

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022120\
 Data File : VN060194.D
 Acq On : 21 Feb 2020 17:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 21 22:27:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	189739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	299202	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	287406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	145006	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	112253	48.62	ug/l	0.00
Spiked Amount			Recovery	=	97.24%	
35) Dibromofluoromethane	7.57	113	89573	48.70	ug/l	0.00
Spiked Amount			Recovery	=	97.40%	
50) Toluene-d8	10.08	98	354524	48.95	ug/l	0.00
Spiked Amount			Recovery	=	97.90%	
62) 4-Bromofluorobenzene	12.40	95	133303	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	85038	44.838	ug/l	99
3) Chloromethane	2.04	50	98303	43.555	ug/l	99
4) Vinyl Chloride	2.17	62	116544	45.302	ug/l	100
5) Bromomethane	2.55	94	69128	43.823	ug/l	99
6) Chloroethane	2.69	64	60902	46.805	ug/l	97
7) Trichlorofluoromethane	3.00	101	150443	45.358	ug/l	97
8) Diethyl Ether	3.38	74	53929	48.845	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	84568	45.924	ug/l	99
10) Methyl Iodide	3.93	142	118444	47.967	ug/l	99
11) Tert butyl alcohol	4.73	59	68684	198.796	ug/l	100
12) 1,1-Dichloroethene	3.72	96	83831	46.731	ug/l	99
13) Acrolein	3.58	56	79525	232.865	ug/l	96
14) Allyl chloride	4.29	41	125393	47.491	ug/l	97
15) Acrylonitrile	4.94	53	203747	241.476	ug/l	99
16) Acetone	3.78	43	179041	177.781	ug/l	99
17) Carbon Disulfide	4.03	76	230018	42.540	ug/l	100
18) Methyl Acetate	4.29	43	93059	49.190	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	287420	47.643	ug/l	99
20) Methylene Chloride	4.52	84	95053	47.309	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	91101	46.587	ug/l	98
22) Diisopropyl ether	5.92	45	288352	49.831	ug/l	96
23) Vinyl Acetate	5.86	43	1194988	245.912	ug/l	99
24) 1,1-Dichloroethane	5.82	63	168620	48.102	ug/l	99
25) 2-Butanone	6.80	43	269641	212.887	ug/l	97
26) 2,2-Dichloropropane	6.80	77	157101	47.184	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	107578	47.007	ug/l	98
28) Bromochloromethane	7.17	49	66085	47.953	ug/l	99
29) Tetrahydrofuran	7.18	42	176669	227.365	ug/l	98
30) Chloroform	7.35	83	176084	47.953	ug/l	98
31) Cyclohexane	7.63	56	147971	45.314	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	161355	48.085	ug/l	100
36) 1,1-Dichloropropene	7.77	75	131237	47.355	ug/l	100
37) Ethyl Acetate	6.90	43	116439	46.489	ug/l	99
38) Carbon Tetrachloride	7.75	117	138335	45.962	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	158459	46.062	ug/l	99
40) Benzene	8.02	78	388053	47.204	ug/l	99
41) Methacrylonitrile	7.18	41	165546	157.606	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	141754	49.198	ug/l	99
43) Isopropyl Acetate	8.14	43	205033	47.888	ug/l	99
44) Trichloroethene	8.82	130	107346	47.158	ug/l	99
45) 1,2-Dichloropropane	9.10	63	101140	49.694	ug/l	98
46) Dibromomethane	9.19	93	68772	47.816	ug/l	98
47) Bromodichloromethane	9.39	83	142844	48.851	ug/l	98
48) Methyl methacrylate	9.18	41	89951	46.826	ug/l	99
49) 1,4-Dioxane	9.18	88	25201	767.821	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	585875	236.412	ug/l	100
52) Toluene	10.14	92	253362	48.061	ug/l	97
53) t-1,3-Dichloropropene	10.37	75	161646	48.974	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	170356	49.015	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	98219	47.757	ug/l	98
56) Ethyl methacrylate	10.42	69	146119	50.224	ug/l	98
57) 1,3-Dichloropropane	10.70	76	162967	48.022	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	333636	246.156	ug/l	99
59) 2-Hexanone	10.74	43	426826	222.962	ug/l	99
60) Dibromochloromethane	10.89	129	112452	47.648	ug/l	99
61) 1,2-Dibromoethane	10.99	107	103179	47.858	ug/l	99
64) Tetrachloroethene	10.62	164	100384	45.946	ug/l	99
65) Chlorobenzene	11.43	112	271356	46.342	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	104971	47.389	ug/l	99
67) Ethyl Benzene	11.50	91	498228	47.177	ug/l	99
68) m/p-Xylenes	11.62	106	373038	94.116	ug/l	100
69) o-Xylene	11.94	106	179997	47.165	ug/l	100
70) Styrene	11.96	104	296716	48.214	ug/l	100
71) Bromoform	12.12	173	84732	47.559	ug/l #	98
73) Isopropylbenzene	12.24	105	492748	45.506	ug/l	100
74) N-amyl acetate	12.06	43	185425	47.488	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	141061	45.259	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	189615	68.347	ug/l #	100
77) Bromobenzene	12.52	156	123807	46.072	ug/l	100
78) n-propylbenzene	12.59	91	564361	45.745	ug/l	100
79) 2-Chlorotoluene	12.67	91	329114	45.387	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	414344	46.022	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	51553	45.499	ug/l	98
82) 4-Chlorotoluene	12.77	91	342075	45.980	ug/l	99
83) tert-Butylbenzene	12.99	119	358193	44.974	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	416421	46.856	ug/l	99
85) sec-Butylbenzene	13.17	105	481392	45.639	ug/l	100
86) p-Isopropyltoluene	13.28	119	436007	45.624	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	220401	46.334	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	219336	46.120	ug/l	99
89) n-Butylbenzene	13.61	91	387469	46.096	ug/l	100
90) Hexachloroethane	13.87	117	81023	45.382	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	216344	46.474	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	28024	42.166	ug/l	99

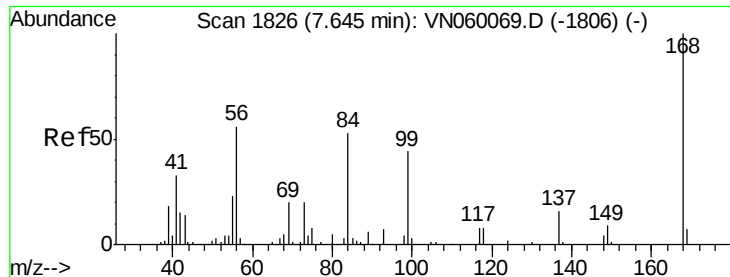
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	131190	47.963	ug/l	99
94) Hexachlorobutadiene	15.01	225	68775	42.950	ug/l	99
95) Naphthalene	15.13	128	332564	45.010	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	124673	45.770	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: VN060194.D

Acq: 21 Feb 2020 17:43

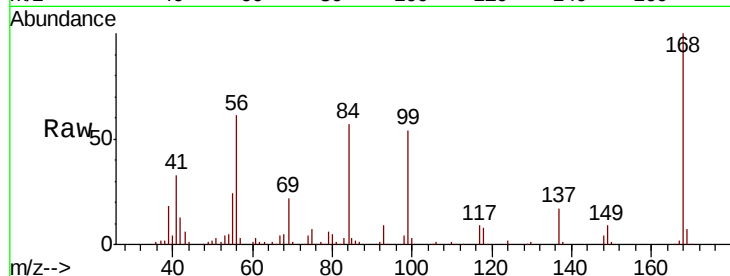
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 189739

Ion Ratio Lower Upper

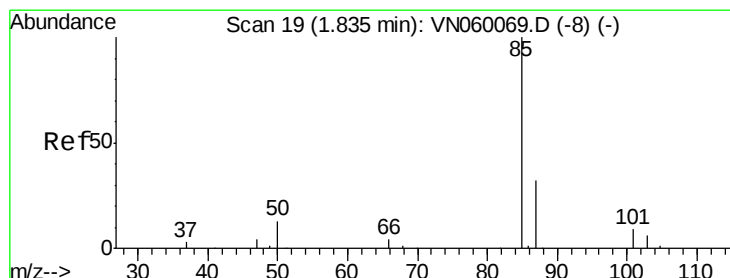
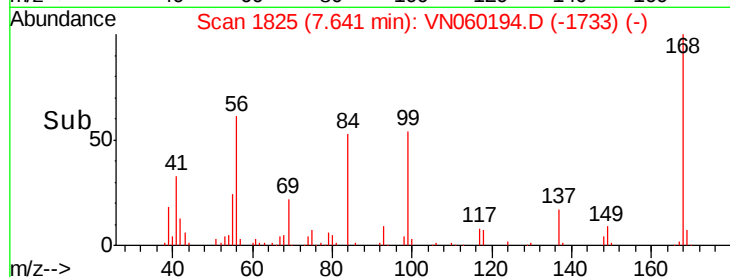
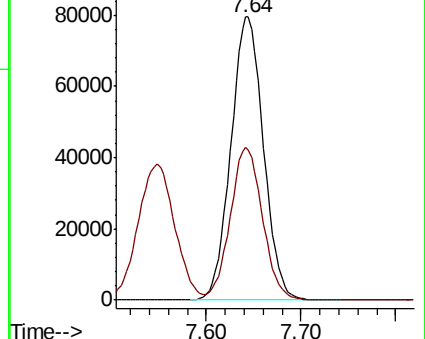
168 100

99 53.8 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 44.838 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060194.D

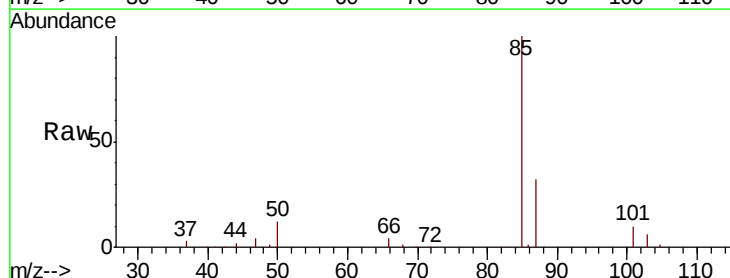
Acq: 21 Feb 2020 17:43

Tgt Ion: 85 Resp: 85038

Ion Ratio Lower Upper

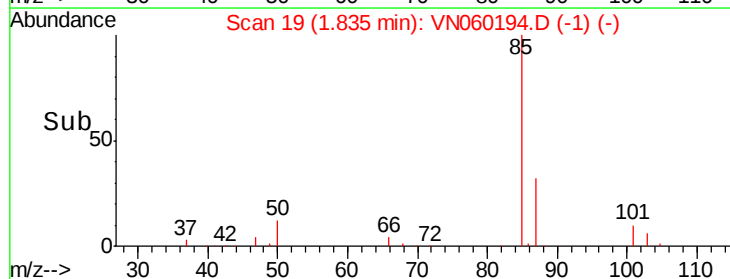
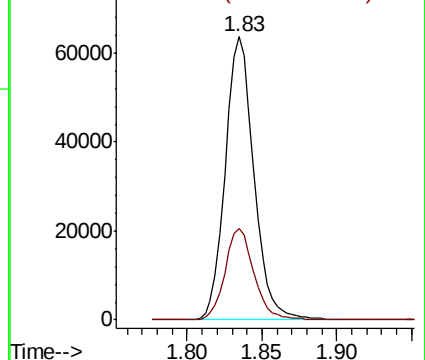
85 100

87 32.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 43.555 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060194.D

Acq: 21 Feb 2020 17:43

Instrument :

MSVOA_N

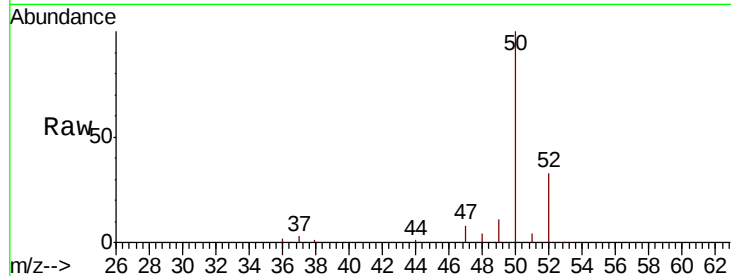
ClientSampled :

Tot Ion: 50 Resp: 98303

Ion Ratio Lower Upper

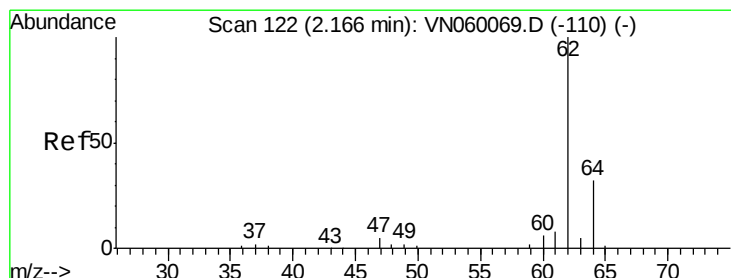
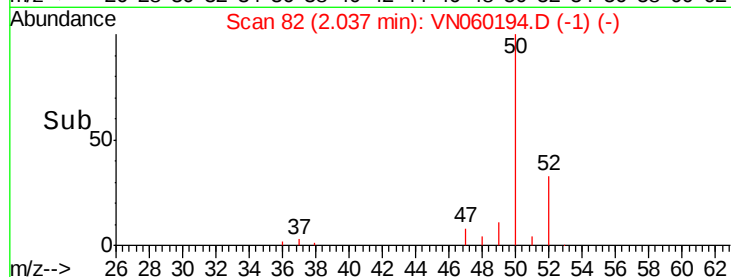
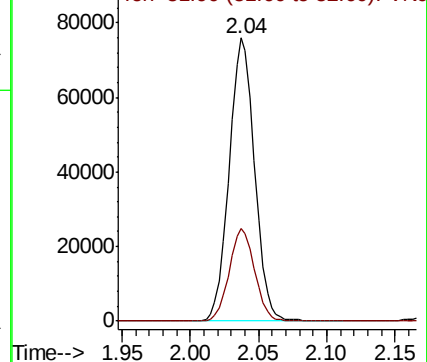
50 100

52 32.7 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 45.302 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN060194.D

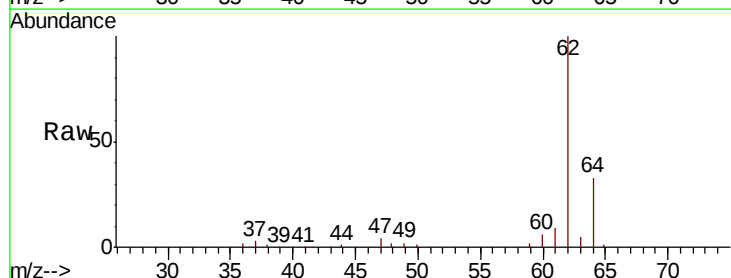
Acq: 21 Feb 2020 17:43

Tgt Ion: 62 Resp: 116544

Ion Ratio Lower Upper

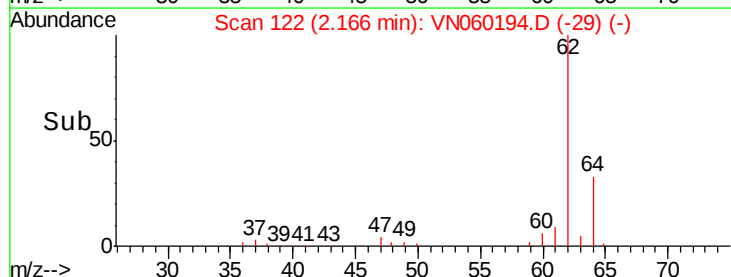
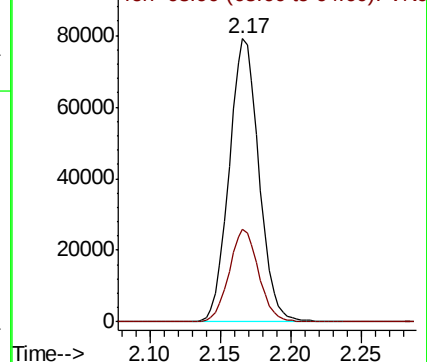
62 100

64 32.5 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

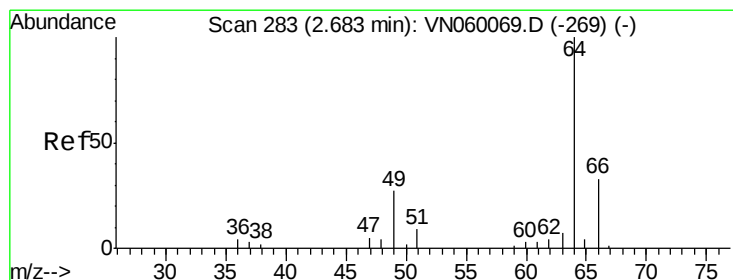
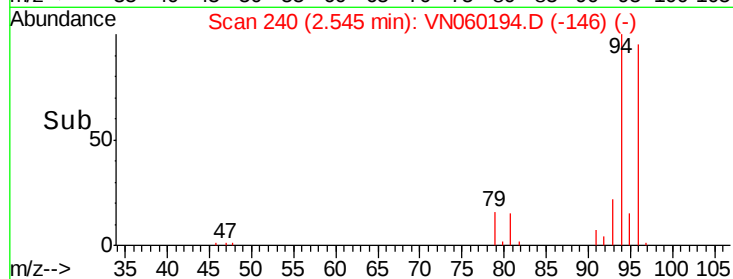
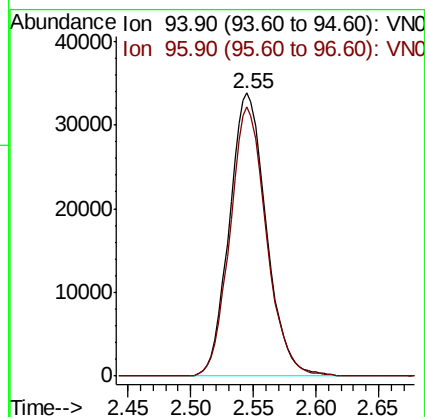
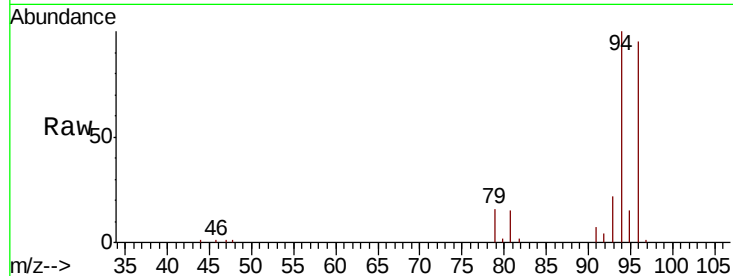




#5
Bromomethane
Concen: 43.823 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

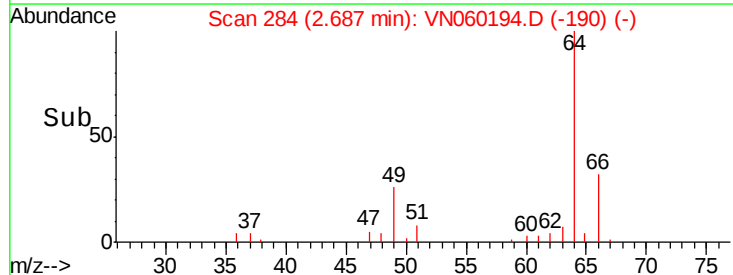
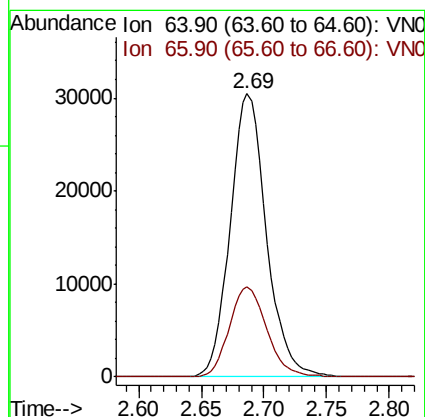
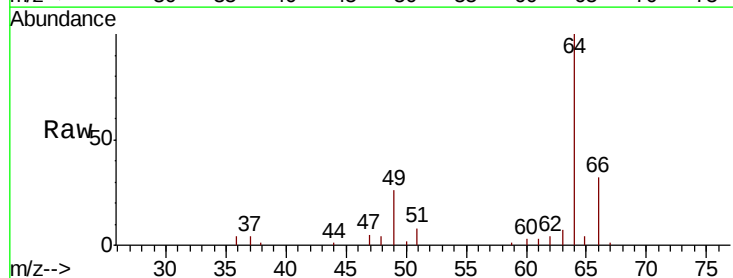
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 94 Resp: 69128
Ion Ratio Lower Upper
94 100
96 95.1 76.7 115.1



#6
Chloroethane
Concen: 46.805 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

Tgt Ion: 64 Resp: 60902
Ion Ratio Lower Upper
64 100
66 31.6 26.6 40.0



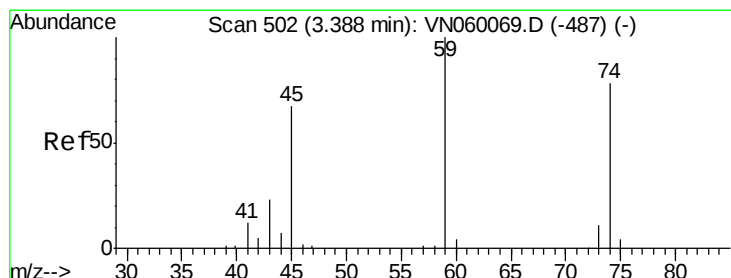
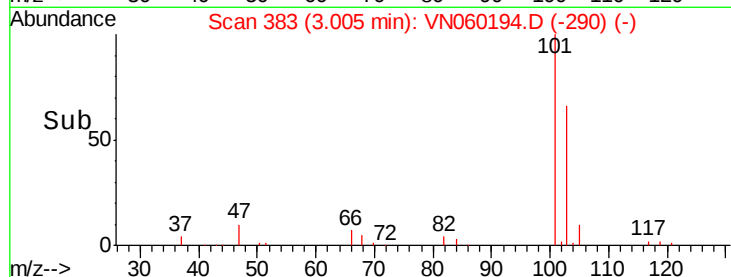
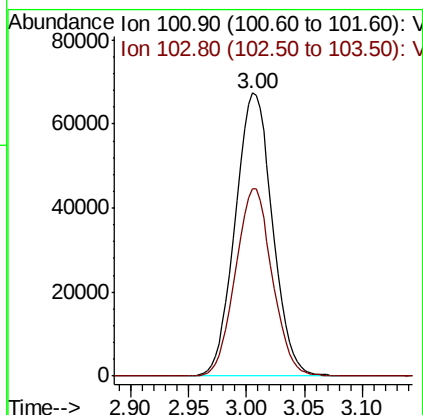
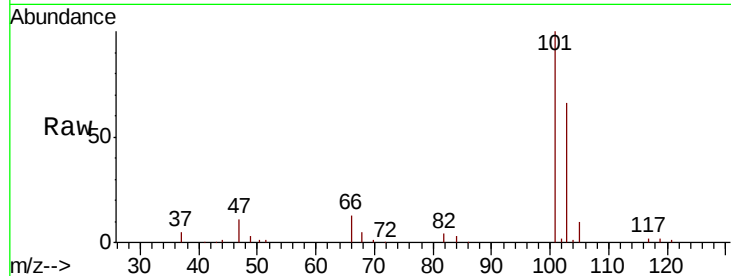


#7

Trichlorofluoromethane
Concen: 45.358 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

Instrument :
MSVOA_N
ClientSampleId :

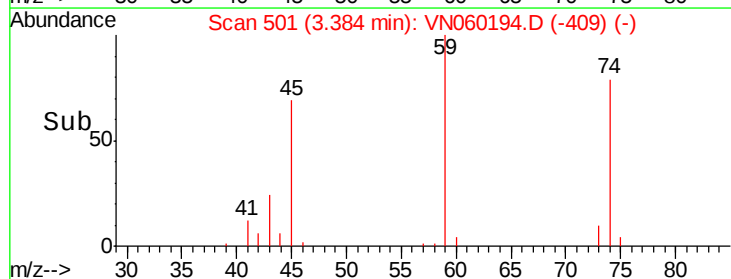
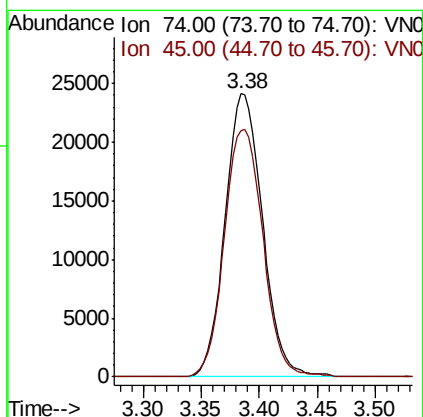
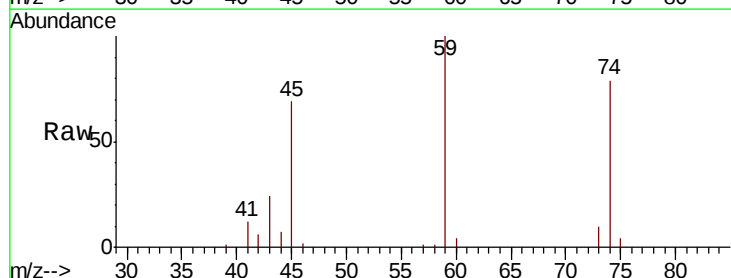
Tot Ion:101 Resp: 150443
Ion Ratio Lower Upper
101 100
103 66.3 51.0 76.6



#8

Diethyl Ether
Concen: 48.845 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

Tgt Ion: 74 Resp: 53929
Ion Ratio Lower Upper
74 100
45 90.3 44.7 134.1

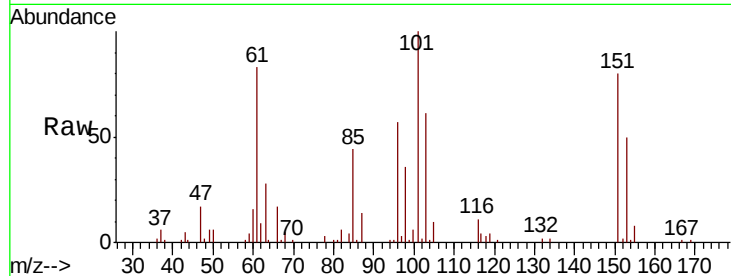




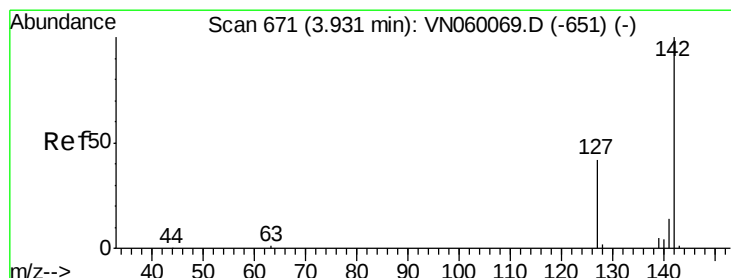
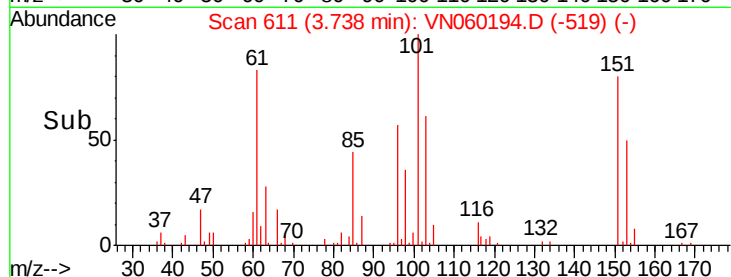
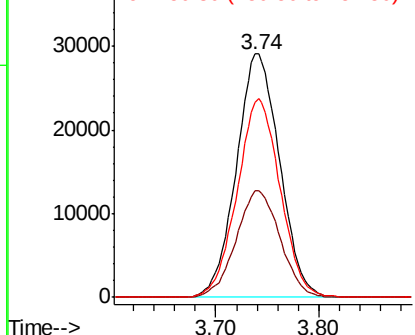
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 45.924 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN060194.D
 Acq: 21 Feb 2020 17:43

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:101 Resp: 84568
 Ion Ratio Lower Upper
 101 100
 85 44.5 35.1 52.7
 151 81.1 65.8 98.6

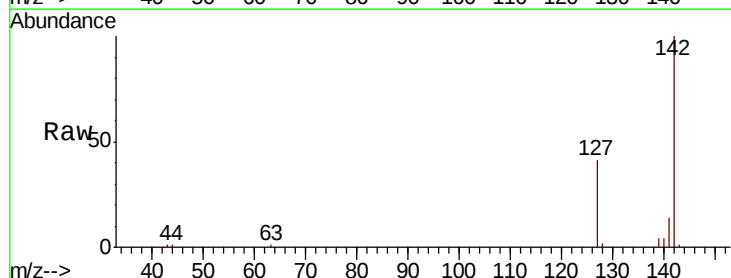


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

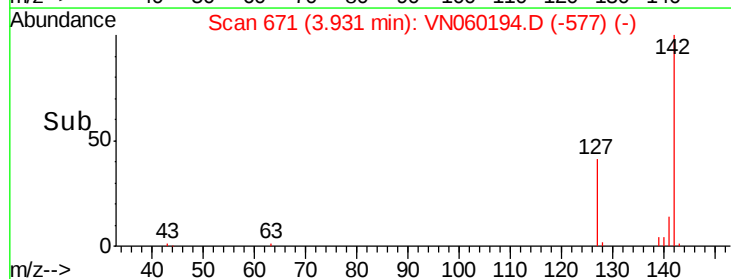
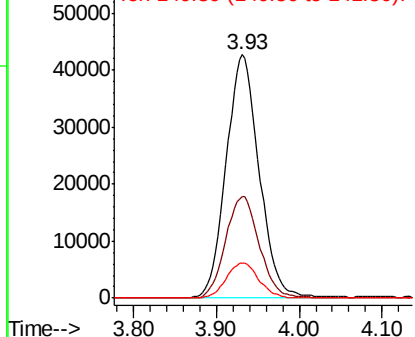


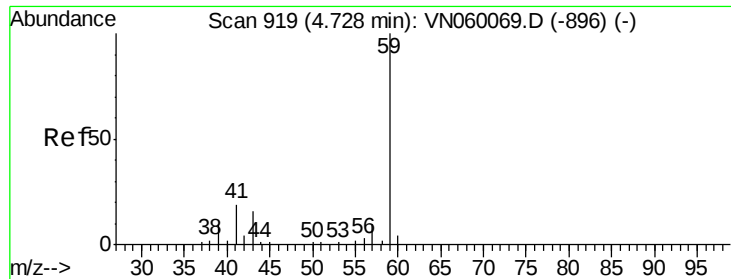
#10
 Methyl Iodide
 Concen: 47.967 ug/l
 RT: 3.93 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: VN060194.D
 Acq: 21 Feb 2020 17:43

Tgt Ion:142 Resp: 118444
 Ion Ratio Lower Upper
 142 100
 127 42.7 33.6 50.4
 141 14.2 11.4 17.2



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V



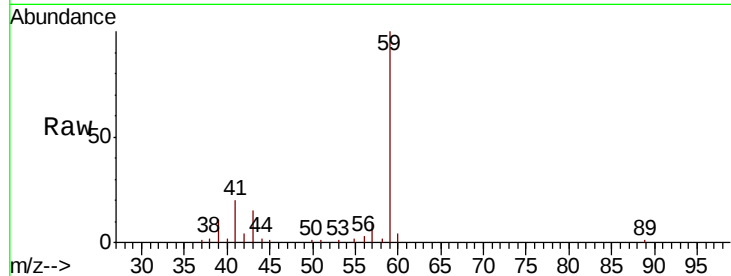


#11

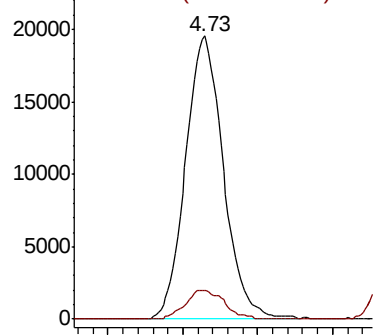
Tert butyl alcohol
 Concen: 198.796 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VN060194.D
 Acq: 21 Feb 2020 17:43

