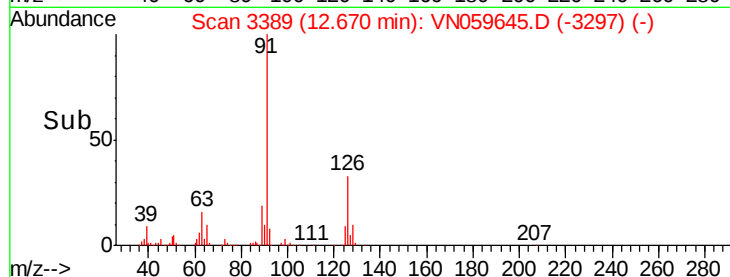
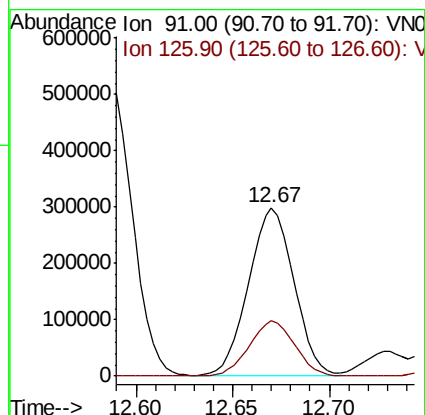
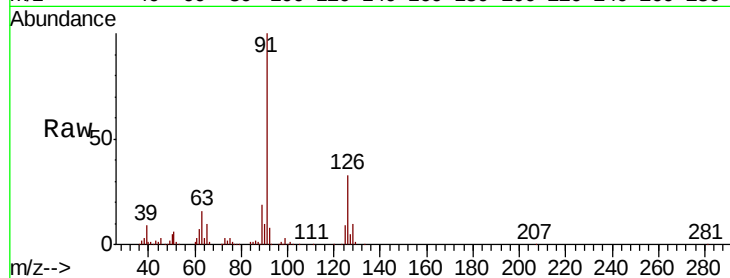
ClientSampled :

Tot Ion: 91 Resp: 492518

Ion Ratio Lower Upper

91 100

126 32.5 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 52.237 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN059645.D

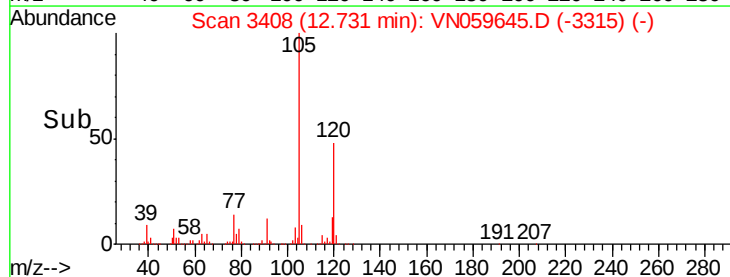
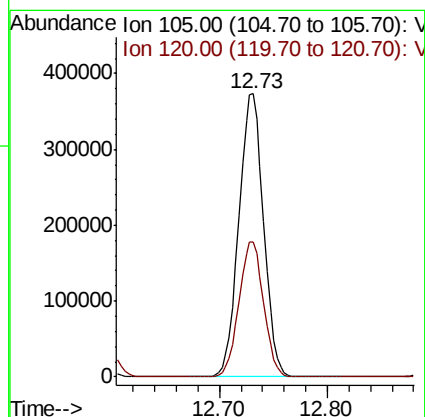
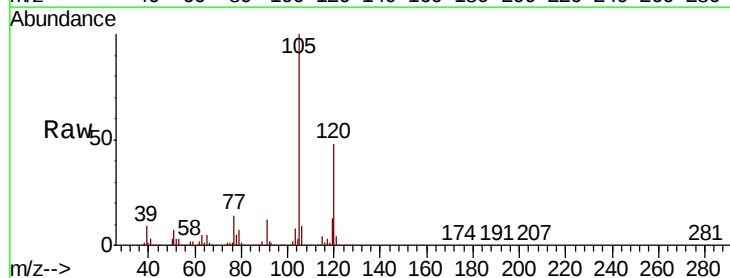
Acq: 18 Dec 2019 11:53

