

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012920\
 Data File : VN059900.D
 Acq On : 29 Jan 2020 9:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 29 23:58:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	199219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	303490	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	277021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	138001	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	112986	51.07	ug/l	0.00
Spiked Amount			Recovery	=	102.14%	
35) Dibromofluoromethane	7.56	113	97178	53.69	ug/l	0.00
Spiked Amount			Recovery	=	107.38%	
50) Toluene-d8	10.08	98	371247	52.94	ug/l	0.00
Spiked Amount			Recovery	=	105.88%	
62) 4-Bromofluorobenzene	12.40	95	136295	53.92	ug/l	0.00
Spiked Amount			Recovery	=	107.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	116458	49.578	ug/l	97
3) Chloromethane	2.04	50	107900	47.308	ug/l	99
4) Vinyl Chloride	2.17	62	141563	54.246	ug/l	98
5) Bromomethane	2.53	94	85655	53.784	ug/l	99
6) Chloroethane	2.68	64	67977	55.059	ug/l	98
7) Trichlorofluoromethane	3.00	101	170908	54.533	ug/l	100
8) Diethyl Ether	3.38	74	61815	56.203	ug/l	81
9) 1,1,2-Trichlorotrifluoroet	3.73	101	100695	57.729	ug/l	91
10) Methyl Iodide	3.93	142	152451	54.071	ug/l	96
11) Tert butyl alcohol	4.73	59	83162	223.288	ug/l	99
12) 1,1-Dichloroethene	3.72	96	96339	52.857	ug/l	87
13) Acrolein	3.58	56	64563	244.887	ug/l	99
14) Allyl chloride	4.29	41	129550	52.733	ug/l #	84
15) Acrylonitrile	4.94	53	222156	261.492	ug/l	100
16) Acetone	3.78	43	259006	347.135	ug/l	94
17) Carbon Disulfide	4.03	76	240057	46.235	ug/l	99
18) Methyl Acetate	4.28	43	133221	51.552	ug/l #	90
19) Methyl tert-butyl Ether	5.00	73	331800	55.834	ug/l	95
20) Methylene Chloride	4.52	84	109237	54.696	ug/l	89
21) trans-1,2-Dichloroethene	5.00	96	103566	53.455	ug/l	89
22) Diisopropyl ether	5.91	45	303582	54.529	ug/l #	95
23) Vinyl Acetate	5.86	43	1150808	266.979	ug/l #	93
24) 1,1-Dichloroethane	5.82	63	186665	54.873	ug/l	97
25) 2-Butanone	6.80	43	321600	256.694	ug/l	91
26) 2,2-Dichloropropane	6.79	77	182404	55.774	ug/l	95
27) cis-1,2-Dichloroethene	6.80	96	124247	55.756	ug/l	88
28) Bromochloromethane	7.17	49	65780	48.380	ug/l #	71
29) Tetrahydrofuran	7.18	42	182853	235.889	ug/l #	86
30) Chloroform	7.35	83	201932	57.291	ug/l	100
31) Cyclohexane	7.63	56	155352	47.459	ug/l	90
32) 1,1,1-Trichloroethane	7.54	97	185784	57.008	ug/l	96
36) 1,1-Dichloropropene	7.77	75	145356	54.999	ug/l	96
37) Ethyl Acetate	6.90	43	120491	48.608	ug/l #	95
38) Carbon Tetrachloride	7.75	117	163003	56.698	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	168550	51.722	ug/l	90
40) Benzene	8.02	78	432677	54.894	ug/l	100
41) Methacrylonitrile	7.18	41	173070	141.750	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	152786	57.171	ug/l	95
43) Isopropyl Acetate	8.14	43	217891	51.104	ug/l #	94
44) Trichloroethene	8.82	130	129079	59.988	ug/l	93
45) 1,2-Dichloropropane	9.10	63	111000	56.911	ug/l	100
46) Dibromomethane	9.19	93	79397	57.708	ug/l	91
47) Bromodichloromethane	9.38	83	163760	59.065	ug/l	100
48) Methyl methacrylate	9.18	41	94872	49.746	ug/l	86
49) 1,4-Dioxane	9.18	88	35316	1011.556	ug/l	90
51) 4-Methyl-2-Pentanone	9.97	43	616580	250.165	ug/l	93
52) Toluene	10.14	92	284878	57.219	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	183770	59.361	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	193293	59.341	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	115137	58.390	ug/l	98
56) Ethyl methacrylate	10.42	69	164013	54.435	ug/l	91
57) 1,3-Dichloropropane	10.70	76	183778	58.705	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	270685	298.268	ug/l #	90
59) 2-Hexanone	10.74	43	475958	262.128	ug/l	94
60) Dibromochloromethane	10.89	129	135611	60.393	ug/l	100
61) 1,2-Dibromoethane	10.99	107	120180	58.150	ug/l	98
64) Tetrachloroethene	10.62	164	130893	57.975	ug/l	96
65) Chlorobenzene	11.43	112	318011	58.405	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	125540	59.670	ug/l	98
67) Ethyl Benzene	11.50	91	565381	57.200	ug/l	98
68) m/p-Xylenes	11.62	106	428546	114.777	ug/l	94
69) o-Xylene	11.94	106	207781	56.843	ug/l	94
70) Styrene	11.96	104	349950	57.213	ug/l	97
71) Bromoform	12.12	173	101517	60.238	ug/l #	99
73) Isopropylbenzene	12.25	105	560404	55.371	ug/l	99
74) N-amyl acetate	12.06	43	192518	49.021	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	152799	52.078	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	209011	89.997	ug/l #	100
77) Bromobenzene	12.52	156	146596	57.197	ug/l	80
78) n-propylbenzene	12.59	91	637199	56.093	ug/l	97
79) 2-Chlorotoluene	12.67	91	373208	55.226	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	474007	55.689	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	58255	53.868	ug/l	92
82) 4-Chlorotoluene	12.77	91	386922	57.083	ug/l	94
83) tert-Butylbenzene	12.99	119	399715	54.298	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	473251	56.201	ug/l	98
85) sec-Butylbenzene	13.17	105	530628	54.863	ug/l	98
86) p-Isopropyltoluene	13.28	119	489687	54.717	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	256666	57.651	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	257929	58.074	ug/l	97
89) n-Butylbenzene	13.61	91	421417	55.227	ug/l	98
90) Hexachloroethane	13.87	117	91117	54.417	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	250371	56.885	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31281	49.657	ug/l	83

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Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration

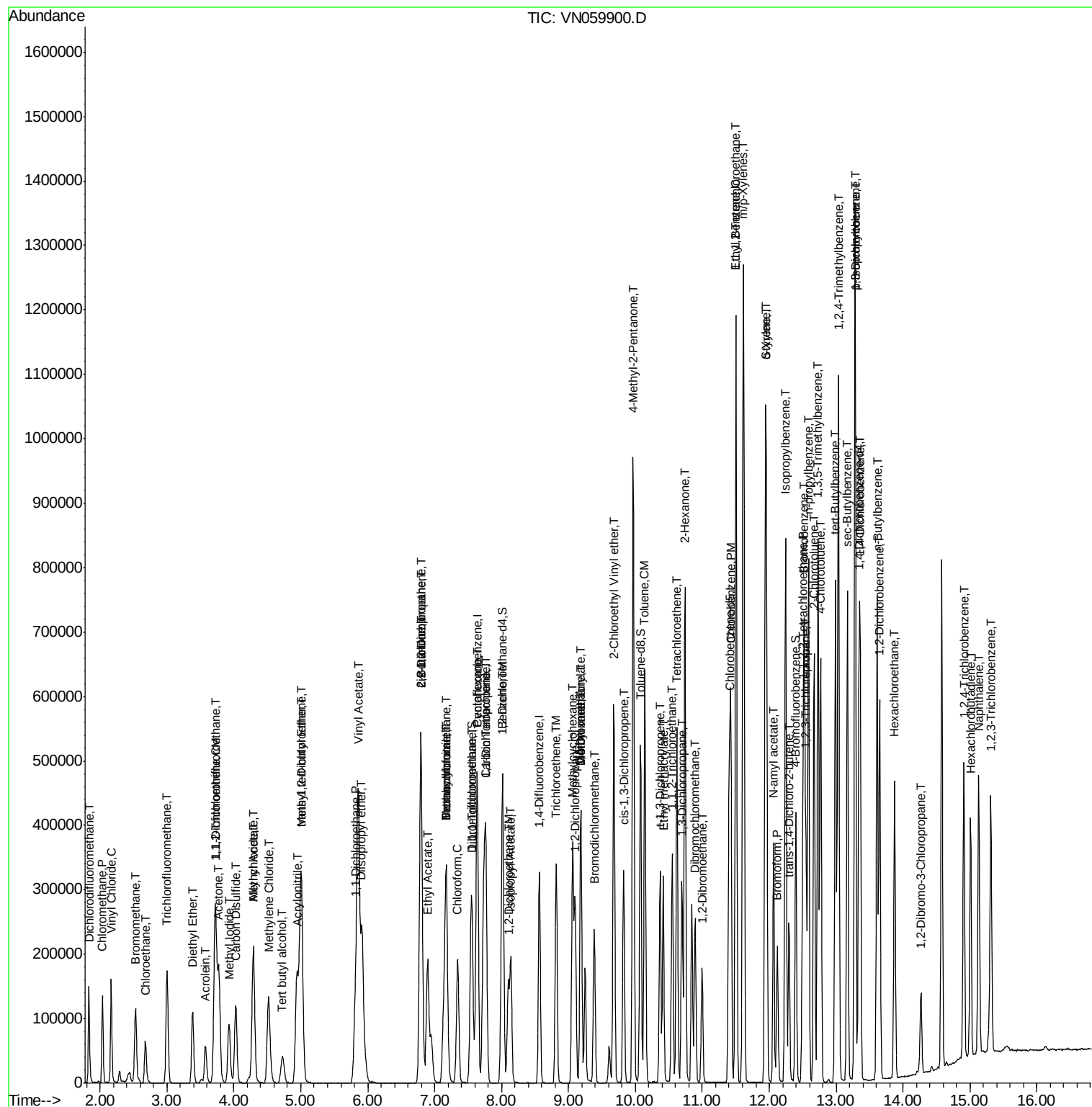
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	149534	56.541	ug/l	98
94) Hexachlorobutadiene	15.01	225	71910	49.341	ug/l	99
95) Naphthalene	15.13	128	386540	51.384	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	138886	53.952	ug/l	99

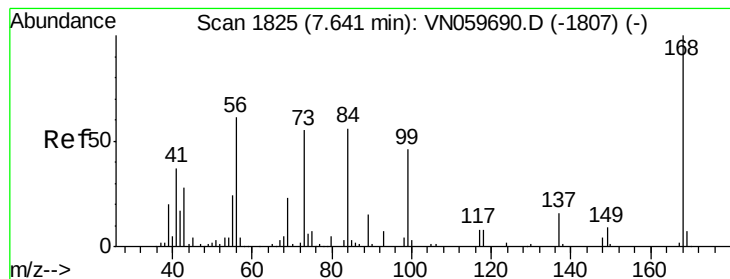
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN012920\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059900.D

Acq: 29 Jan 2020 9:51

Instrument :

MSVOA_N

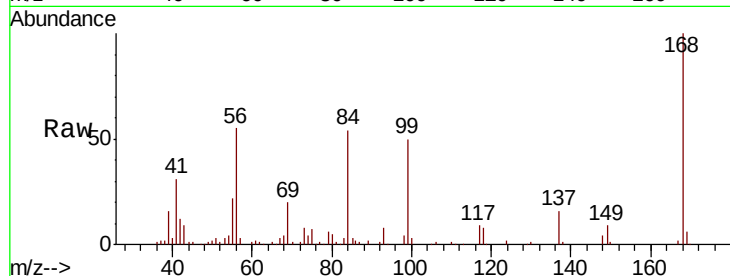
ClientSampleId :

Tot Ion:168 Resp: 199219

Ion Ratio Lower Upper

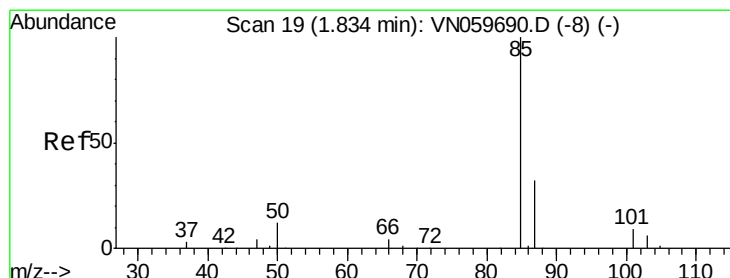
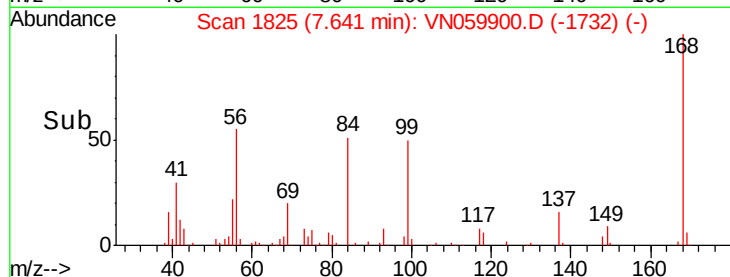
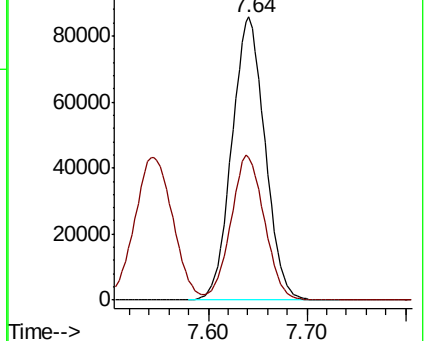
168 100

99 50.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 49.578 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059900.D

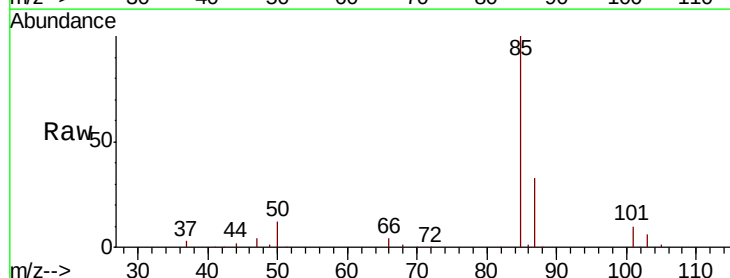
Acq: 29 Jan 2020 9:51

Tgt Ion: 85 Resp: 116458

Ion Ratio Lower Upper

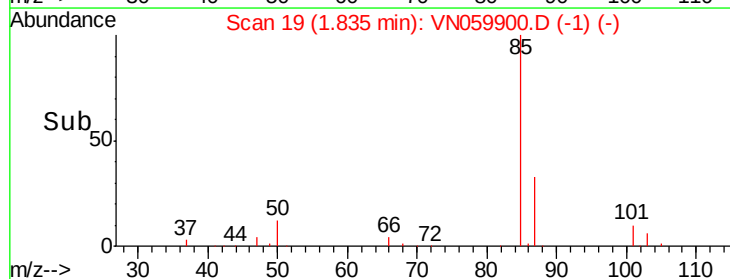
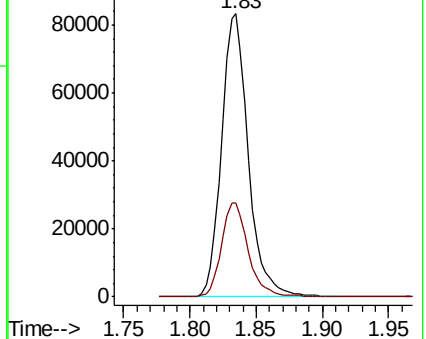
85 100

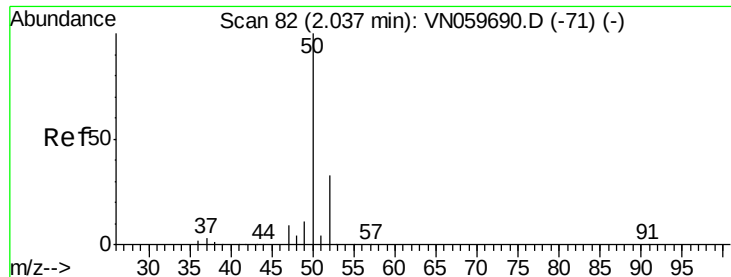
87 33.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

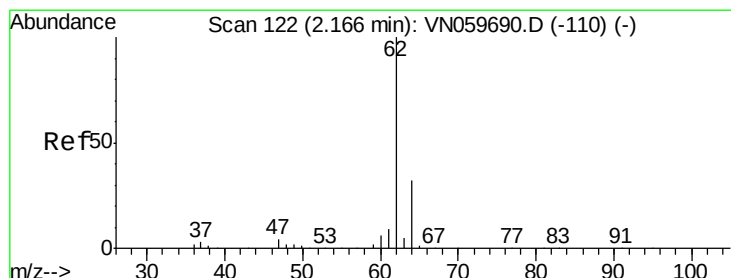
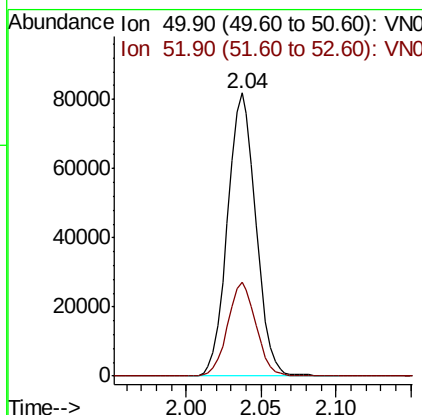
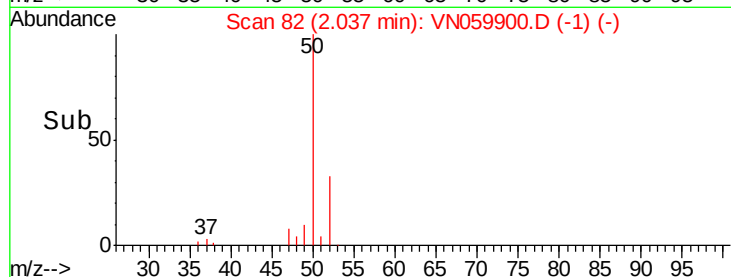
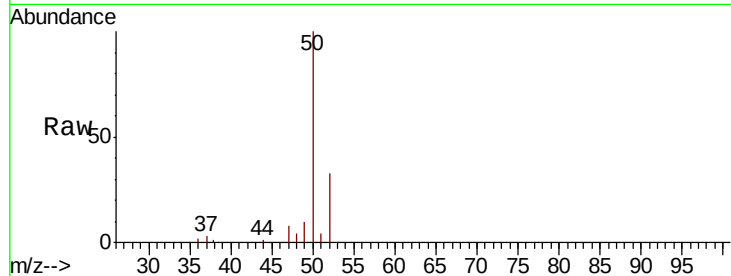




#3
Chloromethane
Concen: 47.308 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN059900.D
Acq: 29 Jan 2020 9:51

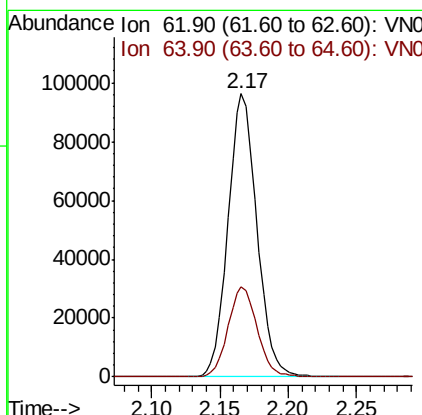
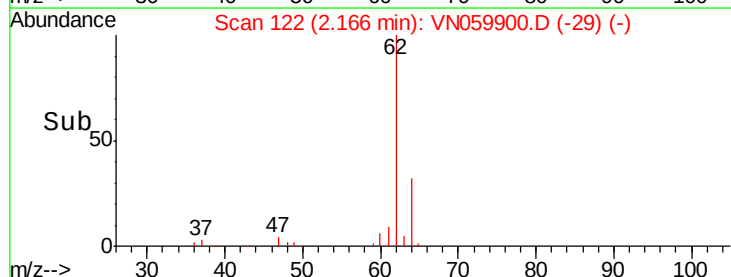
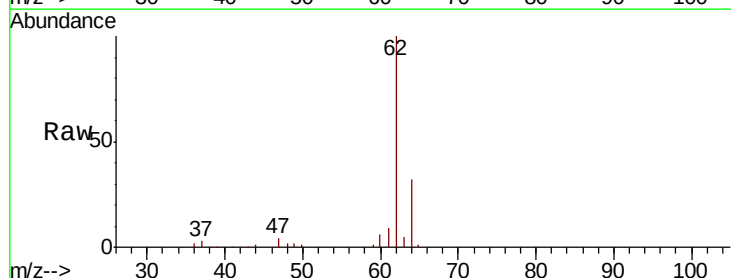
Instrument :
MSVOA_N
ClientSampled :

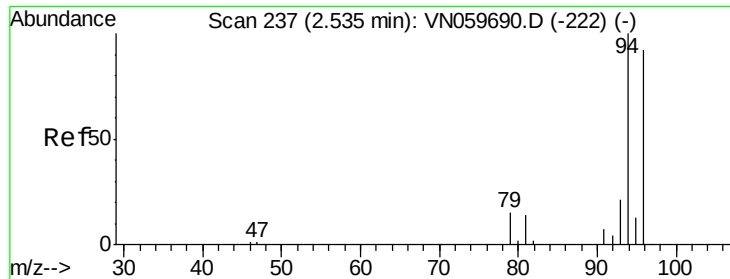
Tot Ion: 50 Resp: 107900
Ion Ratio Lower Upper
50 100
52 33.0 25.9 38.9



#4
Vinyl Chloride
Concen: 54.246 ug/l
RT: 2.17 min Scan# 122
Delta R.T. 0.00 min
Lab File: VN059900.D
Acq: 29 Jan 2020 9:51

Tgt Ion: 62 Resp: 141563
Ion Ratio Lower Upper
62 100
64 32.0 24.6 37.0

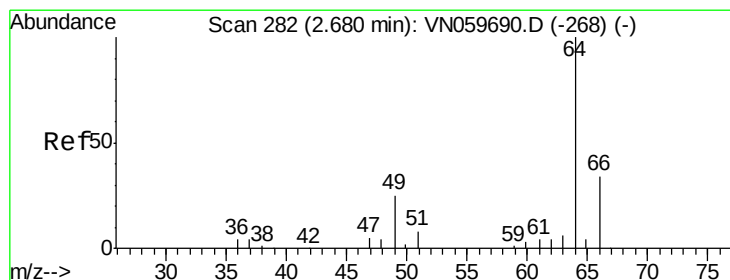
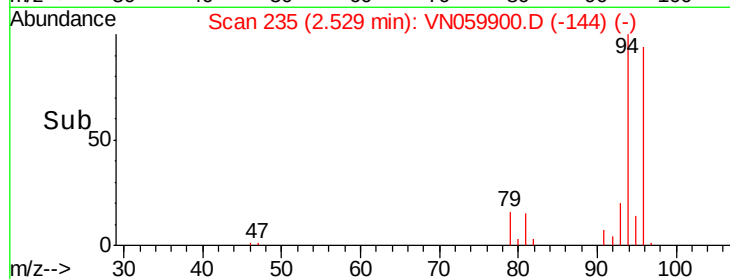
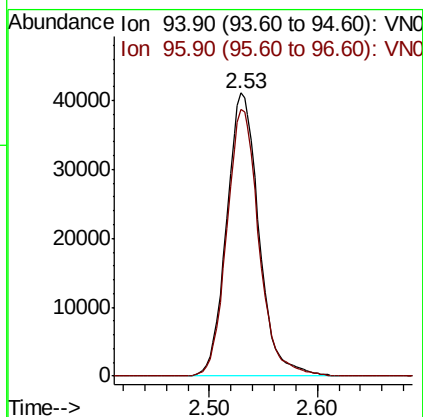
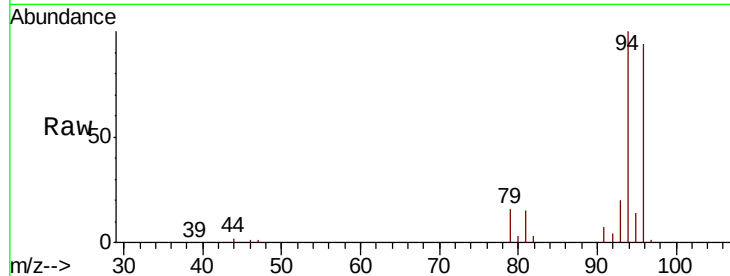




#5
Bromomethane
Concen: 53.784 ug/l
RT: 2.53 min Scan# 235
Delta R.T. -0.01 min
Lab File: VN059900.D
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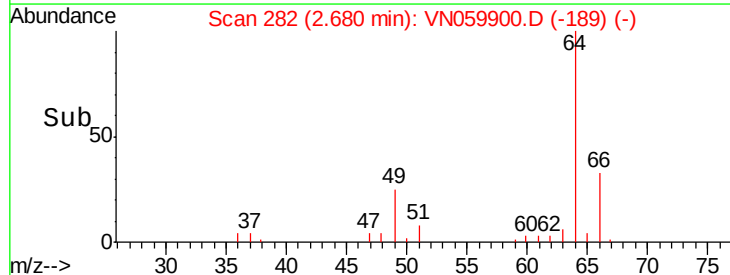
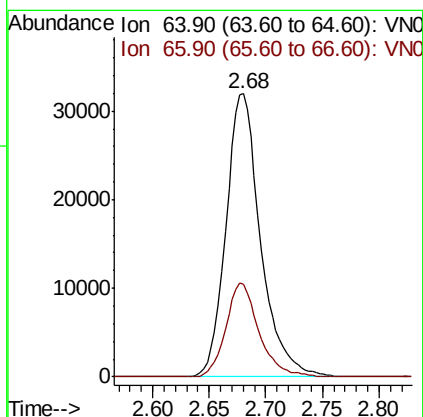
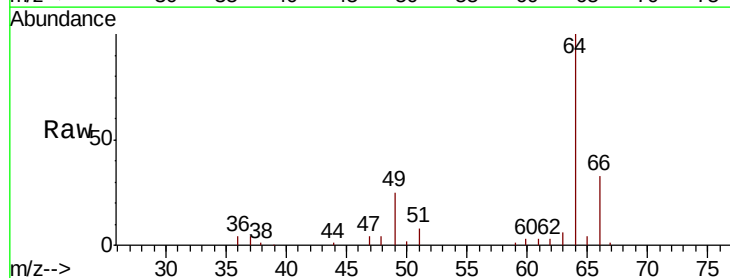
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MSVOA_N
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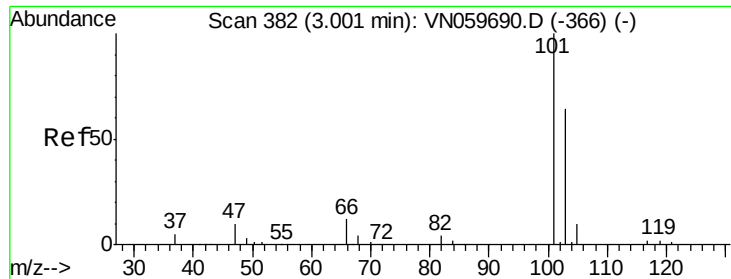
Tot Ion: 94 Resp: 85655
Ion Ratio Lower Upper
94 100
96 94.0 74.7 112.1



#6
Chloroethane
Concen: 55.059 ug/l
RT: 2.68 min Scan# 282
Delta R.T. 0.00 min
Lab File: VN059900.D
Acq: 29 Jan 2020 9:51

Tgt Ion: 64 Resp: 67977
Ion Ratio Lower Upper
64 100
66 32.6 25.1 37.7



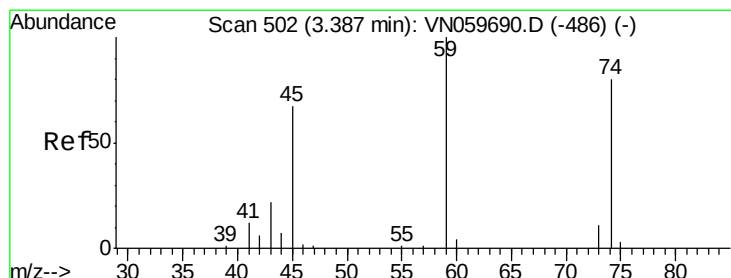
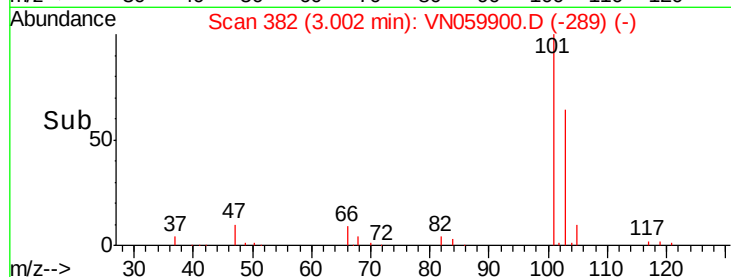
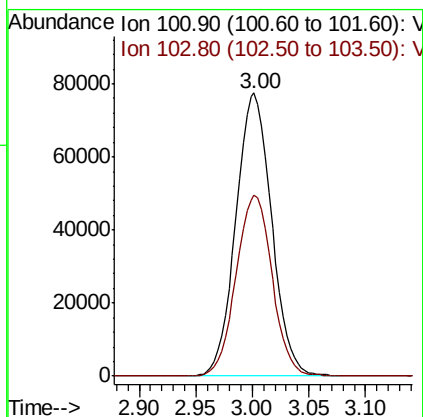
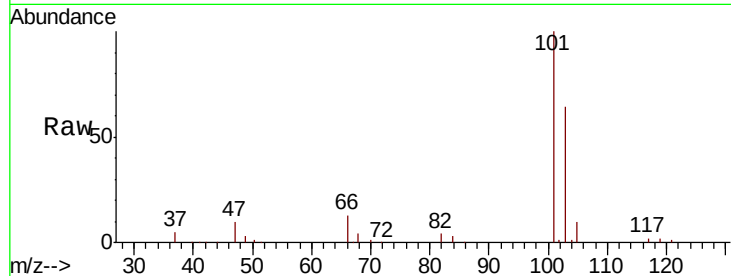


#7

Trichlorofluoromethane
Concen: 54.533 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN059900.D
Acq: 29 Jan 2020 9:51

Instrument :
MSVOA_N
ClientSampled :

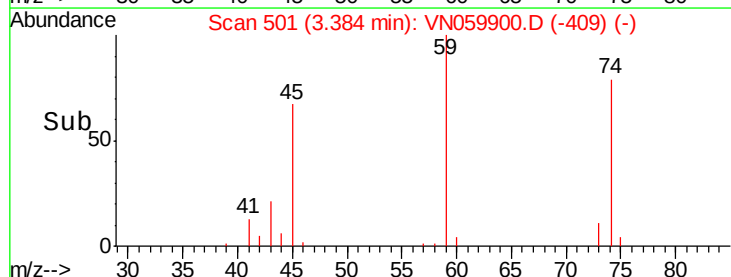
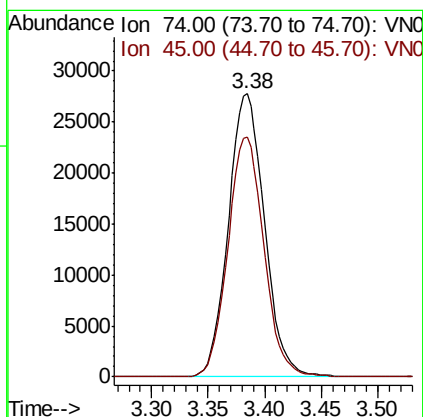
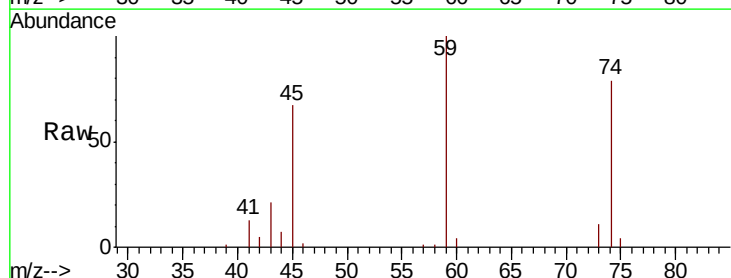
Tot Ion:101 Resp: 170908
Ion Ratio Lower Upper
101 100
103 63.8 51.0 76.6

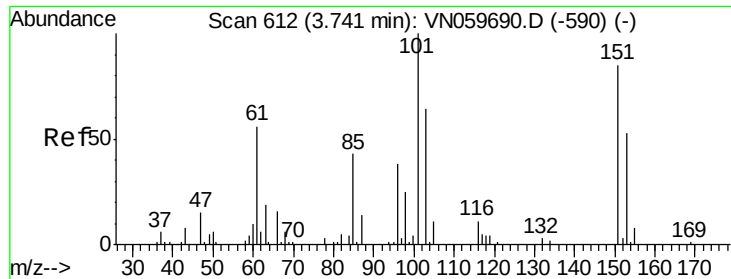


#8

Diethyl Ether
Concen: 56.203 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059900.D
Acq: 29 Jan 2020 9:51