Instrument :
 MSVOA_N
 ClientSampled :

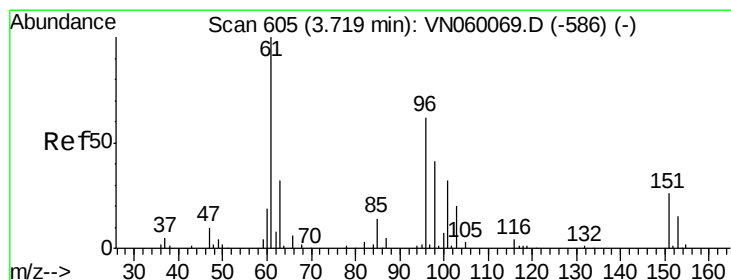
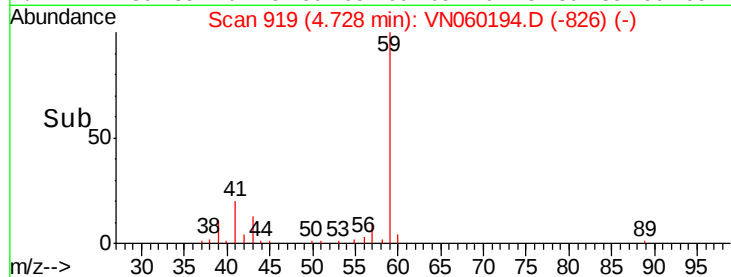
Tot Ion: 59 Resp: 68684
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VN0
 Ion 57.00 (56.70 to 57.70): VN0



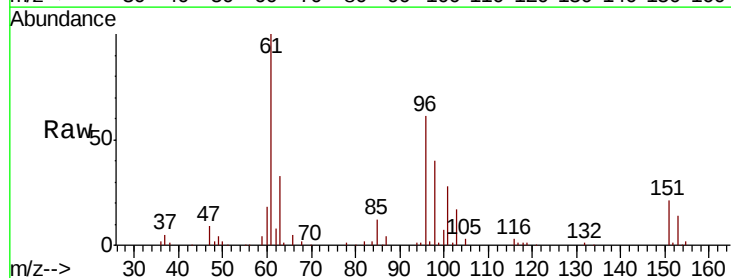
Time-->



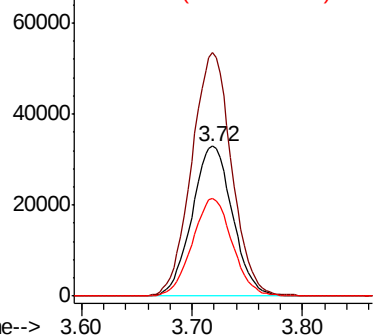
#12

1,1-Dichloroethene
 Concen: 46.731 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VN060194.D
 Acq: 21 Feb 2020 17:43

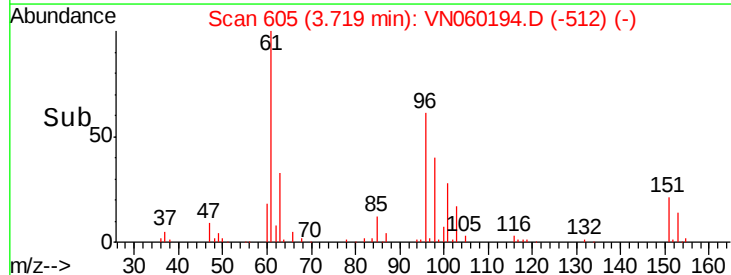
Tgt Ion: 96 Resp: 83831
 Ion Ratio Lower Upper
 96 100
 61 162.8 128.3 192.5
 98 65.6 52.2 78.4

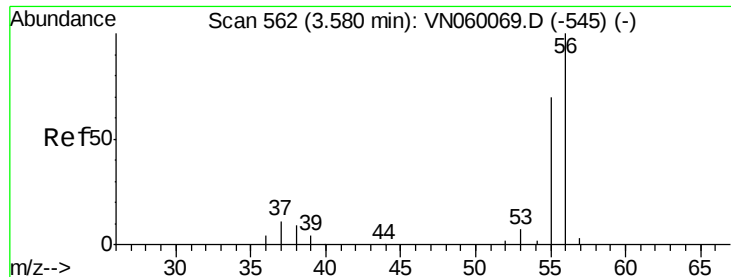


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0



Time-->





#13

Acrolein

Concen: 232.865 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN060194.D

Acq: 21 Feb 2020 17:43

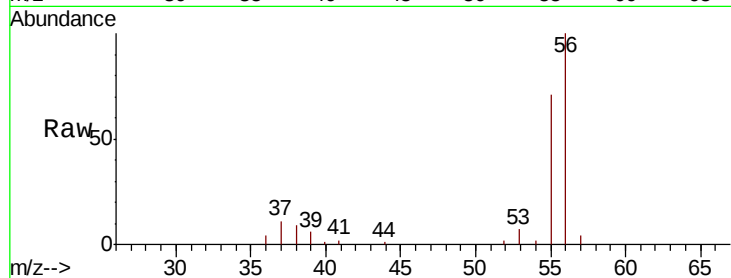
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 79525

Ion Ratio Lower Upper

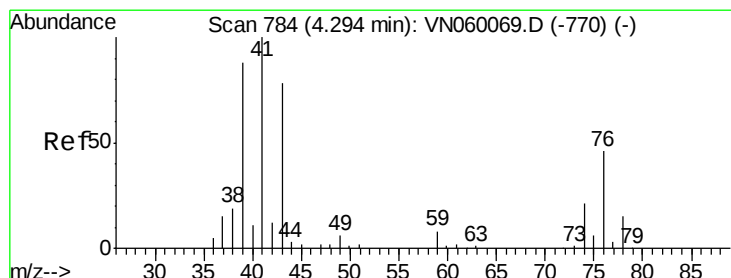
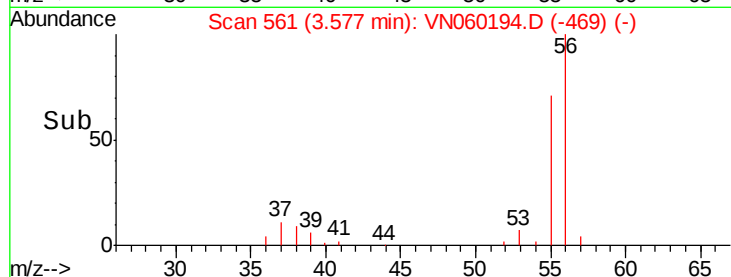
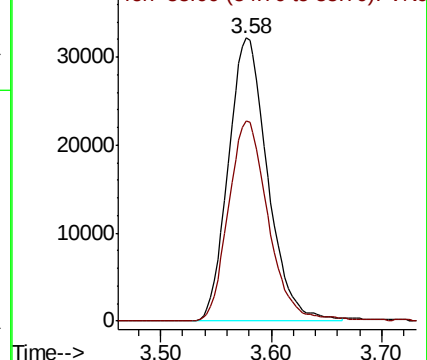
56 100

55 71.7 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 47.491 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN060194.D

Acq: 21 Feb 2020 17:43

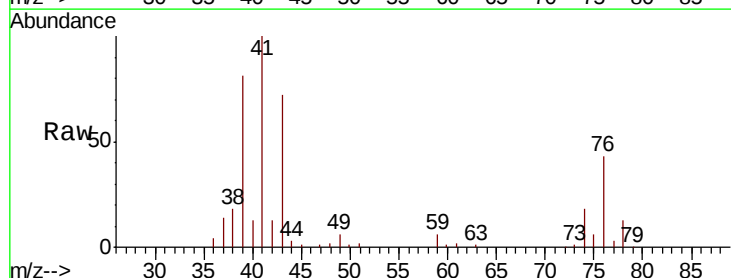
Tgt Ion: 41 Resp: 125393

Ion Ratio Lower Upper

41 100

39 81.5 67.8 101.8

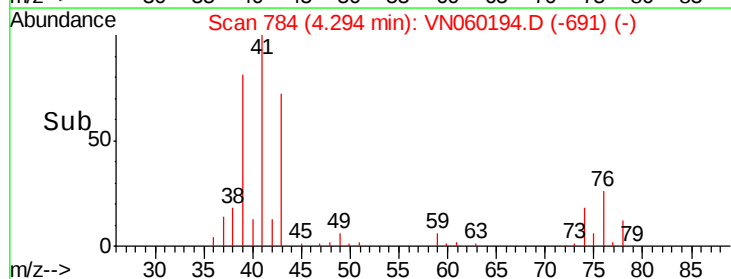
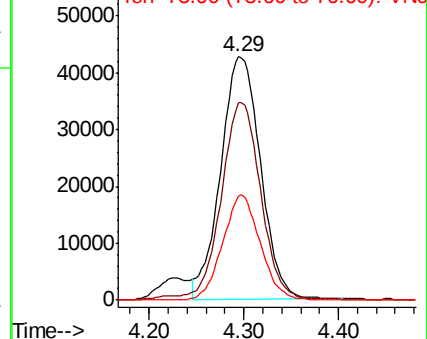
76 40.6 33.9 50.9

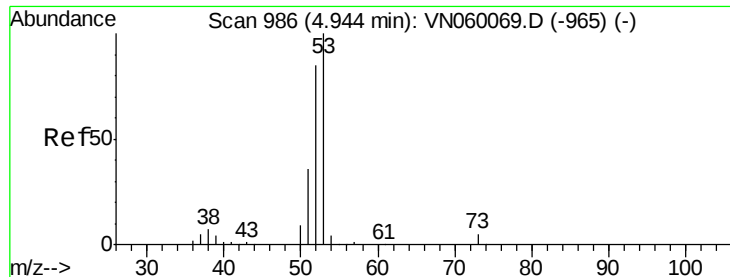


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 241.476 ug/l

RT: 4.94 min Scan# 986

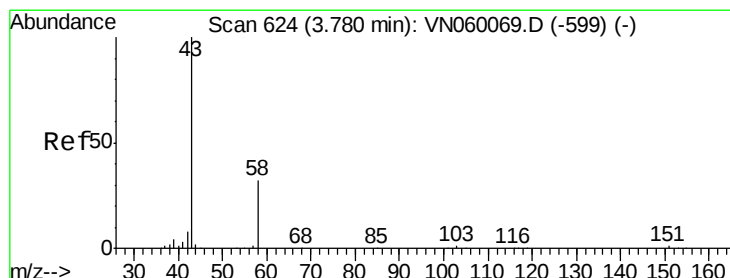
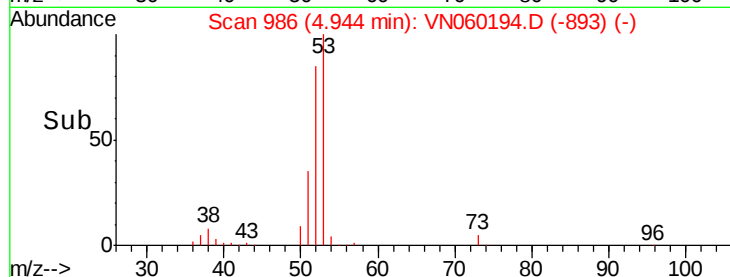
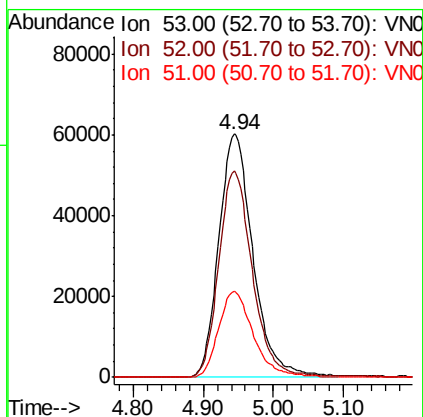
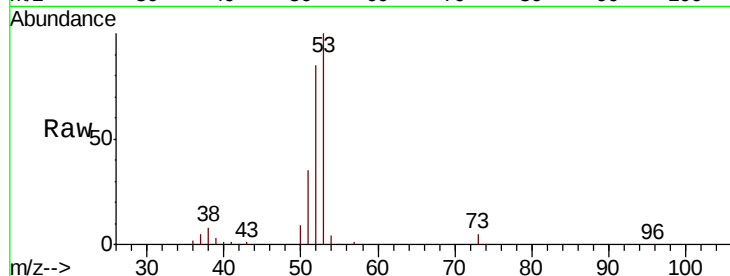
Delta R.T. 0.00 min

Lab File: VN060194.D

Acq: 21 Feb 2020 17:43

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	53	Resp:	203747
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.8	100.2
51	36.0	29.4	44.0



#16

Acetone

Concen: 177.781 ug/l

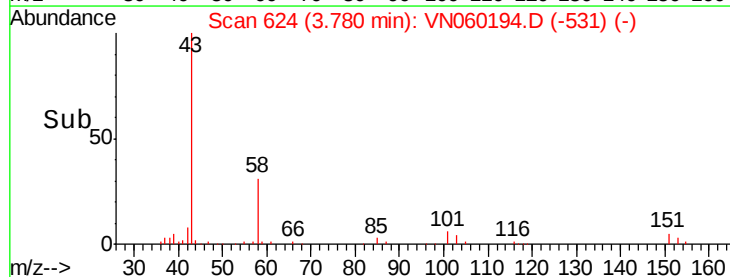
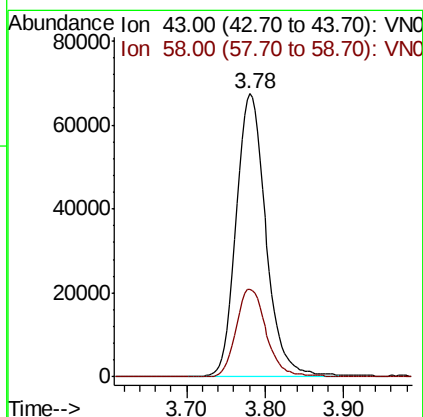
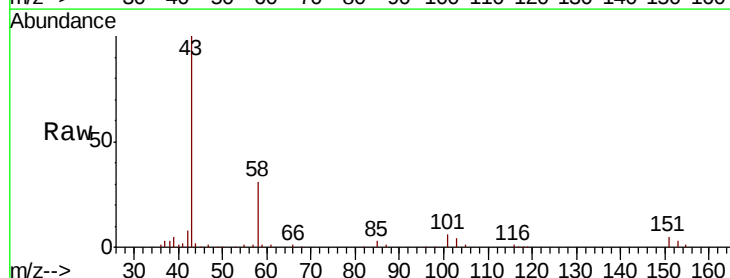
RT: 3.78 min Scan# 624

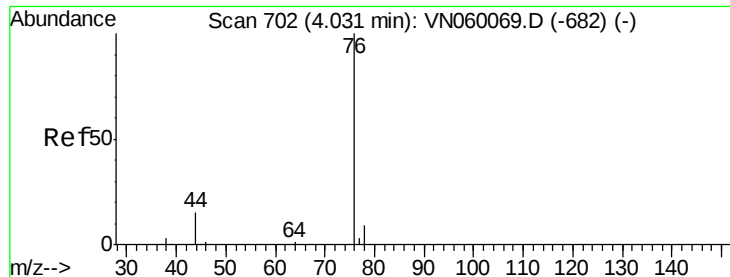
Delta R.T. 0.00 min

Lab File: VN060194.D

Acq: 21 Feb 2020 17:43

Tgt Ion:	43	Resp:	179041
Ion	Ratio	Lower	Upper
43	100		
58	31.1	25.2	37.8

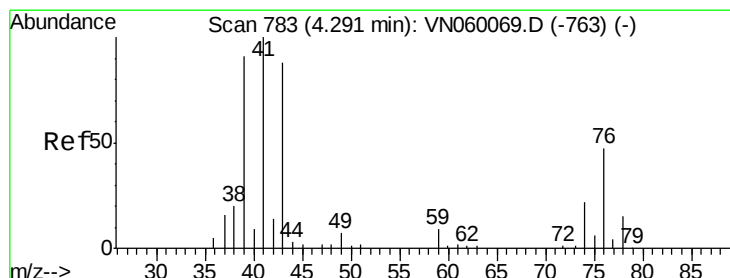
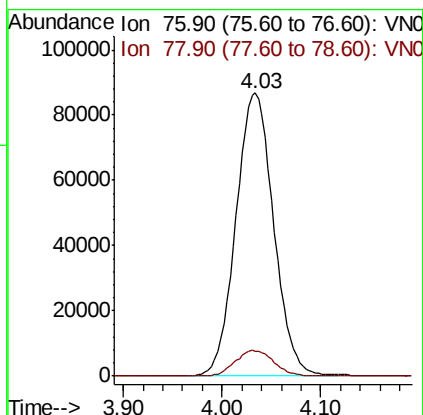
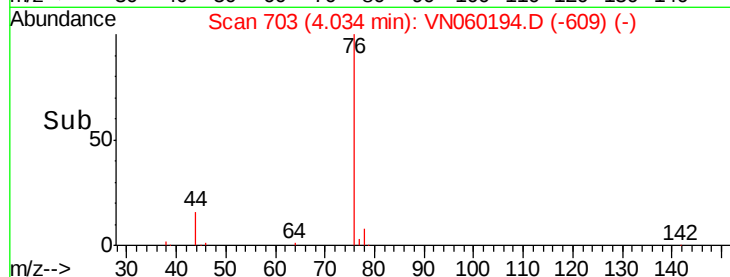
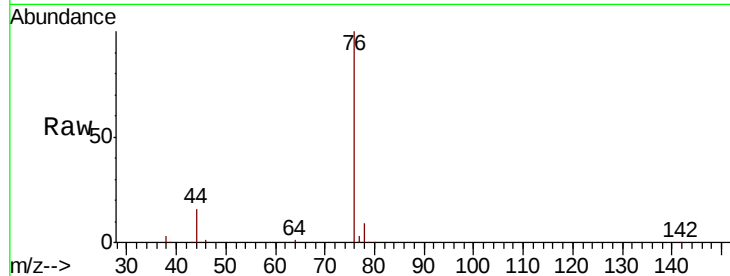




#17
Carbon Disulfide
Concen: 42.540 ug/l
RT: 4.03 min Scan# 703
Delta R.T. 0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

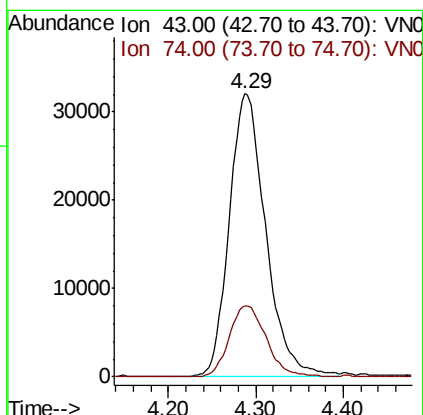
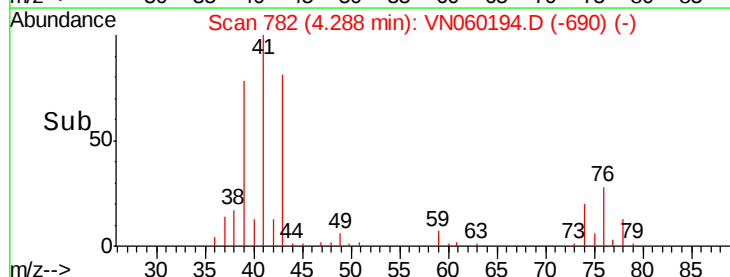
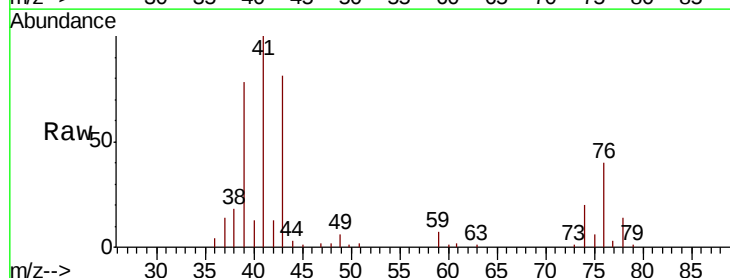
Instrument :
MSVOA_N
ClientSampleId :

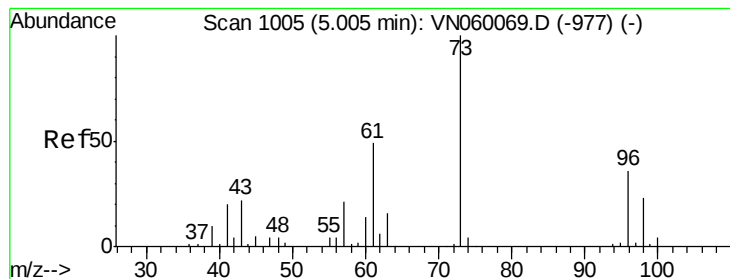
Tot Ion: 76 Resp: 230018
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 49.190 ug/l
RT: 4.29 min Scan# 782
Delta R.T. -0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

Tgt Ion: 43 Resp: 93059
Ion Ratio Lower Upper
43 100
74 25.4 20.3 30.5



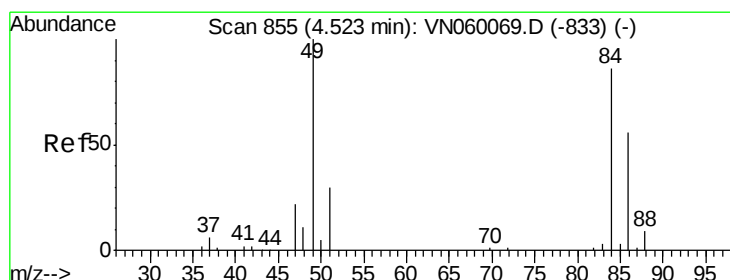
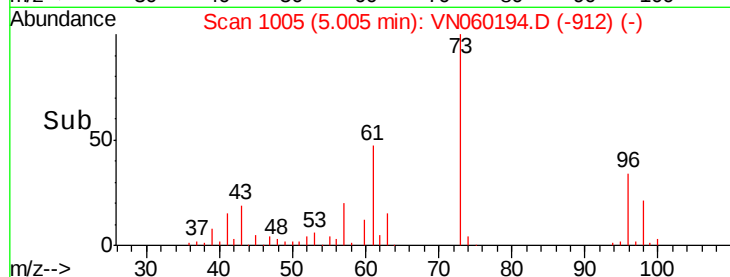
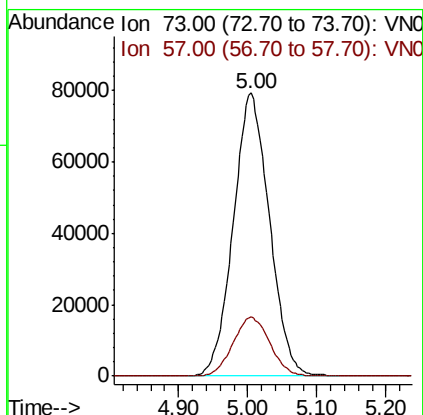
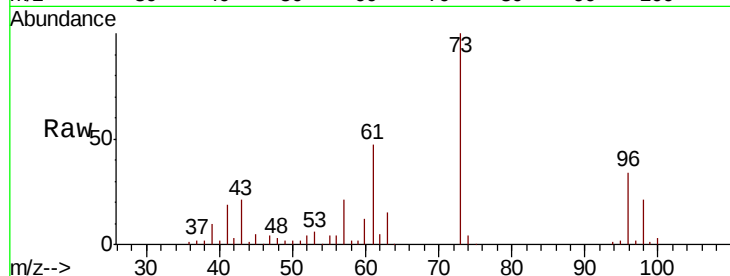


#19

Methyl tert-butyl Ether
 Concen: 47.643 ug/l
 RT: 5.00 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: VN060194.D
 Acq: 21 Feb 2020 17:43

Instrument :
 MSVOA_N
 ClientSampleId :

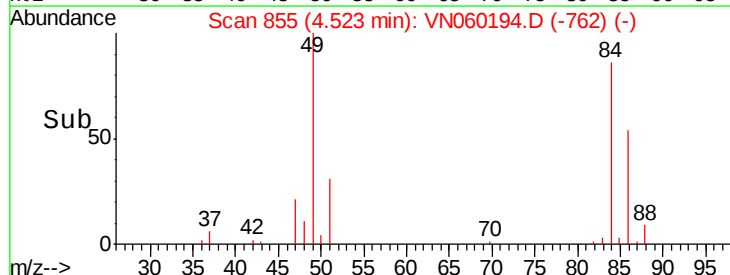
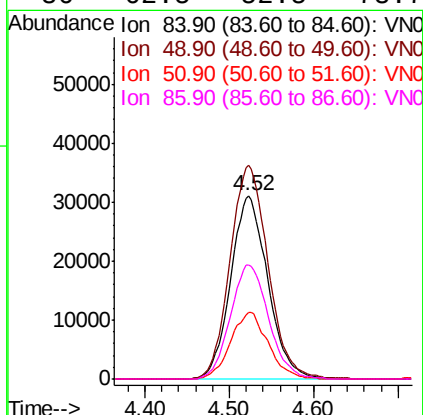
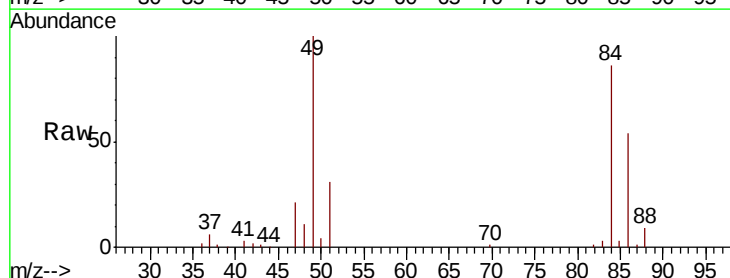
Tot Ion: 73 Resp: 287420
 Ion Ratio Lower Upper
 73 100
 57 21.0 17.2 25.8

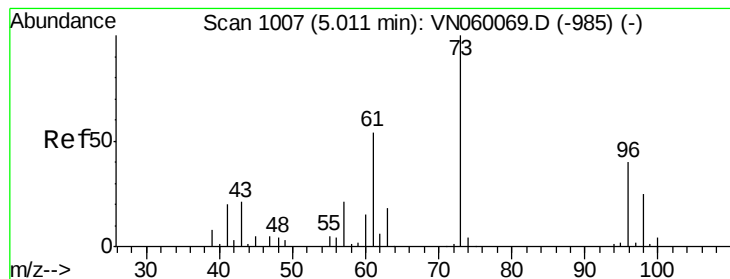


#20

Methylene Chloride
 Concen: 47.309 ug/l
 RT: 4.52 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VN060194.D
 Acq: 21 Feb 2020 17:43

Tgt Ion: 84 Resp: 95053
 Ion Ratio Lower Upper
 84 100
 49 116.6 93.4 140.0
 51 36.4 28.4 42.6
 86 62.5 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 46.587 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN060194.D

Acq: 21 Feb 2020 17:43

Instrument :
MSVOA_N
ClientSampled :

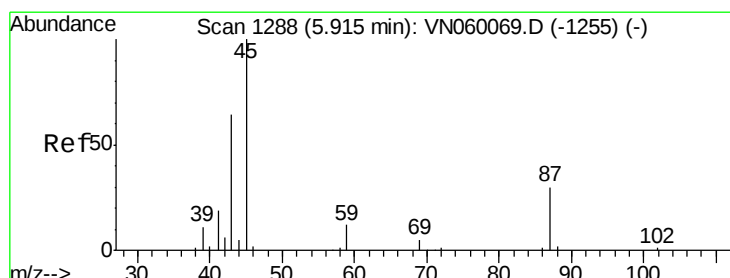
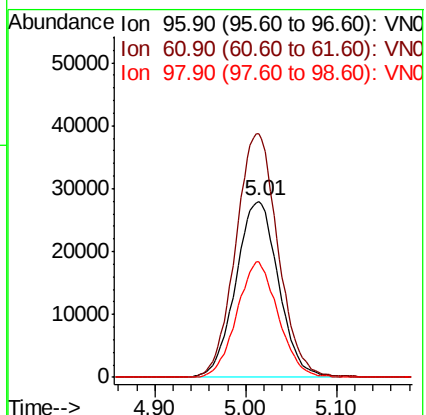
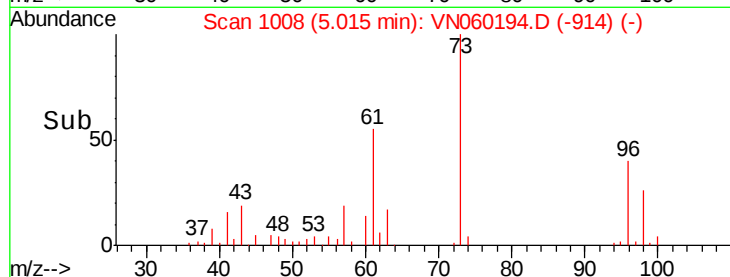
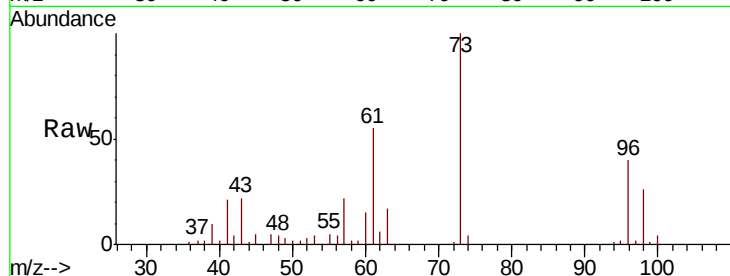
Tot Ion: 96 Resp: 91101

Ion Ratio Lower Upper

96 100

61 138.3 109.3 163.9

98 65.3 51.0 76.6



#22

Diisopropyl ether

Concen: 49.831 ug/l

RT: 5.92 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VN060194.D

Acq: 21 Feb 2020 17:43

Tgt Ion: 45 Resp: 288352

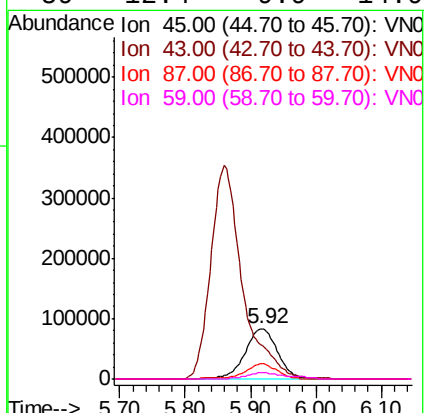
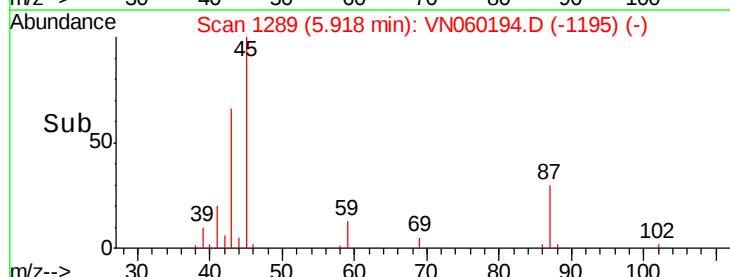
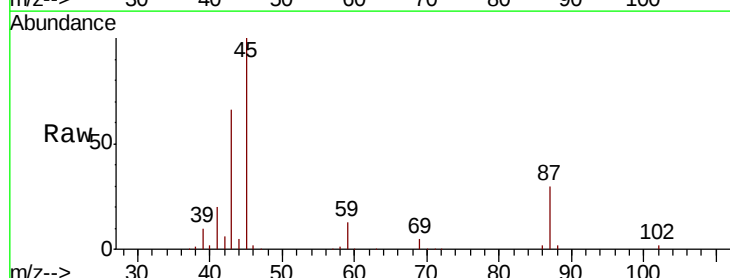
Ion Ratio Lower Upper