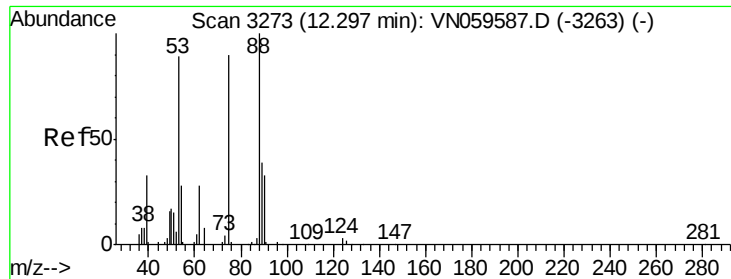
Tgt Ion: 105 Resp: 590069

Ion Ratio Lower Upper

105 100

120 47.7 24.1 72.4

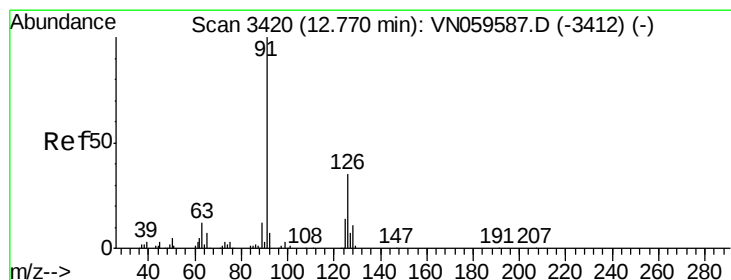
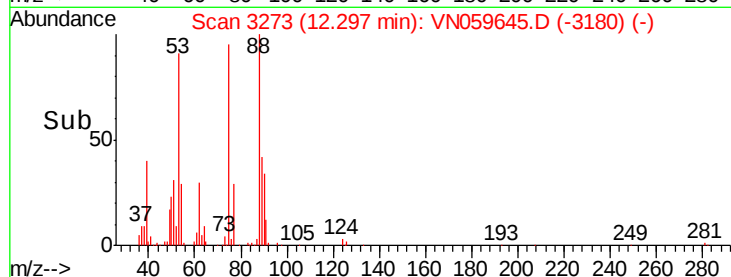
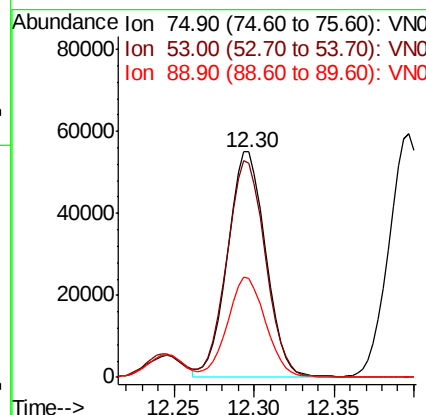
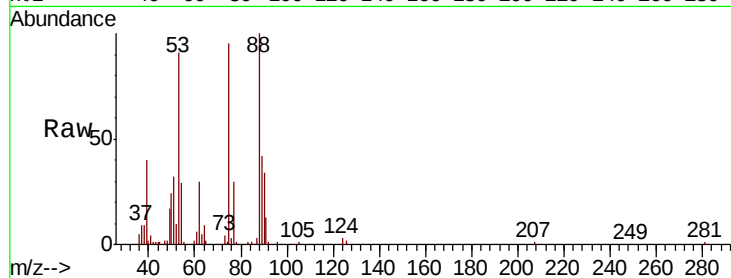




#81
trans-1,4-Dichloro-2-butene
Concen: 52.711 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. 0.00 min
Lab File: VN059645.D
Acq: 18 Dec 2019 11:53

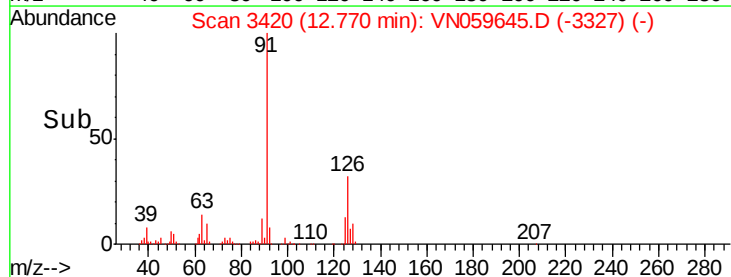
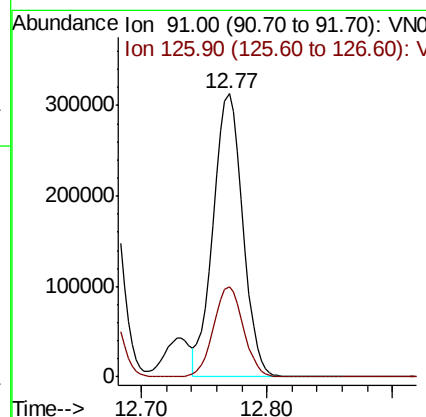
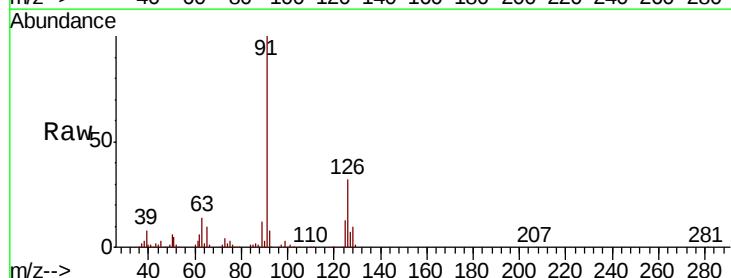
Instrument :
MSVOA_N
ClientSampleId :

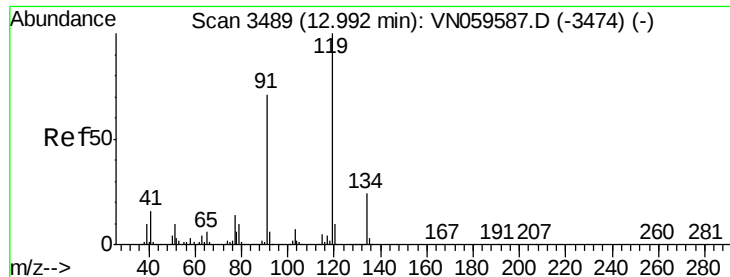
Tot Ion	Ratio	Lower	Upper
75	100		
53	97.2	78.1	117.1
89	44.3	35.4	53.2



#82
4-Chlorotoluene
Concen: 52.383 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN059645.D
Acq: 18 Dec 2019 11:53

