

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012020\
 Data File : VN059776.D
 Acq On : 20 Jan 2020 10:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 21 01:13:56 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	198148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	298330	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	272720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	137026	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	106228	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
35) Dibromofluoromethane	7.56	113	91376	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
50) Toluene-d8	10.08	98	347813	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
62) 4-Bromofluorobenzene	12.40	95	127223	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	117832	50.443	ug/l	99
3) Chloromethane	2.03	50	109654	48.337	ug/l	99
4) Vinyl Chloride	2.17	62	137050	52.801	ug/l	98
5) Bromomethane	2.53	94	82612	52.153	ug/l	100
6) Chloroethane	2.68	64	62749	51.099	ug/l	97
7) Trichlorofluoromethane	3.00	101	159809	51.267	ug/l	98
8) Diethyl Ether	3.38	74	55856	51.059	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	3.73	101	93655	53.983	ug/l	92
10) Methyl Iodide	3.93	142	141798	50.565	ug/l	95
11) Tert butyl alcohol	4.73	59	86425	233.304	ug/l #	84
12) 1,1-Dichloroethene	3.71	96	89825	49.549	ug/l	88
13) Acrolein	3.58	56	70078	267.242	ug/l	97
14) Allyl chloride	4.29	41	122504	50.135	ug/l #	85
15) Acrylonitrile	4.94	53	206564	244.454	ug/l	100
16) Acetone	3.78	43	228182	306.285	ug/l	96
17) Carbon Disulfide	4.03	76	248316	48.084	ug/l	99
18) Methyl Acetate	4.28	43	122988	47.849	ug/l #	90
19) Methyl tert-butyl Ether	5.00	73	298596	50.518	ug/l	95
20) Methylene Chloride	4.52	84	99764	50.114	ug/l	88
21) trans-1,2-Dichloroethene	5.01	96	96701	50.181	ug/l	90
22) Diisopropyl ether	5.91	45	273922	49.467	ug/l	96
23) Vinyl Acetate	5.86	43	1063071	247.957	ug/l #	94
24) 1,1-Dichloroethane	5.82	63	169777	50.178	ug/l	96
25) 2-Butanone	6.80	43	307636	246.875	ug/l	90
26) 2,2-Dichloropropane	6.79	77	163963	50.406	ug/l	95
27) cis-1,2-Dichloroethene	6.80	96	112062	50.560	ug/l	88
28) Bromochloromethane	7.17	49	60935	45.059	ug/l #	74
29) Tetrahydrofuran	7.18	42	175254	227.308	ug/l #	87
30) Chloroform	7.35	83	177326	50.582	ug/l	99
31) Cyclohexane	7.63	56	150478	46.219	ug/l	91
32) 1,1,1-Trichloroethane	7.54	97	165834	51.161	ug/l	95
36) 1,1-Dichloropropene	7.77	75	133800	51.502	ug/l	95
37) Ethyl Acetate	6.89	43	112985	46.369	ug/l	96
38) Carbon Tetrachloride	7.75	117	148874	52.679	ug/l	99

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

39) Methylcyclohexane	9.06	83	165822	51.765	ug/l	91
40) Benzene	8.02	78	398245	51.399	ug/l	100
41) Methacrylonitrile	7.18	41	163157	135.942	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	136793	52.072	ug/l	96
43) Isopropyl Acetate	8.14	43	200229	47.774	ug/l #	94
44) Trichloroethene	8.82	130	115727	54.713	ug/l	93
45) 1,2-Dichloropropane	9.10	63	99685	51.993	ug/l	99
46) Dibromomethane	9.19	93	70594	52.197	ug/l	91
47) Bromodichloromethane	9.39	83	144502	53.020	ug/l	98
48) Methyl methacrylate	9.18	41	89661	47.827	ug/l	91
49) 1,4-Dioxane	9.18	88	37611	1095.924	ug/l	88
51) 4-Methyl-2-Pentanone	9.97	43	574352	237.063	ug/l	95
52) Toluene	10.14	92	254245	51.950	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	163072	53.586	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	172425	53.850	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	101570	52.401	ug/l	96
56) Ethyl methacrylate	10.42	69	147118	49.672	ug/l	92
57) 1,3-Dichloropropane	10.70	76	163937	53.273	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	210888	236.397	ug/l	91
59) 2-Hexanone	10.74	43	452315	253.416	ug/l	94
60) Dibromochloromethane	10.89	129	121257	54.935	ug/l	100
61) 1,2-Dibromoethane	10.99	107	106626	52.484	ug/l	99
64) Tetrachloroethene	10.62	164	114495	51.512	ug/l	95
65) Chlorobenzene	11.43	112	280795	52.383	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	109928	53.073	ug/l	99
67) Ethyl Benzene	11.50	91	501858	51.574	ug/l	97
68) m/p-Xylenes	11.62	106	385736	104.941	ug/l	94
69) o-Xylene	11.94	106	186722	51.888	ug/l	94
70) Styrene	11.96	104	313465	52.056	ug/l	97
71) Bromoform	12.12	173	91150	54.939	ug/l #	99
73) Isopropylbenzene	12.25	105	504091	50.161	ug/l	99
74) N-amyl acetate	12.06	43	178852	45.866	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	139254	47.799	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	186968	81.079	ug/l #	100
77) Bromobenzene	12.52	156	127701	50.179	ug/l	82
78) n-propylbenzene	12.59	91	572710	50.775	ug/l	97
79) 2-Chlorotoluene	12.67	91	330974	49.324	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	426534	50.468	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.29	75	51857	48.293	ug/l	94
82) 4-Chlorotoluene	12.77	91	344366	51.166	ug/l	95
83) tert-Butylbenzene	12.99	119	365398	49.989	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	426780	51.043	ug/l	97
85) sec-Butylbenzene	13.17	105	490855	51.112	ug/l	99
86) p-Isopropyltoluene	13.28	119	456375	51.358	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	233840	52.898	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	232505	52.722	ug/l	97
89) n-Butylbenzene	13.61	91	402042	53.063	ug/l	98
90) Hexachloroethane	13.87	117	84575	50.869	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	227967	52.163	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30615	48.914	ug/l	81

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	151101	57.540	ug/l	98
94) Hexachlorobutadiene	15.01	225	77314	53.427	ug/l	99
95) Naphthalene	15.13	128	397754	53.251	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	143870	56.285	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059776.D

Acq: 20 Jan 2020 10:05

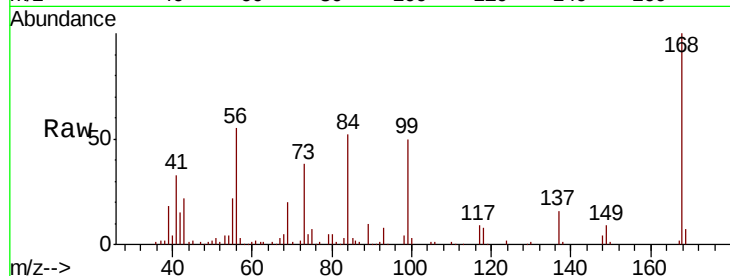
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 198148

Ion Ratio Lower Upper

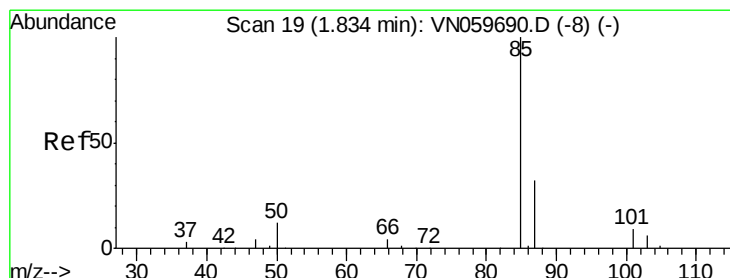
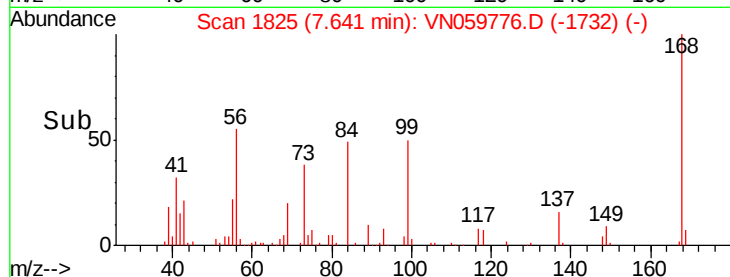
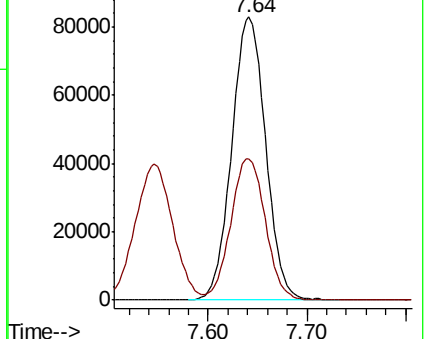
168 100

99 50.0 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: 50.443 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN059776.D

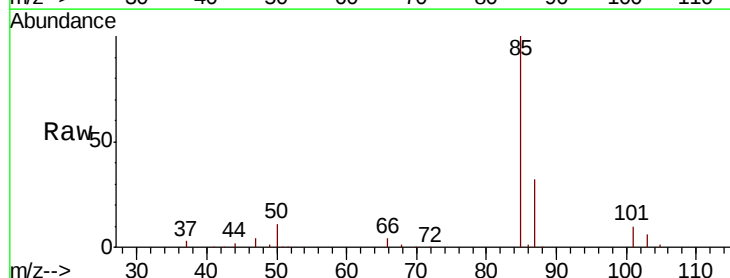
Acq: 20 Jan 2020 10:05

Tgt Ion: 85 Resp: 117832

Ion Ratio Lower Upper

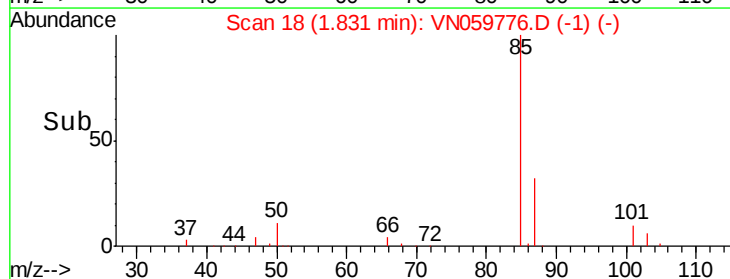
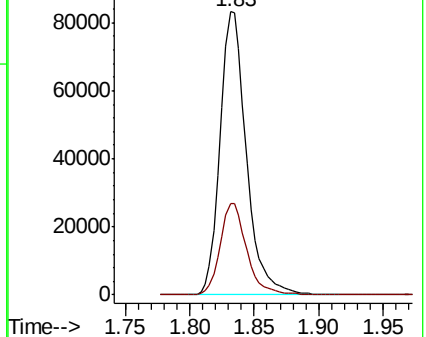
85 100

87 32.4 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: 48.337 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN059776.D

Acq: 20 Jan 2020 10:05

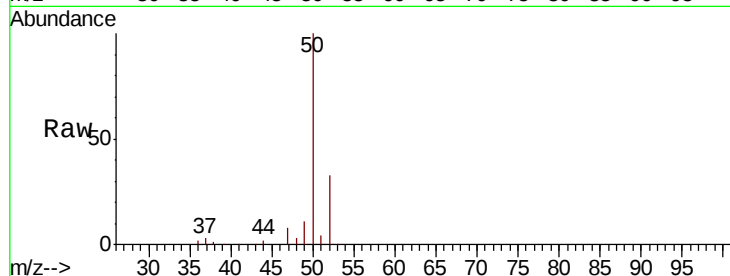
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 50 Resp: 109654

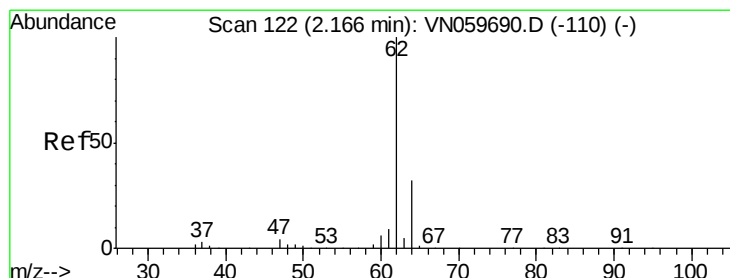
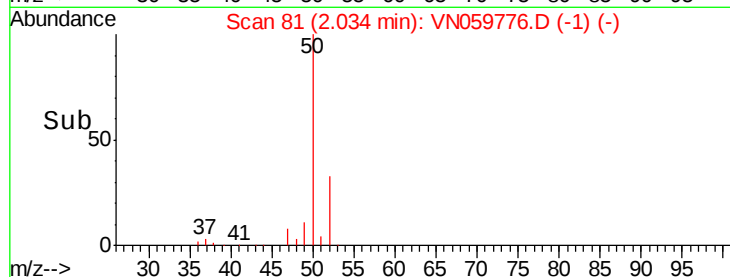
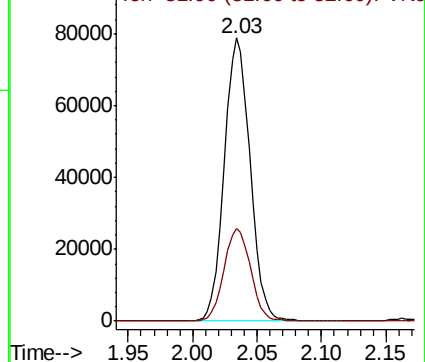
Ion Ratio Lower Upper

50 100

52 32.8 25.9 38.9



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



#4

Vinyl Chloride

Concen: 52.801 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059776.D

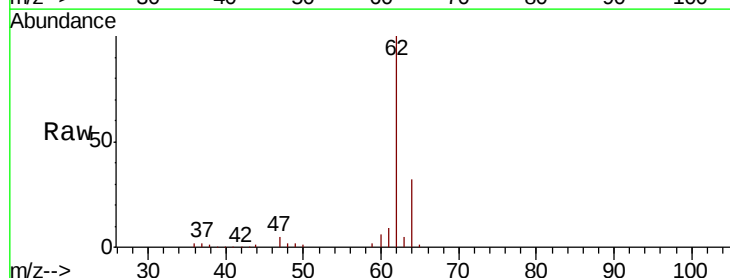
Acq: 20 Jan 2020 10:05

Tgt Ion: 62 Resp: 137050

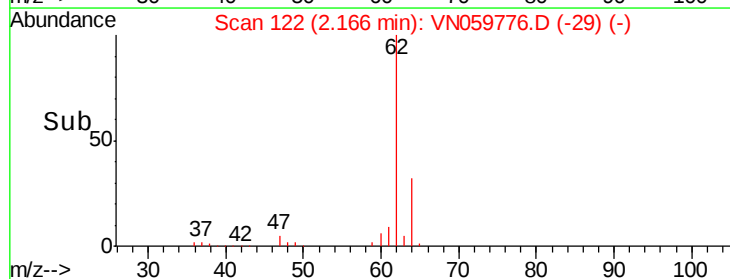
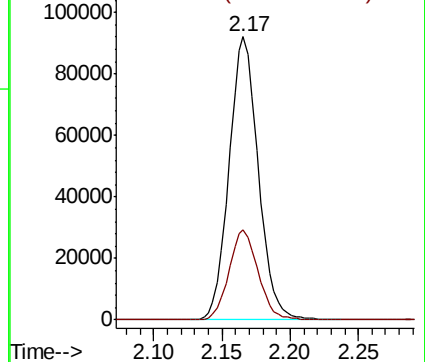
Ion Ratio Lower Upper

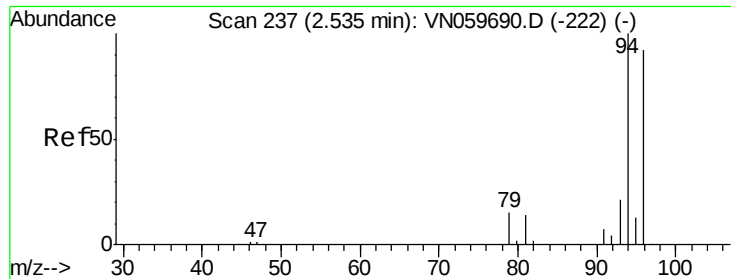
62 100

64 31.7 24.6 37.0



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





#5

Bromomethane

Concen: 52.153 ug/l

RT: 2.53 min Scan# 236

Delta R.T. -0.00 min

Lab File: VN059776.D

Acq: 20 Jan 2020 10:05

Instrument :

MSVOA_N

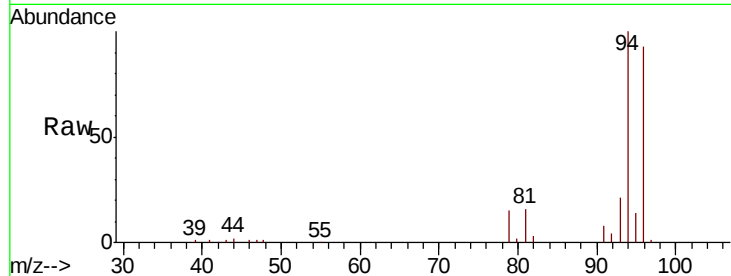
ClientSampleId :

Tot Ion: 94 Resp: 82612

Ion Ratio Lower Upper

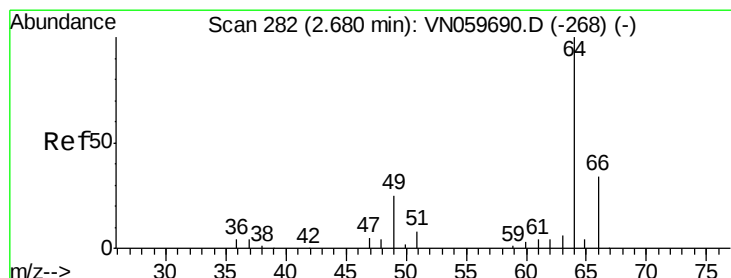
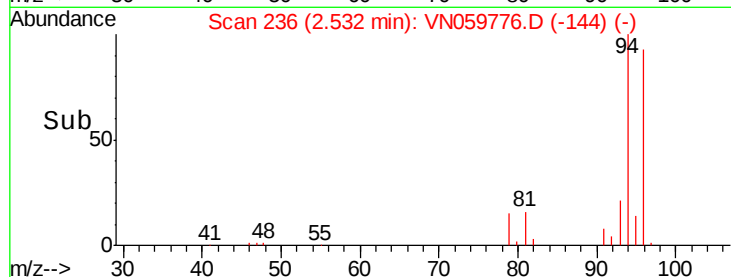
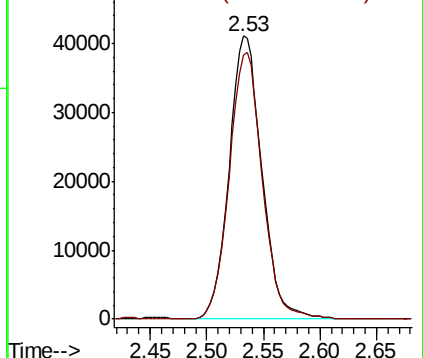
94 100

96 93.3 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VNC

Ion 95.90 (95.60 to 96.60): VNC



#6

Chloroethane

Concen: 51.099 ug/l

RT: 2.68 min Scan# 282

Delta R.T. 0.00 min

Lab File: VN059776.D

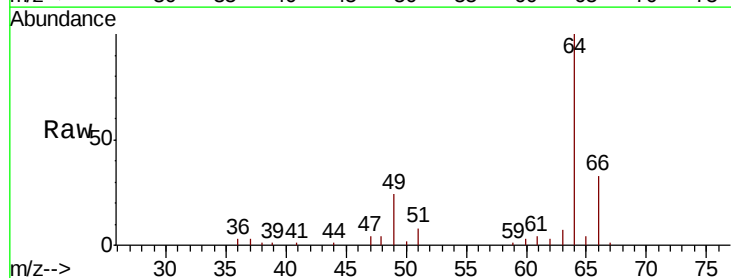
Acq: 20 Jan 2020 10:05

Tgt Ion: 64 Resp: 62749

Ion Ratio Lower Upper

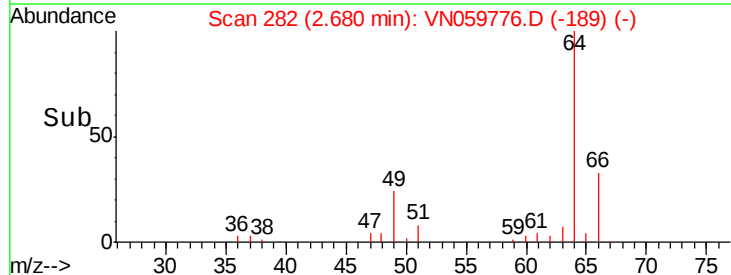
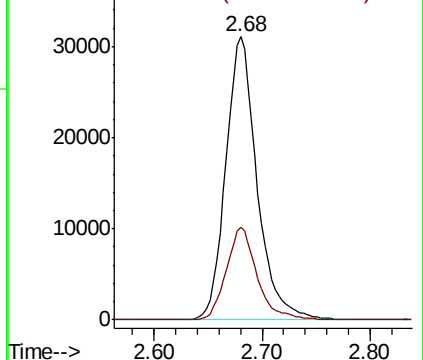
64 100

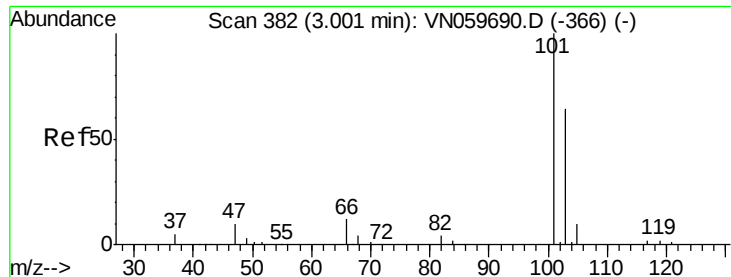
66 32.9 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VNC

Ion 65.90 (65.60 to 66.60): VNC



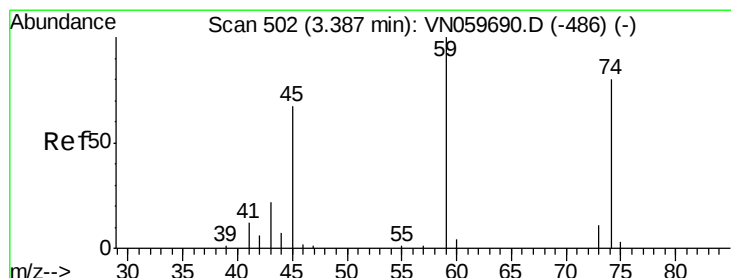
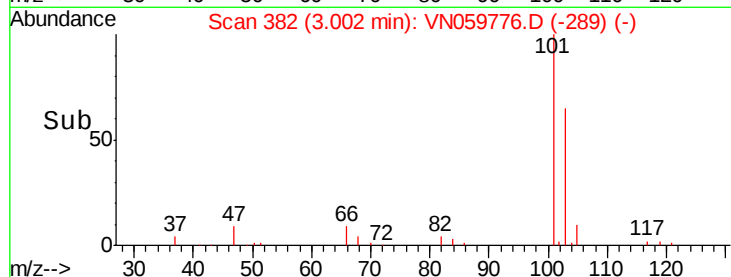
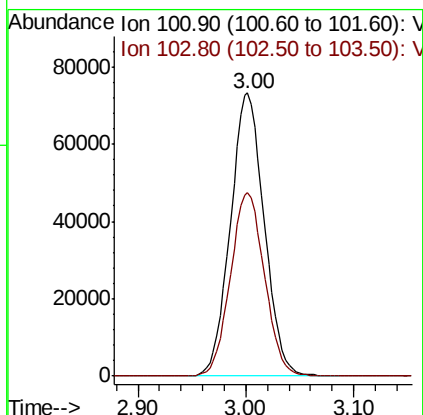
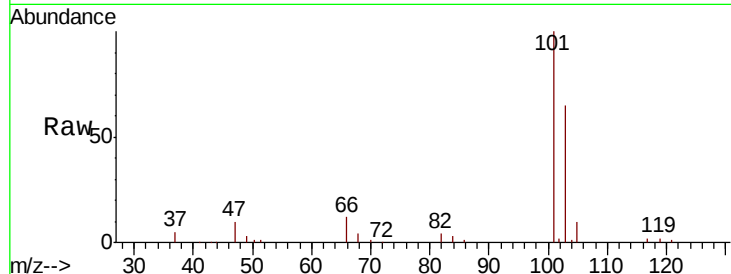


#7

Trichlorofluoromethane
Concen: 51.267 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN059776.D
Acq: 20 Jan 2020 10:05

Instrument :
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ClientSampleId :

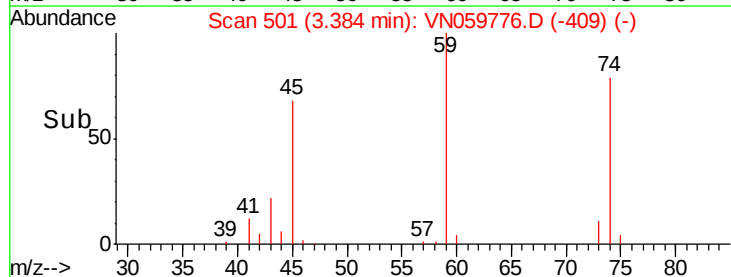
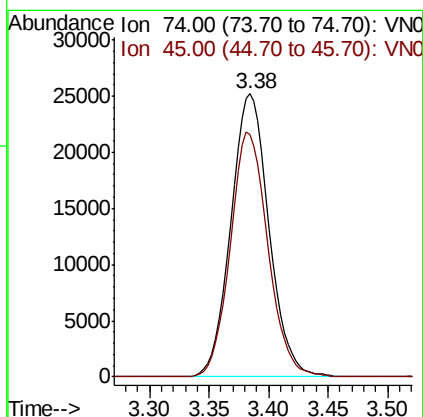
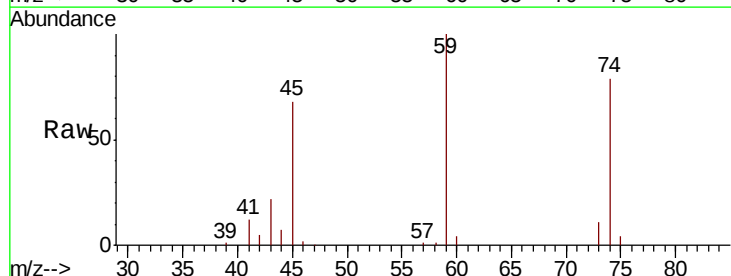
Tot Ion:101 Resp: 159809
Ion Ratio Lower Upper
101 100
103 65.0 51.0 76.6



#8

Diethyl Ether
Concen: 51.059 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059776.D
Acq: 20 Jan 2020 10:05

Tgt Ion: 74 Resp: 55856
Ion Ratio Lower Upper
74 100
45 85.5 51.9 155.8

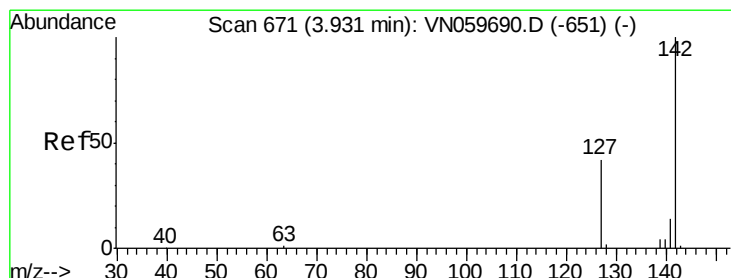
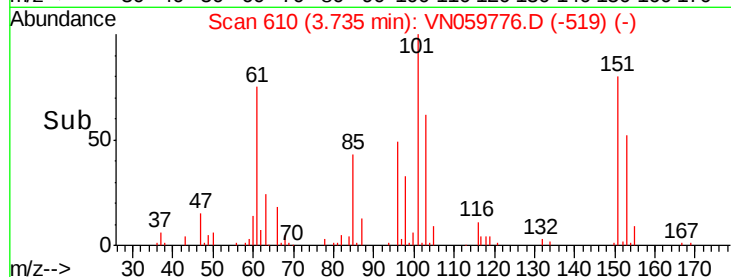
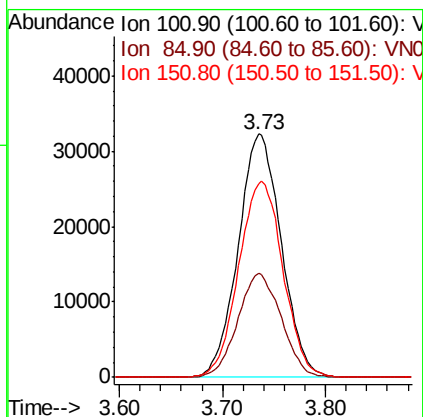
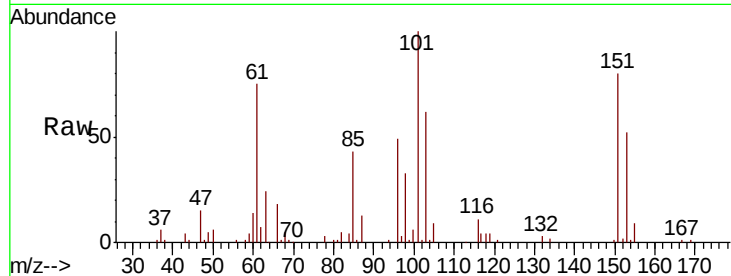




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 53.983 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: VN059776.D
 Acq: 20 Jan 2020 10:05

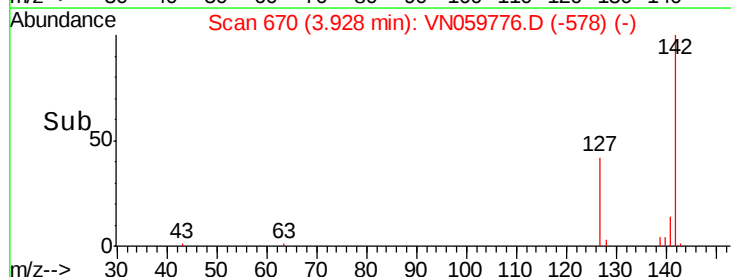
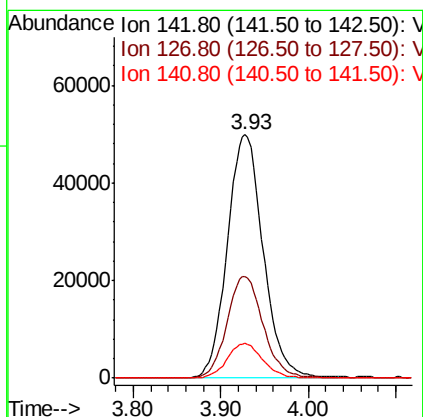
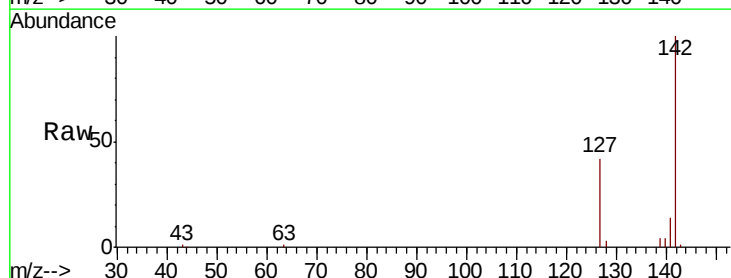
Instrument :
 MSVOA_N
 ClientSampled :