Tgt Ion: 74 Resp: 61815
Ion Ratio Lower Upper
74 100
45 84.3 51.9 155.8

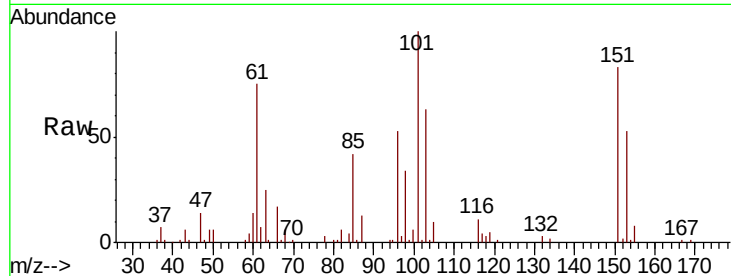




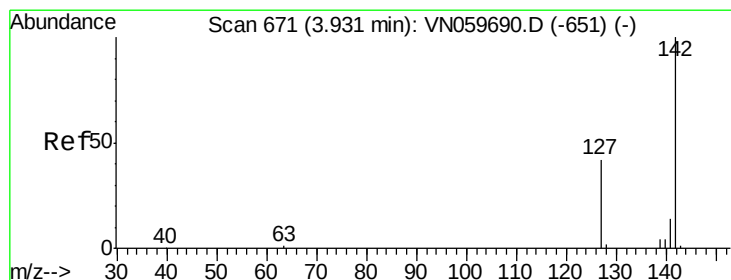
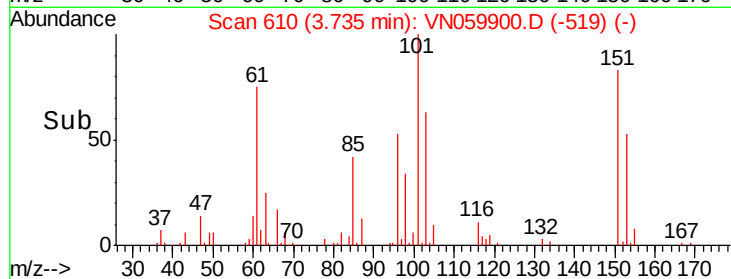
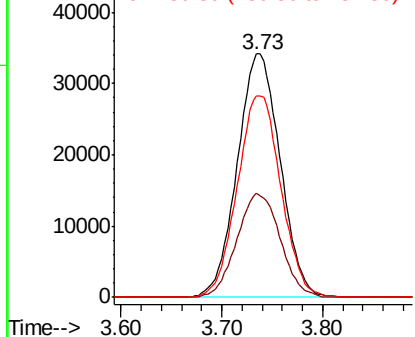
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 57.729 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: VN059900.D
 Acq: 29 Jan 2020 9:51

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:101 Resp: 100695
 Ion Ratio Lower Upper
 101 100
 85 43.0 36.6 54.8
 151 84.3 59.7 89.5

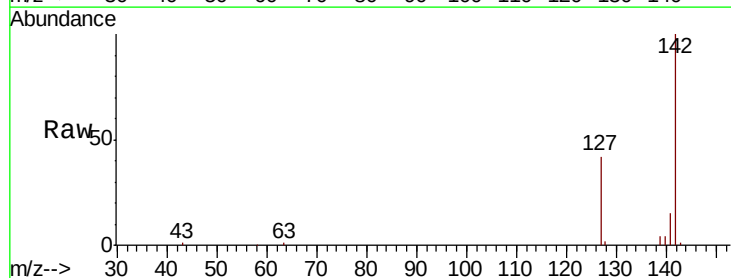


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

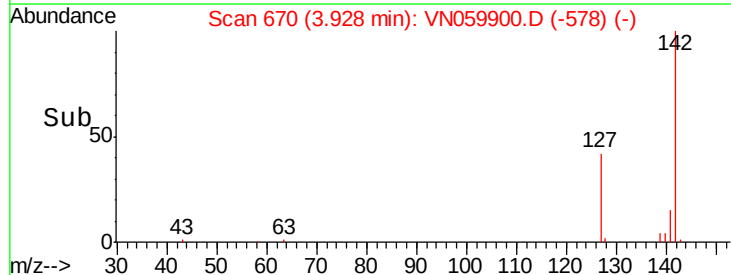
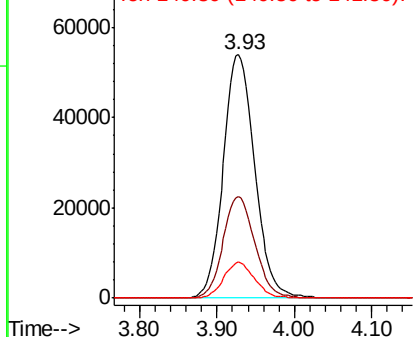


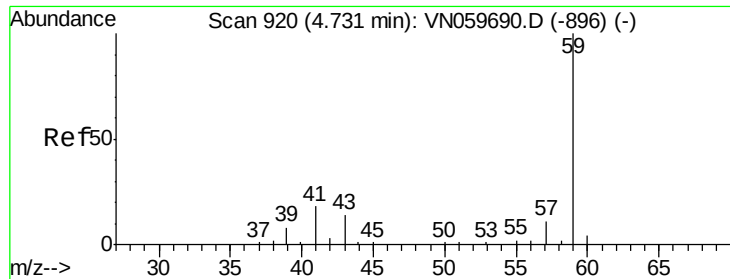
#10
 Methyl Iodide
 Concen: 54.071 ug/l
 RT: 3.93 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: VN059900.D
 Acq: 29 Jan 2020 9:51

Tgt Ion:142 Resp: 152451
 Ion Ratio Lower Upper
 142 100
 127 42.2 36.7 55.1
 141 14.4 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



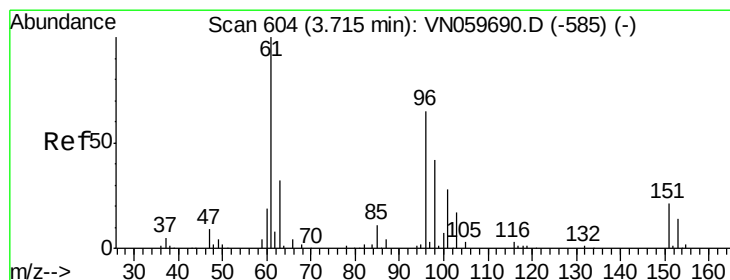
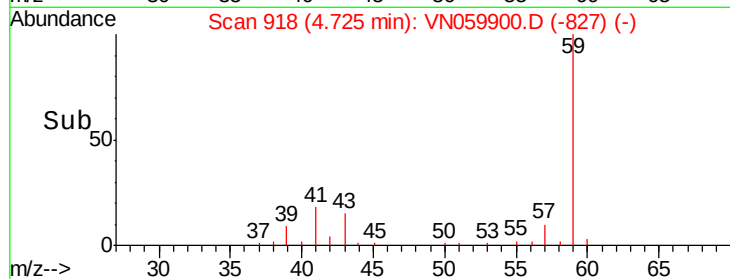
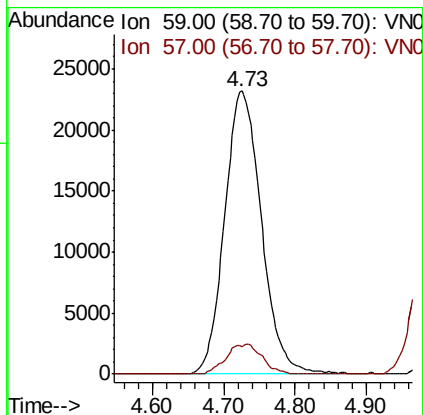
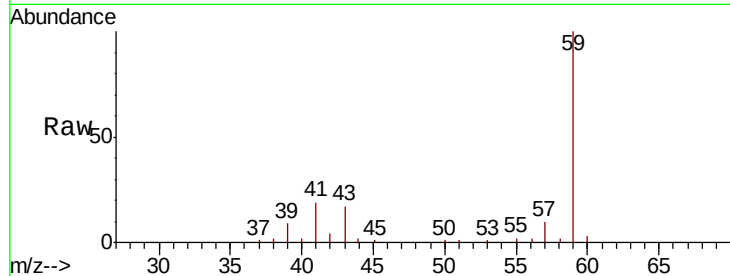


#11

Tert butyl alcohol
 Concen: 223.288 ug/l
 RT: 4.73 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: VN059900.D
 Acq: 29 Jan 2020 9:51

Instrument :
 MSVOA_N
 ClientSampled :

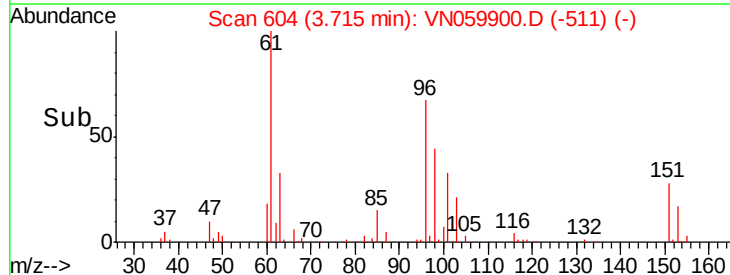
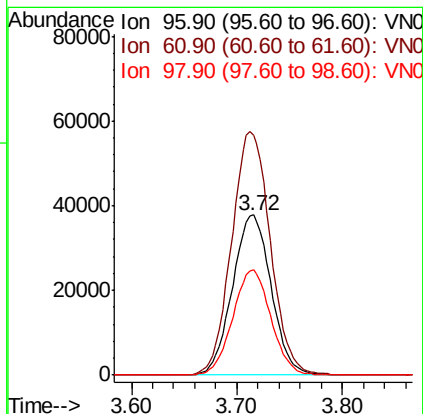
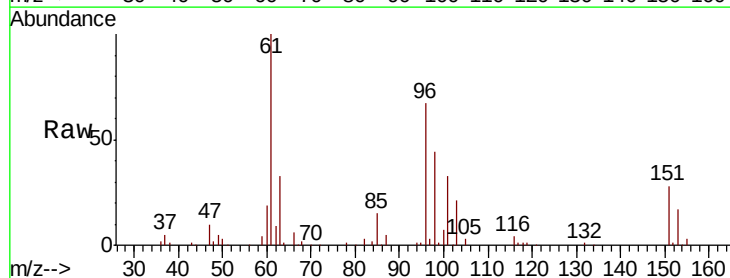
Tot Ion: 59 Resp: 83162
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.6 12.8

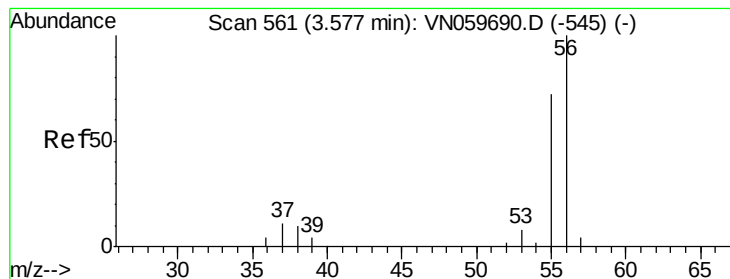


#12

1,1-Dichloroethene
 Concen: 52.857 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN059900.D
 Acq: 29 Jan 2020 9:51

Tgt Ion: 96 Resp: 96339
 Ion Ratio Lower Upper
 96 100
 61 149.9 137.5 206.3
 98 65.7 50.2 75.4





#13

Acrolein

Concen: 244.887 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN059900.D

Acq: 29 Jan 2020 9:51

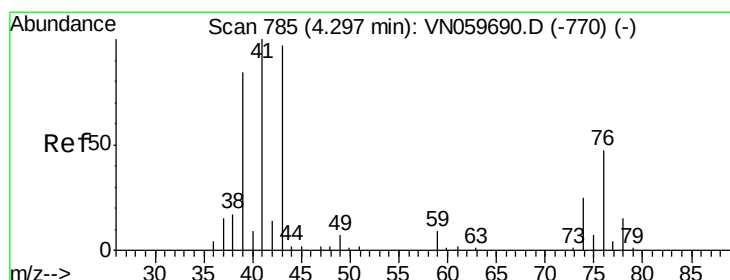
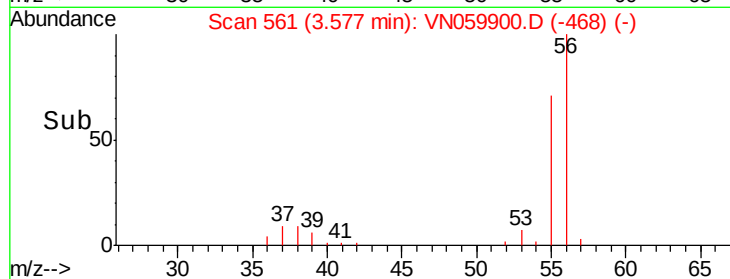
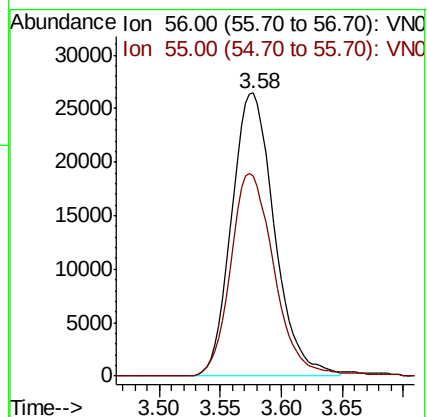
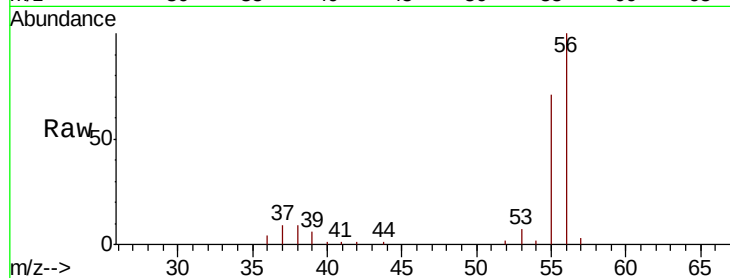
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 64563

Ion Ratio Lower Upper

56 100

55 72.7 58.6 88.0



#14

Allyl chloride

Concen: 52.733 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.01 min

Lab File: VN059900.D

Acq: 29 Jan 2020 9:51

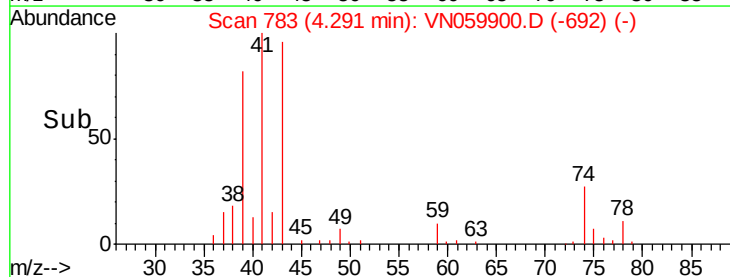
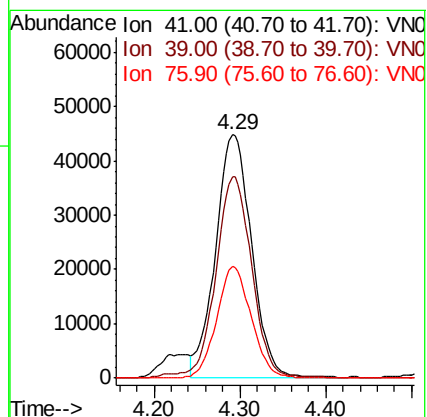
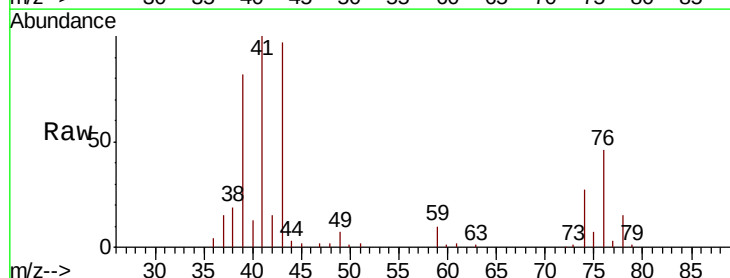
Tgt Ion: 41 Resp: 129550

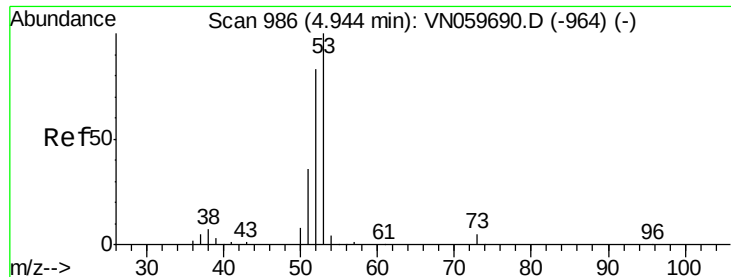
Ion Ratio Lower Upper

41 100

39 83.6 57.8 86.8

76 44.3 25.4 38.0#





#15

Acrylonitrile

Concen: 261.492 ug/l

RT: 4.94 min Scan# 985

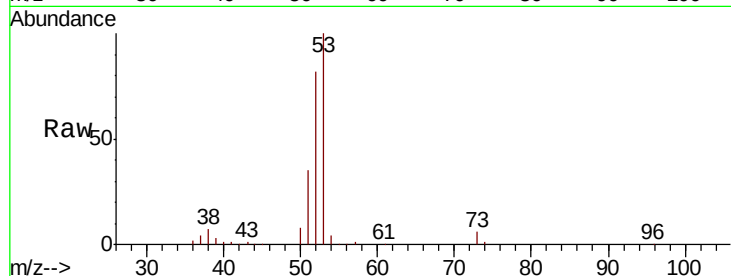
Delta R.T. -0.00 min

Lab File: VN059900.D

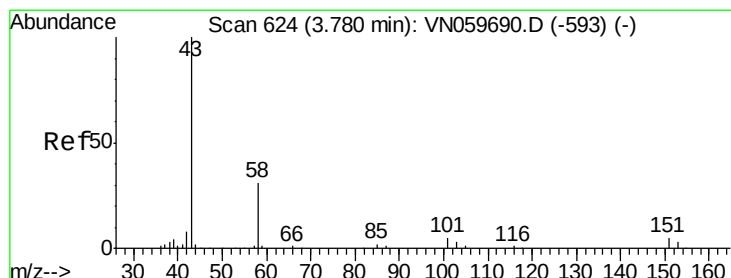
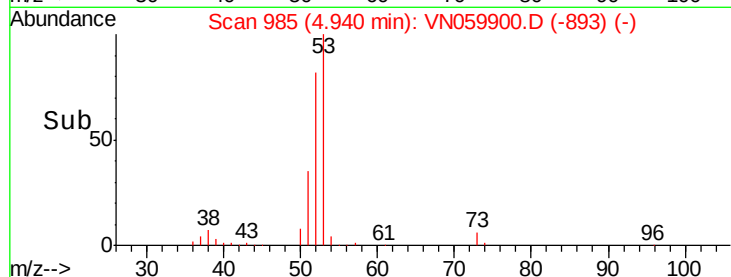
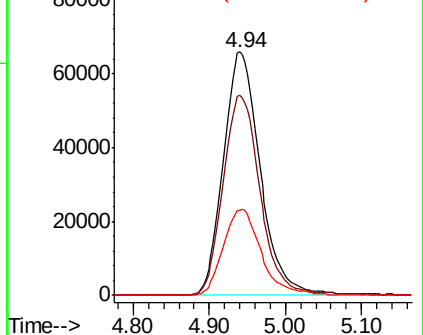
Acq: 29 Jan 2020 9:51

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	53	Resp:	222156
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.3	99.5
51	36.5	29.7	44.5



Abundance Ion 53.00 (52.70 to 53.70): VN0
Ion 52.00 (51.70 to 52.70): VN0
Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 347.135 ug/l

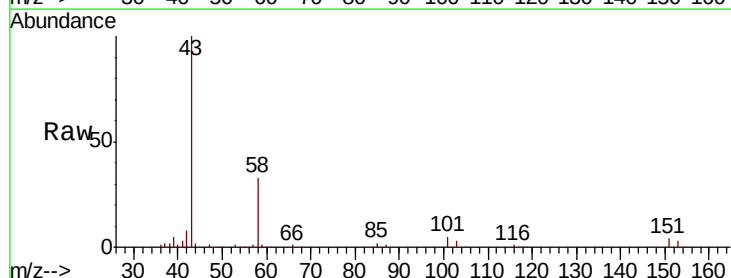
RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

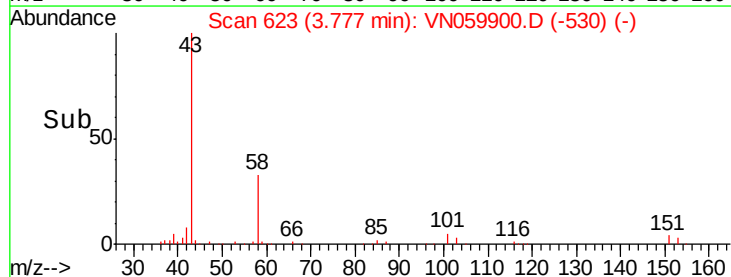
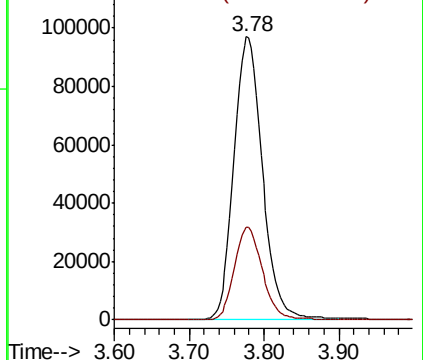
Lab File: VN059900.D

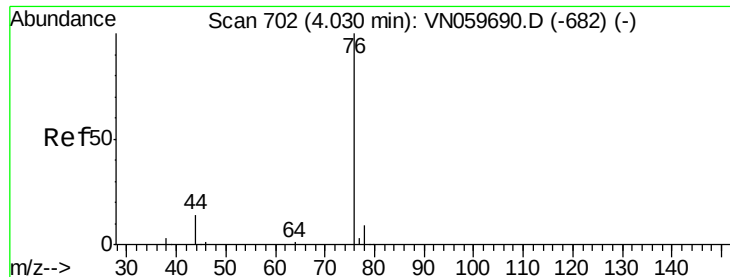
Acq: 29 Jan 2020 9:51

Tgt Ion:	43	Resp:	259006
Ion	Ratio	Lower	Upper
43	100		
58	32.7	23.6	35.4



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





#17

Carbon Disulfide

Concen: 46.235 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN059900.D

Acq: 29 Jan 2020 9:51

Instrument :

MSVOA_N

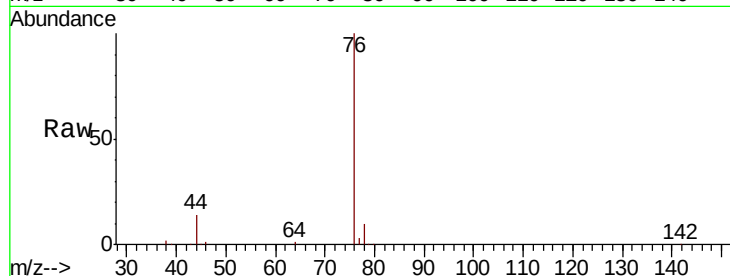
ClientSampled :

Tot Ion: 76 Resp: 240057

Ion Ratio Lower Upper

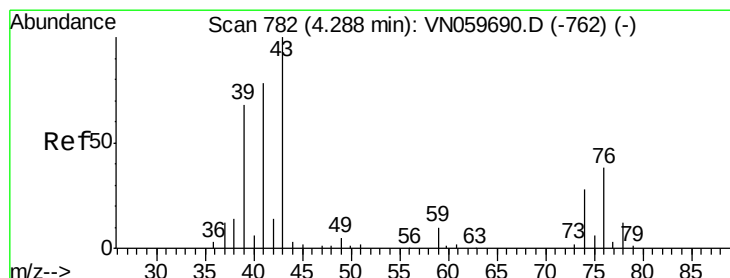
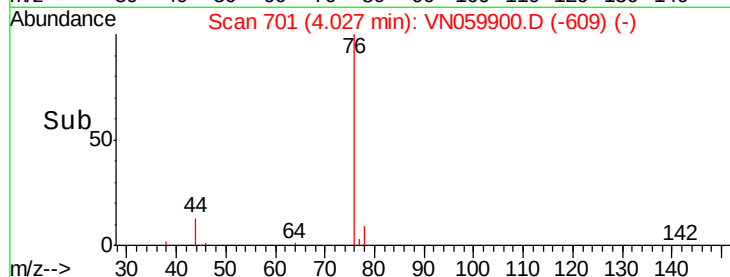
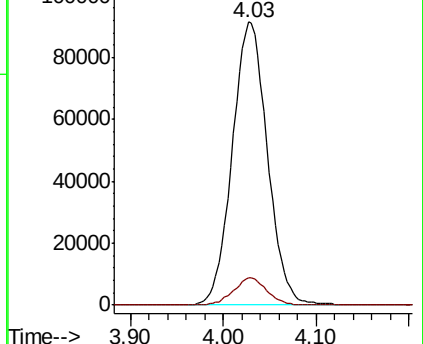
76 100

78 9.6 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 51.552 ug/l

RT: 4.28 min Scan# 781

Delta R.T. -0.00 min

Lab File: VN059900.D

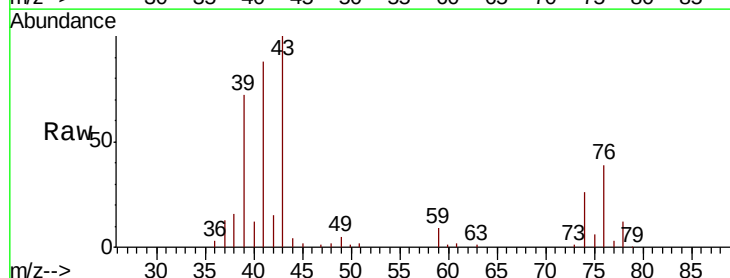
Acq: 29 Jan 2020 9:51

Tgt Ion: 43 Resp: 133221

Ion Ratio Lower Upper

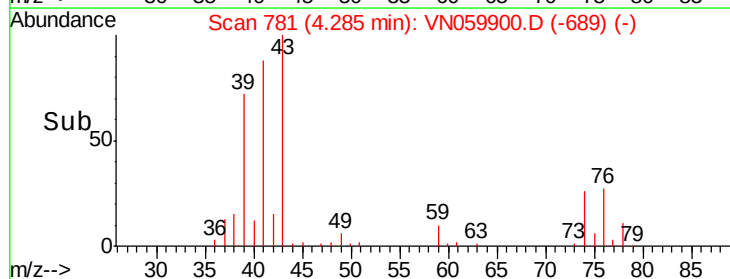
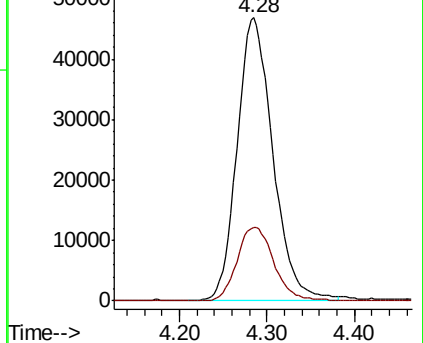
43 100

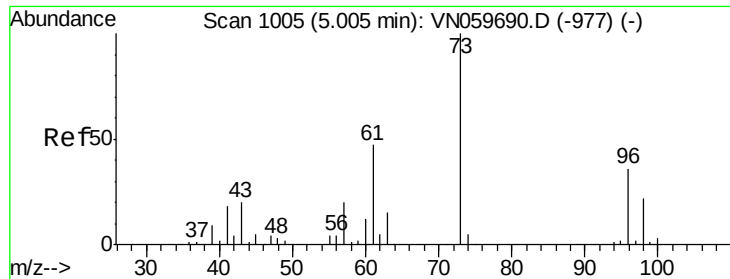
74 26.8 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

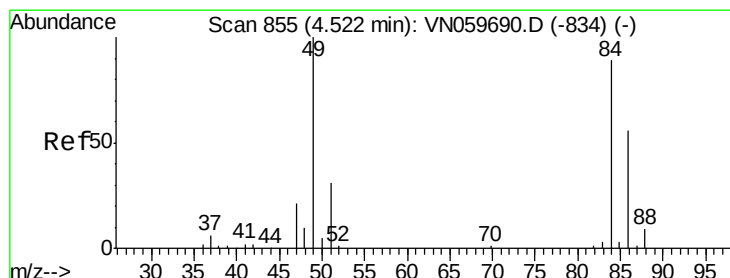
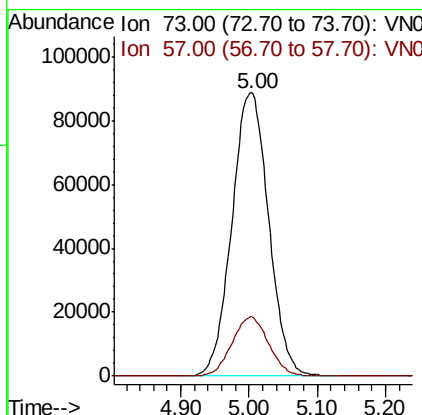
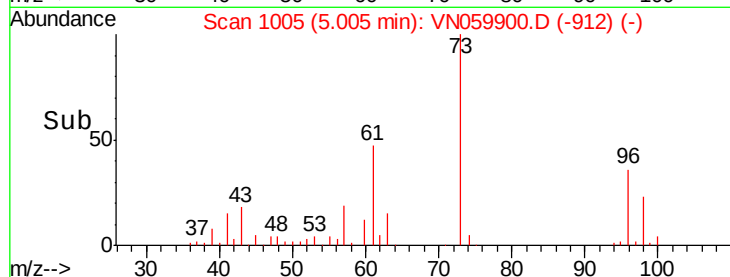
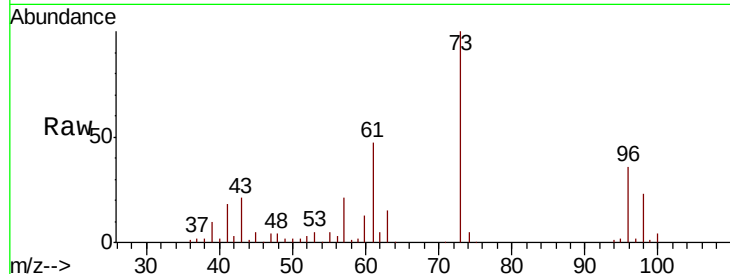




#19
Methyl tert-butyl Ether
Concen: 55.834 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN059900.D
Acq: 29 Jan 2020 9:51

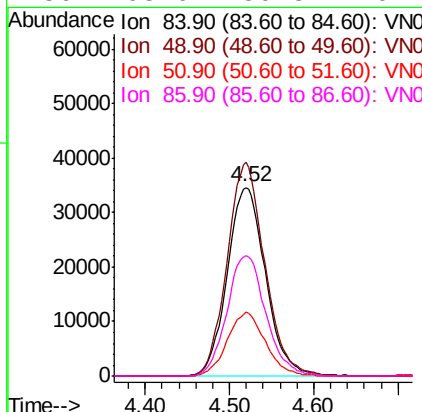
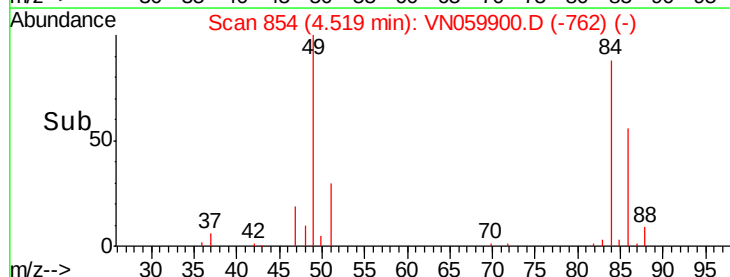
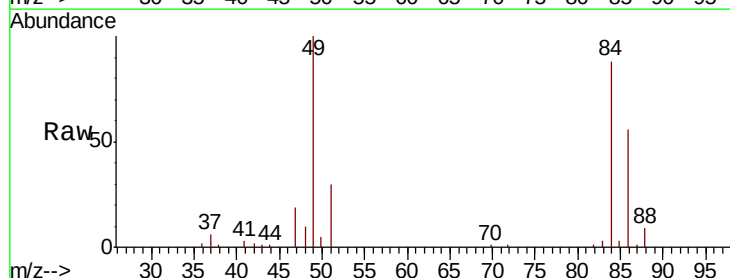
Instrument :
MSVOA_N
ClientSampled :

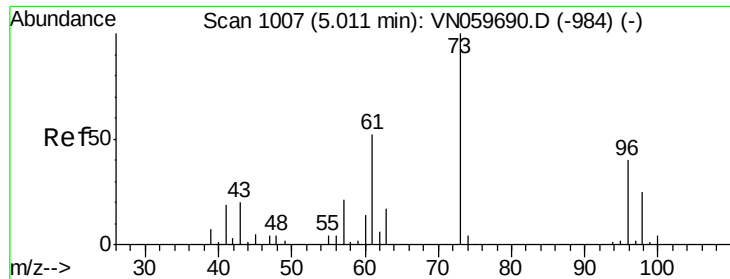
Tot Ion: 73 Resp: 331800
Ion Ratio Lower Upper
73 100
57 20.9 18.6 27.8



#20
Methylene Chloride
Concen: 54.696 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059900.D
Acq: 29 Jan 2020 9:51

Tgt Ion: 84 Resp: 109237
Ion Ratio Lower Upper
84 100
49 113.3 106.6 160.0
51 33.8 31.9 47.9
86 63.6 50.8 76.2

