

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020720\
 Data File : VN060032.D
 Acq On : 7 Feb 2020 16:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 07 23:14:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	182684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	284495	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	265173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139746	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	105158	51.83	ug/l	0.00
Spiked Amount						
			Recovery	=	103.66%	
35) Dibromofluoromethane	7.56	113	88115	51.94	ug/l	0.00
Spiked Amount						
			Recovery	=	103.88%	
50) Toluene-d8	10.08	98	330291	50.25	ug/l	0.00
Spiked Amount						
			Recovery	=	100.50%	
62) 4-Bromofluorobenzene	12.40	95	128546	54.25	ug/l	0.00
Spiked Amount						
			Recovery	=	108.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	82567	38.212	ug/l	99
3) Chloromethane	2.04	50	83099	39.732	ug/l	98
4) Vinyl Chloride	2.17	62	110113	46.014	ug/l	96
5) Bromomethane	2.54	94	67662	46.331	ug/l	97
6) Chloroethane	2.68	64	53385	47.153	ug/l	95
7) Trichlorofluoromethane	3.00	101	135126	47.018	ug/l	97
8) Diethyl Ether	3.38	74	49986	49.561	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.74	101	81067	50.682	ug/l	93
10) Methyl Iodide	3.93	142	104195	40.301	ug/l	96
11) Tert butyl alcohol	4.73	59	76783	224.821	ug/l	99
12) 1,1-Dichloroethene	3.72	96	74599	44.634	ug/l	91
13) Acrolein	3.57	56	120725	499.356	ug/l	97
14) Allyl chloride	4.29	41	107405	47.676	ug/l #	83
15) Acrylonitrile	4.94	53	202012	259.303	ug/l	100
16) Acetone	3.78	43	173385	250.599	ug/l	95
17) Carbon Disulfide	4.03	76	169940	35.693	ug/l	100
18) Methyl Acetate	4.28	43	124352	52.475	ug/l	93
19) Methyl tert-butyl Ether	5.00	73	282901	51.914	ug/l	95
20) Methylene Chloride	4.52	84	89644	48.809	ug/l	90
21) trans-1,2-Dichloroethene	5.01	96	81043	45.616	ug/l	89
22) Diisopropyl ether	5.91	45	268910	52.673	ug/l #	96
23) Vinyl Acetate	5.86	43	1007280	254.832	ug/l	96
24) 1,1-Dichloroethane	5.82	63	157809	50.589	ug/l	97
25) 2-Butanone	6.80	43	266150	231.663	ug/l	91
26) 2,2-Dichloropropane	6.79	77	153818	51.290	ug/l	98
27) cis-1,2-Dichloroethene	6.80	96	102866	50.339	ug/l	89
28) Bromochloromethane	7.17	49	59926	48.064	ug/l #	77
29) Tetrahydrofuran	7.18	42	172518	242.700	ug/l	90
30) Chloroform	7.35	83	170196	52.658	ug/l	99
31) Cyclohexane	7.63	56	125924	41.951	ug/l	89
32) 1,1,1-Trichloroethane	7.54	97	152724	51.105	ug/l	97
36) 1,1-Dichloropropene	7.77	75	118573	47.860	ug/l	96
37) Ethyl Acetate	6.89	43	109738	47.226	ug/l	95
38) Carbon Tetrachloride	7.75	117	133368	49.487	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020720\
 Data File : VN060032.D
 Acq On : 7 Feb 2020 16:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 07 23:14:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	140209	45.898	ug/l	93
40) Benzene	8.02	78	359912	48.711	ug/l	99
41) Methacrylonitrile	7.18	41	163508	142.859	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	133972	53.478	ug/l	98
43) Isopropyl Acetate	8.14	43	199670	49.958	ug/l	96
44) Trichloroethene	8.82	130	99411	49.285	ug/l	94
45) 1,2-Dichloropropane	9.10	63	96378	52.713	ug/l	99
46) Dibromomethane	9.19	93	67598	52.412	ug/l	93
47) Bromodichloromethane	9.38	83	140978	54.243	ug/l	100
48) Methyl methacrylate	9.18	41	86608	48.445	ug/l	89
49) 1,4-Dioxane	9.18	88	33050	1009.856	ug/l	92
51) 4-Methyl-2-Pentanone	9.97	43	584381	252.932	ug/l	95
52) Toluene	10.14	92	234408	50.226	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	158435	54.595	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	163035	53.393	ug/l	94
55) 1,1,2-Trichloroethane	10.55	97	98759	53.428	ug/l	99
56) Ethyl methacrylate	10.42	69	144411	51.129	ug/l	93
57) 1,3-Dichloropropane	10.70	76	158173	53.899	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	238119	279.902	ug/l	92
59) 2-Hexanone	10.74	43	427158	250.959	ug/l	95
60) Dibromochloromethane	10.89	129	115667	54.951	ug/l	99
61) 1,2-Dibromoethane	11.00	107	101573	52.428	ug/l	100
64) Tetrachloroethene	10.62	164	95493	44.186	ug/l	97
65) Chlorobenzene	11.43	112	268040	51.427	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	105872	52.570	ug/l	98
67) Ethyl Benzene	11.50	91	476125	50.322	ug/l	99
68) m/p-Xylenes	11.62	106	359183	100.498	ug/l	95
69) o-Xylene	11.94	106	175749	50.228	ug/l	95
70) Styrene	11.96	104	295581	50.483	ug/l	97
71) Bromoform	12.12	173	87501	54.241	ug/l #	98
73) Isopropylbenzene	12.25	105	482755	47.103	ug/l	100
74) N-amyl acetate	12.06	43	182507	45.892	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	146728	49.384	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	192760	81.963	ug/l #	100
77) Bromobenzene	12.52	156	122114	47.050	ug/l	84
78) n-propylbenzene	12.59	91	556079	48.341	ug/l	98
79) 2-Chlorotoluene	12.67	91	326280	47.678	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	406012	47.105	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	53095	48.483	ug/l	96
82) 4-Chlorotoluene	12.77	91	335087	48.818	ug/l	96
83) tert-Butylbenzene	12.99	119	352216	47.248	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	408367	47.890	ug/l	99
85) sec-Butylbenzene	13.17	105	475664	48.566	ug/l	100
86) p-Isopropyltoluene	13.28	119	441431	48.709	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	220867	48.990	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	219663	48.840	ug/l	98
89) n-Butylbenzene	13.61	91	393475	50.921	ug/l	99
90) Hexachloroethane	13.87	117	84055	49.572	ug/l	91
91) 1,2-Dichlorobenzene	13.65	146	216392	48.551	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29750	46.504	ug/l	85