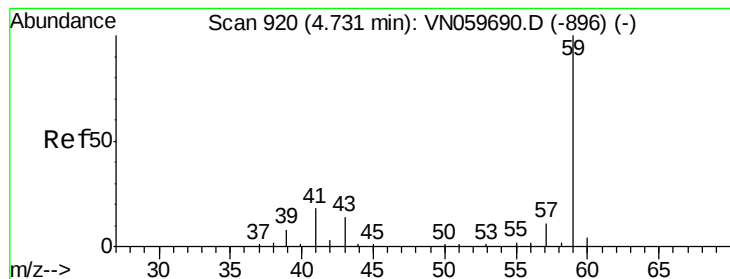
Tot Ion:101 Resp: 93655
 Ion Ratio Lower Upper
 101 100
 85 43.1 36.6 54.8
 151 82.9 59.7 89.5



#10
 Methyl Iodide
 Concen: 50.565 ug/l
 RT: 3.93 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: VN059776.D
 Acq: 20 Jan 2020 10:05

Tgt Ion:142 Resp: 141798
 Ion Ratio Lower Upper
 142 100
 127 42.1 36.7 55.1
 141 14.1 11.7 17.5



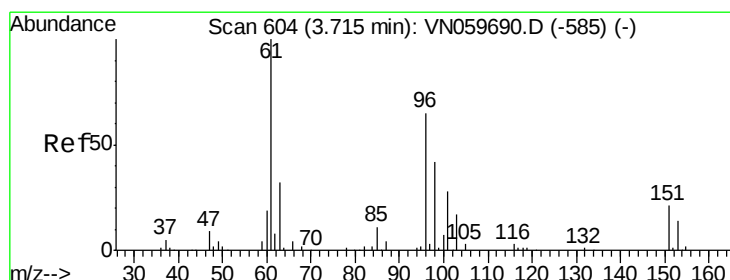
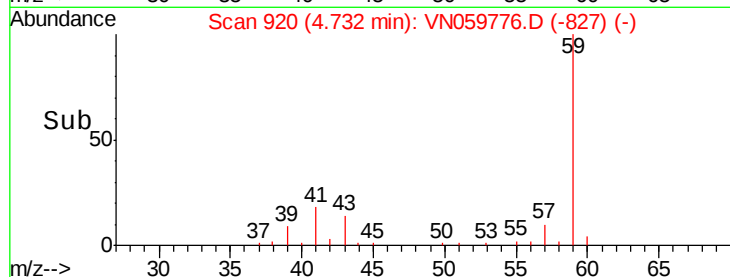
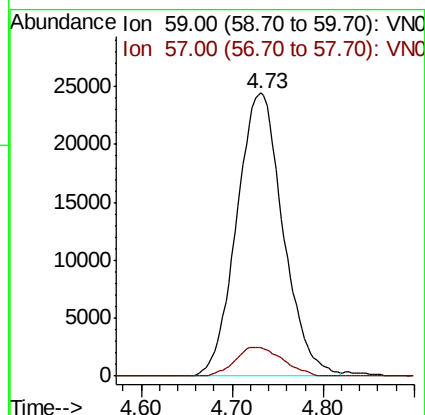
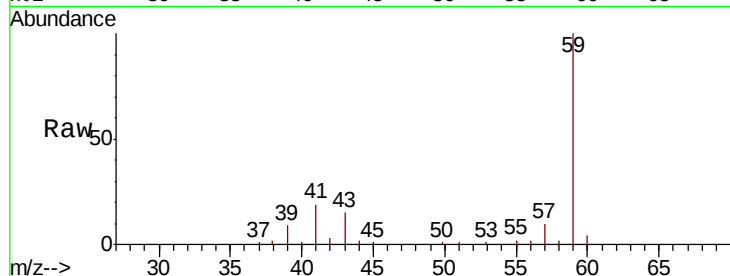


#11

Tert butyl alcohol
Concen: 233.304 ug/l
RT: 4.73 min Scan# 920
Delta R.T. 0.00 min
Lab File: VN059776.D
Acq: 20 Jan 2020 10:05

Instrument :
MSVOA_N
ClientSampled :

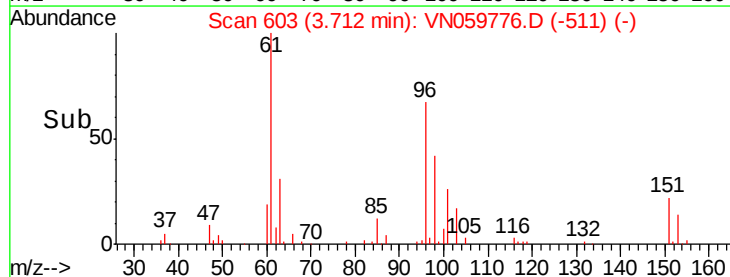
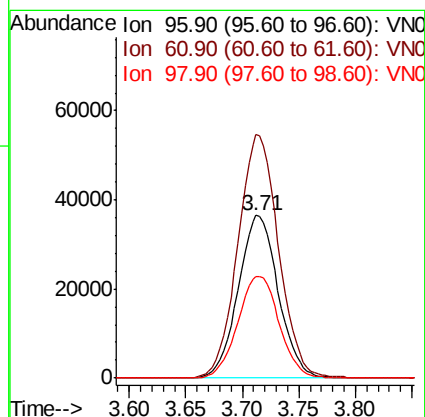
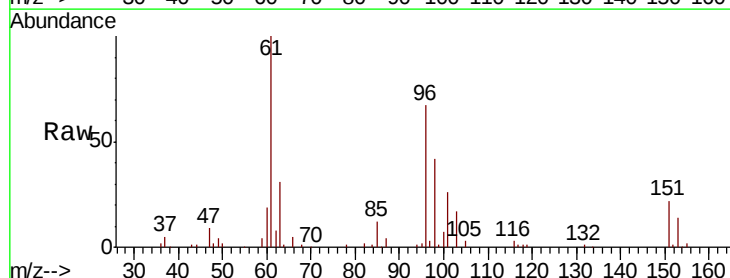
Tot Ion: 59 Resp: 86425
Ion Ratio Lower Upper
59 100
57 4.7 8.6 12.8#

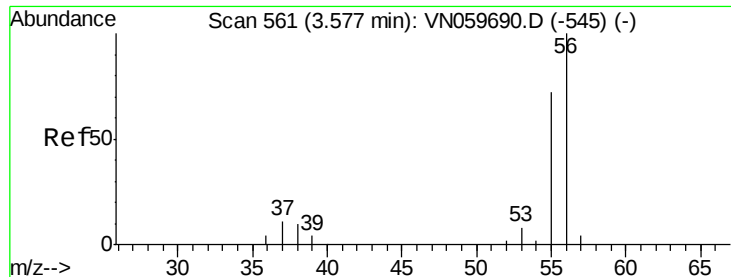


#12

1,1-Dichloroethene
Concen: 49.549 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN059776.D
Acq: 20 Jan 2020 10:05

Tgt Ion: 96 Resp: 89825
Ion Ratio Lower Upper
96 100
61 149.9 137.5 206.3
98 62.6 50.2 75.4

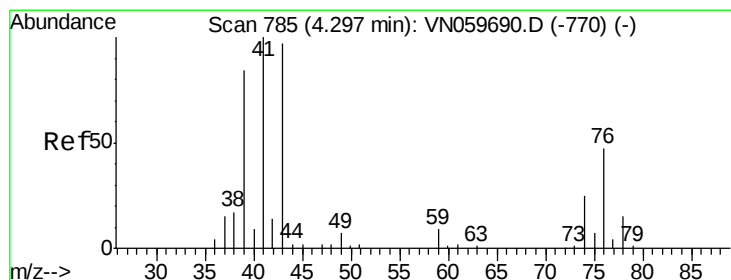
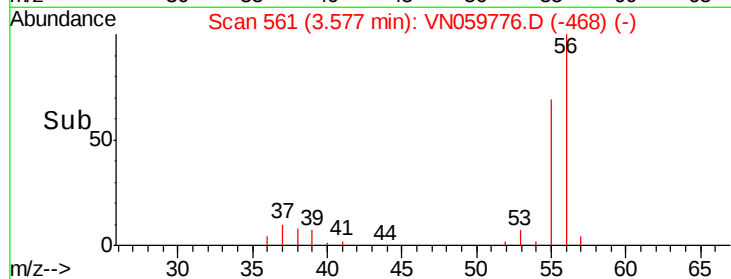
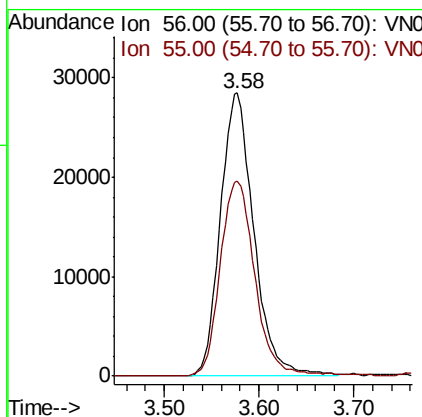
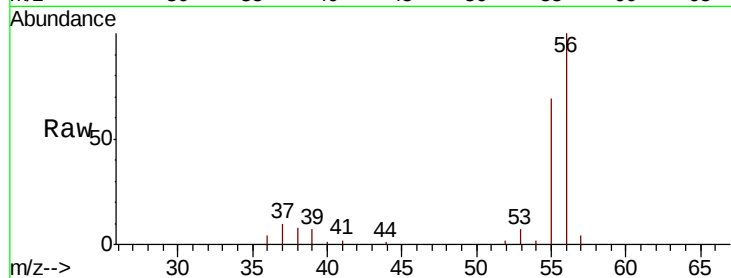




#13
Acrolein
Concen: 267.242 ug/l
RT: 3.58 min Scan# 561
Delta R.T. 0.00 min
Lab File: VN059776.D
Acq: 20 Jan 2020 10:05

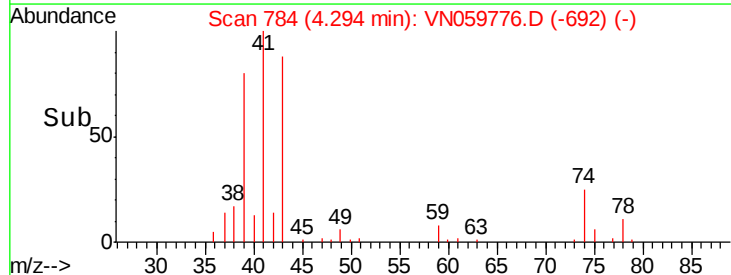
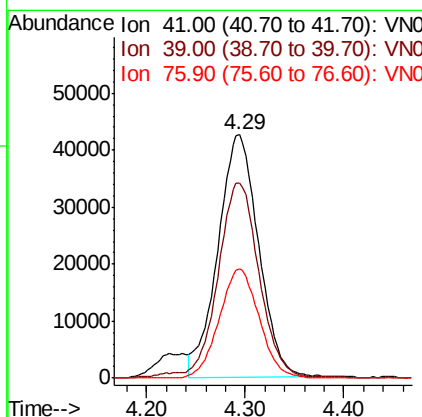
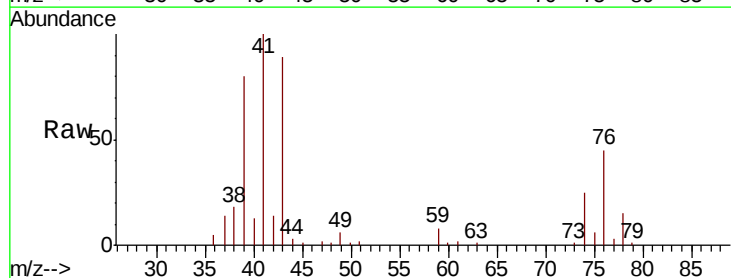
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 70078
Ion Ratio Lower Upper
56 100
55 70.9 58.6 88.0



#14
Allyl chloride
Concen: 50.135 ug/l
RT: 4.29 min Scan# 784
Delta R.T. -0.00 min
Lab File: VN059776.D
Acq: 20 Jan 2020 10:05

Tgt Ion: 41 Resp: 122504
Ion Ratio Lower Upper
41 100
39 82.3 57.8 86.8
76 44.2 25.4 38.0#





#15

Acrylonitrile

Concen: 244.454 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

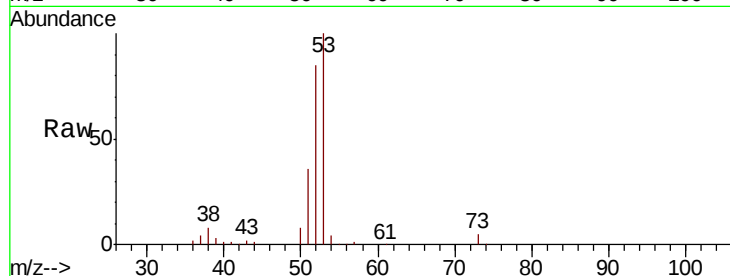
Lab File: VN059776.D

Acq: 20 Jan 2020 10:05

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 53 Resp: 206564

Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.3	99.5
51	37.0	29.7	44.5

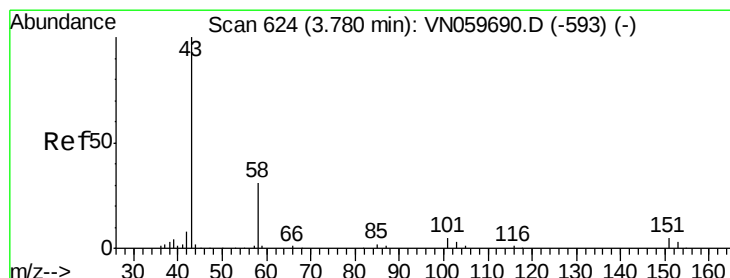
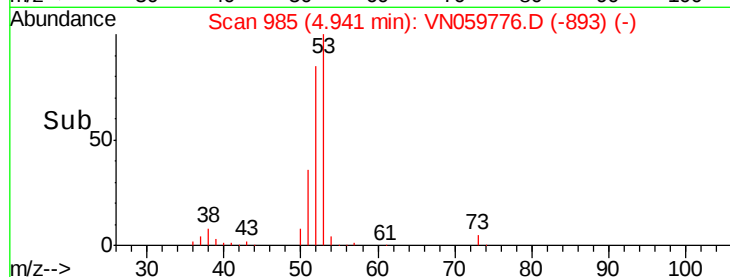
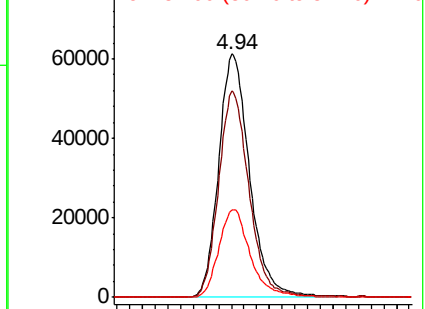


Abundance

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: 306.285 ug/l

RT: 3.78 min Scan# 624

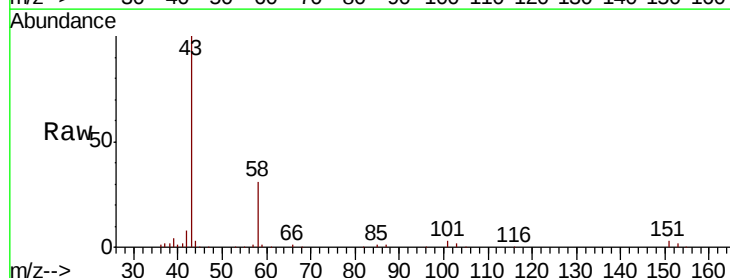
Delta R.T. 0.00 min

Lab File: VN059776.D

Acq: 20 Jan 2020 10:05

Tgt Ion: 43 Resp: 228182

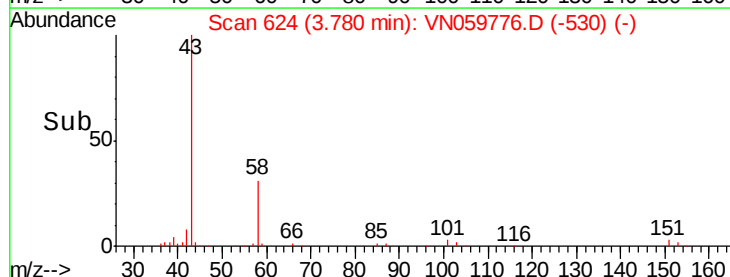
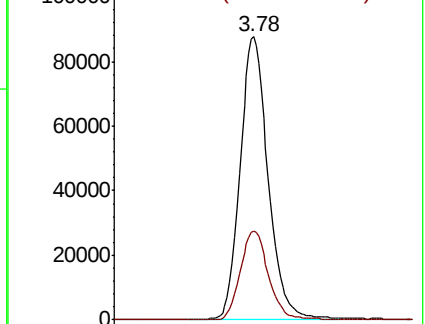
Ion	Ratio	Lower	Upper
43	100		
58	31.4	23.6	35.4

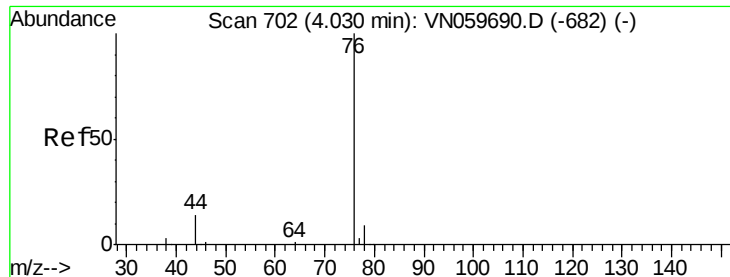


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

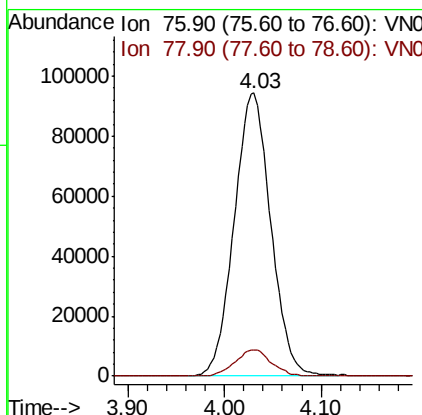
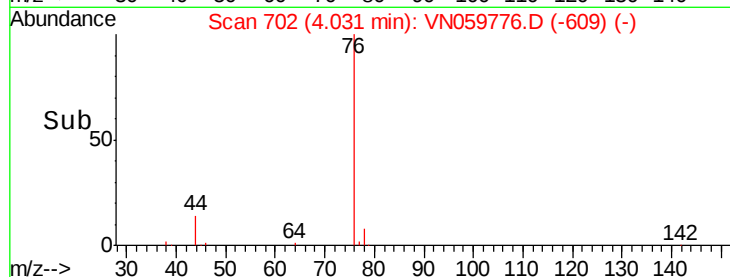
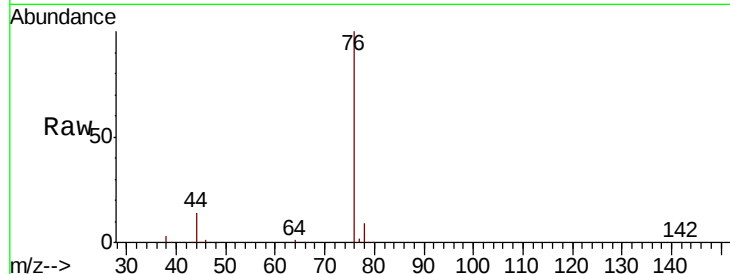




#17
Carbon Disulfide
Concen: 48.084 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059776.D
Acq: 20 Jan 2020 10:05

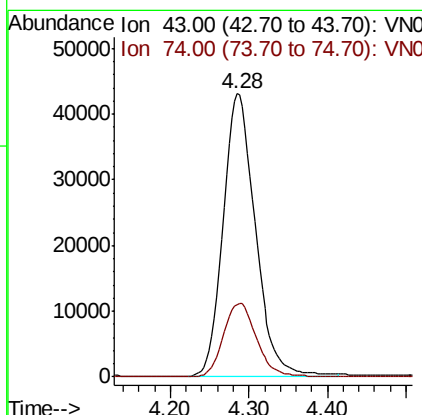
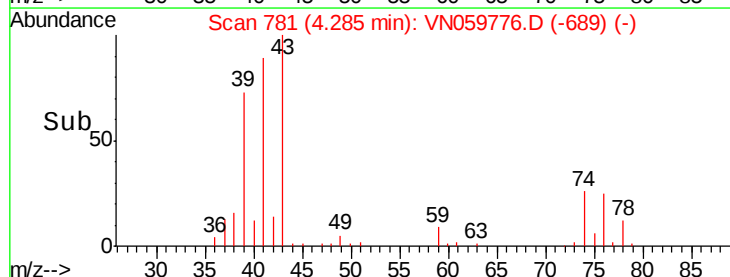
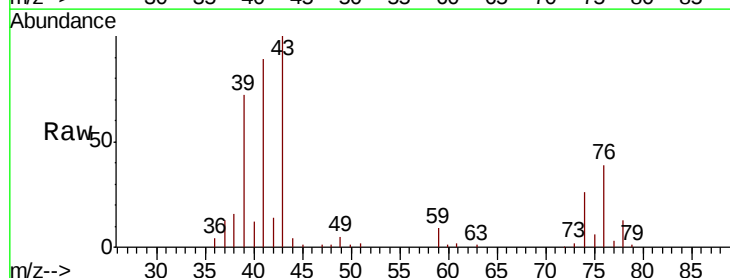
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 76 Resp: 248316
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 47.849 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN059776.D
Acq: 20 Jan 2020 10:05

Tgt Ion: 43 Resp: 122988
Ion Ratio Lower Upper
43 100
74 26.5 17.5 26.3#

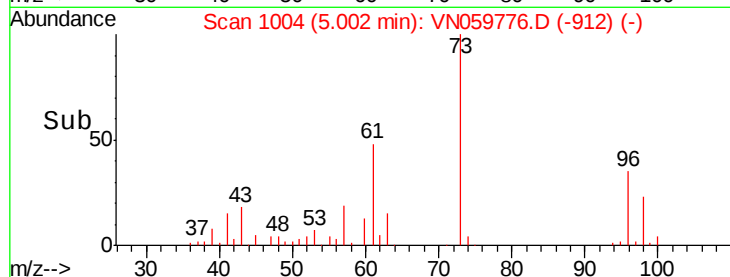
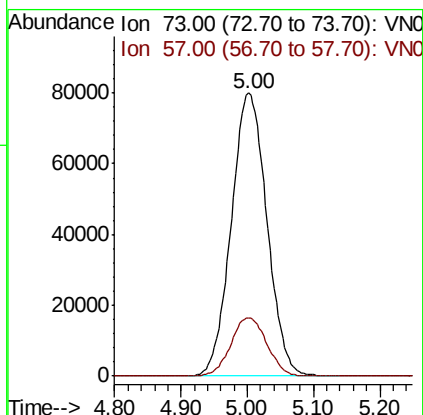
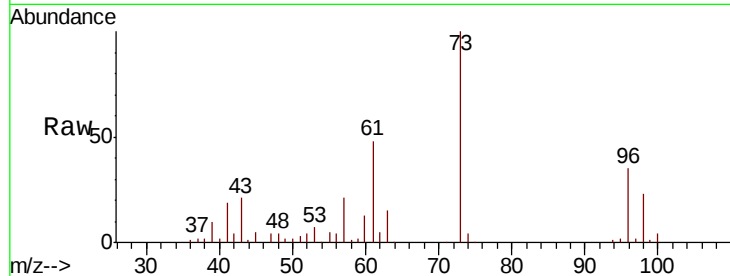




#19
Methvl tert-butvl Ether
Concen: 50.518 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN059776.D
Acq: 20 Jan 2020 10:05

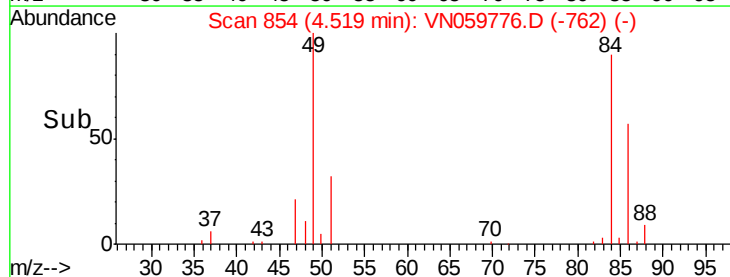
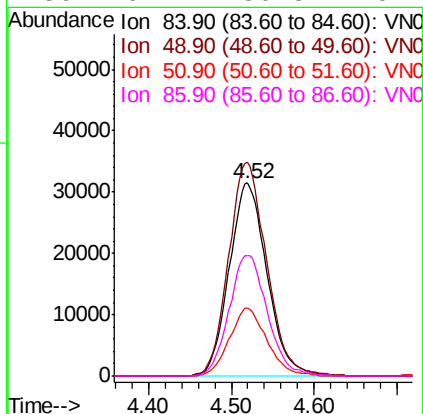
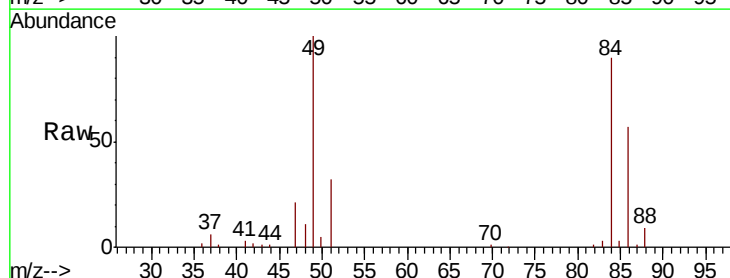
Instrument :
MSVOA_N
ClientSampleId :

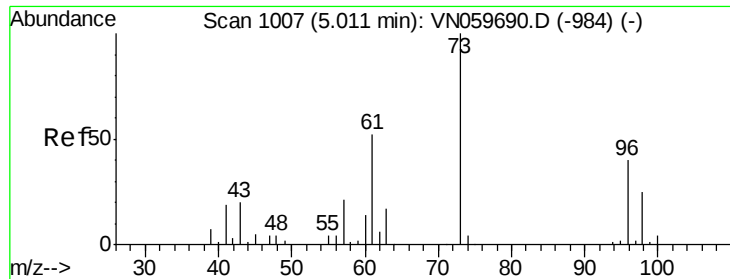
Tot Ion: 73 Resp: 298596
Ion Ratio Lower Upper
73 100
57 20.5 18.6 27.8



#20
Methylene Chloride
Concen: 50.114 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059776.D
Acq: 20 Jan 2020 10:05

Tgt Ion: 84 Resp: 99764
Ion Ratio Lower Upper
84 100
49 110.8 106.6 160.0
51 35.5 31.9 47.9
86 62.7 50.8 76.2

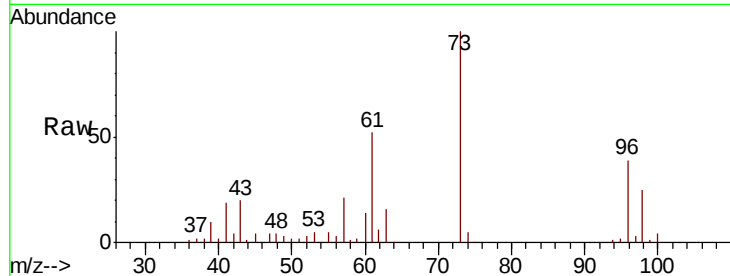




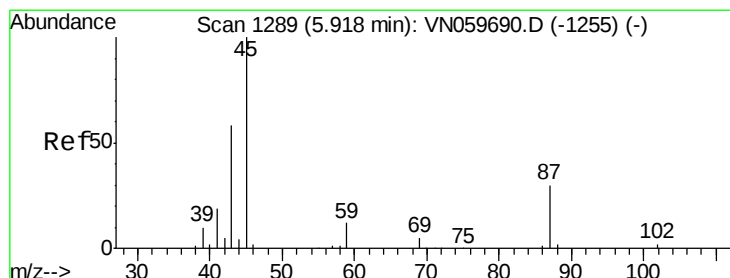
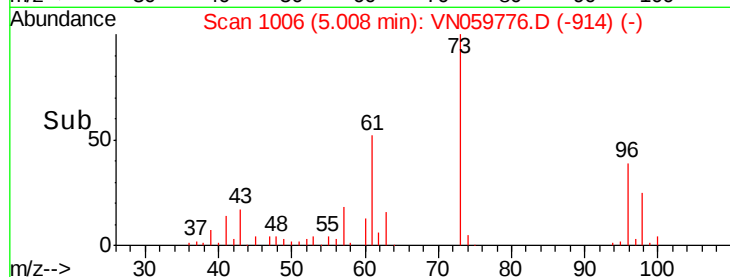
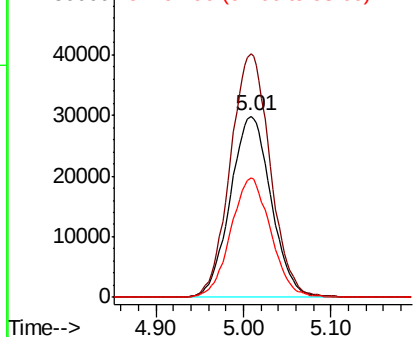
#21
trans-1,2-Dichloroethene
Concen: 50.181 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN059776.D
Acq: 20 Jan 2020 10:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 96701
Ion Ratio Lower Upper
96 100
61 134.3 120.4 180.6
98 65.9 50.6 75.8

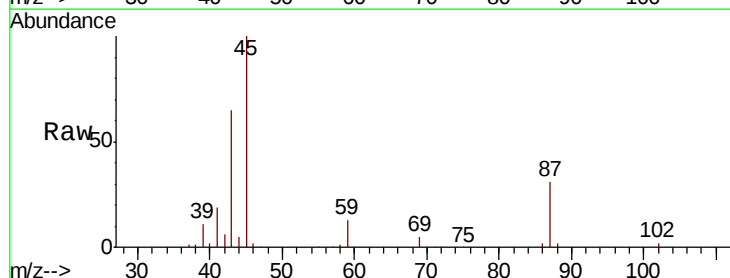


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

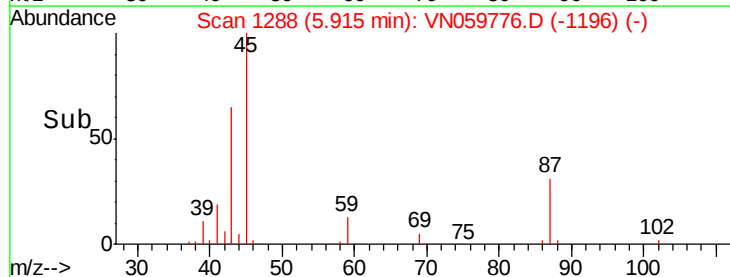
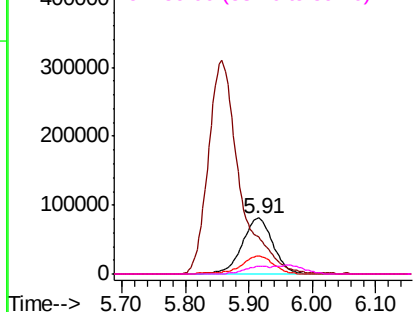