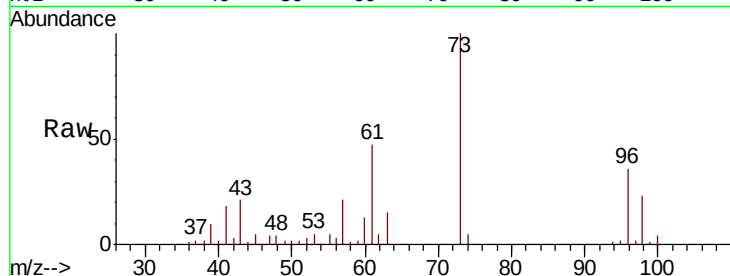




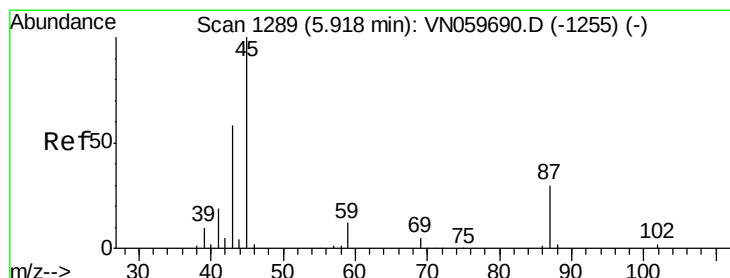
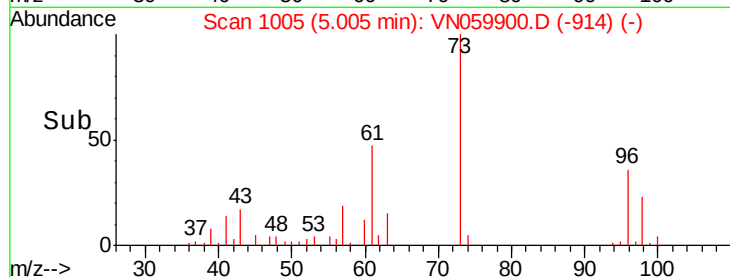
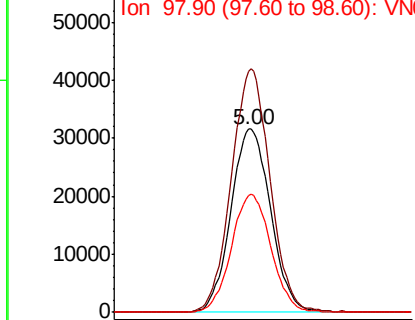
#21
trans-1,2-Dichloroethene
Concen: 53.455 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: VN059900.D
Acq: 29 Jan 2020 9:51

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 103566
Ion Ratio Lower Upper
96 100
61 131.8 120.4 180.6
98 63.9 50.6 75.8

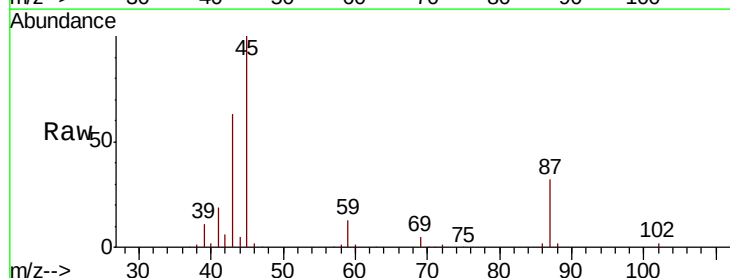


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

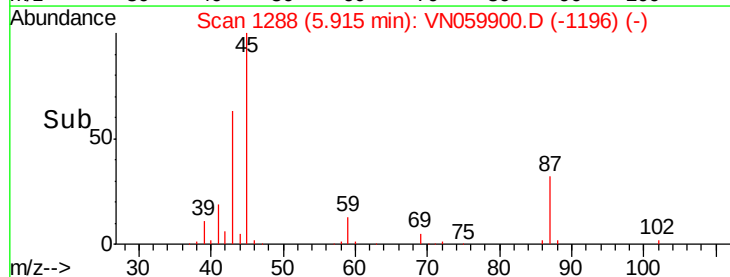
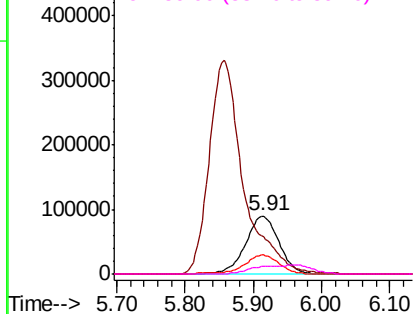


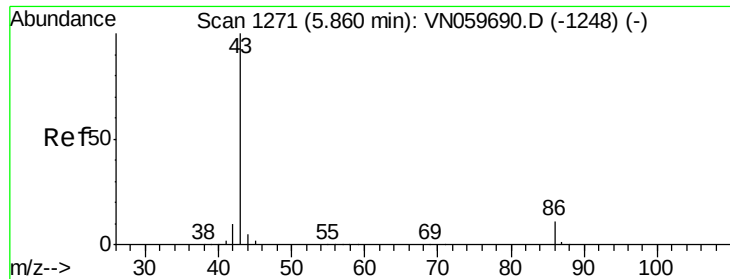
#22
Diisopropyl ether
Concen: 54.529 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN059900.D
Acq: 29 Jan 2020 9:51

Tgt Ion: 45 Resp: 303582
Ion Ratio Lower Upper
45 100
43 62.1 50.8 76.2
87 32.5 21.0 31.6#
59 13.0 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

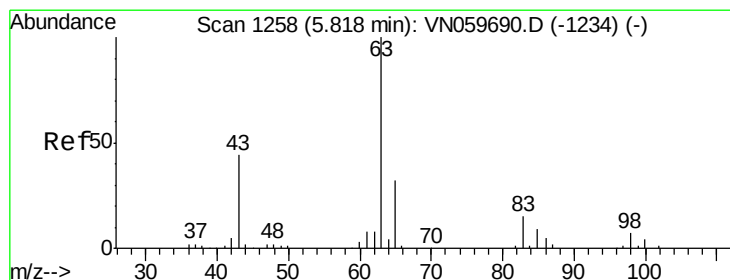
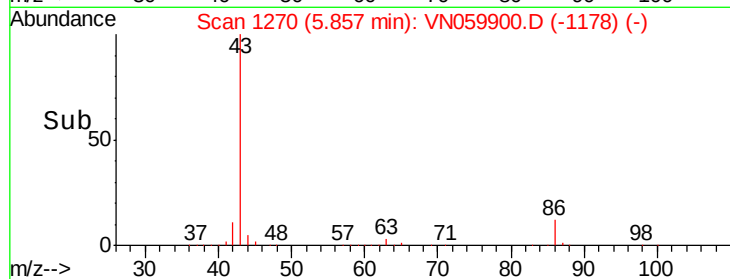
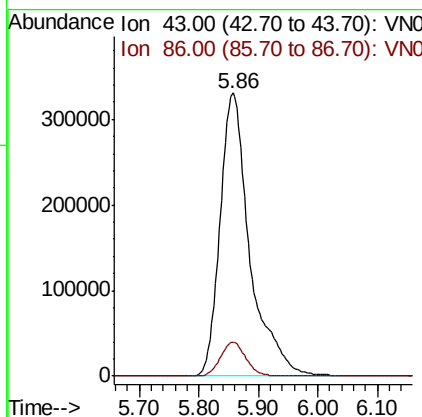
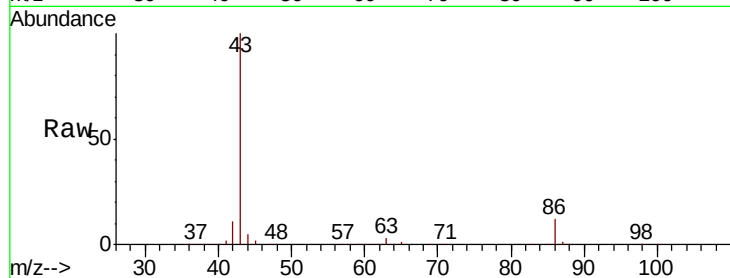




#23
 Vinyl Acetate
 Concen: 266.979 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN059900.D
 Acq: 29 Jan 2020 9:51

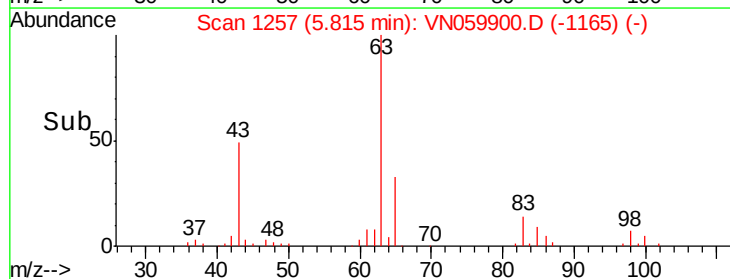
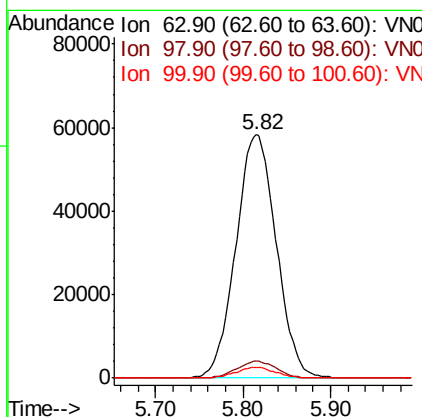
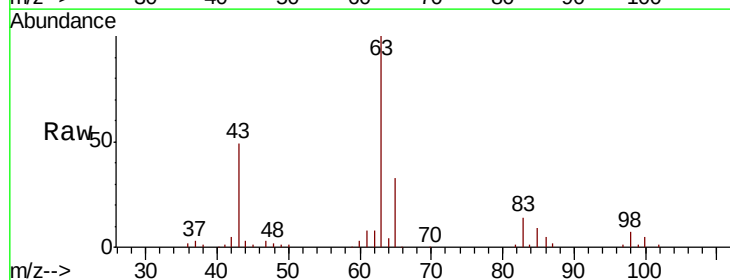
Instrument :
 MSVOA_N
 ClientSampled :

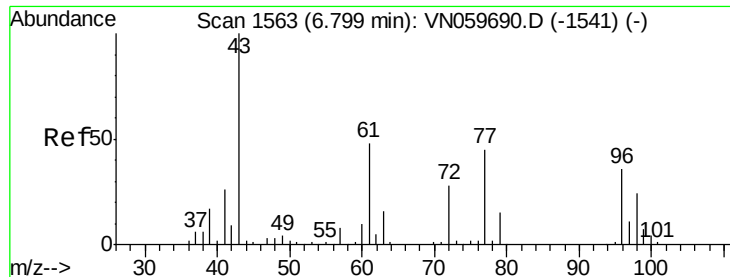
Tot Ion: 43 Resp: 1150808
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.6 11.4#



#24
 1,1-Dichloroethane
 Concen: 54.873 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN059900.D
 Acq: 29 Jan 2020 9:51

Tgt Ion: 63 Resp: 186665
 Ion Ratio Lower Upper
 63 100
 98 6.9 2.9 8.7
 100 4.6 2.0 6.0





#25

2-Butanone

Concen: 256.694 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059900.D

Acq: 29 Jan 2020 9:51

Instrument :

MSVOA_N

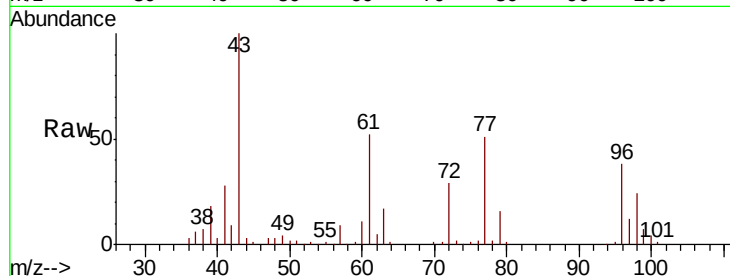
ClientSampled :

Tot Ion: 43 Resp: 321600

Ion Ratio Lower Upper

43 100

72 29.4 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN059900.D (-1541) (-)

Ion 72.00 (71.70 to 72.70): VN059900.D (-1541) (-)

6.80

120000

100000

80000

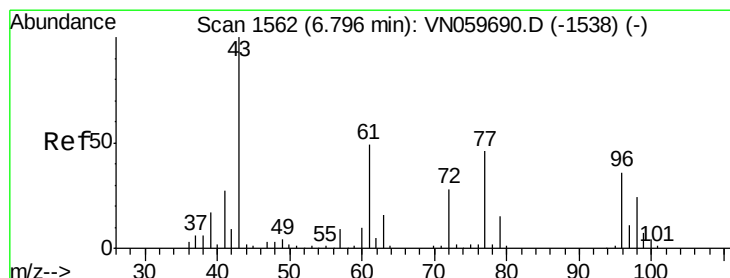
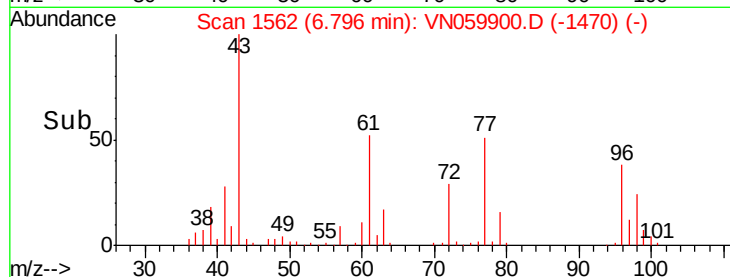
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 55.774 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN059900.D

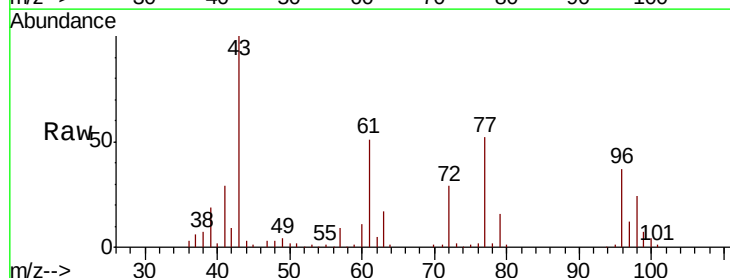
Acq: 29 Jan 2020 9:51

Tgt Ion: 77 Resp: 182404

Ion Ratio Lower Upper

77 100

97 23.5 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN059900.D (-1538) (-)

Ion 96.90 (96.60 to 97.60): VN059900.D (-1538) (-)

6.79

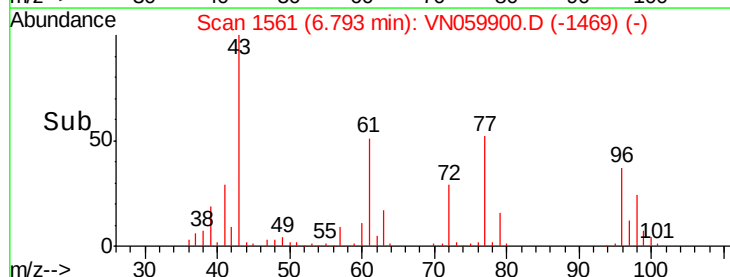
60000

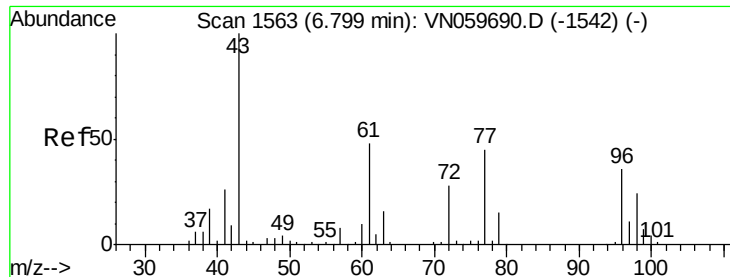
40000

20000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 55.756 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

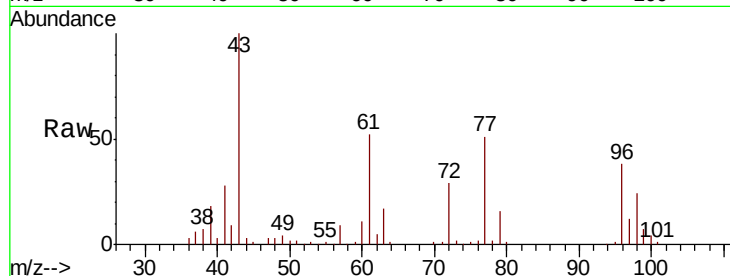
Lab File: VN059900.D

Acq: 29 Jan 2020 9:51

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 124247

Ion	Ratio	Lower	Upper
96	100		
61	138.4	0.0	317.6
98	65.1	0.0	127.0

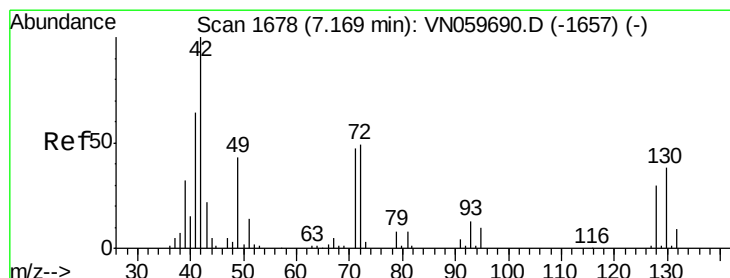
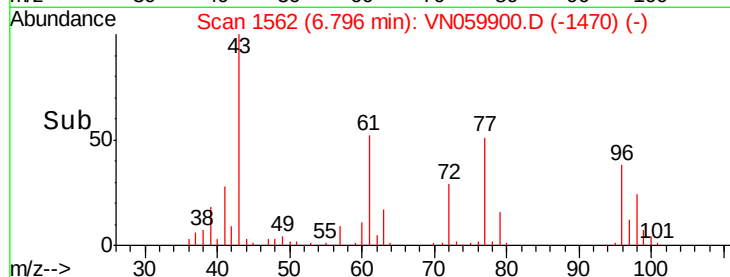
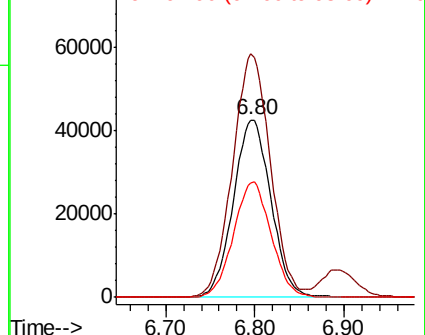


Abundance

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: 48.380 ug/l

RT: 7.17 min Scan# 1677

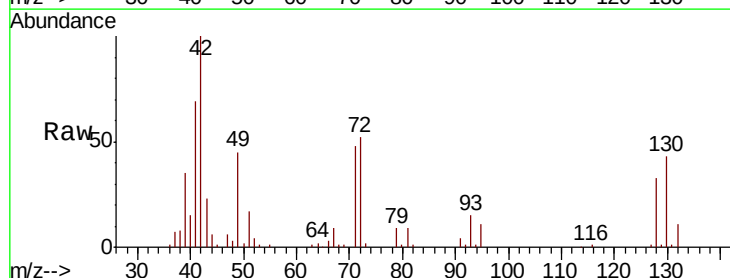
Delta R.T. -0.00 min

Lab File: VN059900.D

Acq: 29 Jan 2020 9:51

Tgt Ion: 49 Resp: 65780

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	3.4
130	92.7	54.7	82.1#

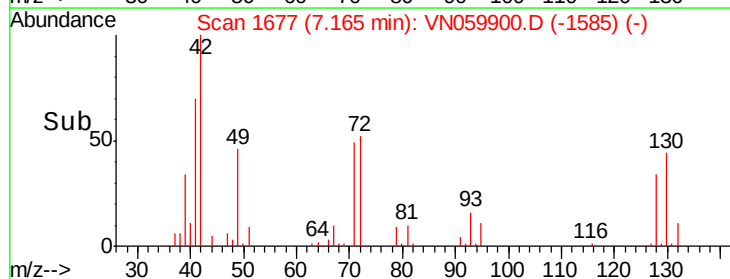
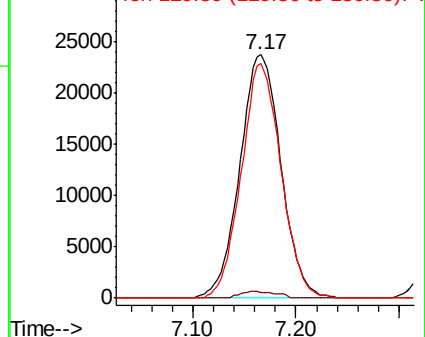


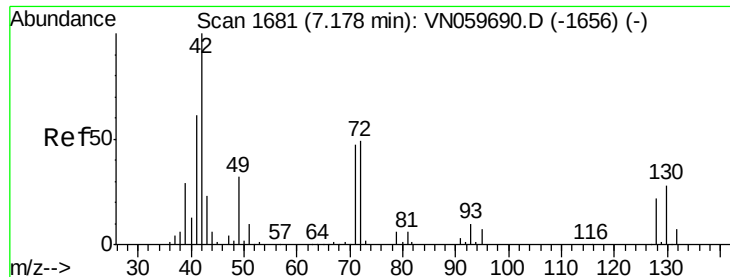
Abundance

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

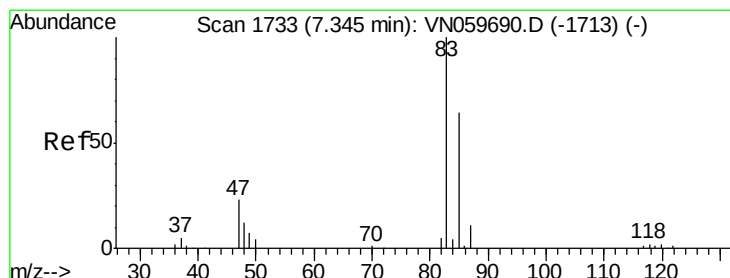
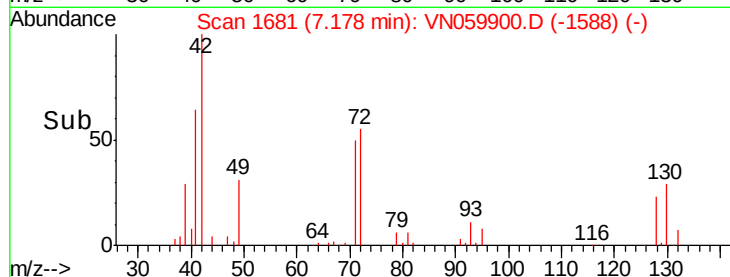
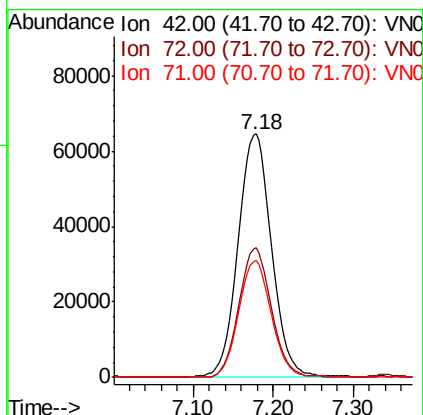
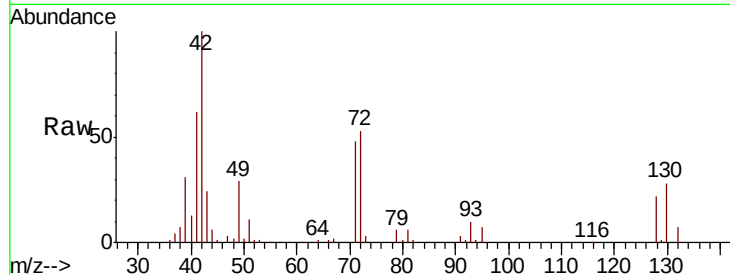




#29
Tetrahydrofuran
Concen: 235.889 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN059900.D
Acq: 29 Jan 2020 9:51

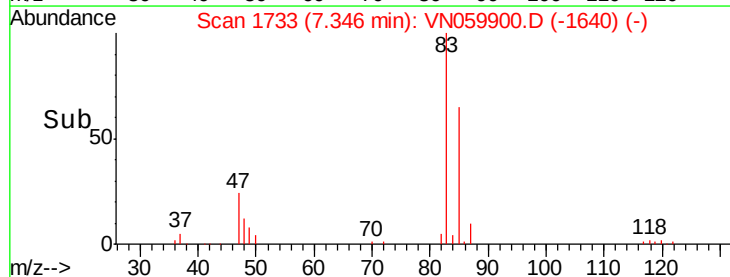
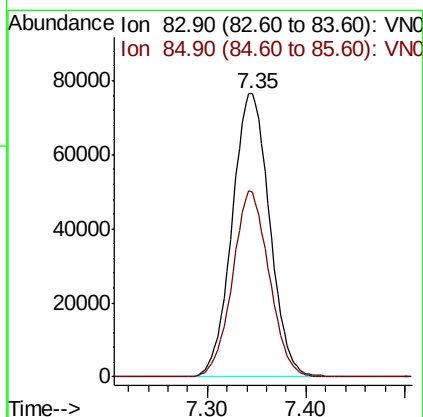
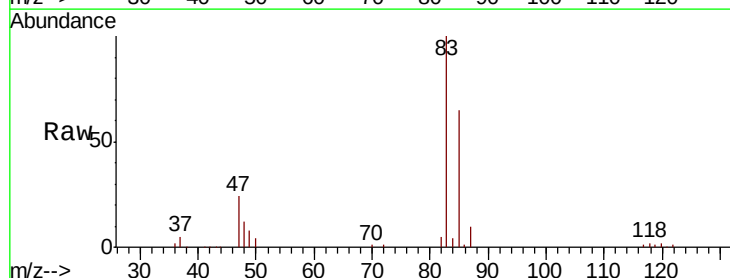
Instrument :
MSVOA_N
ClientSampled :

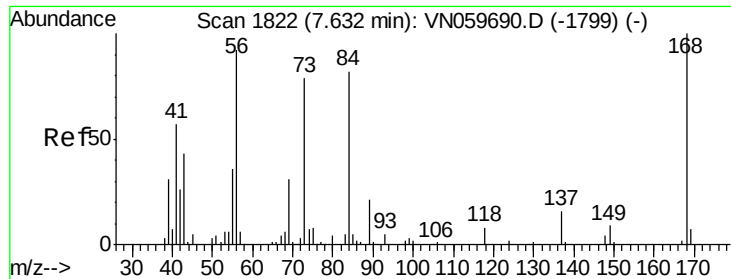
Tot Ion: 42 Resp: 182853
Ion Ratio Lower Upper
42 100
72 51.5 33.1 49.7#
71 46.9 31.4 47.0



#30
Chloroform
Concen: 57.291 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059900.D
Acq: 29 Jan 2020 9:51

Tgt Ion: 83 Resp: 201932
Ion Ratio Lower Upper
83 100
85 65.1 52.4 78.6

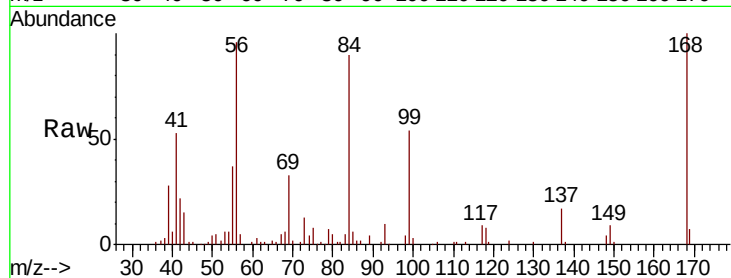




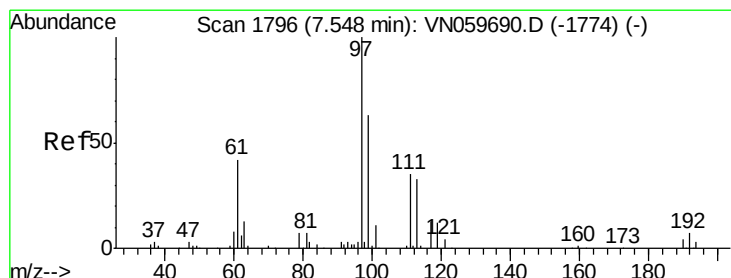
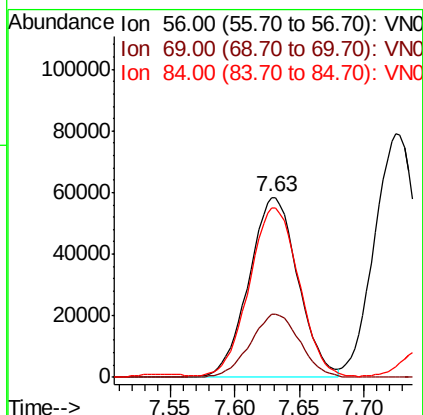
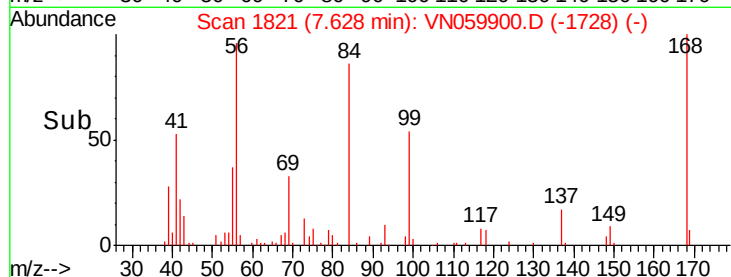
#31
Cyclohexane
Concen: 47.459 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VN059900.D
Acq: 29 Jan 2020 9:51

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 155352
Ion Ratio Lower Upper
56 100
69 34.9 26.5 39.7
84 92.9 65.3 97.9

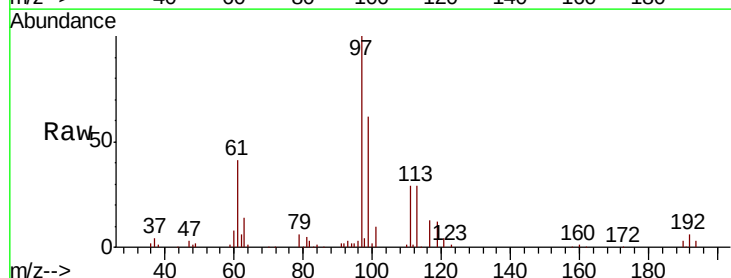


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

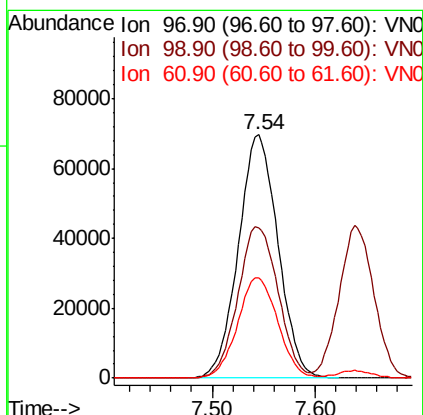
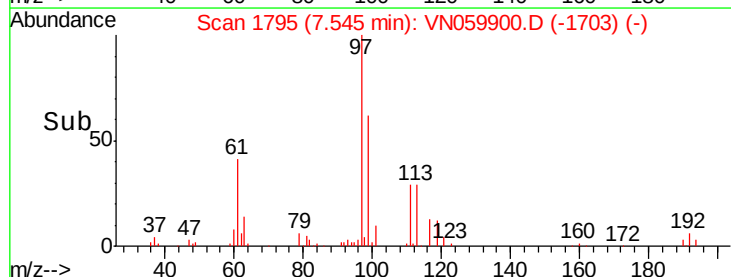


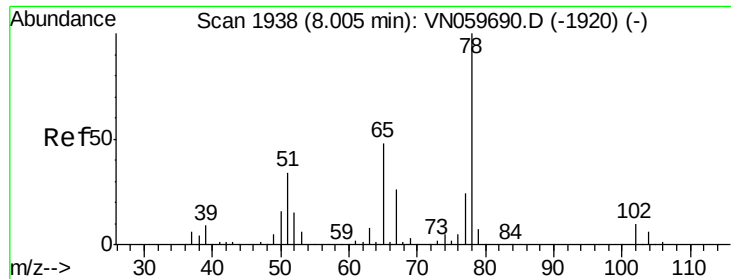
#32
1,1,1-Trichloroethane
Concen: 57.008 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN059900.D
Acq: 29 Jan 2020 9:51

Tgt Ion: 97 Resp: 185784
Ion Ratio Lower Upper
97 100
99 63.5 51.0 76.4
61 42.0 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

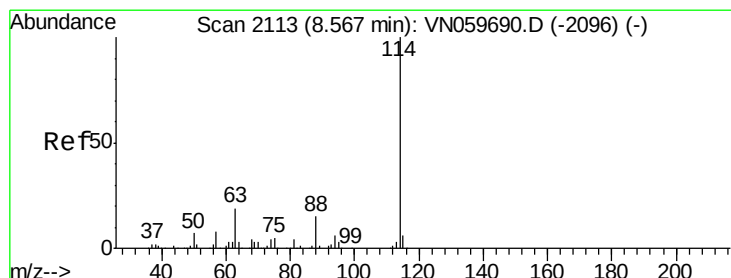
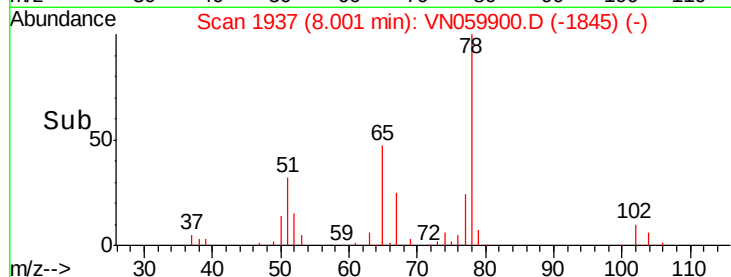
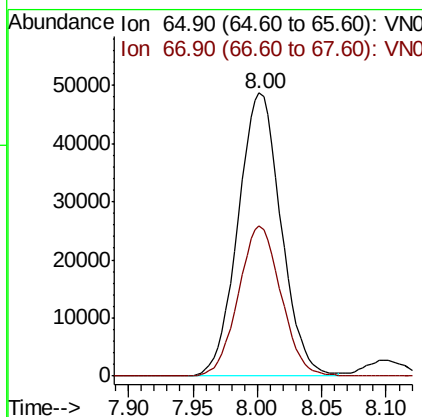
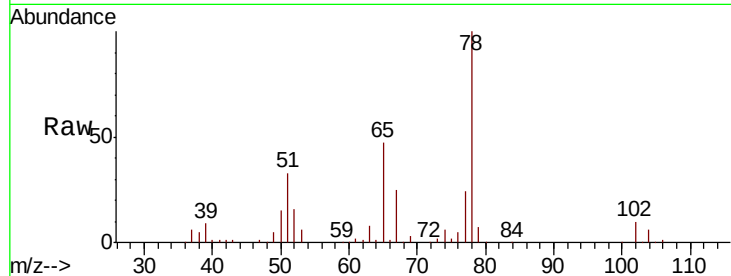




#33
 1,2-Dichloroethane-d4
 Concen: 51.070 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059900.D
 Acq: 29 Jan 2020 9:51