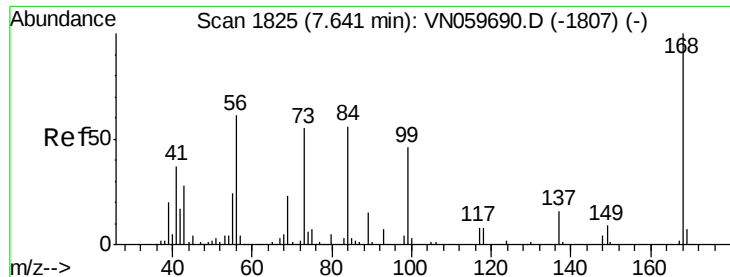
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020720\
Data File : VN060032.D
Acq On : 7 Feb 2020 16:06
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Feb 07 23:14:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	135705	50.671	ug/l	99
94) Hexachlorobutadiene	15.01	225	71569	48.494	ug/l	99
95) Naphthalene	15.13	128	355355	46.649	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	130236	49.960	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: VN060032.D

Acq: 7 Feb 2020 16:06

Instrument :

MSVOA_N

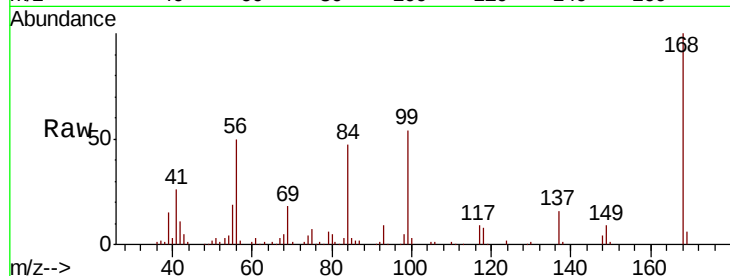
ClientSampled :

Tot Ion:168 Resp: 182684

Ion Ratio Lower Upper

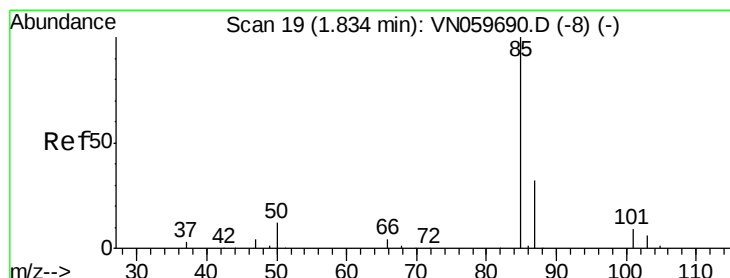
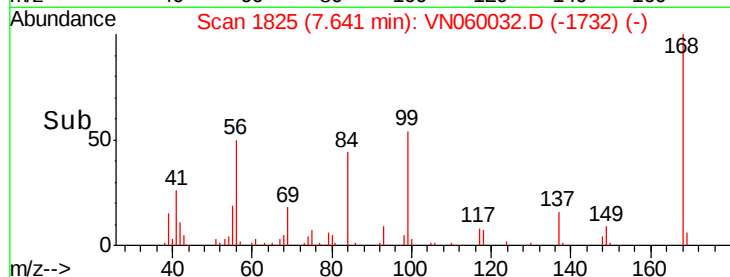
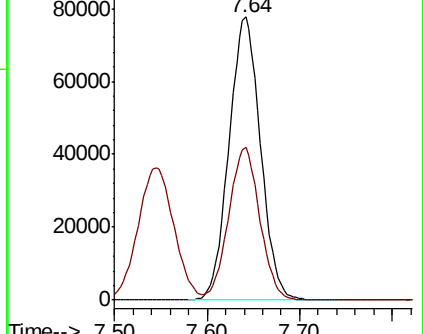
168 100

99 53.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 38.212 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060032.D

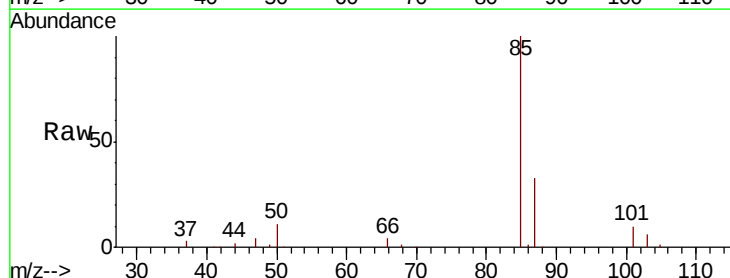
Acq: 7 Feb 2020 16:06

Tgt Ion: 85 Resp: 82567

Ion Ratio Lower Upper

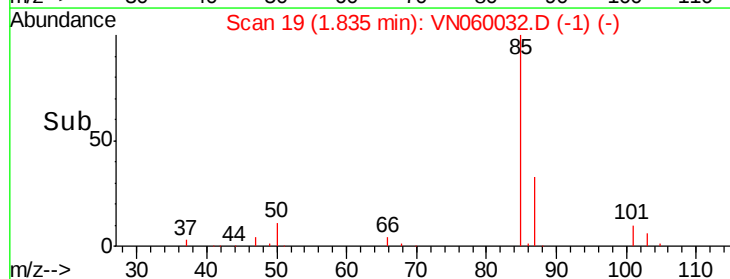
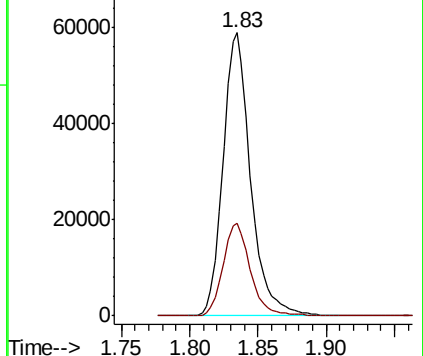
85 100