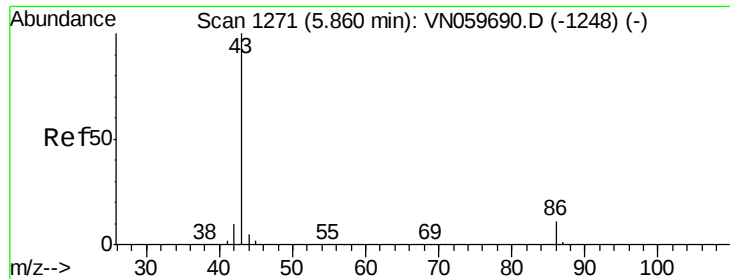
#22
Diisopropyl ether
Concen: 49.467 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN059776.D
Acq: 20 Jan 2020 10:05

Tgt Ion: 45 Resp: 273922
Ion Ratio Lower Upper
45 100
43 64.3 50.8 76.2
87 31.4 21.0 31.6
59 12.7 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

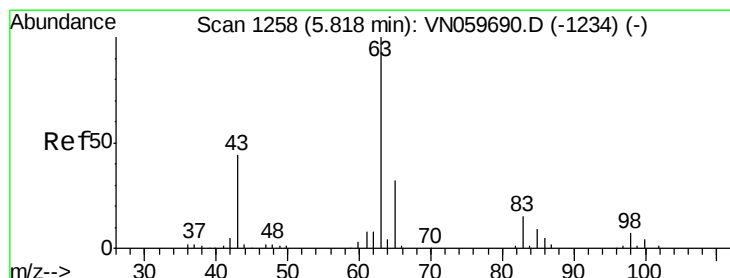
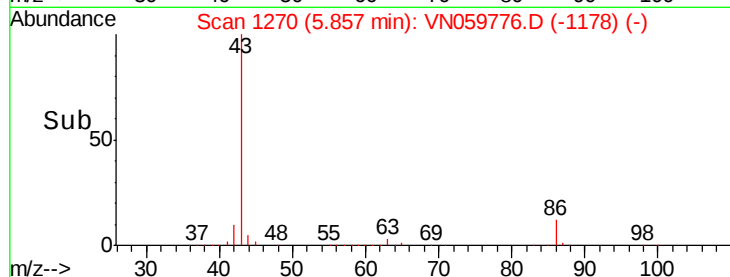
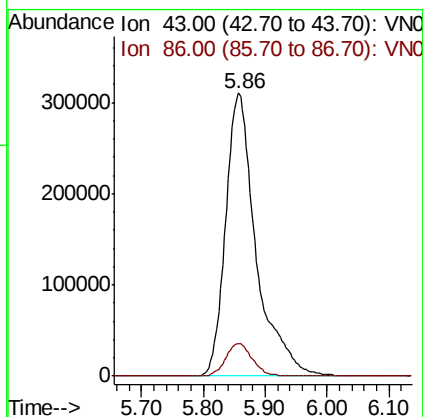
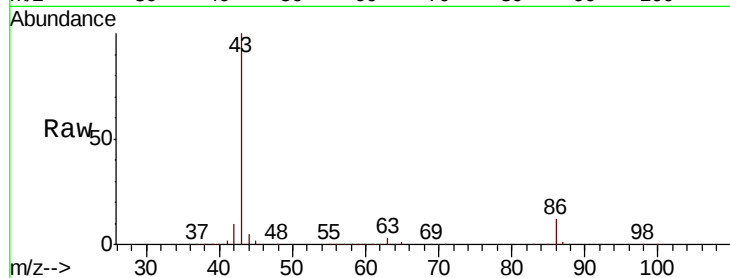




#23
 Vinyl Acetate
 Concen: 247.957 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN059776.D
 Acq: 20 Jan 2020 10:05

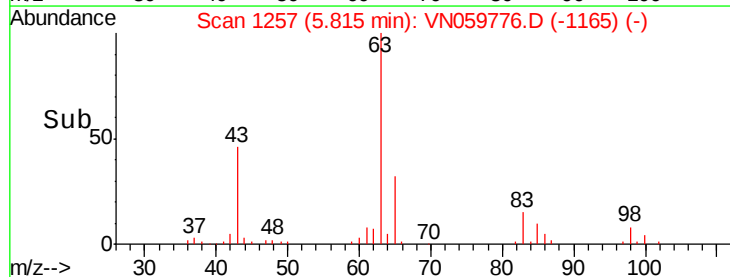
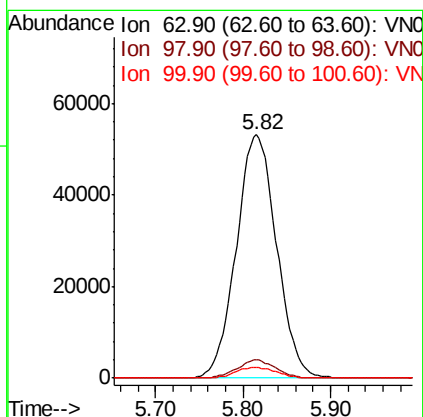
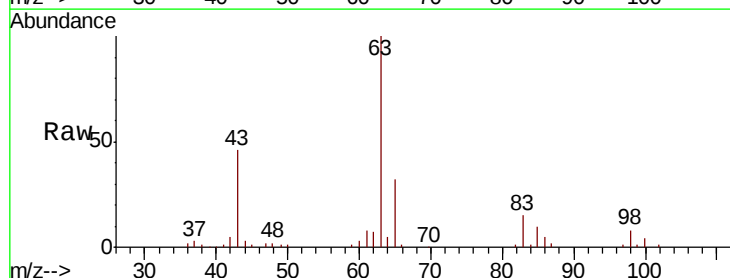
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 43 Resp: 1063071
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.6 11.4#



#24
 1,1-Dichloroethane
 Concen: 50.178 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN059776.D
 Acq: 20 Jan 2020 10:05

Tgt Ion: 63 Resp: 169777
 Ion Ratio Lower Upper
 63 100
 98 7.6 2.9 8.7
 100 4.4 2.0 6.0

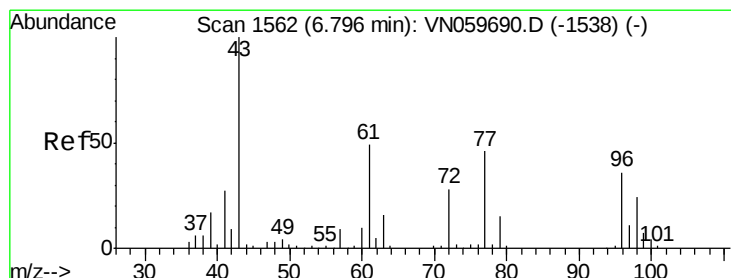
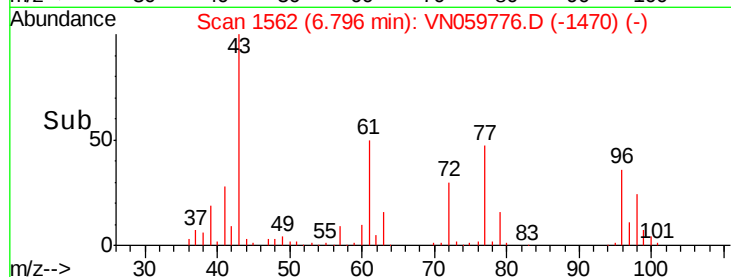
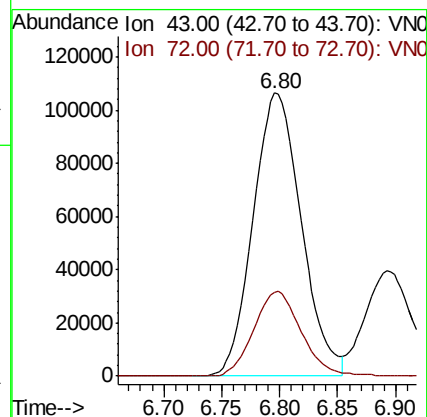
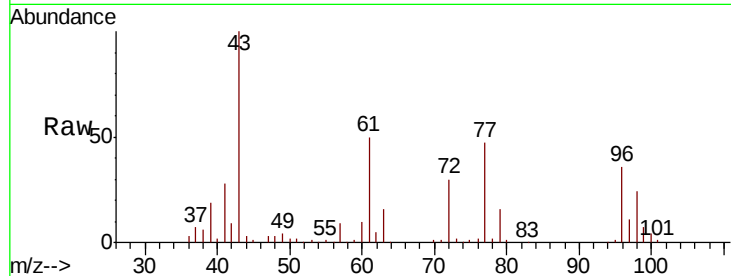




#25
2-Butanone
Concen: 246.875 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN059776.D
Acq: 20 Jan 2020 10:05

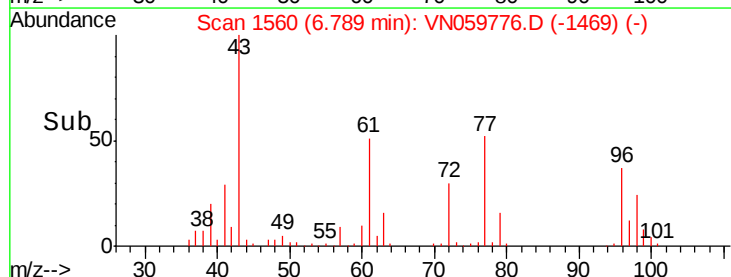
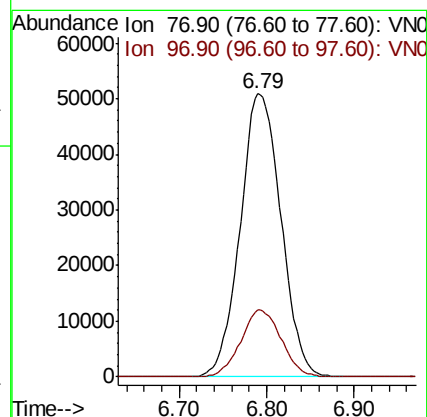
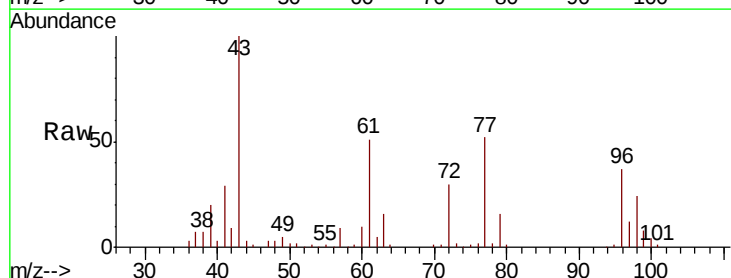
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 307636
Ion Ratio Lower Upper
43 100
72 29.7 19.9 29.9



#26
2,2-Dichloropropane
Concen: 50.406 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. -0.01 min
Lab File: VN059776.D
Acq: 20 Jan 2020 10:05

Tgt Ion: 77 Resp: 163963
Ion Ratio Lower Upper
77 100
97 23.4 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 50.560 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059776.D

Acq: 20 Jan 2020 10:05

Instrument :
MSVOA_N
ClientSampleId :

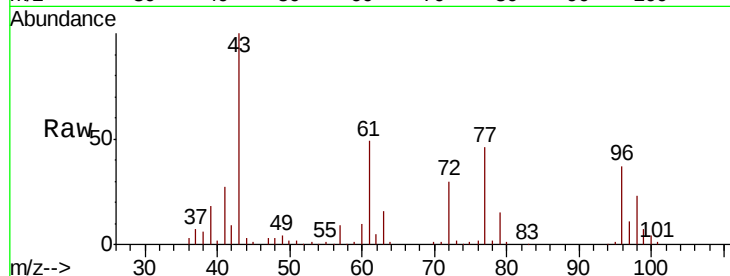
Tot Ion: 96 Resp: 112062

Ion Ratio Lower Upper

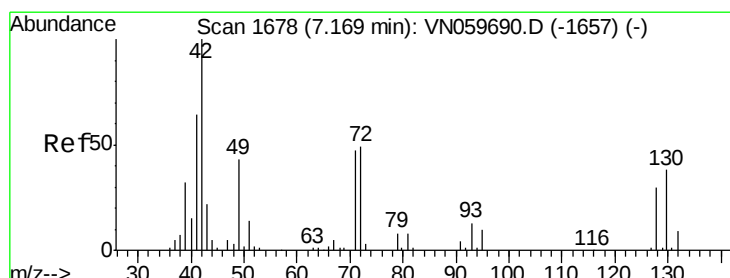
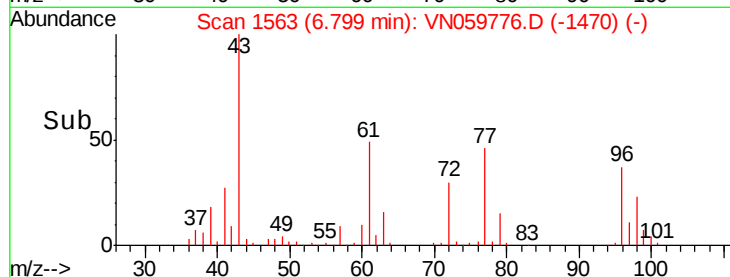
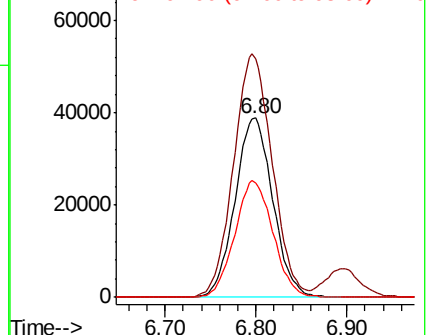
96 100

61 138.9 0.0 317.6

98 65.8 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: 45.059 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN059776.D

Acq: 20 Jan 2020 10:05

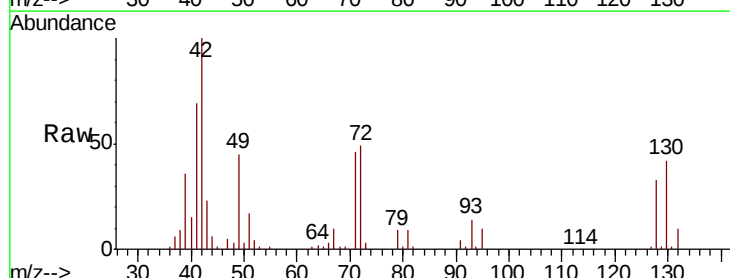
Tgt Ion: 49 Resp: 60935

Ion Ratio Lower Upper

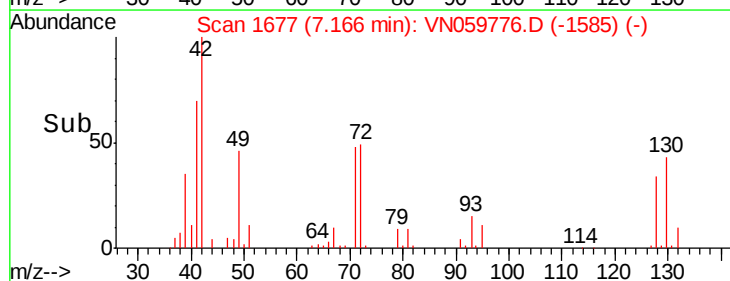
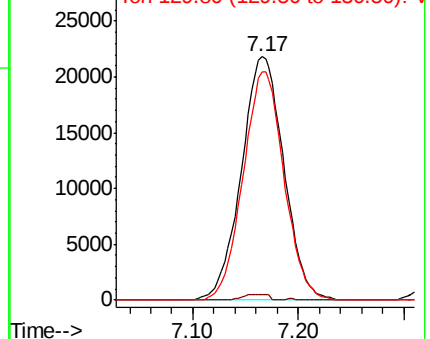
49 100

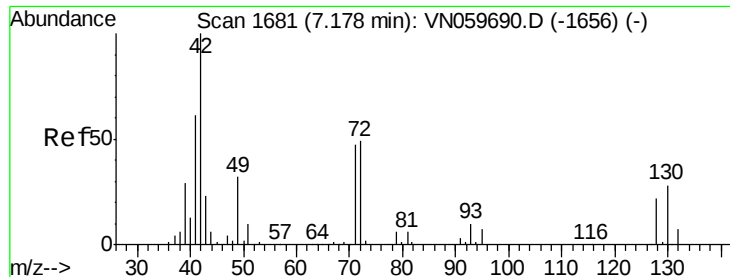
129 1.5 0.0 3.4

130 90.4 54.7 82.1#



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

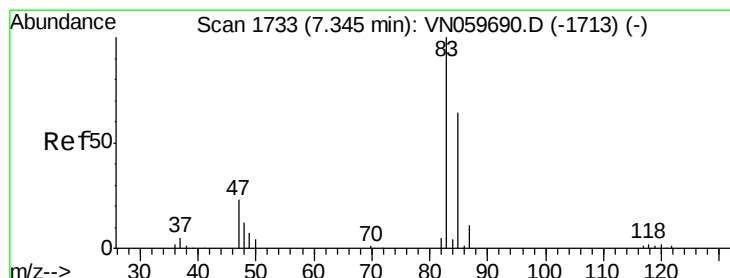
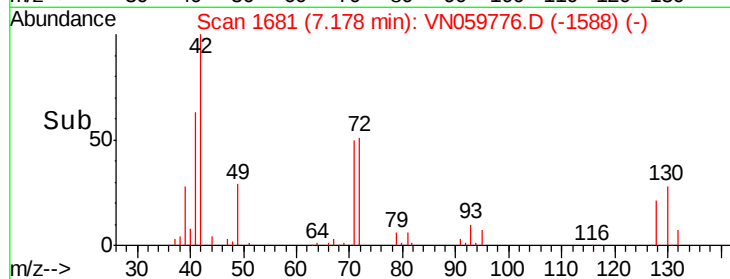
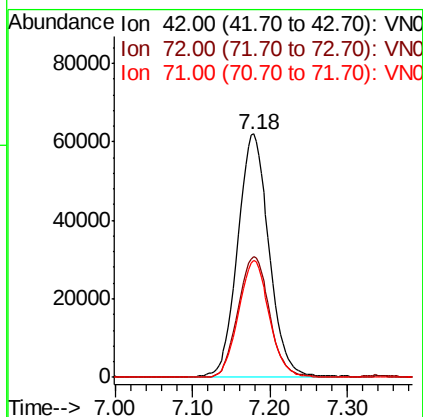
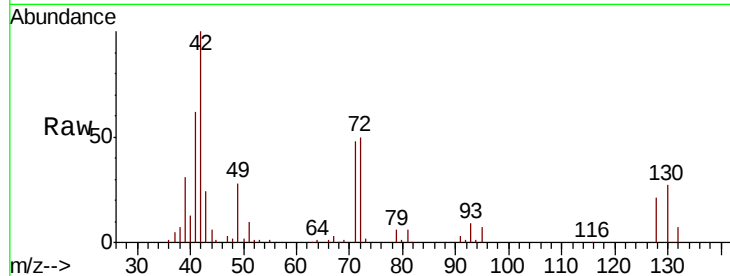




#29
Tetrahydrofuran
Concen: 227.308 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN059776.D
Acq: 20 Jan 2020 10:05

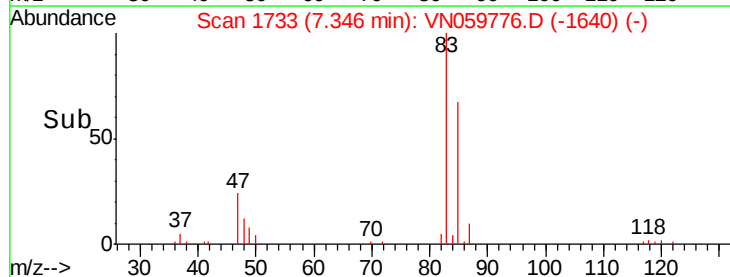
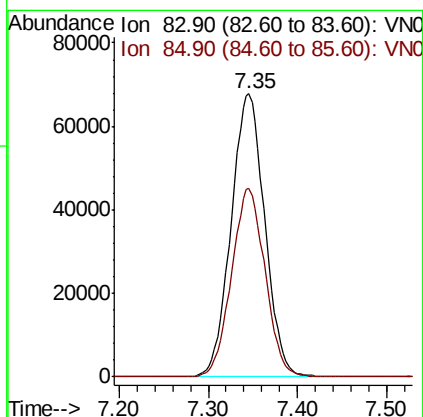
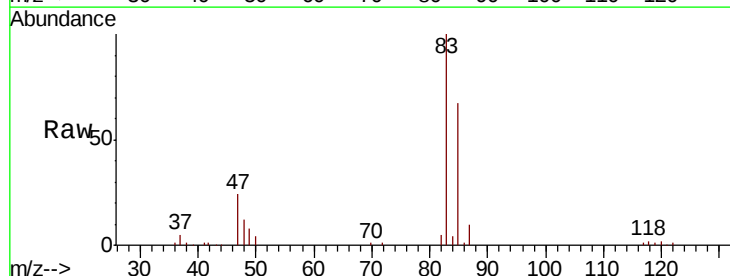
Instrument :
MSVOA_N
ClientSampled :

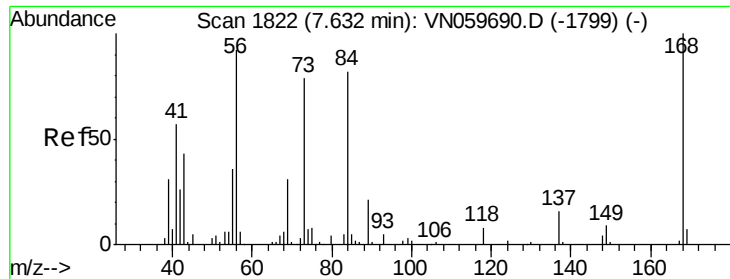
Tot Ion: 42 Resp: 175254
Ion Ratio Lower Upper
42 100
72 49.7 33.1 49.7#
71 47.1 31.4 47.0#



#30
Chloroform
Concen: 50.582 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059776.D
Acq: 20 Jan 2020 10:05

Tgt Ion: 83 Resp: 177326
Ion Ratio Lower Upper
83 100
85 66.5 52.4 78.6

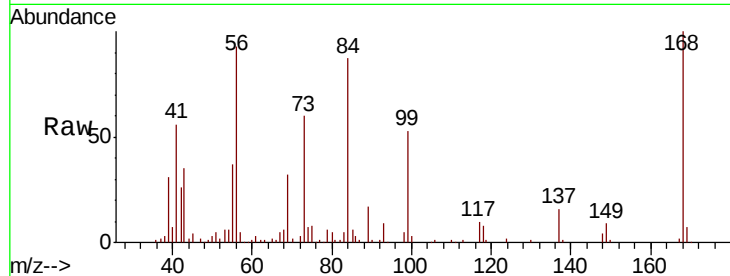




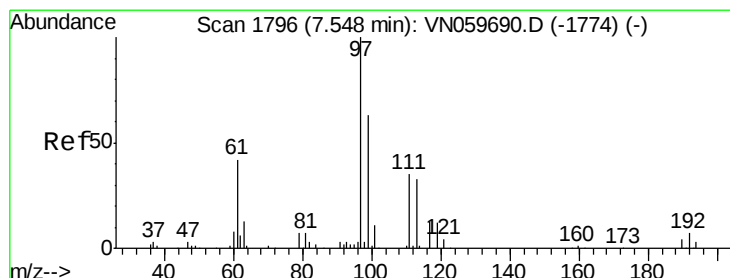
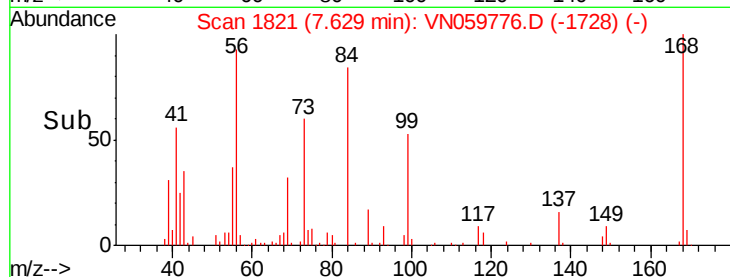
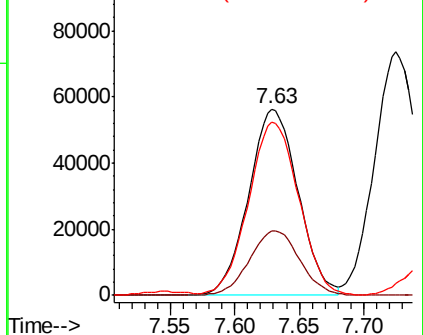
#31
Cyclohexane
Concen: 46.219 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VN059776.D
Acq: 20 Jan 2020 10:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 150478
Ion Ratio Lower Upper
56 100
69 34.8 26.5 39.7
84 91.9 65.3 97.9

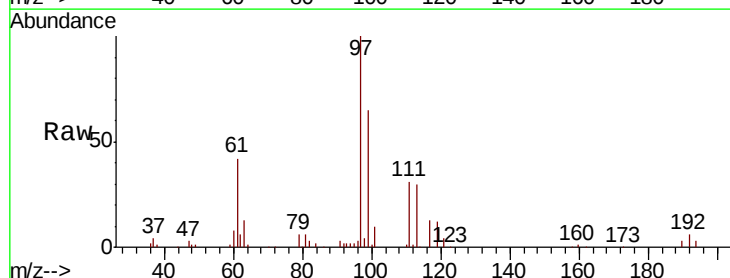


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

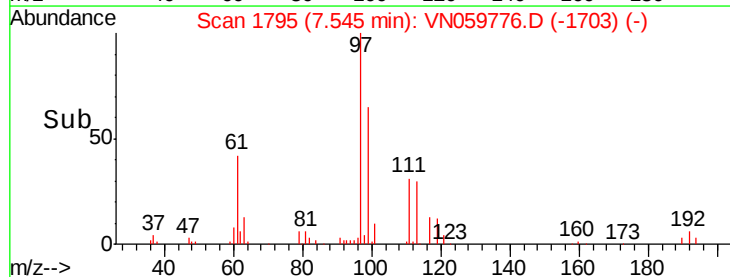
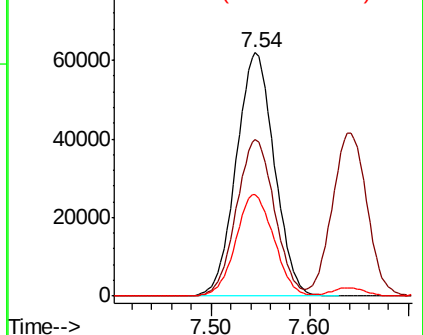


#32
1,1,1-Trichloroethane
Concen: 51.161 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN059776.D
Acq: 20 Jan 2020 10:05

Tgt Ion: 97 Resp: 165834
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.4
61 41.8 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

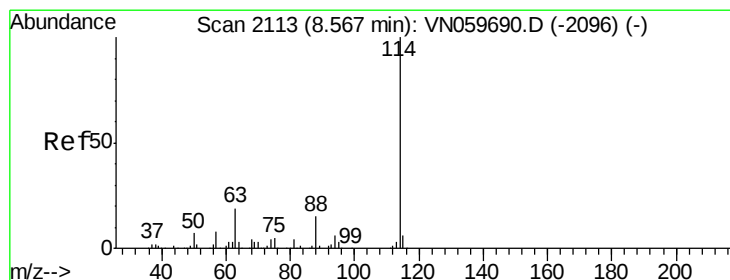
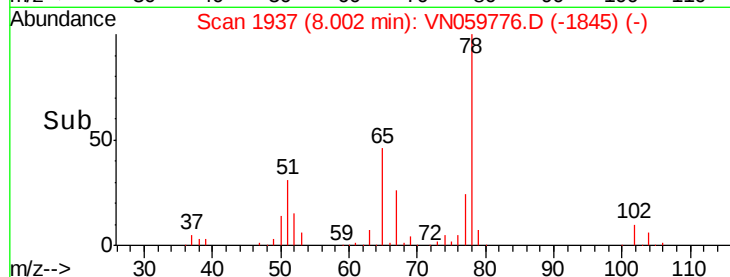
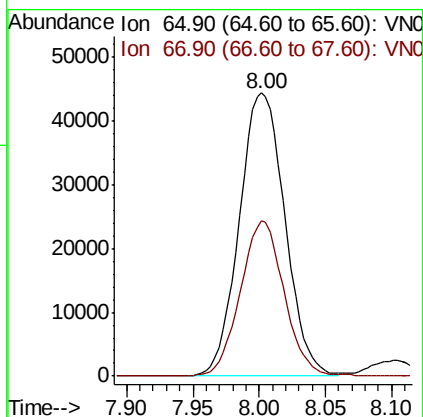
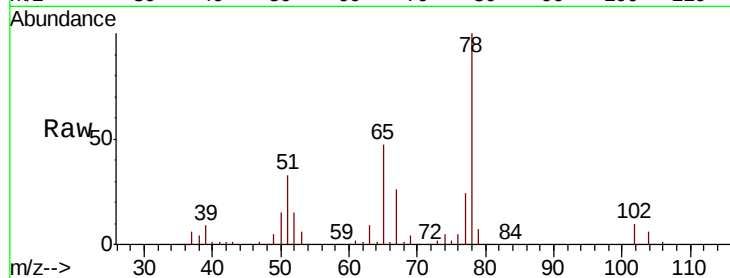




#33
 1,2-Dichloroethane-d4
 Concen: 48.275 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059776.D
 Acq: 20 Jan 2020 10:05

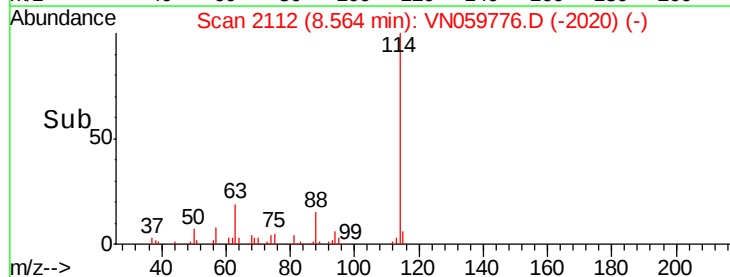
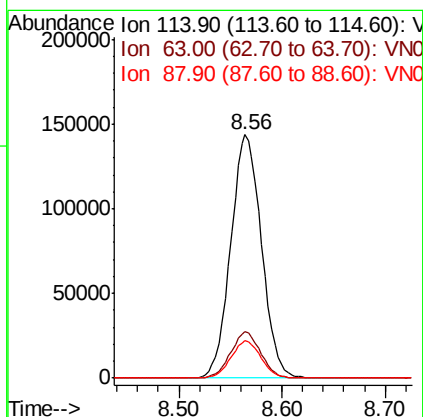
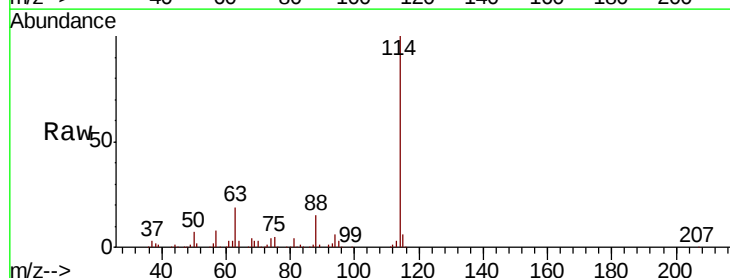
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 65 Resp: 106228
 Ion Ratio Lower Upper
 65 100
 67 52.5 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: VN059776.D
 Acq: 20 Jan 2020 10:05