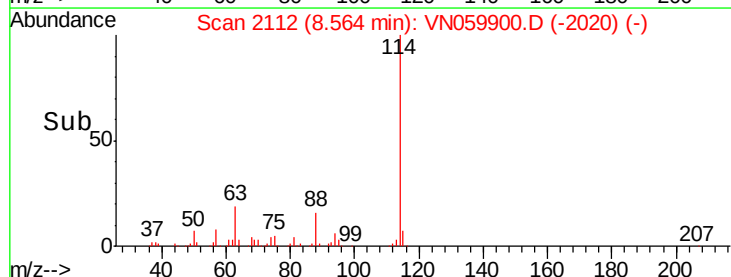
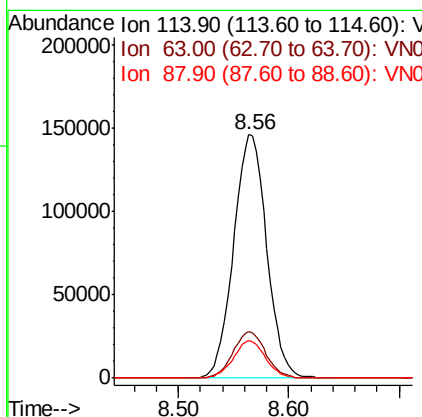
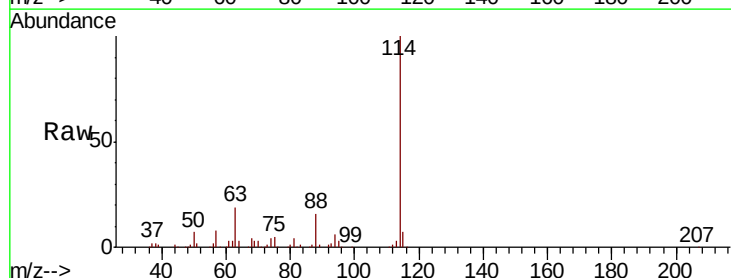
Instrument :
 MSVOA_N
 ClientSampled :

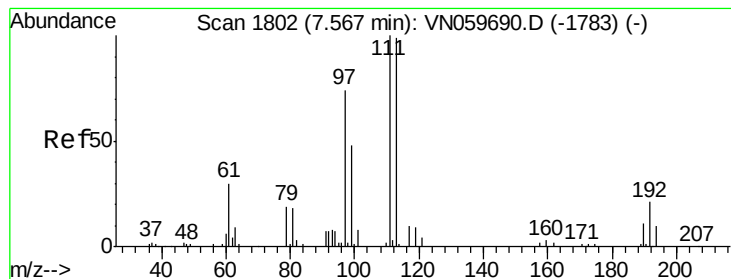
Tot Ion: 65 Resp: 112986
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059900.D
 Acq: 29 Jan 2020 9:51

Tgt Ion: 114 Resp: 303490
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 43.6
 88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.694 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN059900.D

Acq: 29 Jan 2020 9:51

Instrument :

MSVOA_N

ClientSampled :

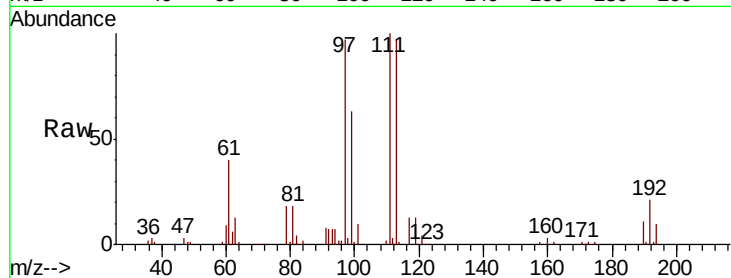
Tot Ion:113 Resp: 97178

Ion Ratio Lower Upper

113 100

111 102.6 83.5 125.3

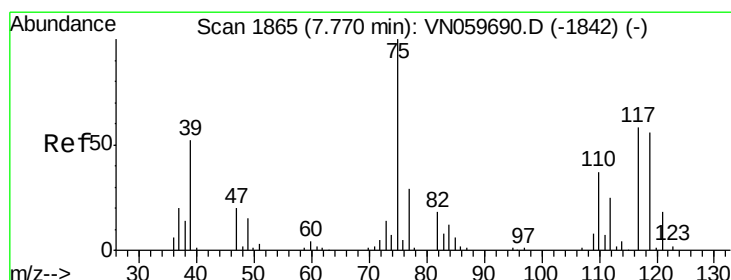
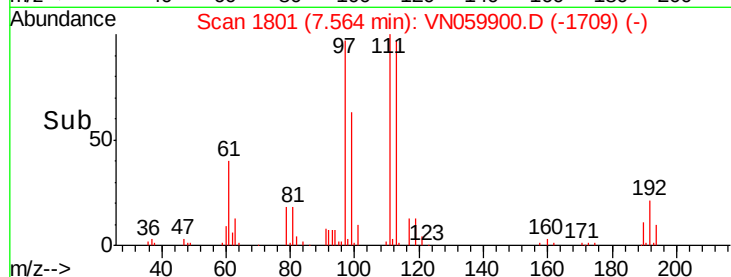
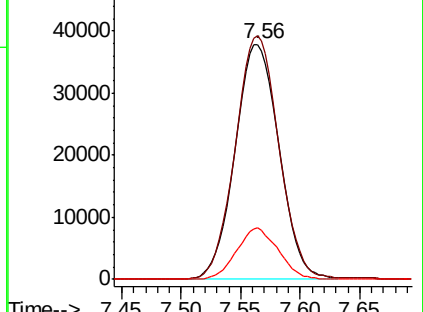
192 20.7 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 54.999 ug/l

RT: 7.77 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN059900.D

Acq: 29 Jan 2020 9:51

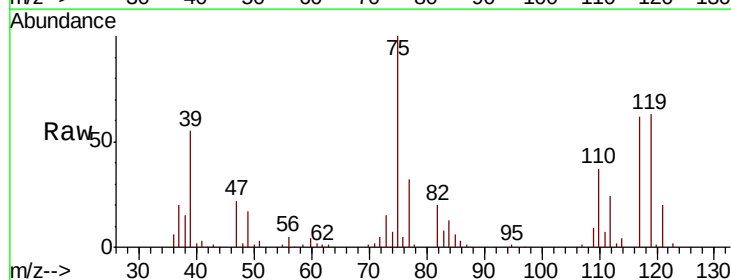
Tgt Ion: 75 Resp: 145356

Ion Ratio Lower Upper

75 100

110 37.7 16.6 49.7

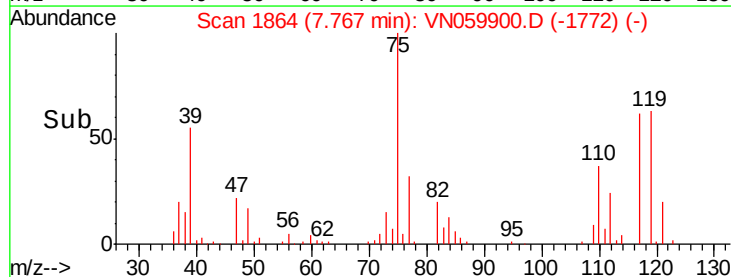
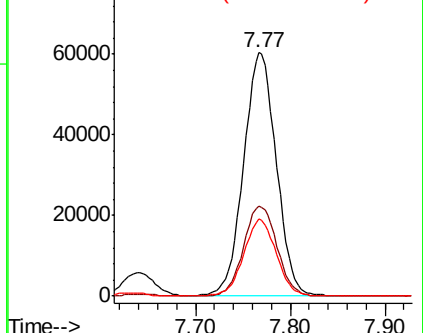
77 31.3 25.1 37.7

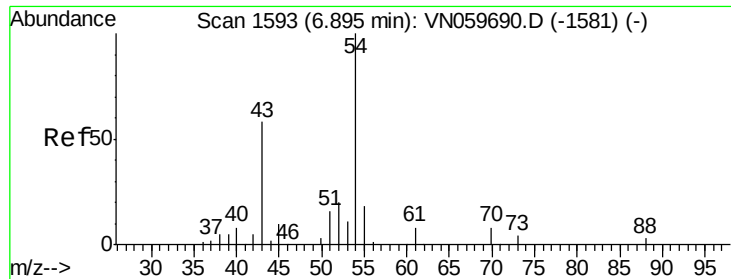


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

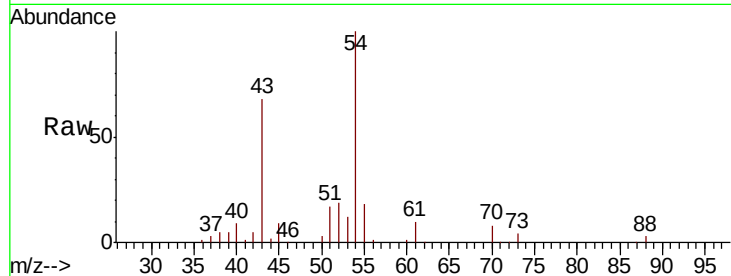




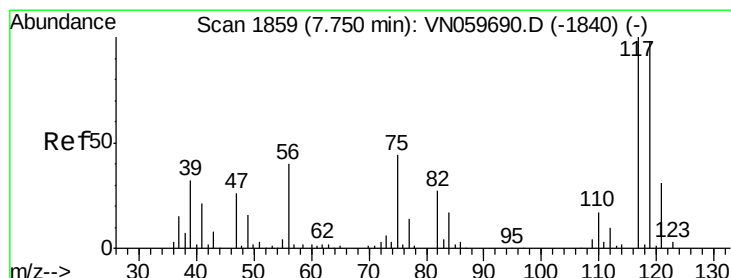
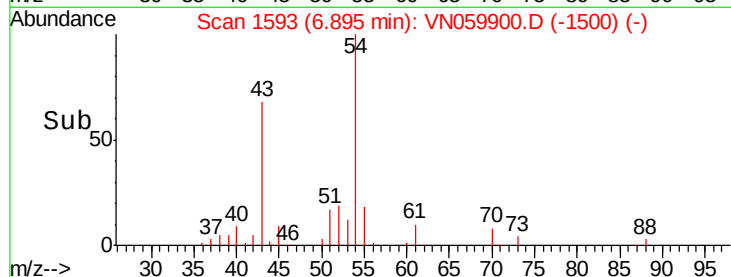
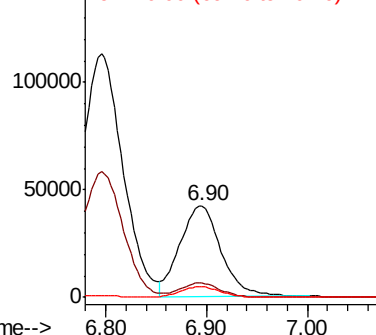
#37
Ethyl Acetate
Concen: 48.608 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN059900.D
Acq: 29 Jan 2020 9:51

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 120491
Ion Ratio Lower Upper
43 100
61 15.3 10.9 16.3
70 11.6 7.7 11.5#

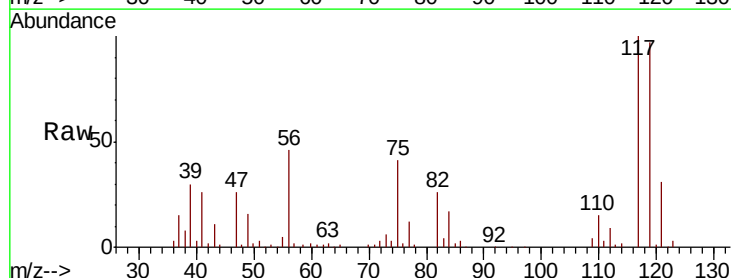


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

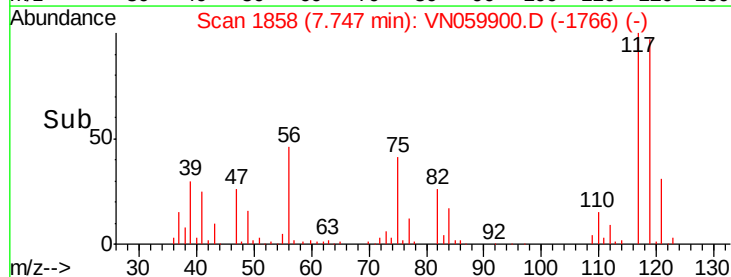
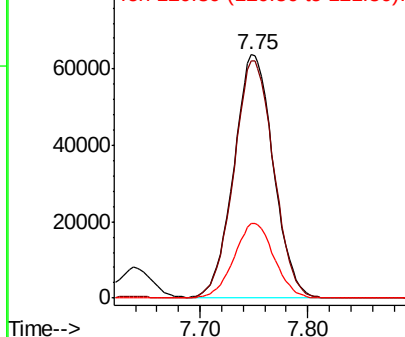


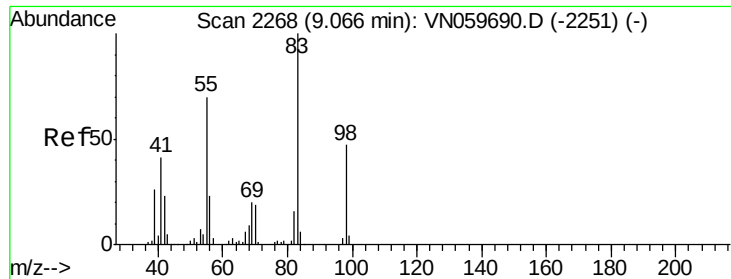
#38
Carbon Tetrachloride
Concen: 56.698 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN059900.D
Acq: 29 Jan 2020 9:51

Tgt Ion: 117 Resp: 163003
Ion Ratio Lower Upper
117 100
119 97.3 76.5 114.7
121 30.5 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

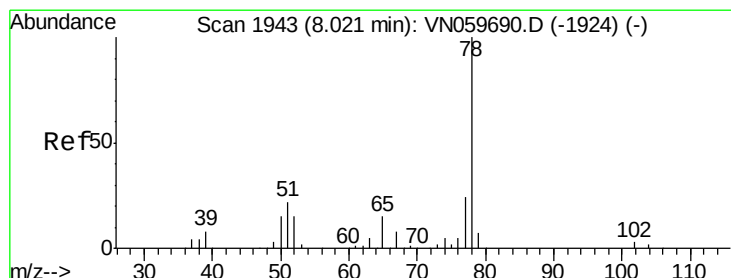
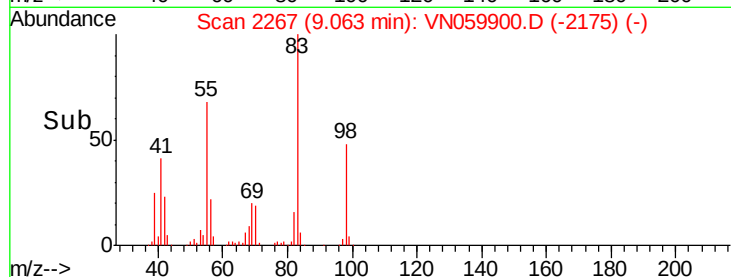
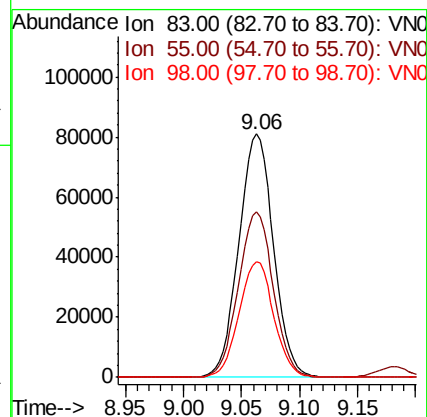
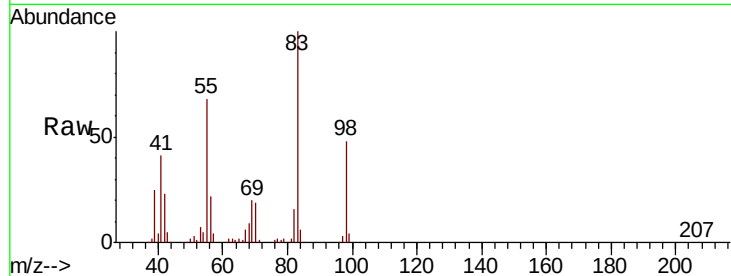




#39
Methylvlcyclohexane
Concen: 51.722 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059900.D
Acq: 29 Jan 2020 9:51

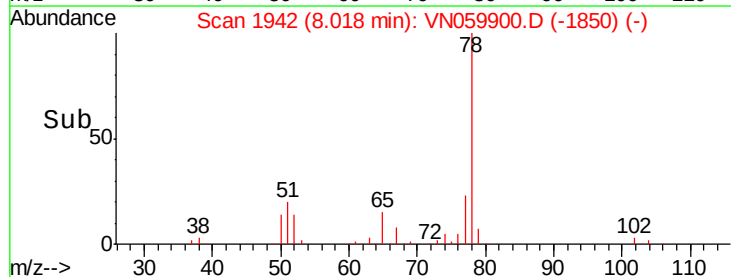
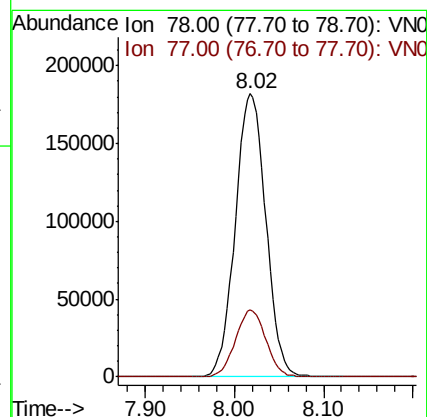
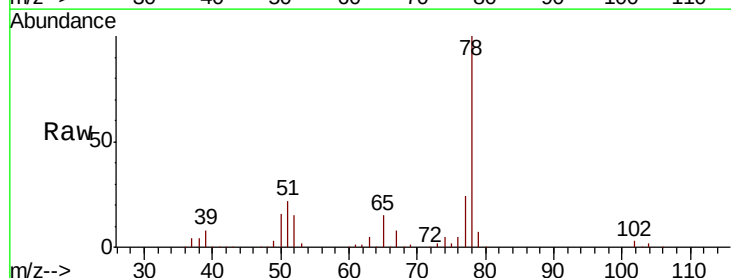
Instrument :
MSVOA_N
ClientSampled :

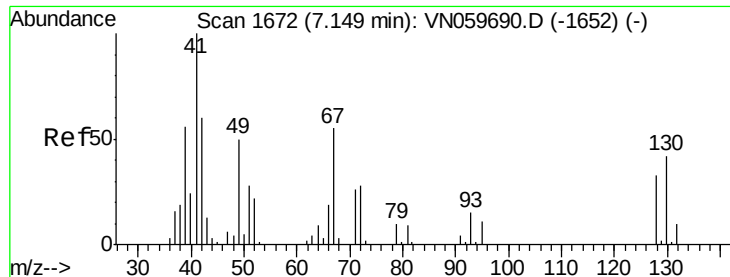
Tot Ion: 83 Resp: 168550
Ion Ratio Lower Upper
83 100
55 67.9 64.2 96.2
98 47.6 35.9 53.9



#40
Benzene
Concen: 54.894 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059900.D
Acq: 29 Jan 2020 9:51

Tgt Ion: 78 Resp: 432677
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3

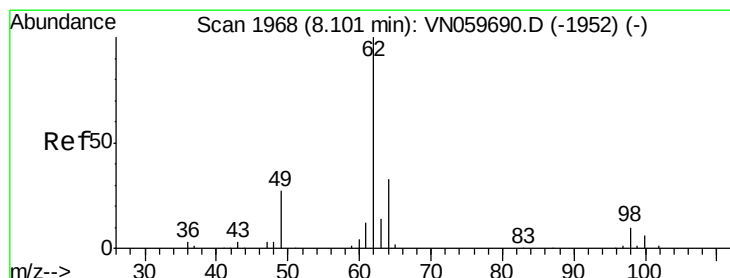
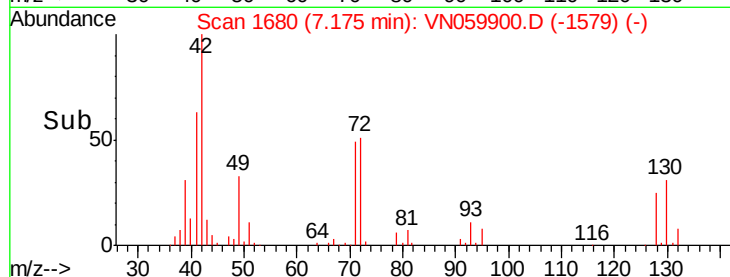
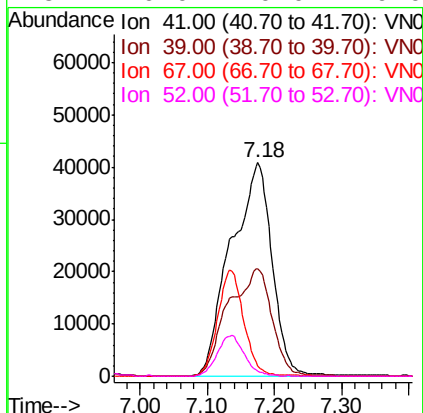
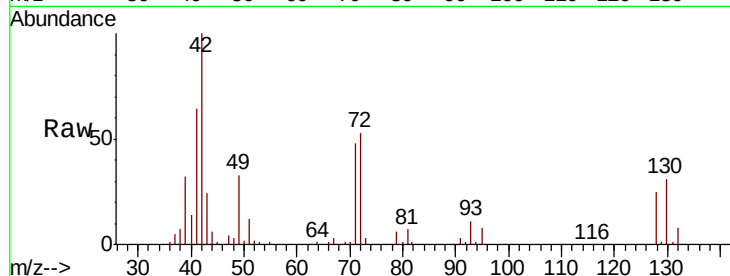




#41
Methacrylonitrile
Concen: 141.750 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN059900.D
Acq: 29 Jan 2020 9:51

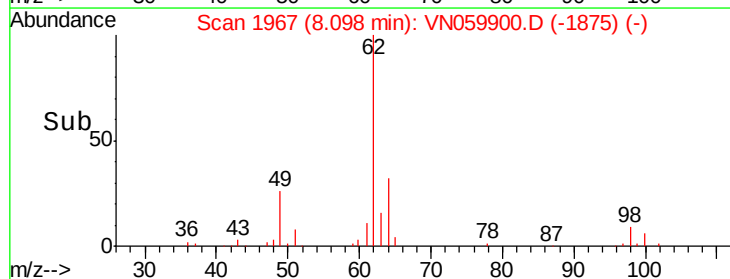
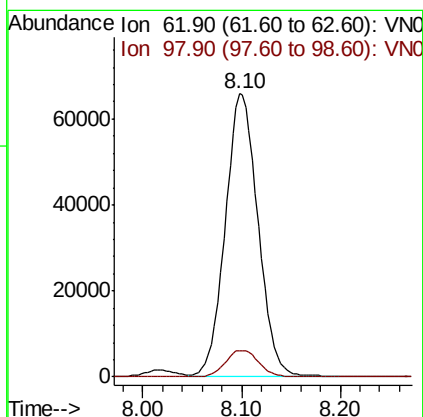
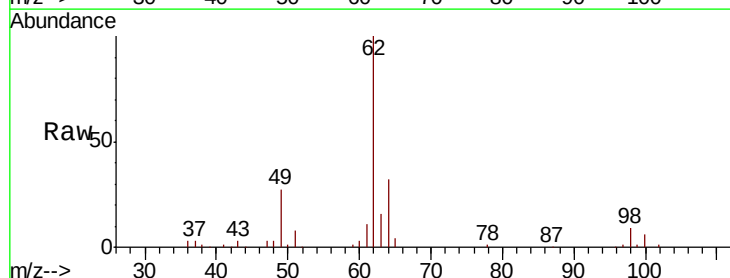
Instrument :
MSVOA_N
ClientSampled :

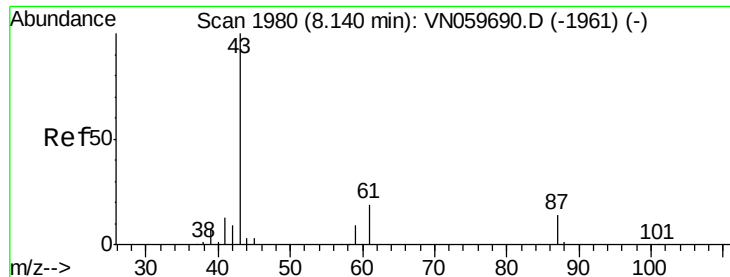
Tot Ion:	41	Resp:	173070
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 57.171 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN059900.D
Acq: 29 Jan 2020 9:51

Tgt Ion:	62	Resp:	152786
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	15.8





#43

Isopropyl Acetate

Concen: 51.104 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN059900.D

Acq: 29 Jan 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

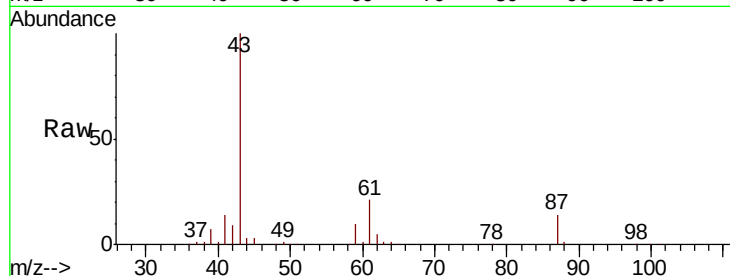
Tot Ion: 43 Resp: 217891

Ion Ratio Lower Upper

43 100

61 28.2 20.2 30.2

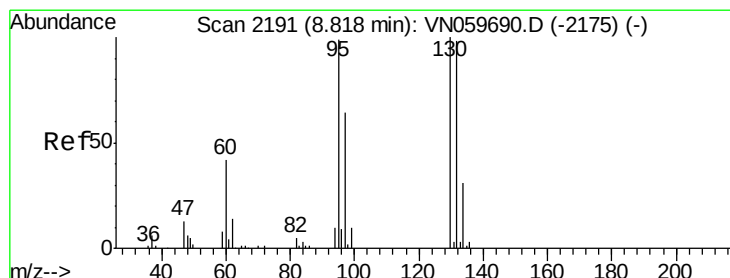
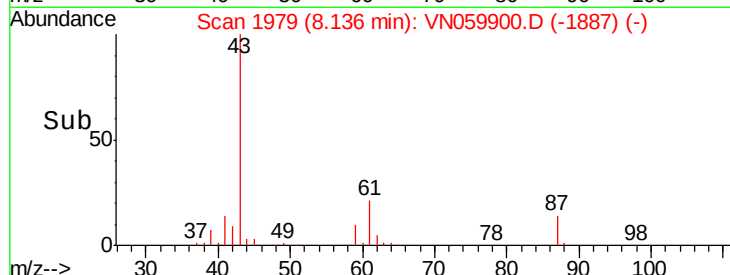
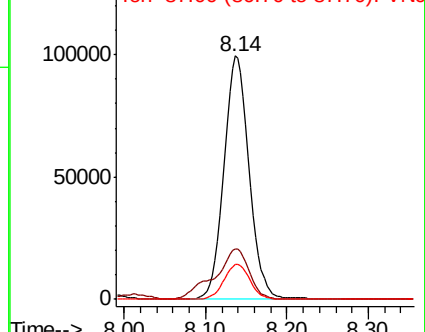
87 14.8 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059690.D (-1961) (-)

Ion 61.00 (60.70 to 61.70): VN059690.D (-1961) (-)

Ion 87.00 (86.70 to 87.70): VN059690.D (-1961) (-)



#44

Trichloroethene

Concen: 59.988 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059900.D

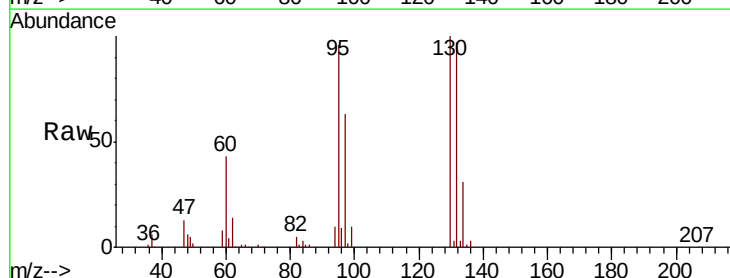
Acq: 29 Jan 2020 9:51

Tgt Ion:130 Resp: 129079

Ion Ratio Lower Upper

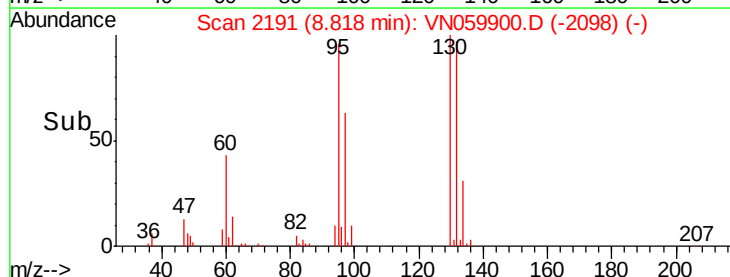
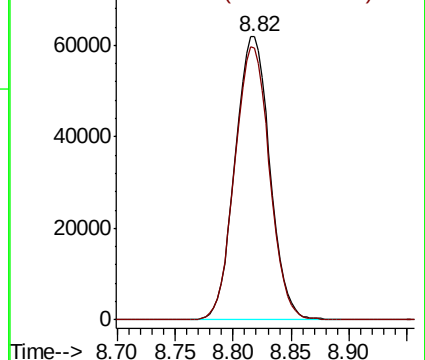
130 100

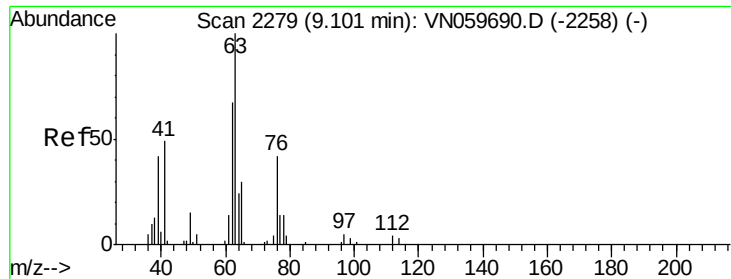
95 95.9 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059690.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN059690.D (-2175) (-)

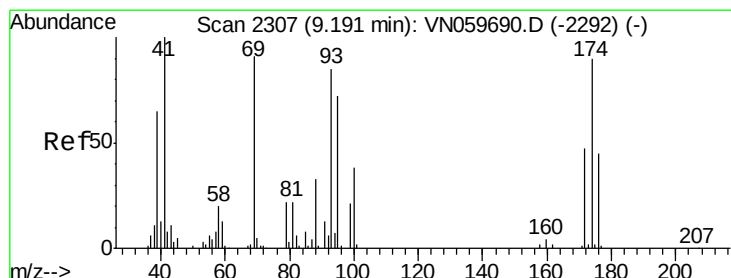
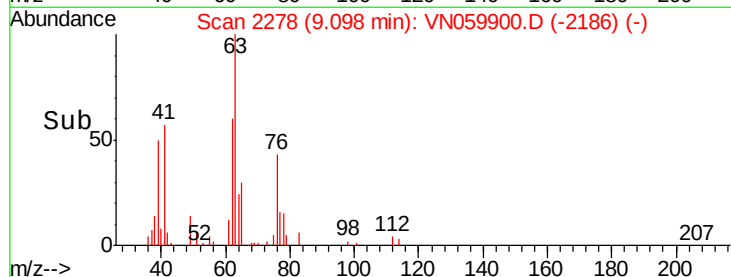
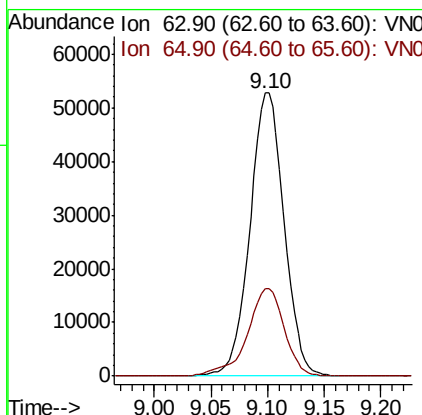
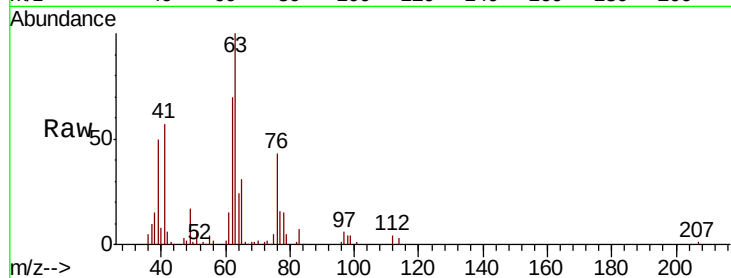




#45
 1,2-Dichloropropane
 Concen: 56.911 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: VN059900.D
 Acq: 29 Jan 2020 9:51

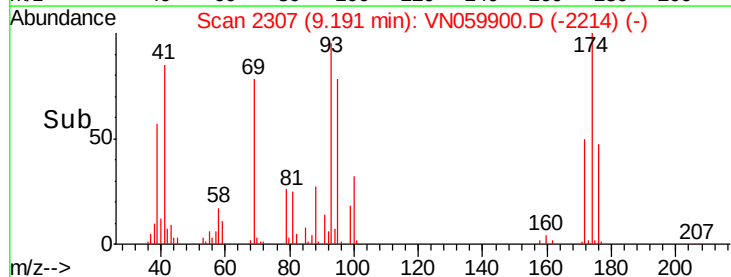
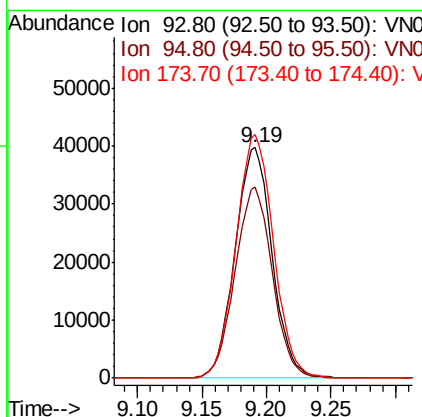
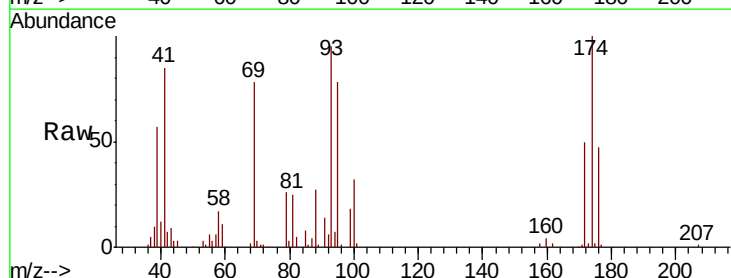
Instrument :
 MSVOA_N
 ClientSampleId :