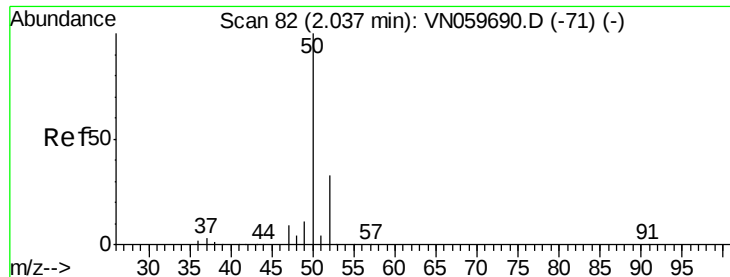
87 32.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 39.732 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060032.D

Acq: 7 Feb 2020 16:06

Instrument :

MSVOA_N

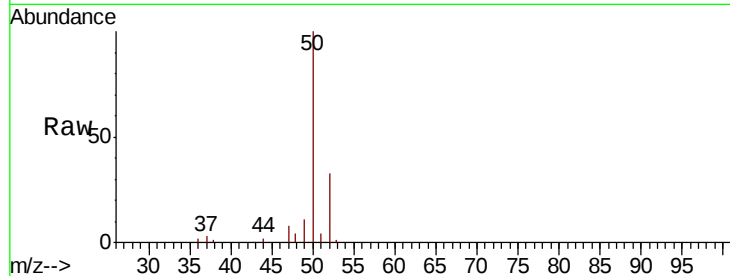
ClientSampleId :

Tot Ion: 50 Resp: 83099

Ion Ratio Lower Upper

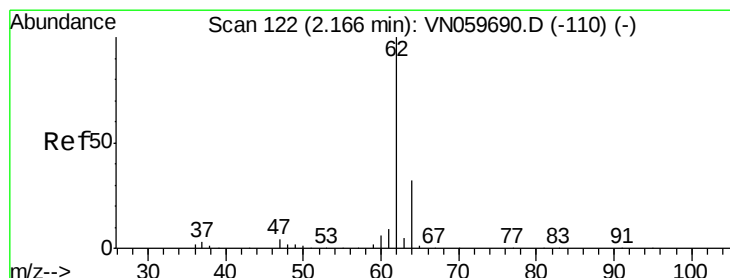
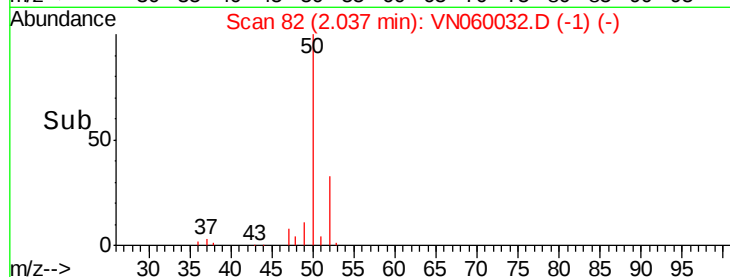
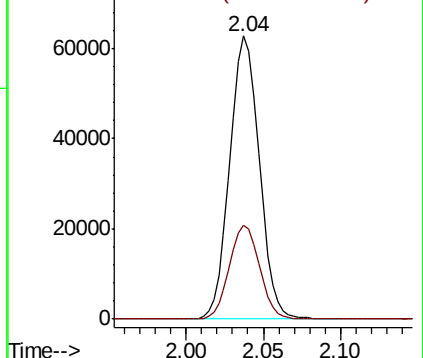
50 100

52 33.3 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 46.014 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN060032.D

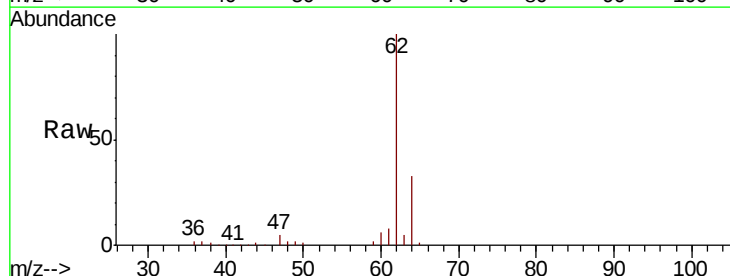
Acq: 7 Feb 2020 16:06

Tgt Ion: 62 Resp: 110113

Ion Ratio Lower Upper

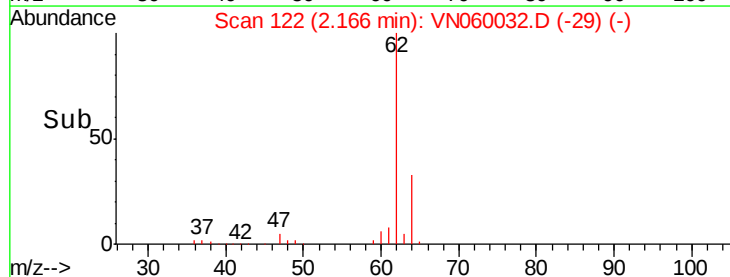
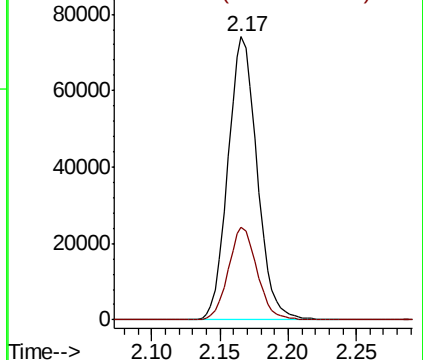
62 100