Tgt Ion: 114 Resp: 298330
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 43.6
 88 15.2 0.0 31.4

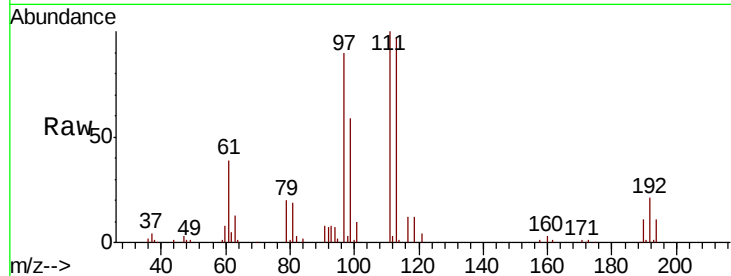




#35
 Dibromofluoromethane
 Concen: 51.362 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059776.D
 Acq: 20 Jan 2020 10:05

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.5	125.3
192	22.0	15.4	23.2

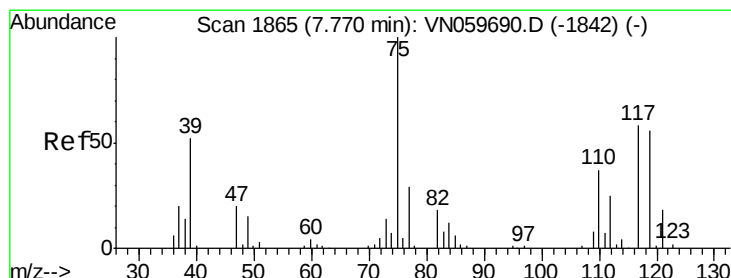
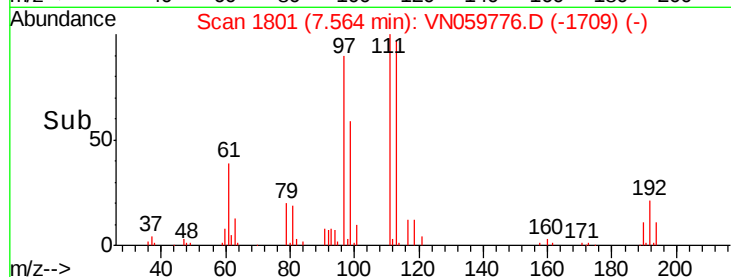
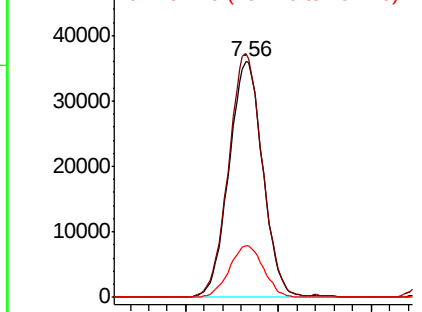


Abundance

Ion 112.80 (112.50 to 113.50): V

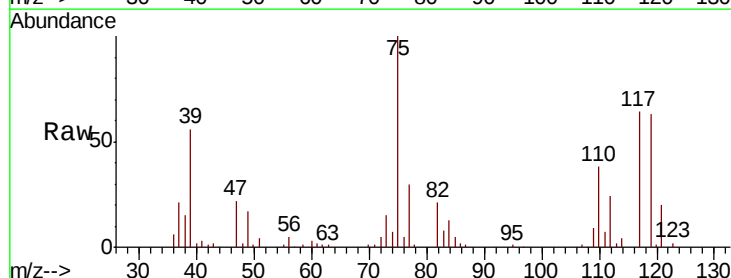
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 51.502 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN059776.D
 Acq: 20 Jan 2020 10:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.0	16.6	49.7
77	30.7	25.1	37.7

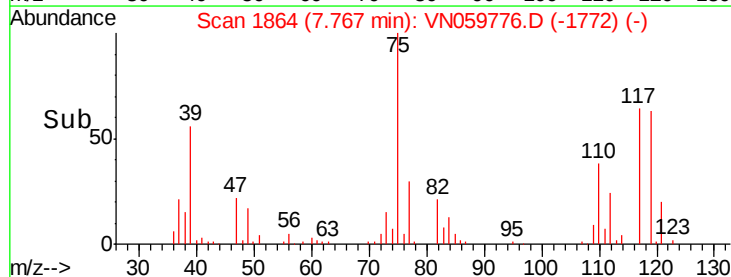
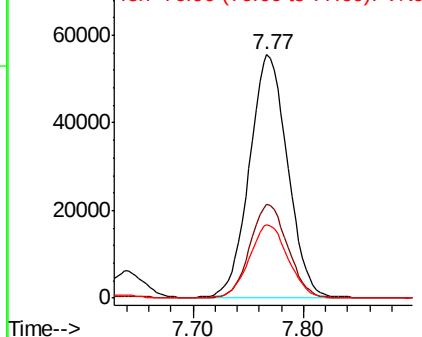


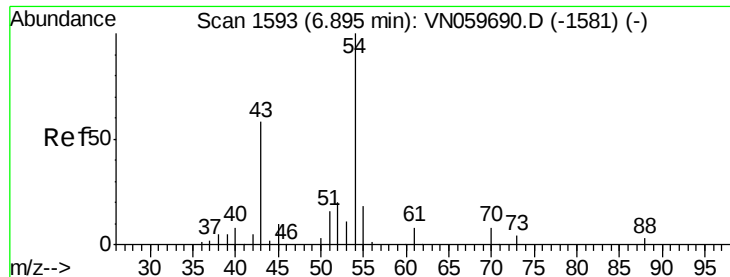
Abundance

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

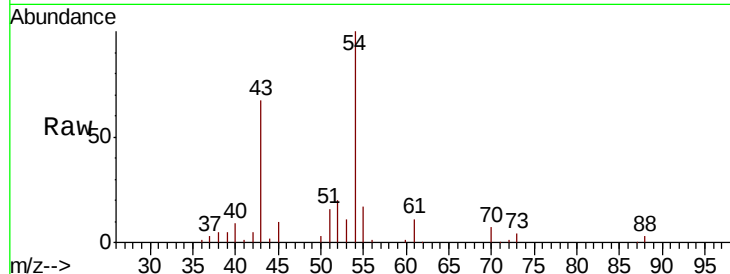




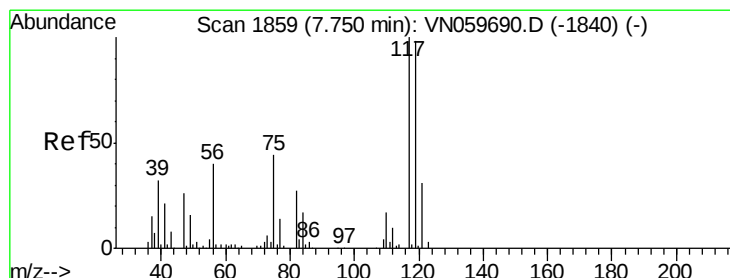
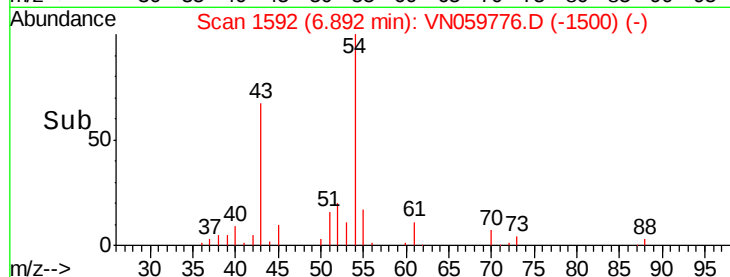
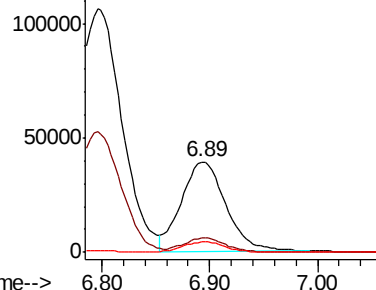
#37
Ethyl Acetate
Concen: 46.369 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN059776.D
Acq: 20 Jan 2020 10:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 112985
Ion Ratio Lower Upper
43 100
61 15.2 10.9 16.3
70 11.2 7.7 11.5

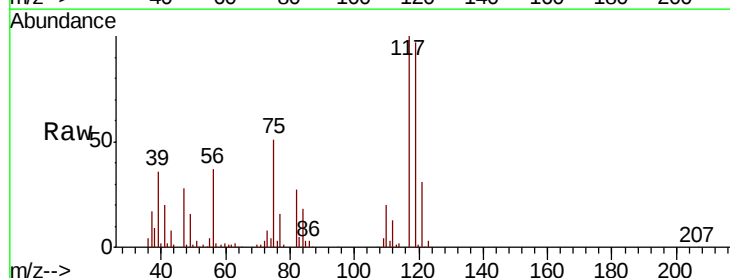


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

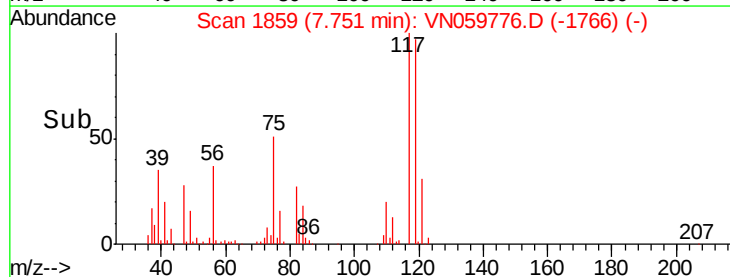
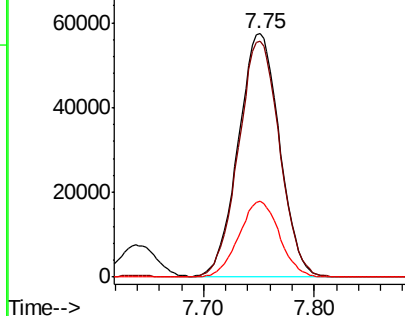


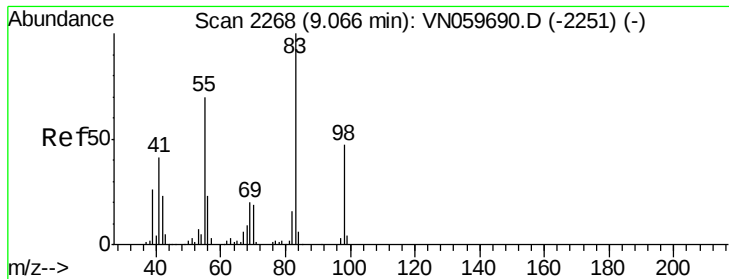
#38
Carbon Tetrachloride
Concen: 52.679 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059776.D
Acq: 20 Jan 2020 10:05

Tgt Ion: 117 Resp: 148874
Ion Ratio Lower Upper
117 100
119 96.9 76.5 114.7
121 31.1 25.1 37.7



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

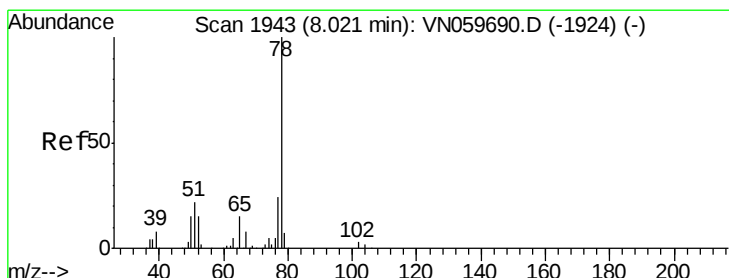
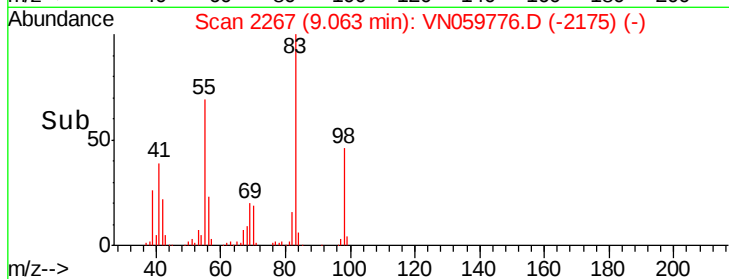
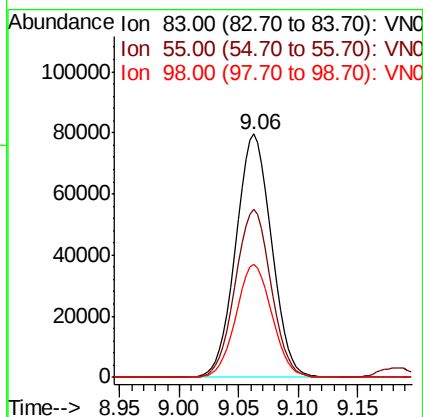
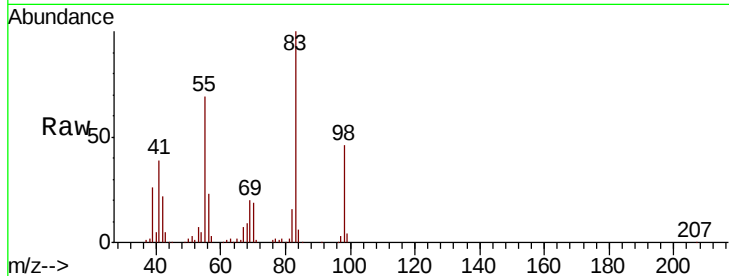




#39
Methvlcvclohexane
Concen: 51.765 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059776.D
Acq: 20 Jan 2020 10:05

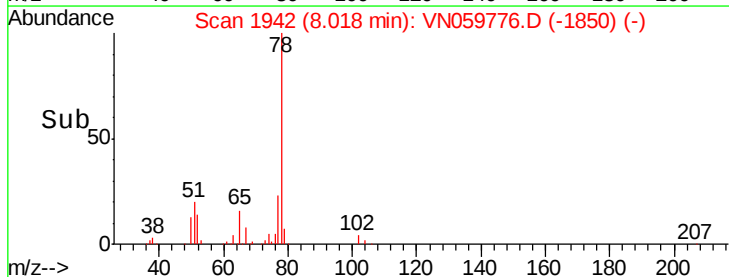
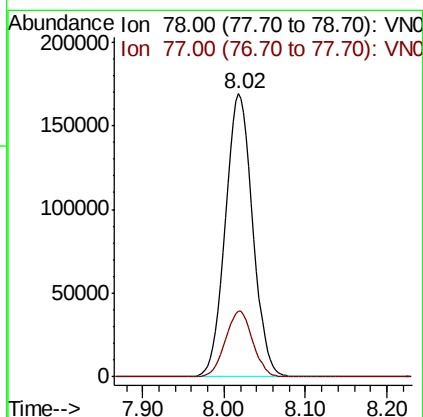
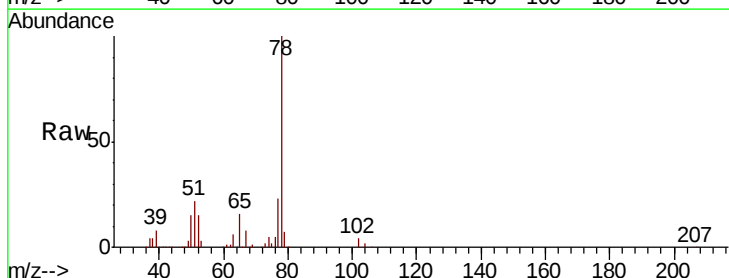
Instrument :
MSVOA_N
ClientSampled :

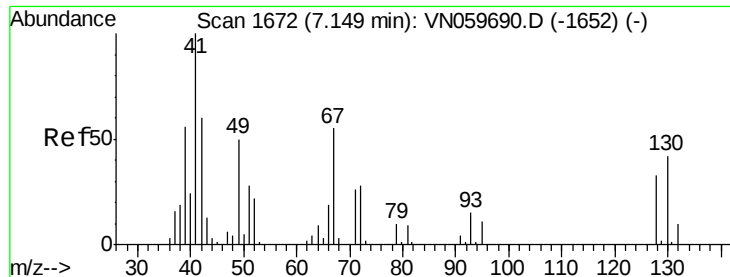
Tot Ion	83	Resp	165822
Ion	Ratio	Lower	Upper
83	100		
55	68.8	64.2	96.2
98	46.3	35.9	53.9



#40
Benzene
Concen: 51.399 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059776.D
Acq: 20 Jan 2020 10:05

Tgt Ion	78	Resp	398245
Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.9	28.3

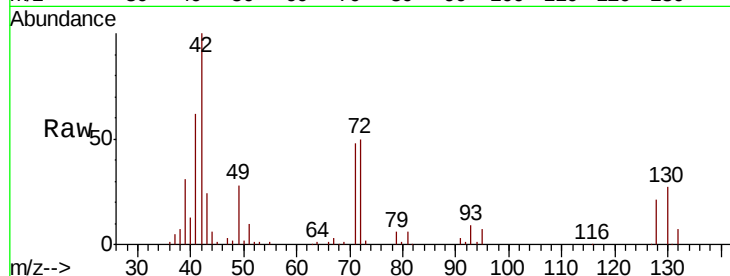




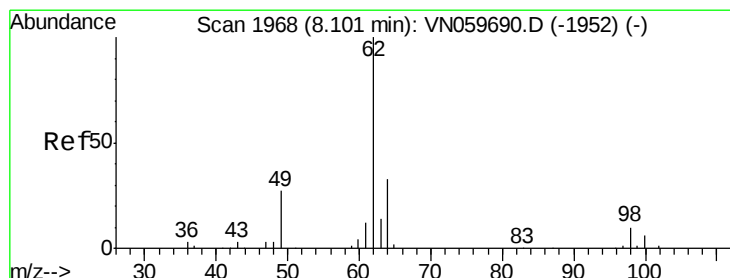
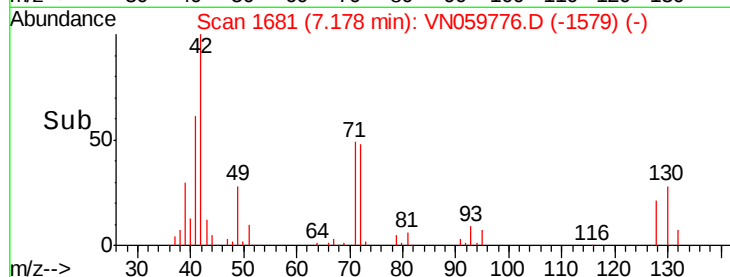
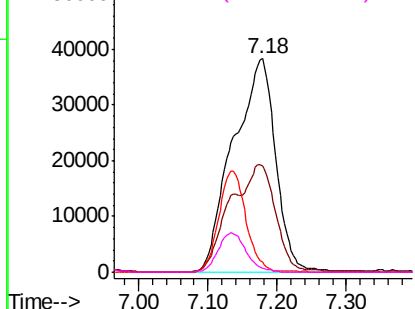
#41
Methacrylonitrile
Concen: 135.942 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN059776.D
Acq: 20 Jan 2020 10:05

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	41	Resp:	163157
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

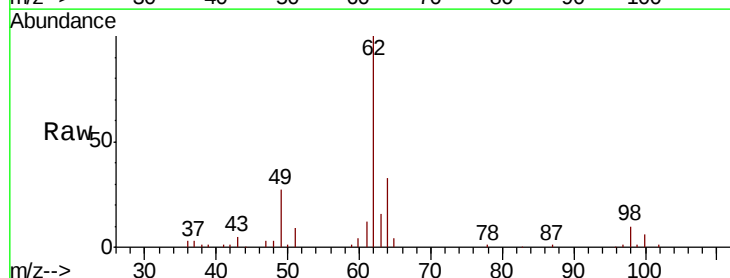


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

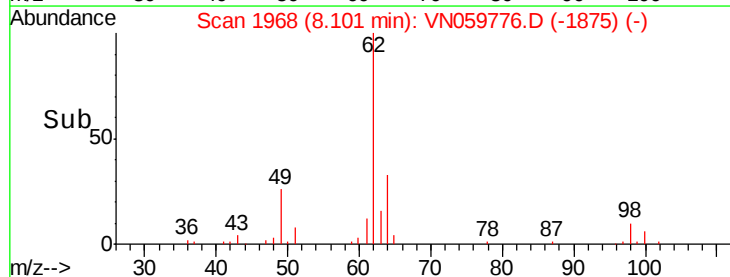
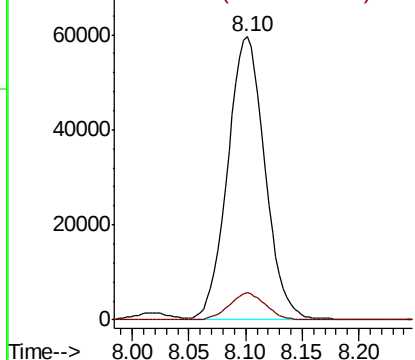


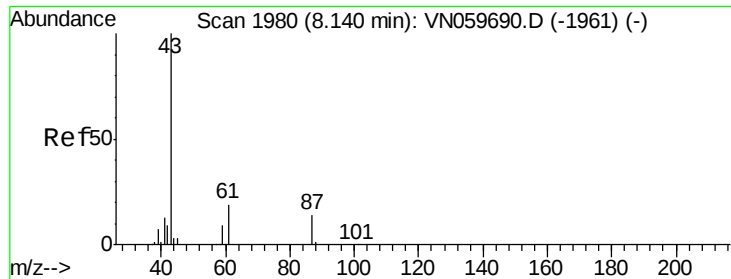
#42
1,2-Dichloroethane
Concen: 52.072 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059776.D
Acq: 20 Jan 2020 10:05

Tgt Ion:	62	Resp:	136793
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	15.8



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





#43

Isopropyl Acetate

Concen: 47.774 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN059776.D

Acq: 20 Jan 2020 10:05

Instrument :

MSVOA_N

ClientSampleId :

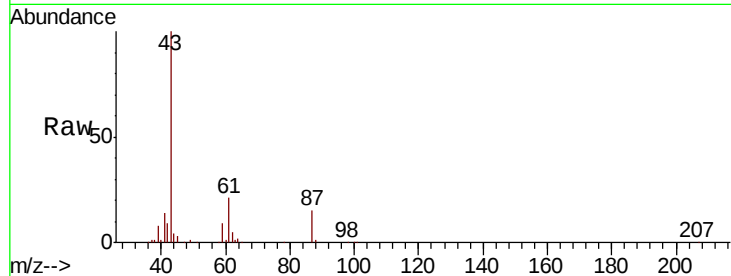
Tot Ion: 43 Resp: 200229

Ion Ratio Lower Upper

43 100

61 27.9 20.2 30.2

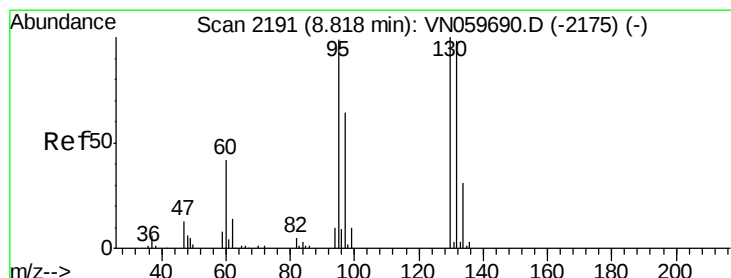
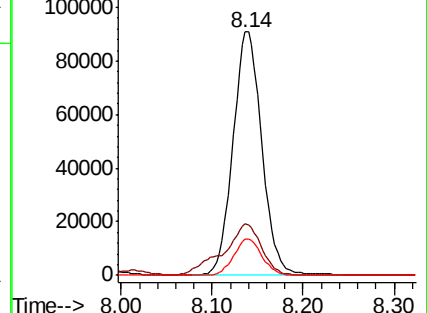
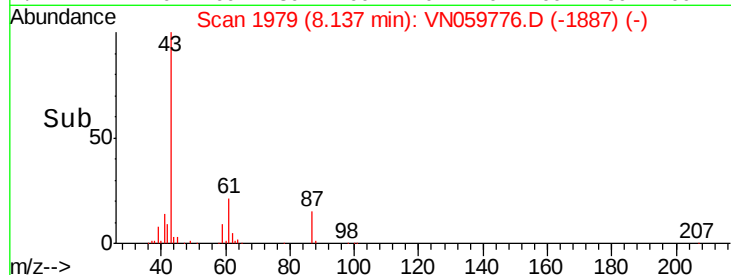
87 14.6 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059776.D (-1987) (-)

Ion 61.00 (60.70 to 61.70): VN059776.D (-1987) (-)

Ion 87.00 (86.70 to 87.70): VN059776.D (-1987) (-)



#44

Trichloroethene

Concen: 54.713 ug/l

RT: 8.82 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN059776.D

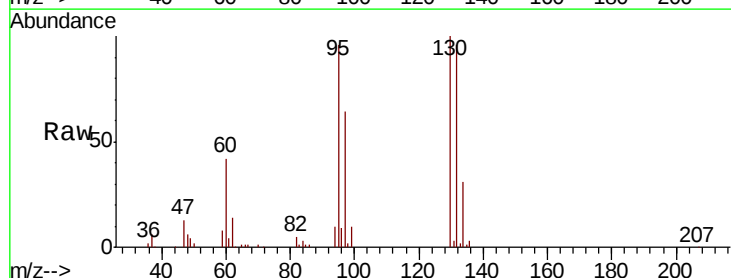
Acq: 20 Jan 2020 10:05

Tgt Ion:130 Resp: 115727

Ion Ratio Lower Upper

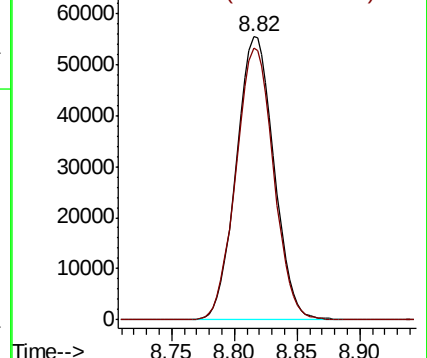
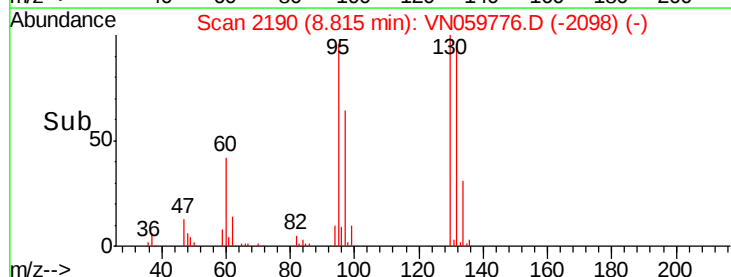
130 100

95 96.1 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059776.D (-2098) (-)

Ion 94.90 (94.60 to 95.60): VN059776.D (-2098) (-)

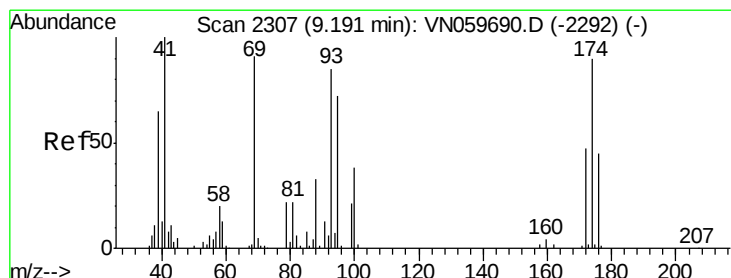
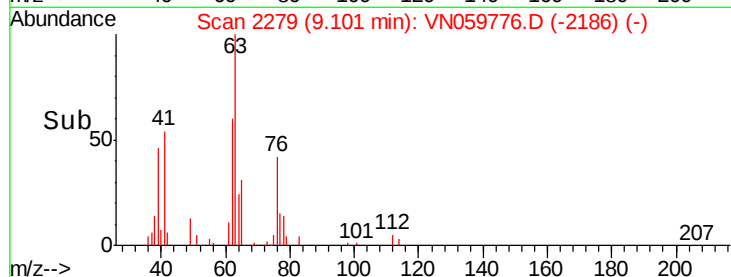
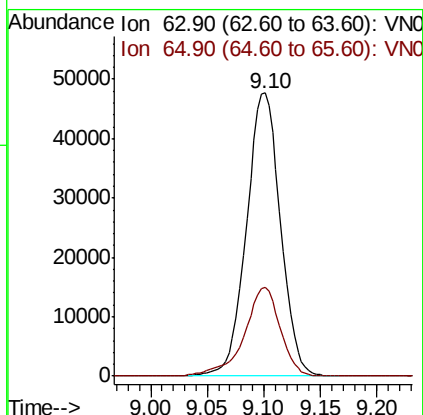
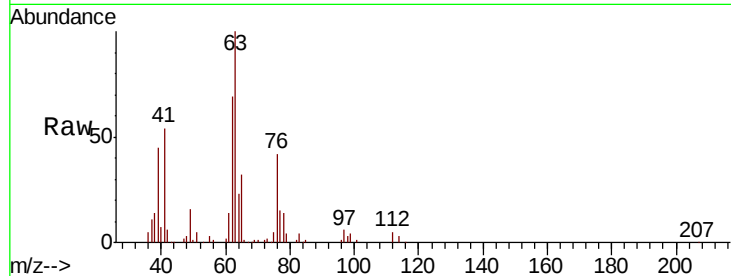




#45
 1,2-Dichloropropane
 Concen: 51.993 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN059776.D
 Acq: 20 Jan 2020 10:05

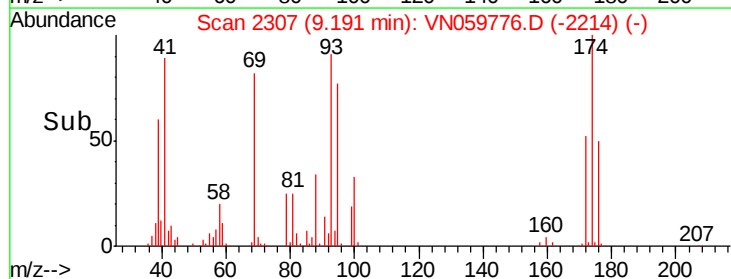
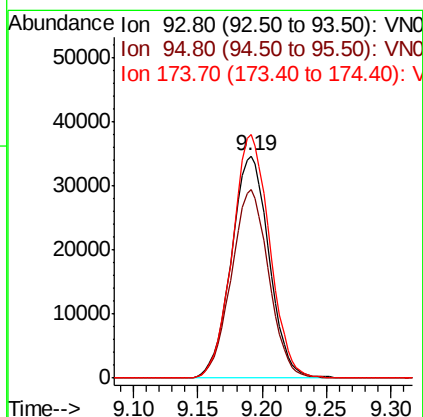
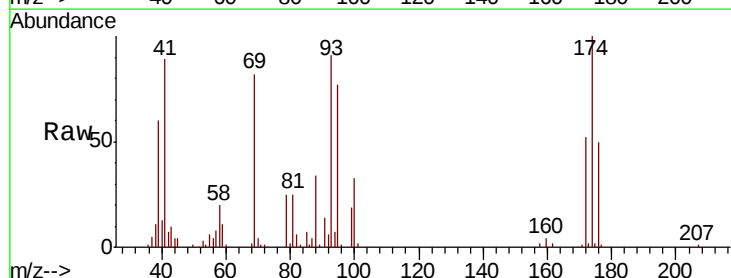
Instrument :
 MSVOA_N
 ClientSampled :