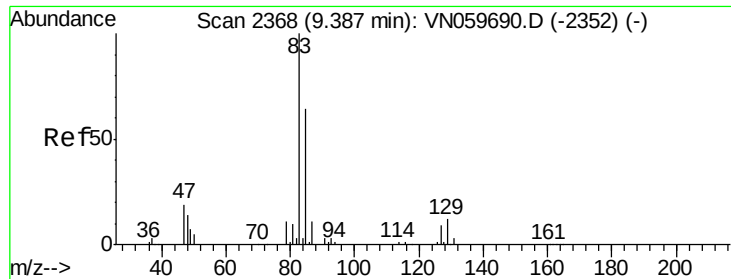
Tot Ion: 63 Resp: 111000
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.9 37.3



#46
 Dibromomethane
 Concen: 57.708 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN059900.D
 Acq: 29 Jan 2020 9:51

Tgt Ion: 93 Resp: 79397
 Ion Ratio Lower Upper
 93 100
 95 83.6 67.0 100.6
 174 107.4 73.4 110.2

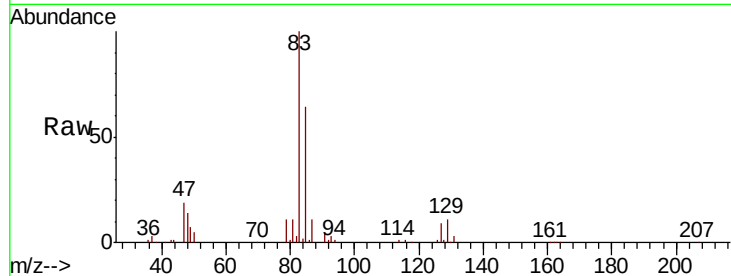




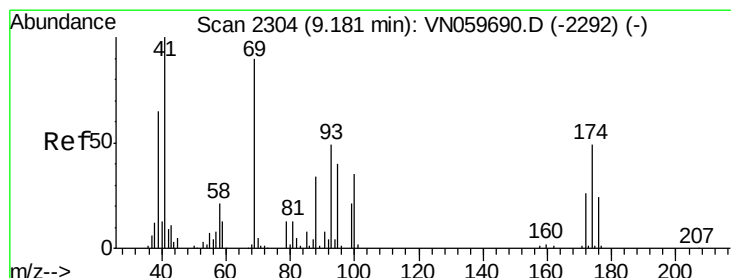
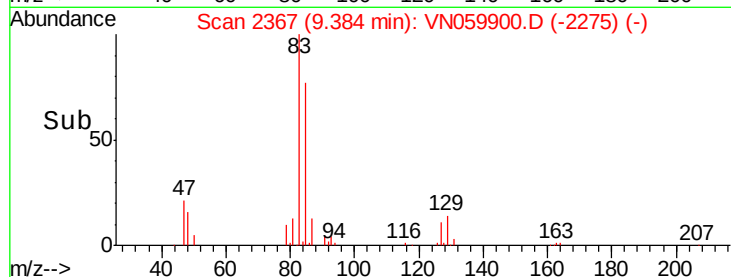
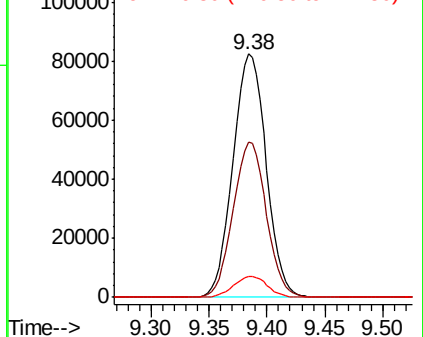
#47
Bromodichloromethane
Concen: 59.065 ug/l
RT: 9.38 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN059900.D
Acq: 29 Jan 2020 9:51

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 163760
Ion Ratio Lower Upper
83 100
85 63.9 51.1 76.7
127 8.8 6.6 9.8

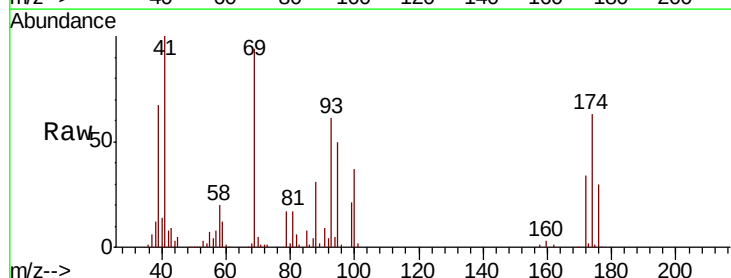


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

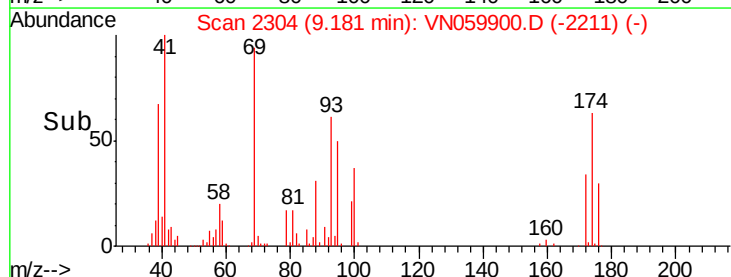
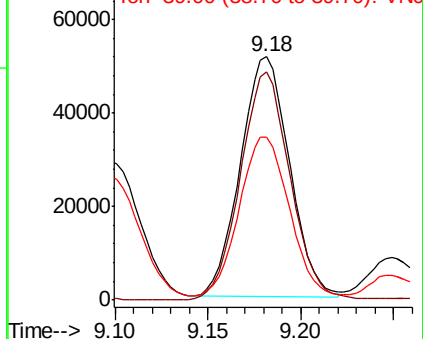


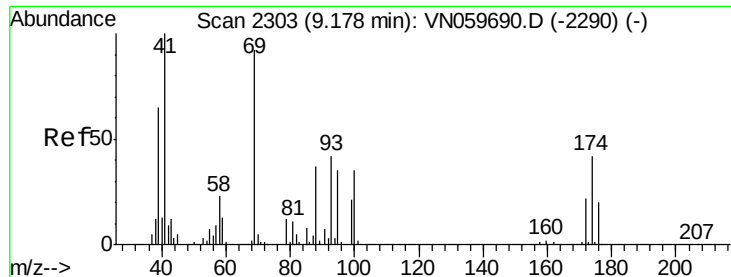
#48
Methyl methacrylate
Concen: 49.746 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059900.D
Acq: 29 Jan 2020 9:51

Tgt Ion: 41 Resp: 94872
Ion Ratio Lower Upper
41 100
69 96.0 64.4 96.6
39 70.8 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

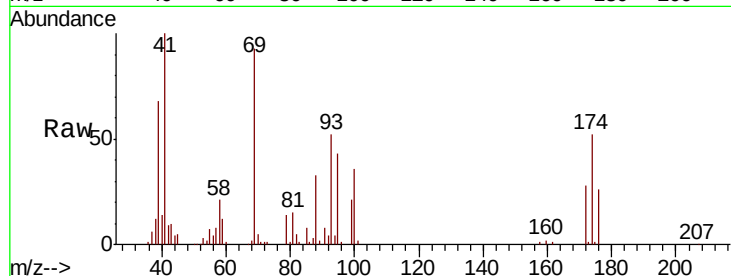




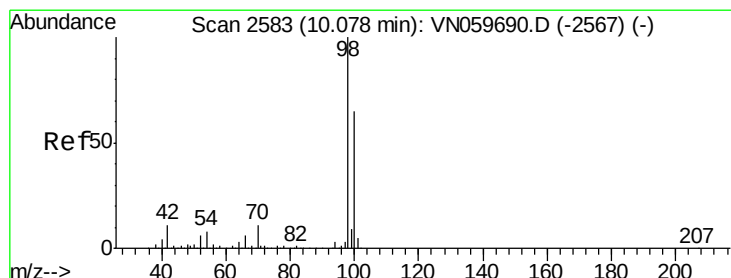
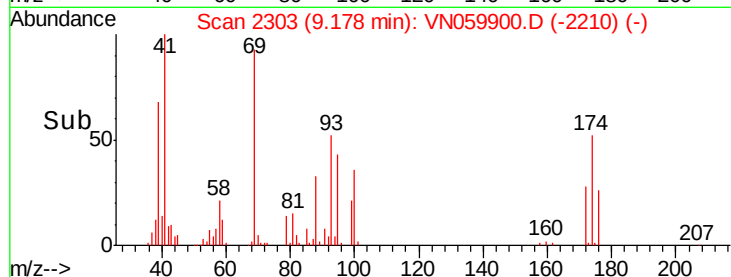
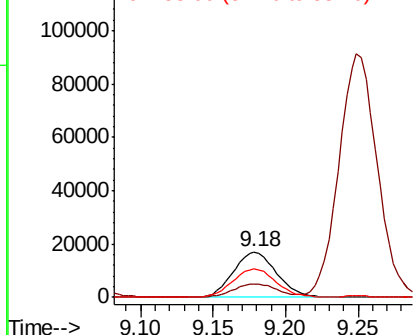
#49
1,4-Dioxane
Concen: 1011.556 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN059900.D
Acq: 29 Jan 2020 9:51

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 35316
Ion Ratio Lower Upper
88 100
43 30.4 29.7 44.5
58 62.5 56.6 85.0

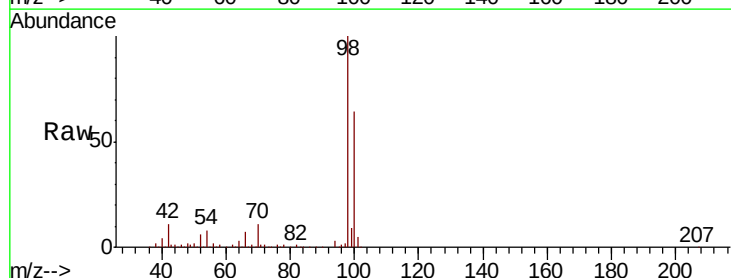


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

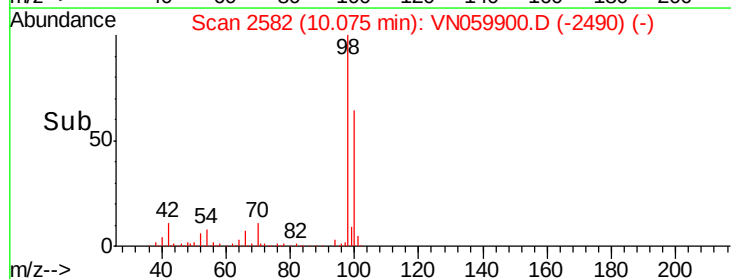
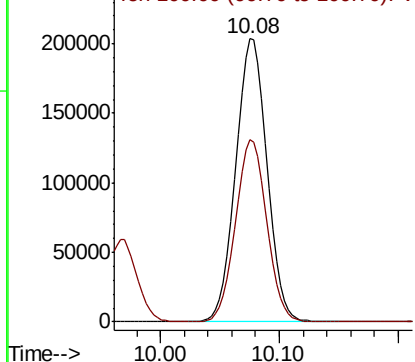


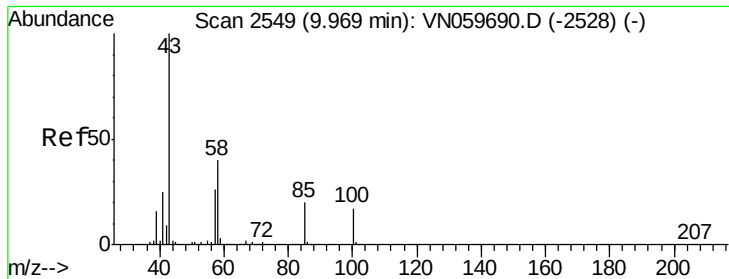
#50
Toluene-d8
Concen: 52.943 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN059900.D
Acq: 29 Jan 2020 9:51

Tgt Ion: 98 Resp: 371247
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8



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

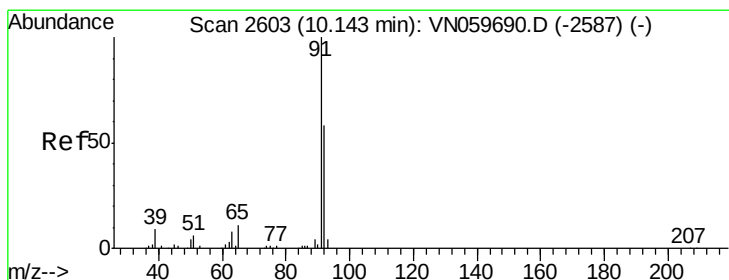
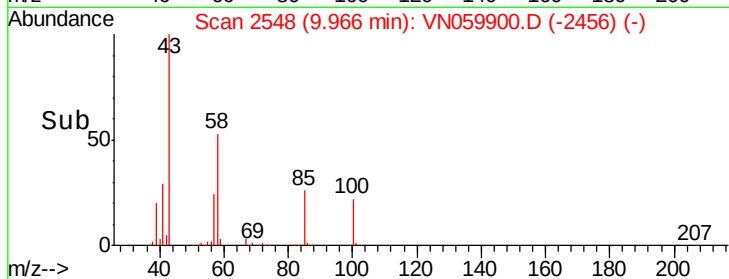
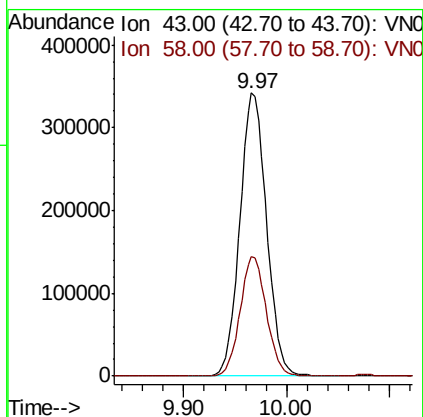
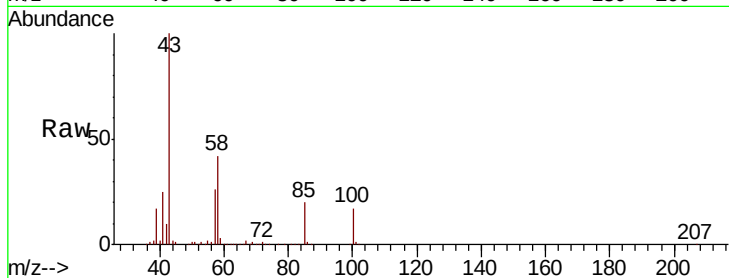




#51
 4-Methyl-2-Pentanone
 Concen: 250.165 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: VN059900.D
 Acq: 29 Jan 2020 9:51

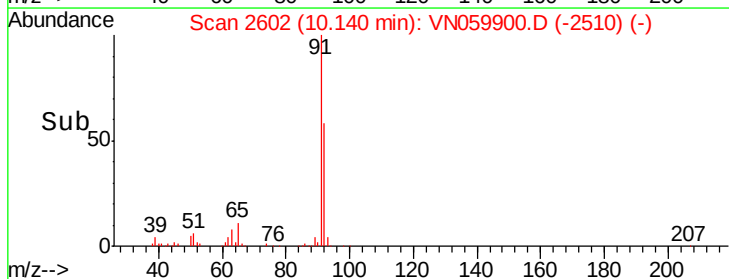
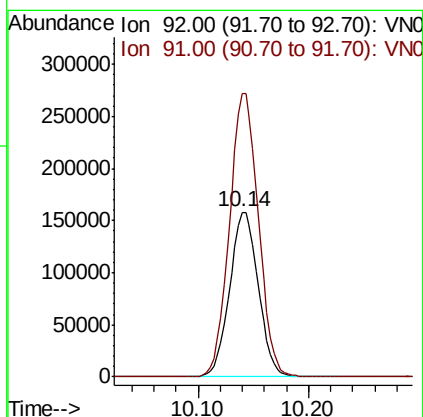
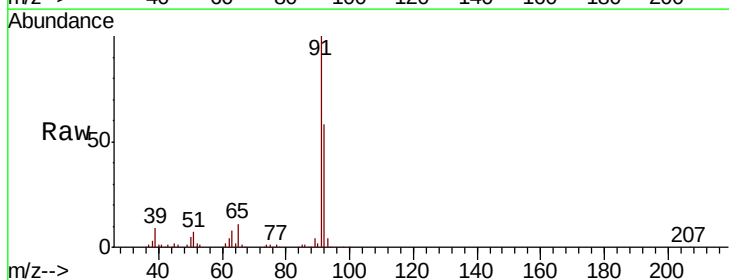
Instrument :
 MSVOA_N
 ClientSampled :

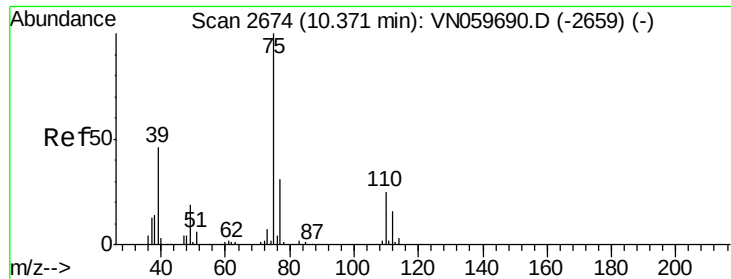
Tot Ion: 43 Resp: 616580
 Ion Ratio Lower Upper
 43 100
 58 41.3 29.8 44.8



#52
 Toluene
 Concen: 57.219 ug/l
 RT: 10.14 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: VN059900.D
 Acq: 29 Jan 2020 9:51

Tgt Ion: 92 Resp: 284878
 Ion Ratio Lower Upper
 92 100
 91 173.6 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 59.361 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN059900.D

Acq: 29 Jan 2020 9:51

Instrument :

MSVOA_N

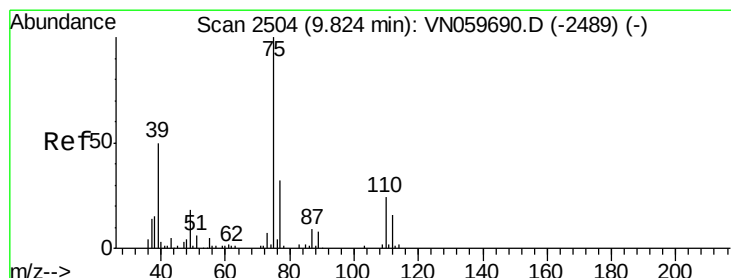
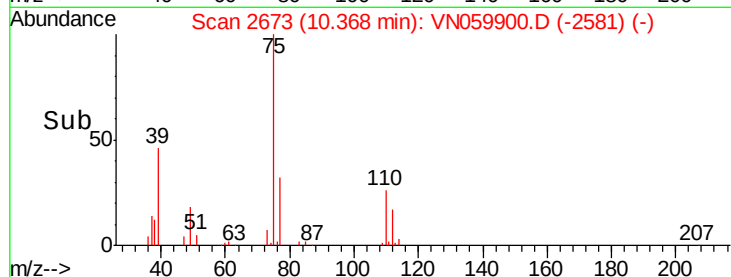
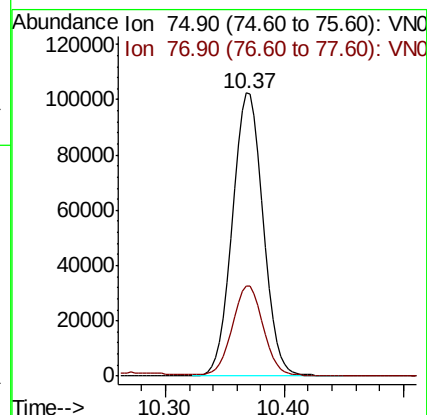
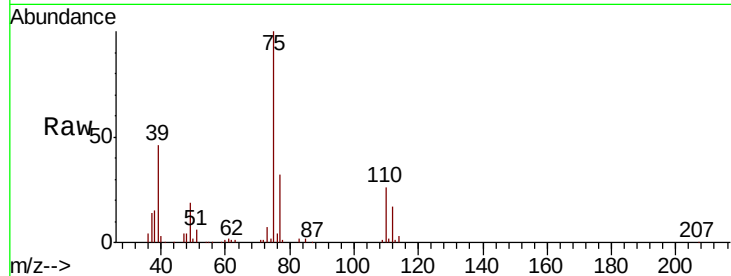
ClientSampled :

Tot Ion: 75 Resp: 183770

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 59.341 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059900.D

Acq: 29 Jan 2020 9:51

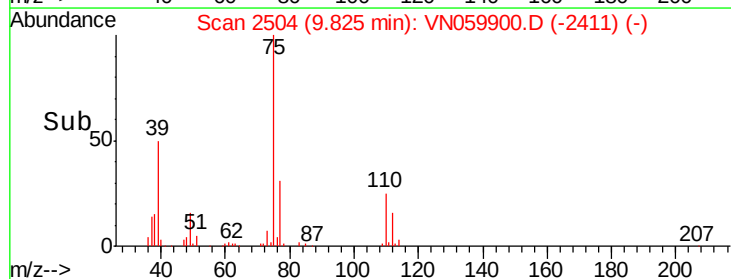
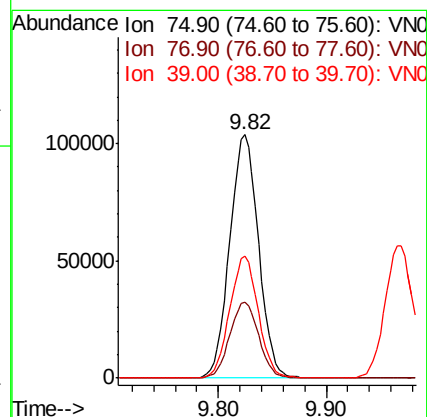
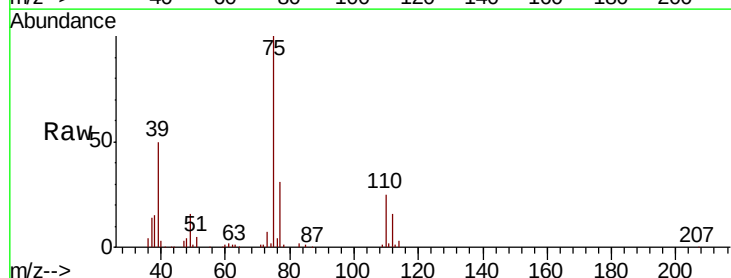
Tgt Ion: 75 Resp: 193293

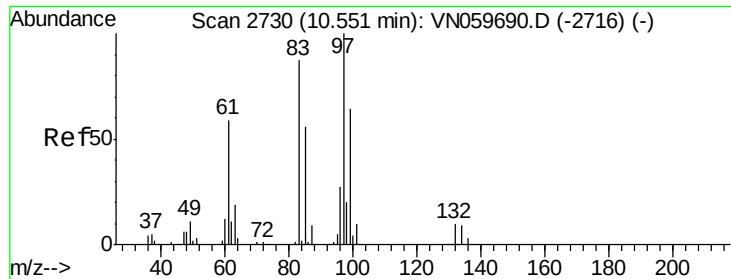
Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7

39 50.3 46.1 69.1

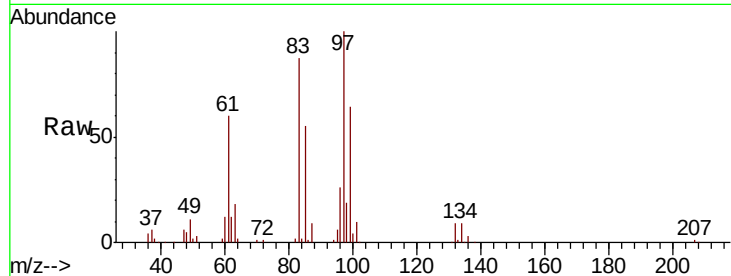




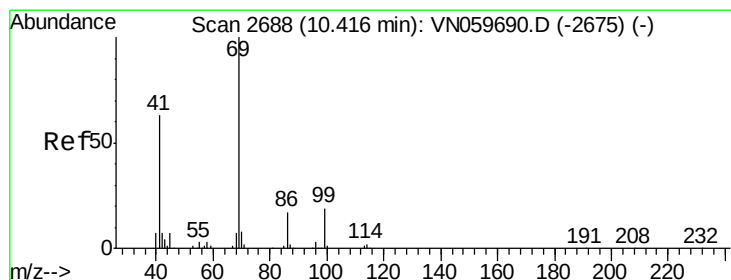
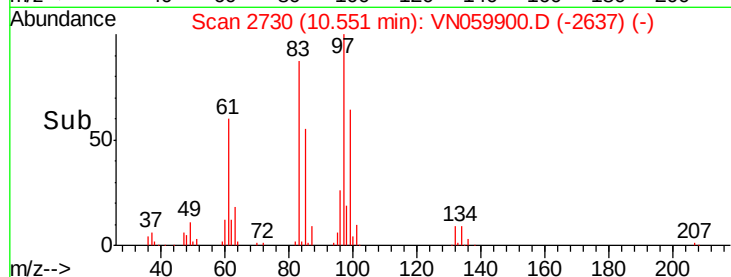
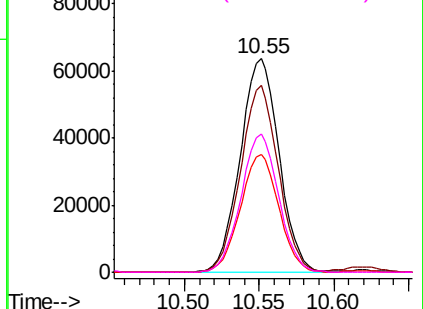
#55
 1,1,2-Trichloroethane
 Concen: 58.390 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059900.D
 Acq: 29 Jan 2020 9:51

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:	97	Resp:	115137
Ion	Ratio	Lower	Upper
97	100		
83	87.4	71.3	106.9
85	55.3	45.8	68.8
99	64.5	50.0	75.0

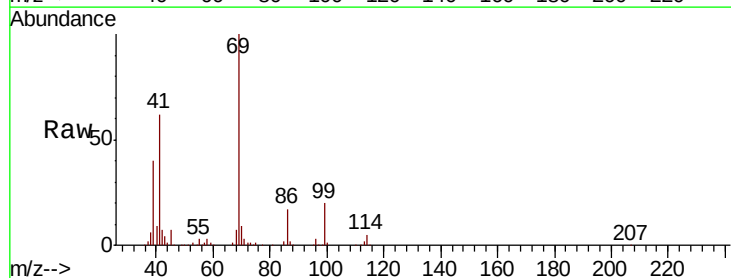


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

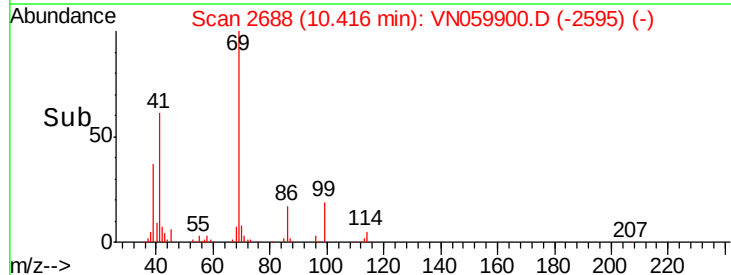
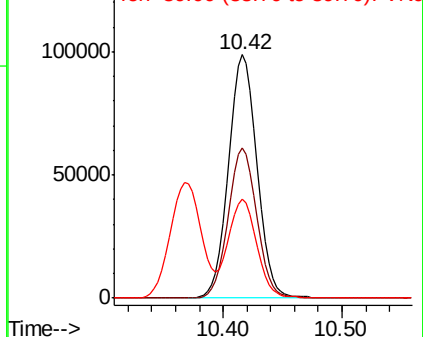


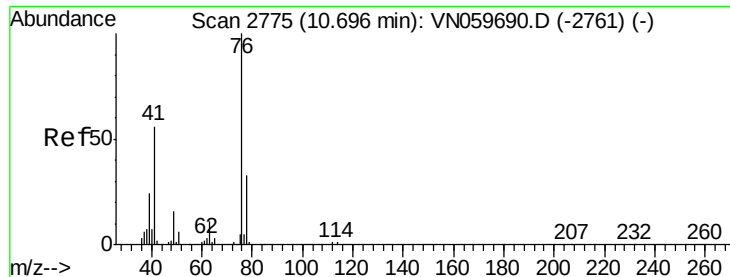
#56
 Ethyl methacrylate
 Concen: 54.435 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN059900.D
 Acq: 29 Jan 2020 9:51

Tgt Ion:	69	Resp:	164013
Ion	Ratio	Lower	Upper
69	100		
41	61.2	57.1	85.7
39	40.6	34.7	52.1



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





#57

1,3-Dichloropropane

Concen: 58.705 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059900.D

Acq: 29 Jan 2020 9:51

Instrument :

MSVOA_N

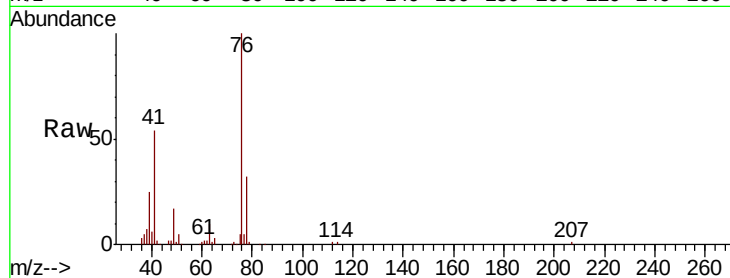
ClientSampled :

Tot Ion: 76 Resp: 183778

Ion Ratio Lower Upper

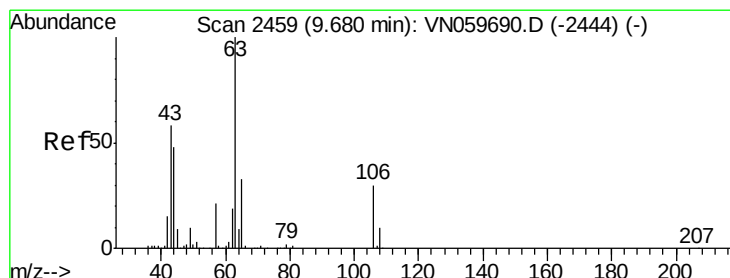
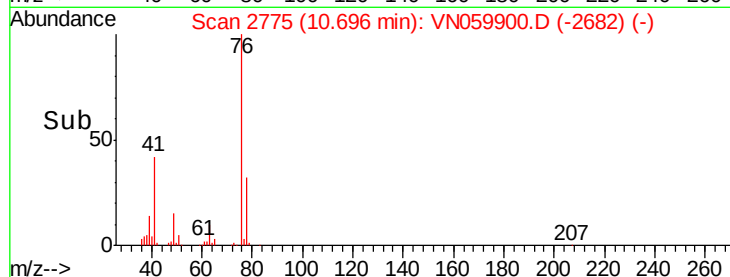
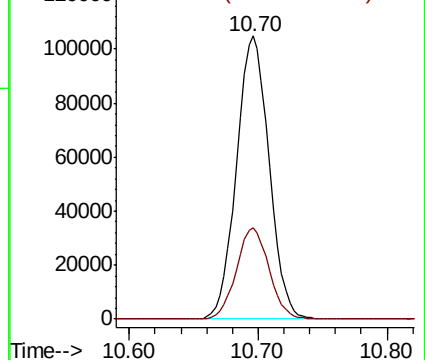
76 100

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



#58

2-Chloroethyl Vinyl ether

Concen: 298.268 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN059900.D

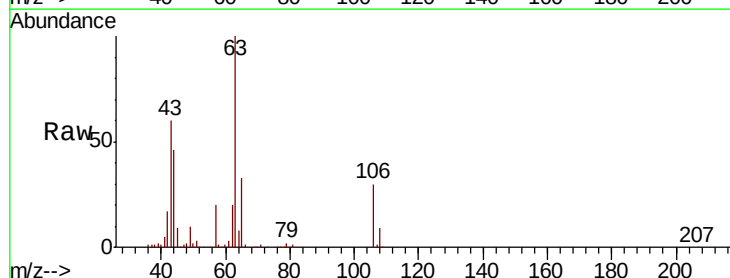
Acq: 29 Jan 2020 9:51

Tgt Ion: 63 Resp: 270685

Ion Ratio Lower Upper

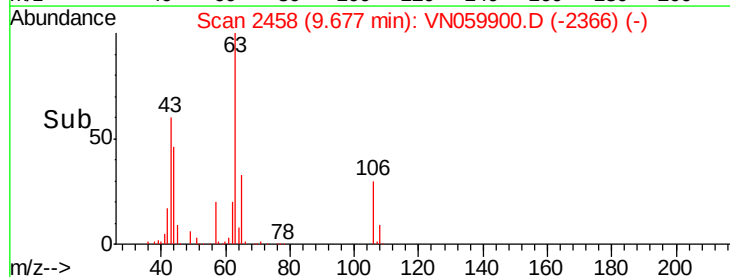
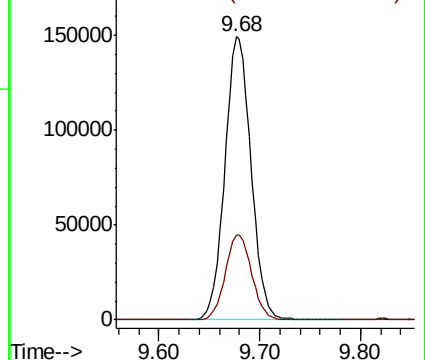
63 100