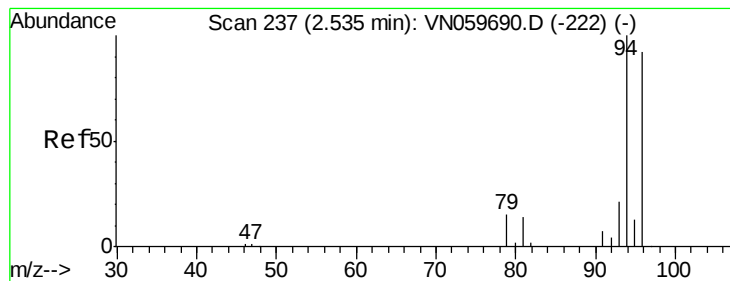
64 32.9 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 46.331 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.00 min

Lab File: VN060032.D

Acq: 7 Feb 2020 16:06

Instrument :

MSVOA_N

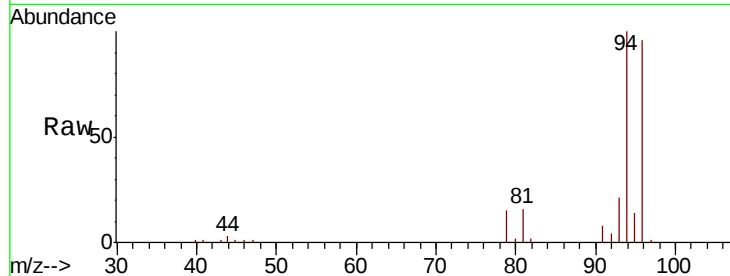
ClientSampleId :

Tot Ion: 94 Resp: 67662

Ion Ratio Lower Upper

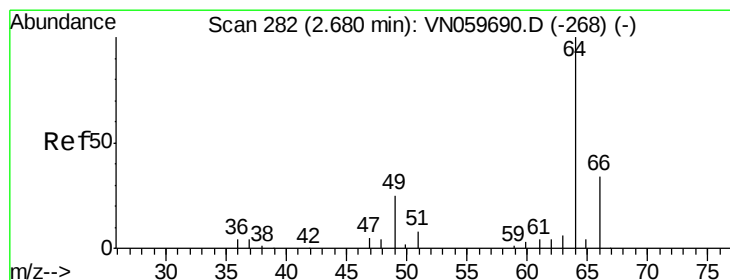
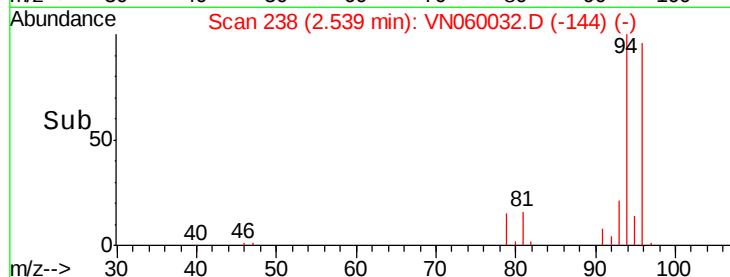
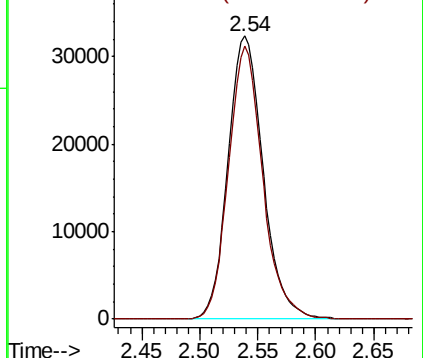
94 100

96 96.4 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 47.153 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN060032.D

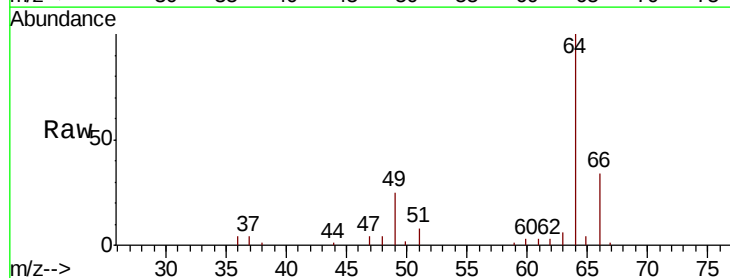
Acq: 7 Feb 2020 16:06

Tgt Ion: 64 Resp: 53385

Ion Ratio Lower Upper

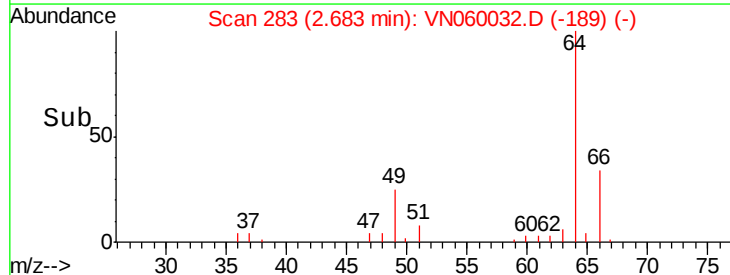
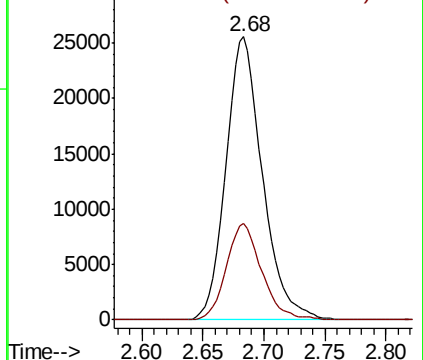
64 100