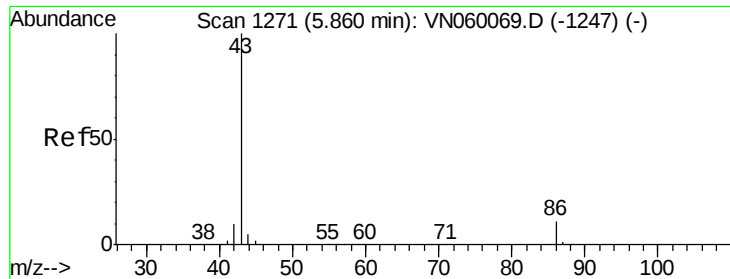
45 100

43 64.8 55.9 83.9

87 29.8 24.5 36.7

59 12.4 9.9 14.9

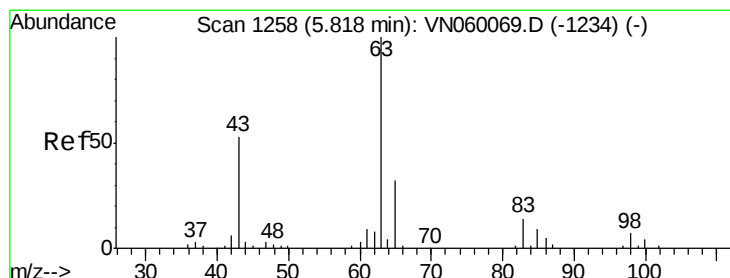
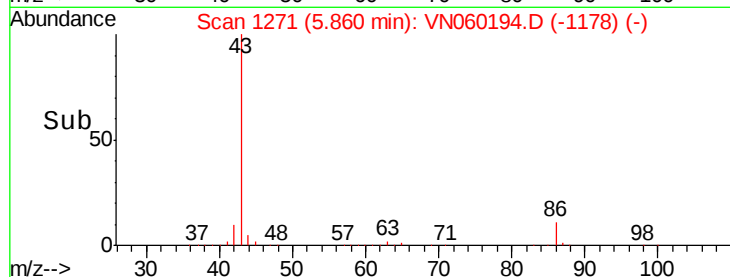
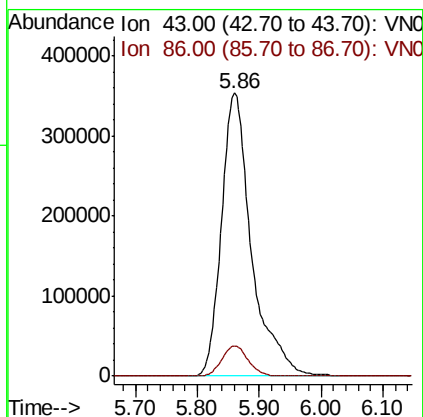
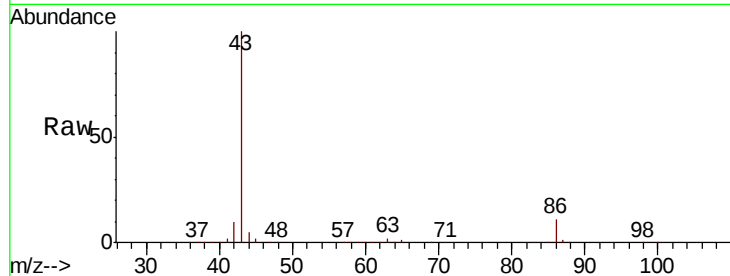




#23
 Vinyl Acetate
 Concen: 245.912 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VN060194.D
 Acq: 21 Feb 2020 17:43

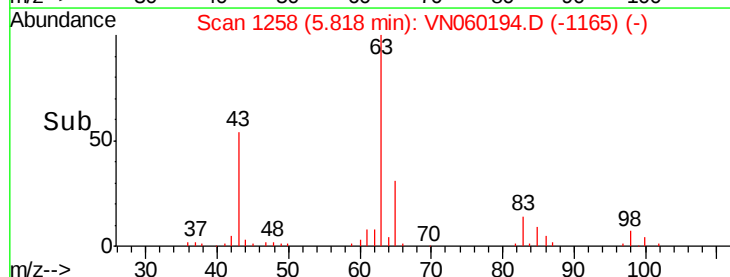
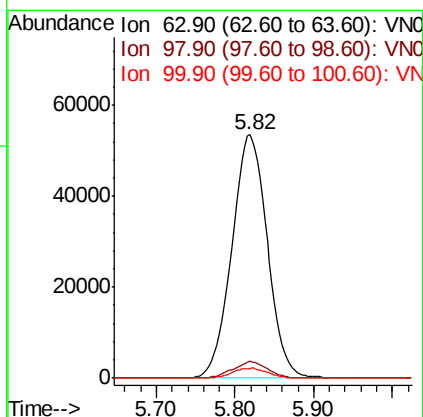
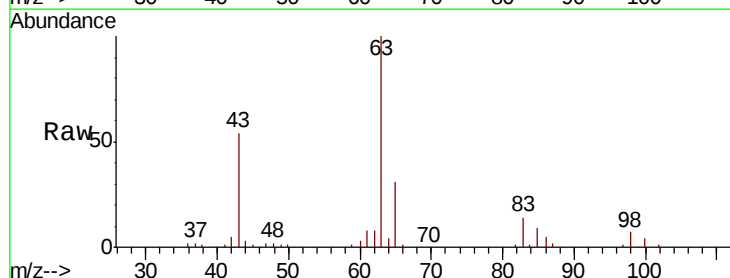
Instrument :
 MSVOA_N
 ClientSampleId :

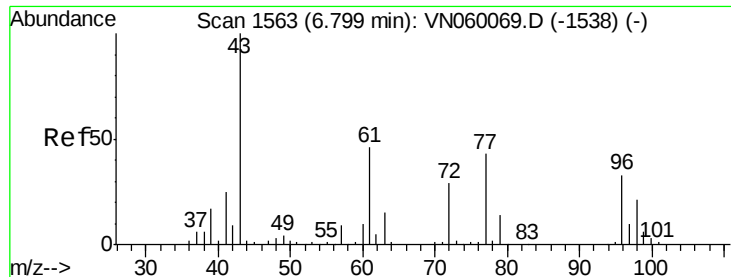
Tot Ion: 43 Resp: 1194988
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 48.102 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: VN060194.D
 Acq: 21 Feb 2020 17:43

Tgt Ion: 63 Resp: 168620
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.5
 100 4.0 2.2 6.6

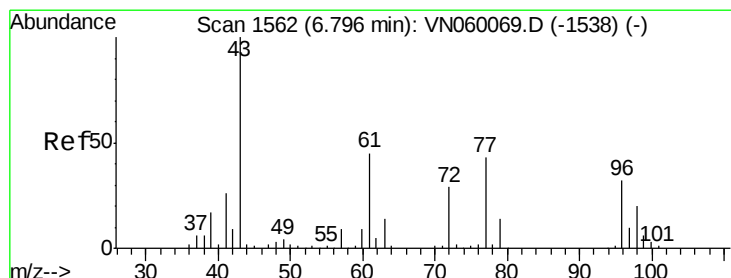
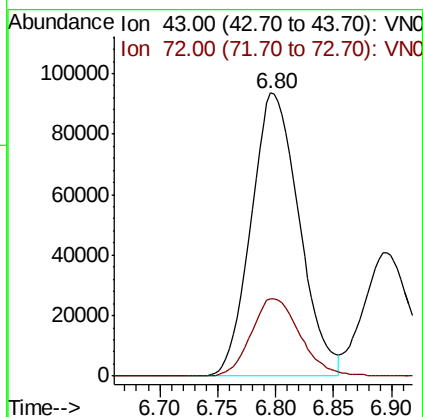
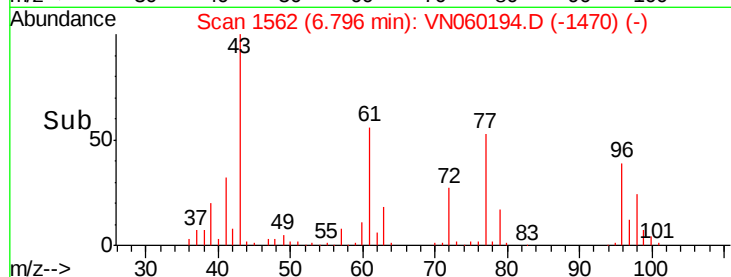
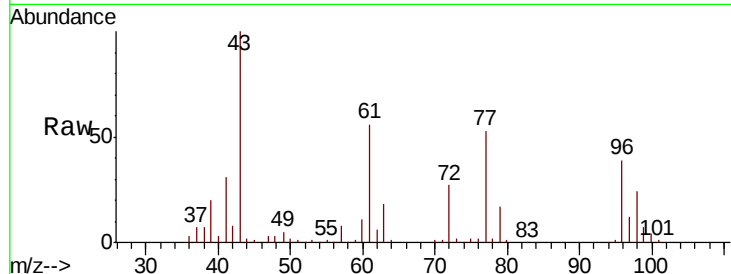




#25
2-Butanone
Concen: 212.887 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

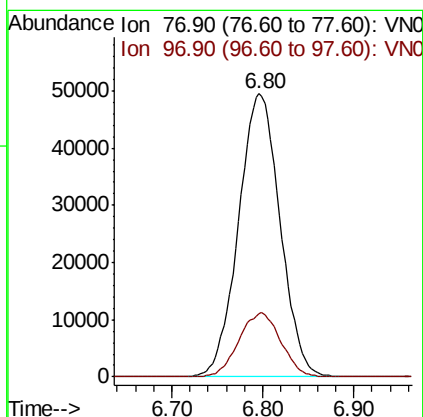
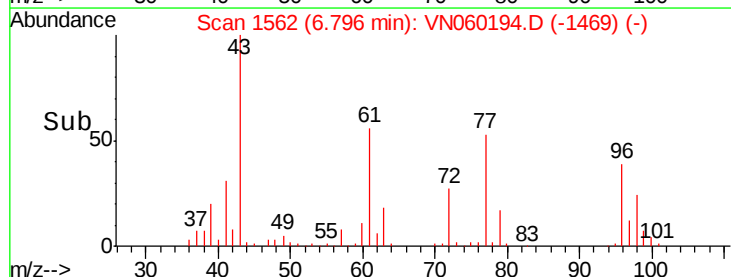
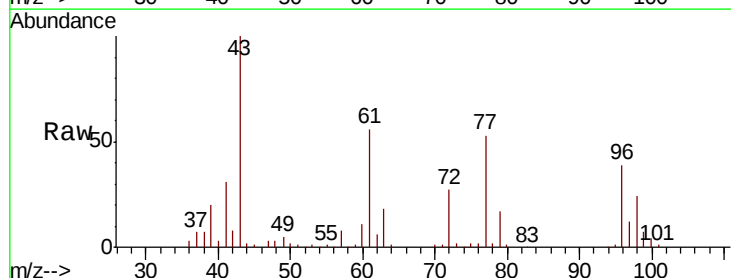
Instrument :
MSVOA_N
ClientSampleId :

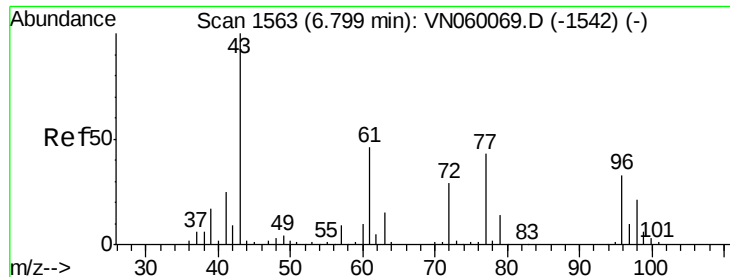
Tot Ion: 43 Resp: 269641
Ion Ratio Lower Upper
43 100
72 27.3 23.3 34.9



#26
2,2-Dichloropropane
Concen: 47.184 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

Tgt Ion: 77 Resp: 157101
Ion Ratio Lower Upper
77 100
97 22.8 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 47.007 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060194.D

Acq: 21 Feb 2020 17:43

Instrument :

MSVOA_N

ClientSampled :

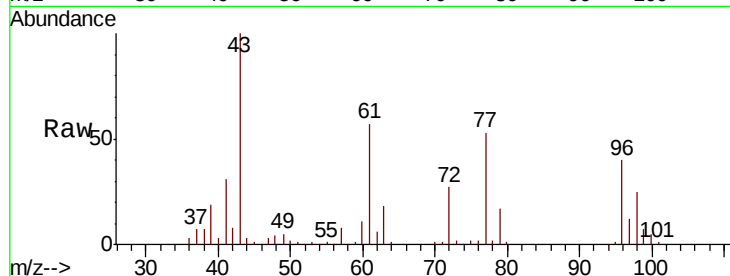
Tot Ion: 96 Resp: 107578

Ion Ratio Lower Upper

96 100

61 145.5 0.0 285.8

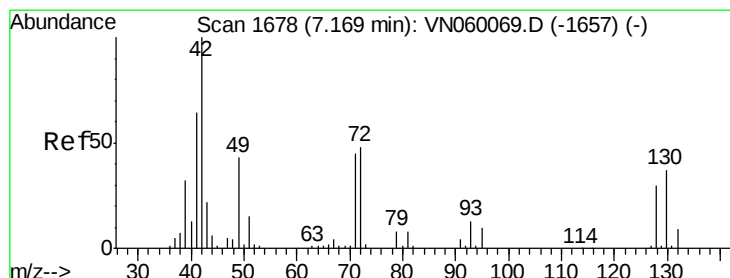
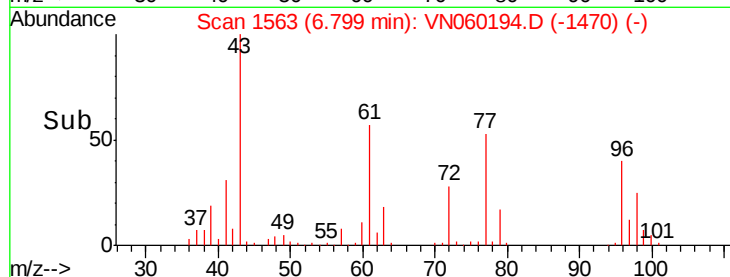
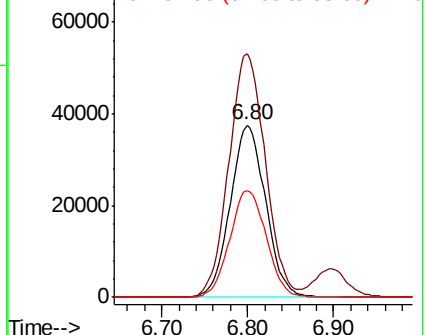
98 63.6 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 47.953 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN060194.D

Acq: 21 Feb 2020 17:43

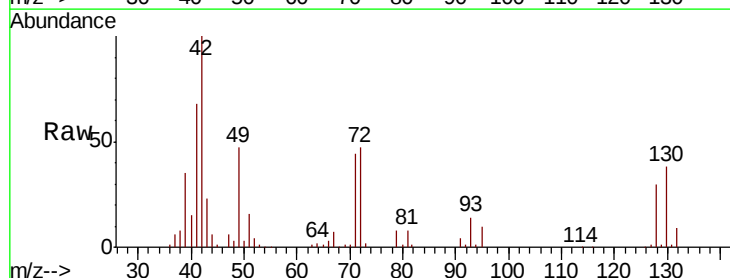
Tgt Ion: 49 Resp: 66085

Ion Ratio Lower Upper

49 100

129 2.0 0.0 2.2

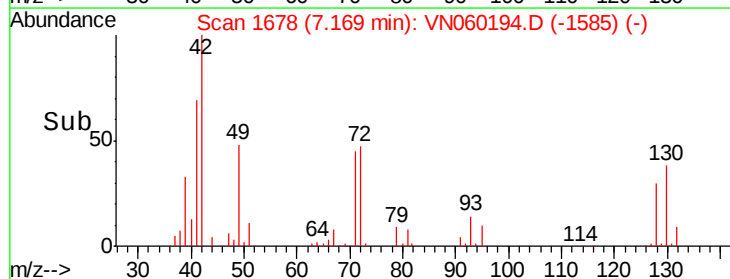
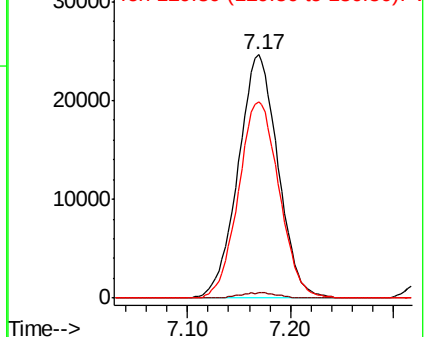
130 82.2 66.8 100.2

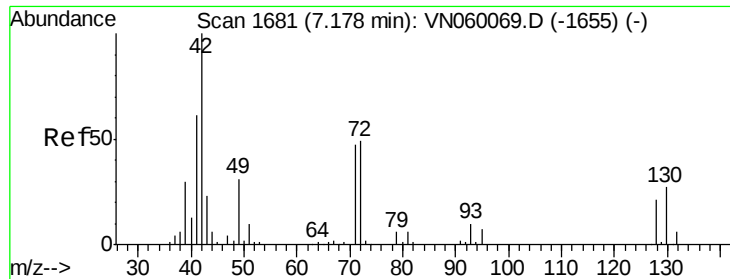


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

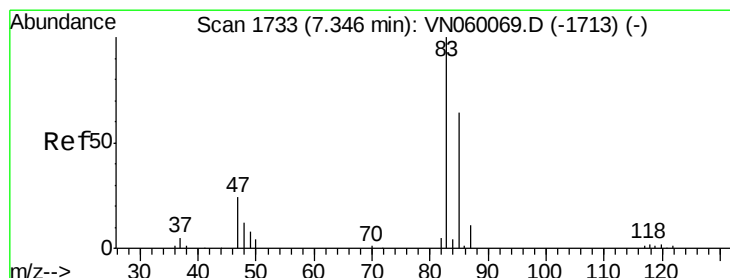
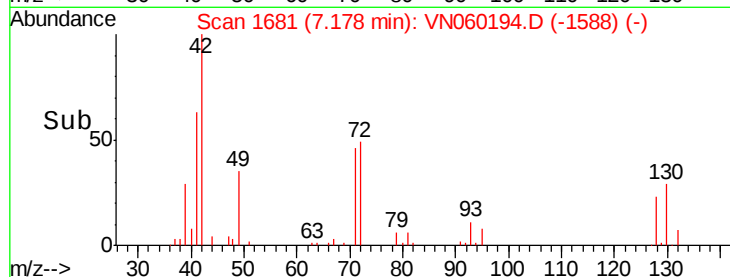
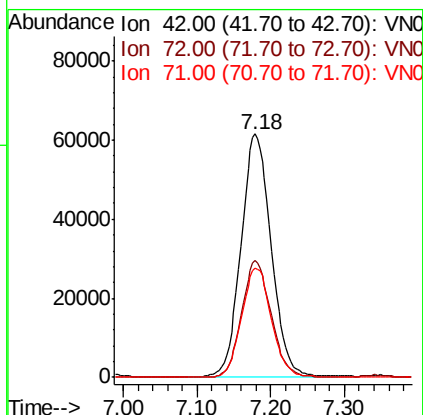
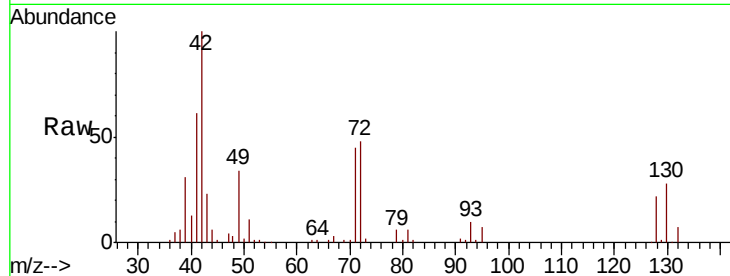




#29
Tetrahydrofuran
Concen: 227.365 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

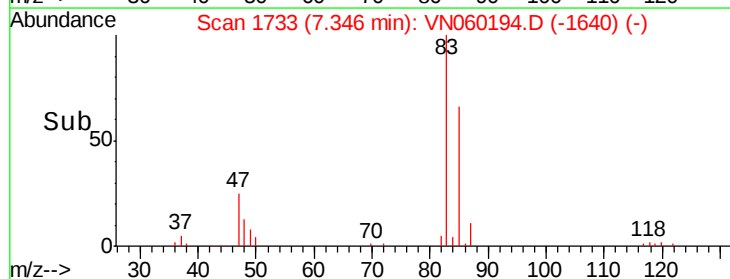
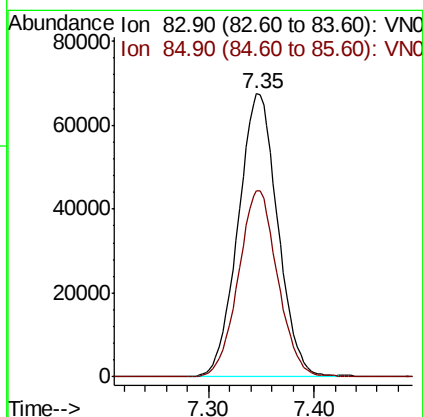
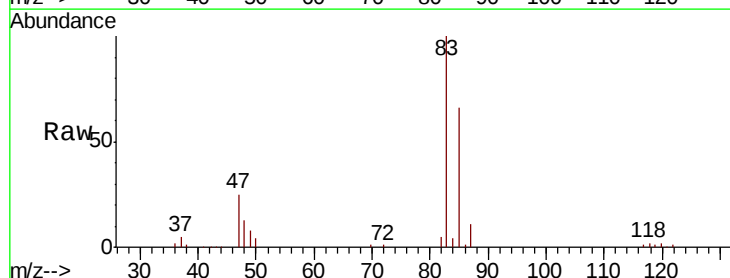
Instrument :
MSVOA_N
ClientSampled :

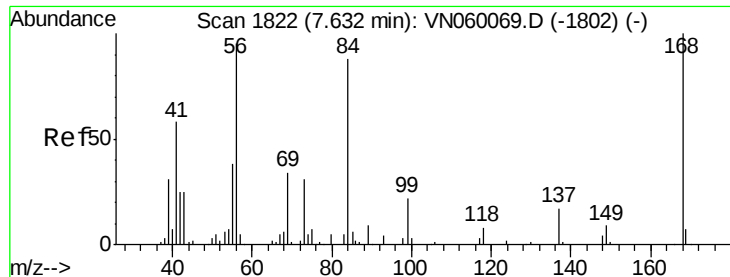
Tot Ion: 42 Resp: 176669
Ion Ratio Lower Upper
42 100
72 46.5 38.2 57.4
71 44.3 36.6 54.8



#30
Chloroform
Concen: 47.953 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

Tgt Ion: 83 Resp: 176084
Ion Ratio Lower Upper
83 100
85 65.9 51.4 77.0

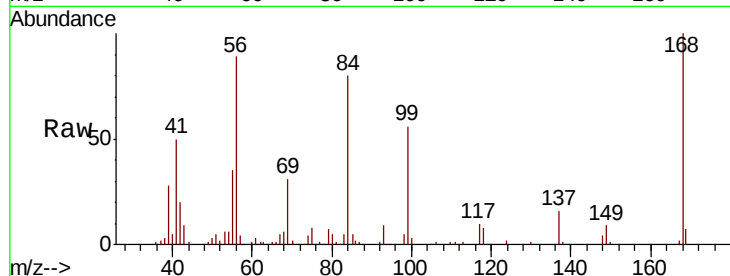




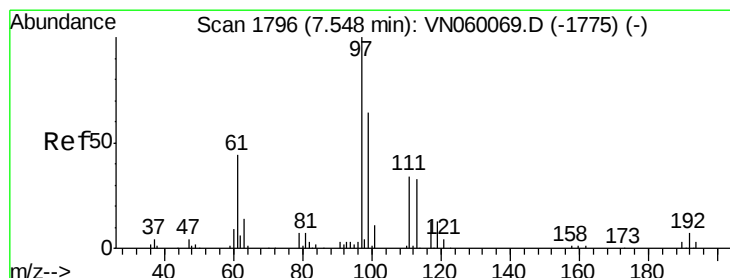
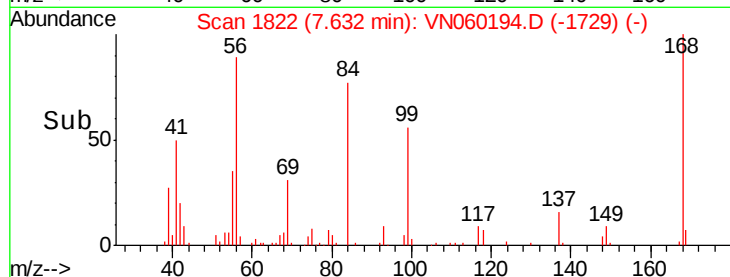
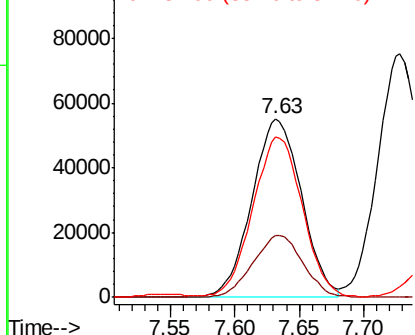
#31
Cyclohexane
Concen: 45.314 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 147971
Ion Ratio Lower Upper
56 100
69 34.7 28.3 42.5
84 88.5 72.6 108.8

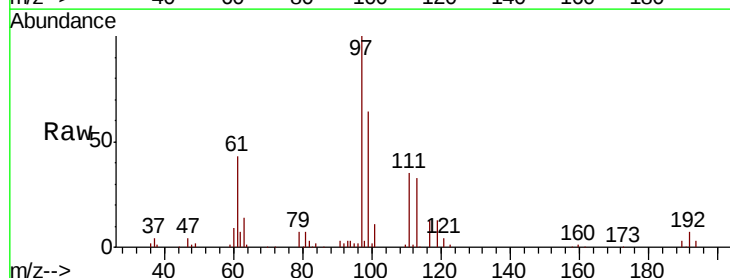


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

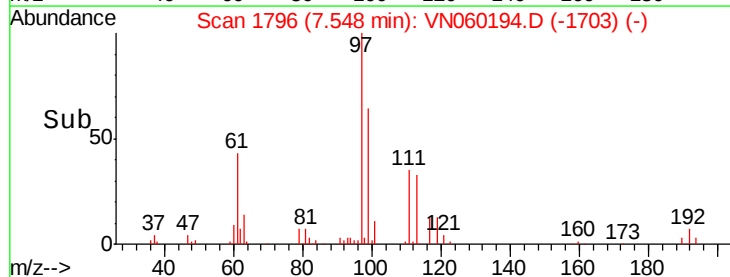
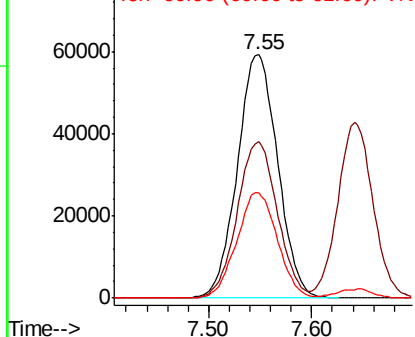


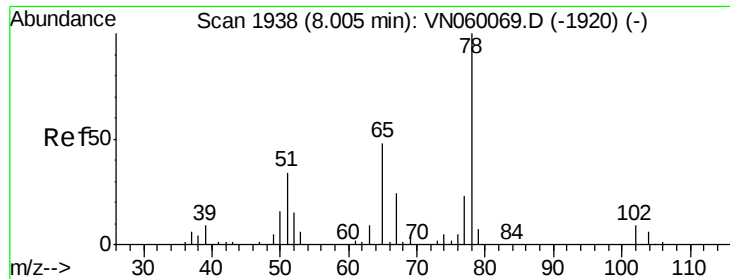
#32
1,1,1-Trichloroethane
Concen: 48.085 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

Tgt Ion: 97 Resp: 161355
Ion Ratio Lower Upper
97 100
99 63.8 51.4 77.0
61 43.5 34.9 52.3



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

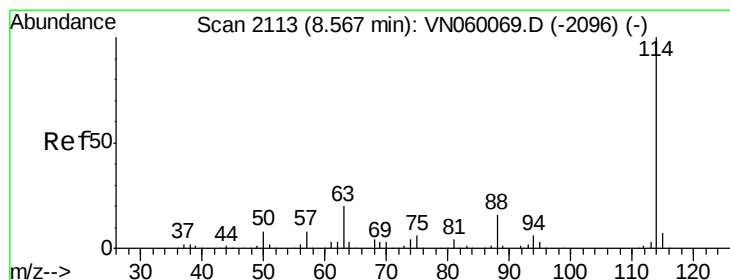
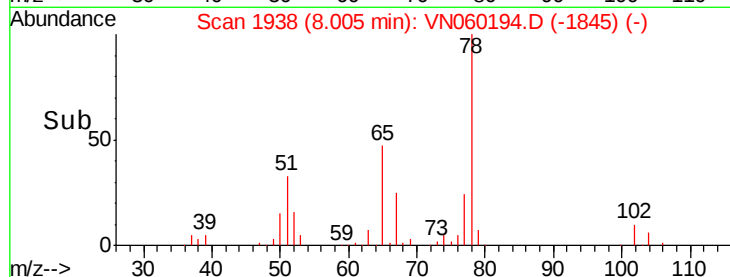
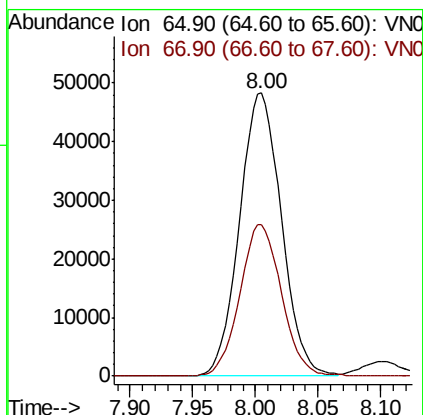
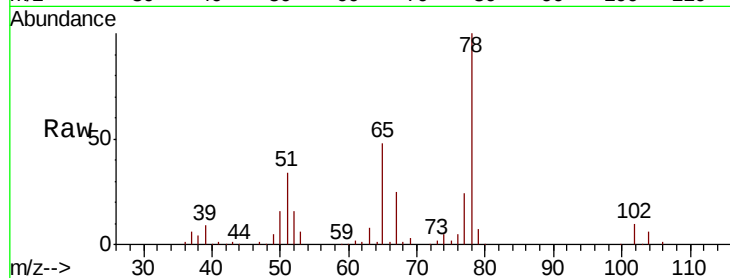




#33
 1,2-Dichloroethane-d4
 Concen: 48.620 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060194.D
 Acq: 21 Feb 2020 17:43

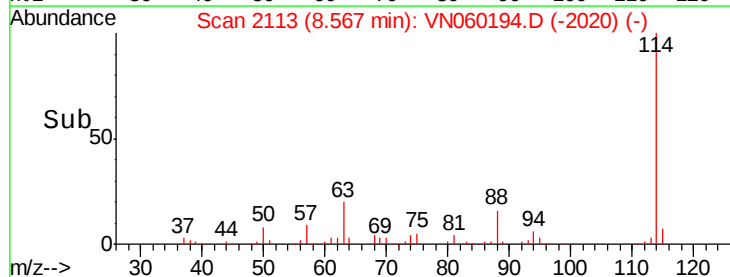
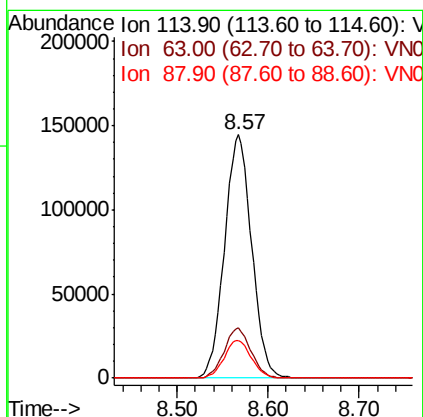
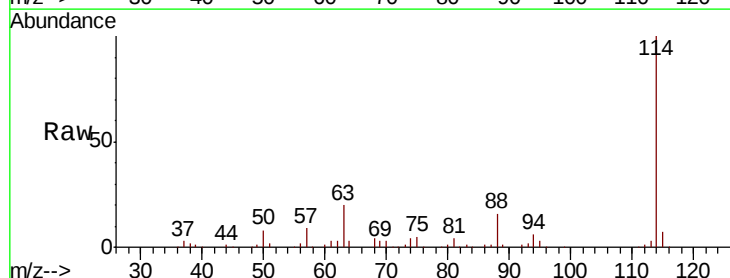
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 65 Resp: 112253
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060194.D
 Acq: 21 Feb 2020 17:43