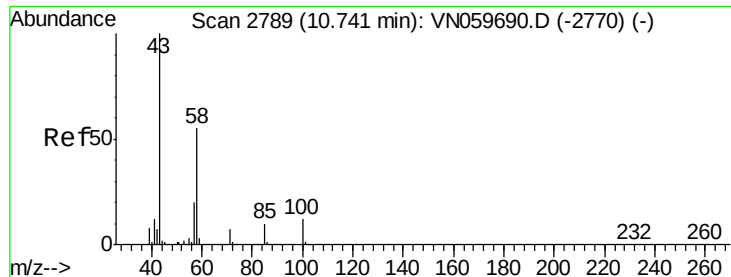
106 30.3 20.2 30.2#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

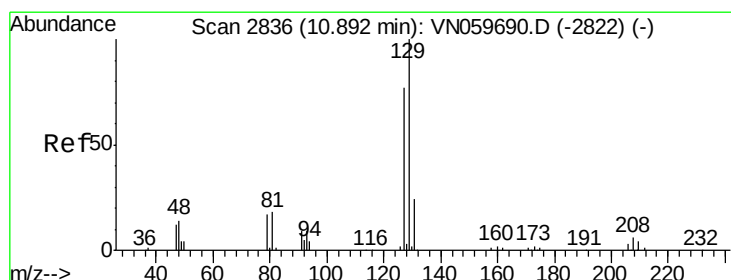
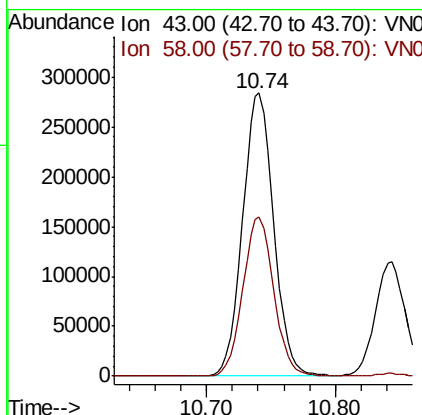
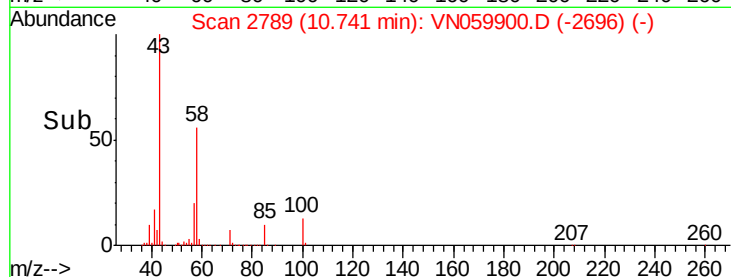
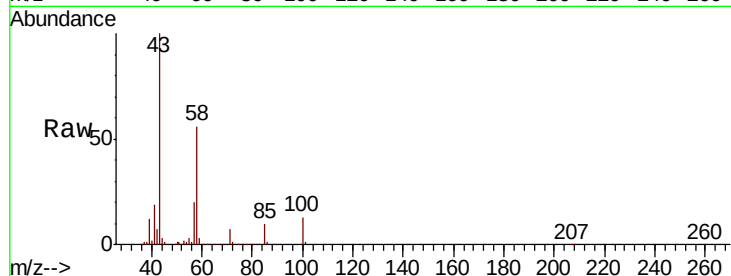




#59
2-Hexanone
Concen: 262.128 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059900.D
Acq: 29 Jan 2020 9:51

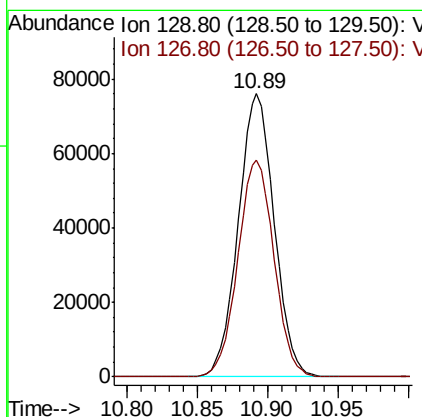
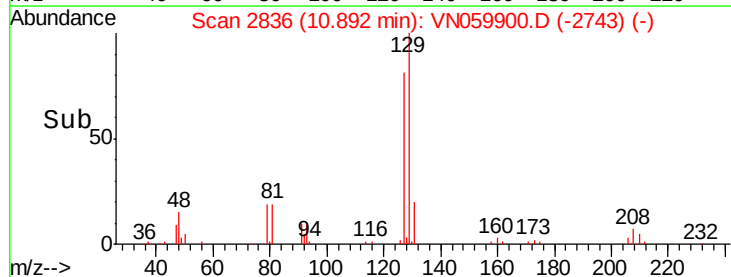
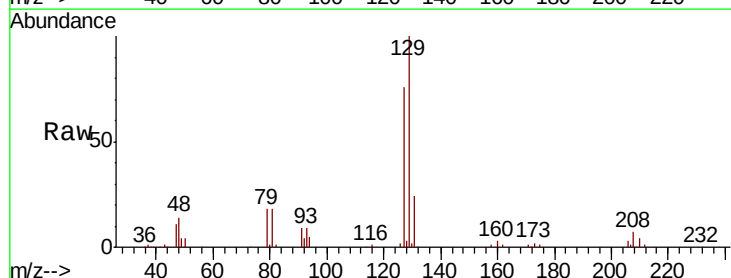
Instrument :
MSVOA_N
ClientSampleId :

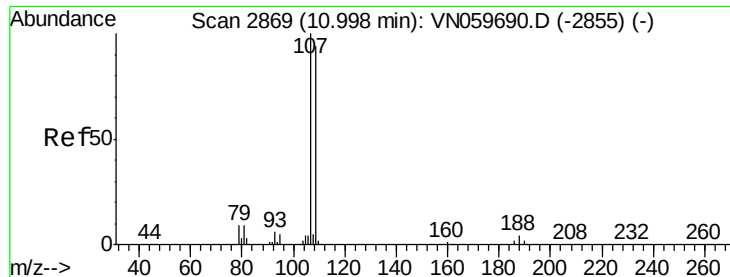
Tot Ion: 43 Resp: 475958
Ion Ratio Lower Upper
43 100
58 55.9 25.8 77.3



#60
Dibromochloromethane
Concen: 60.393 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059900.D
Acq: 29 Jan 2020 9:51

Tgt Ion: 129 Resp: 135611
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5

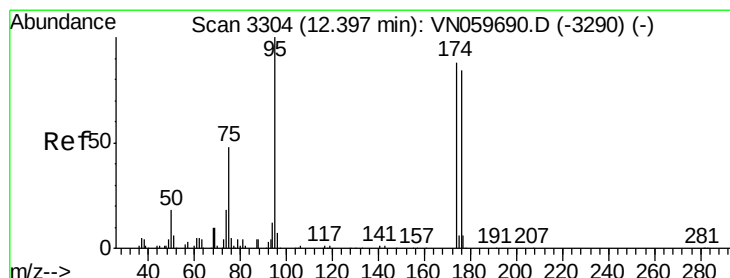
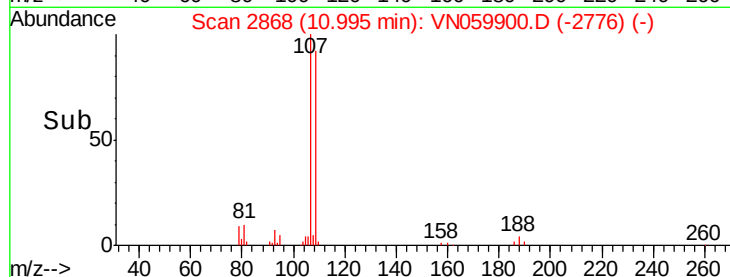
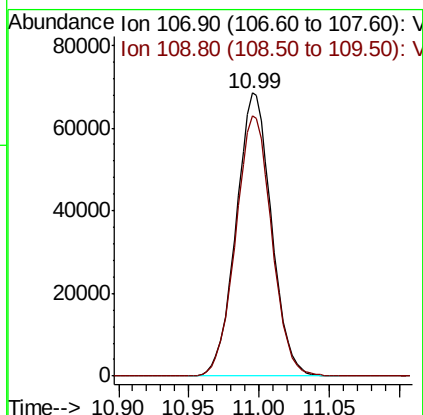
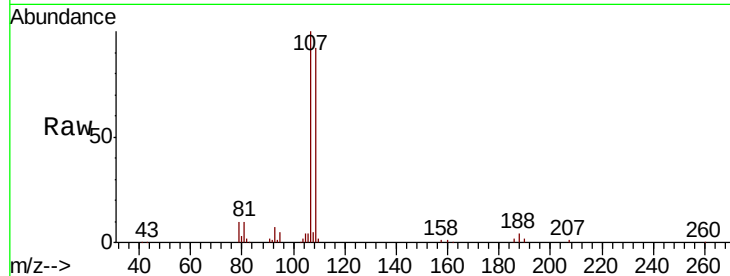




#61
 1,2-Dibromoethane
 Concen: 58.150 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059900.D
 Acq: 29 Jan 2020 9:51

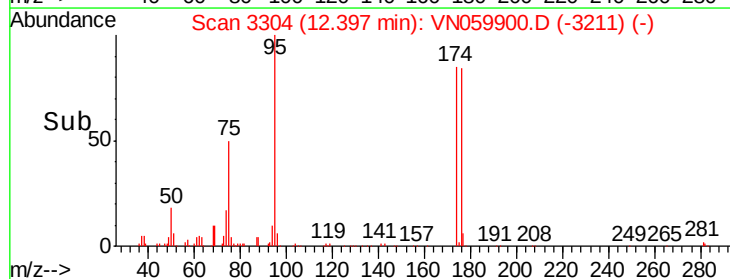
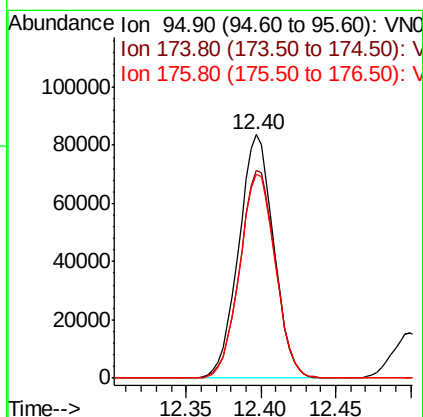
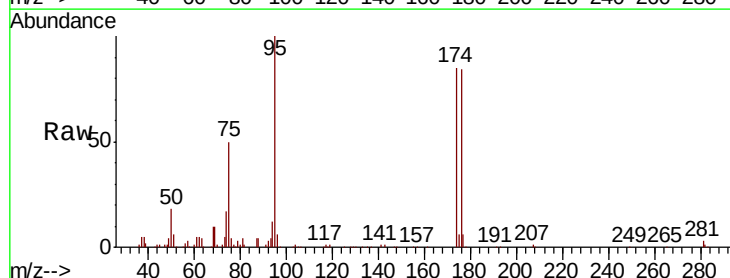
Instrument :
 MSVOA_N
 ClientSampleId :

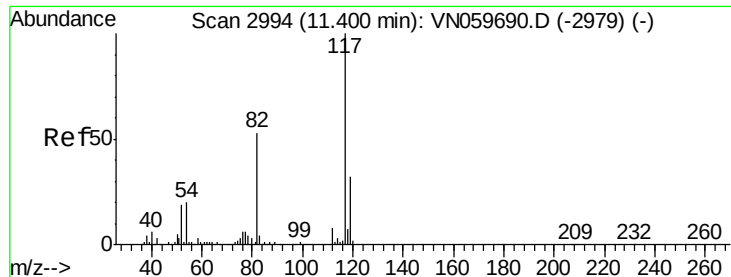
Tot Ion:107 Resp: 120180
 Ion Ratio Lower Upper
 107 100
 109 93.7 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 53.916 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059900.D
 Acq: 29 Jan 2020 9:51

Tgt Ion: 95 Resp: 136295
 Ion Ratio Lower Upper
 95 100
 174 86.3 0.0 151.4
 176 85.3 0.0 146.0

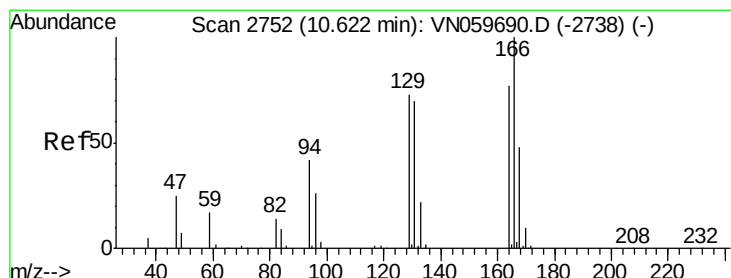
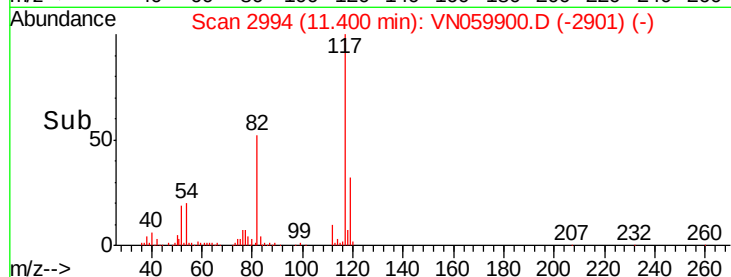
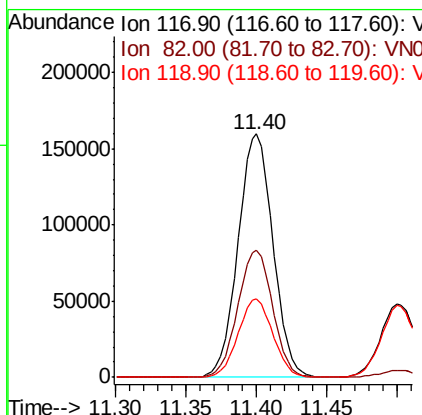
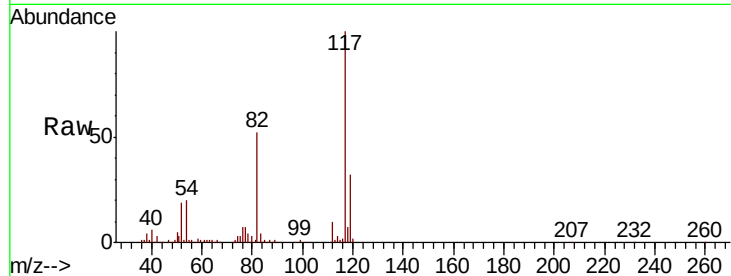




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059900.D
Acq: 29 Jan 2020 9:51

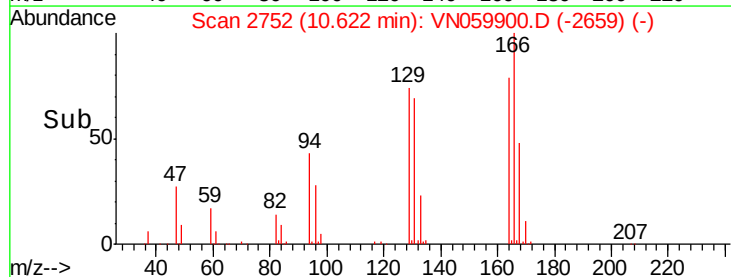
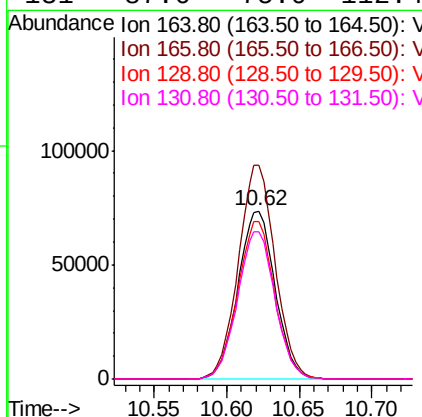
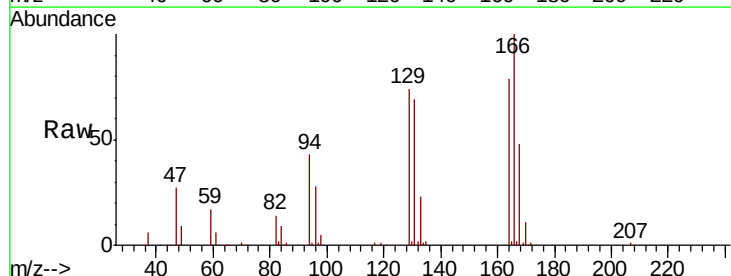
Instrument :
MSVOA_N
ClientSampleId :

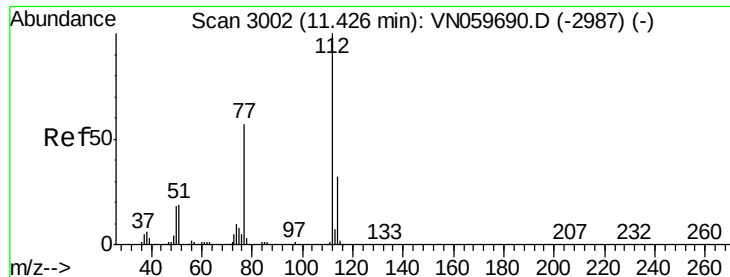
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	45.9	68.9
119	32.4	25.5	38.3



#64
Tetrachloroethene
Concen: 57.975 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059900.D
Acq: 29 Jan 2020 9:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	101.4	152.0
129	93.6	80.2	120.4
131	87.6	75.0	112.4

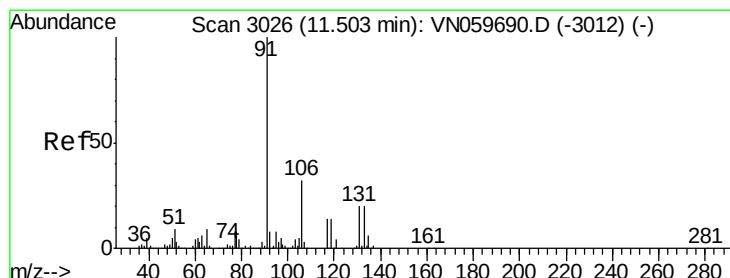
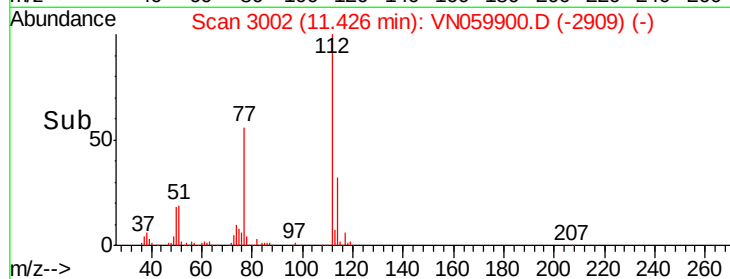
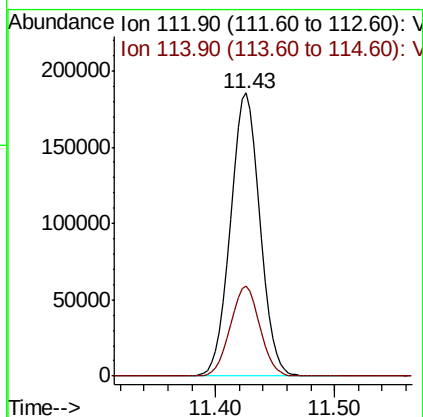
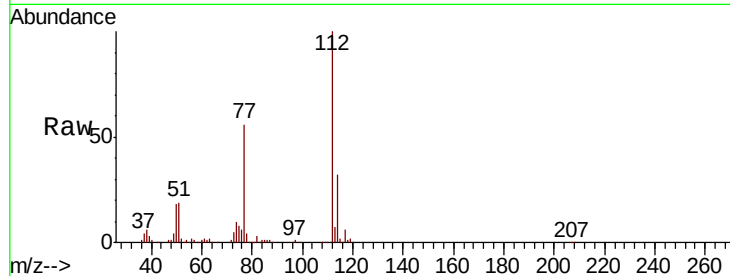




#65
Chlorobenzene
Concen: 58.405 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059900.D
Acq: 29 Jan 2020 9:51

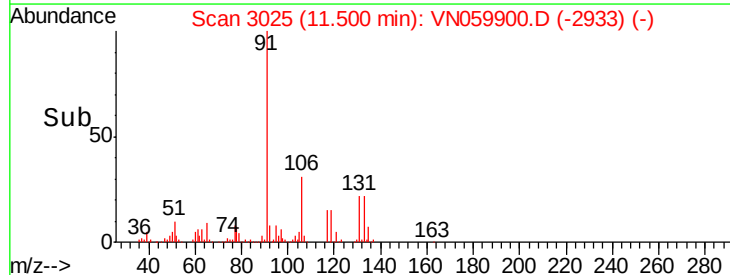
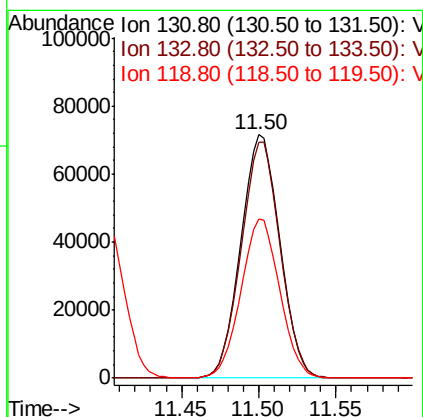
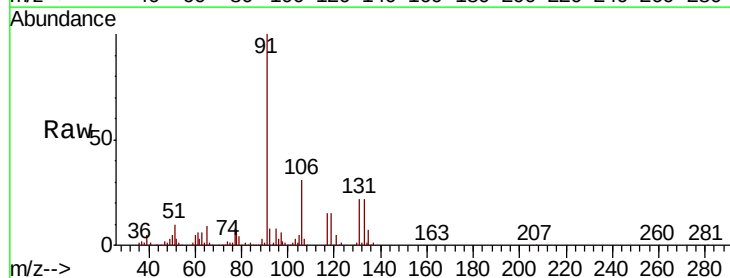
Instrument :
MSVOA_N
ClientSampled :

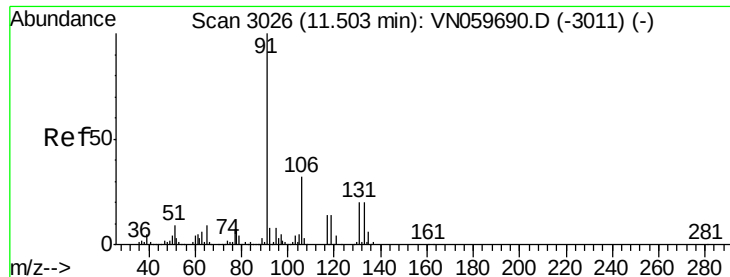
Tot Ion:112 Resp: 318011
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 59.670 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN059900.D
Acq: 29 Jan 2020 9:51

Tgt Ion:131 Resp: 125540
Ion Ratio Lower Upper
131 100
133 97.2 47.4 142.2
119 65.0 33.1 99.3





#67

Ethyl Benzene

Concen: 57.200 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059900.D

Acq: 29 Jan 2020 9:51

Instrument :

MSVOA_N

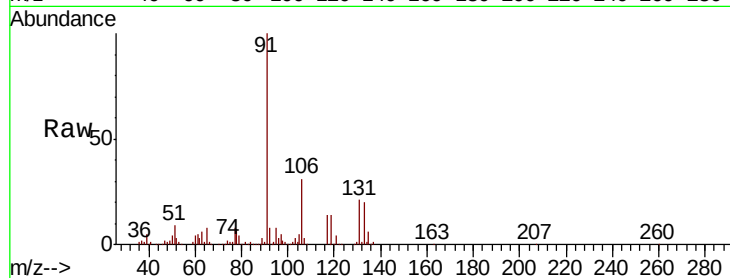
ClientSampleId :

Tot Ion: 91 Resp: 565381

Ion Ratio Lower Upper

91 100

106 31.2 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN059690.D (-3011) (-)

Ion 106.00 (105.70 to 106.70): VN059690.D (-3011) (-)

500000

400000

300000

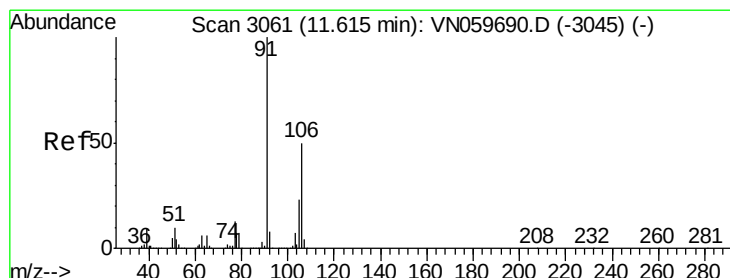
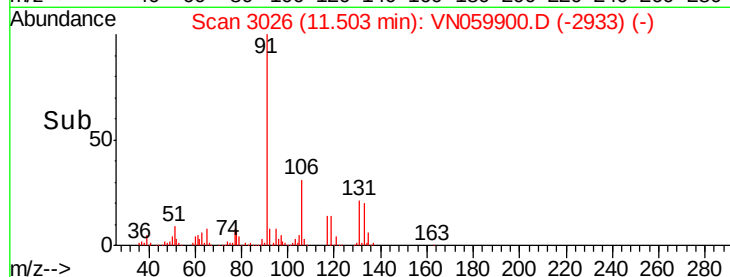
200000

100000

0

11.45 11.50 11.55

Time-->



#68

m/p-Xylenes

Concen: 114.777 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN059900.D

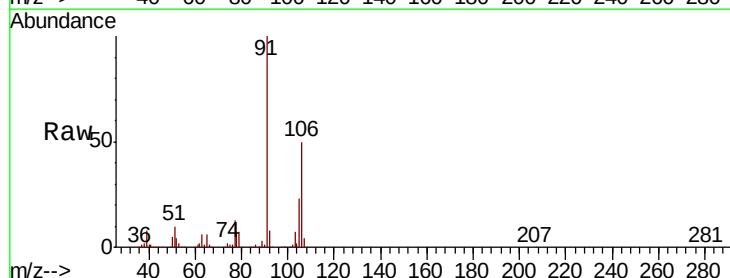
Acq: 29 Jan 2020 9:51

Tgt Ion: 106 Resp: 428546

Ion Ratio Lower Upper

106 100

91 200.9 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): VN059690.D (-3045) (-)

Ion 91.00 (90.70 to 91.70): VN059690.D (-3045) (-)

500000

400000

300000

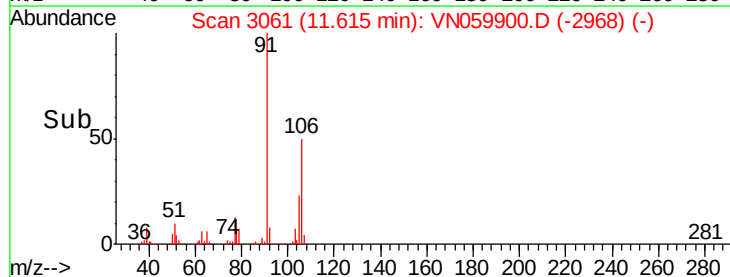
200000

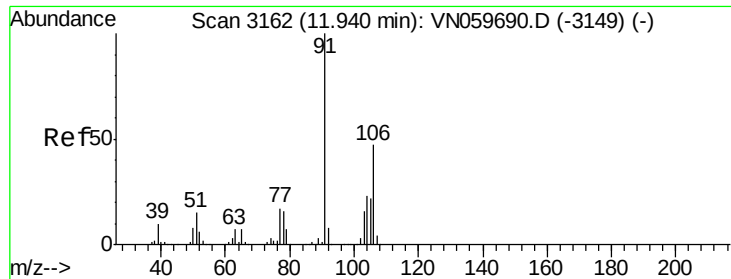
100000

0

11.50 11.60 11.70

Time-->

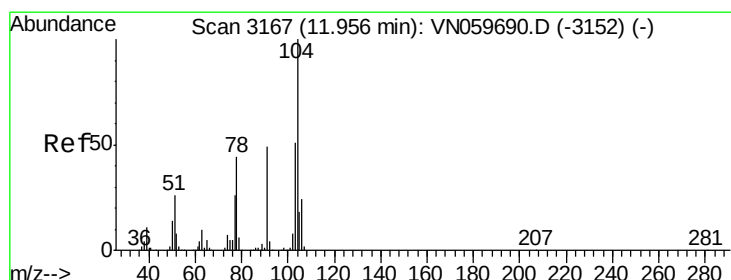
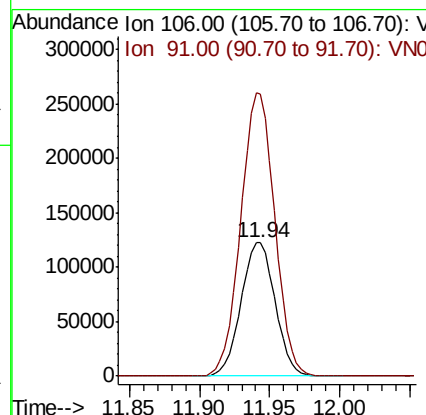
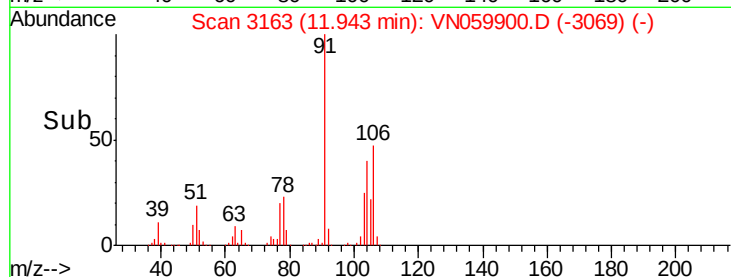
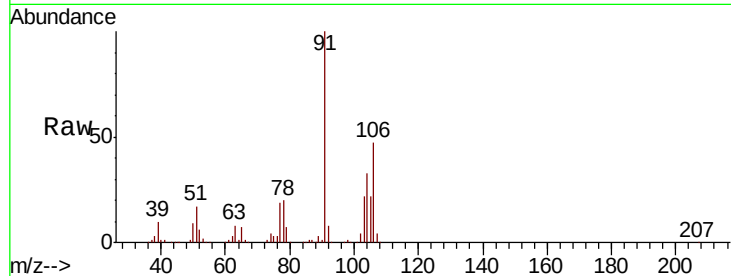




#69
o-Xylene
Concen: 56.843 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN059900.D
Acq: 29 Jan 2020 9:51

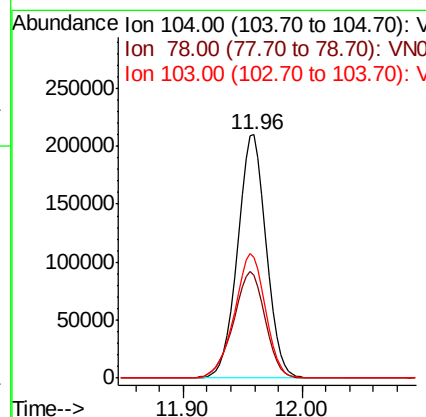
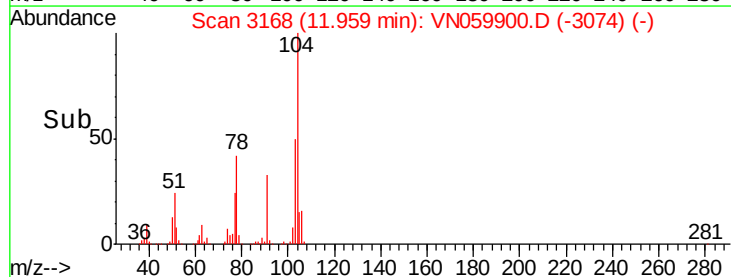
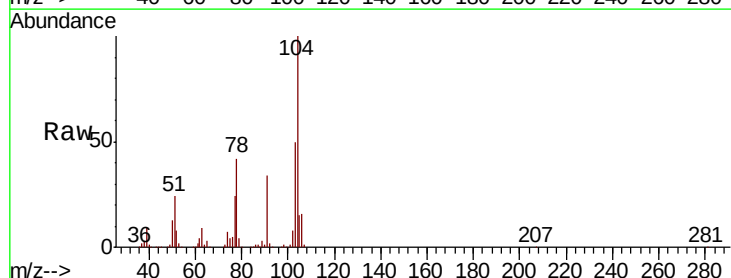
Instrument :
MSVOA_N
ClientSampled :

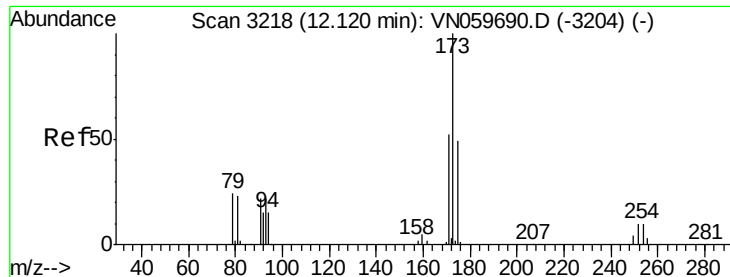
Tot Ion:106 Resp: 207781
Ion Ratio Lower Upper
106 100
91 211.4 110.3 330.9



#70
Styrene
Concen: 57.213 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN059900.D
Acq: 29 Jan 2020 9:51

Tgt Ion:104 Resp: 349950
Ion Ratio Lower Upper
104 100
78 48.8 42.4 63.6
103 55.5 43.9 65.9