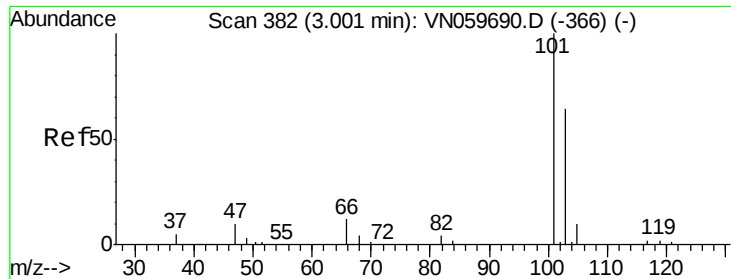
66 34.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



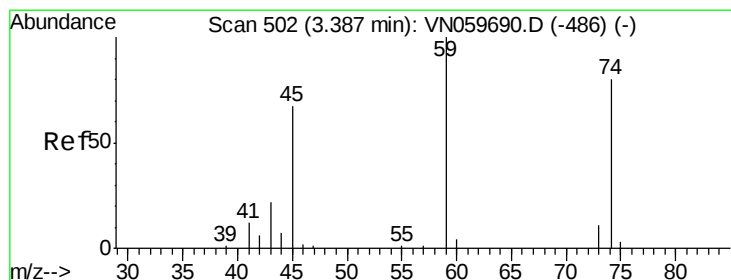
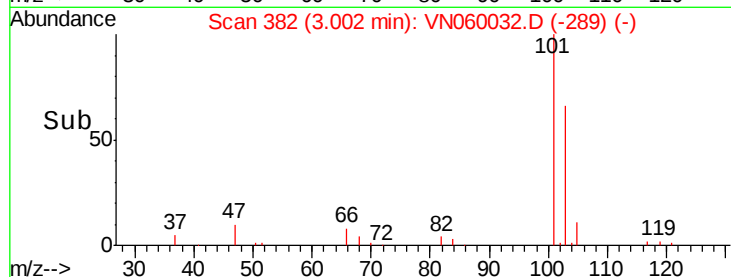
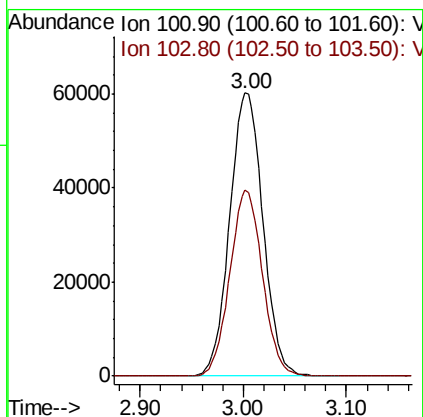
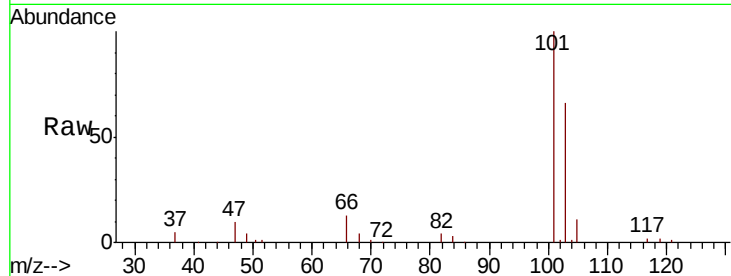


#7

Trichlorofluoromethane
 Concen: 47.018 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN060032.D
 Acq: 7 Feb 2020 16:06

Instrument :
 MSVOA_N
 ClientSampled :

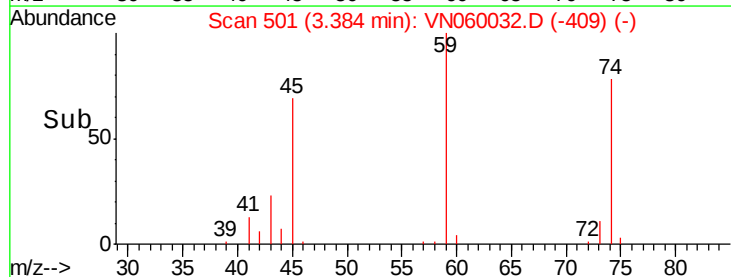
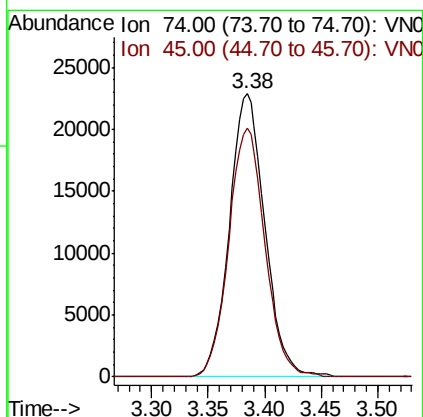
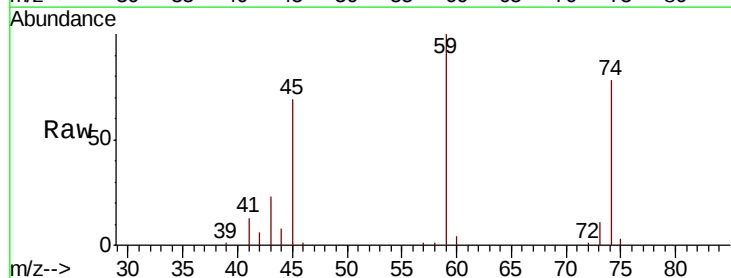
Tot Ion:101 Resp: 135126
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.0 76.6