Tgt Ion: 114 Resp: 299202
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.0
 88 15.5 0.0 31.6





#35

Dibromofluoromethane

Concen: 48.702 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060194.D

Acq: 21 Feb 2020 17:43

Instrument :
MSVOA_N
ClientSampled :

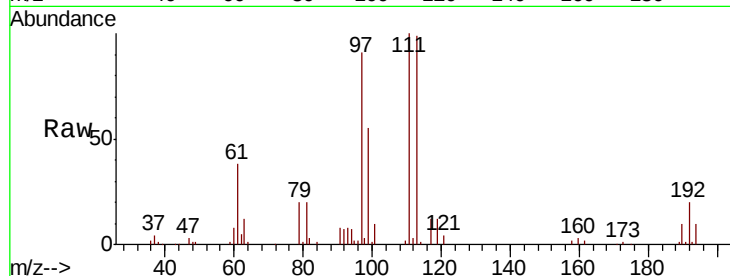
Tot Ion:113 Resp: 89573

Ion Ratio Lower Upper

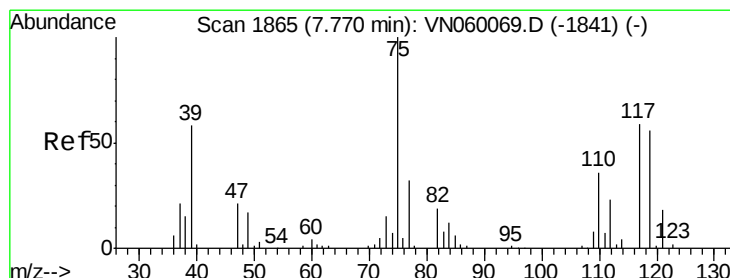
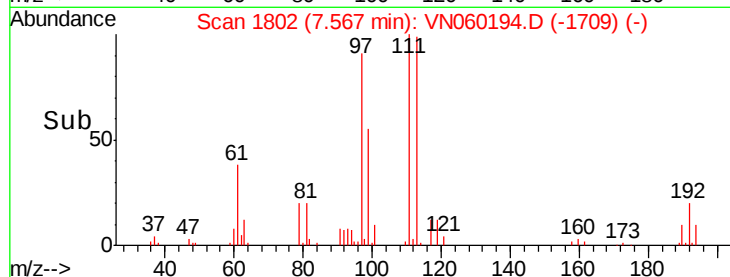
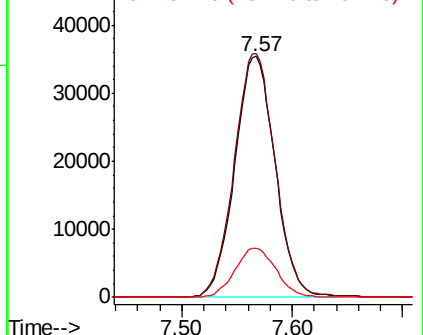
113 100

111 102.9 81.4 122.2

192 20.8 16.2 24.2



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: 47.355 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VN060194.D

Acq: 21 Feb 2020 17:43

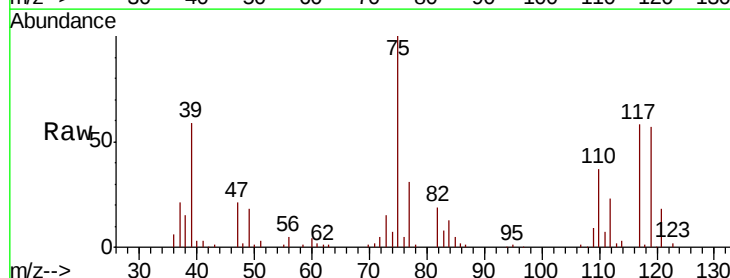
Tgt Ion: 75 Resp: 131237

Ion Ratio Lower Upper

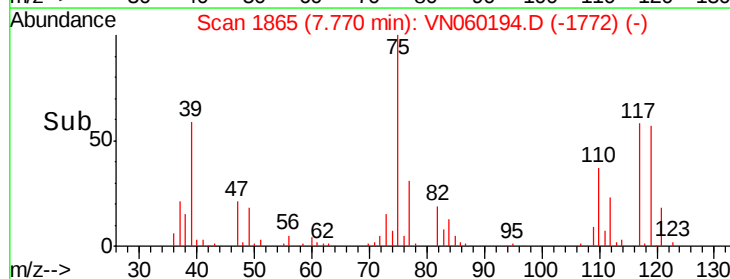
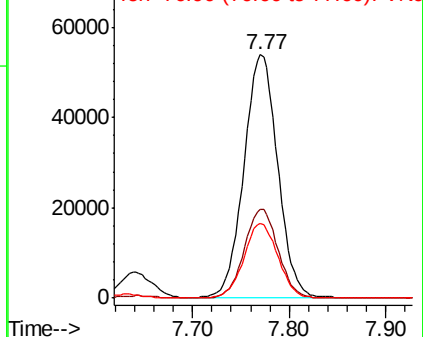
75 100

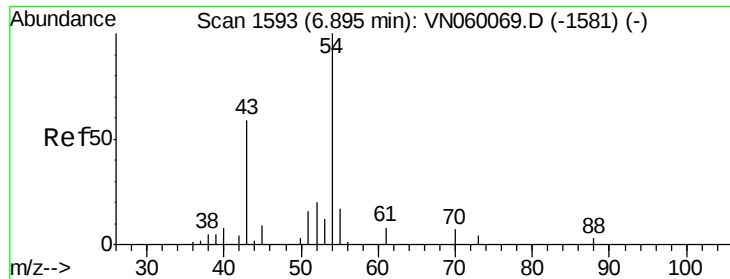
110 36.3 18.1 54.3

77 30.9 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

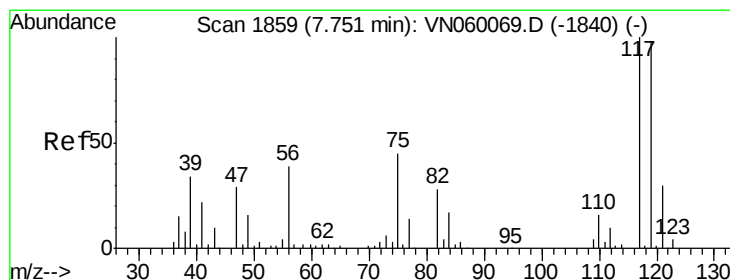
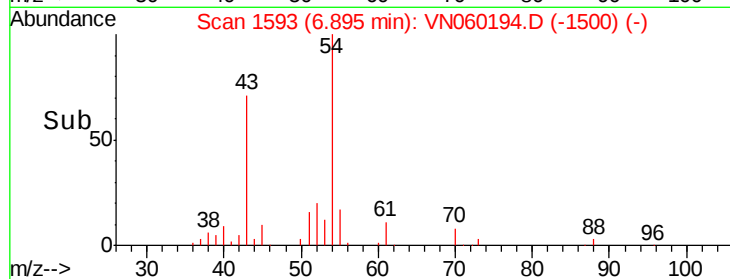
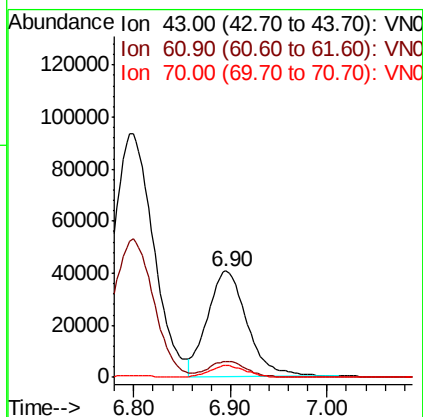
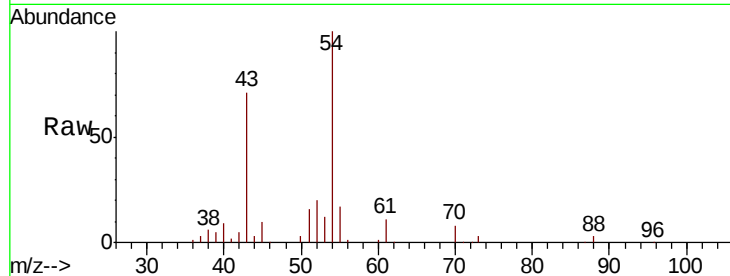




#37
Ethyl Acetate
Concen: 46.489 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

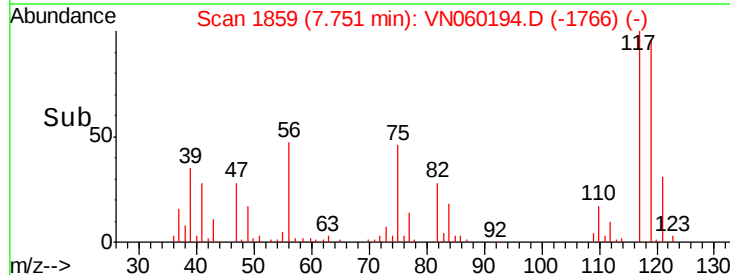
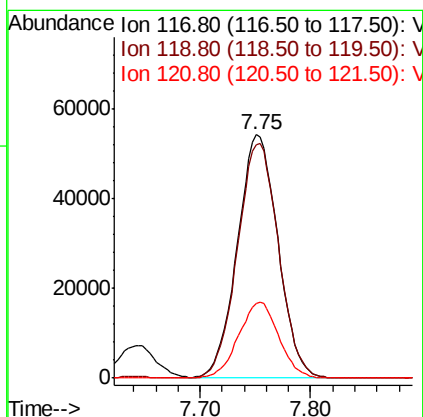
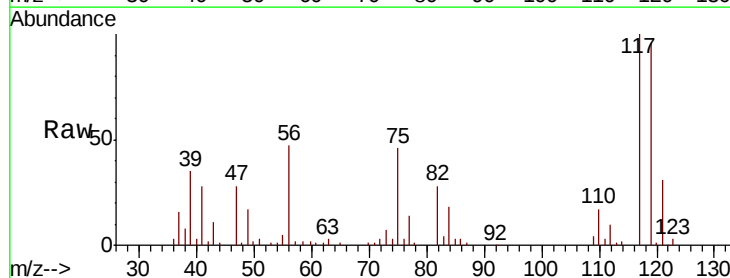
Instrument :
MSVOA_N
ClientSampled :

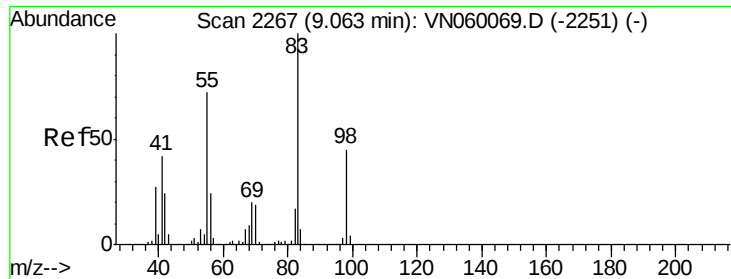
Tot Ion: 43 Resp: 116439
Ion Ratio Lower Upper
43 100
61 14.5 11.4 17.2
70 10.3 8.7 13.1



#38
Carbon Tetrachloride
Concen: 45.962 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

Tgt Ion: 117 Resp: 138335
Ion Ratio Lower Upper
117 100
119 96.0 78.2 117.4
121 30.8 24.2 36.2

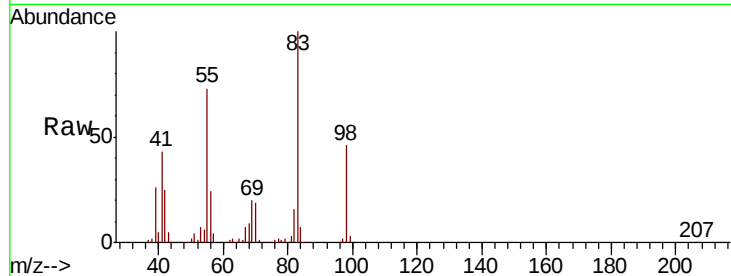




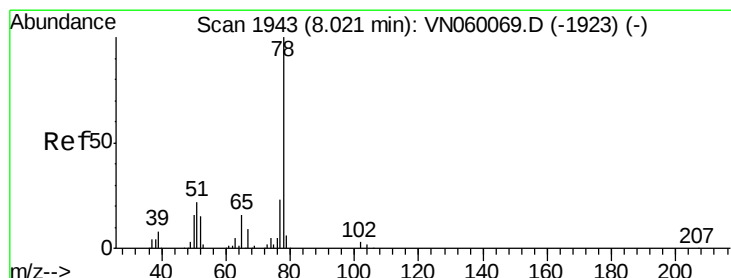
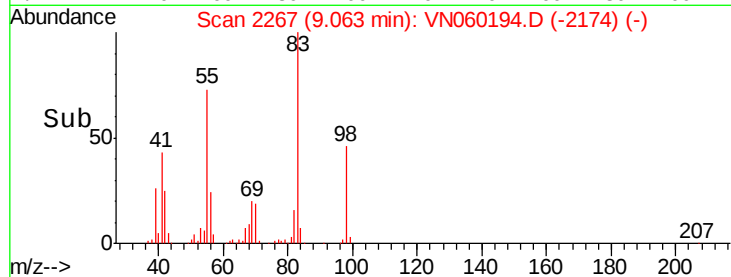
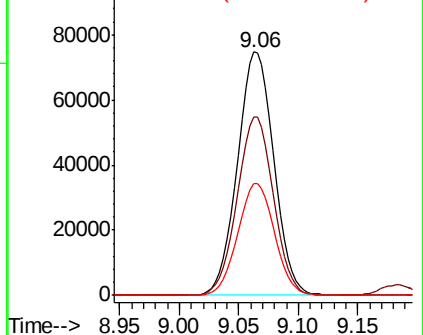
#39
Methvlcvclohexane
Concen: 46.062 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. 0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	83	Resp	158459
Ion Ratio	Lower	Upper	
83	100		
55	73.3	57.8	86.8
98	45.9	36.4	54.6

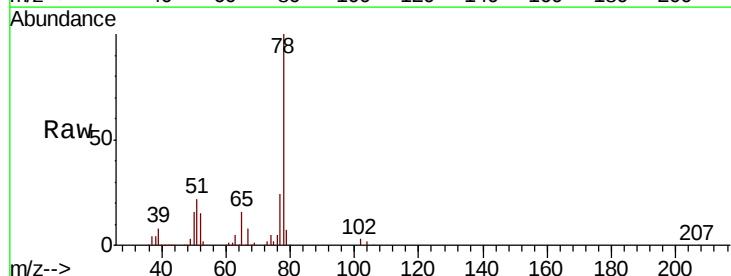


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

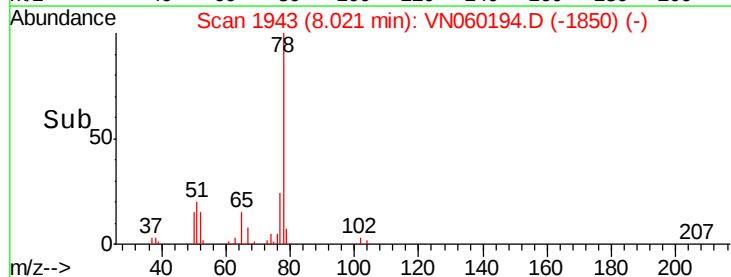
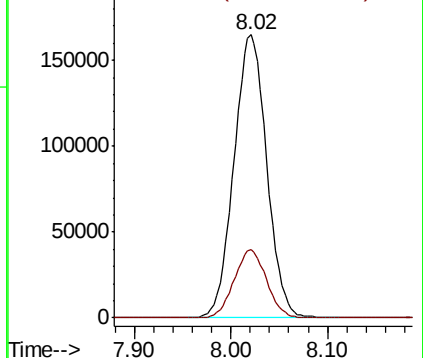


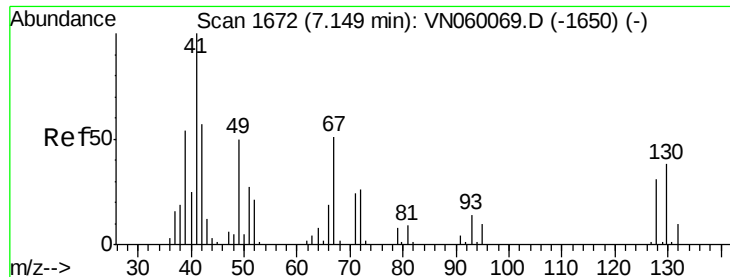
#40
Benzene
Concen: 47.204 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

Tgt Ion	78	Resp	388053
Ion Ratio	Lower	Upper	
78	100		
77	24.1	18.8	28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

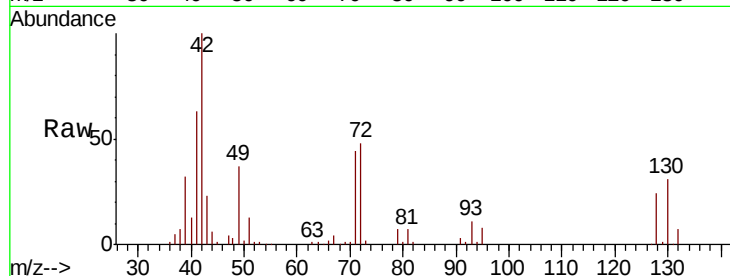




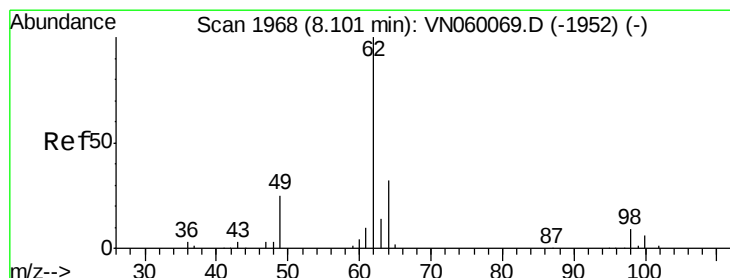
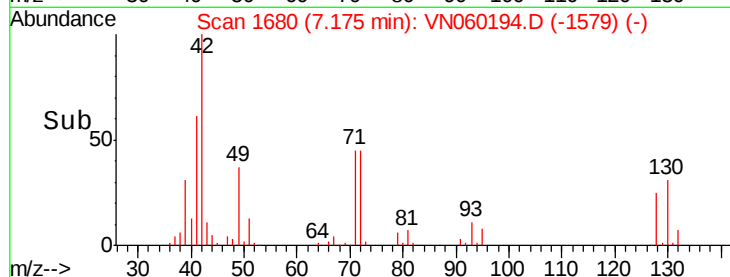
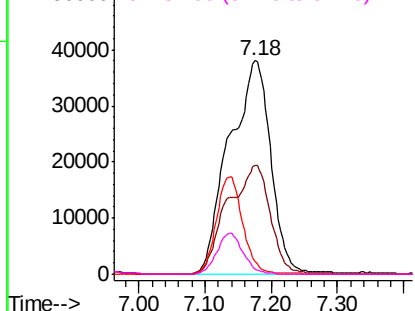
#41
Methacrylonitrile
Concen: 157.606 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	41	Resp:	165546
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

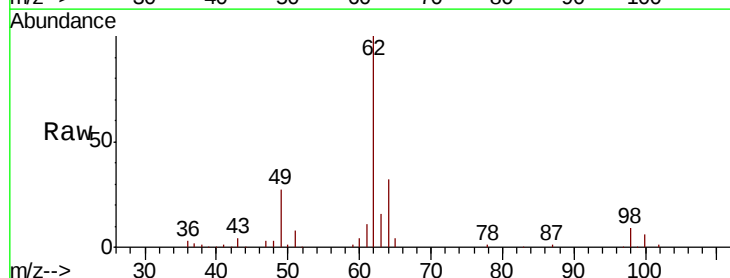


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

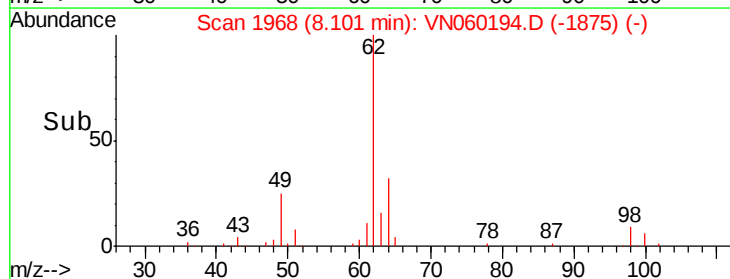
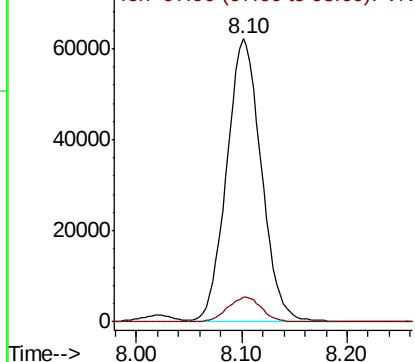


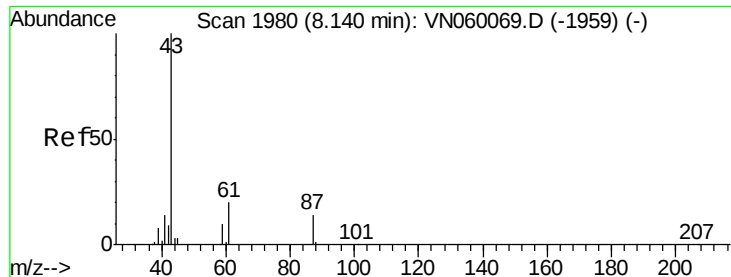
#42
1,2-Dichloroethane
Concen: 49.198 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

Tgt Ion:	62	Resp:	141754
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.2



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

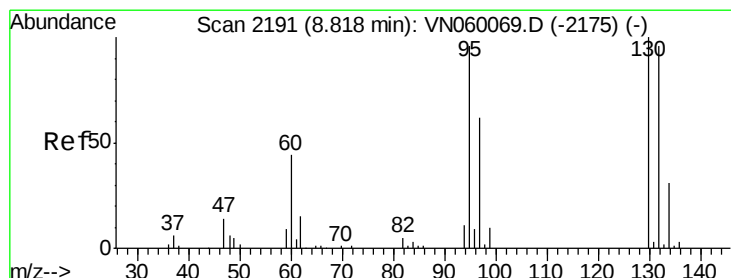
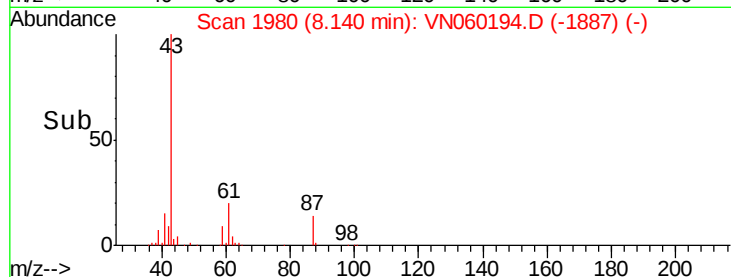
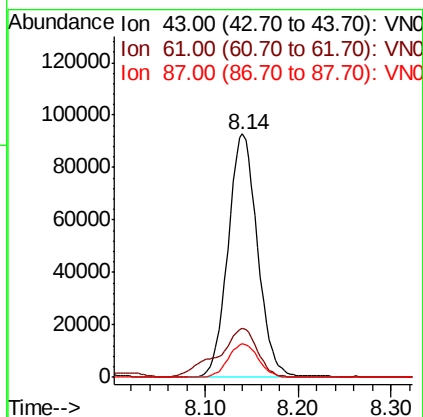
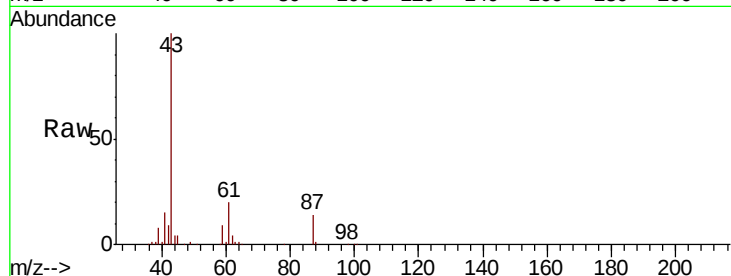




#43
Isopropyl Acetate
Concen: 47.888 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. 0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

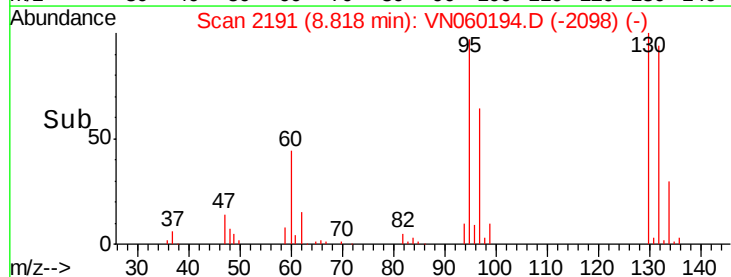
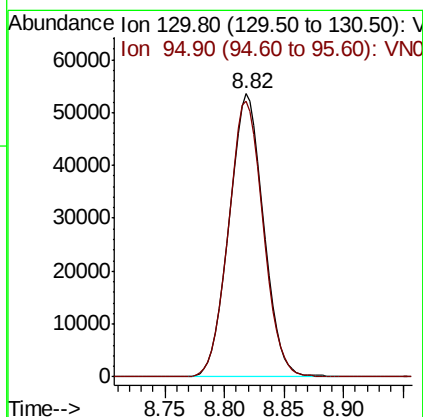
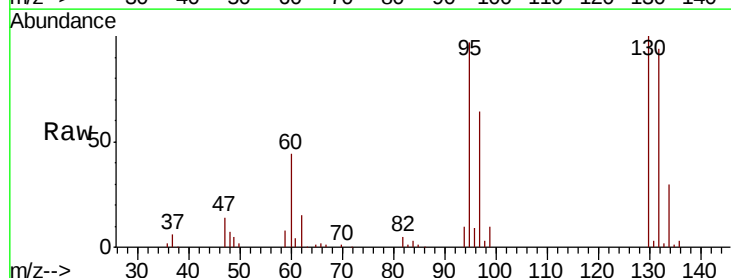
Instrument :
MSVOA_N
ClientSampleId :

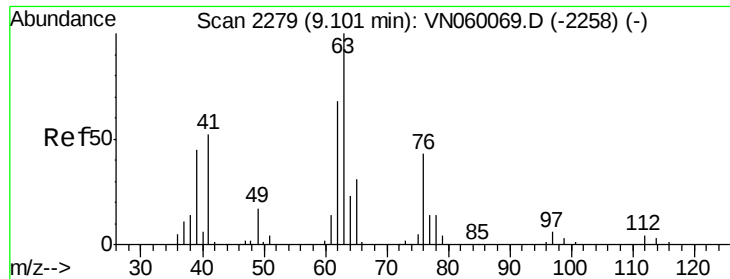
Tot Ion: 43 Resp: 205033
Ion Ratio Lower Upper
43 100
61 26.9 21.8 32.6
87 14.1 11.4 17.2



#44
Trichloroethene
Concen: 47.158 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. 0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

Tgt Ion: 130 Resp: 107346
Ion Ratio Lower Upper
130 100
95 97.5 0.0 192.4

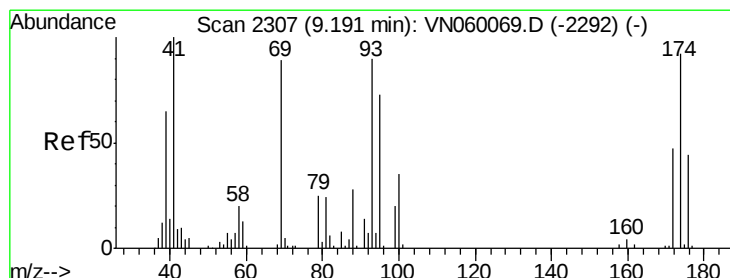
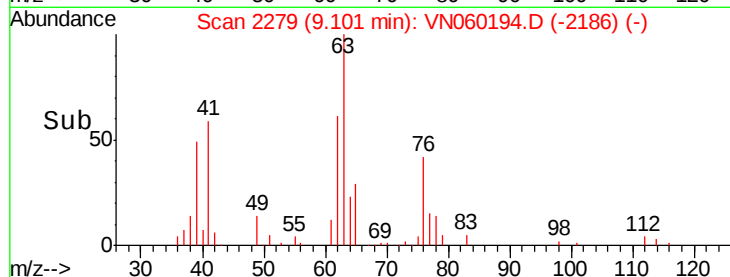
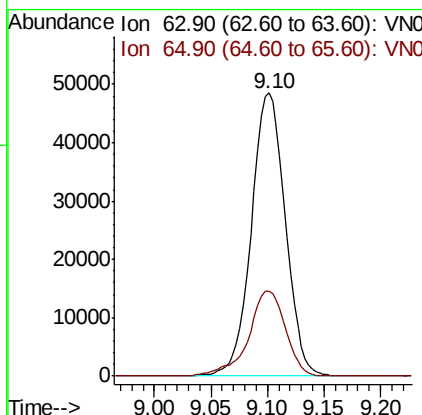
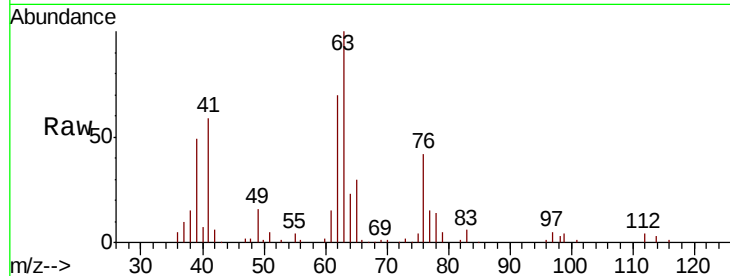




#45
 1,2-Dichloropropane
 Concen: 49.694 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN060194.D
 Acq: 21 Feb 2020 17:43

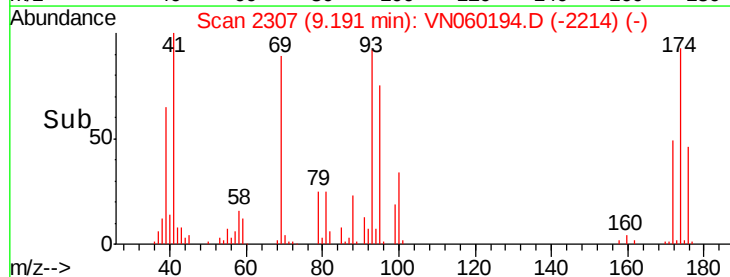
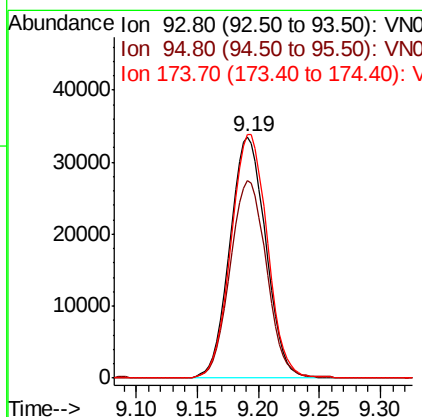
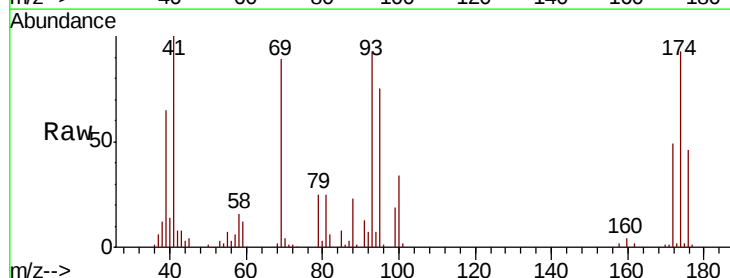
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 63 Resp: 101140
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.0 37.4



#46
 Dibromomethane
 Concen: 47.816 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN060194.D
 Acq: 21 Feb 2020 17:43

Tgt Ion: 93 Resp: 68772
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.0 97.6
 174 101.4 82.3 123.5