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.0	16.3	48.8

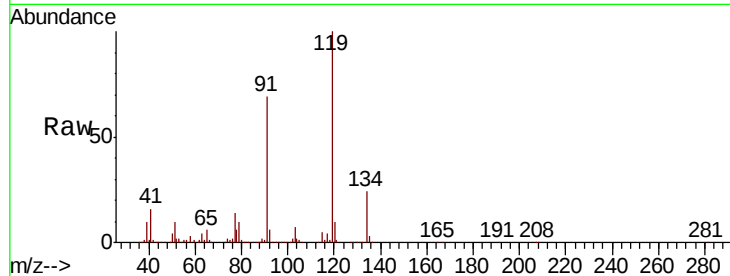




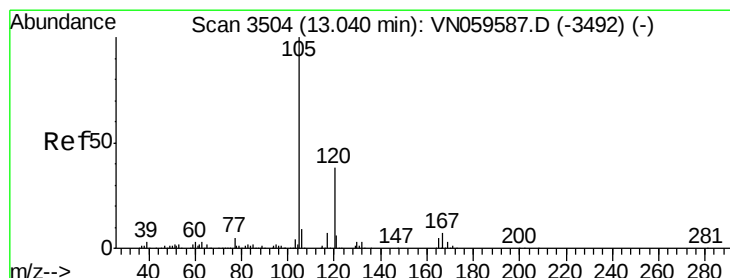
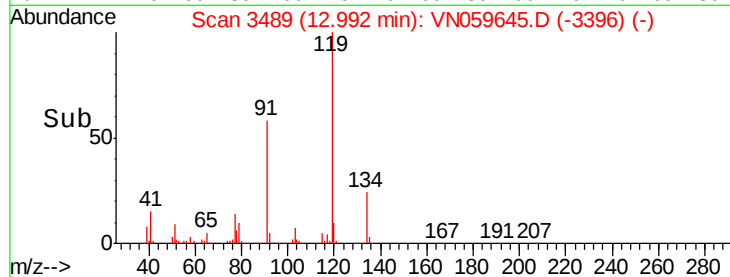
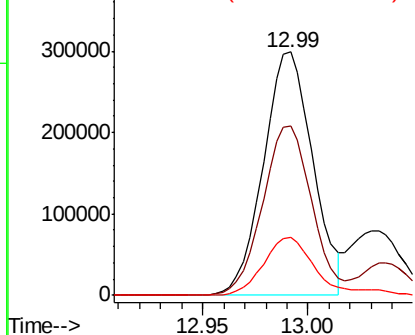
#83
 tert-Butylbenzene
 Concen: 50.974 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN059645.D
 Acq: 18 Dec 2019 11:53

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:119 Resp: 487632
 Ion Ratio Lower Upper
 119 100
 91 69.2 34.8 104.4
 134 25.5 12.3 36.9

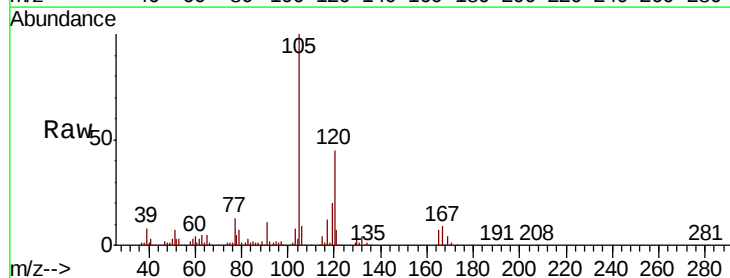


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

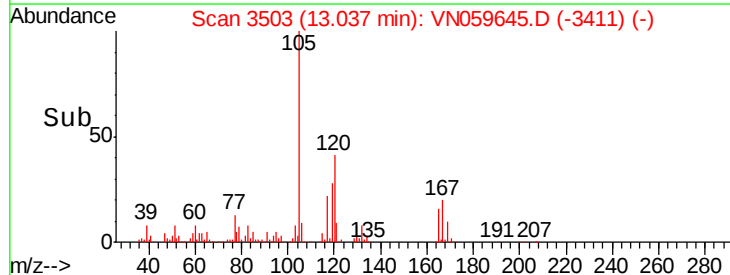
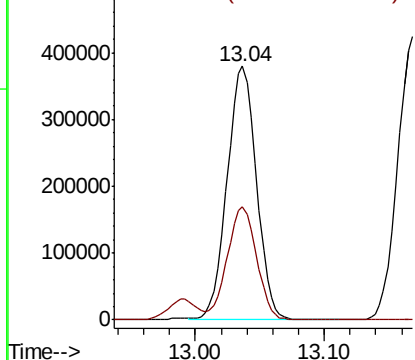


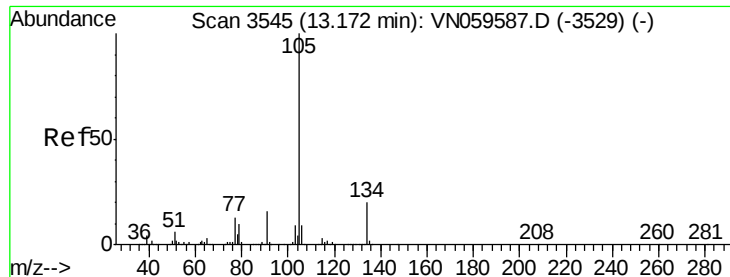
#84
 1,2,4-Trimethylbenzene
 Concen: 53.195 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN059645.D
 Acq: 18 Dec 2019 11:53

Tgt Ion:105 Resp: 597499
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.753 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN059645.D

Acq: 18 Dec 2019 11:53

Instrument :

MSVOA_N

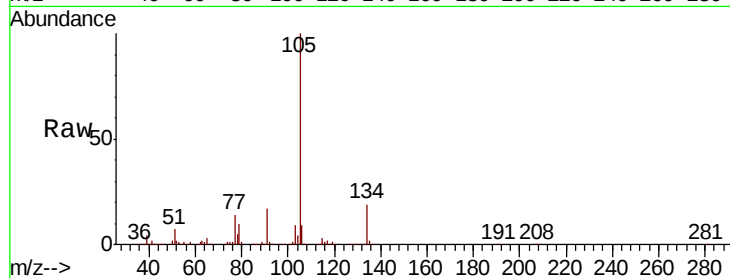
ClientSampleId :