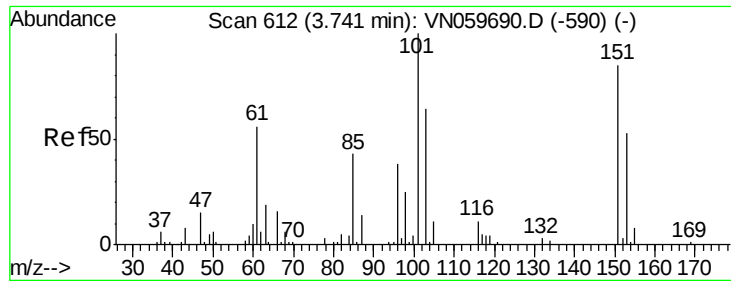


#8

Diethyl Ether
 Concen: 49.561 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN060032.D
 Acq: 7 Feb 2020 16:06

Tgt Ion: 74 Resp: 49986
 Ion Ratio Lower Upper
 74 100
 45 89.5 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.682 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN060032.D

Acq: 7 Feb 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

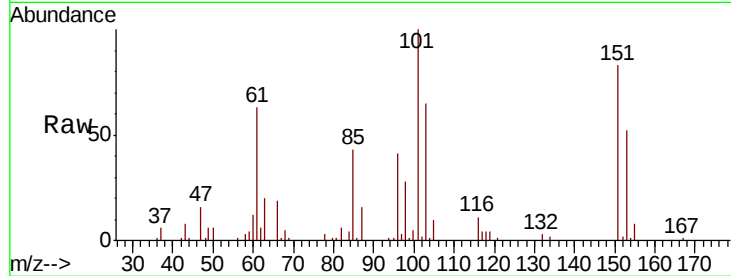
Tot Ion:101 Resp: 81067

Ion Ratio Lower Upper

101 100

85 43.1 36.6 54.8

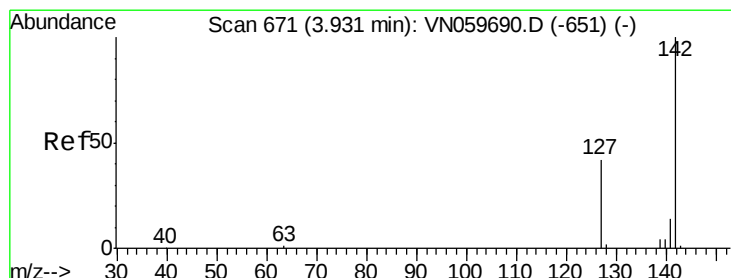
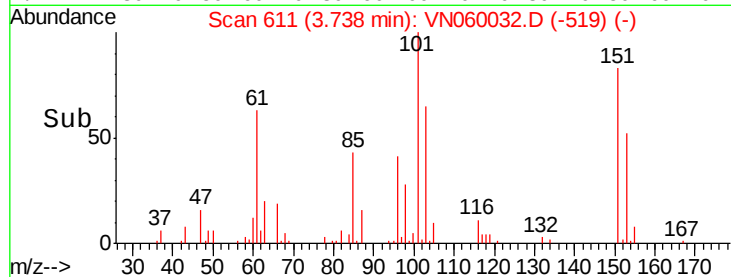
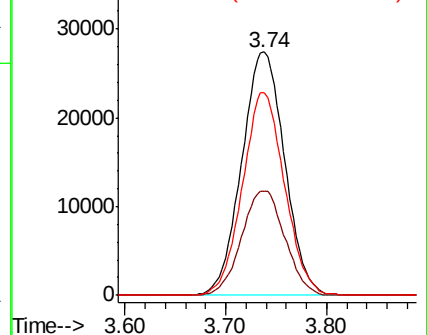
151 81.6 59.7 89.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.301 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060032.D

Acq: 7 Feb 2020 16:06

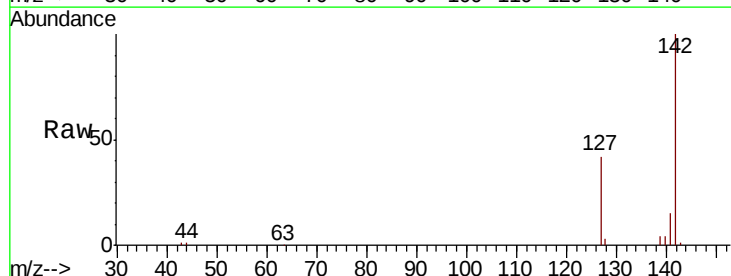
Tgt Ion:142 Resp: 104195

Ion Ratio Lower Upper

142 100

127 42.4 36.7 55.1

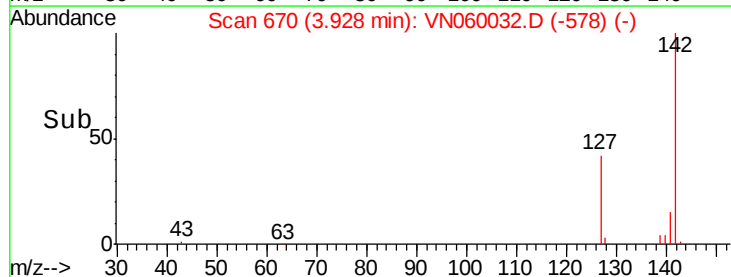
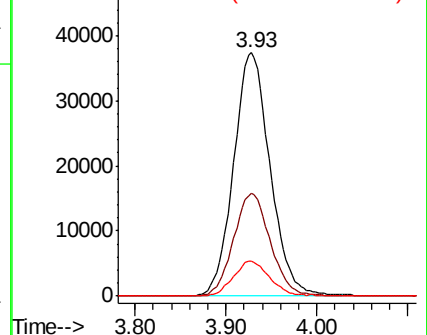
141 14.3 11.7 17.5