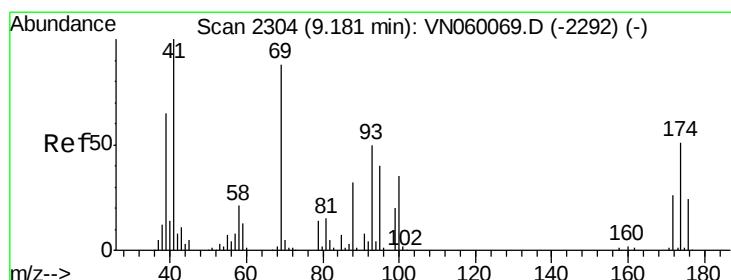
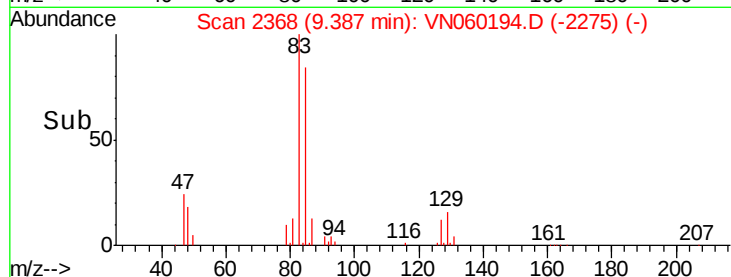
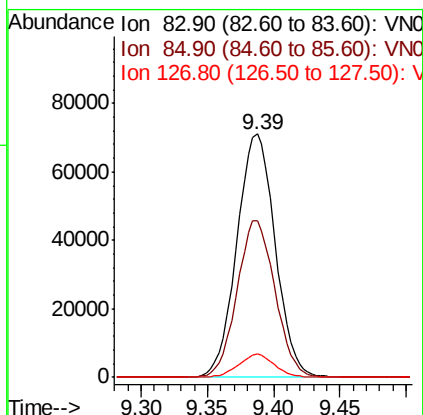
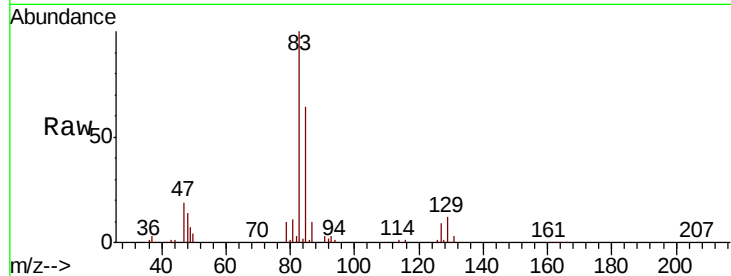




#47
Bromodichloromethane
Concen: 48.851 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

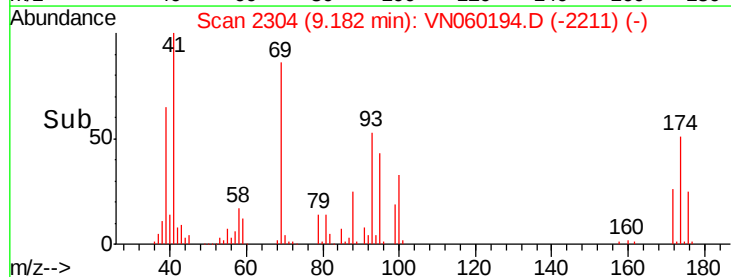
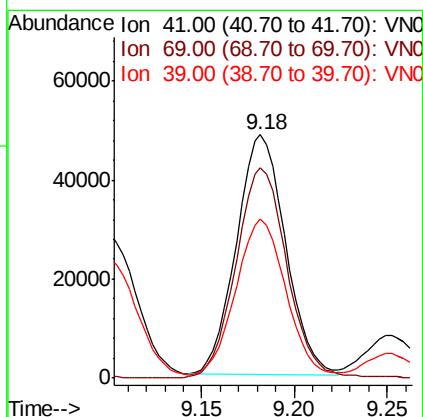
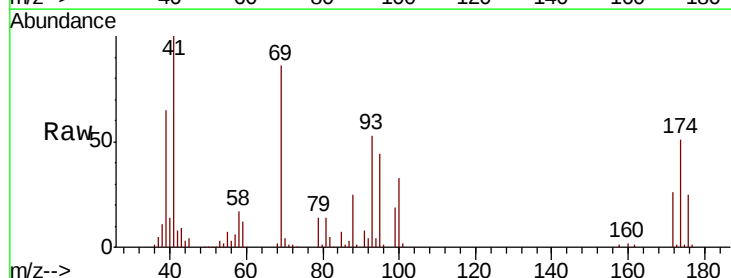
Instrument :
MSVOA_N
ClientSampleId :

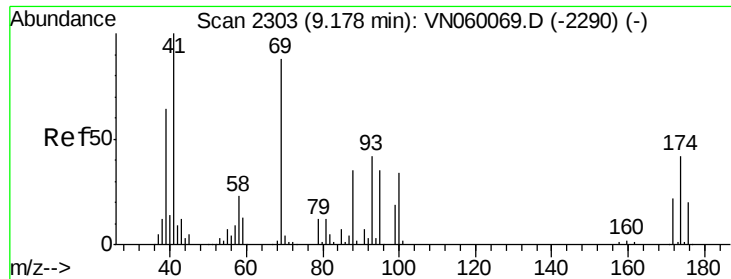
Tot Ion: 83 Resp: 142844
Ion Ratio Lower Upper
83 100
85 64.4 50.6 75.8
127 9.4 7.0 10.6



#48
Methyl methacrylate
Concen: 46.826 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

Tgt Ion: 41 Resp: 89951
Ion Ratio Lower Upper
41 100
69 90.9 72.0 108.0
39 67.8 54.1 81.1

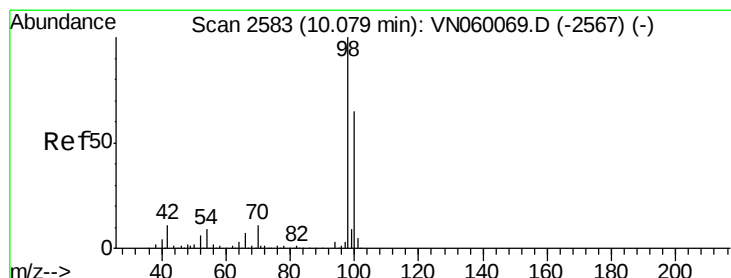
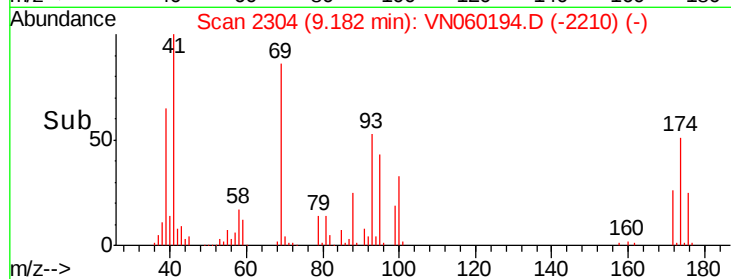
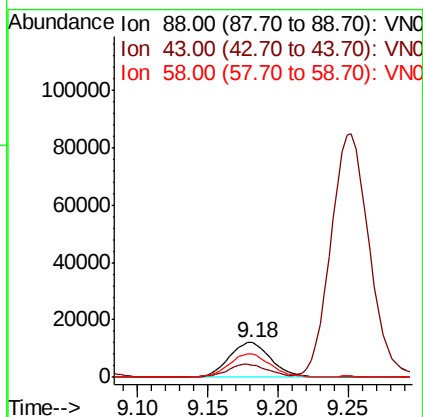
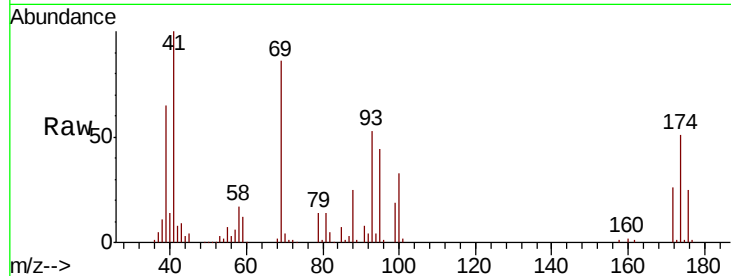




#49
 1,4-Dioxane
 Concen: 767.821 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. 0.00 min
 Lab File: VN060194.D
 Acq: 21 Feb 2020 17:43

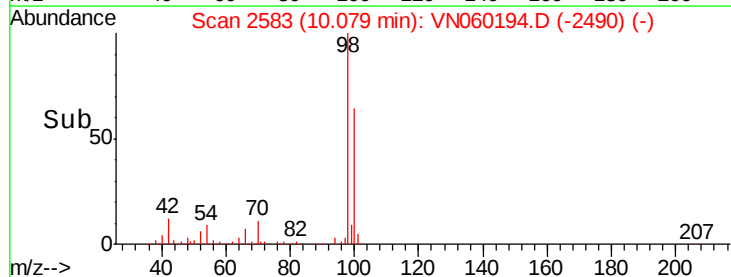
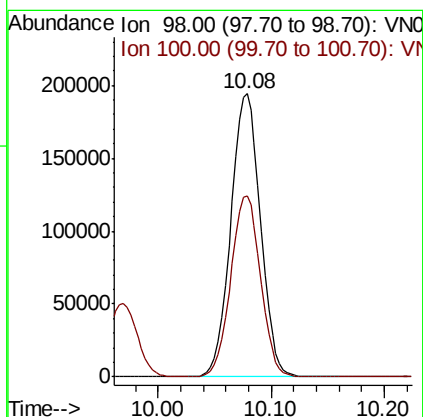
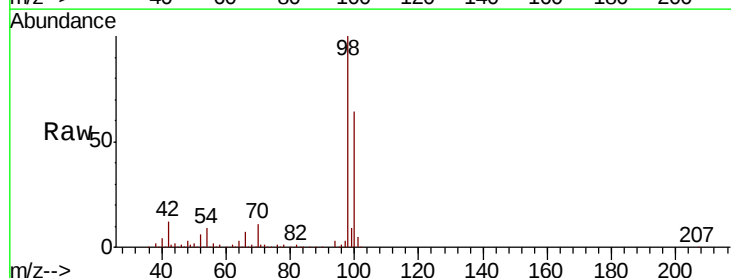
Instrument :
 MSVOA_N
 ClientSampled :

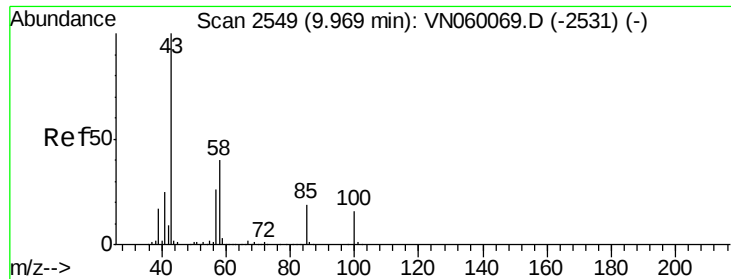
Tot Ion: 88 Resp: 25201
 Ion Ratio Lower Upper
 88 100
 43 36.7 26.2 39.2
 58 67.7 53.2 79.8



#50
 Toluene-d8
 Concen: 48.949 ug/l
 RT: 10.08 min Scan# 2583
 Delta R.T. 0.00 min
 Lab File: VN060194.D
 Acq: 21 Feb 2020 17:43

Tgt Ion: 98 Resp: 354524
 Ion Ratio Lower Upper
 98 100
 100 64.3 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 236.412 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN060194.D

Acq: 21 Feb 2020 17:43

Instrument :

MSVOA_N

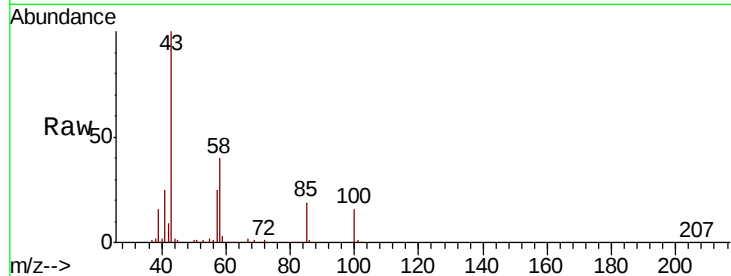
ClientSampled :

Tot Ion: 43 Resp: 585875

Ion Ratio Lower Upper

43 100

58 39.8 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-2531) (-)

Ion 58.00 (57.70 to 58.70): VN060069.D (-2531) (-)

9.97

300000

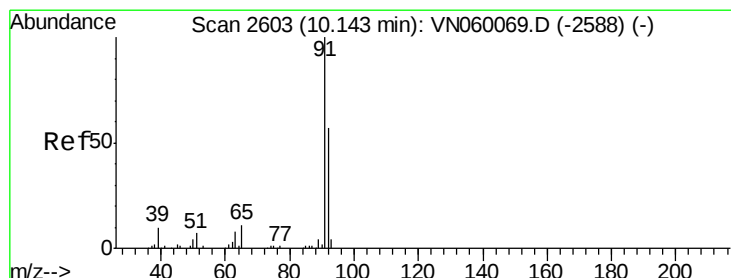
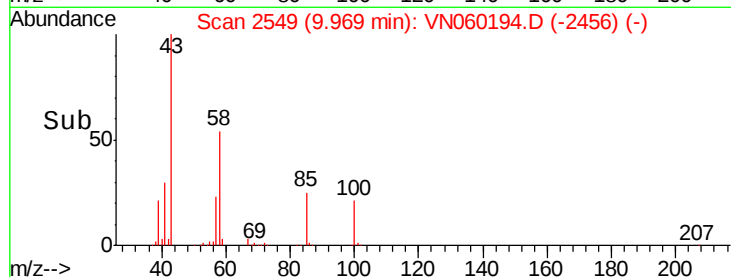
200000

100000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 48.061 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN060194.D

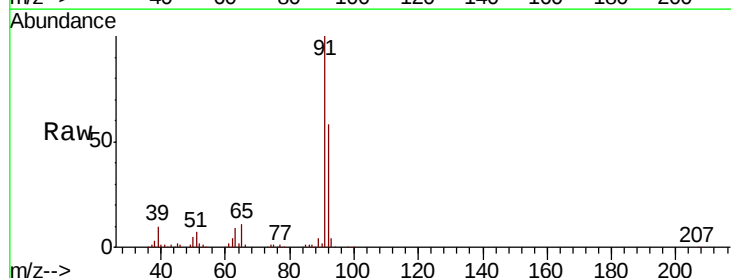
Acq: 21 Feb 2020 17:43

Tgt Ion: 92 Resp: 253362

Ion Ratio Lower Upper

92 100

91 172.5 140.9 211.3



Abundance Ion 92.00 (91.70 to 92.70): VN060069.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN060069.D (-2588) (-)

10.14

250000

200000

150000

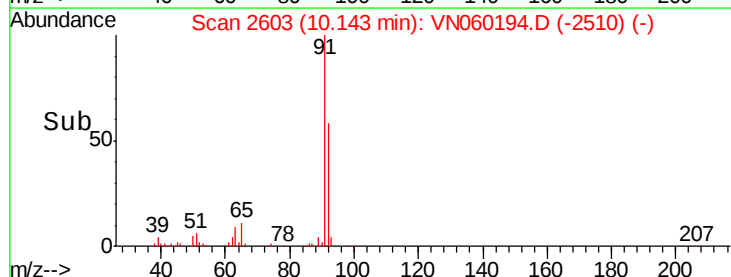
100000

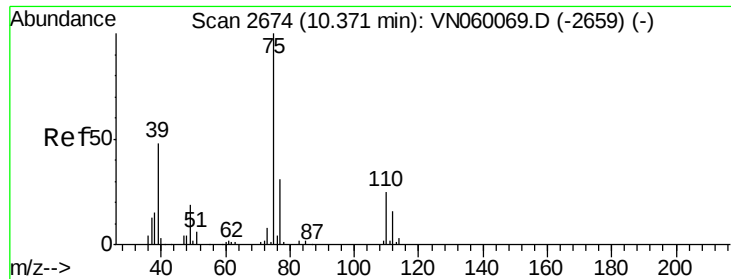
50000

0

10.10 10.15 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.974 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060194.D

Acq: 21 Feb 2020 17:43

Instrument :

MSVOA_N

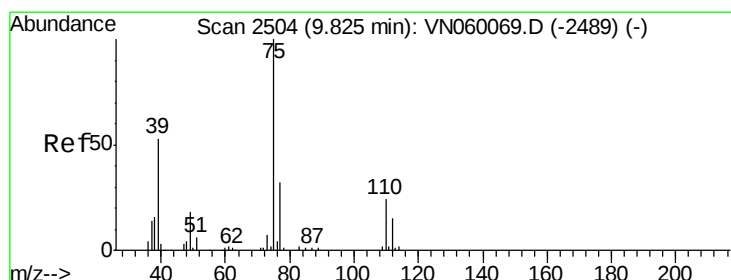
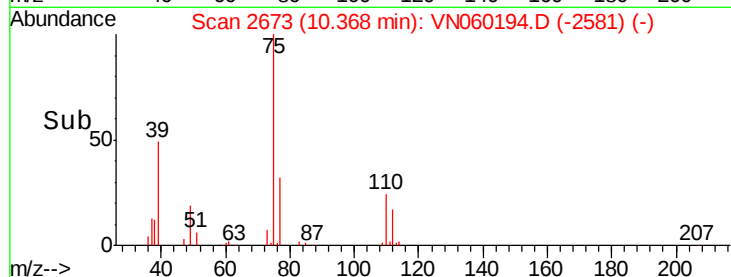
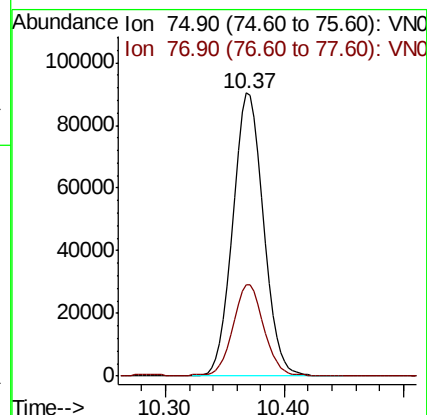
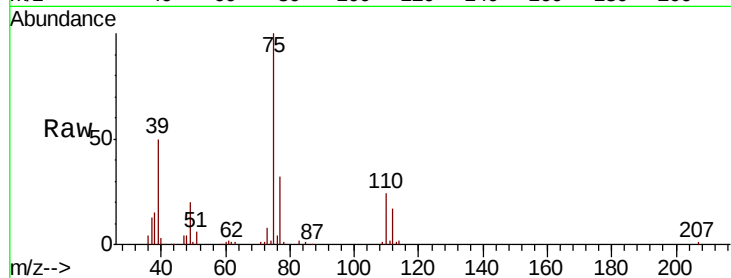
ClientSampled :

Tot Ion: 75 Resp: 161646

Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 49.015 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060194.D

Acq: 21 Feb 2020 17:43

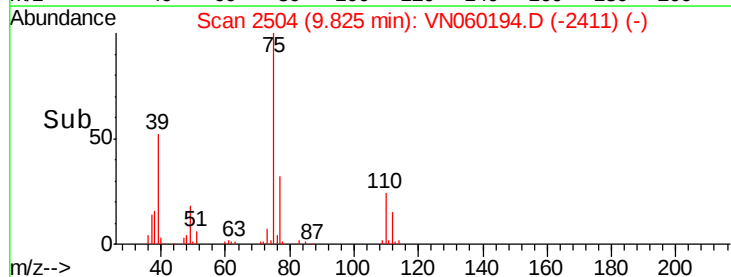
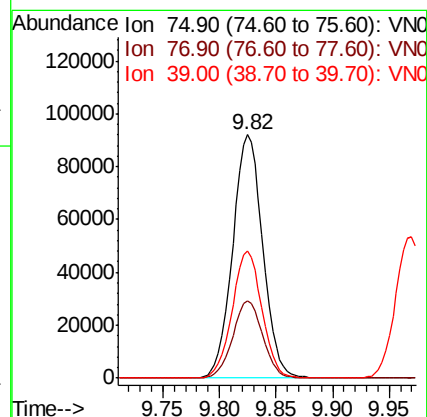
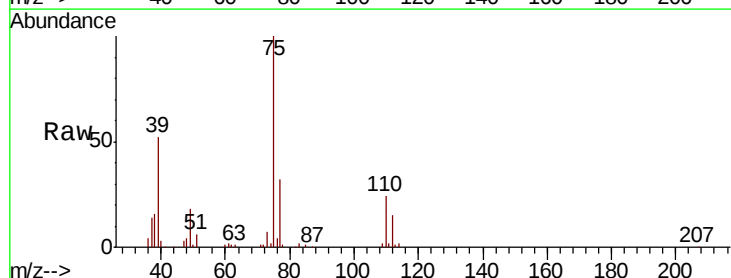
Tgt Ion: 75 Resp: 170356

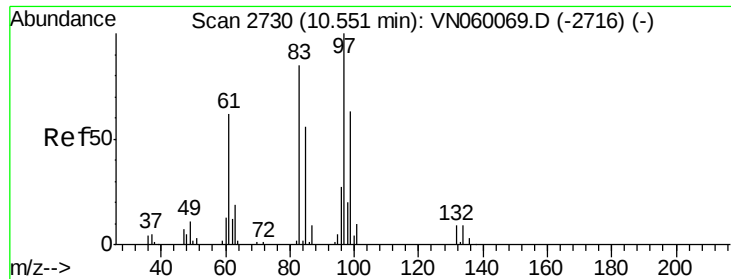
Ion Ratio Lower Upper

75 100

77 31.9 25.6 38.4

39 52.3 42.2 63.4

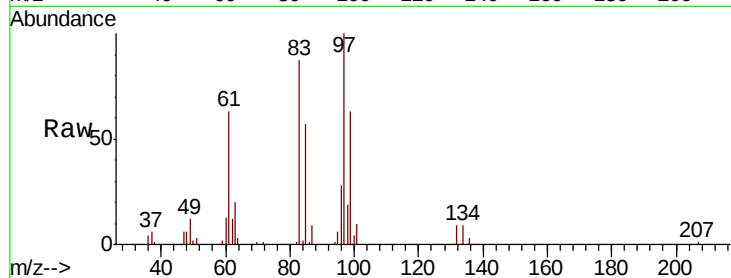




#55
 1,1,2-Trichloroethane
 Concen: 47.757 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN060194.D
 Acq: 21 Feb 2020 17:43

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	98219
Ion	Ratio	Lower	Upper
97	100		
83	86.6	67.9	101.9
85	57.5	44.6	67.0
99	63.0	50.1	75.1



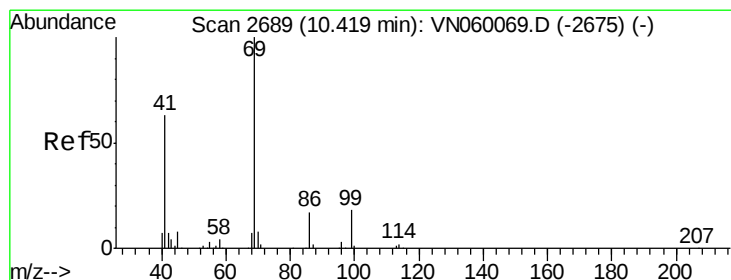
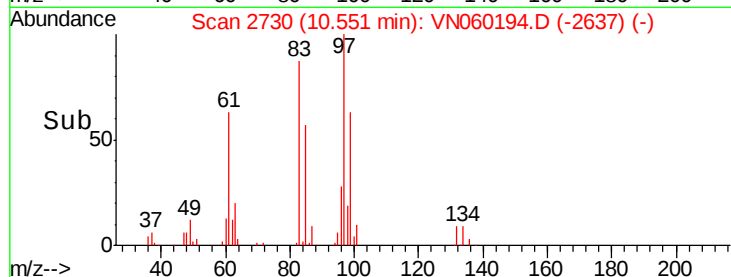
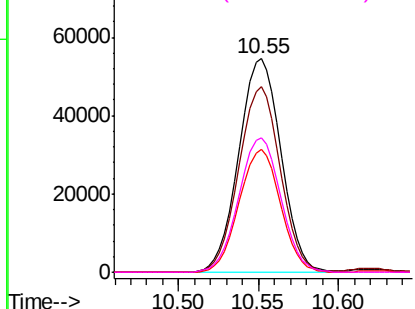
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

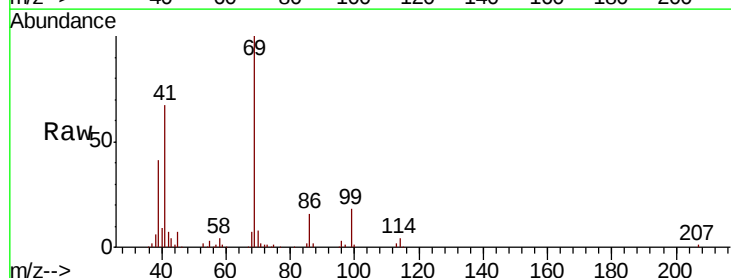
Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 50.224 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060194.D
 Acq: 21 Feb 2020 17:43

Tgt Ion:	69	Resp:	146119
Ion	Ratio	Lower	Upper
69	100		
41	65.4	51.1	76.7
39	41.4	33.8	50.8

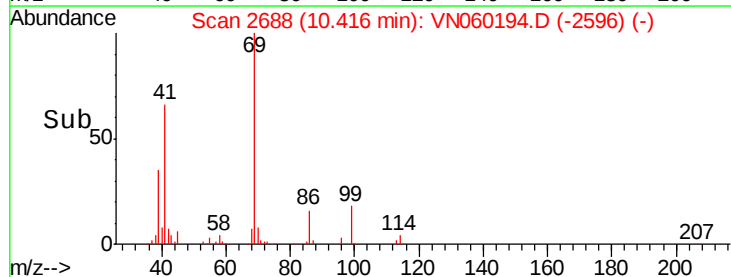
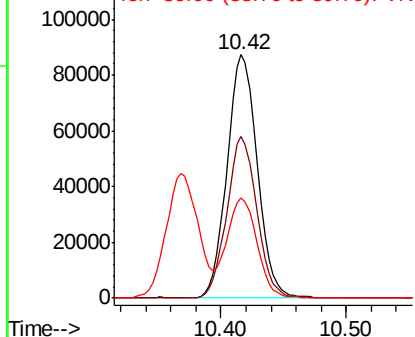


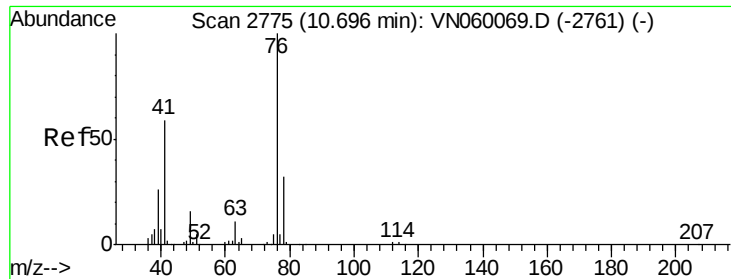
Abundance

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: 48.022 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060194.D

Acq: 21 Feb 2020 17:43

Instrument :

MSVOA_N

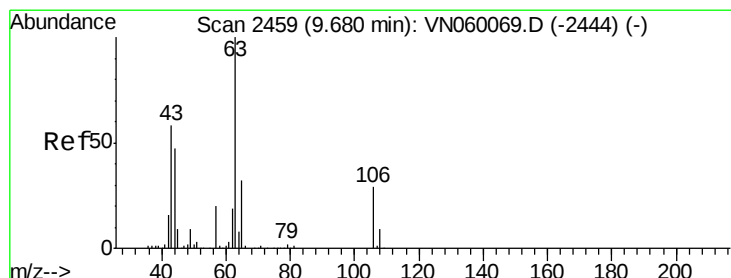
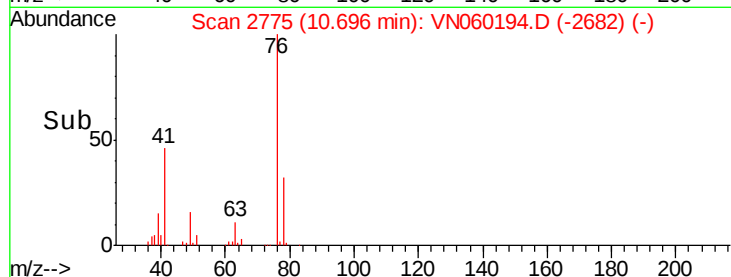
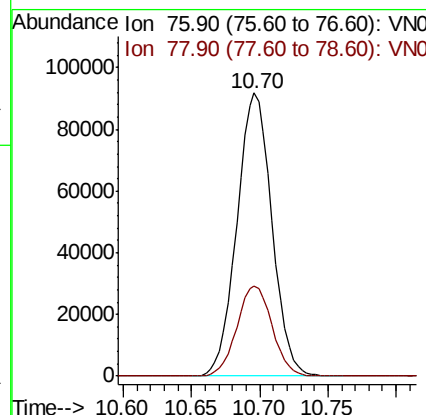
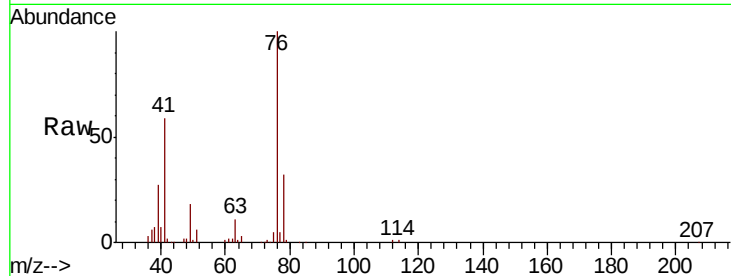
ClientSampled :

Tot Ion: 76 Resp: 162967

Ion Ratio Lower Upper

76 100

78 32.3 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 246.156 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN060194.D

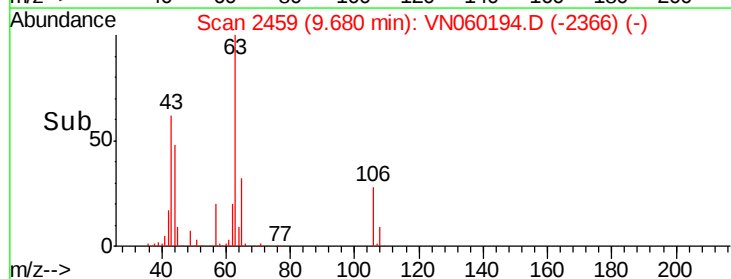
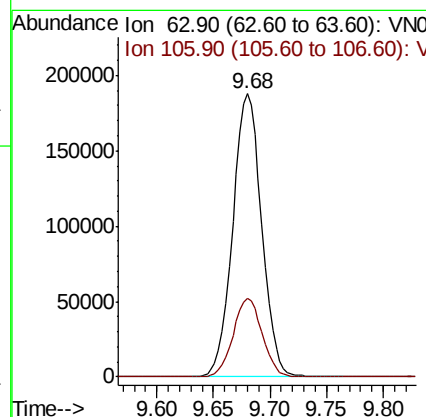
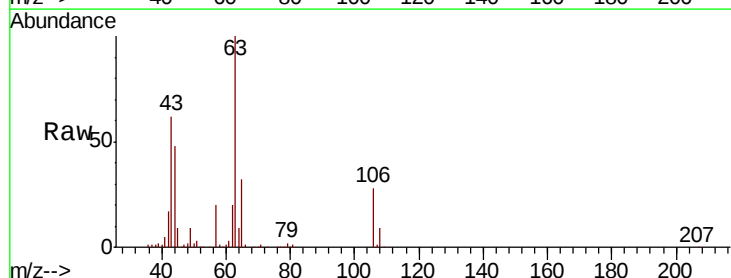
Acq: 21 Feb 2020 17:43