Tot Ion:105 Resp: 671285

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

400000

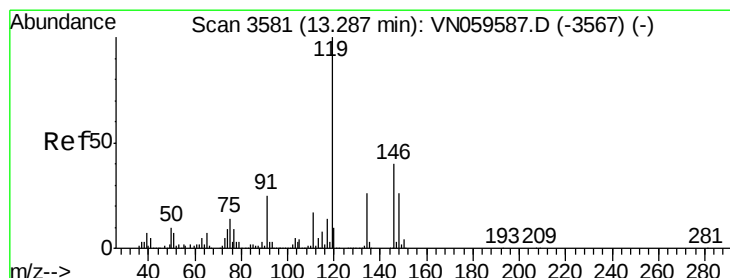
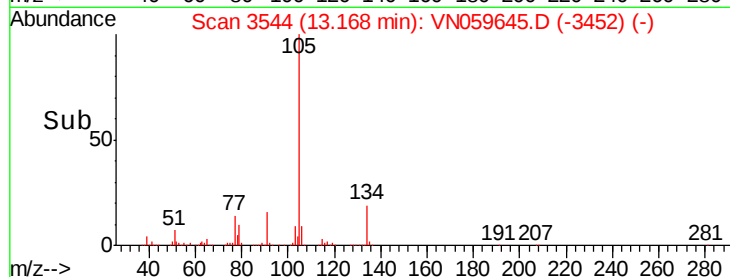
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 53.312 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN059645.D

Acq: 18 Dec 2019 11:53

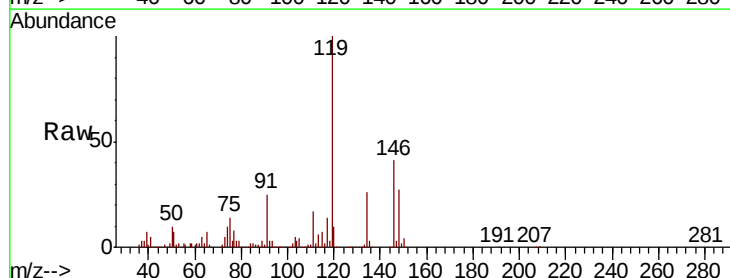
Tgt Ion:119 Resp: 614428

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

91 24.4 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

400000

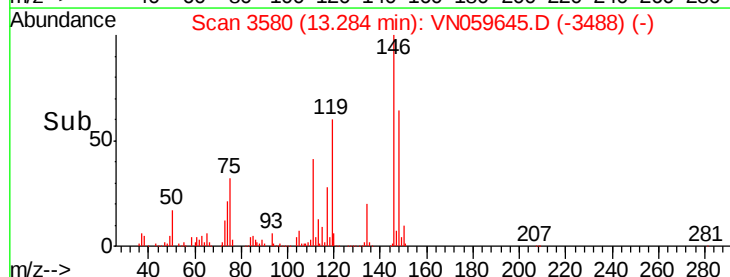
300000

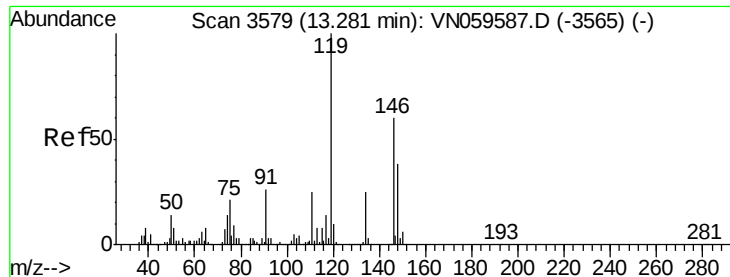
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 49.893 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. -0.00 min

Lab File: VN059645.D

Acq: 18 Dec 2019 11:53

Instrument :

MSVOA_N

ClientSampled :

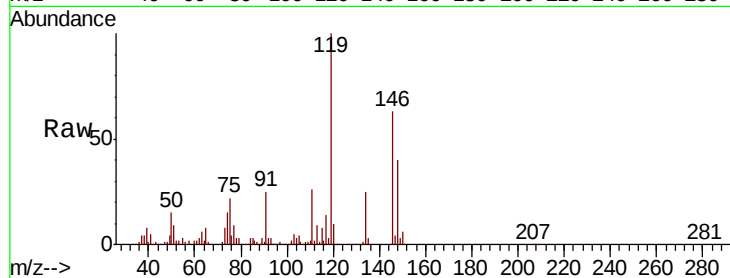
Tot Ion:146 Resp: 301168

Ion Ratio Lower Upper

146 100

111 42.0 20.8 62.2

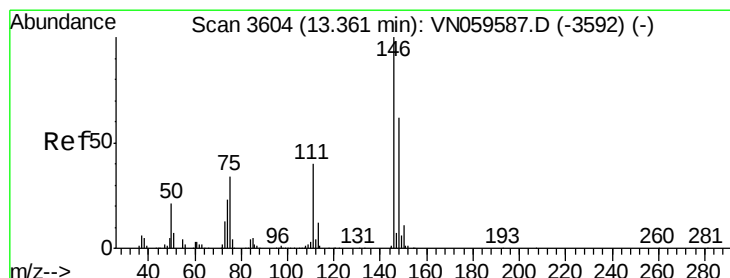
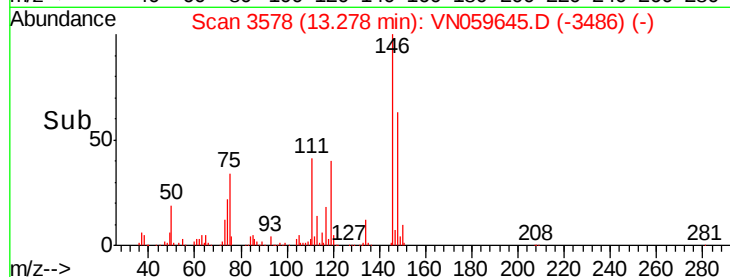
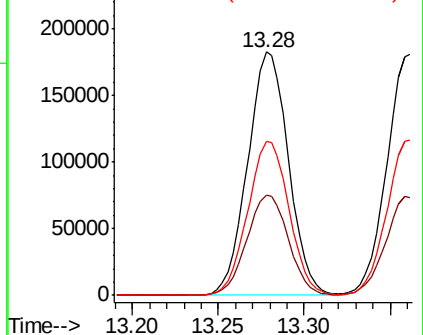
148 63.9 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.085 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN059645.D