#71

Bromoform

Concen: 60.238 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN059900.D

Acq: 29 Jan 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

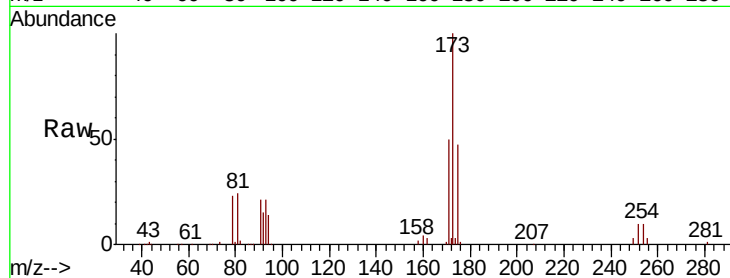
Tot Ion:173 Resp: 101517

Ion Ratio Lower Upper

173 100

175 48.5 23.8 71.4

254 0.0 0.0 0.0

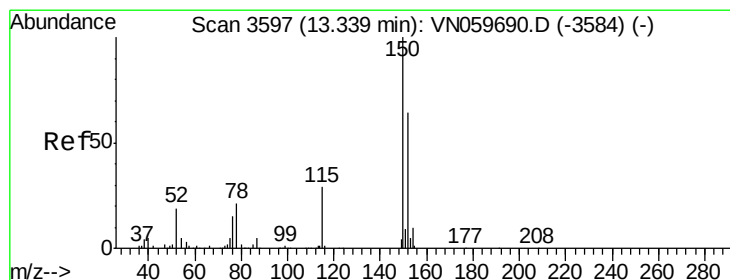
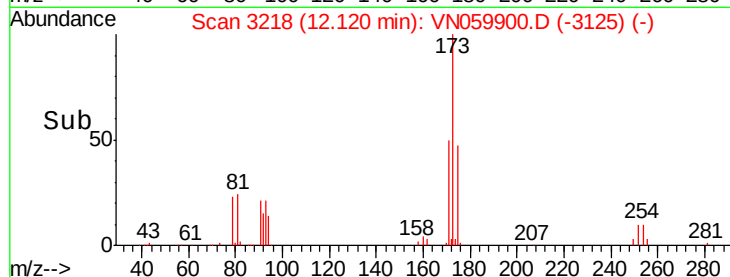
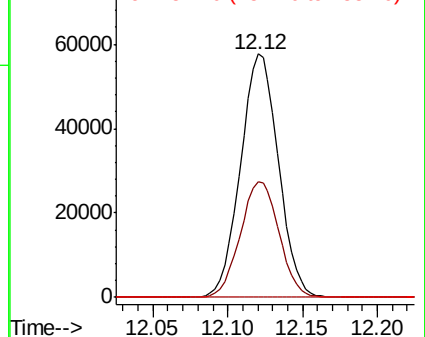


Abundance

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: VN059900.D

Acq: 29 Jan 2020 9:51

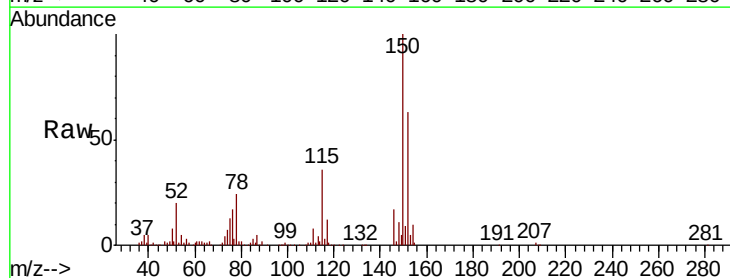
Tgt Ion:152 Resp: 138001

Ion Ratio Lower Upper

152 100

115 57.0 30.3 90.9

150 174.2 0.0 345.2

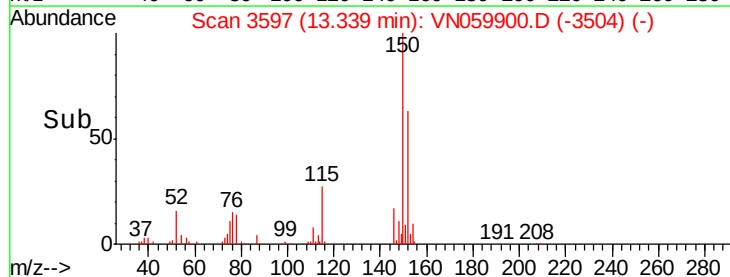
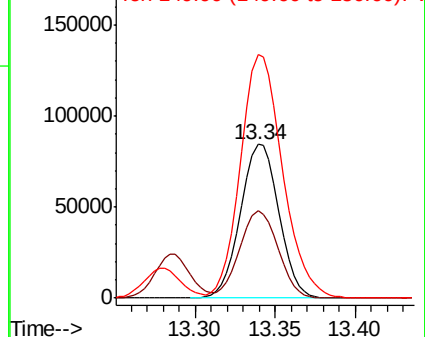


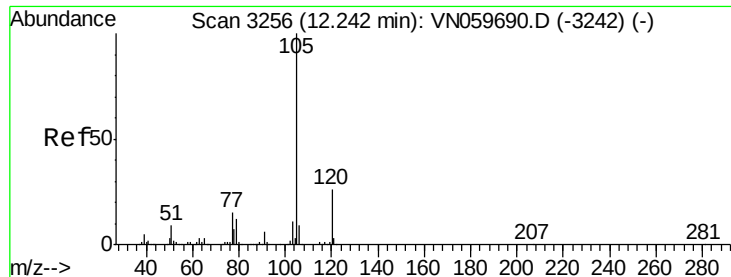
Abundance

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: 55.371 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059900.D

Acq: 29 Jan 2020 9:51

Instrument :

MSVOA_N

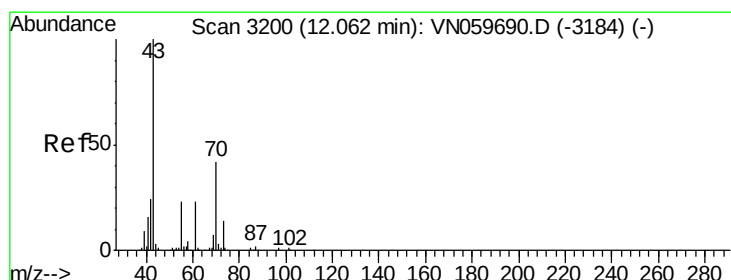
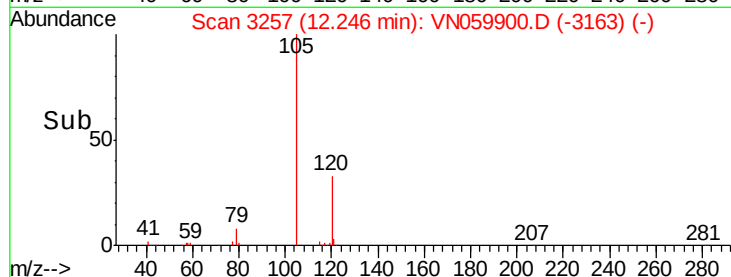
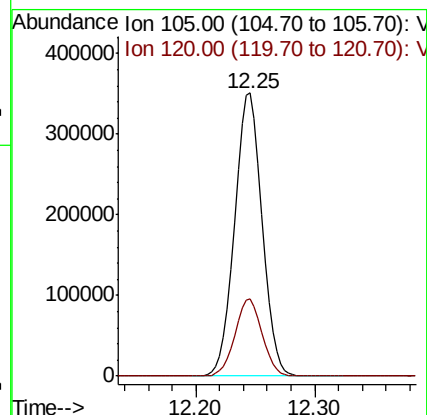
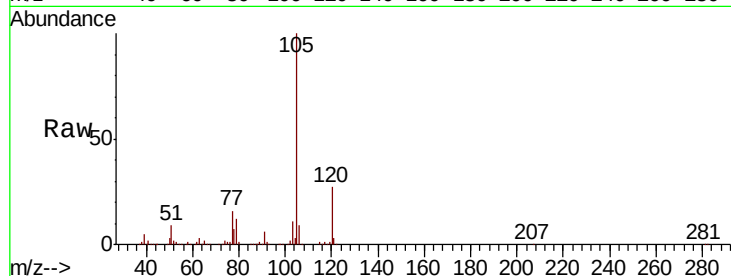
ClientSampled :

Tot Ion:105 Resp: 560404

Ion Ratio Lower Upper

105 100

120 27.0 13.2 39.5



#74

N-ethyl acetate

Concen: 49.021 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN059900.D

Acq: 29 Jan 2020 9:51

Tgt Ion: 43 Resp: 192518

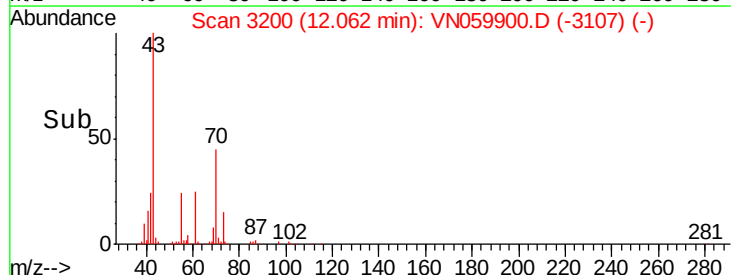
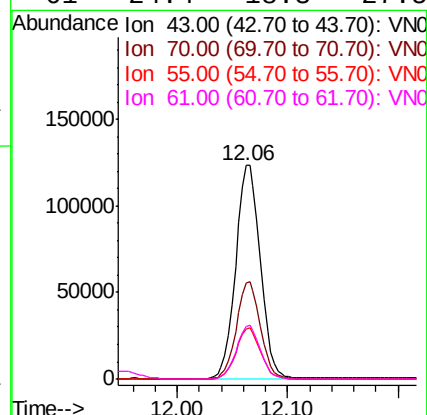
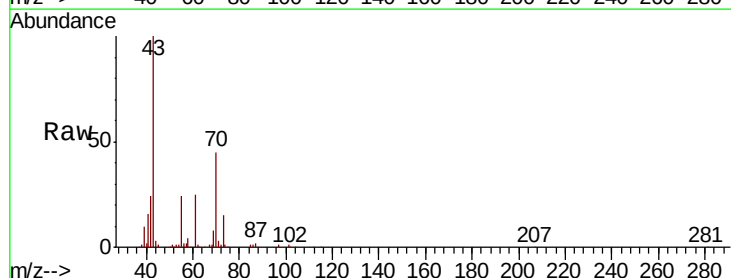
Ion Ratio Lower Upper

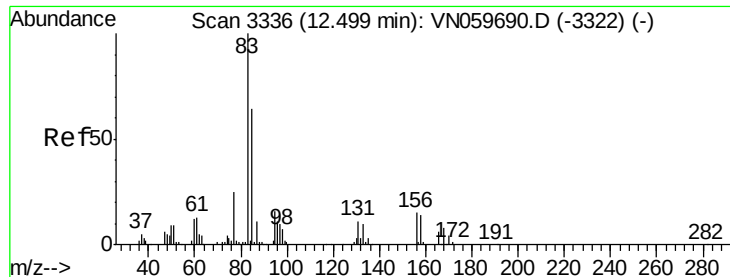
43 100

70 43.9 31.3 46.9

55 23.2 19.8 29.6

61 24.4 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 52.078 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059900.D

Acq: 29 Jan 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

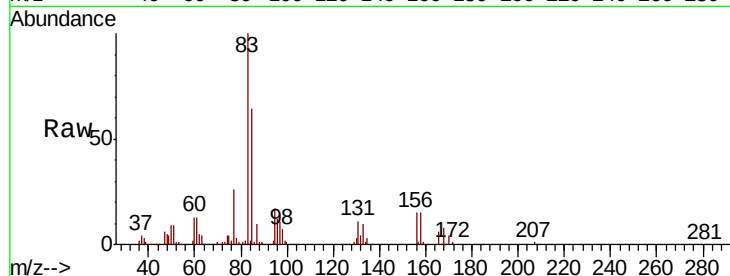
Tot Ion: 83 Resp: 152799

Ion Ratio Lower Upper

83 100

131 10.9 5.0 14.9

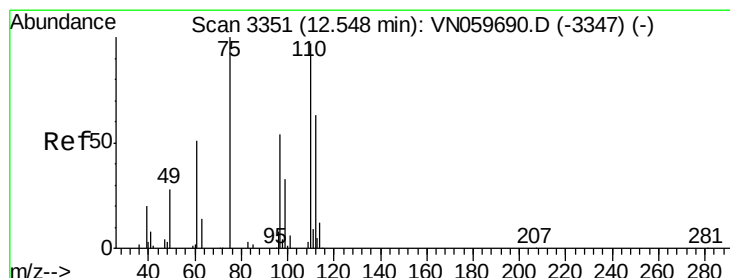
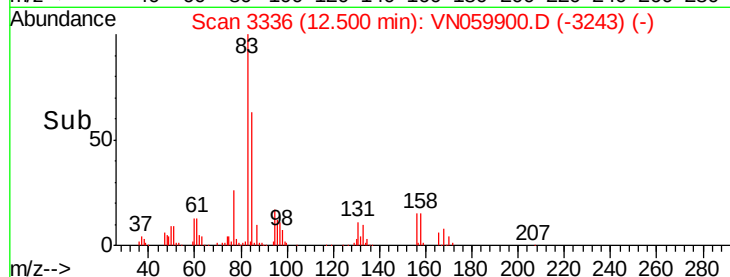
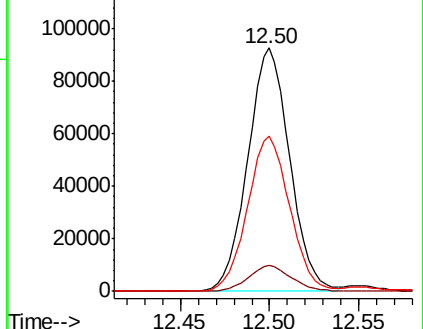
85 64.0 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN059900.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN059900.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN059900.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 89.997 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059900.D

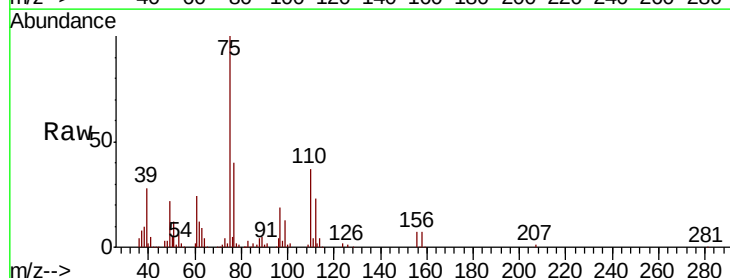
Acq: 29 Jan 2020 9:51

Tgt Ion: 75 Resp: 209011

Ion Ratio Lower Upper

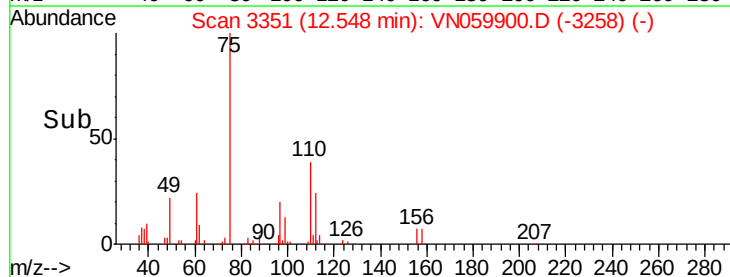
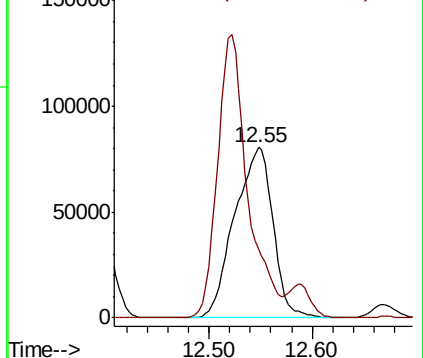
75 100

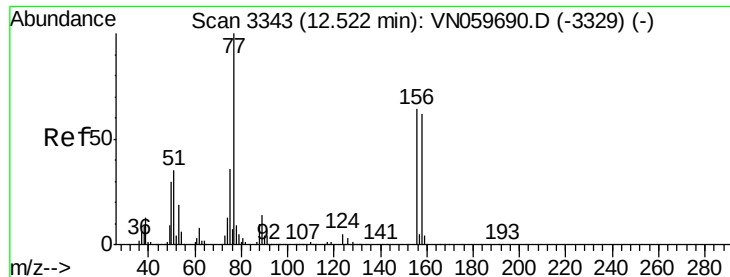
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059900.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN059900.D (-3258) (-)





#77

Bromobenzene

Concen: 57.197 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059900.D

Acq: 29 Jan 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

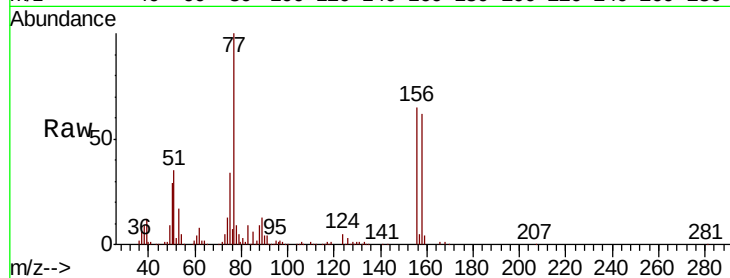
Tot Ion:156 Resp: 146596

Ion Ratio Lower Upper

156 100

77 185.1 115.8 347.4

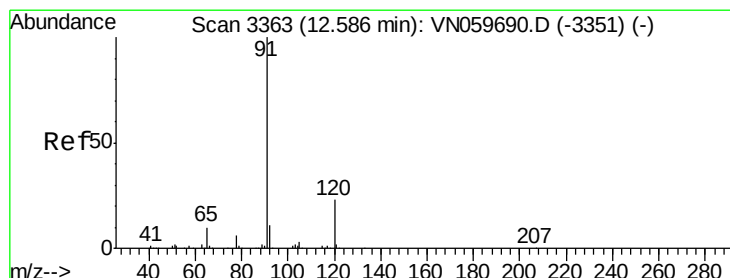
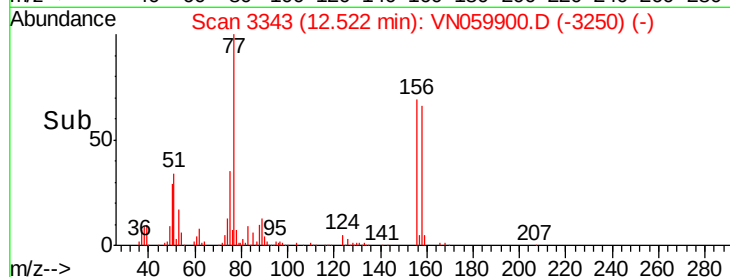
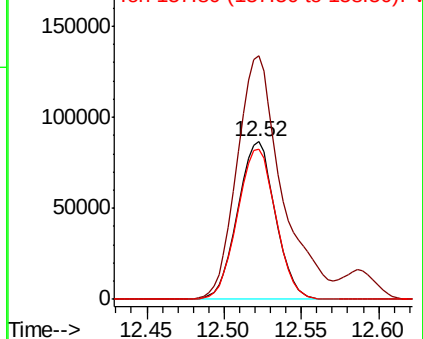
158 97.4 49.2 147.6



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: 56.093 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059900.D

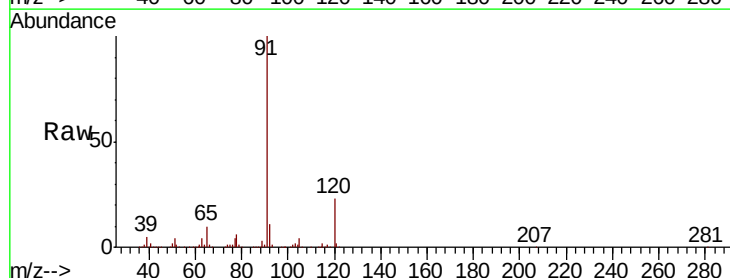
Acq: 29 Jan 2020 9:51

Tgt Ion: 91 Resp: 637199

Ion Ratio Lower Upper

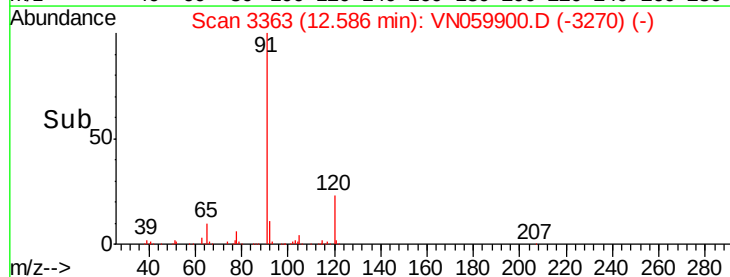
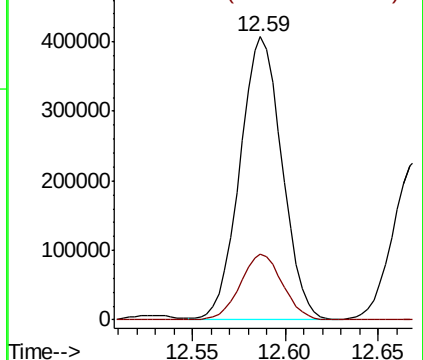
91 100

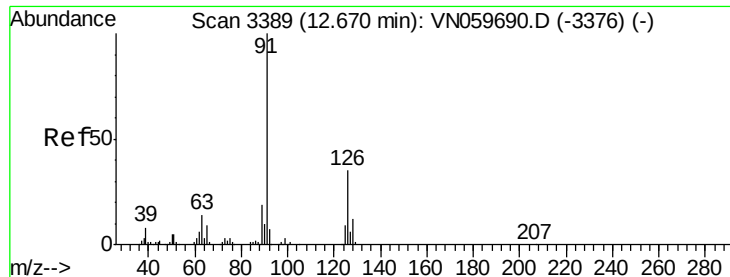
120 23.4 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

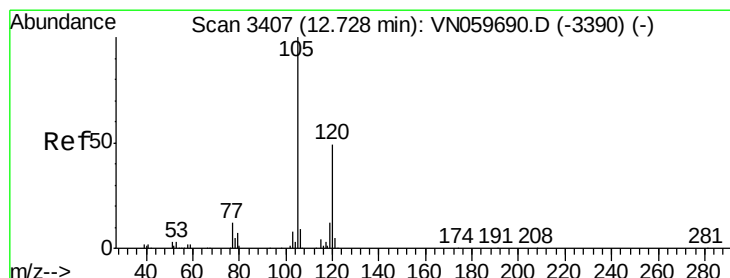
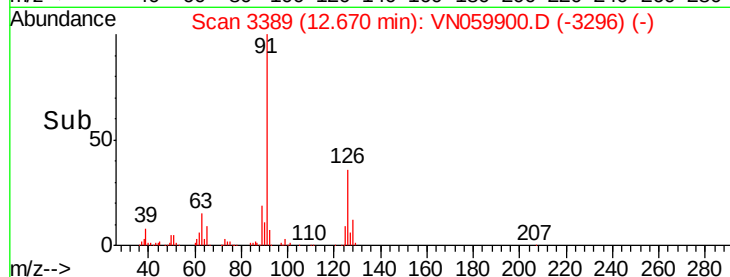
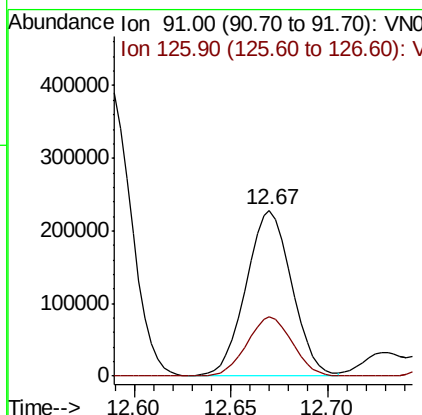
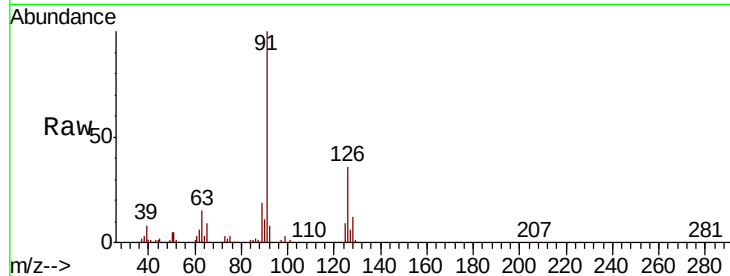




#79
 2-Chlorotoluene
 Concen: 55.226 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VN059900.D
 Acq: 29 Jan 2020 9:51

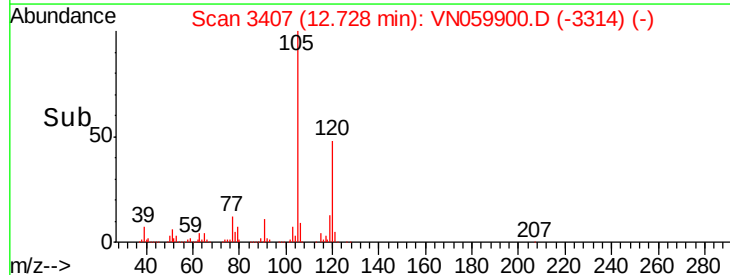
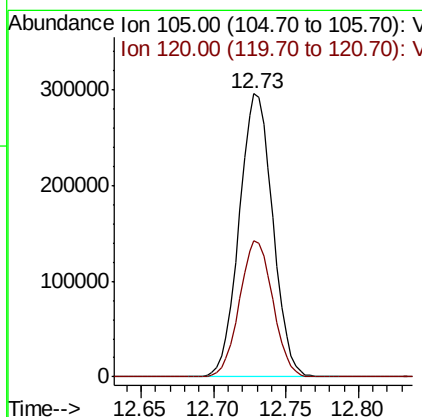
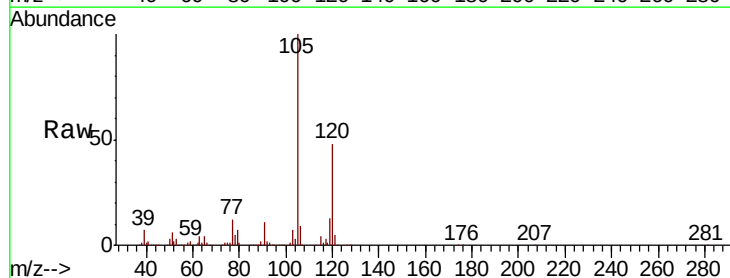
Instrument :
 MSVOA_N
 ClientSampled :

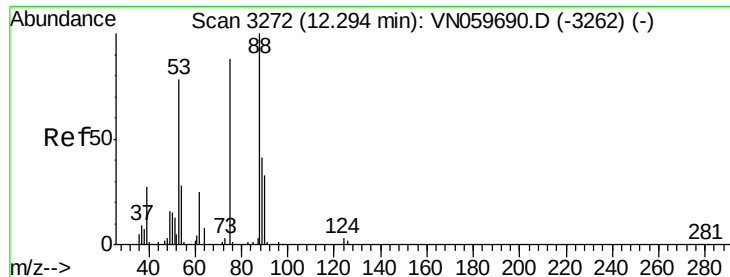
Tot Ion: 91 Resp: 373208
 Ion Ratio Lower Upper
 91 100
 126 35.9 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 55.689 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN059900.D
 Acq: 29 Jan 2020 9:51

Tgt Ion: 105 Resp: 474007
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.1 72.4

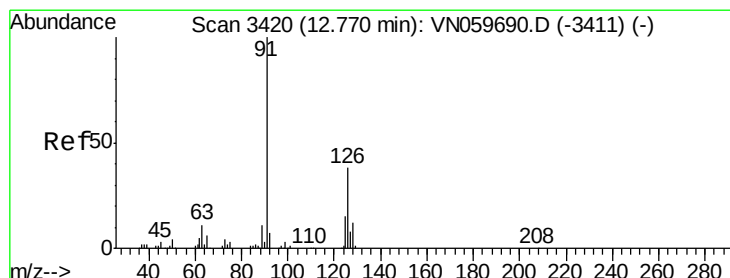
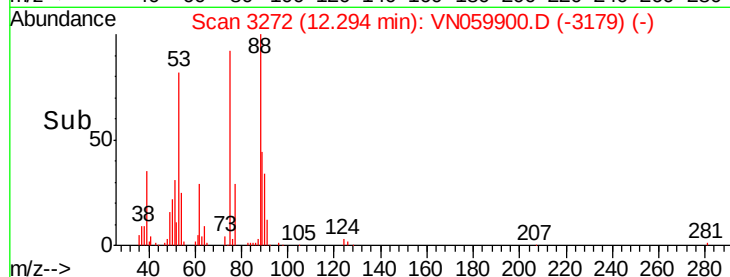
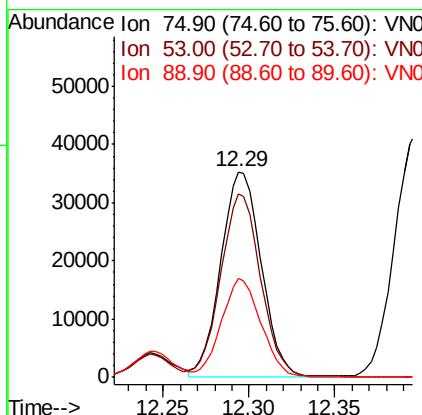
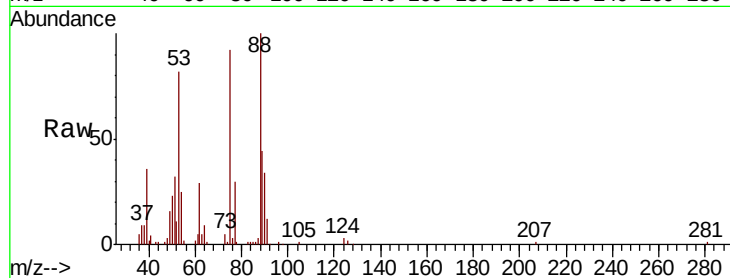




#81
trans-1,4-Dichloro-2-butene
Concen: 53.868 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VN059900.D
Acq: 29 Jan 2020 9:51

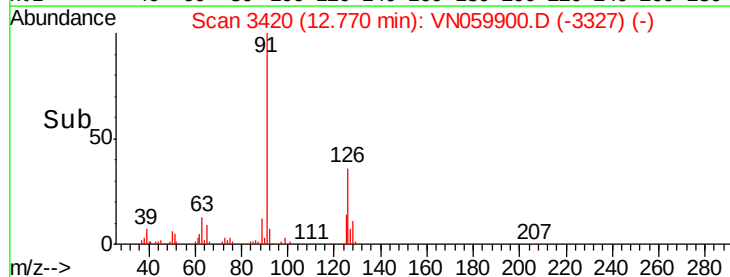
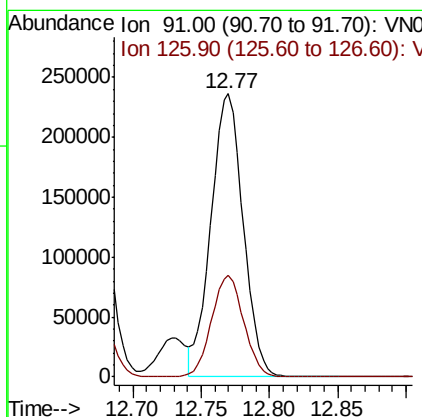
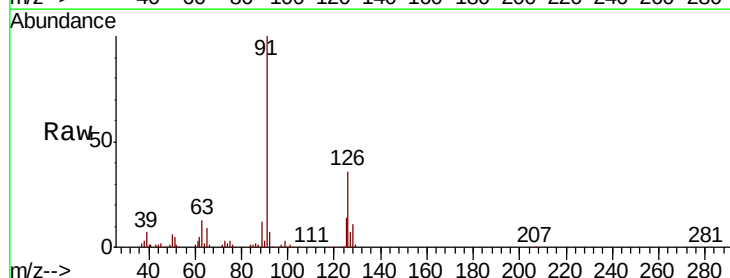
Instrument :
MSVOA_N
ClientSampled :

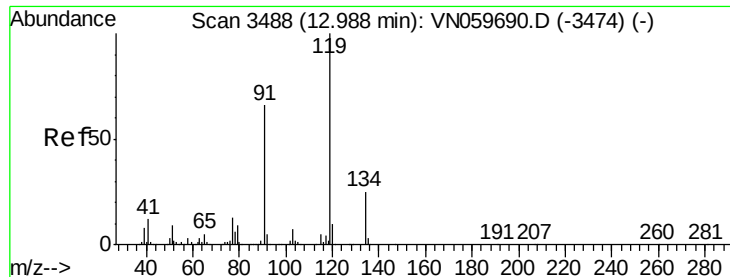
Tot Ion: 75 Resp: 58255
Ion Ratio Lower Upper
75 100
53 88.8 78.1 117.1
89 47.3 35.4 53.2



#82
4-Chlorotoluene
Concen: 57.083 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN059900.D
Acq: 29 Jan 2020 9:51

Tgt Ion: 91 Resp: 386922
Ion Ratio Lower Upper
91 100
126 35.7 16.3 48.8





#83

tert-Butylbenzene

Concen: 54.298 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. 0.00 min

Lab File: VN059900.D

Acq: 29 Jan 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

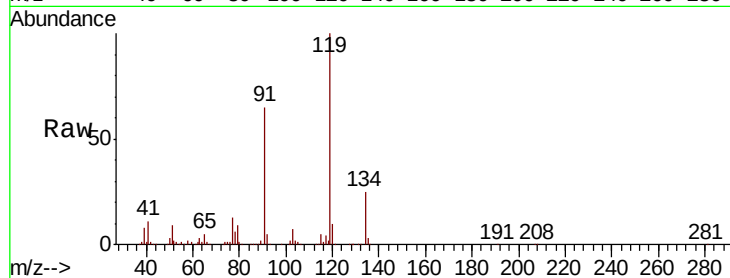
Tot Ion:119 Resp: 399715

Ion Ratio Lower Upper

119 100

91 64.9 34.8 104.4

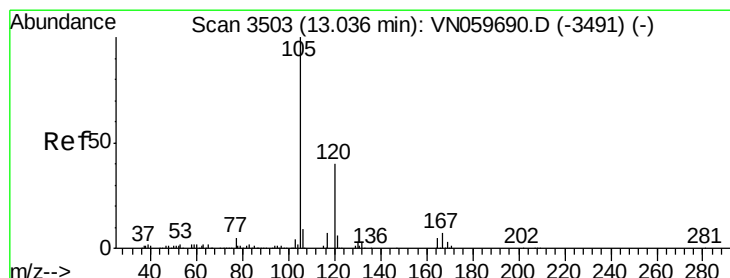
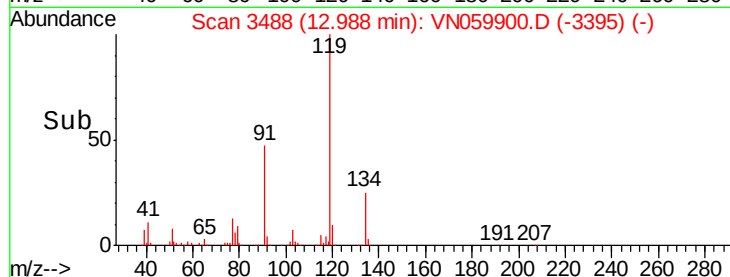
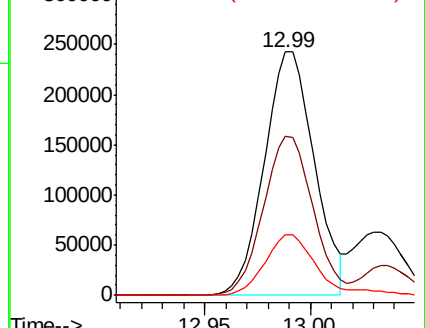
134 26.0 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 56.201 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN059900.D