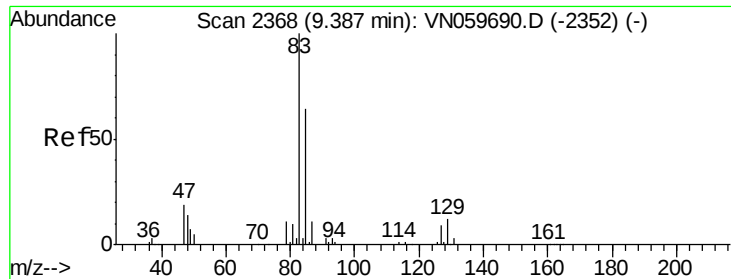
Tot Ion: 63 Resp: 99685
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.9 37.3



#46
 Dibromomethane
 Concen: 52.197 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN059776.D
 Acq: 20 Jan 2020 10:05

Tgt Ion: 93 Resp: 70594
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.0 100.6
 174 108.6 73.4 110.2

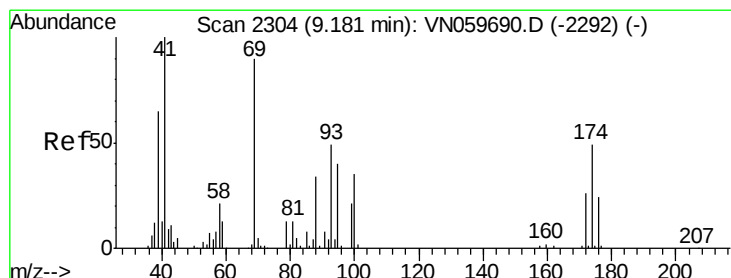
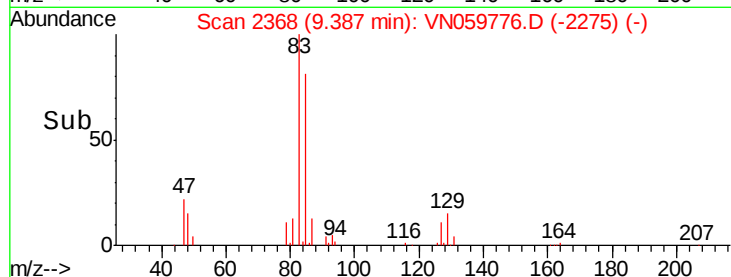
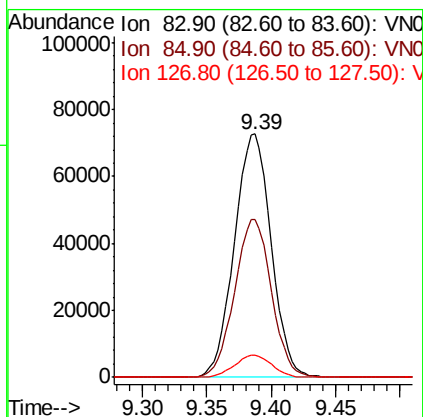
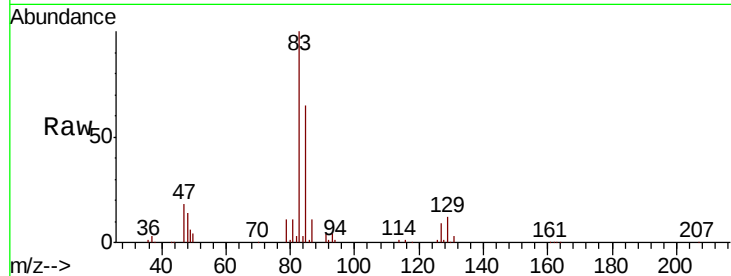




#47
 Bromodichloromethane
 Concen: 53.020 ug/l
 RT: 9.39 min Scan# 2368
 Delta R.T. 0.00 min
 Lab File: VN059776.D
 Acq: 20 Jan 2020 10:05

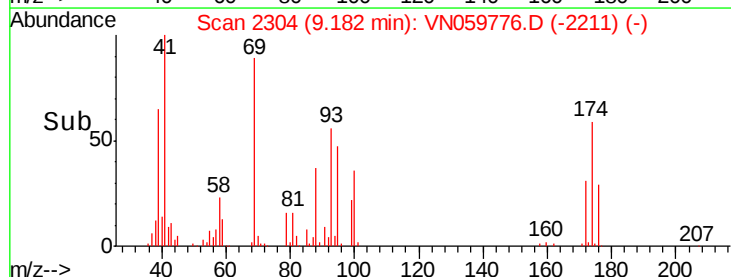
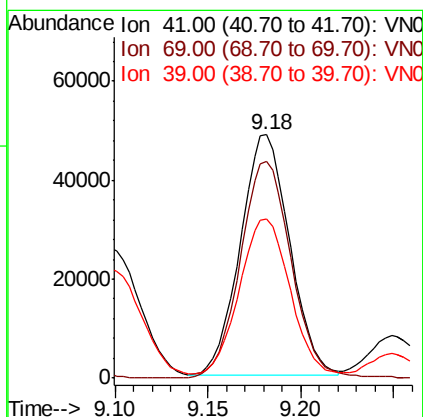
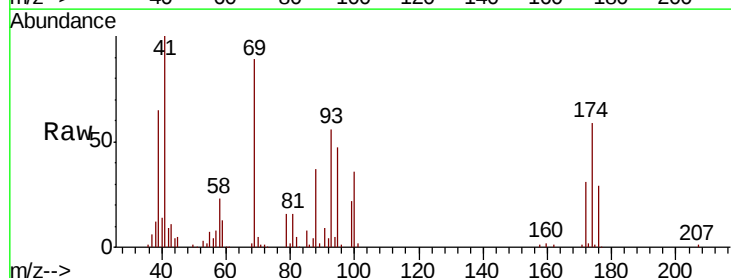
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 83 Resp: 144502
 Ion Ratio Lower Upper
 83 100
 85 65.0 51.1 76.7
 127 9.1 6.6 9.8



#48
 Methyl methacrylate
 Concen: 47.827 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. 0.00 min
 Lab File: VN059776.D
 Acq: 20 Jan 2020 10:05

Tgt Ion: 41 Resp: 89661
 Ion Ratio Lower Upper
 41 100
 69 93.5 64.4 96.6
 39 66.3 51.3 76.9

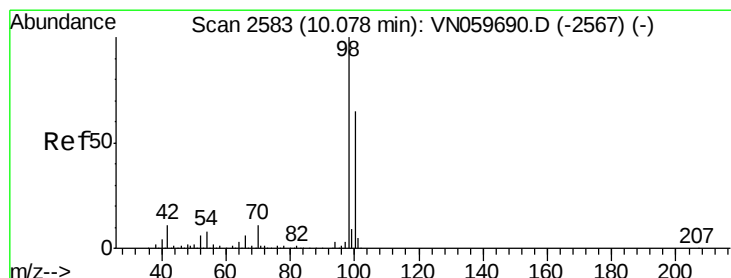
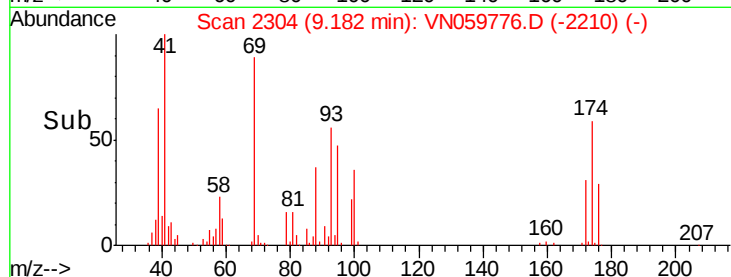
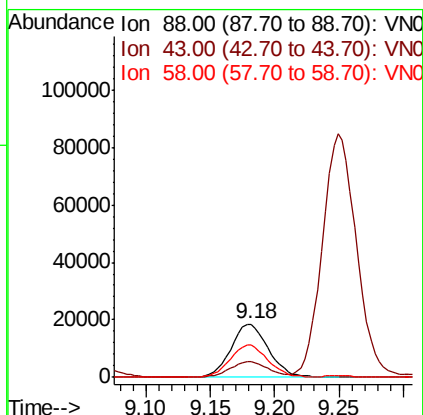
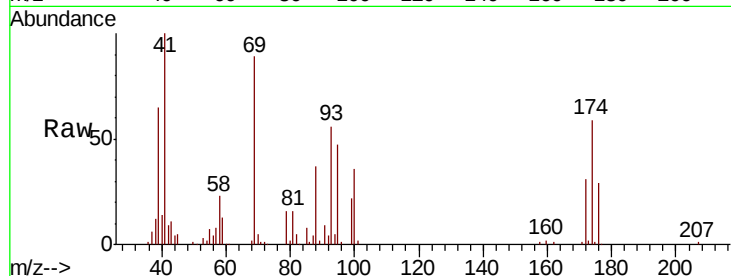




#49
 1,4-Dioxane
 Concen: 1095.924 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. 0.00 min
 Lab File: VN059776.D
 Acq: 20 Jan 2020 10:05

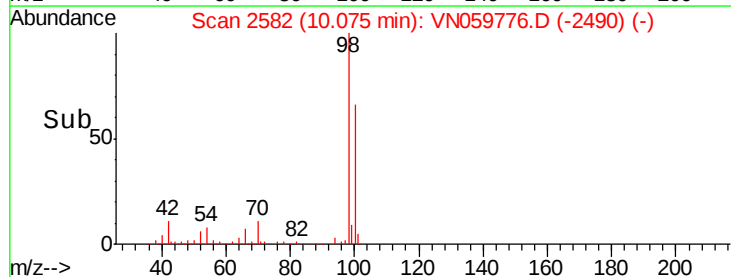
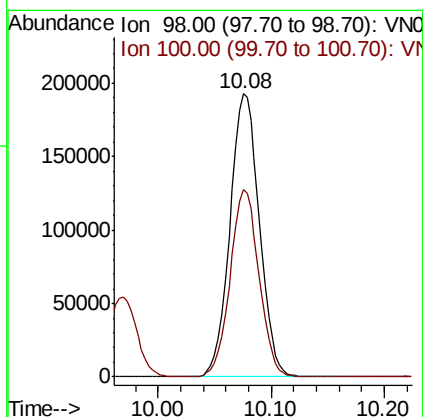
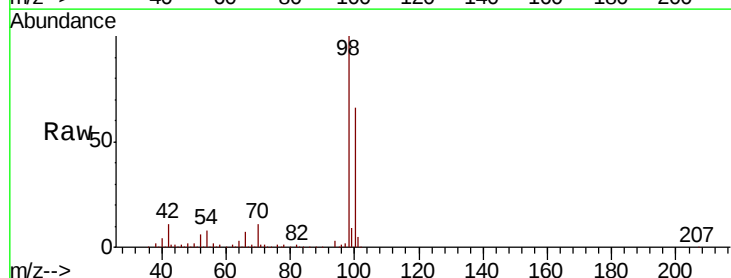
Instrument :
 MSVOA_N
 ClientSampled :

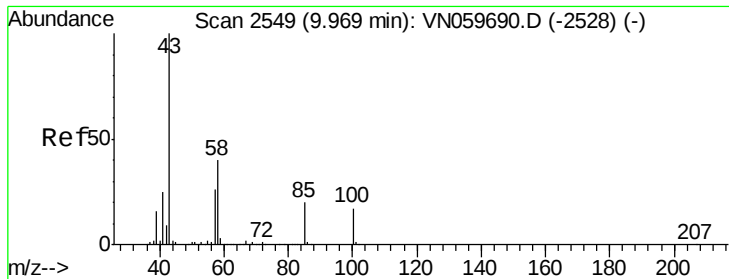
Tot Ion: 88 Resp: 37611
 Ion Ratio Lower Upper
 88 100
 43 30.4 29.7 44.5
 58 60.9 56.6 85.0



#50
 Toluene-d8
 Concen: 50.459 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: VN059776.D
 Acq: 20 Jan 2020 10:05

Tgt Ion: 98 Resp: 347813
 Ion Ratio Lower Upper
 98 100
 100 65.0 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 237.063 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN059776.D

Acq: 20 Jan 2020 10:05

Instrument :

MSVOA_N

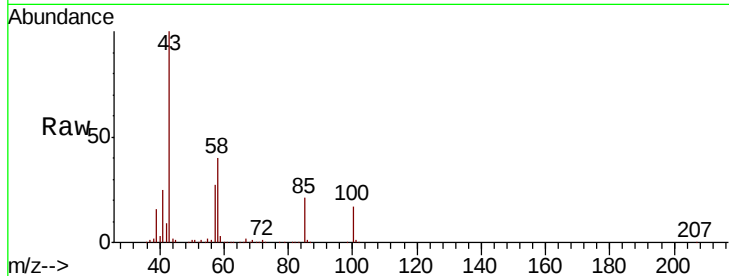
ClientSampleId :

Tot Ion: 43 Resp: 574352

Ion Ratio Lower Upper

43 100

58 40.2 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN059690.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN059690.D (-2528) (-)

9.97

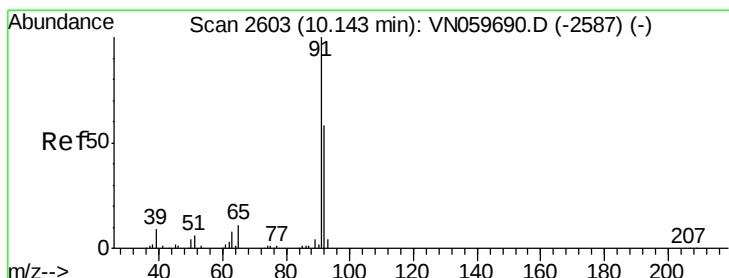
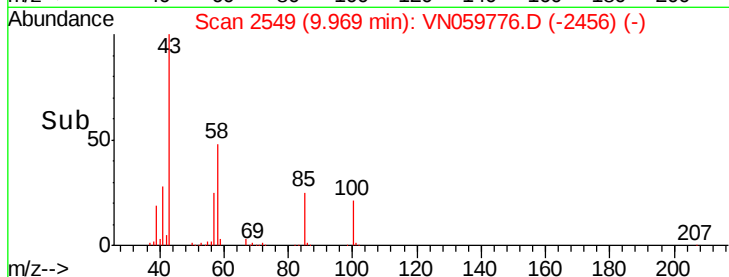
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 51.950 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN059776.D

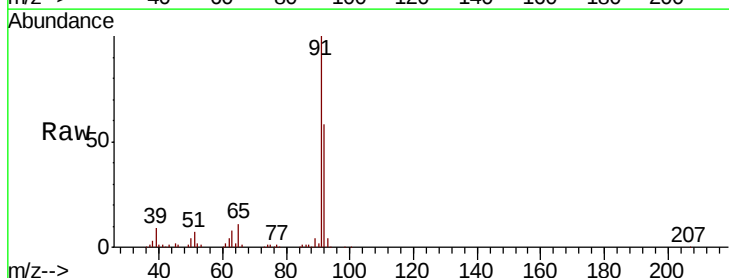
Acq: 20 Jan 2020 10:05

Tgt Ion: 92 Resp: 254245

Ion Ratio Lower Upper

92 100

91 174.1 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VN059690.D (-2587) (-)

Ion 91.00 (90.70 to 91.70): VN059690.D (-2587) (-)

10.14

250000

200000

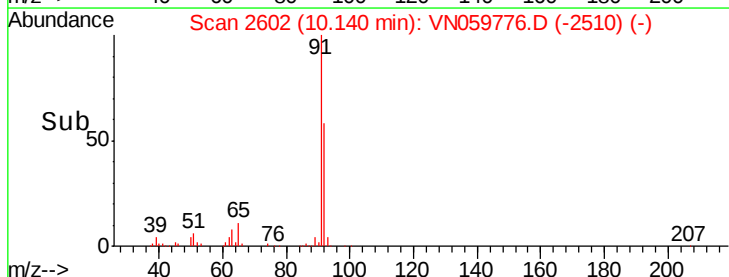
150000

100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 53.586 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN059776.D

Acq: 20 Jan 2020 10:05

Instrument :

MSVOA_N

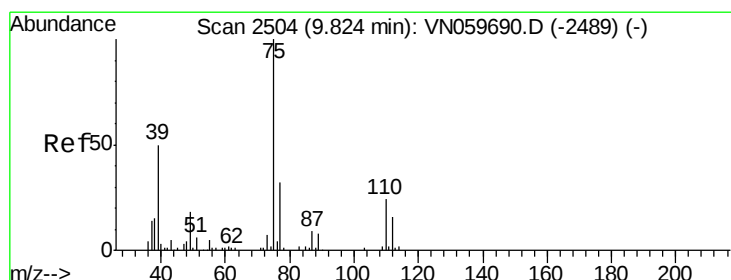
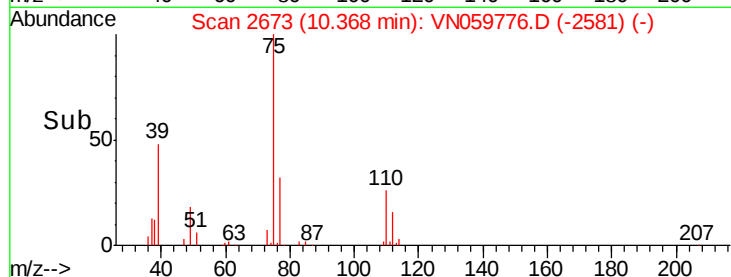
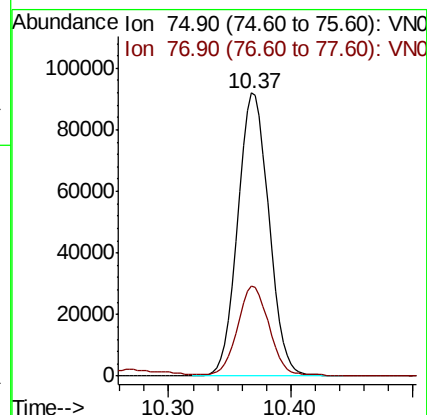
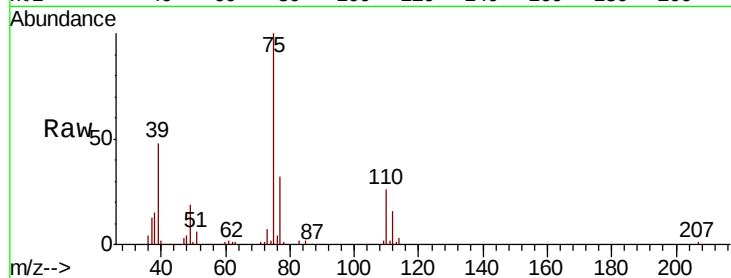
ClientSampled :

Tot Ion: 75 Resp: 163072

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 53.850 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059776.D

Acq: 20 Jan 2020 10:05

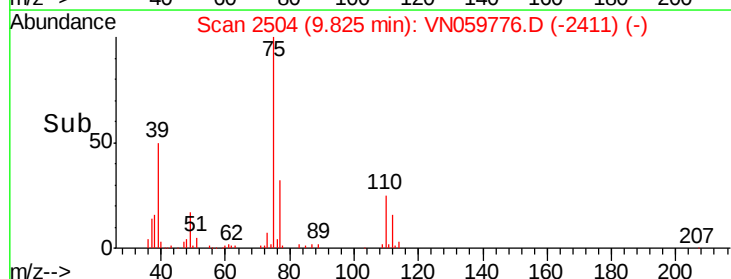
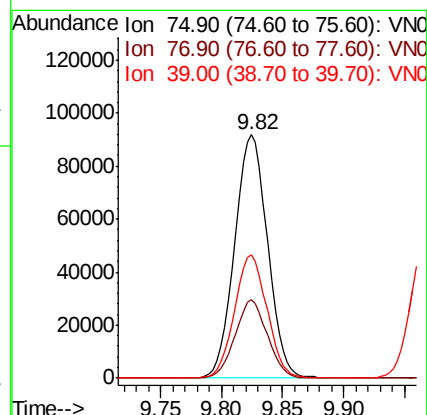
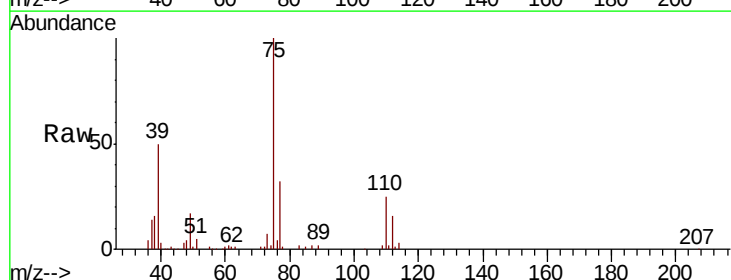
Tgt Ion: 75 Resp: 172425

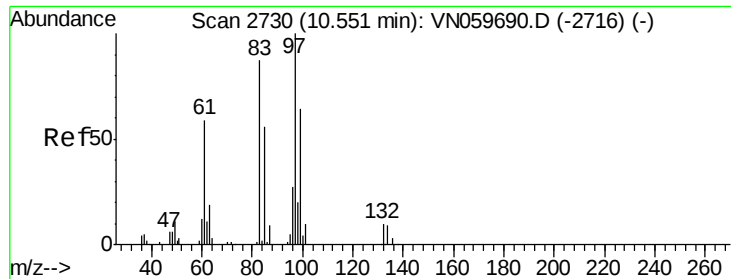
Ion Ratio Lower Upper

75 100

77 32.3 25.1 37.7

39 50.5 46.1 69.1

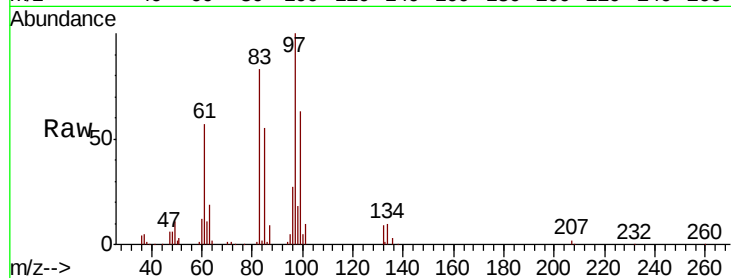




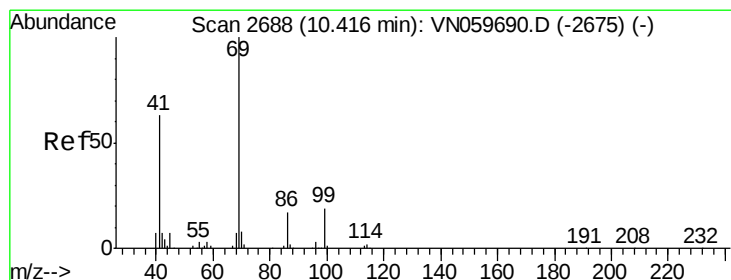
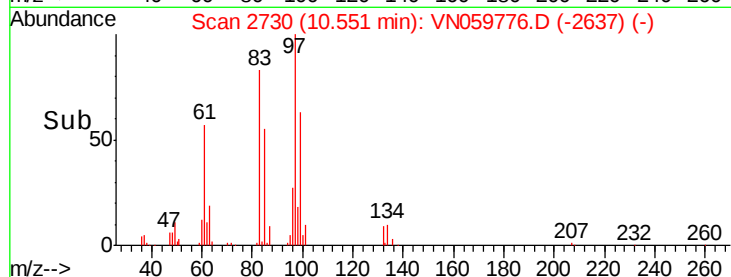
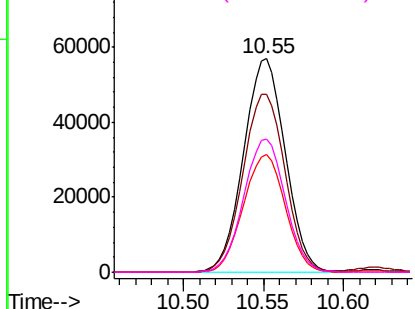
#55
 1,1,2-Trichloroethane
 Concen: 52.401 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059776.D
 Acq: 20 Jan 2020 10:05

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 97 Resp: 101570
 Ion Ratio Lower Upper
 97 100
 83 83.2 71.3 106.9
 85 54.9 45.8 68.8
 99 62.6 50.0 75.0

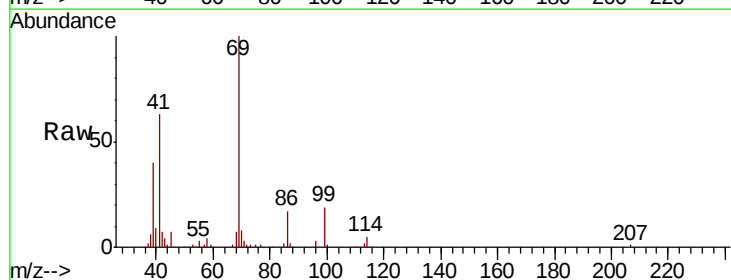


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

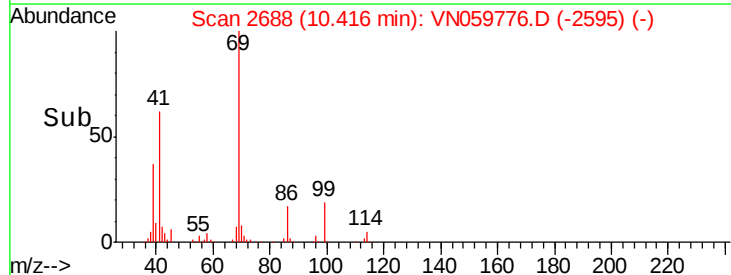
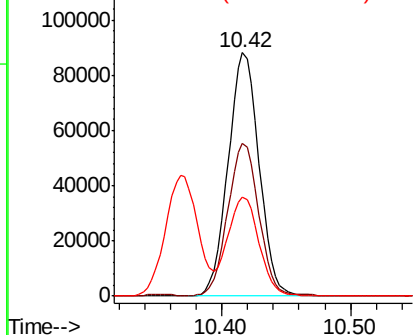


#56
 Ethyl methacrylate
 Concen: 49.672 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN059776.D
 Acq: 20 Jan 2020 10:05

Tgt Ion: 69 Resp: 147118
 Ion Ratio Lower Upper
 69 100
 41 62.2 57.1 85.7
 39 41.3 34.7 52.1



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





#57

1,3-Dichloropropane

Concen: 53.273 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059776.D

Acq: 20 Jan 2020 10:05

Instrument :

MSVOA_N

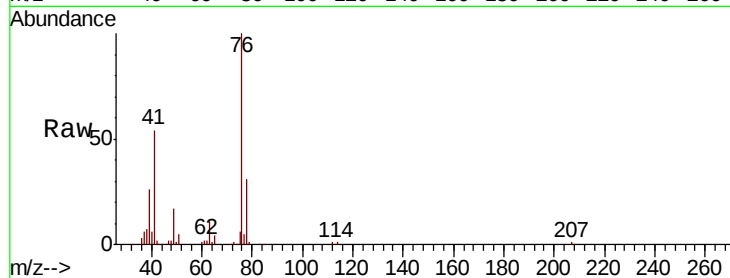
ClientSampled :

Tot Ion: 76 Resp: 163937

Ion Ratio Lower Upper

76 100

78 31.7 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.70

80000

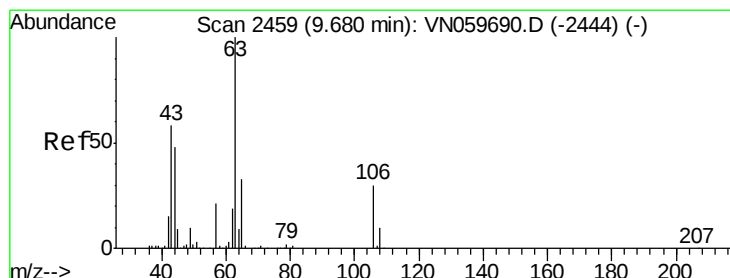
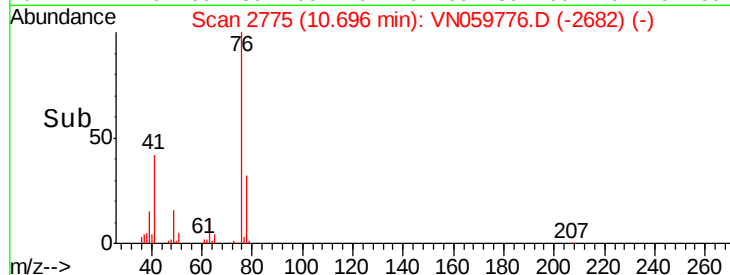
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 236.397 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059776.D

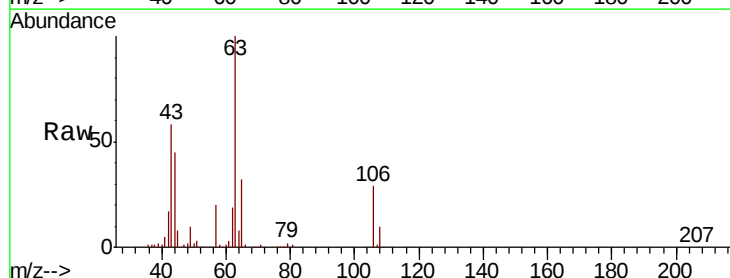
Acq: 20 Jan 2020 10:05

Tgt Ion: 63 Resp: 210888

Ion Ratio Lower Upper

63 100

106 29.6 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

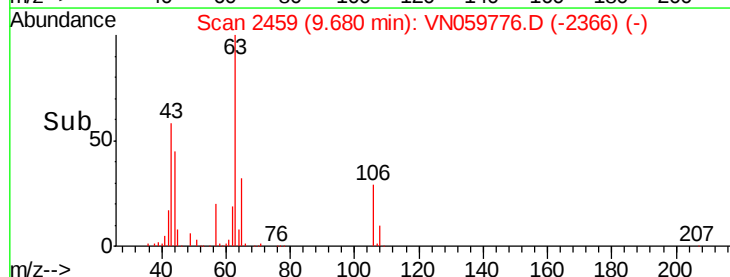
9.68

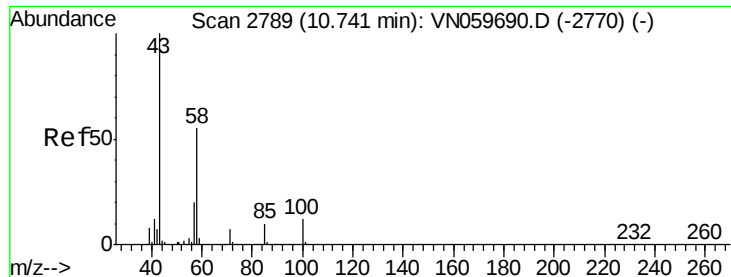
100000

50000

0

Time-->

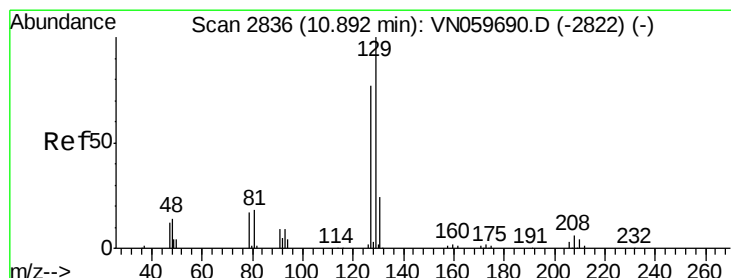
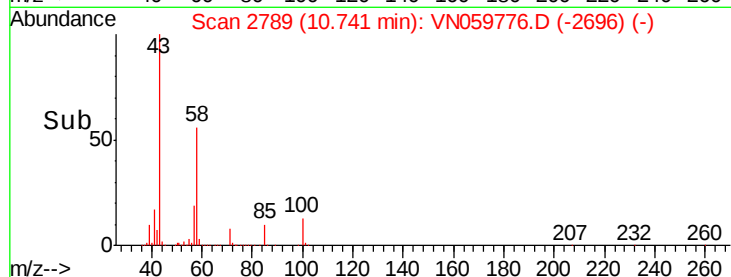
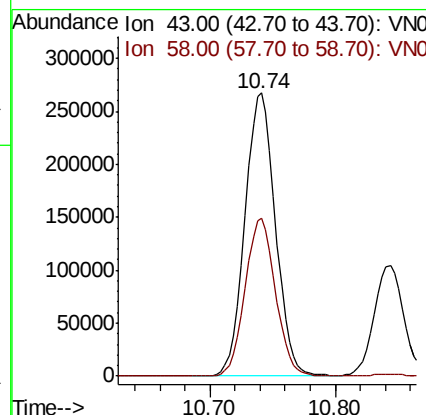
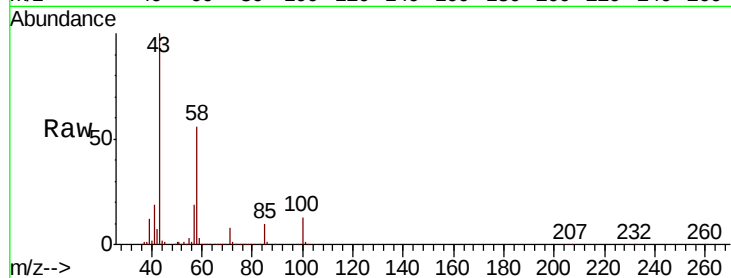