Acq: 18 Dec 2019 11:53

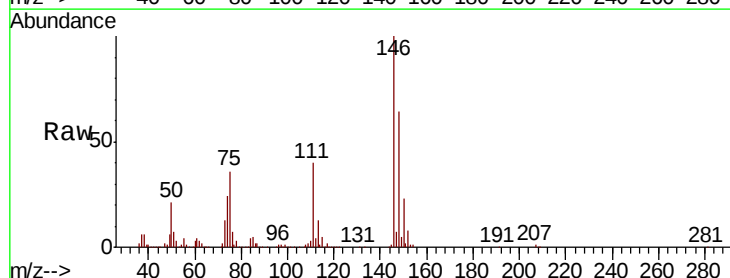
Tgt Ion:146 Resp: 298727

Ion Ratio Lower Upper

146 100

111 40.8 20.8 62.2

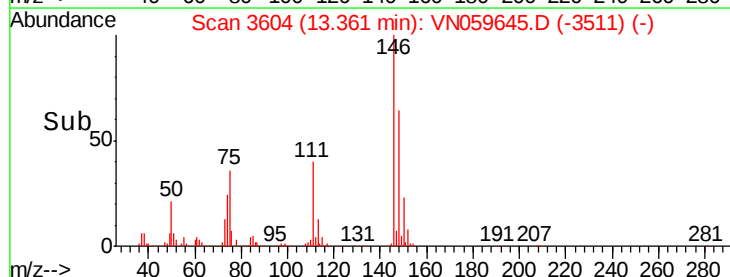
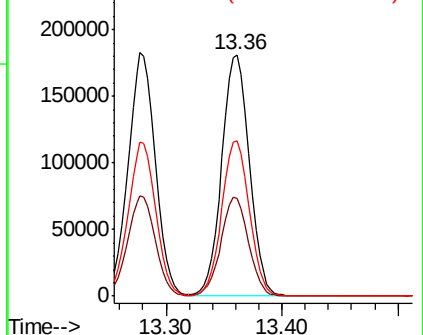
148 64.1 31.8 95.4

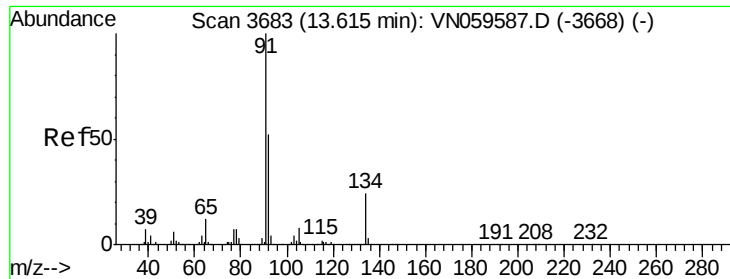


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 52.828 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN059645.D

Acq: 18 Dec 2019 11:53

Instrument :

MSVOA_N

ClientSampled :

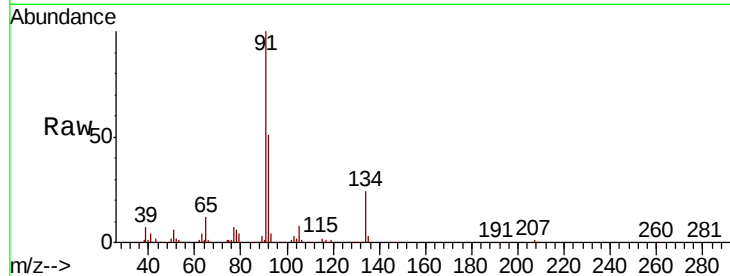
Tot Ion: 91 Resp: 570821

Ion Ratio Lower Upper

91 100

92 51.4 25.9 77.7

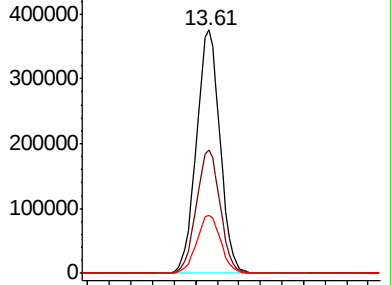
134 24.2 12.3 36.8



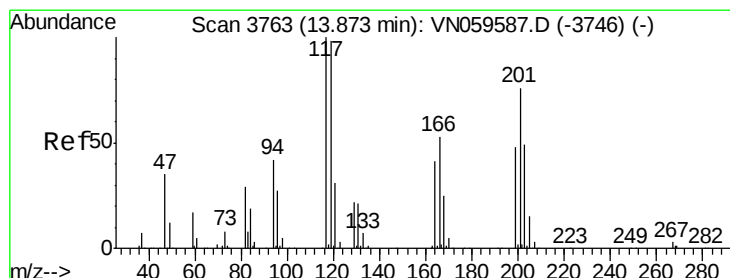
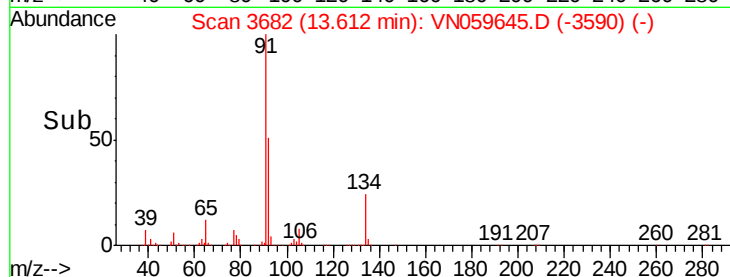
Abundance Ion 91.00 (90.70 to 91.70): VN059587.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN059587.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN059587.D (-3668) (-)