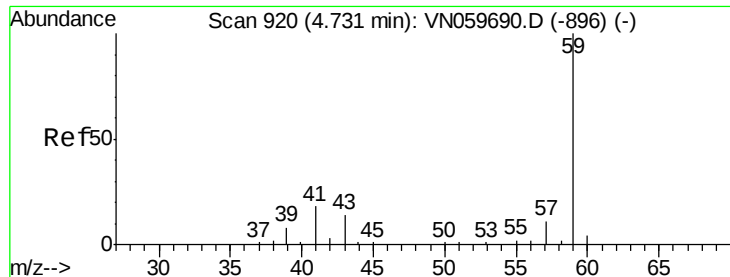


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



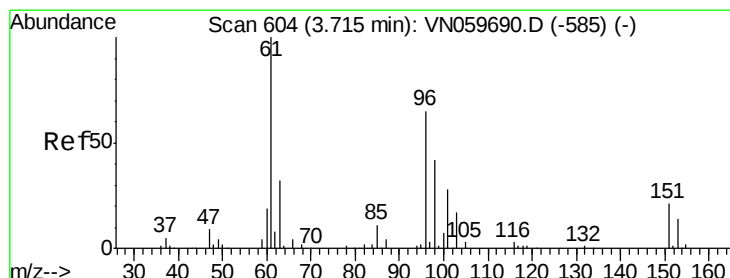
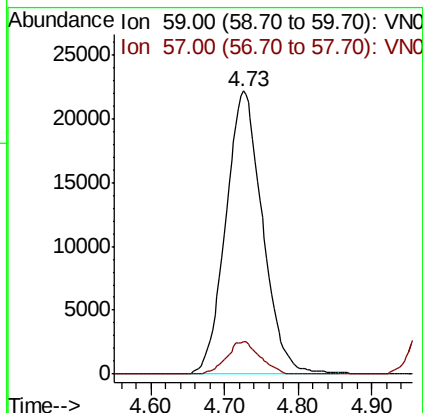
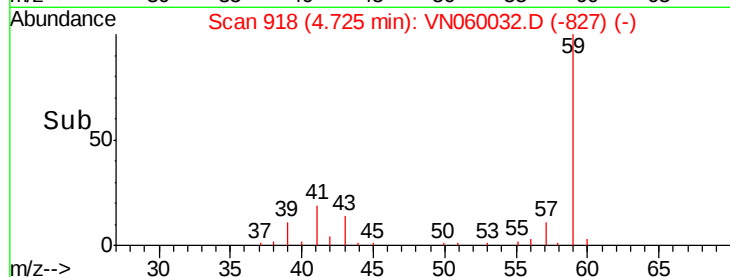
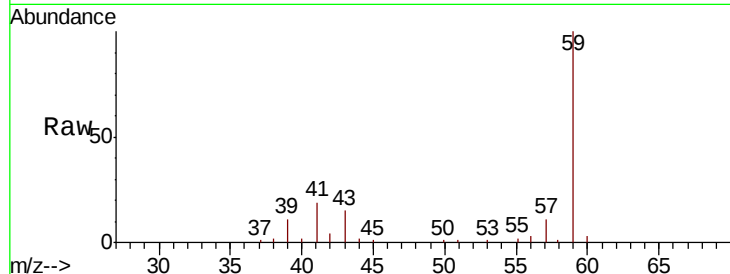


#11

Tert butyl alcohol
Concen: 224.821 ug/l
RT: 4.73 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

Instrument :
MSVOA_N
ClientSampled :

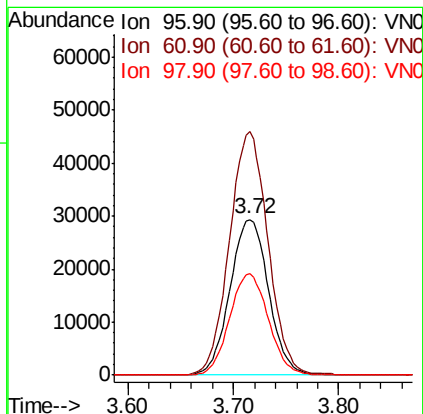
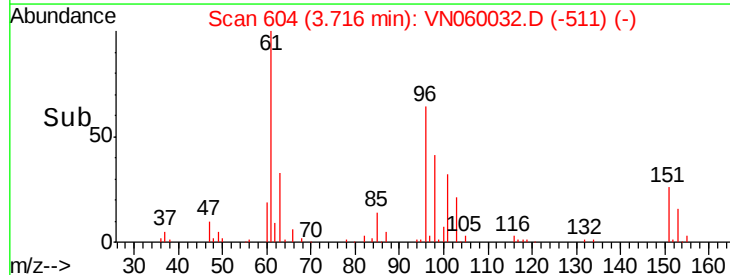
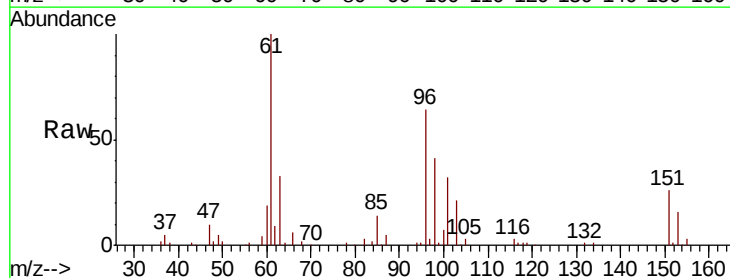
Tot Ion: 59 Resp: 76783
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8

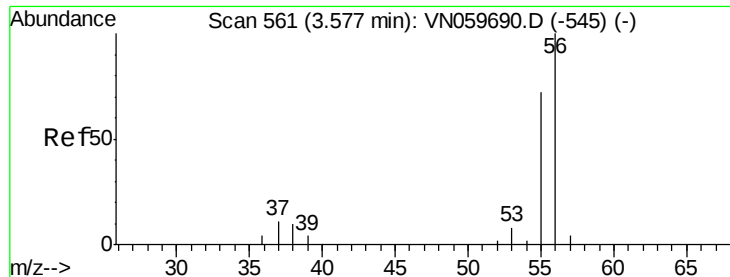


#12

1,1-Dichloroethene
Concen: 44.634 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