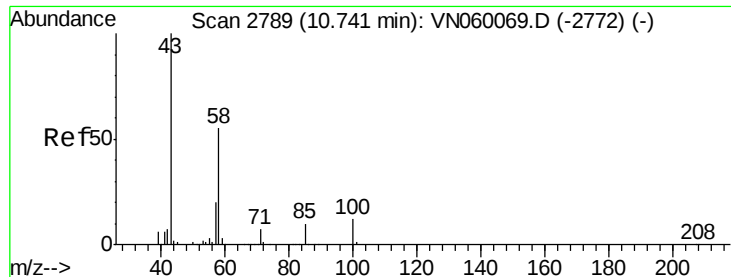
Tgt Ion: 63 Resp: 333636

Ion Ratio Lower Upper

63 100

106 27.9 22.9 34.3

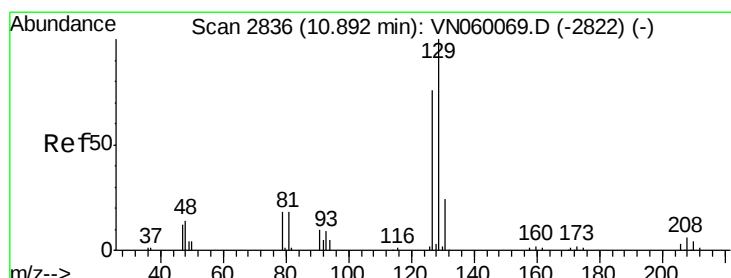
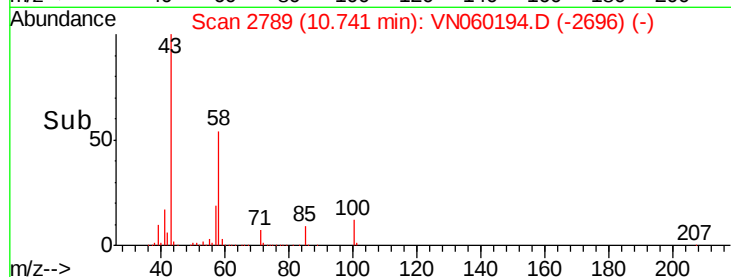
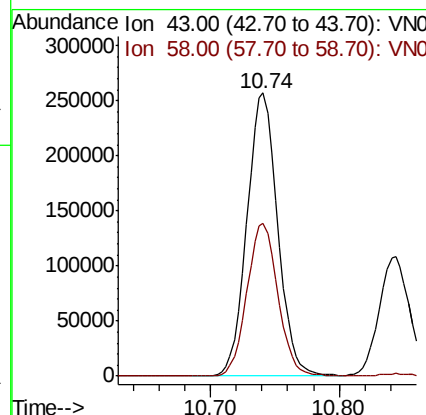
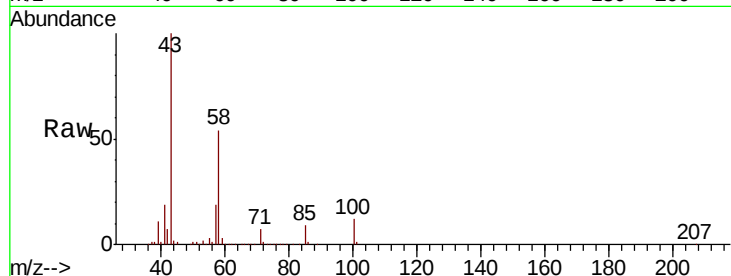




#59
2-Hexanone
Concen: 222.962 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

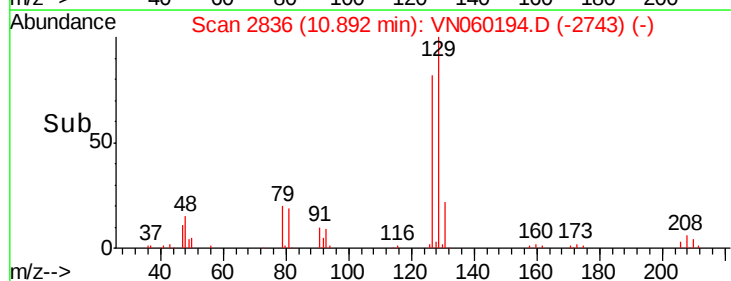
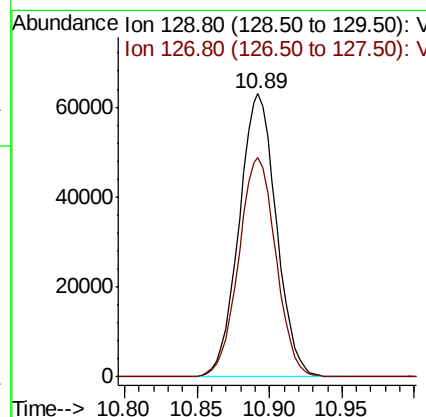
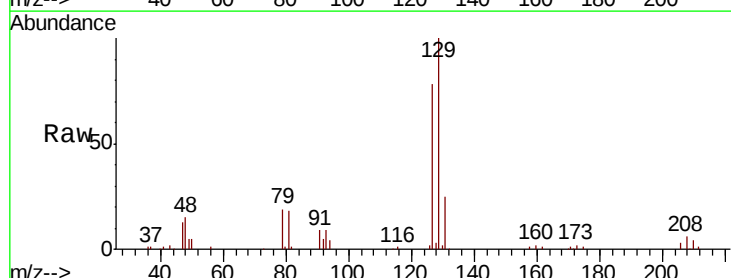
Instrument :
MSVOA_N
ClientSampled :

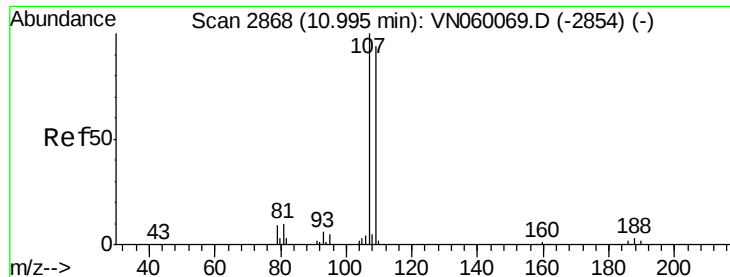
Tot Ion: 43 Resp: 426826
Ion Ratio Lower Upper
43 100
58 54.3 27.5 82.4



#60
Dibromochloromethane
Concen: 47.648 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

Tgt Ion: 129 Resp: 112452
Ion Ratio Lower Upper
129 100
127 77.3 38.0 114.1

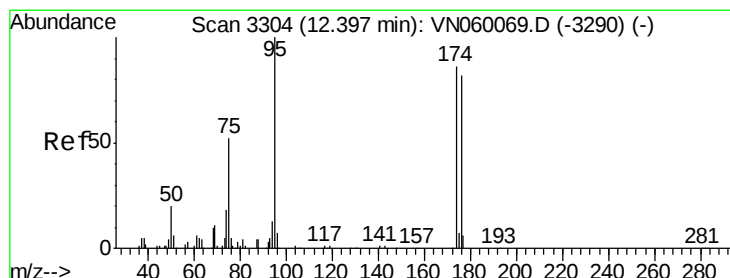
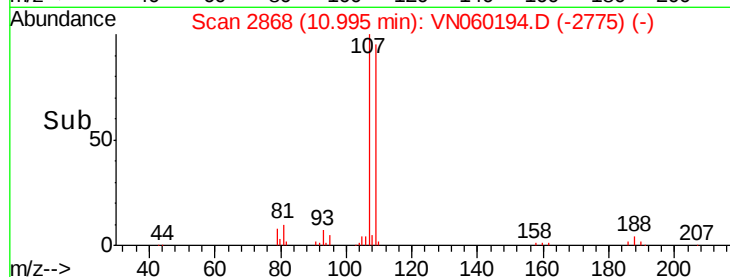
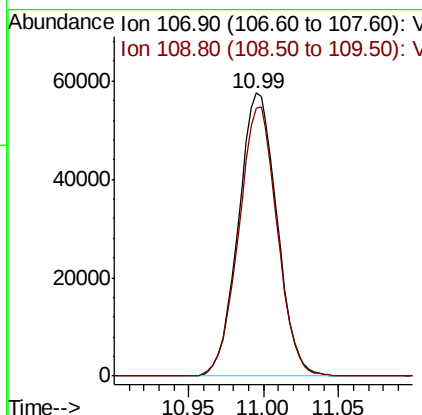
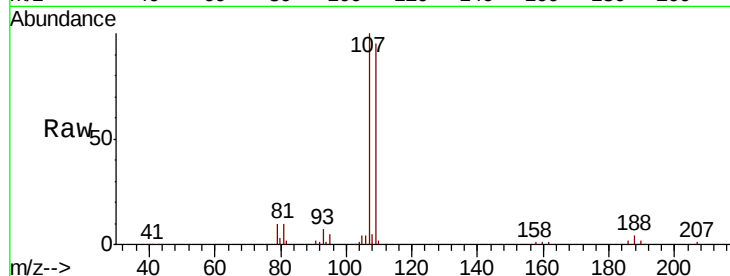




#61
 1,2-Dibromoethane
 Concen: 47.858 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: VN060194.D
 Acq: 21 Feb 2020 17:43

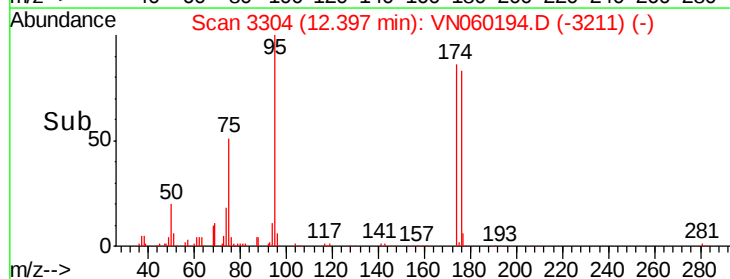
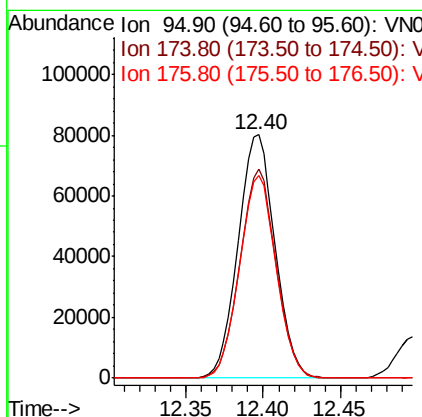
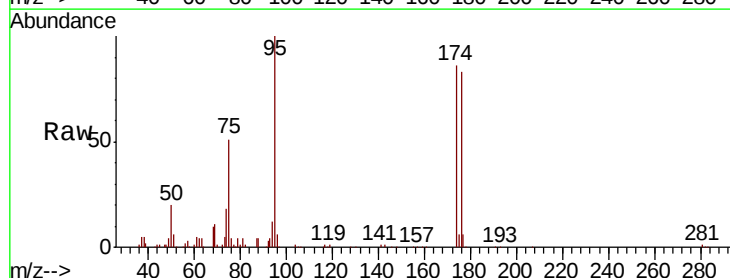
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:107 Resp: 103179
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 50.089 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060194.D
 Acq: 21 Feb 2020 17:43

Tgt Ion: 95 Resp: 133303
 Ion Ratio Lower Upper
 95 100
 174 84.2 0.0 169.8
 176 82.4 0.0 164.8

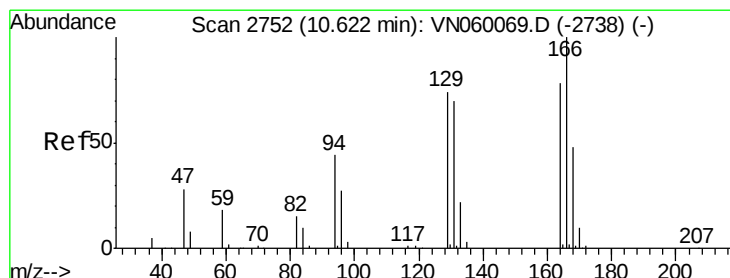
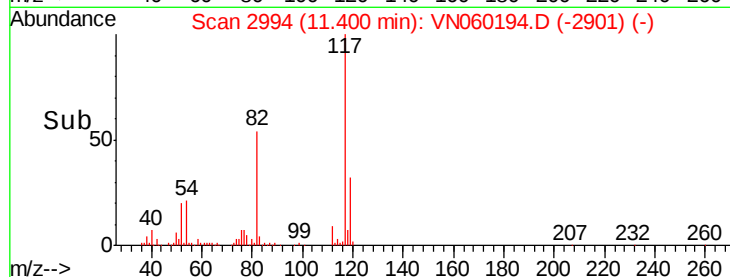
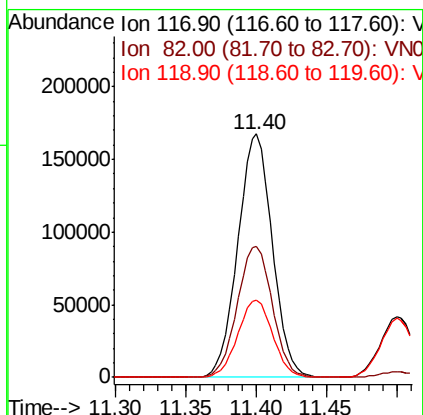
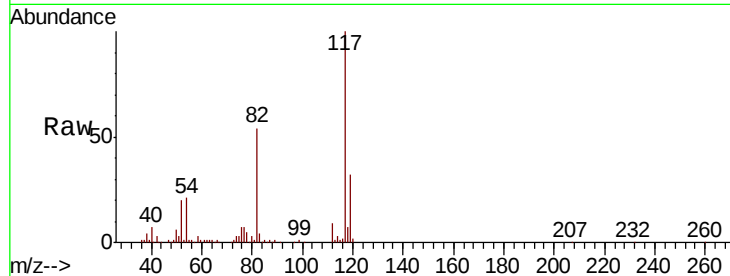




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

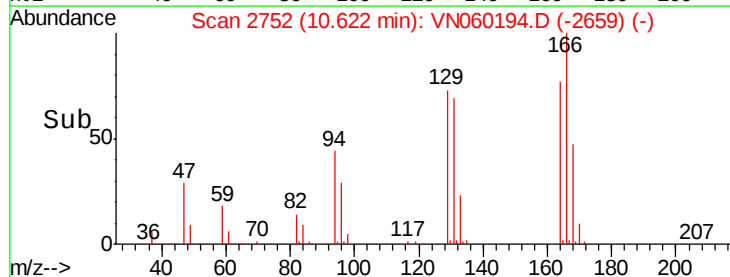
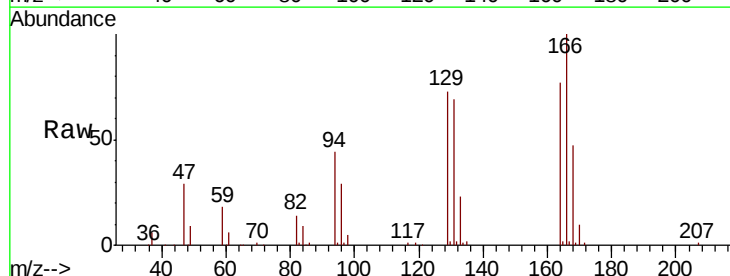
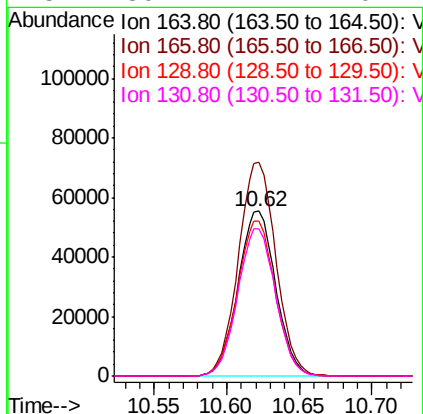
Instrument :
MSVOA_N
ClientSampled :

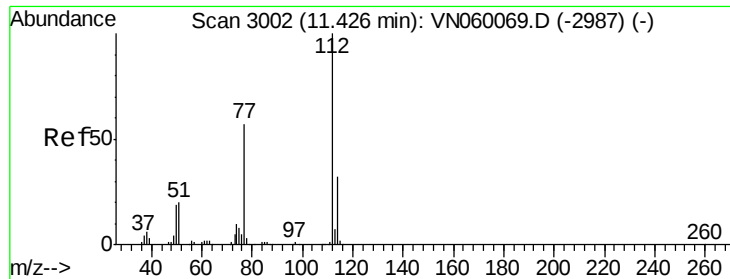
Tot Ion:117 Resp: 287406
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 32.0 25.8 38.6



#64
Tetrachloroethene
Concen: 45.946 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

Tgt Ion:164 Resp: 100384
Ion Ratio Lower Upper
164 100
166 129.6 101.9 152.9
129 94.1 75.4 113.0
131 89.1 71.4 107.2

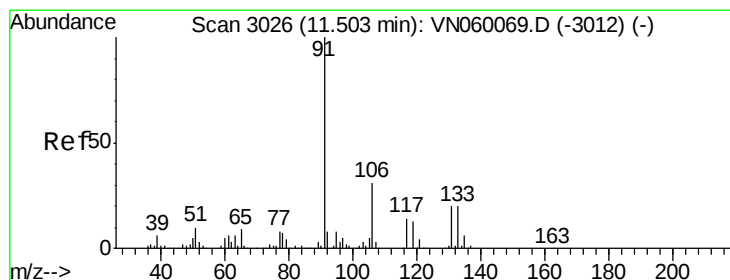
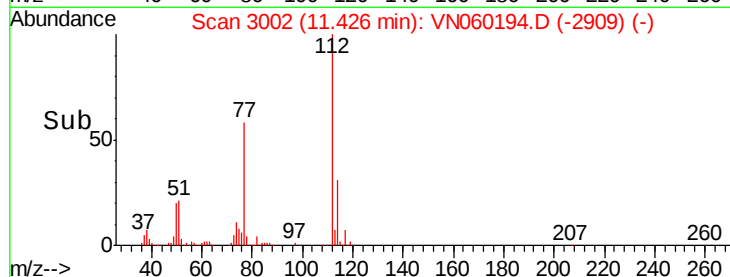
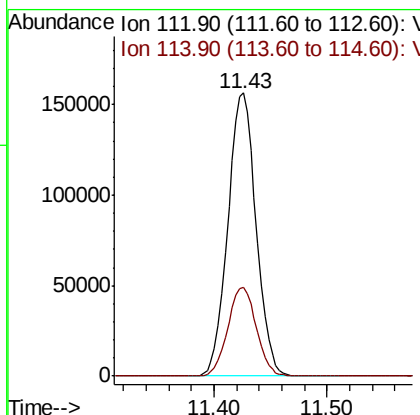
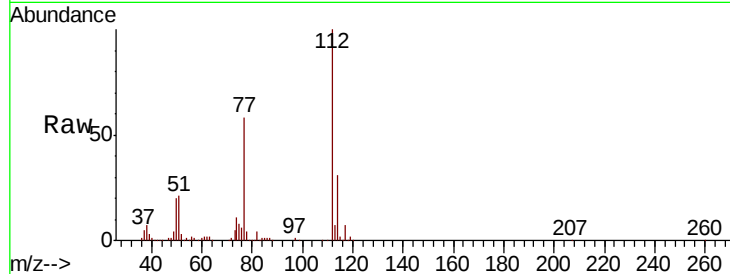




#65
Chlorobenzene
Concen: 46.342 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

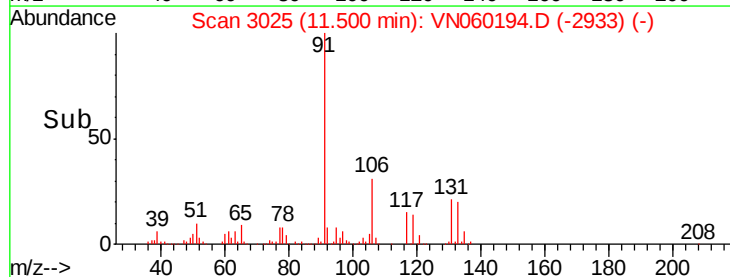
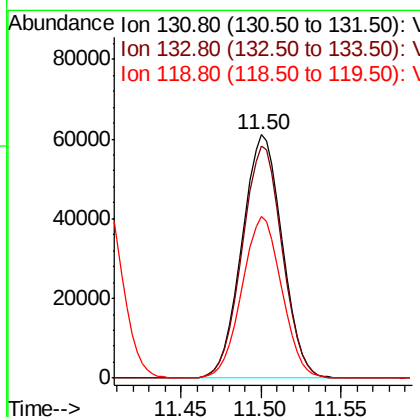
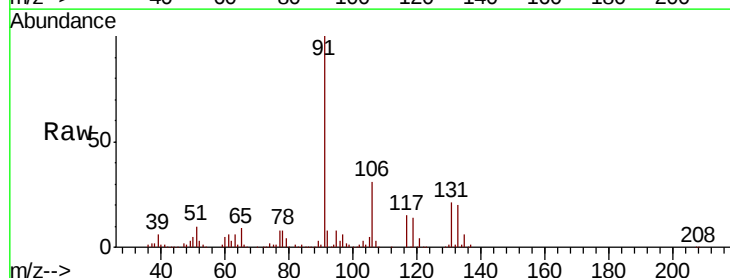
Instrument :
MSVOA_N
ClientSampleId :

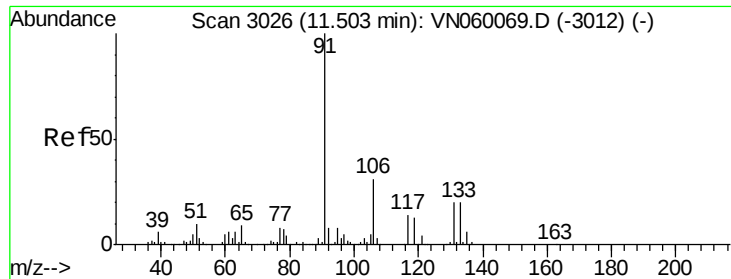
Tot Ion:112 Resp: 271356
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 47.389 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

Tgt Ion:131 Resp: 104971
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.7
119 65.5 32.6 97.7

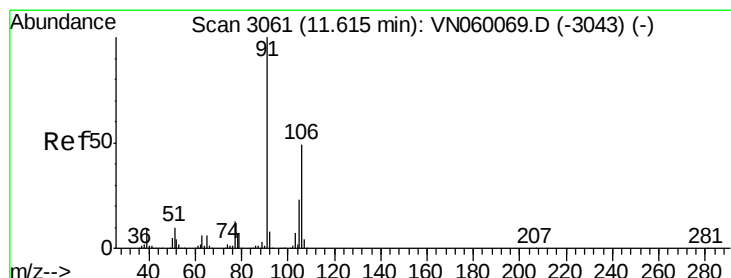
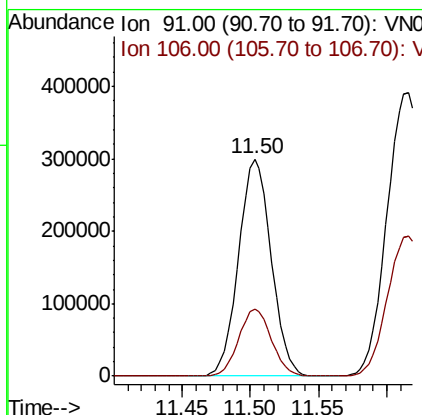
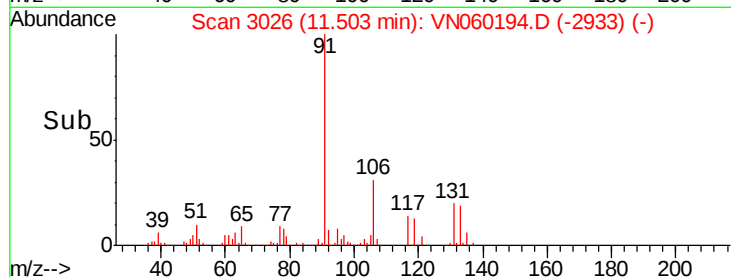
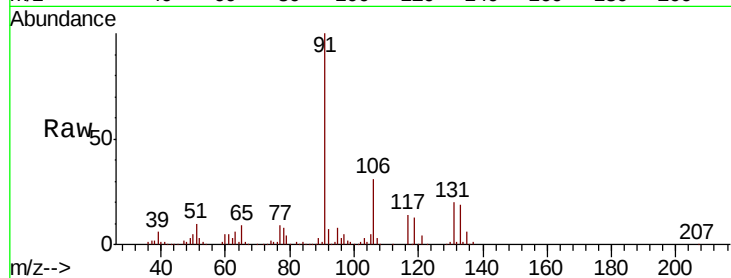




#67
Ethyl Benzene
Concen: 47.177 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

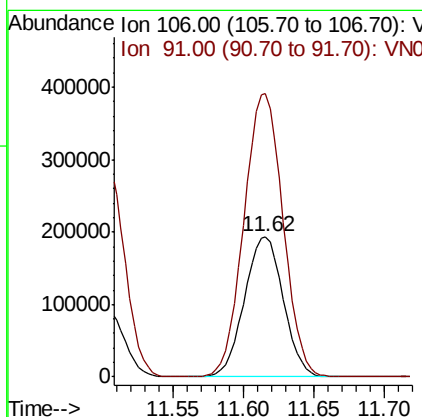
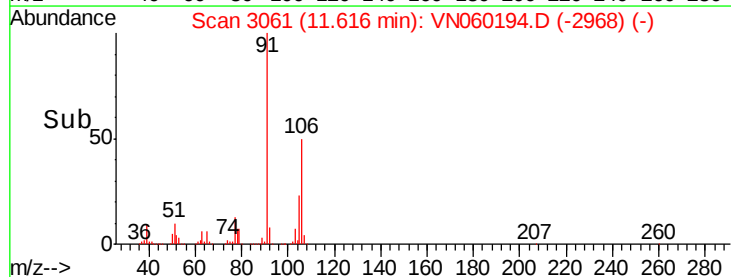
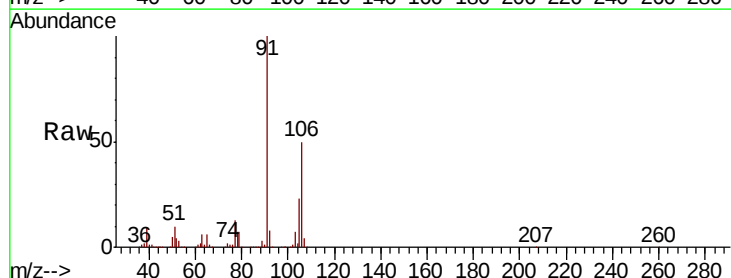
Instrument :
MSVOA_N
ClientSampled :

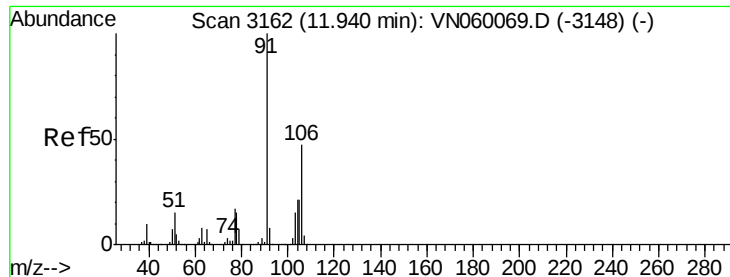
Tot Ion: 91 Resp: 498228
Ion Ratio Lower Upper
91 100
106 30.8 25.1 37.7



#68
m/p-Xylenes
Concen: 94.116 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

Tgt Ion: 106 Resp: 373038
Ion Ratio Lower Upper
106 100
91 203.5 162.7 244.1

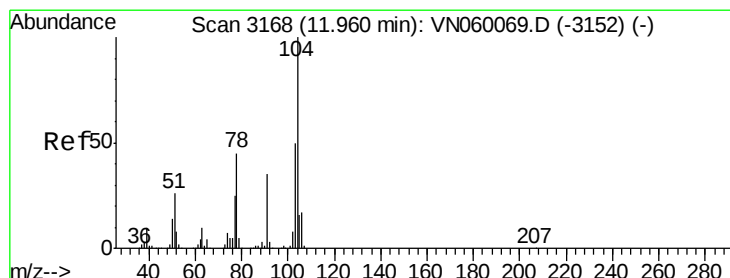
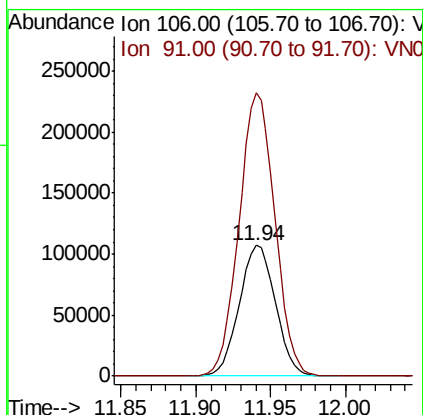
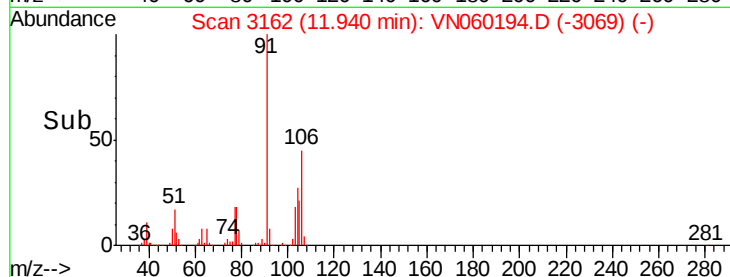
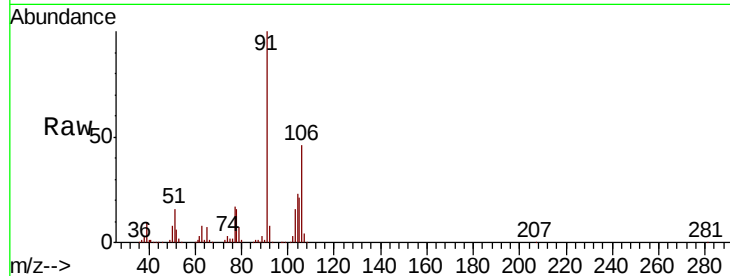




#69
o-Xylene
Concen: 47.165 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

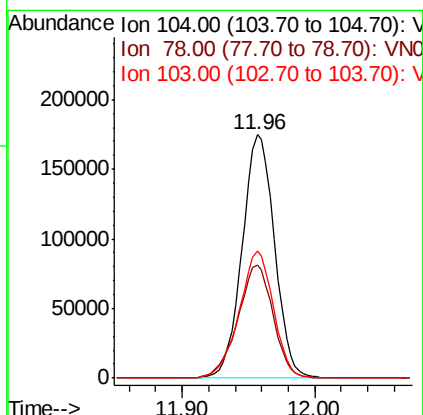
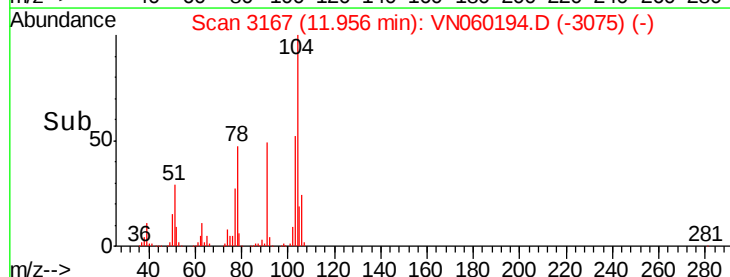
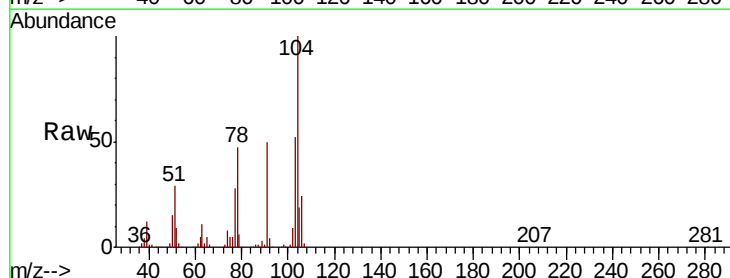
Instrument :
MSVOA_N
ClientSampled :

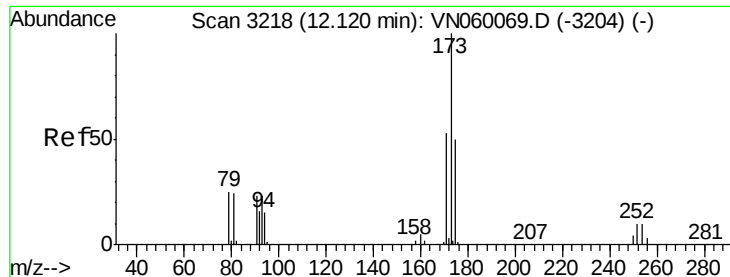
Tot Ion:106 Resp: 179997
Ion Ratio Lower Upper
106 100
91 215.1 107.2 321.6