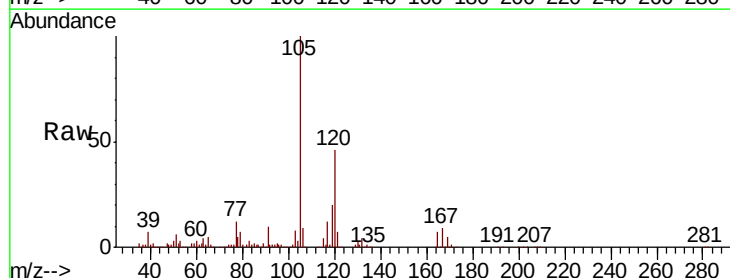
Acq: 29 Jan 2020 9:51

Tgt Ion:105 Resp: 473251

Ion Ratio Lower Upper

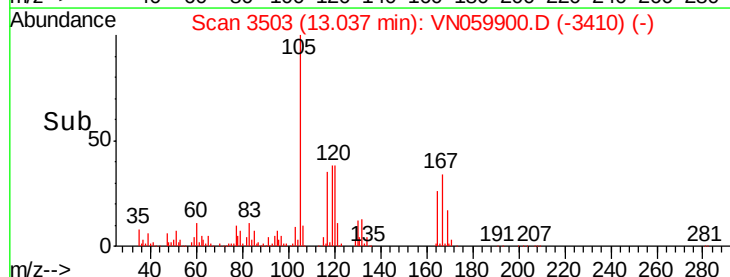
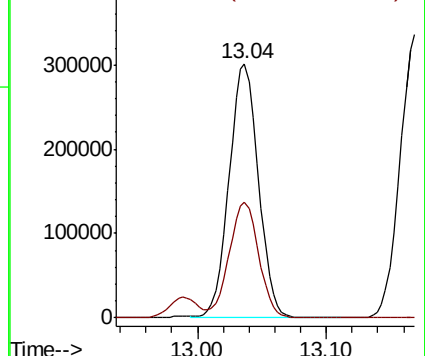
105 100

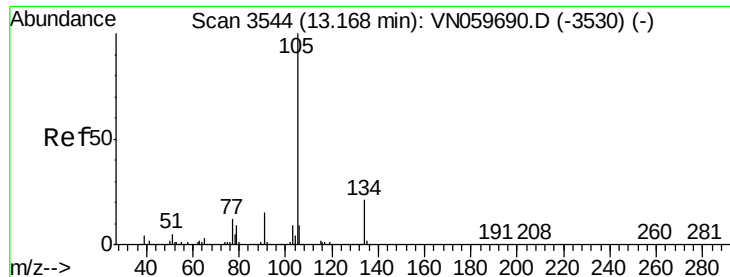
120 46.0 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

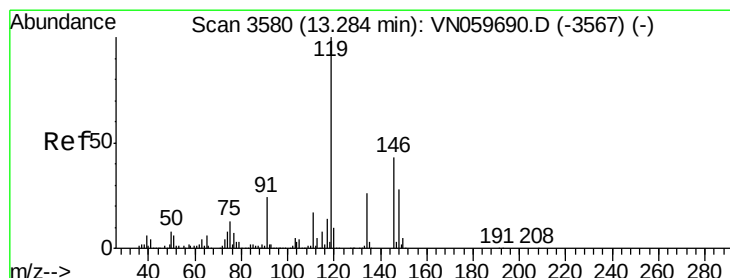
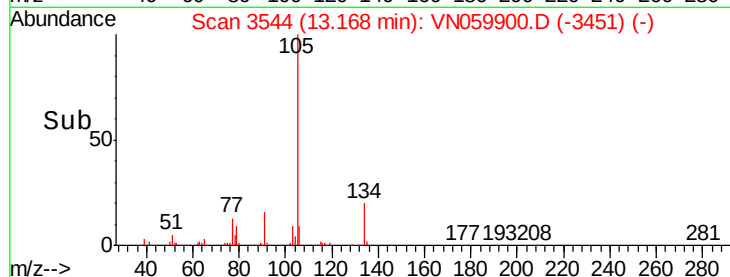
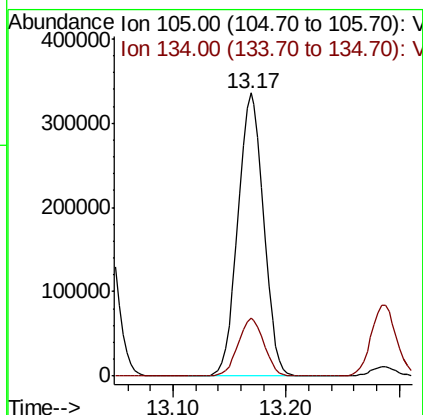
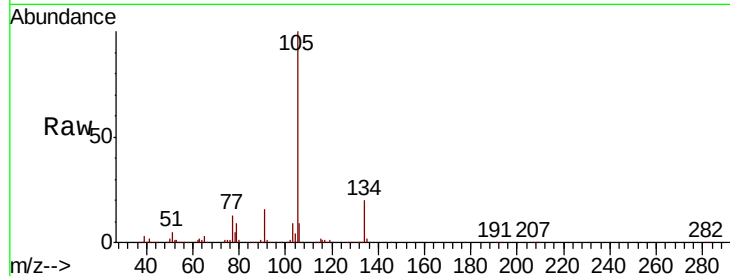




#85
 sec-Butylbenzene
 Concen: 54.863 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059900.D
 Acq: 29 Jan 2020 9:51

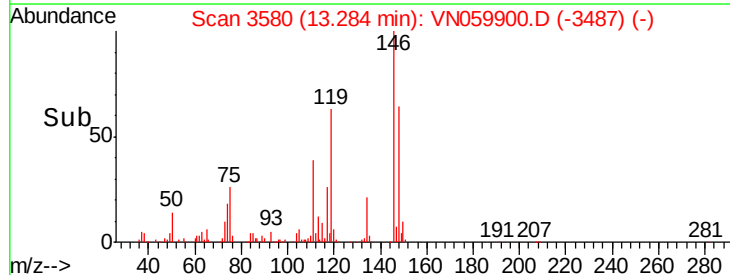
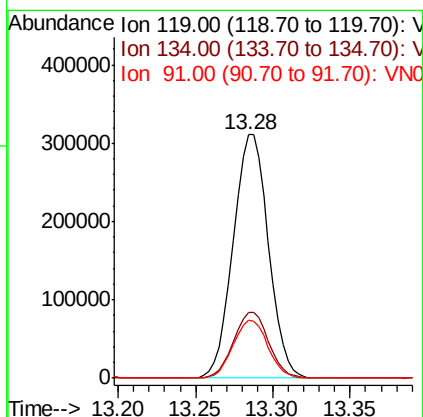
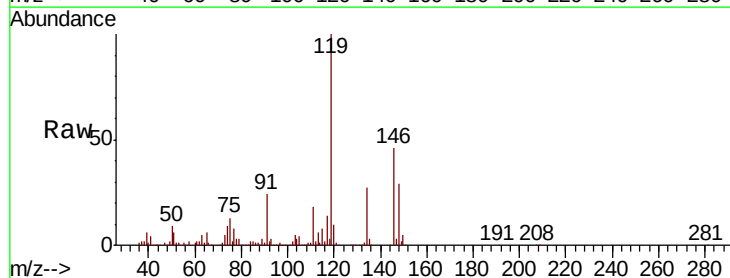
Instrument :
 MSVOA_N
 ClientSampleId :

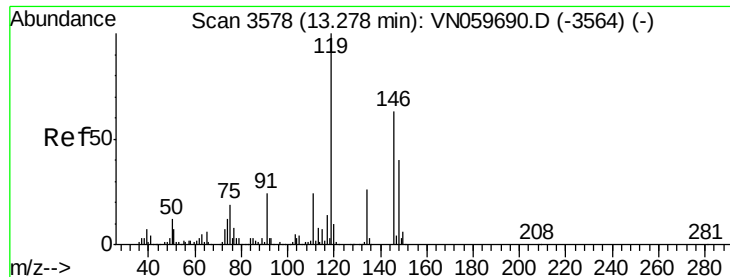
Tot Ion:105 Resp: 530628
 Ion Ratio Lower Upper
 105 100
 134 20.6 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 54.717 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059900.D
 Acq: 29 Jan 2020 9:51

Tgt Ion:119 Resp: 489687
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.9 38.7
 91 23.5 12.4 37.4

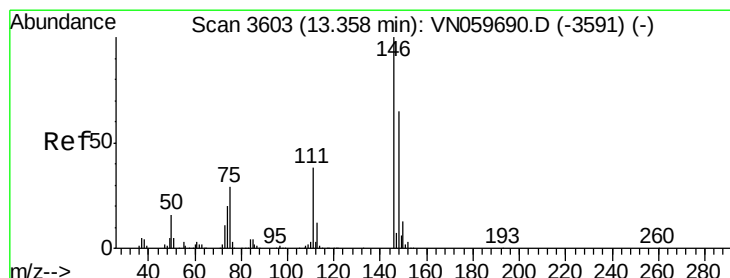
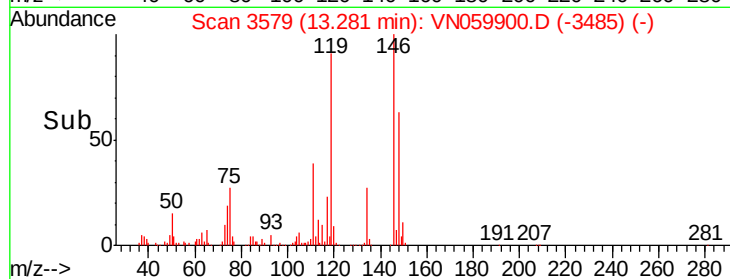
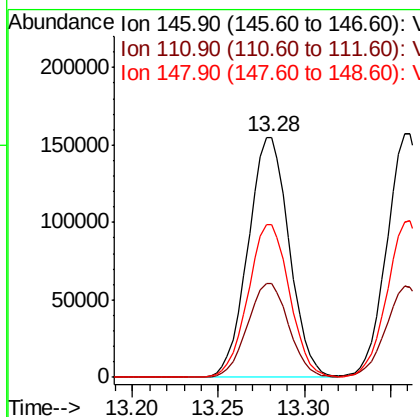
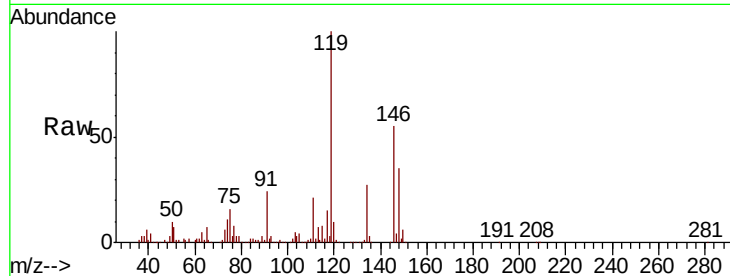




#87
 1,3-Dichlorobenzene
 Concen: 57.651 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN059900.D
 Acq: 29 Jan 2020 9:51

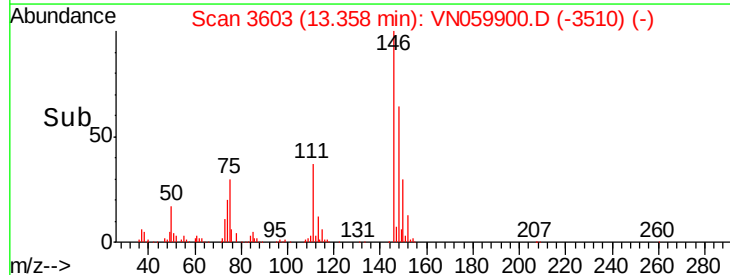
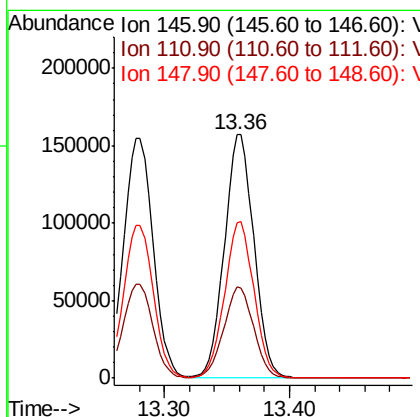
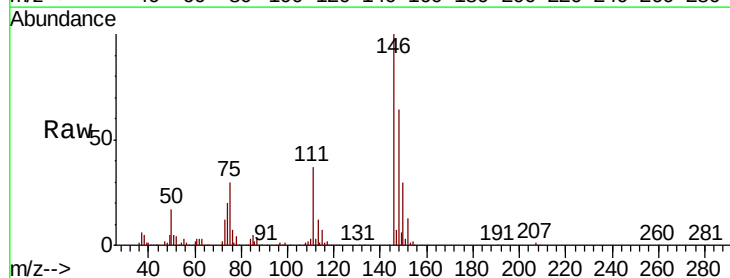
Instrument :
 MSVOA_N
 ClientSampleId :

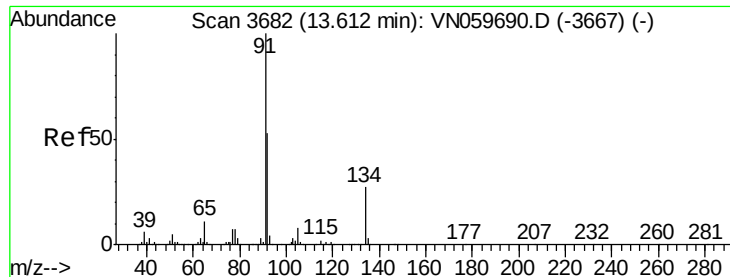
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.8	62.2
148	64.0	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 58.074 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN059900.D
 Acq: 29 Jan 2020 9:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	20.8	62.2
148	64.0	31.8	95.4





#89

n-Butylbenzene

Concen: 55.227 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN059900.D

Acq: 29 Jan 2020 9:51

Instrument :

MSVOA_N

ClientSampled :

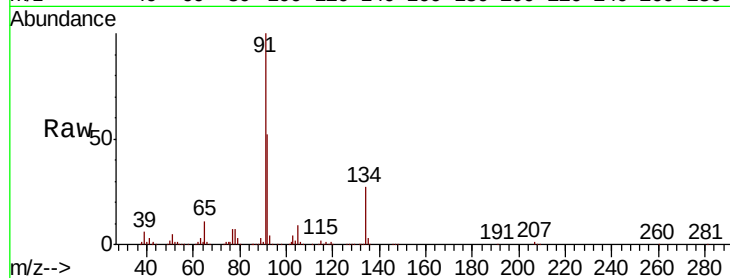
Tot Ion: 91 Resp: 421417

Ion Ratio Lower Upper

91 100

92 52.1 25.9 77.7

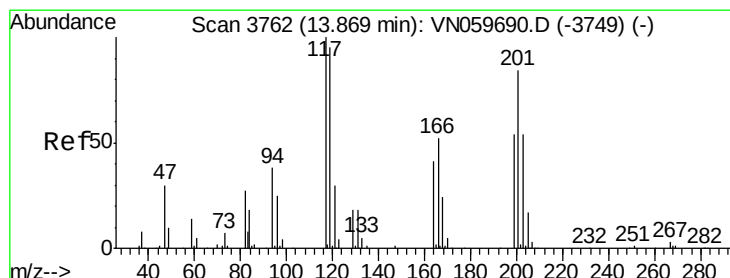
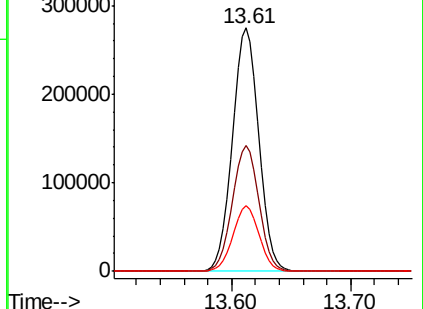
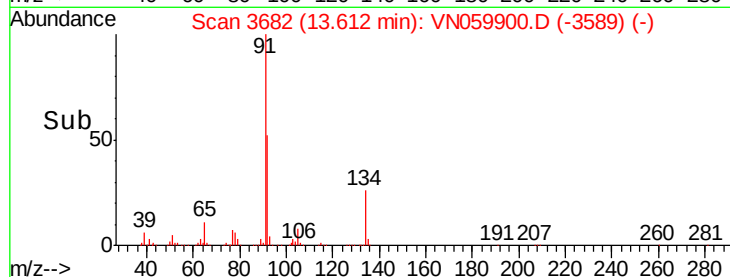
134 26.9 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VN059900.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN059900.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN059900.D (-3669) (-)



#90

Hexachloroethane

Concen: 54.417 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN059900.D

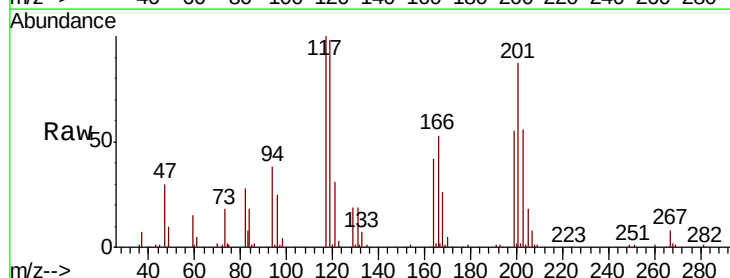
Acq: 29 Jan 2020 9:51

Tgt Ion: 117 Resp: 91117

Ion Ratio Lower Upper

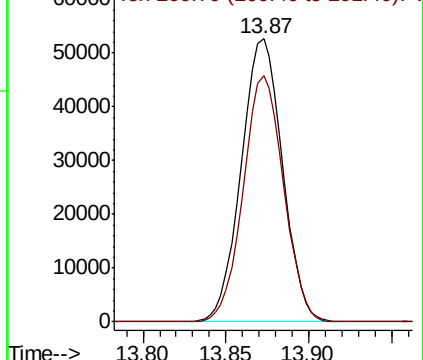
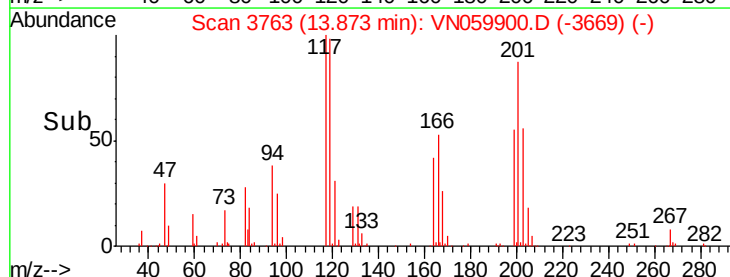
117 100

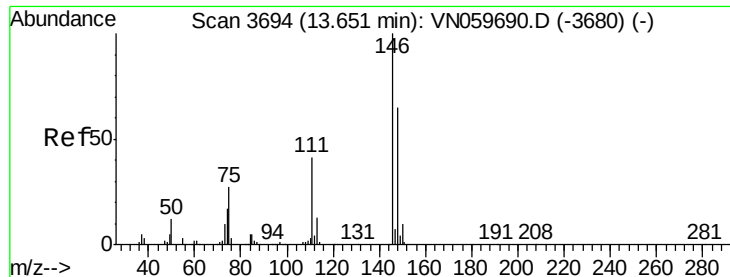
201 84.9 37.8 113.4



Abundance Ion 116.80 (116.50 to 117.50): VN059900.D (-3669) (-)

Ion 200.70 (200.40 to 201.40): VN059900.D (-3669) (-)





#91

1,2-Dichlorobenzene

Concen: 56.885 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN059900.D

Acq: 29 Jan 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

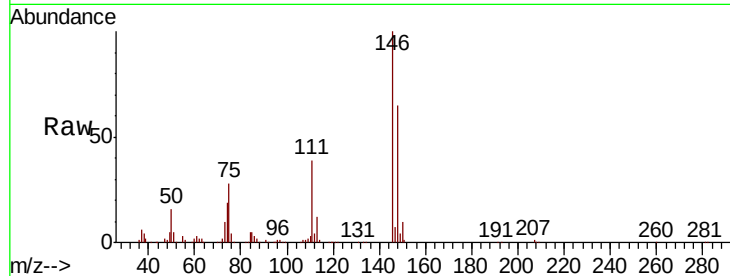
Tot Ion:146 Resp: 250371

Ion Ratio Lower Upper

146 100

111 40.1 21.6 64.8

148 64.6 31.6 95.0

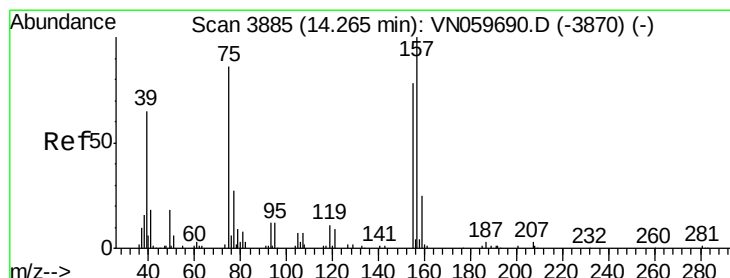
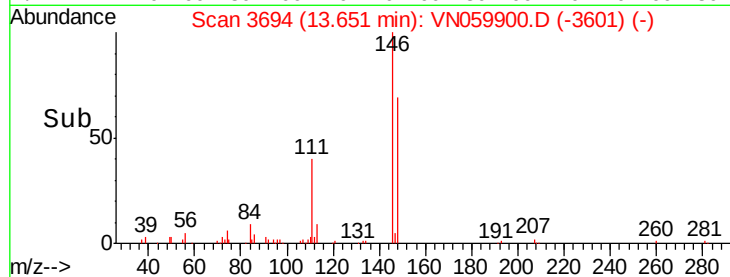
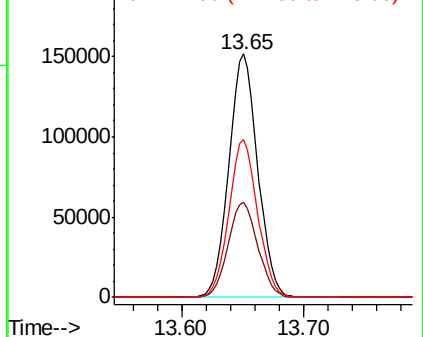


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.657 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN059900.D

Acq: 29 Jan 2020 9:51

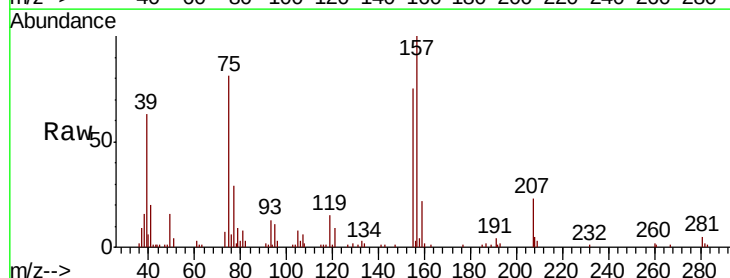
Tgt Ion: 75 Resp: 31281

Ion Ratio Lower Upper

75 100

155 88.2 37.0 110.9

157 113.8 48.4 145.2

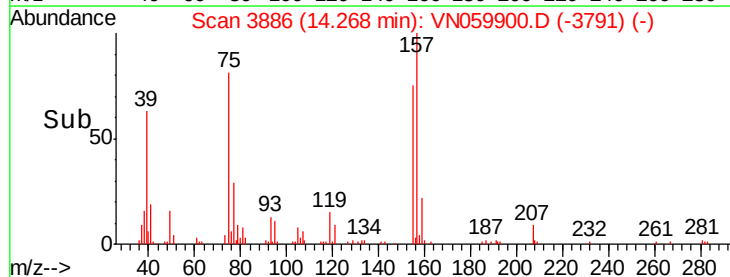
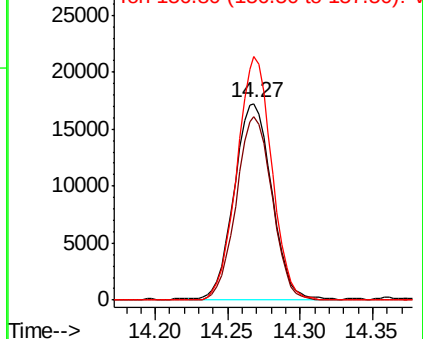


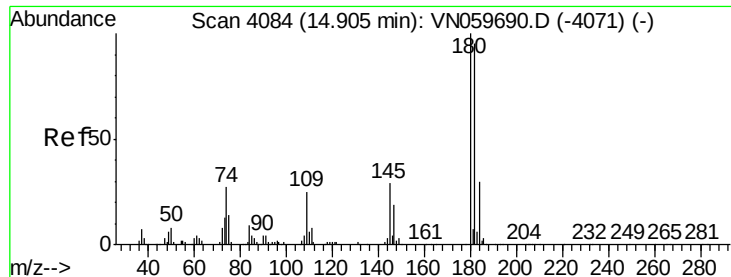
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

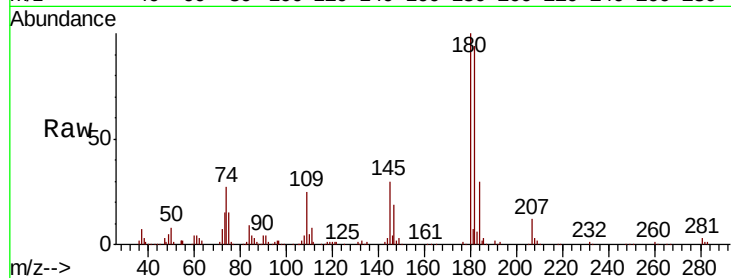




#93
 1,2,4-Trichlorobenzene
 Concen: 56.541 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN059900.D
 Acq: 29 Jan 2020 9:51

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	46.9	140.7
145	30.4	15.0	45.1

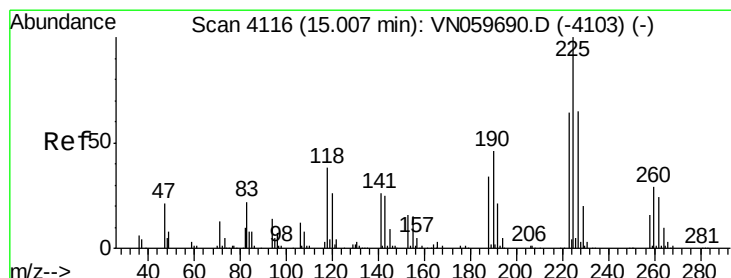
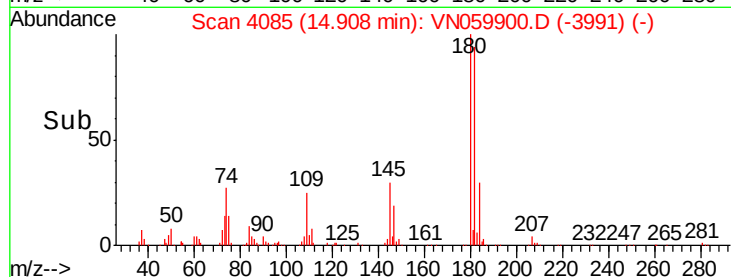
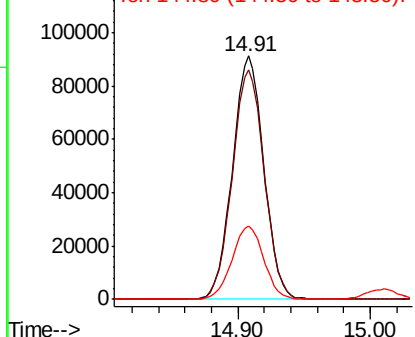


Abundance

Ion 179.80 (179.50 to 180.50): V

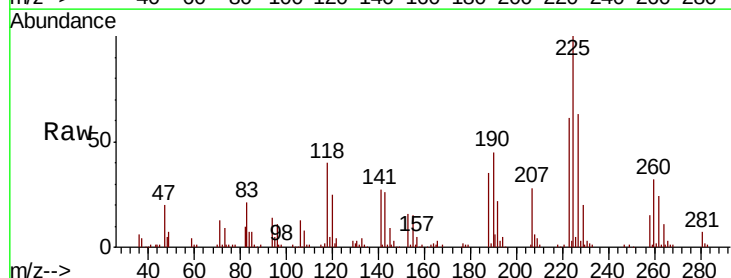
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 49.341 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN059900.D
 Acq: 29 Jan 2020 9:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.8	95.3
227	64.0	32.1	96.5

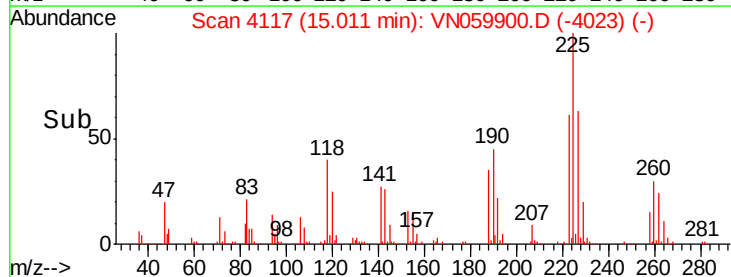
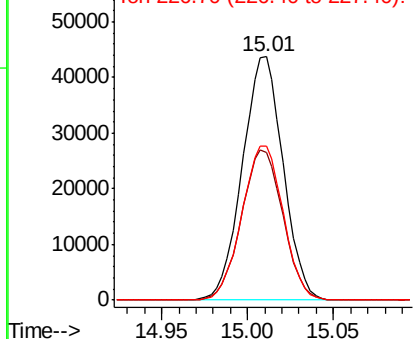


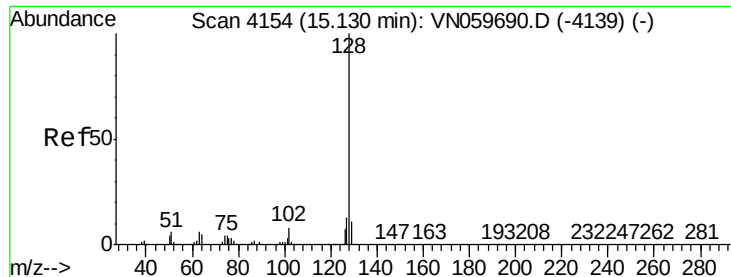
Abundance

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: 51.384 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059900.D

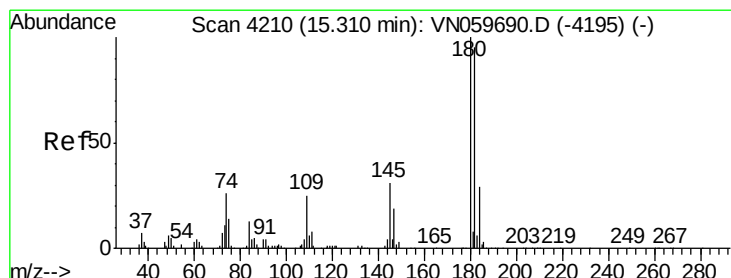
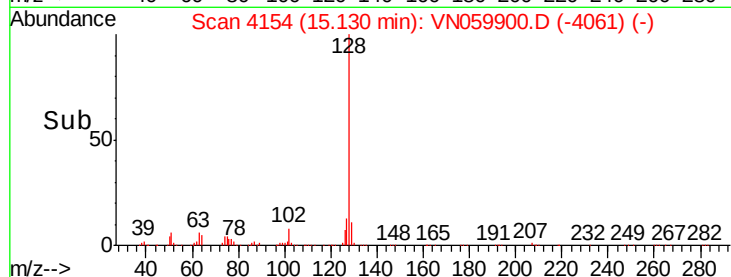
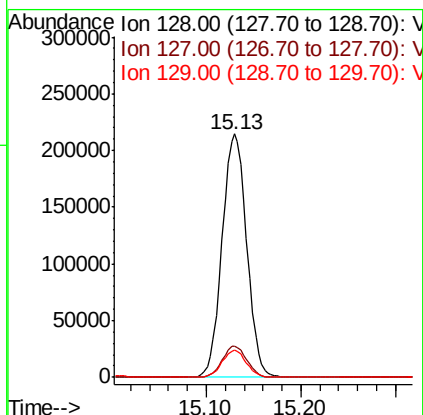
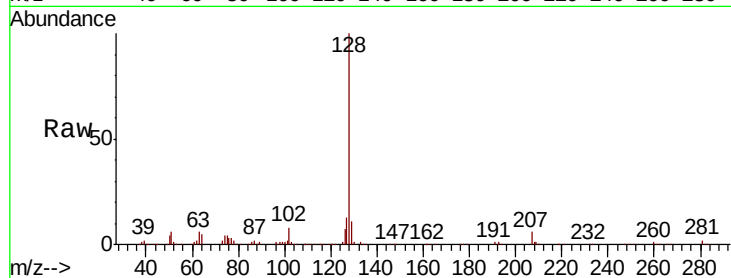
Acq: 29 Jan 2020 9:51

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:	128	Resp:	386540
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.9	8.6	12.8



#96

1,2,3-Trichlorobenzene

Concen: 53.952 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN059900.D

Acq: 29 Jan 2020 9:51

Tgt Ion:	180	Resp:	138886
Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.4	142.3
145	32.0	16.3	48.9