Time-->



#90

Hexachloroethane

Concen: 51.981 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN059645.D

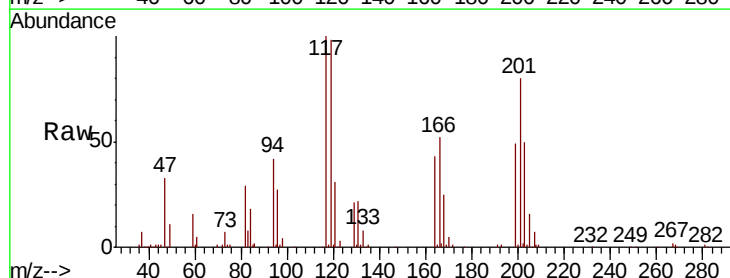
Acq: 18 Dec 2019 11:53

Tgt Ion: 117 Resp: 113240

Ion Ratio Lower Upper

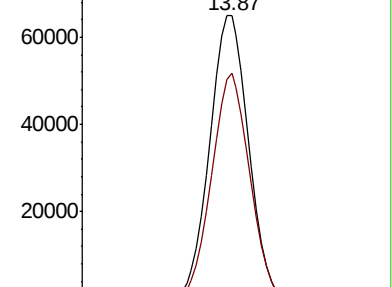
117 100

201 77.9 37.8 113.4

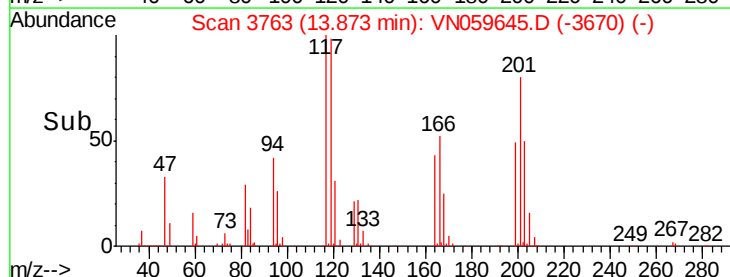


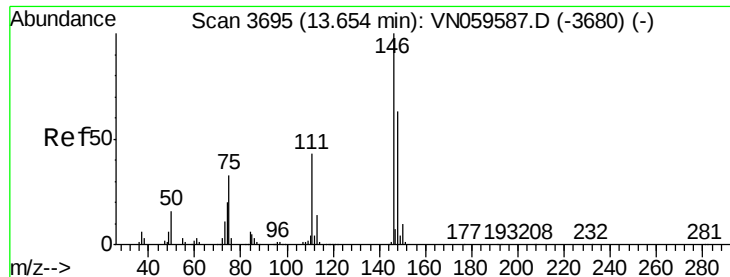
Abundance Ion 116.80 (116.50 to 117.50): VN059587.D (-3746) (-)

Ion 200.70 (200.40 to 201.40): VN059587.D (-3746) (-)



Time-->

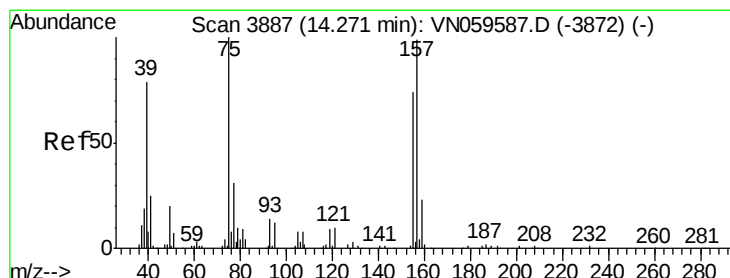
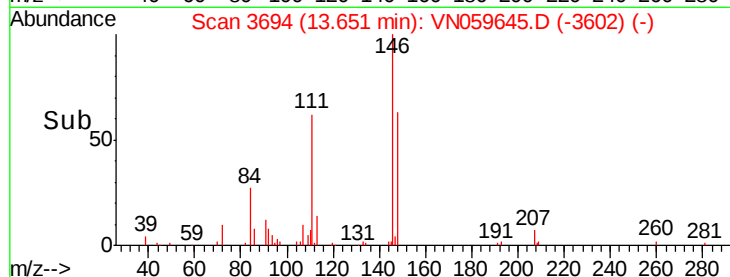
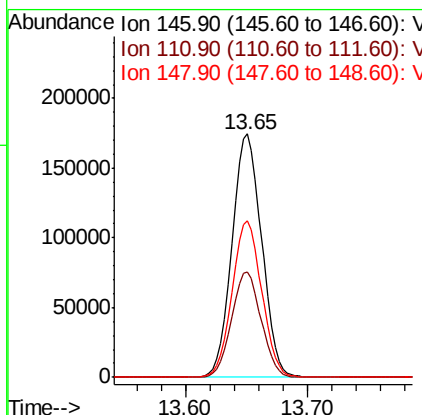
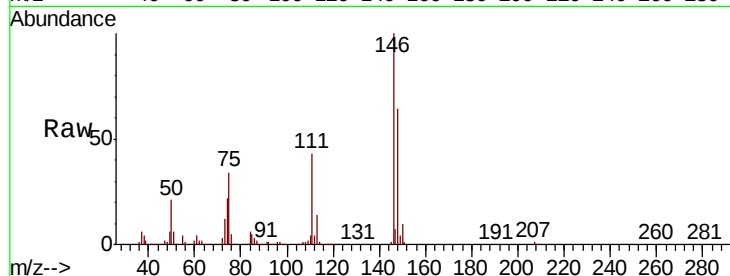




#91
 1,2-Dichlorobenzene
 Concen: 49.596 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN059645.D
 Acq: 18 Dec 2019 11:53