#59
2-Hexanone
Concen: 253.416 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059776.D
Acq: 20 Jan 2020 10:05

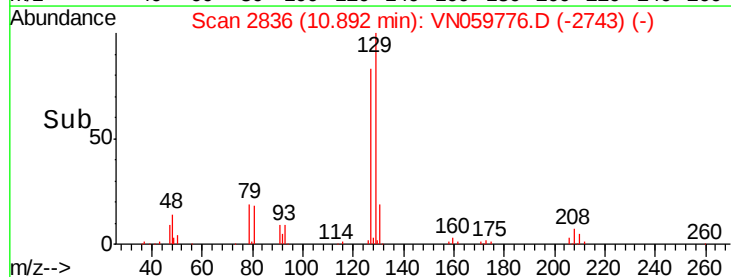
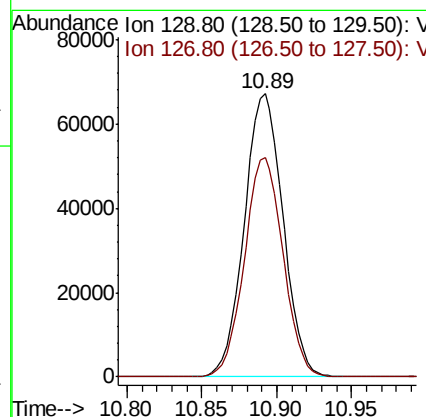
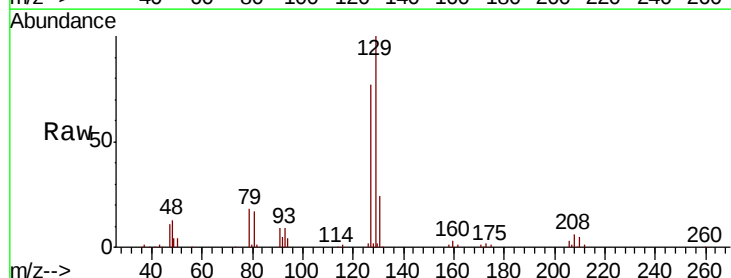
Instrument :
MSVOA_N
ClientSampled :

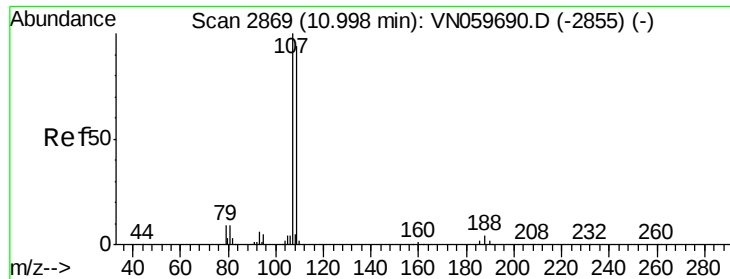
Tot Ion: 43 Resp: 452315
Ion Ratio Lower Upper
43 100
58 55.4 25.8 77.3



#60
Dibromochloromethane
Concen: 54.935 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059776.D
Acq: 20 Jan 2020 10:05

Tgt Ion: 129 Resp: 121257
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5

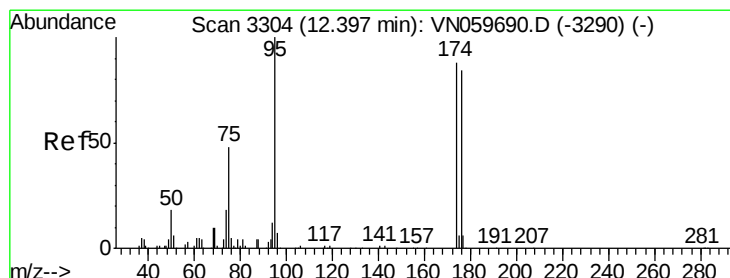
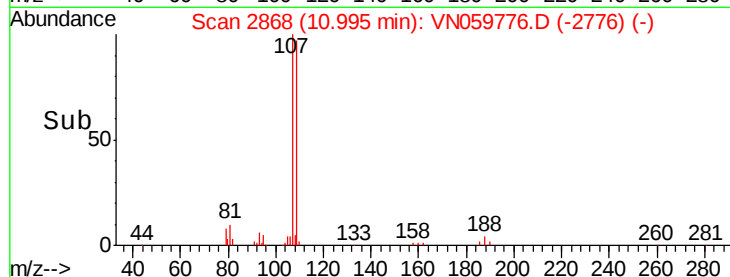
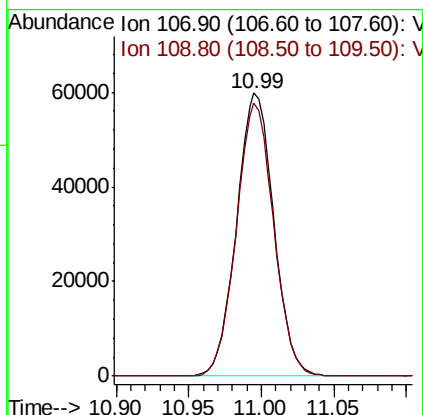
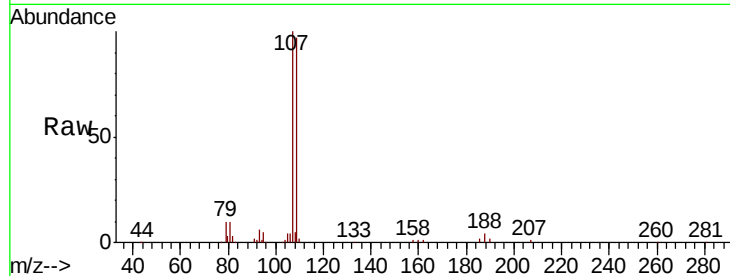




#61
 1,2-Dibromoethane
 Concen: 52.484 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059776.D
 Acq: 20 Jan 2020 10:05

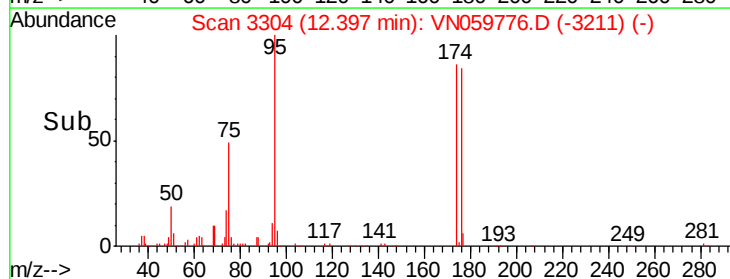
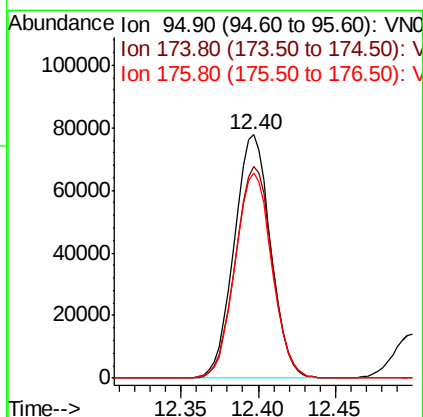
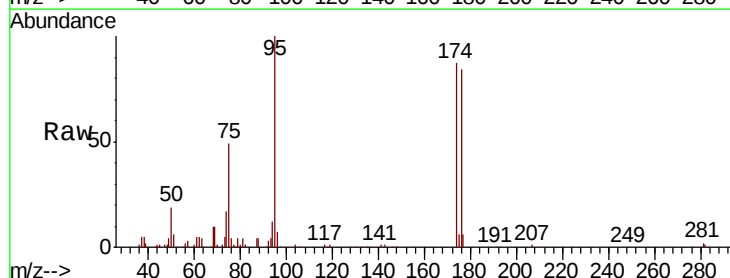
Instrument :
 MSVOA_N
 ClientSampleId :

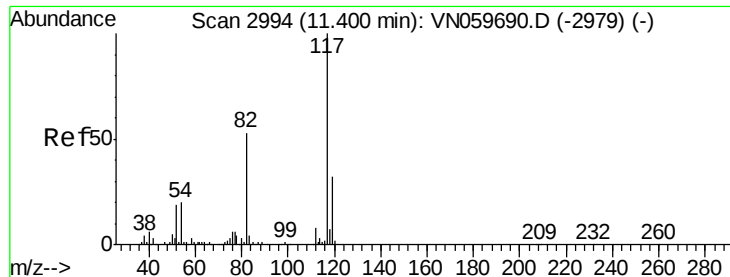
Tot Ion:107 Resp: 106626
 Ion Ratio Lower Upper
 107 100
 109 96.6 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 51.198 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059776.D
 Acq: 20 Jan 2020 10:05

Tgt Ion: 95 Resp: 127223
 Ion Ratio Lower Upper
 95 100
 174 87.9 0.0 151.4
 176 85.1 0.0 146.0

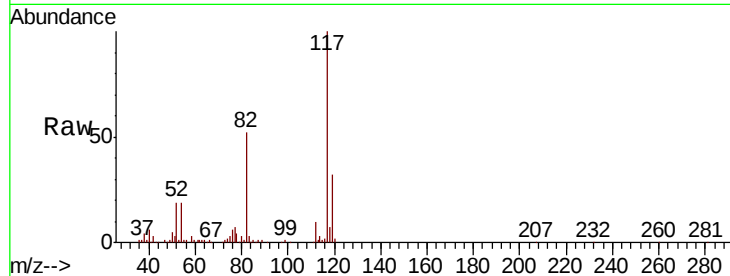




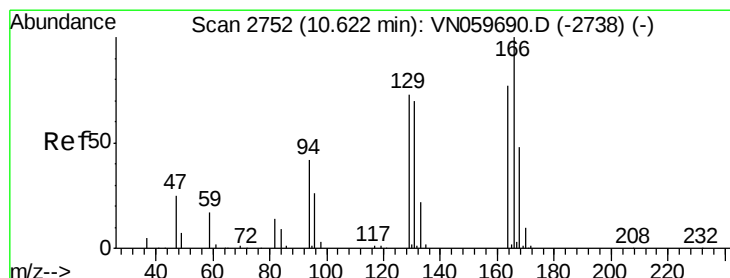
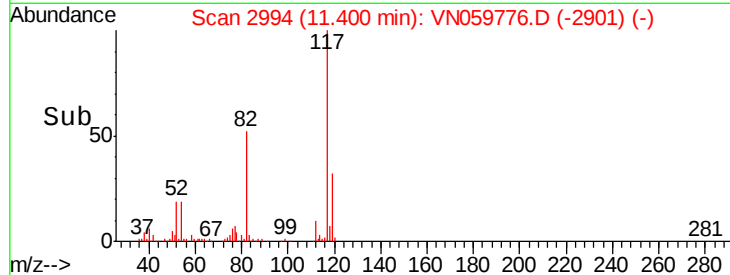
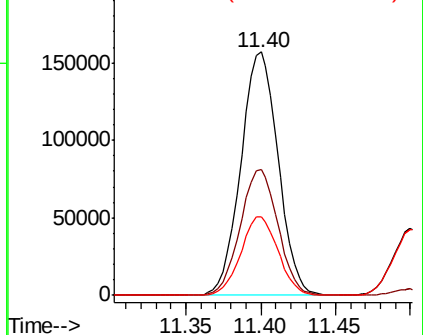
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059776.D
Acq: 20 Jan 2020 10:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 272720
Ion Ratio Lower Upper
117 100
82 51.8 45.9 68.9
119 32.5 25.5 38.3

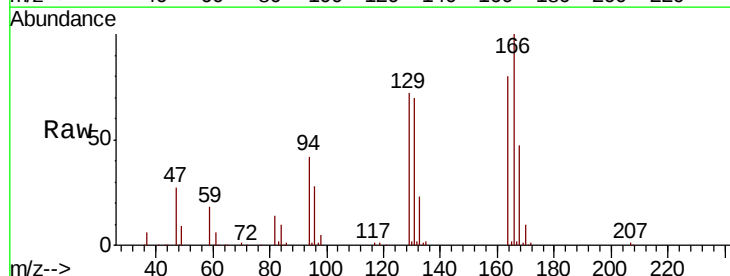


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

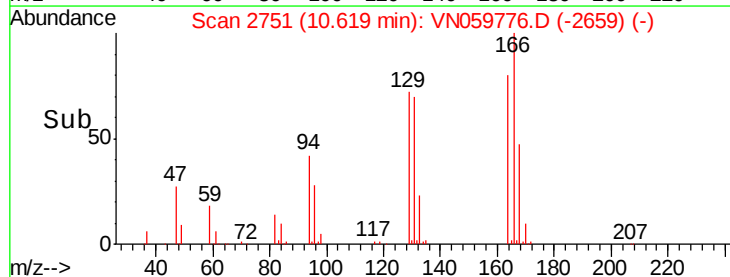
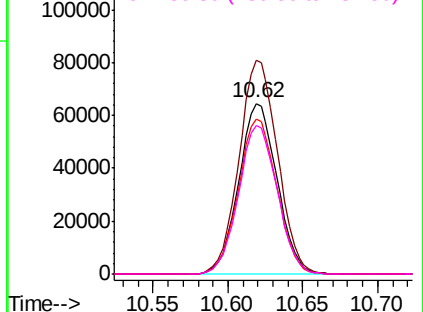


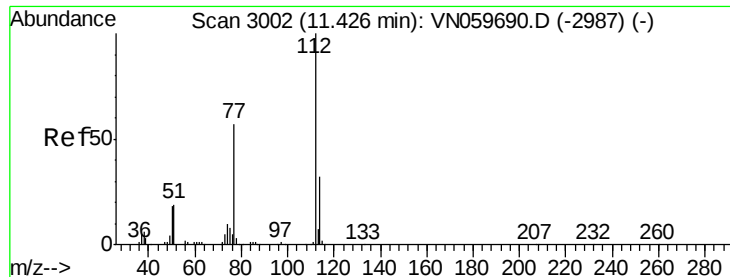
#64
Tetrachloroethene
Concen: 51.512 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN059776.D
Acq: 20 Jan 2020 10:05

Tgt Ion:164 Resp: 114495
Ion Ratio Lower Upper
164 100
166 125.3 101.4 152.0
129 90.5 80.2 120.4
131 87.4 75.0 112.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

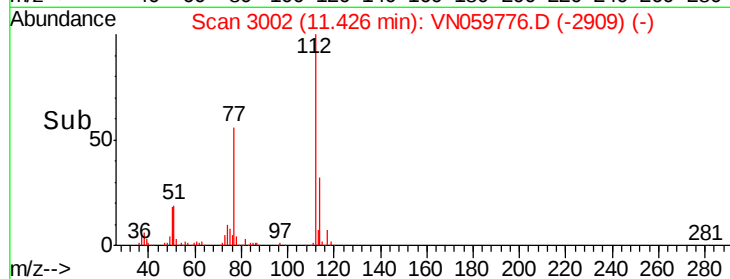
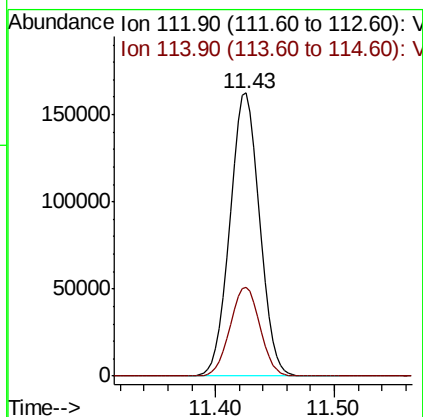
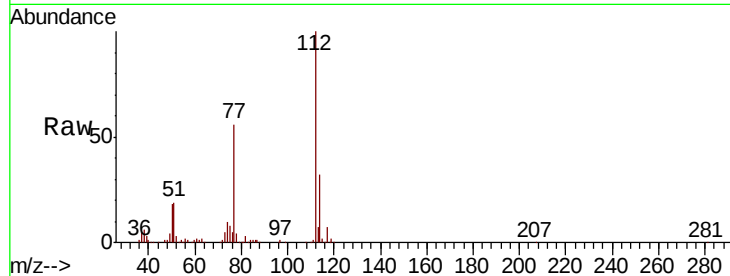




#65
Chlorobenzene
Concen: 52.383 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059776.D
Acq: 20 Jan 2020 10:05

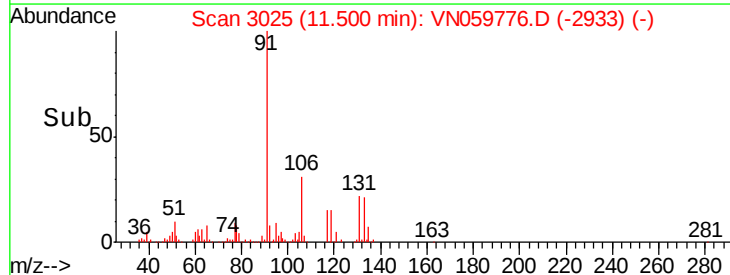
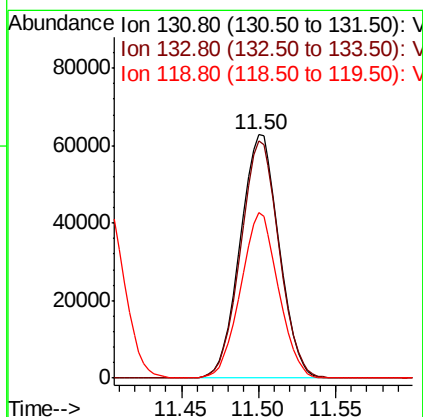
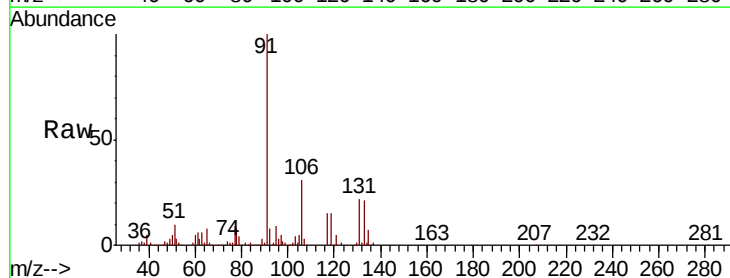
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:112 Resp: 280795
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 53.073 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN059776.D
Acq: 20 Jan 2020 10:05

Tgt Ion:131 Resp: 109928
Ion Ratio Lower Upper
131 100
133 96.4 47.4 142.2
119 66.0 33.1 99.3





#67

Ethyl Benzene

Concen: 51.574 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059776.D

Acq: 20 Jan 2020 10:05

Instrument :

MSVOA_N

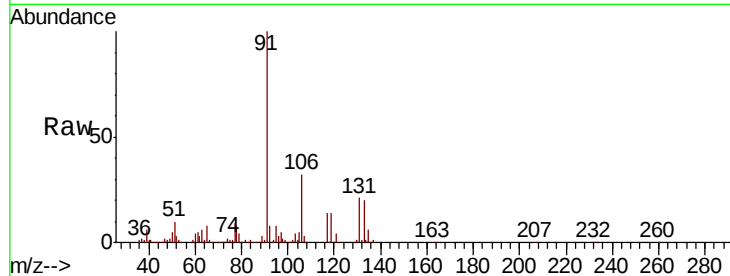
ClientSampled :

Tot Ion: 91 Resp: 501858

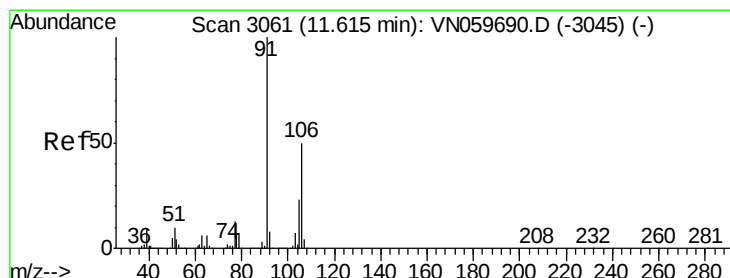
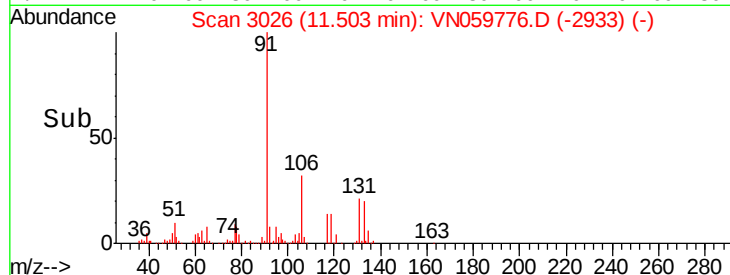
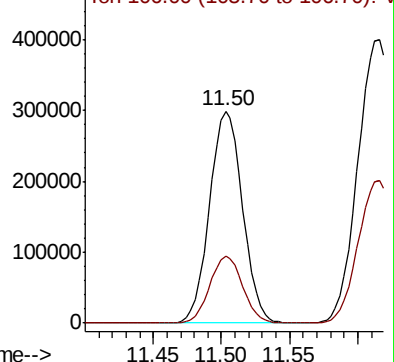
Ion Ratio Lower Upper

91 100

106 31.7 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN059776.D (-2933) (-)



#68

m/p-Xylenes

Concen: 104.941 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN059776.D

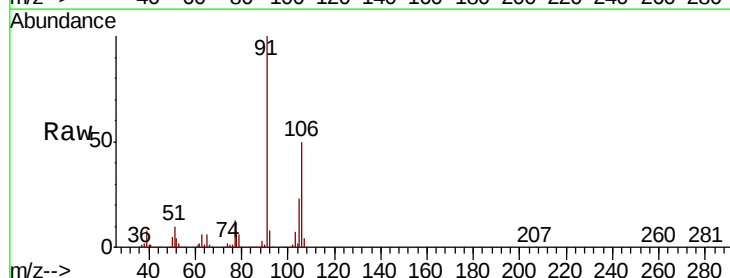
Acq: 20 Jan 2020 10:05

Tgt Ion: 106 Resp: 385736

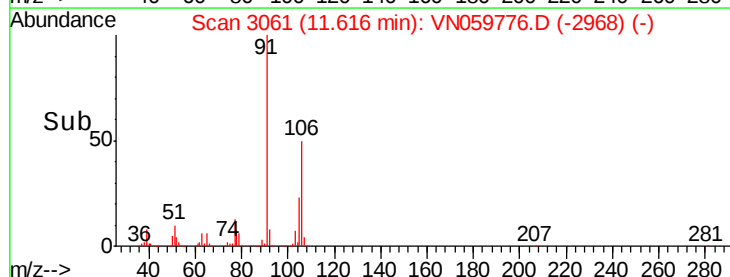
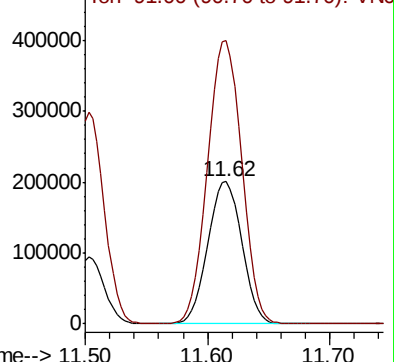
Ion Ratio Lower Upper

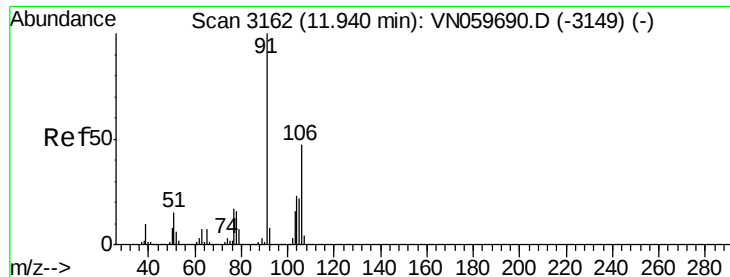
106 100

91 200.4 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): VN059776.D (-2968) (-)

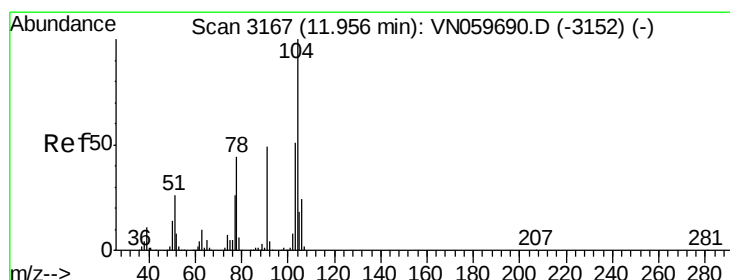
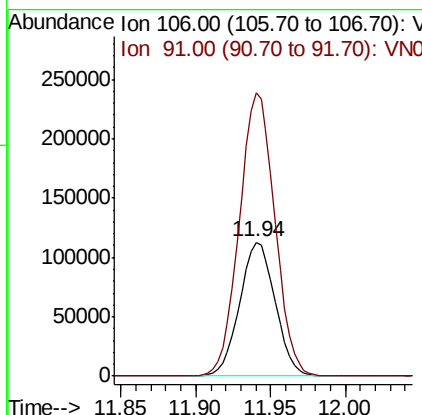
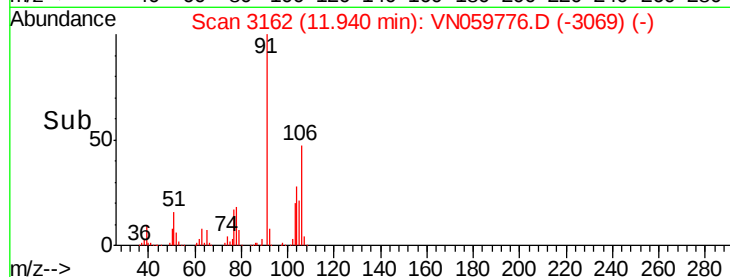
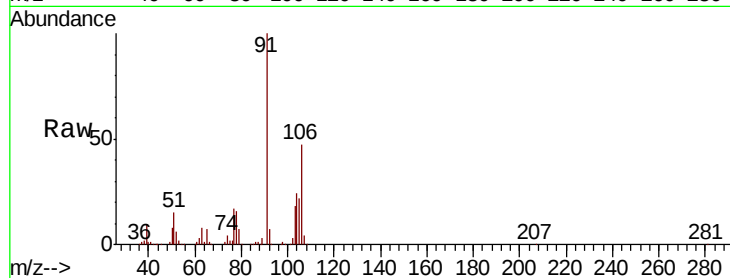




#69
o-Xylene
Concen: 51.888 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059776.D
Acq: 20 Jan 2020 10:05

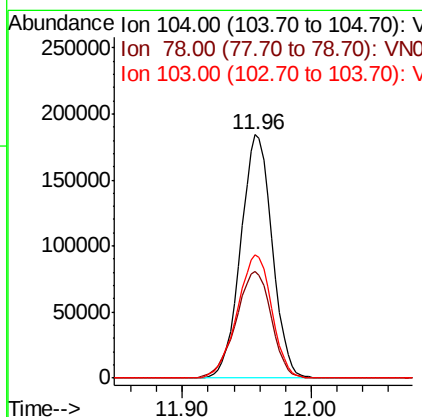
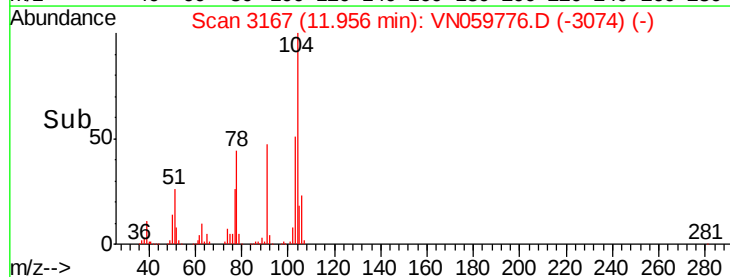
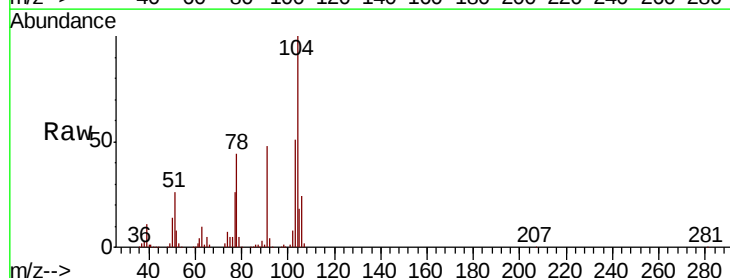
Instrument :
MSVOA_N
ClientSampled :

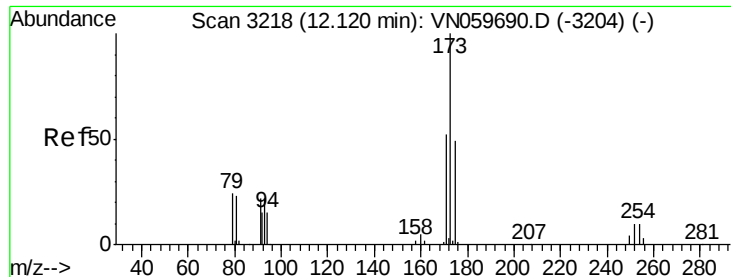
Tot Ion:106 Resp: 186722
Ion Ratio Lower Upper
106 100
91 211.2 110.3 330.9