#70
Styrene
Concen: 48.214 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

Tgt Ion:104 Resp: 296716
Ion Ratio Lower Upper
104 100
78 50.7 40.2 60.2
103 55.2 44.3 66.5





#71

Bromoform

Concen: 47.559 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060194.D

Acq: 21 Feb 2020 17:43

Instrument :

MSVOA_N

ClientSampleId :

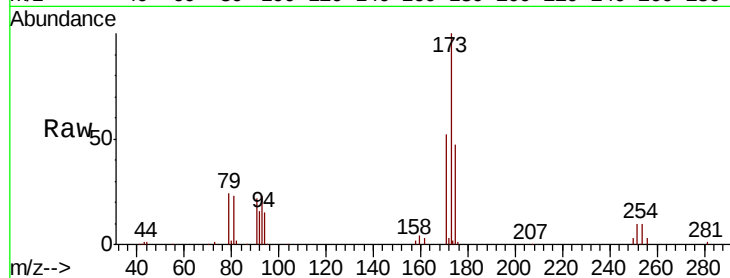
Tot Ion:173 Resp: 84732

Ion Ratio Lower Upper

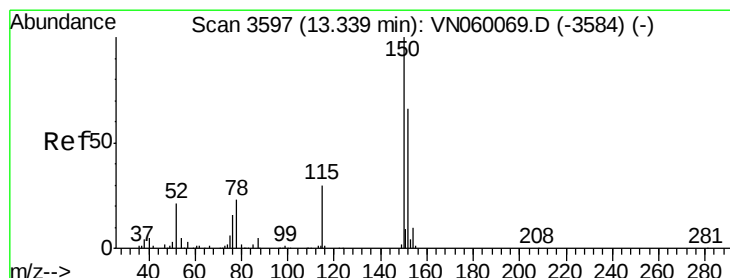
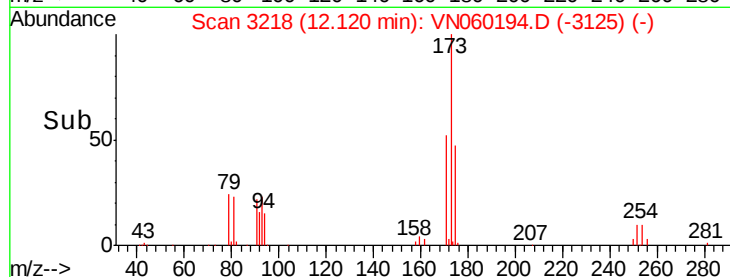
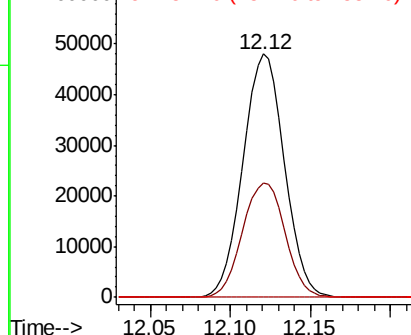
173 100

175 48.5 24.9 74.6

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: VN060194.D

Acq: 21 Feb 2020 17:43

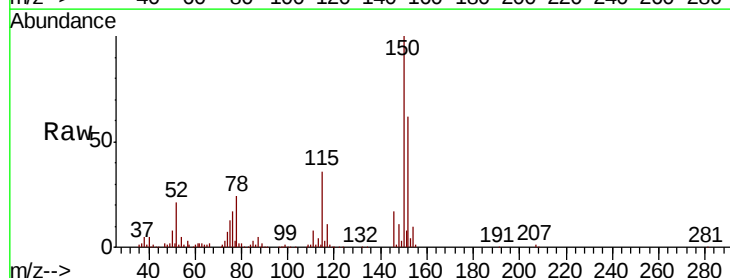
Tgt Ion:152 Resp: 145006

Ion Ratio Lower Upper

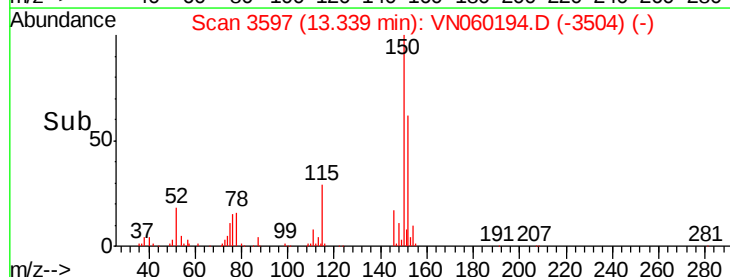
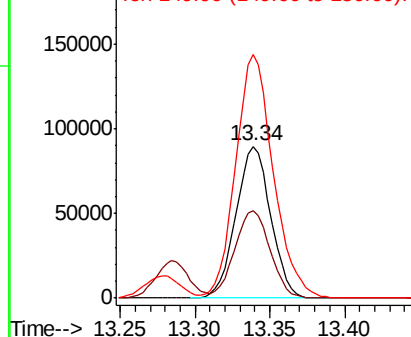
152 100

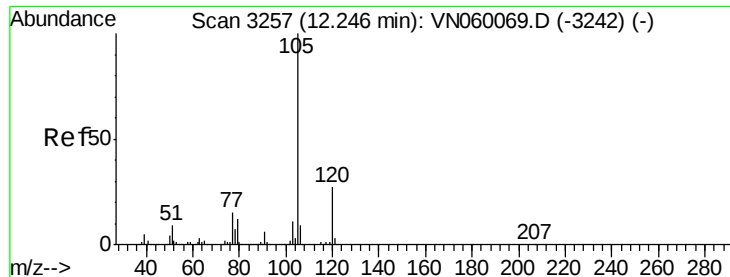
115 58.3 28.9 86.8

150 173.6 0.0 342.4



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: 45.506 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060194.D

Acq: 21 Feb 2020 17:43

Instrument :

MSVOA_N

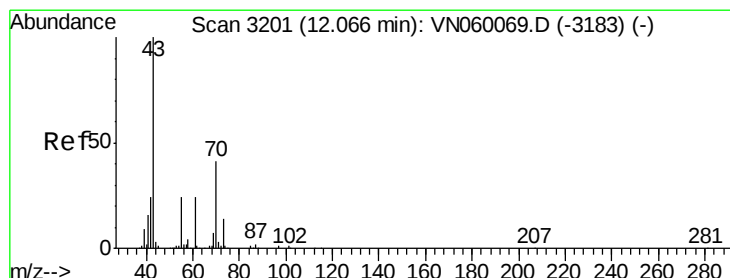
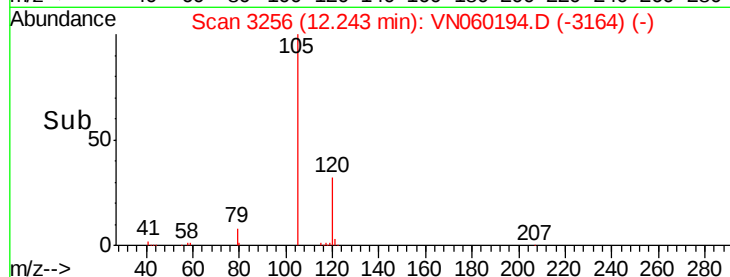
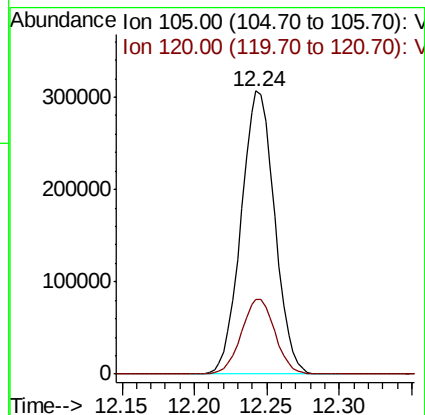
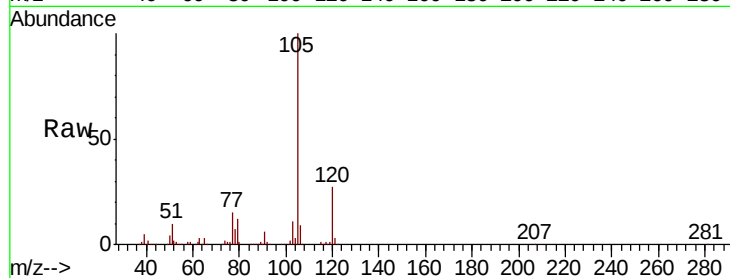
ClientSampleId :

Tot Ion:105 Resp: 492748

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8



#74

N-ethyl acetate

Concen: 47.488 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060194.D

Acq: 21 Feb 2020 17:43

Tgt Ion: 43 Resp: 185425

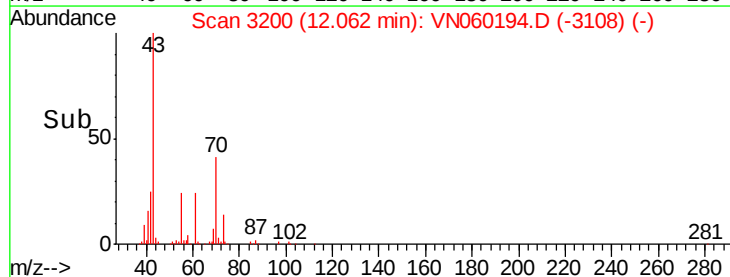
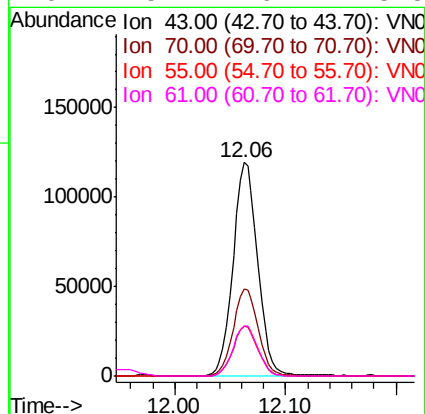
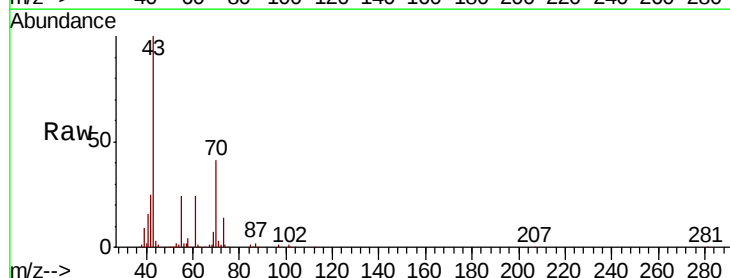
Ion Ratio Lower Upper

43 100

70 41.2 33.4 50.0

55 23.5 18.8 28.2

61 23.7 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 45.259 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. -0.00 min

Lab File: VN060194.D

Acq: 21 Feb 2020 17:43

Instrument :

MSVOA_N

ClientSampleId :

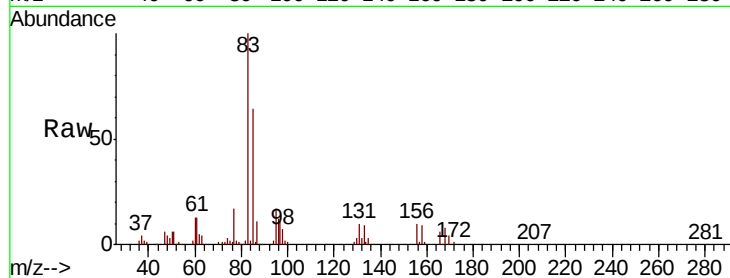
Tot Ion: 83 Resp: 141061

Ion Ratio Lower Upper

83 100

131 10.6 5.2 15.6

85 65.2 32.3 96.9

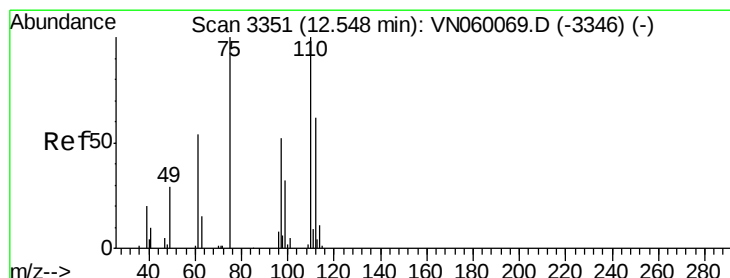
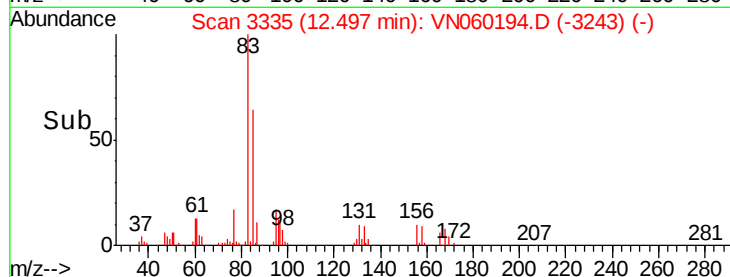
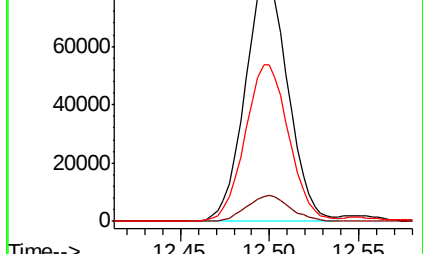


Abundance Ion 82.90 (82.60 to 83.60): VN060069.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN060069.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN060069.D (-3322) (-)

12.50



#76

1,2,3-Trichloropropane

Concen: 68.347 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060194.D

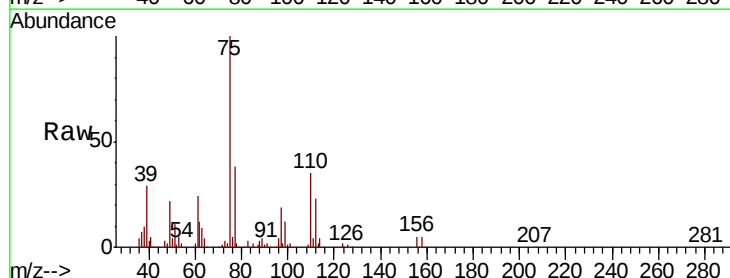
Acq: 21 Feb 2020 17:43

Tgt Ion: 75 Resp: 189615

Ion Ratio Lower Upper

75 100

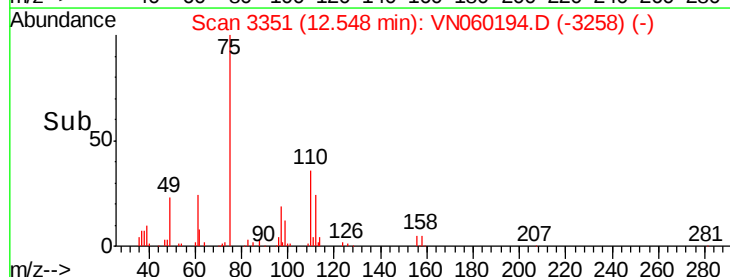
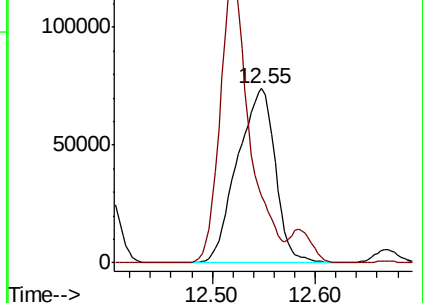
77 0.0 0.0 0.0

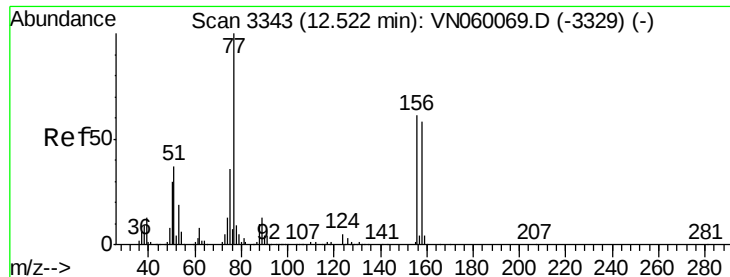


Abundance Ion 74.90 (74.60 to 75.60): VN060069.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN060069.D (-3346) (-)

12.55





#77

Bromobenzene

Concen: 46.072 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060194.D

Acq: 21 Feb 2020 17:43

Instrument :

MSVOA_N

ClientSampleId :

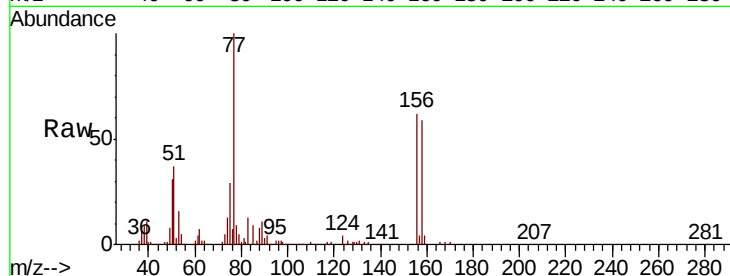
Tot Ion:156 Resp: 123807

Ion Ratio Lower Upper

156 100

77 196.7 98.7 296.1

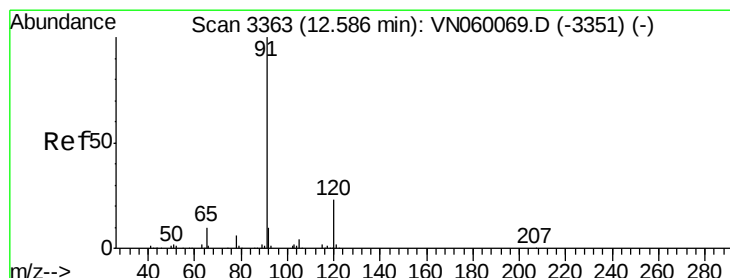
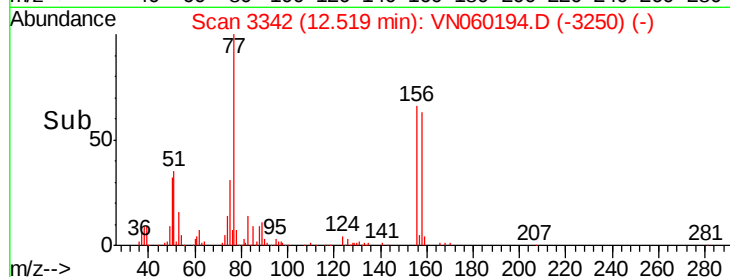
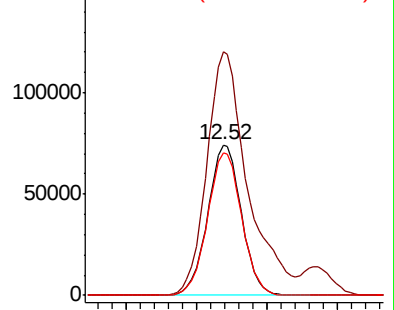
158 96.3 48.1 144.4



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: 45.745 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060194.D

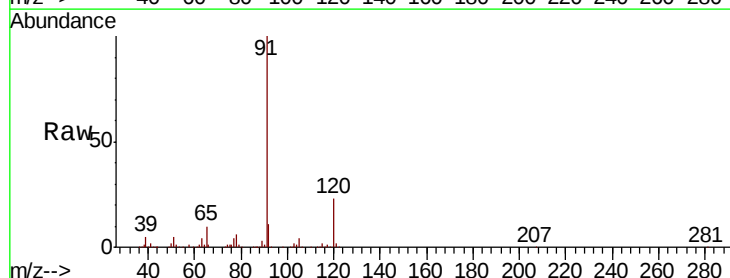
Acq: 21 Feb 2020 17:43

Tgt Ion: 91 Resp: 564361

Ion Ratio Lower Upper

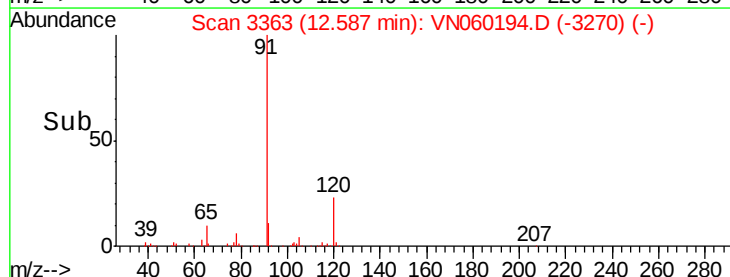
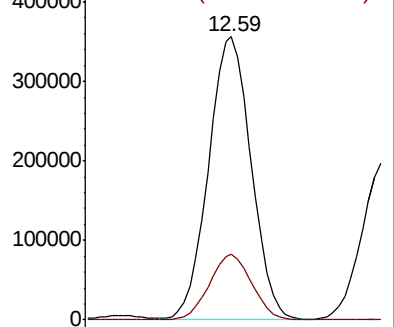
91 100

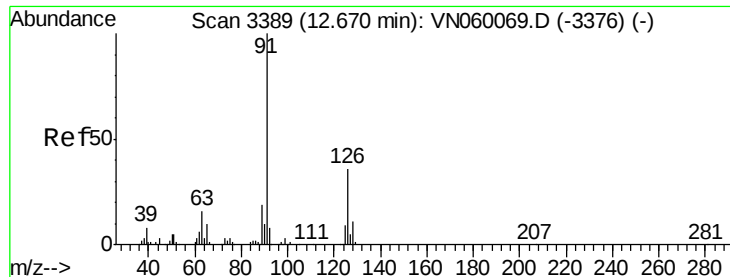
120 23.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.387 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN060194.D

Acq: 21 Feb 2020 17:43

Instrument :

MSVOA_N

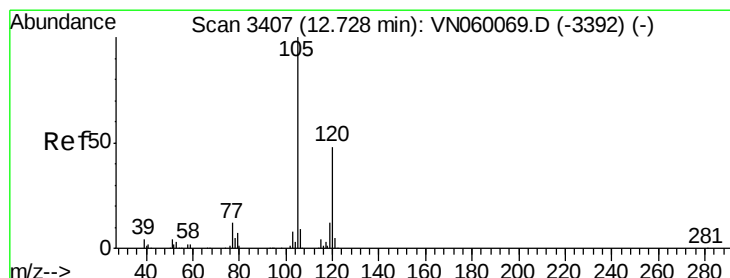
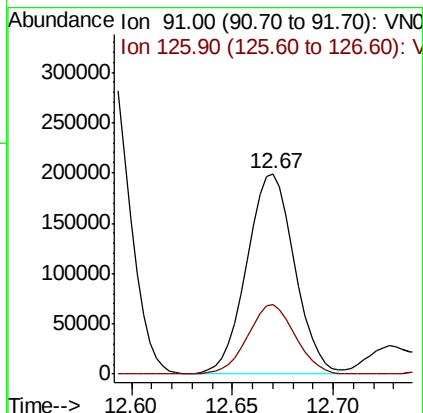
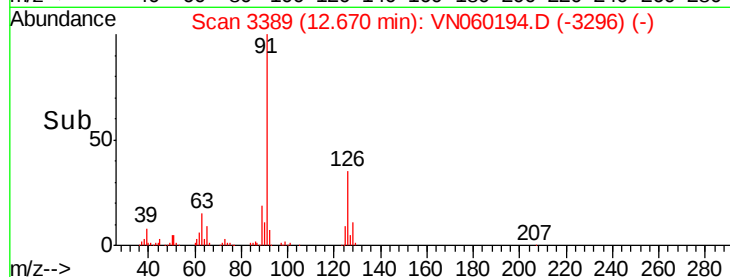
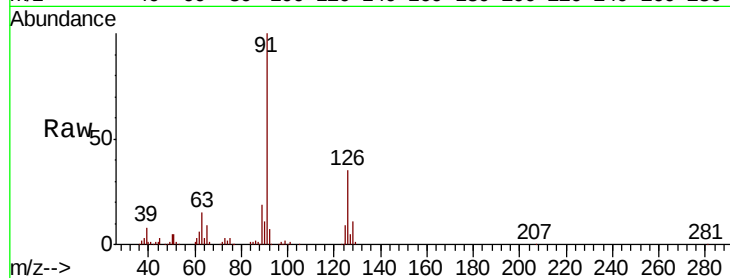
ClientSampleId :

Tot Ion: 91 Resp: 329114

Ion Ratio Lower Upper

91 100

126 34.6 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 46.022 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN060194.D

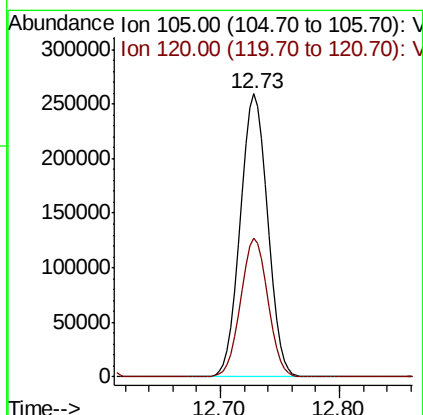
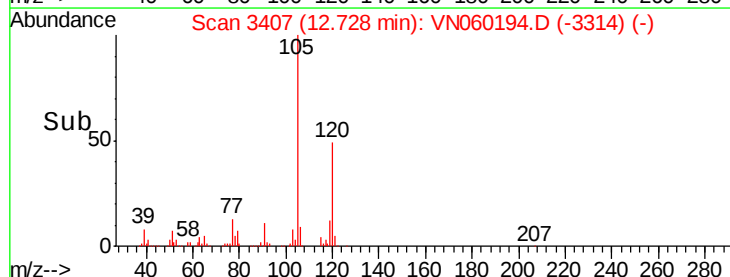
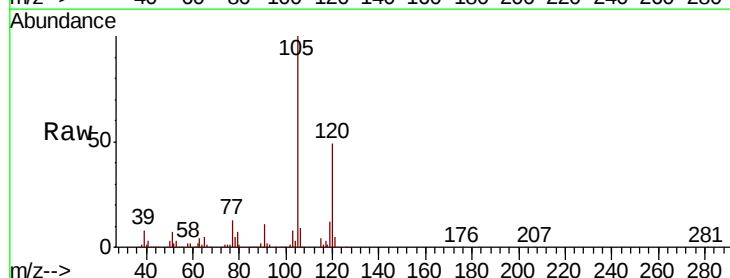
Acq: 21 Feb 2020 17:43

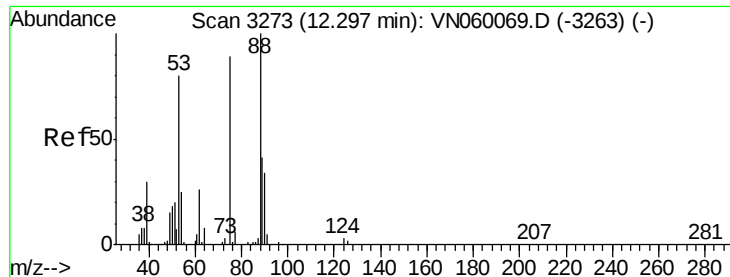
Tgt Ion: 105 Resp: 414344

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.9

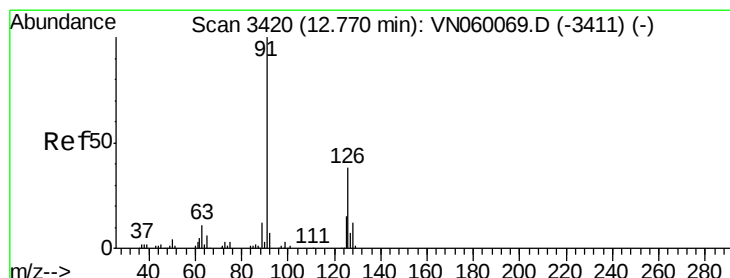
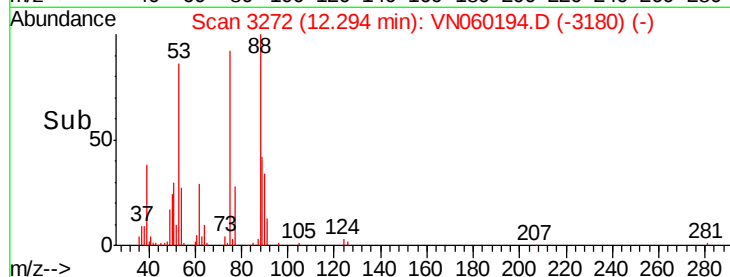
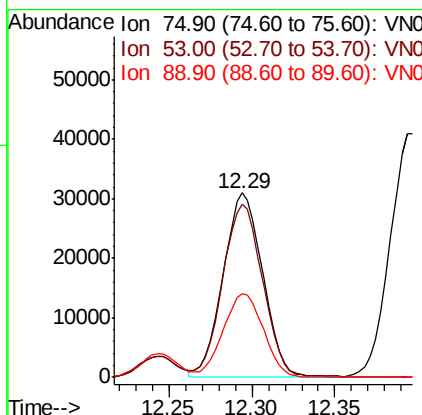
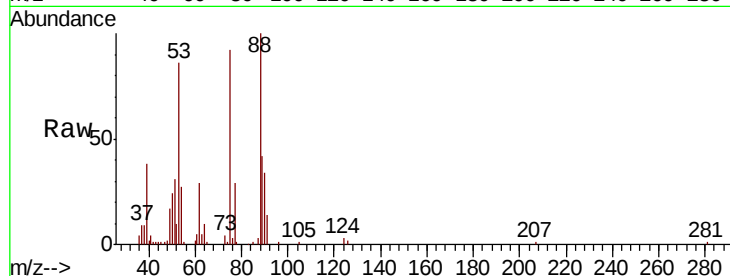




#81
trans-1,4-Dichloro-2-butene
Concen: 45.499 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. -0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

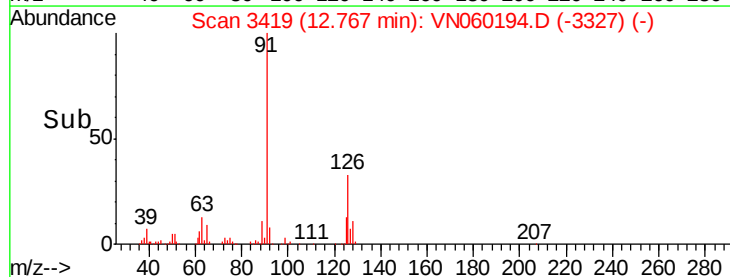
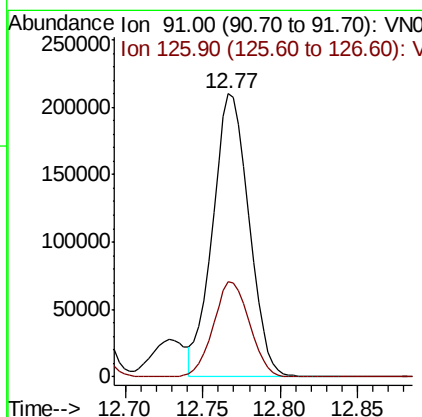
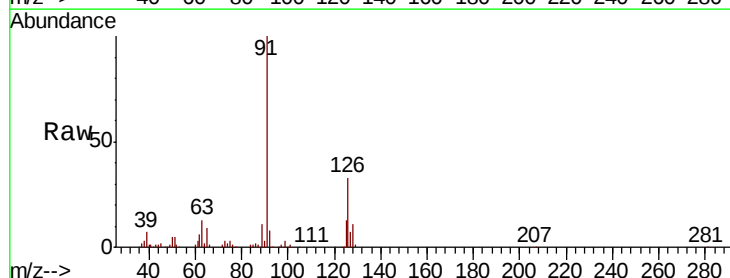
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 75 Resp: 51553
Ion Ratio Lower Upper
75 100
53 95.3 73.9 110.9
89 46.0 37.0 55.4



#82
4-Chlorotoluene
Concen: 45.980 ug/l
RT: 12.77 min Scan# 3419
Delta R.T. -0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

Tgt Ion: 91 Resp: 342075
Ion Ratio Lower Upper
91 100
126 33.8 17.1 51.3





#83

tert-Butylbenzene

Concen: 44.974 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. 0.00 min

Lab File: VN060194.D

Acq: 21 Feb 2020 17:43

Instrument :

MSVOA_N

ClientSampleId :