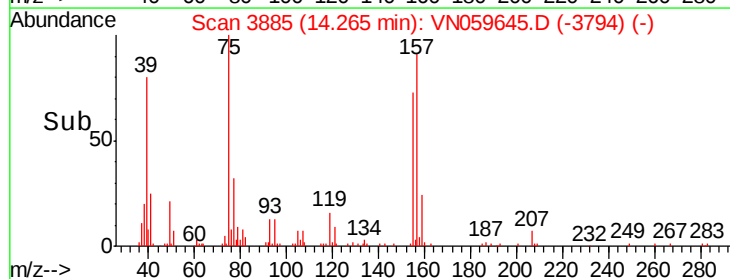
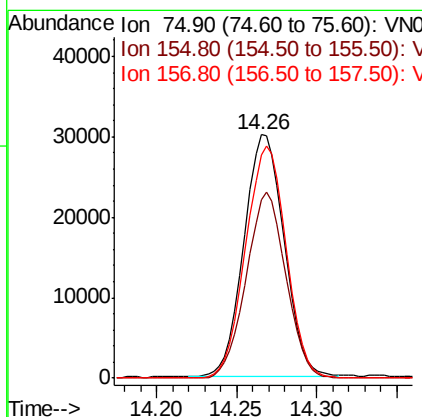
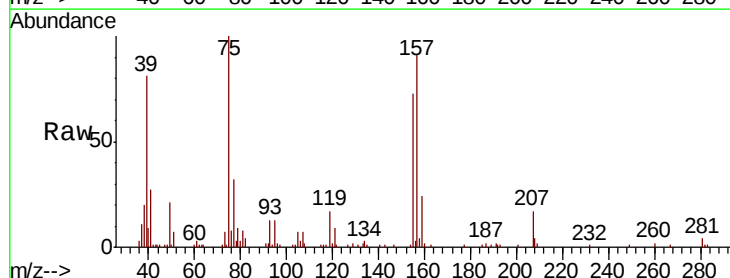
Instrument :
 MSVOA_N
 ClientSampleId :

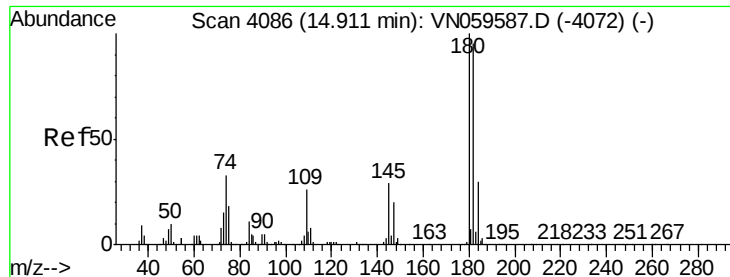
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.6	64.8
148	64.1	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.865 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. -0.01 min
 Lab File: VN059645.D
 Acq: 18 Dec 2019 11:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.9	37.0	110.9
157	96.7	48.4	145.2

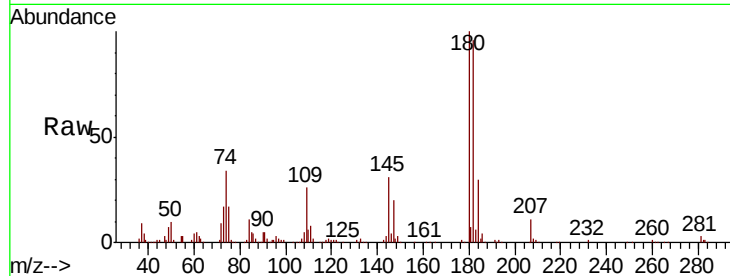




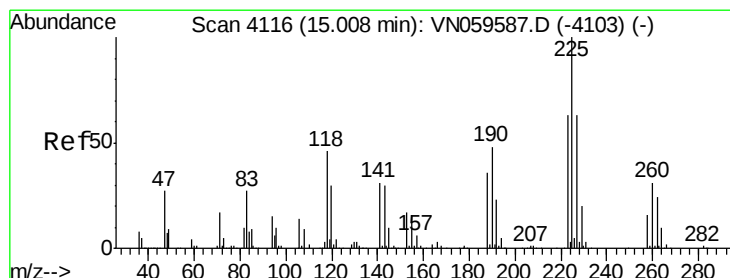
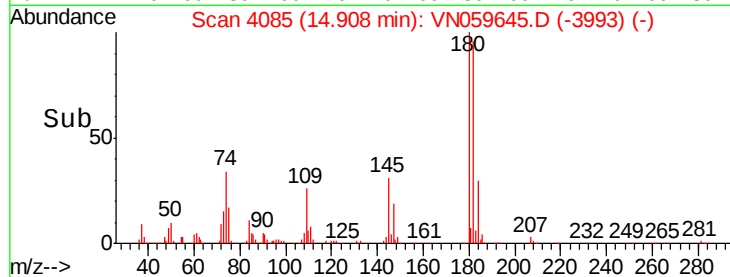
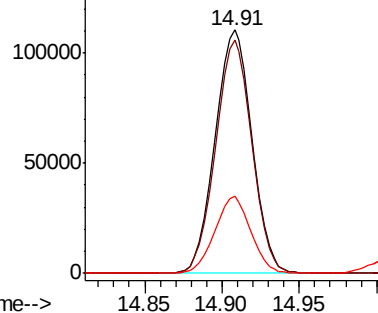
#93
 1,2,4-Trichlorobenzene
 Concen: 47.636 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN059645.D
 Acq: 18 Dec 2019 11:53

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	46.9	140.7
145	30.9	15.0	45.1