#70
Styrene
Concen: 52.056 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN059776.D
Acq: 20 Jan 2020 10:05

Tgt Ion:104 Resp: 313465
Ion Ratio Lower Upper
104 100
78 49.3 42.4 63.6
103 55.7 43.9 65.9

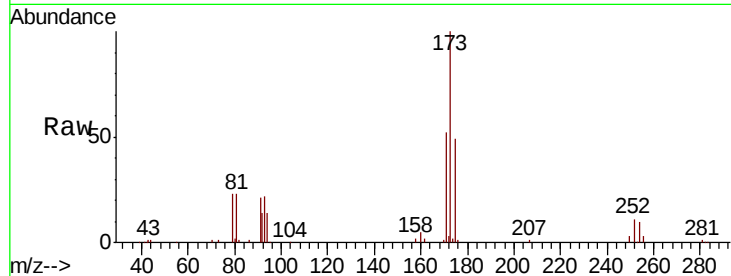




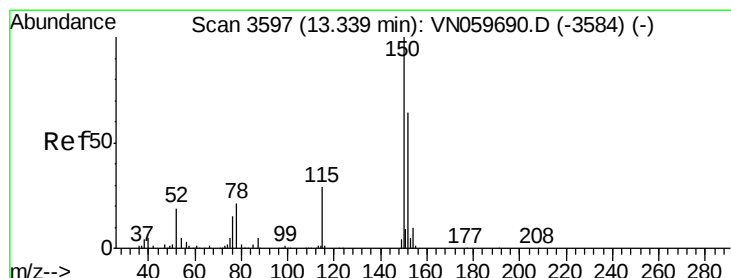
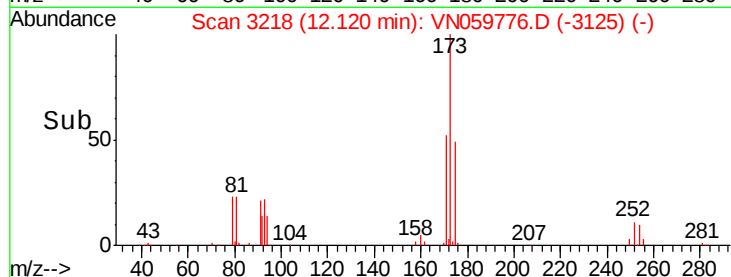
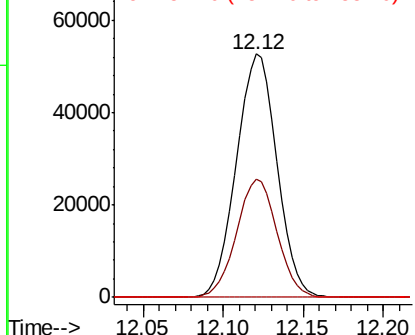
#71
Bromoform
Concen: 54.939 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN059776.D
Acq: 20 Jan 2020 10:05

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 91150
Ion Ratio Lower Upper
173 100
175 48.5 23.8 71.4
254 0.0 0.0 0.0

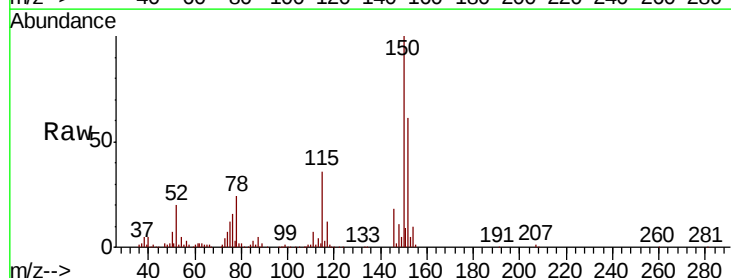


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

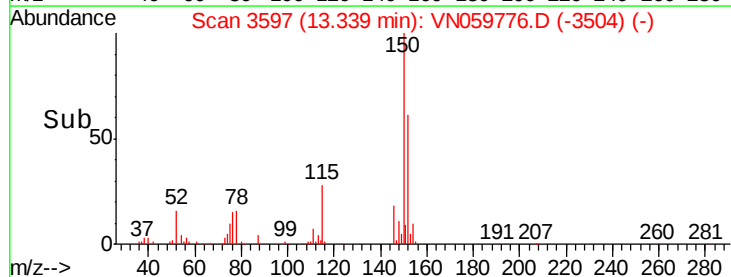
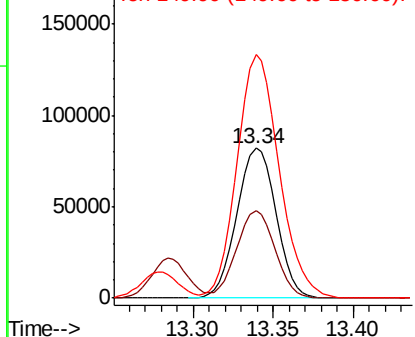


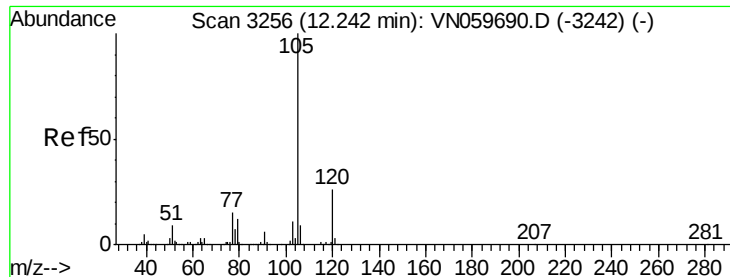
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059776.D
Acq: 20 Jan 2020 10:05

Tgt Ion:152 Resp: 137026
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: 50.161 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059776.D

Acq: 20 Jan 2020 10:05

Instrument :

MSVOA_N

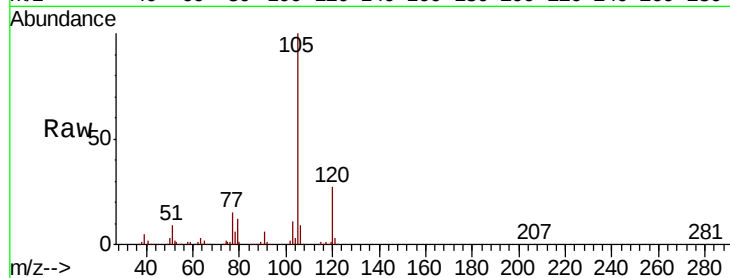
ClientSampleId :

Tot Ion:105 Resp: 504091

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

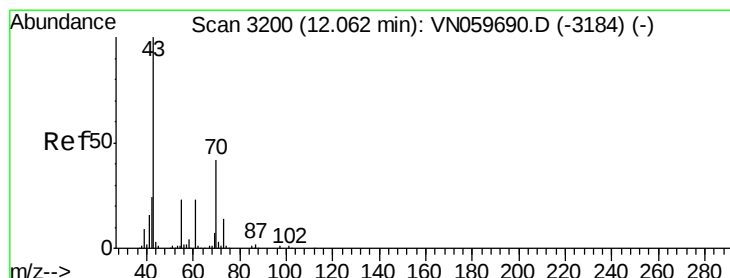
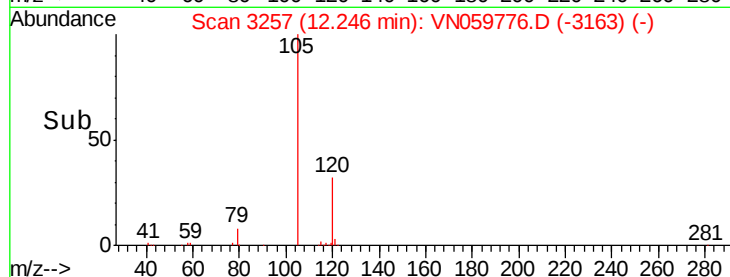
300000

200000

100000

0

Time--> 12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 45.866 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN059776.D

Acq: 20 Jan 2020 10:05

Tgt Ion: 43 Resp: 178852

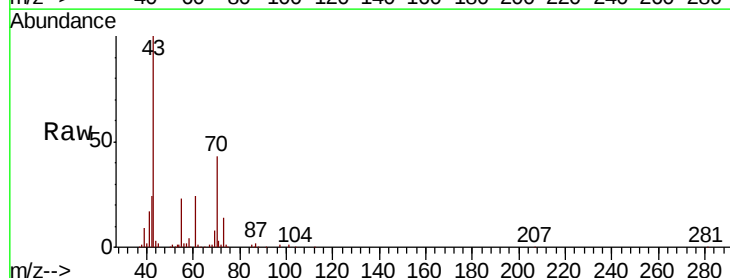
Ion Ratio Lower Upper

43 100

70 42.8 31.3 46.9

55 23.6 19.8 29.6

61 24.4 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

12.06

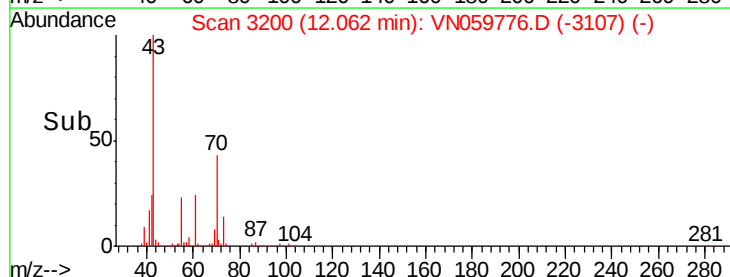
150000

100000

50000

0

Time--> 12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 47.799 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059776.D

Acq: 20 Jan 2020 10:05

Instrument :

MSVOA_N

ClientSampleId :

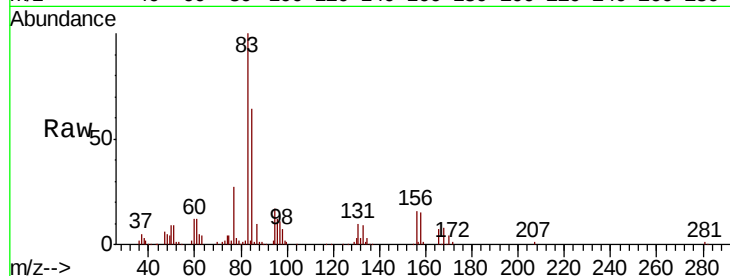
Tot Ion: 83 Resp: 139254

Ion Ratio Lower Upper

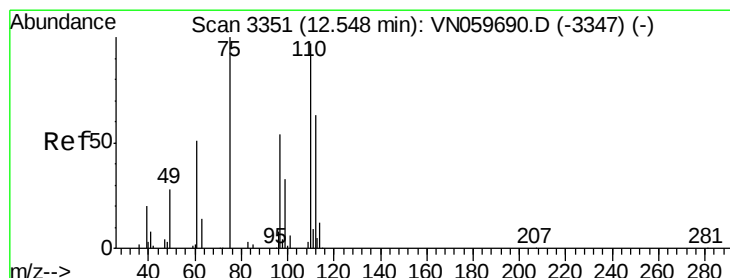
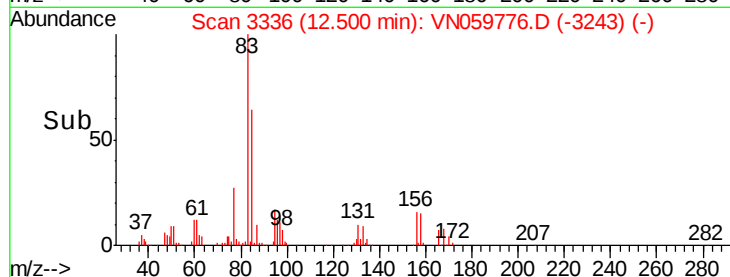
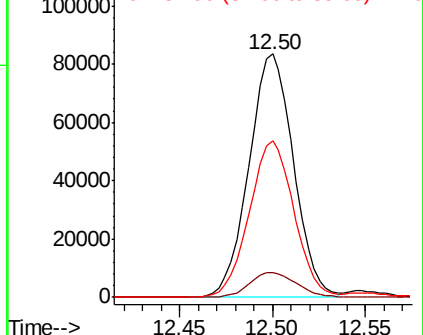
83 100

131 10.8 5.0 14.9

85 64.5 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 81.079 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059776.D

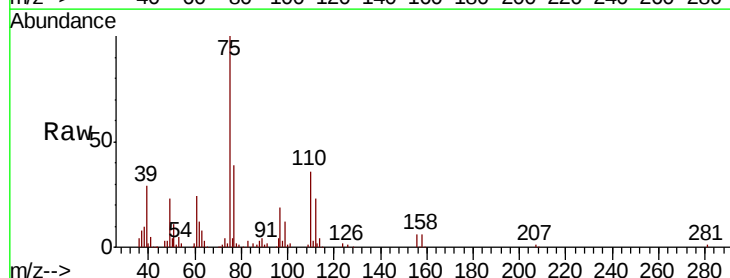
Acq: 20 Jan 2020 10:05

Tgt Ion: 75 Resp: 186968

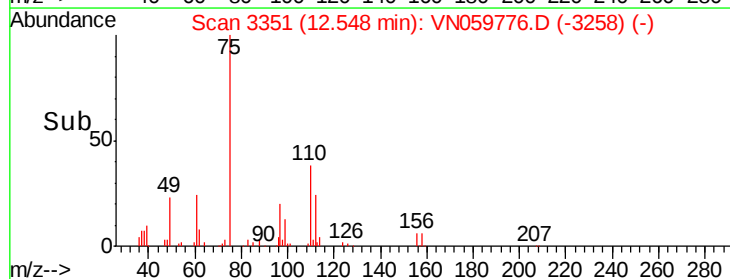
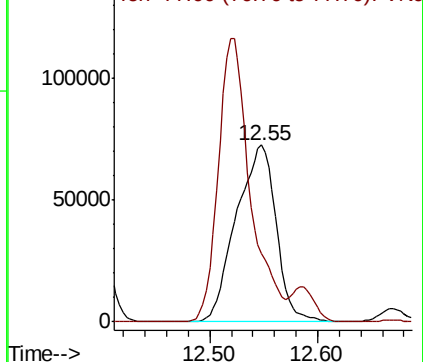
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 50.179 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN059776.D

Acq: 20 Jan 2020 10:05

Instrument :

MSVOA_N

ClientSampleId :

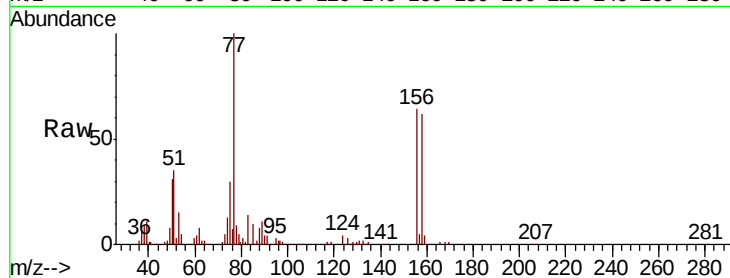
Tot Ion:156 Resp: 127701

Ion Ratio Lower Upper

156 100

77 188.6 115.8 347.4

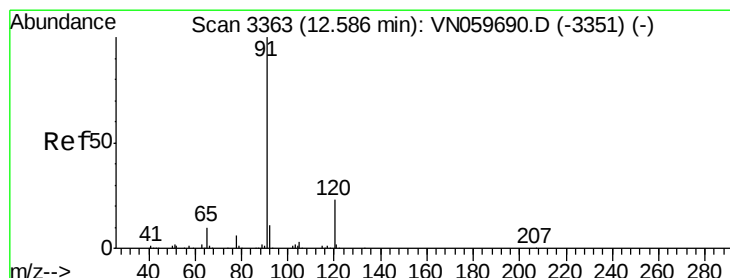
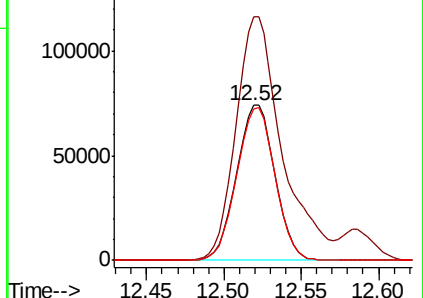
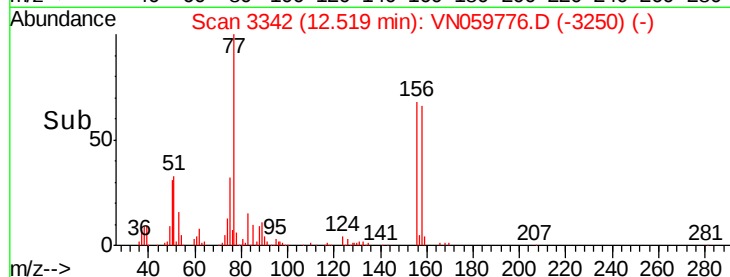
158 98.2 49.2 147.6



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: 50.775 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059776.D

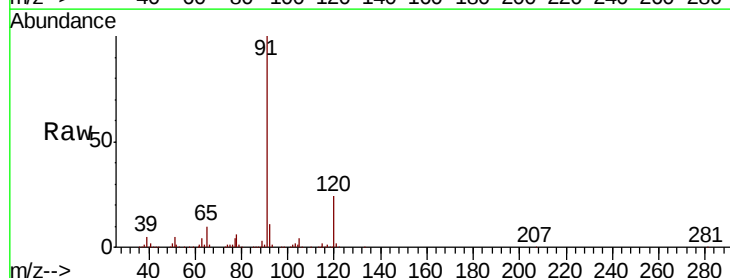
Acq: 20 Jan 2020 10:05

Tgt Ion: 91 Resp: 572710

Ion Ratio Lower Upper

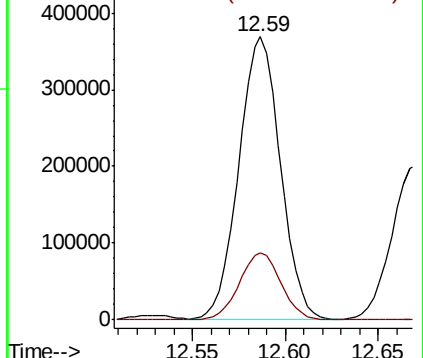
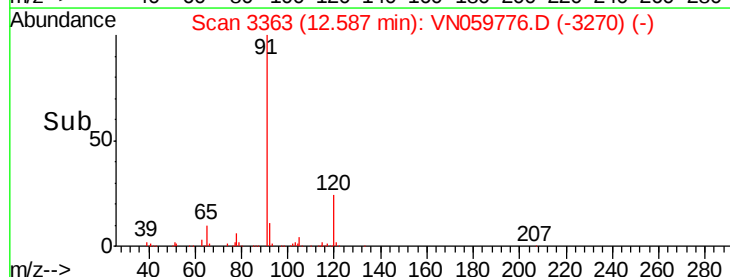
91 100

120 23.8 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: 49.324 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059776.D

Acq: 20 Jan 2020 10:05

Instrument :

MSVOA_N

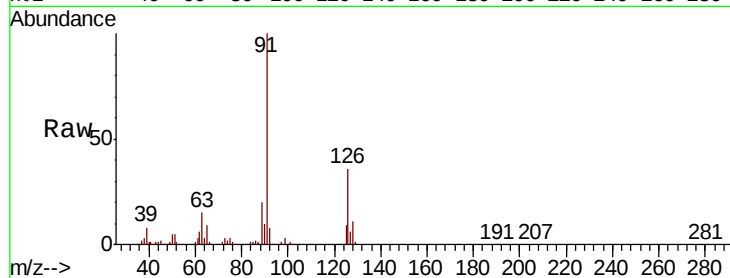
ClientSampleId :

Tot Ion: 91 Resp: 330974

Ion Ratio Lower Upper

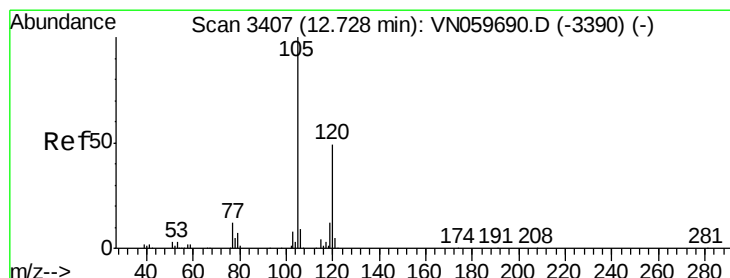
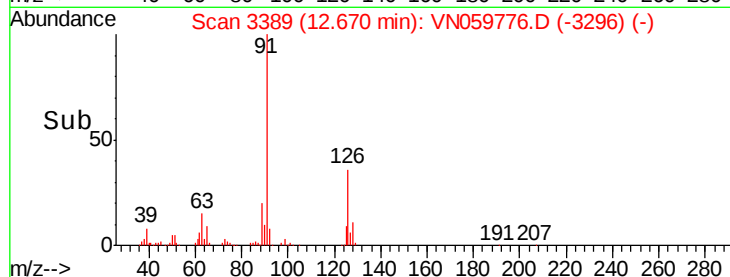
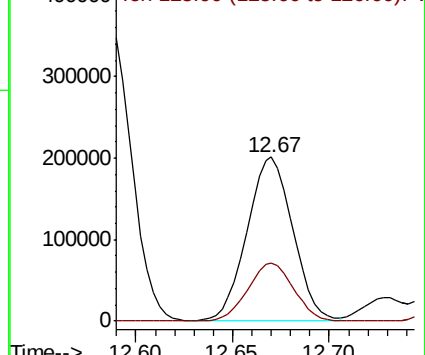
91 100

126 35.7 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VN059776.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN059776.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.468 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059776.D

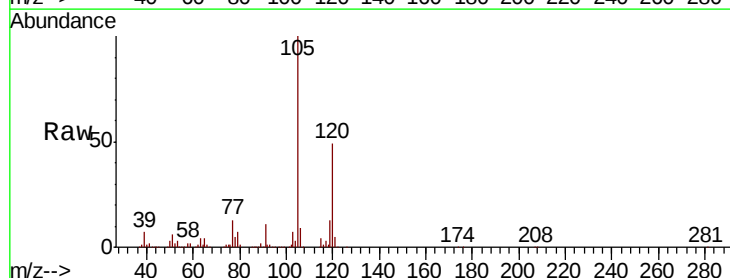
Acq: 20 Jan 2020 10:05

Tgt Ion:105 Resp: 426534

Ion Ratio Lower Upper

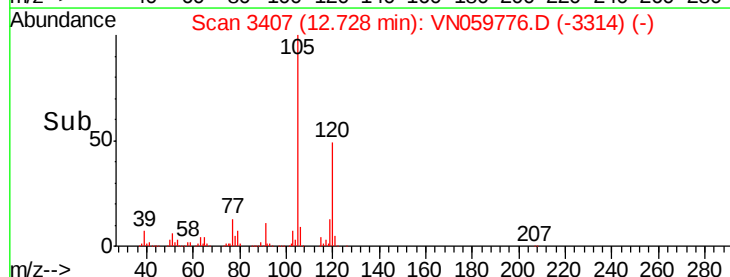
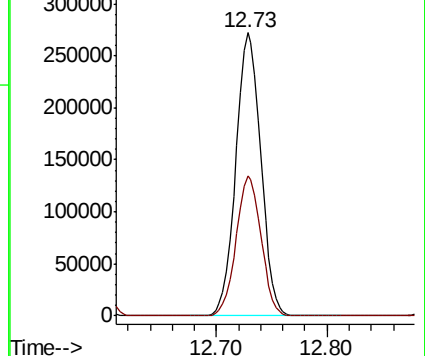
105 100

120 49.4 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059776.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN059776.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.293 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN059776.D

Acq: 20 Jan 2020 10:05

Instrument :

MSVOA_N

ClientSampleId :

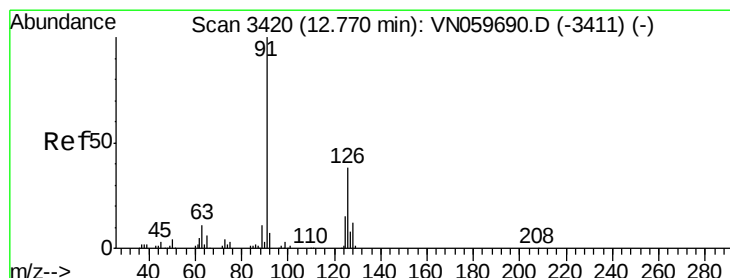
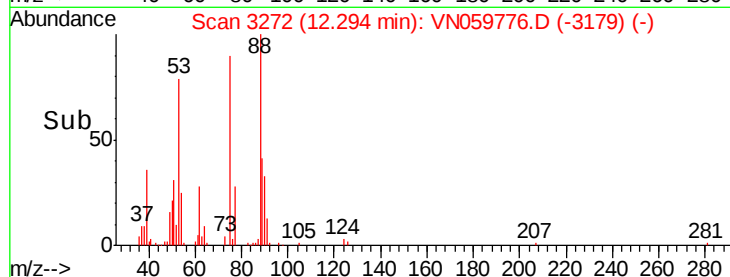
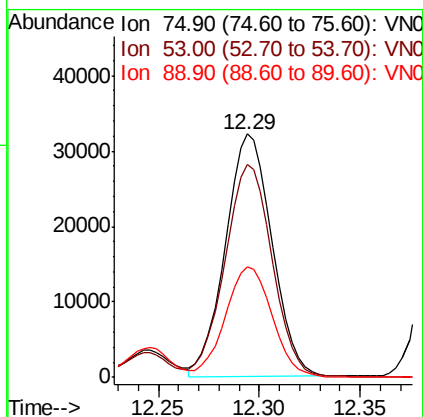
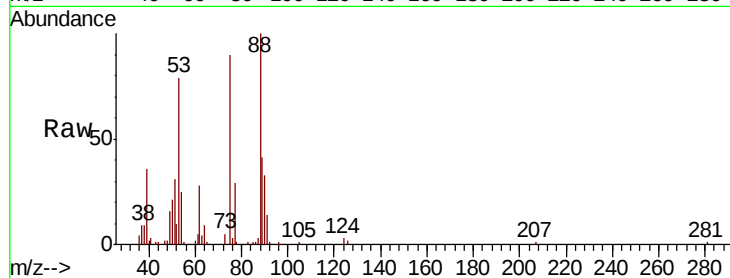
Tot Ion: 75 Resp: 51857

Ion Ratio Lower Upper

75 100

53 89.9 78.1 117.1

89 46.3 35.4 53.2



#82

4-Chlorotoluene

Concen: 51.166 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN059776.D

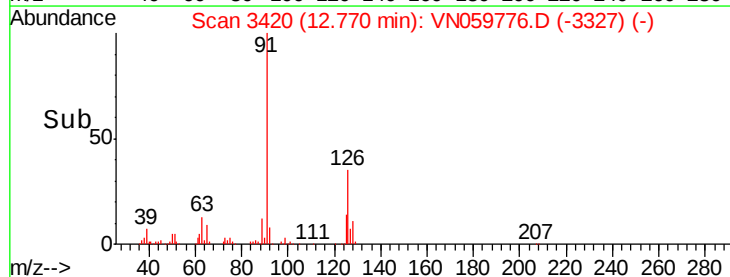
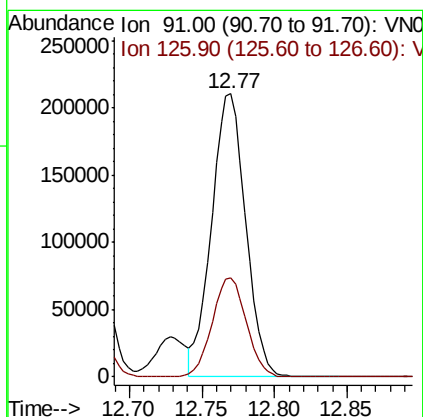
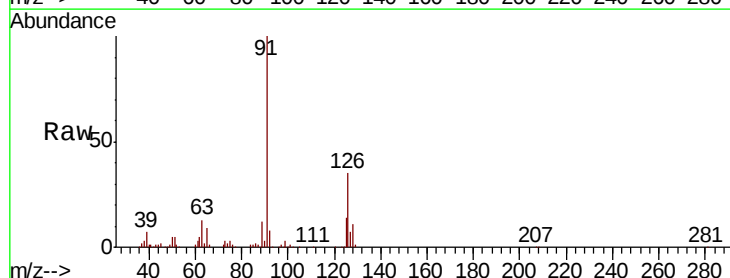
Acq: 20 Jan 2020 10:05

Tgt Ion: 91 Resp: 344366

Ion Ratio Lower Upper

91 100

126 35.1 16.3 48.8





#83

tert-Butylbenzene

Concen: 49.989 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. 0.00 min

Lab File: VN059776.D

Acq: 20 Jan 2020 10:05

Instrument :

MSVOA_N

ClientSampleId :

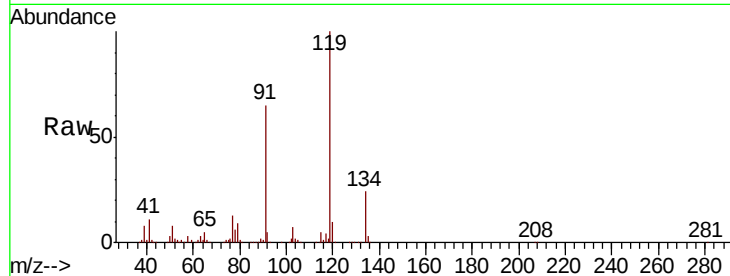
Tot Ion:119 Resp: 365398

Ion Ratio Lower Upper

119 100

91 64.6 34.8 104.4

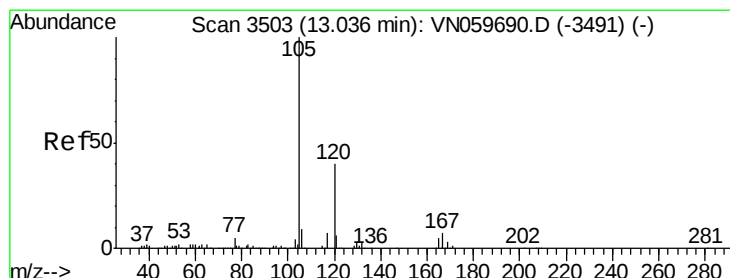
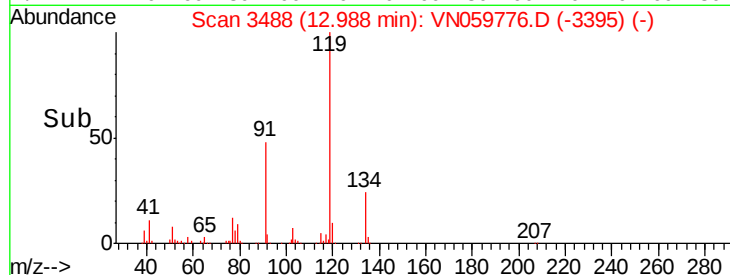
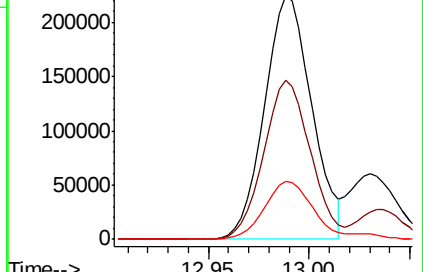
134 24.3 12.3 36.9



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: 51.043 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN059776.D