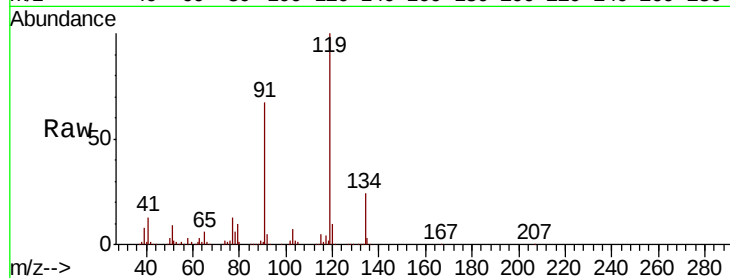
Tot Ion:119 Resp: 358193

Ion Ratio Lower Upper

119 100

91 65.9 32.7 98.1

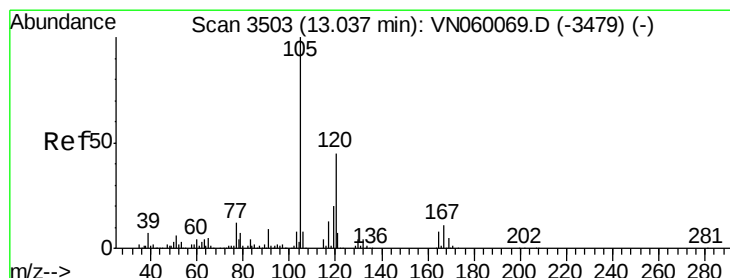
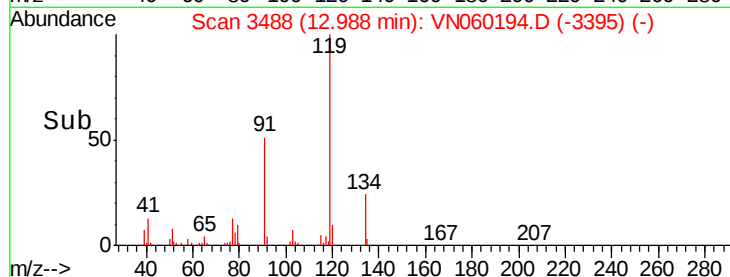
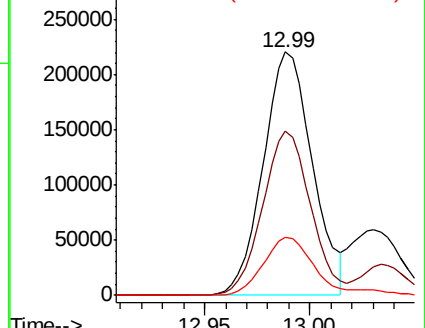
134 25.5 12.9 38.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 46.856 ug/l

RT: 13.03 min Scan# 3502

Delta R.T. -0.00 min

Lab File: VN060194.D

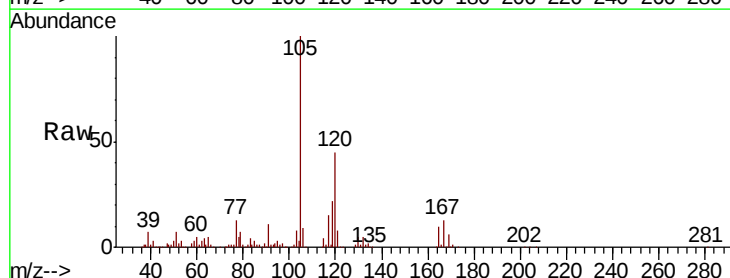
Acq: 21 Feb 2020 17:43

Tgt Ion:105 Resp: 416421

Ion Ratio Lower Upper

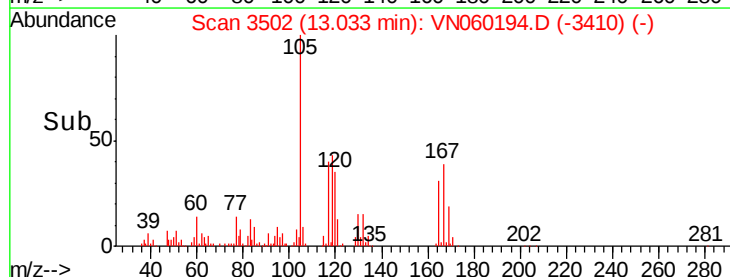
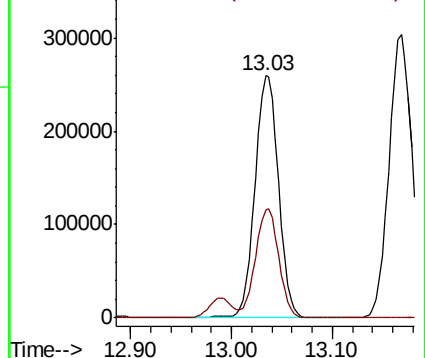
105 100

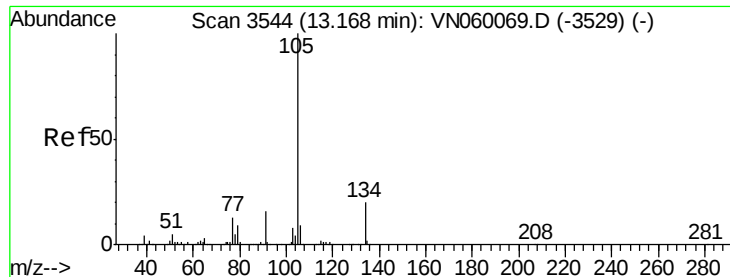
120 44.5 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 45.639 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN060194.D

Acq: 21 Feb 2020 17:43

Instrument :

MSVOA_N

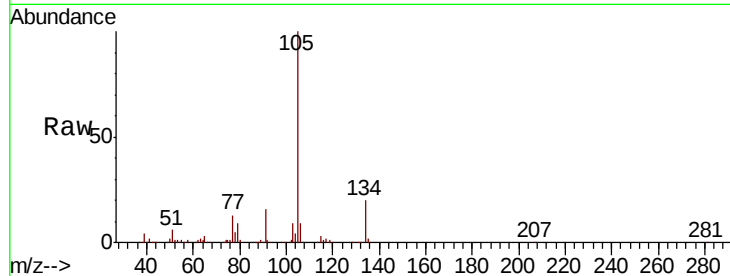
ClientSampleId :

Tot Ion:105 Resp: 481392

Ion Ratio Lower Upper

105 100

134 19.7 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

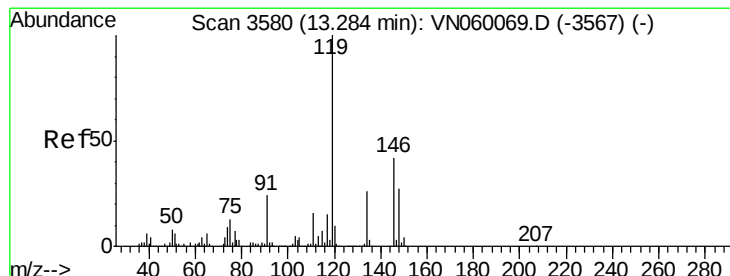
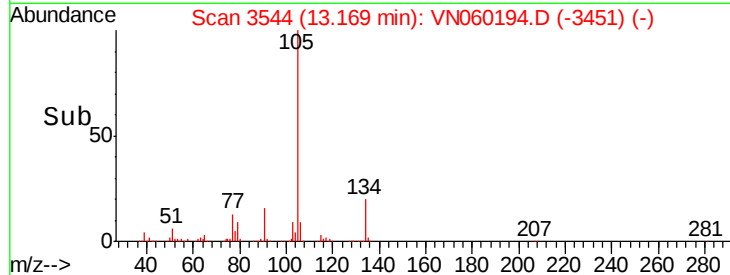
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 45.624 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN060194.D

Acq: 21 Feb 2020 17:43

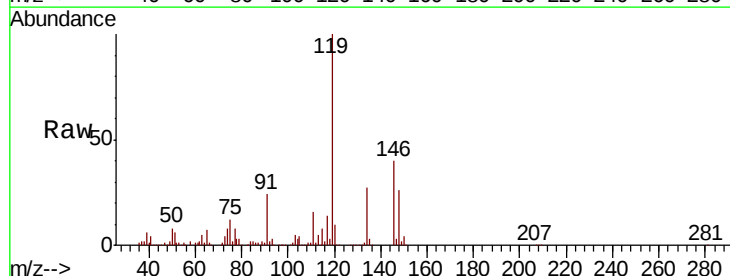
Tgt Ion:119 Resp: 436007

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 24.2 11.9 35.9



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

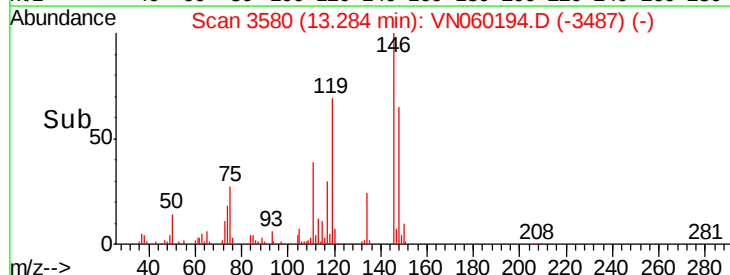
300000

200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 46.334 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN060194.D

Acq: 21 Feb 2020 17:43

Instrument :

MSVOA_N

ClientSampled :

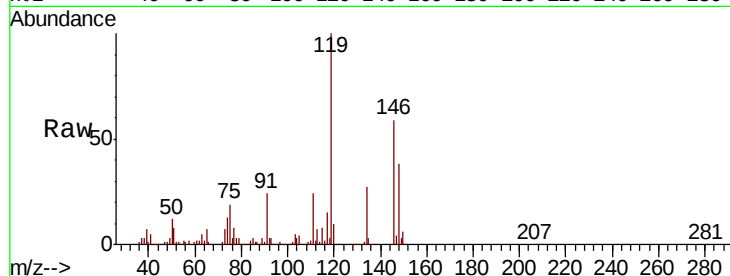
Tot Ion:146 Resp: 220401

Ion Ratio Lower Upper

146 100

111 39.6 19.8 59.3

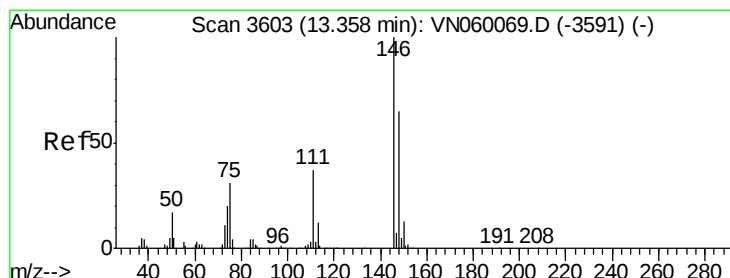
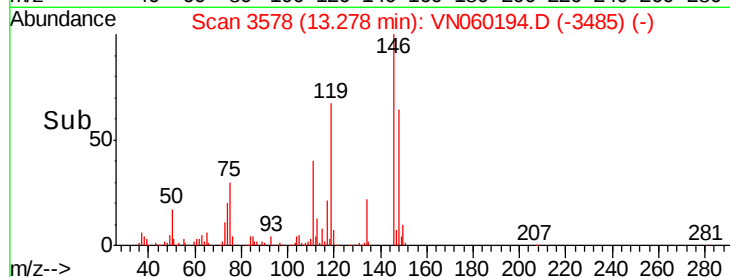
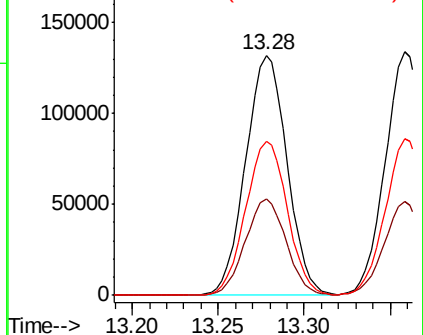
148 64.5 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 46.120 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN060194.D

Acq: 21 Feb 2020 17:43

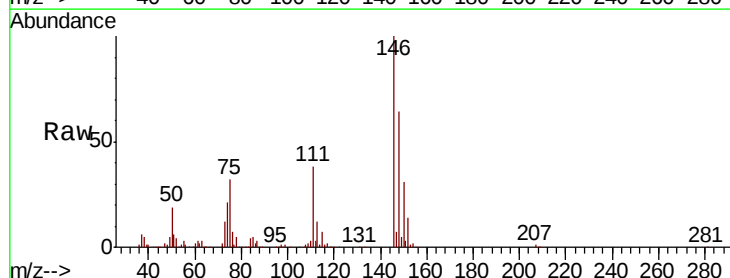
Tgt Ion:146 Resp: 219336

Ion Ratio Lower Upper

146 100

111 38.6 18.9 56.5

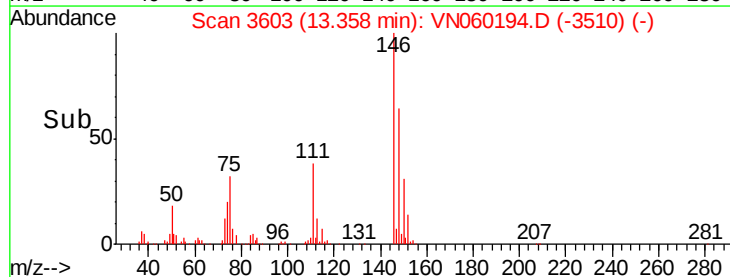
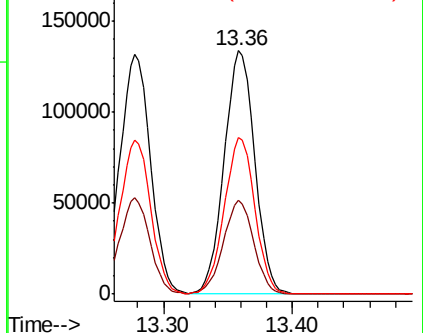
148 64.5 32.0 96.0

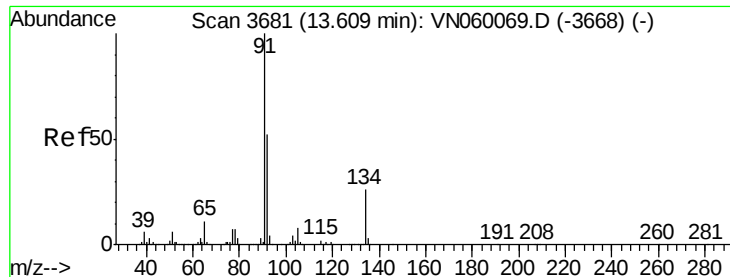


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

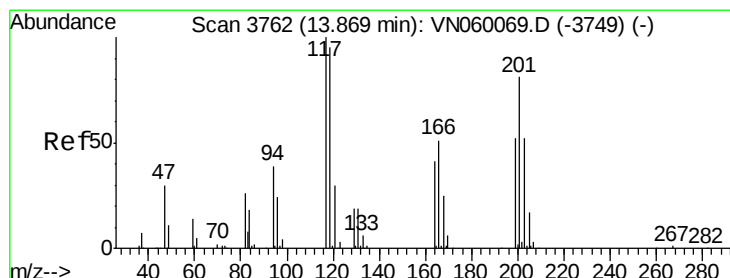
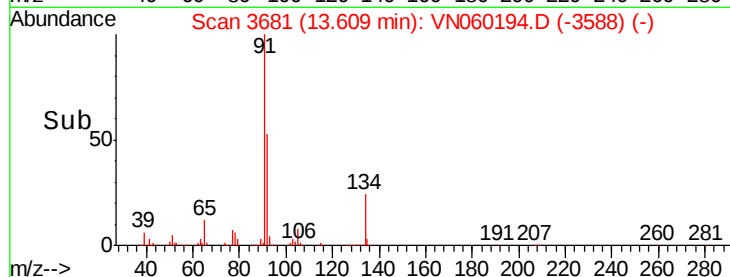
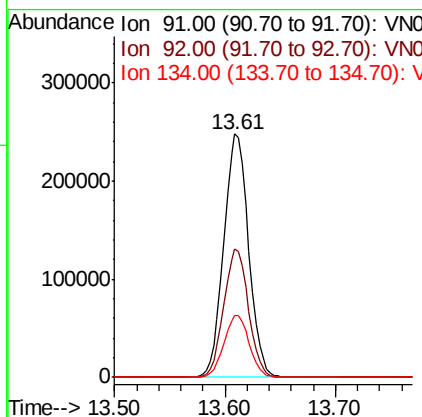
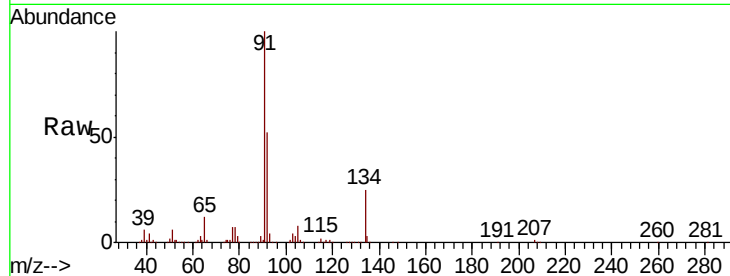




#89
n-Butylbenzene
Concen: 46.096 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. 0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

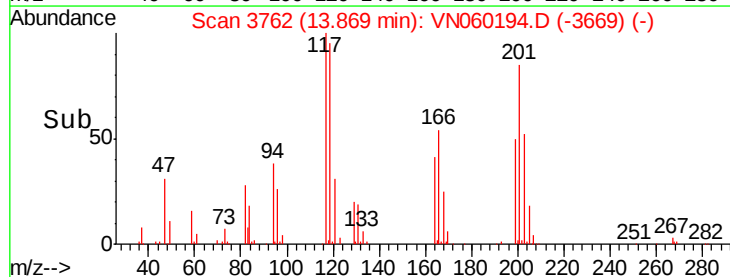
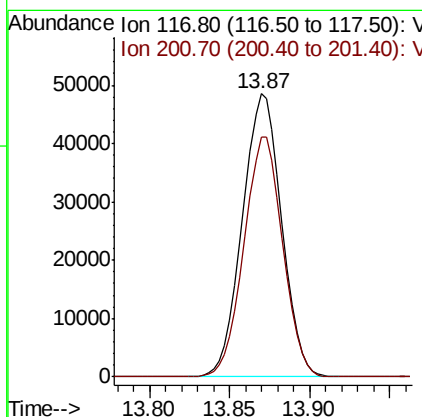
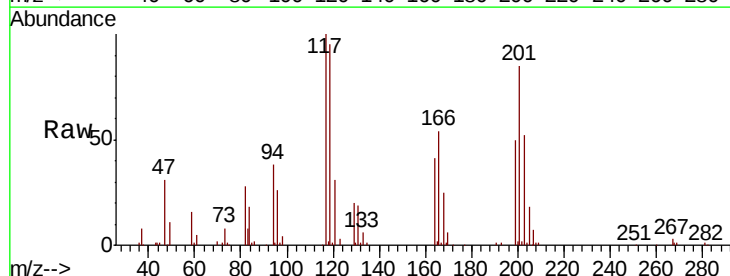
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 91 Resp: 387469
Ion Ratio Lower Upper
91 100
92 52.3 26.1 78.2
134 25.8 13.1 39.3



#90
Hexachloroethane
Concen: 45.382 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

Tgt Ion: 117 Resp: 81023
Ion Ratio Lower Upper
117 100
201 83.9 41.7 125.1

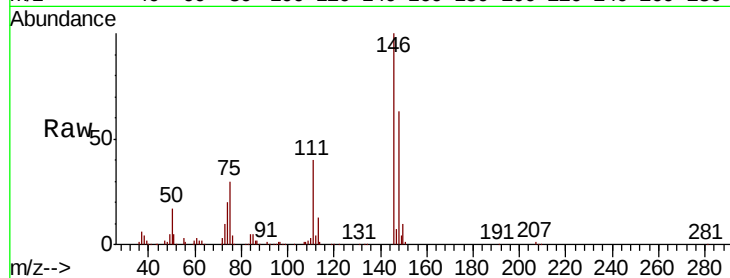




#91
 1,2-Dichlorobenzene
 Concen: 46.474 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. -0.00 min
 Lab File: VN060194.D
 Acq: 21 Feb 2020 17:43

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.1	60.2
148	63.4	31.9	95.5

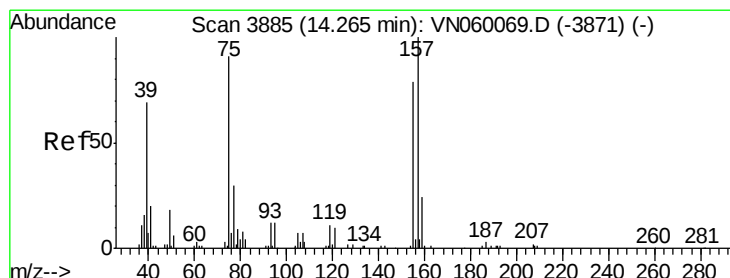
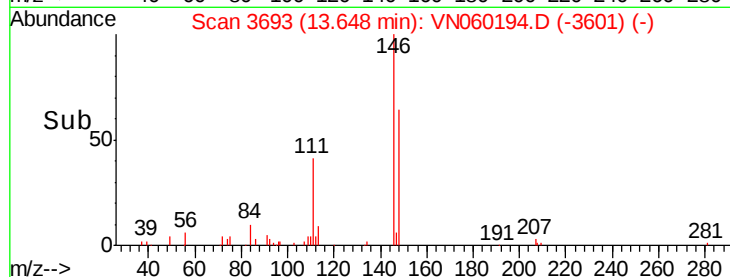
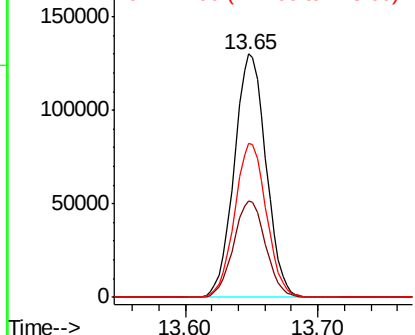


Abundance

Ion 145.90 (145.60 to 146.60): V

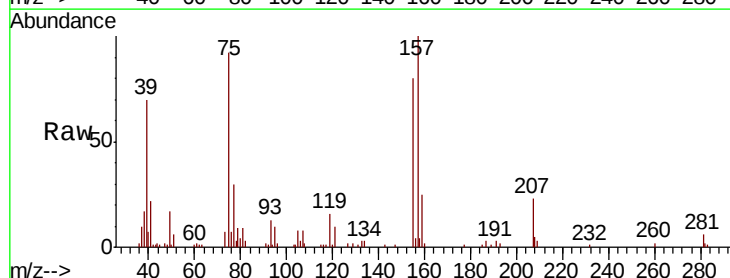
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.166 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060194.D
 Acq: 21 Feb 2020 17:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.0	43.0	129.0
157	107.9	54.9	164.5

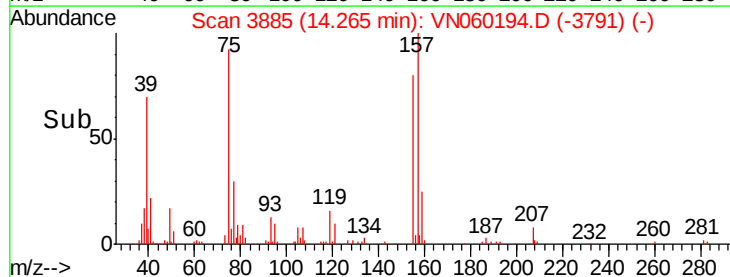
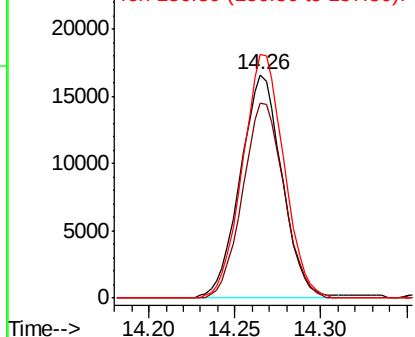


Abundance

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

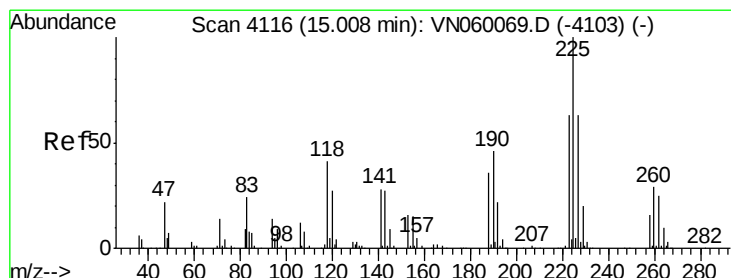
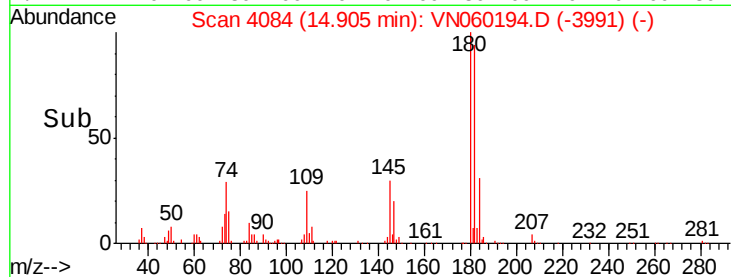
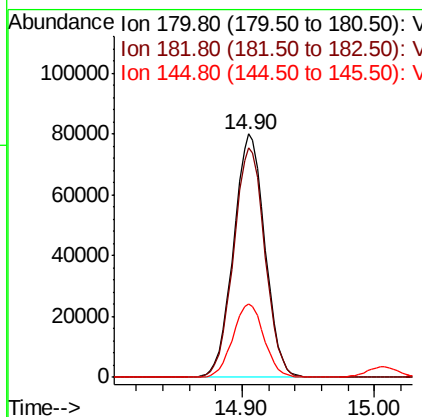
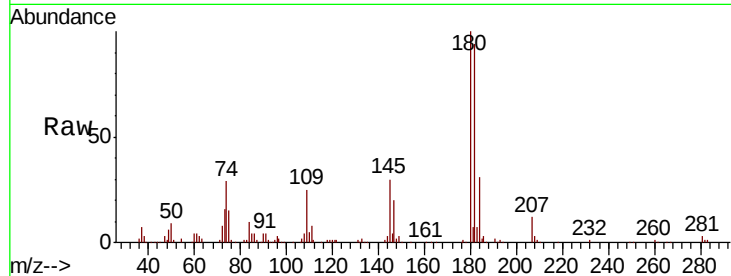




#93
 1,2,4-Trichlorobenzene
 Concen: 47.963 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN060194.D
 Acq: 21 Feb 2020 17:43

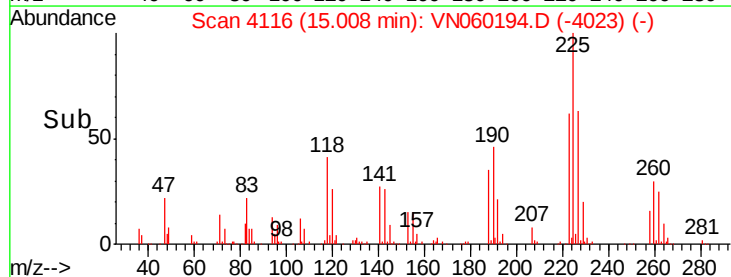
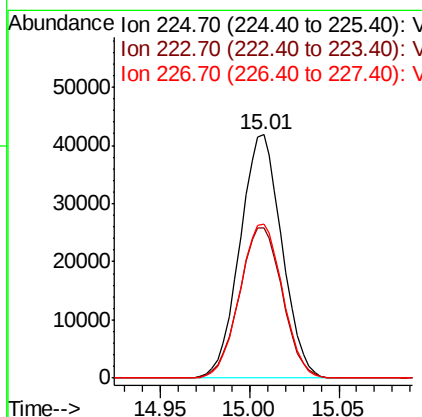
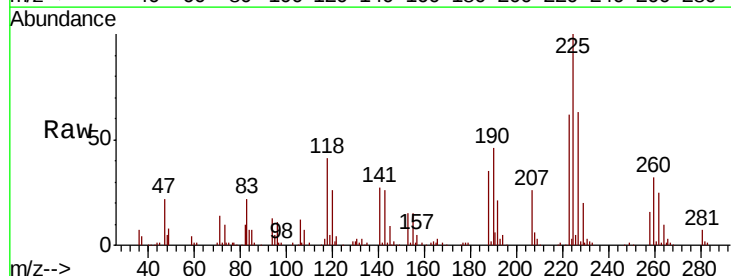
Instrument :
 MSVOA_N
 ClientSampleId :

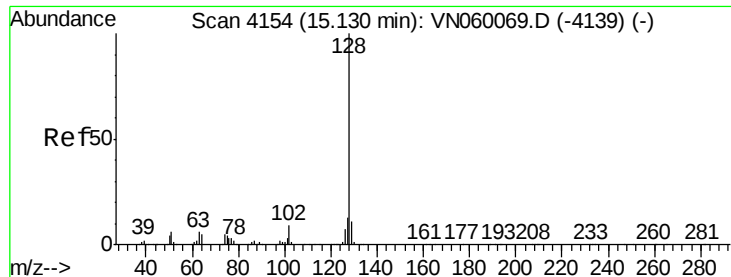
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.9	143.8
145	30.0	15.2	45.5



#94
 Hexachlorobutadiene
 Concen: 42.950 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060194.D
 Acq: 21 Feb 2020 17:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.5	94.5
227	64.6	31.8	95.4

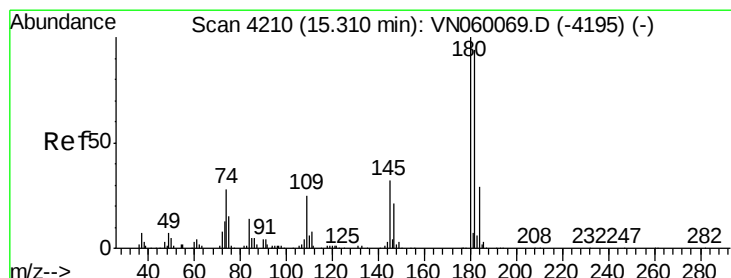
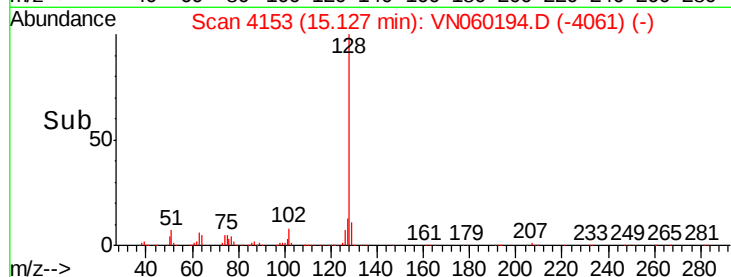
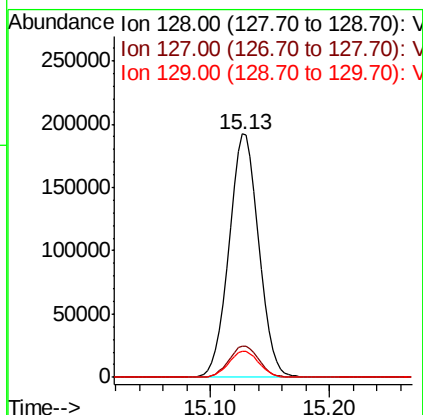
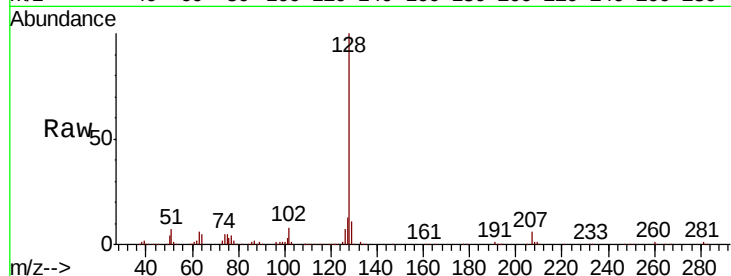




#95
Naphthalene
Concen: 45.010 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 332564
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 45.770 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN060194.D
Acq: 21 Feb 2020 17:43

Tgt Ion:180 Resp: 124673
Ion Ratio Lower Upper
180 100
182 95.6 47.5 142.5
145 31.7 16.1 48.3