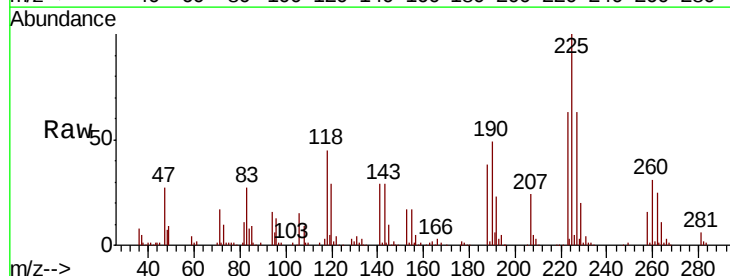


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

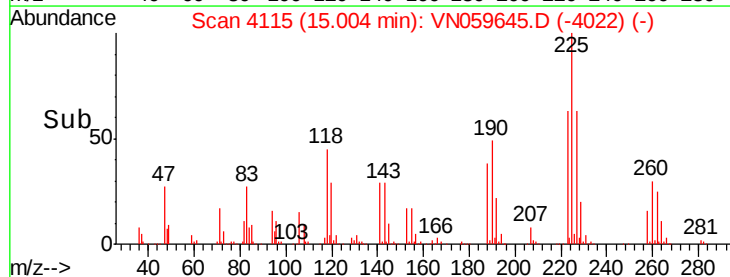
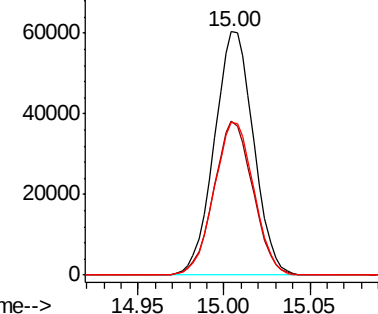


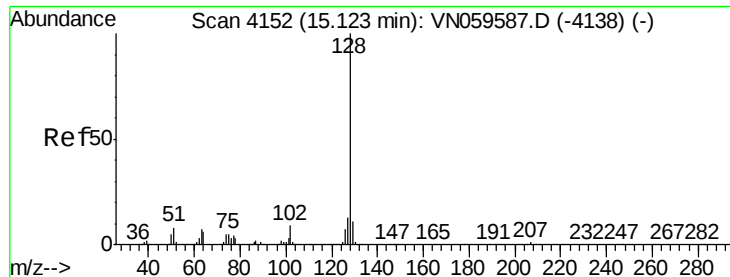
#94
 Hexachlorobutadiene
 Concen: 47.628 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.00 min
 Lab File: VN059645.D
 Acq: 18 Dec 2019 11:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.8	95.3
227	63.6	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: 46.104 ug/l

RT: 15.12 min Scan# 4152

Delta R.T. 0.00 min

Lab File: VN059645.D

Acq: 18 Dec 2019 11:53

Instrument :

MSVOA_N

ClientSampleId :

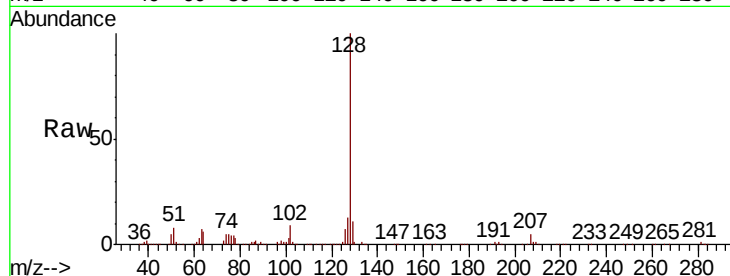
Tot Ion:128 Resp: 529082

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

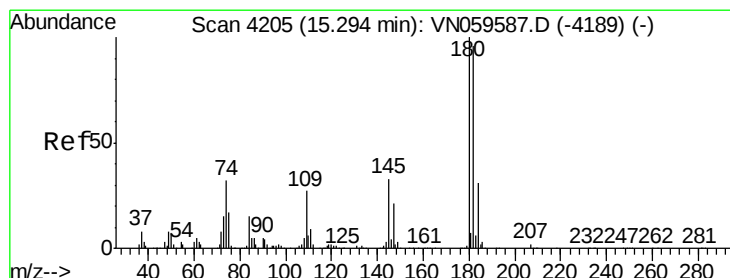
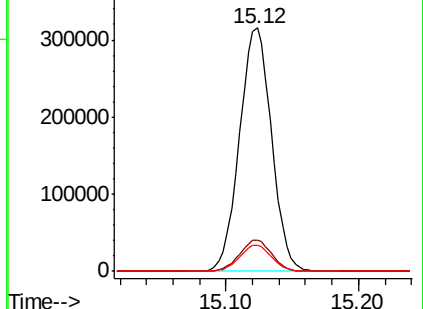
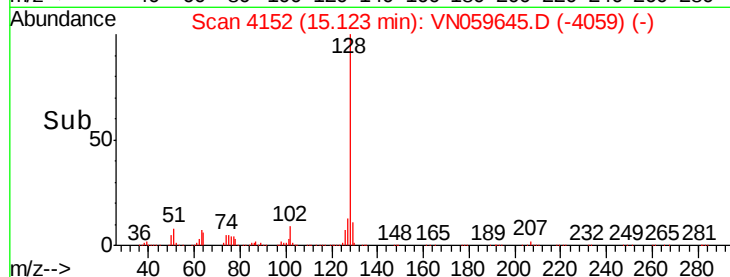
129 10.7 8.6 12.8



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: 45.406 ug/l

RT: 15.29 min Scan# 4204

Delta R.T. -0.00 min

Lab File: VN059645.D

Acq: 18 Dec 2019 11:53

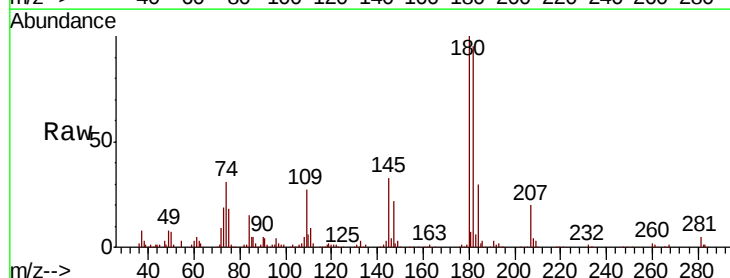
Tgt Ion:180 Resp: 176535

Ion Ratio Lower Upper

180 100

182 95.7 47.4 142.3

145 32.3 16.3 48.9



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