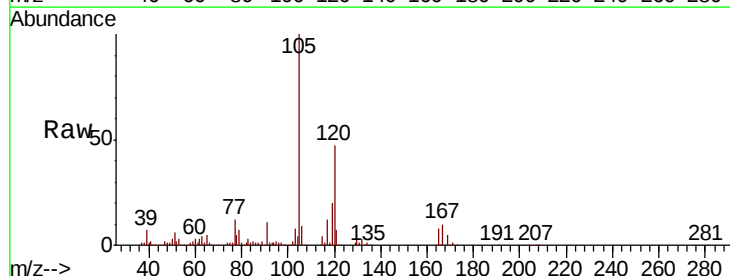
Acq: 20 Jan 2020 10:05

Tgt Ion:105 Resp: 426780

Ion Ratio Lower Upper

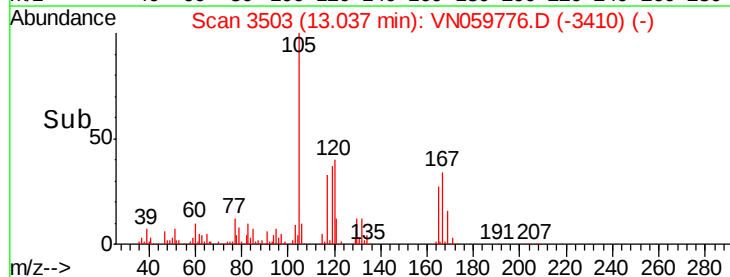
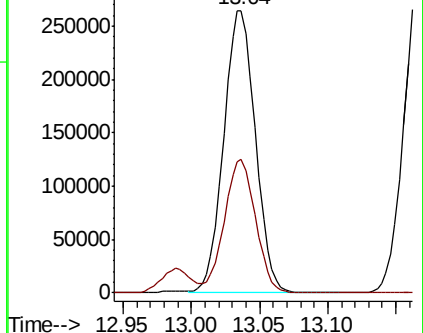
105 100

120 46.5 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: 51.112 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN059776.D

Acq: 20 Jan 2020 10:05

Instrument :

MSVOA_N

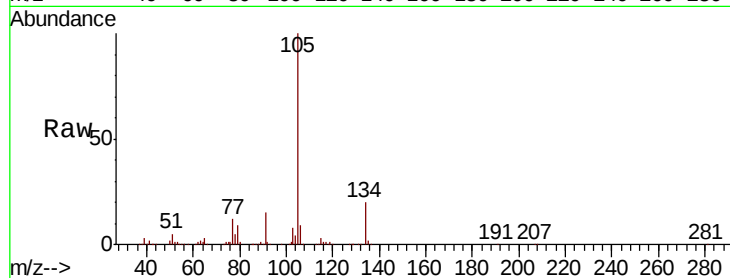
ClientSampled :

Tot Ion:105 Resp: 490855

Ion Ratio Lower Upper

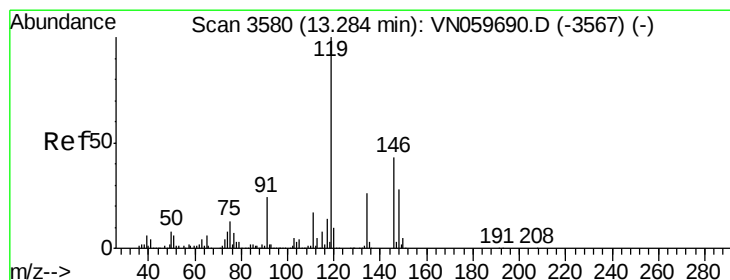
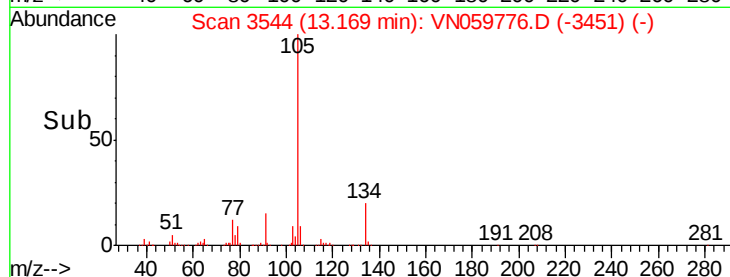
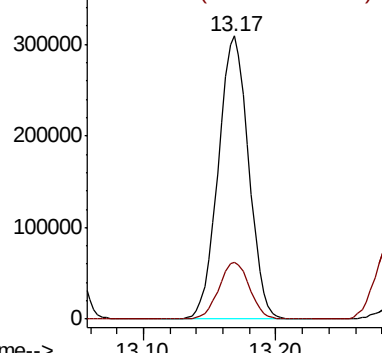
105 100

134 20.3 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.358 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059776.D

Acq: 20 Jan 2020 10:05

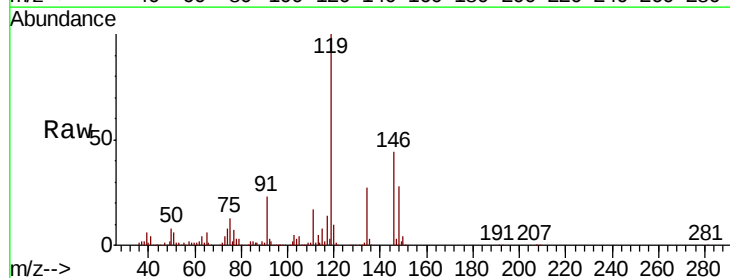
Tgt Ion:119 Resp: 456375

Ion Ratio Lower Upper

119 100

134 26.9 12.9 38.7

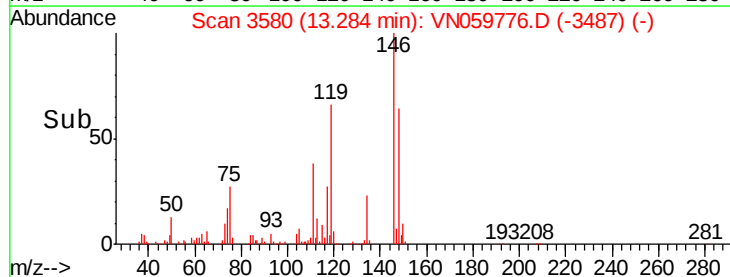
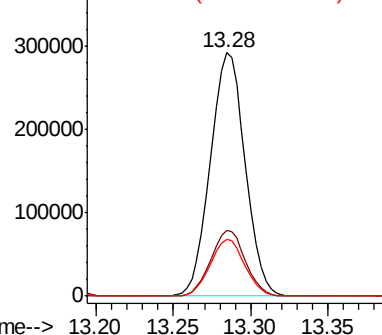
91 23.4 12.4 37.4

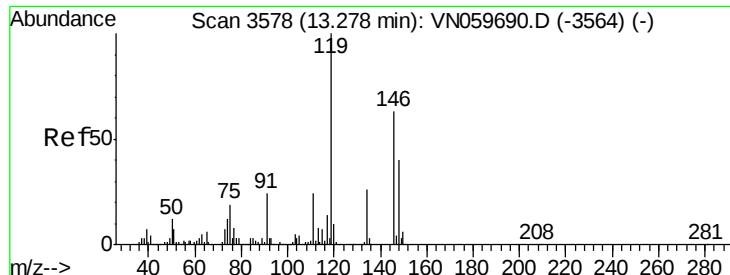


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

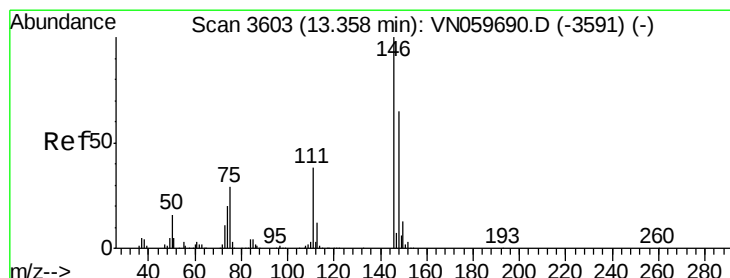
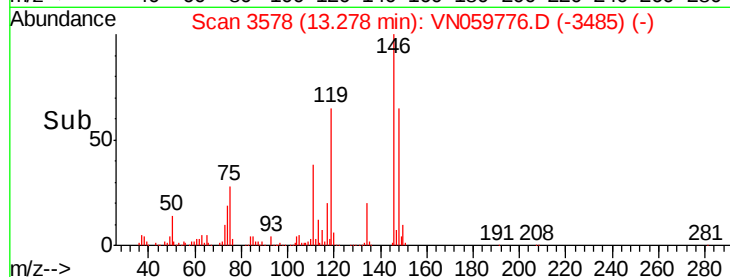
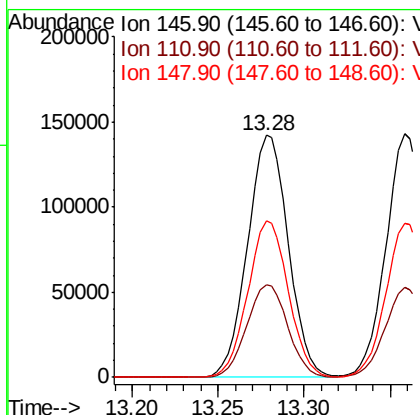
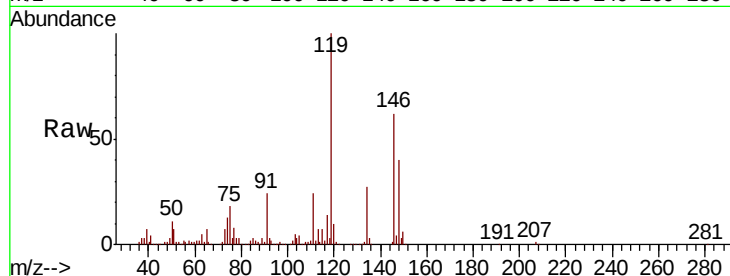




#87
 1,3-Dichlorobenzene
 Concen: 52.898 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN059776.D
 Acq: 20 Jan 2020 10:05

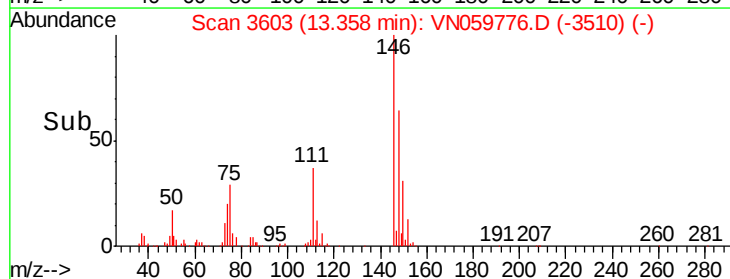
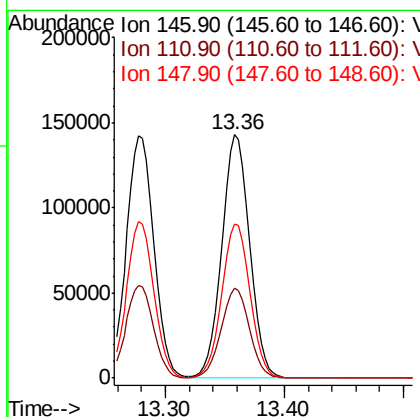
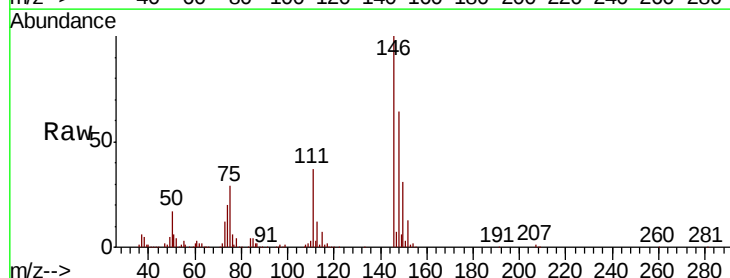
Instrument :
 MSVOA_N
 ClientSampled :

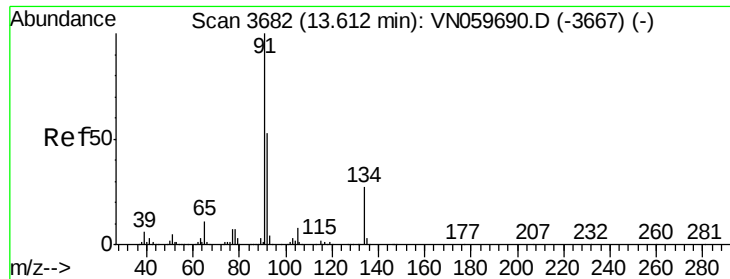
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	20.8	62.2
148	64.3	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 52.722 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN059776.D
 Acq: 20 Jan 2020 10:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	20.8	62.2
148	64.4	31.8	95.4





#89

n-Butylbenzene

Concen: 53.063 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN059776.D

Acq: 20 Jan 2020 10:05

Instrument :

MSVOA_N

ClientSampleId :

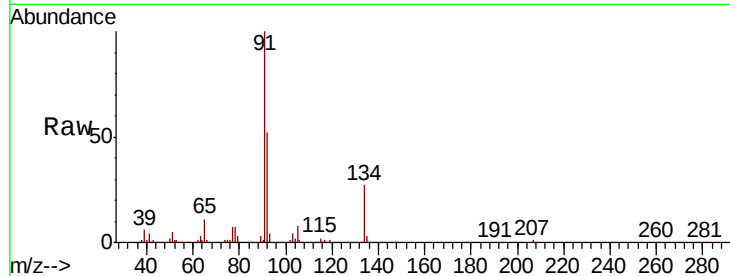
Tot Ion: 91 Resp: 402042

Ion Ratio Lower Upper

91 100

92 51.9 25.9 77.7

134 26.8 12.3 36.8

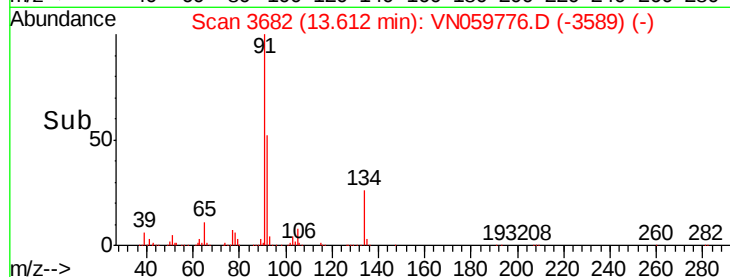


Abundance Ion 91.00 (90.70 to 91.70): VN059690.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN059690.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN059690.D (-3667) (-)

Time--> 13.50 13.60 13.70

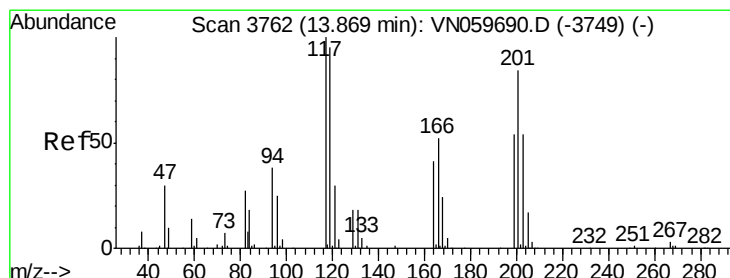


Abundance Ion 91.00 (90.70 to 91.70): VN059776.D (-3589) (-)

Ion 92.00 (91.70 to 92.70): VN059776.D (-3589) (-)

Ion 134.00 (133.70 to 134.70): VN059776.D (-3589) (-)

Time--> 13.50 13.60 13.70



#90

Hexachloroethane

Concen: 50.869 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN059776.D

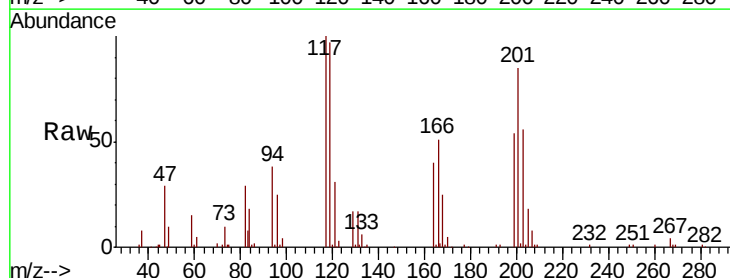
Acq: 20 Jan 2020 10:05

Tgt Ion: 117 Resp: 84575

Ion Ratio Lower Upper

117 100

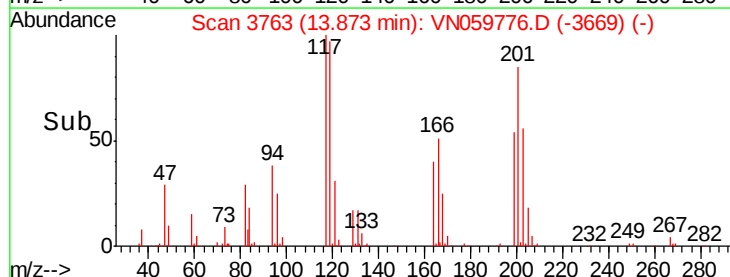
201 85.5 37.8 113.4



Abundance Ion 116.80 (116.50 to 117.50): VN059690.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN059690.D (-3749) (-)

Time--> 13.80 13.85 13.90 13.95



Abundance Ion 116.80 (116.50 to 117.50): VN059776.D (-3669) (-)

Ion 200.70 (200.40 to 201.40): VN059776.D (-3669) (-)

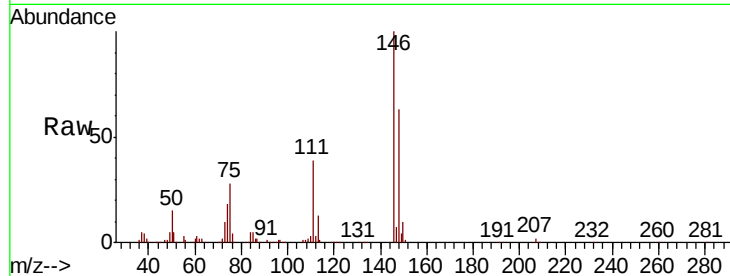
Time--> 13.80 13.85 13.90 13.95



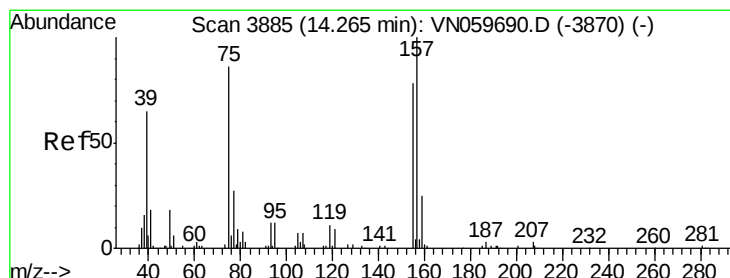
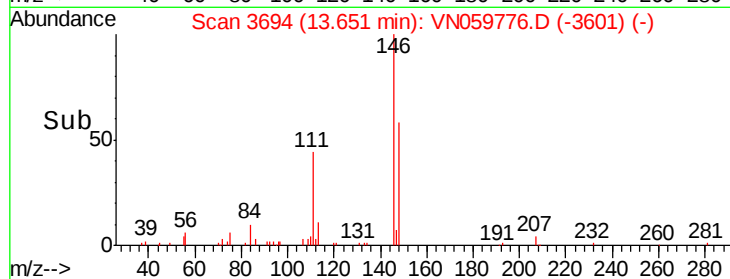
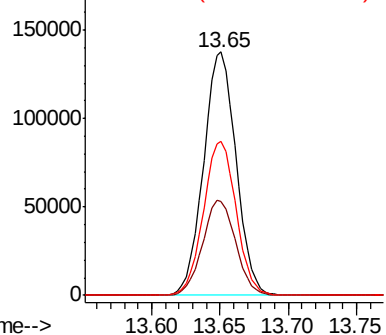
#91
 1,2-Dichlorobenzene
 Concen: 52.163 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059776.D
 Acq: 20 Jan 2020 10:05

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	21.6	64.8
148	63.6	31.6	95.0

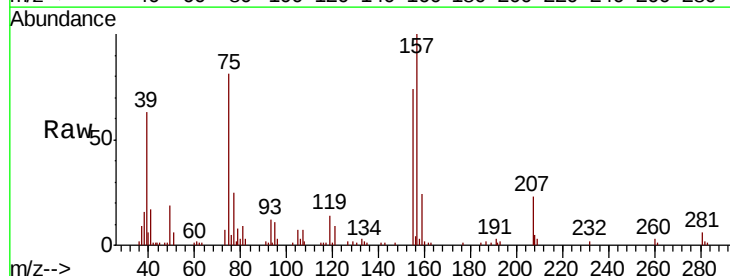


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

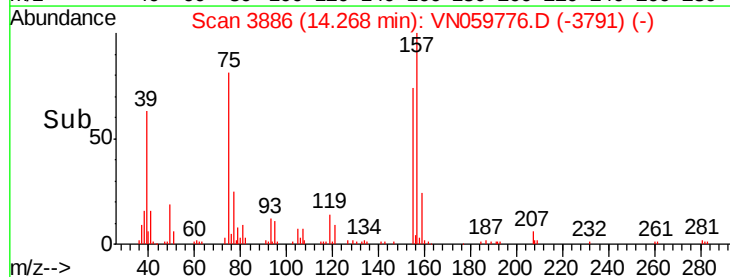
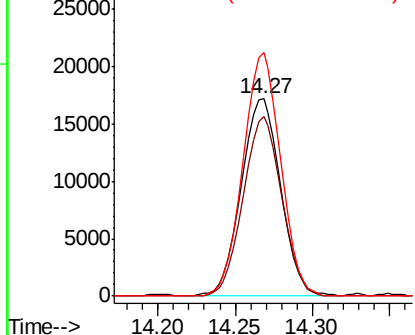


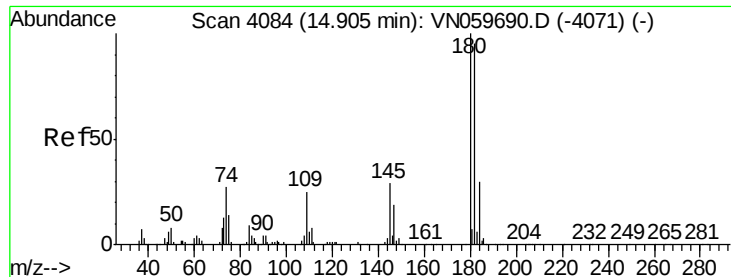
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.914 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN059776.D
 Acq: 20 Jan 2020 10:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.5	37.0	110.9
157	117.0	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: 57.540 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN059776.D

Acq: 20 Jan 2020 10:05

Instrument :

MSVOA_N

ClientSampleId :

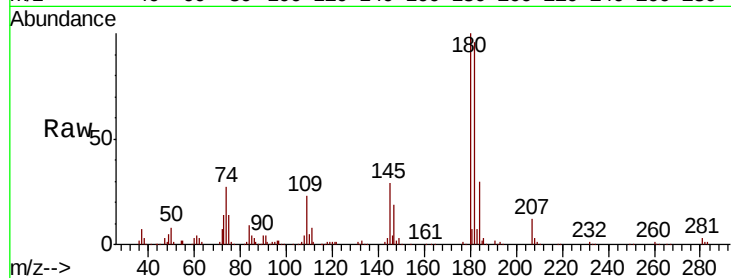
Tot Ion:180 Resp: 151101

Ion Ratio Lower Upper

180 100

182 96.3 46.9 140.7

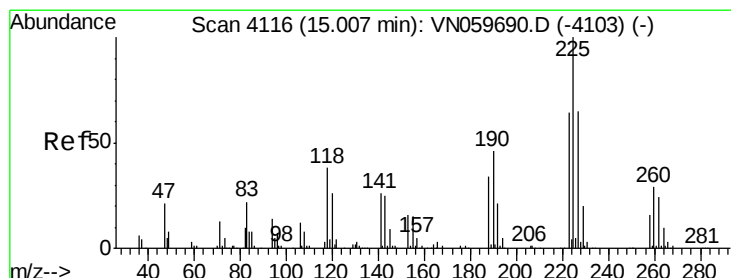
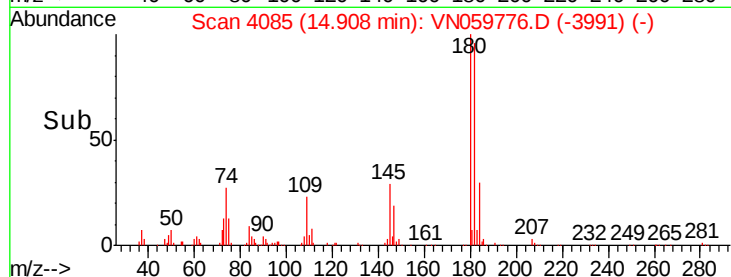
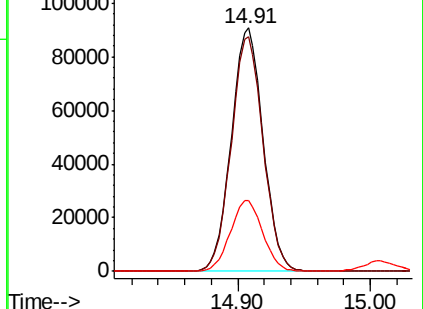
145 29.6 15.0 45.1



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: 53.427 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN059776.D

Acq: 20 Jan 2020 10:05

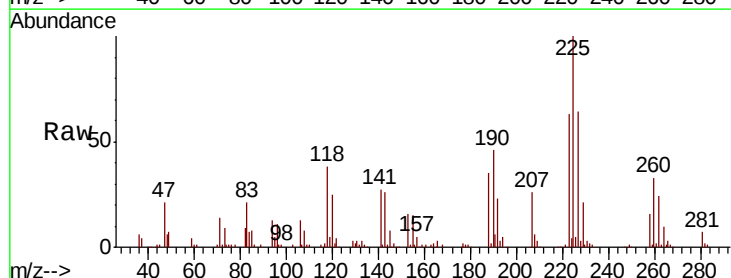
Tgt Ion:225 Resp: 77314

Ion Ratio Lower Upper

225 100

223 63.2 31.8 95.3

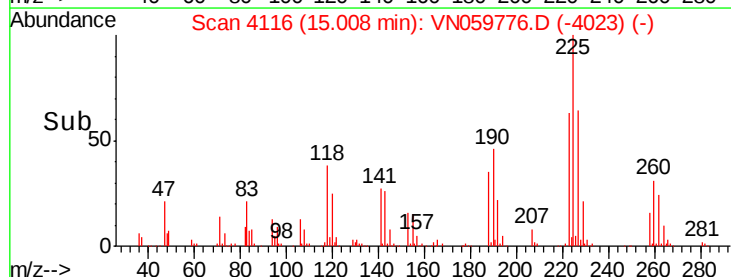
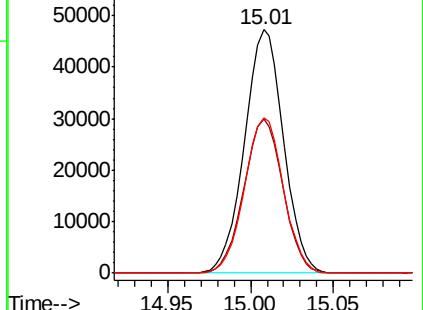
227 63.6 32.1 96.5

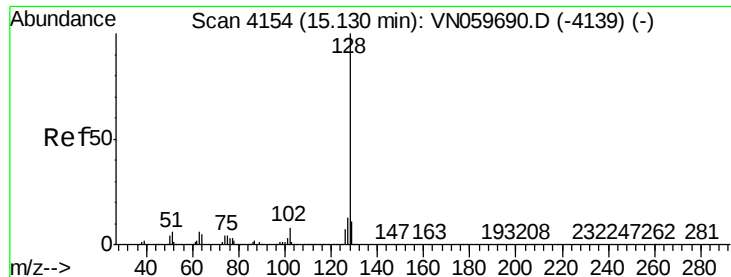


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 53.251 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059776.D

Acq: 20 Jan 2020 10:05

Instrument :

MSVOA_N

ClientSampleId :

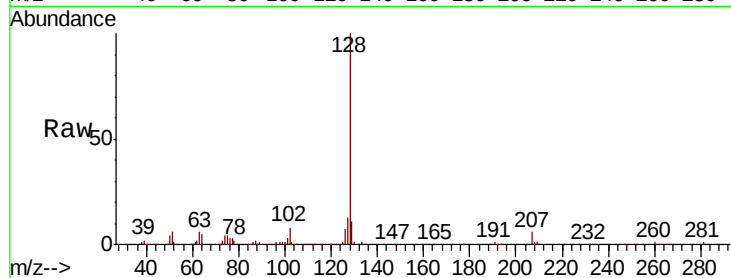
Tot Ion:128 Resp: 397754

Ion Ratio Lower Upper

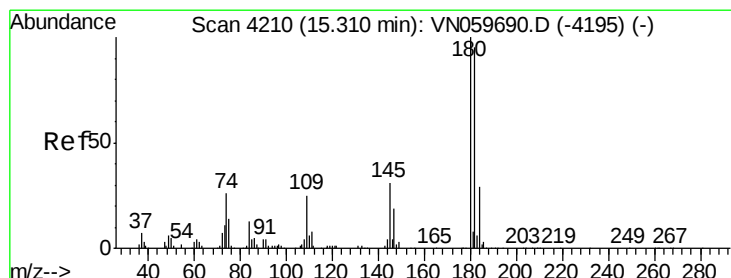
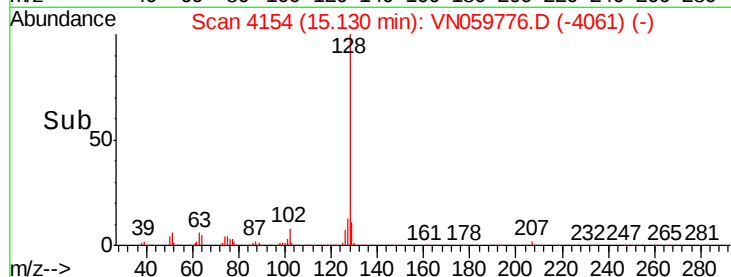
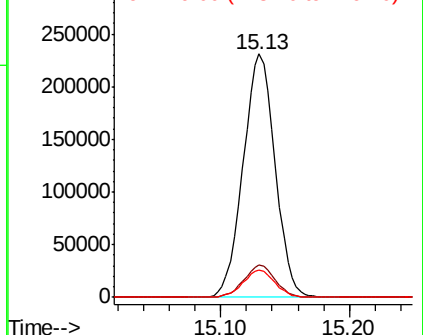
128 100

127 13.0 10.4 15.6

129 11.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 56.285 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN059776.D

Acq: 20 Jan 2020 10:05

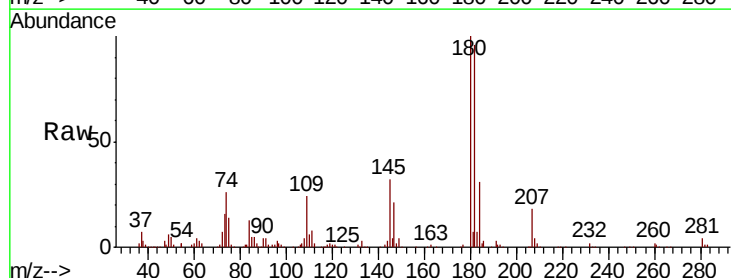
Tgt Ion:180 Resp: 143870

Ion Ratio Lower Upper

180 100

182 95.9 47.4 142.3

145 31.8 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