Tgt Ion: 96 Resp: 74599
Ion Ratio Lower Upper
96 100
61 156.1 137.5 206.3
98 65.0 50.2 75.4

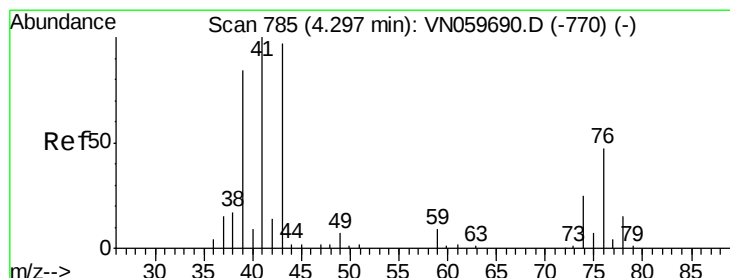
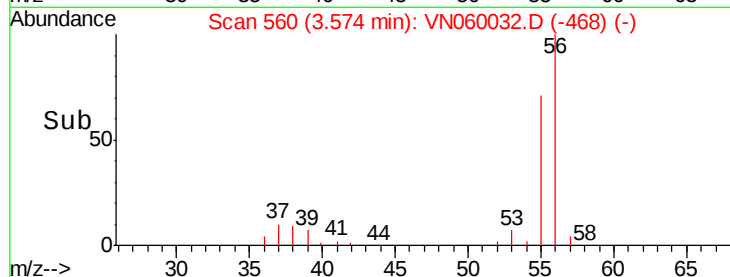
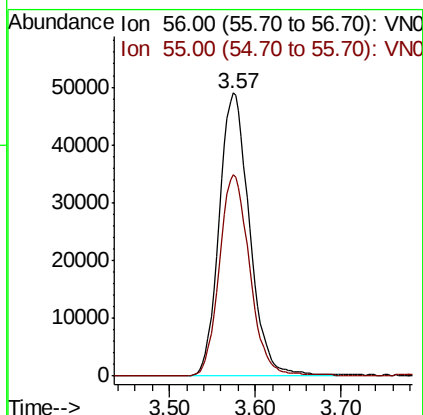
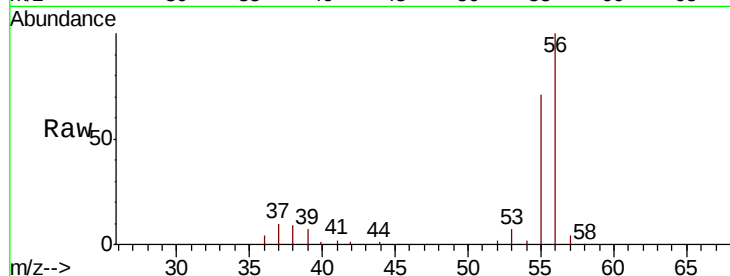




#13
Acrolein
Concen: 499.356 ug/l
RT: 3.57 min Scan# 560
Delta R.T. -0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

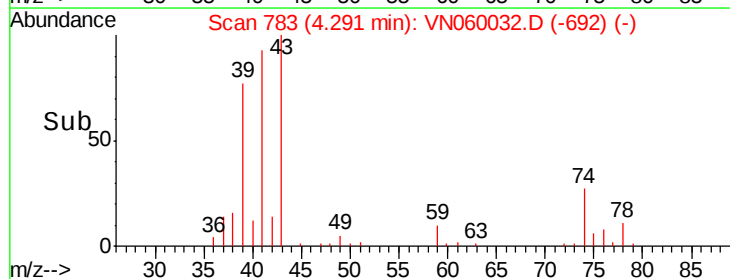
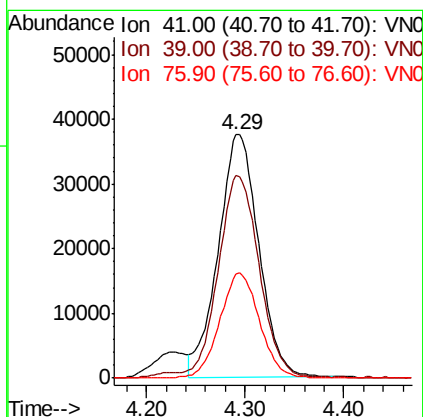
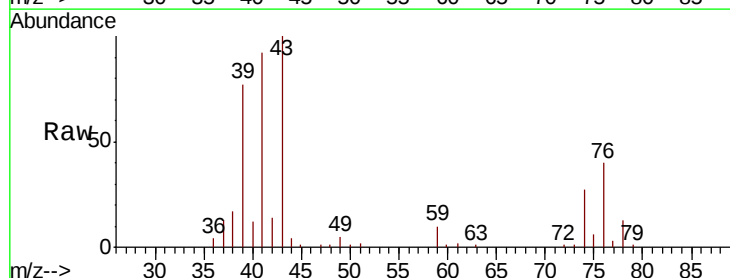
Instrument :
MSVOA_N
ClientSampled :

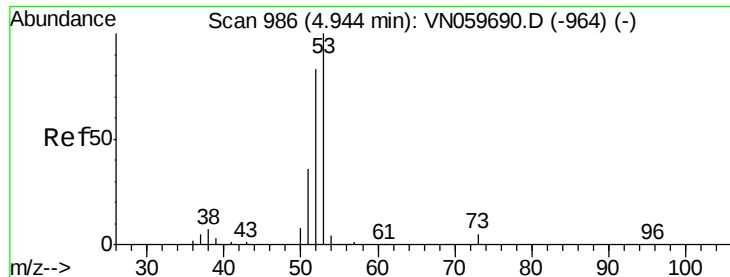
Tot Ion: 56 Resp: 120725
Ion Ratio Lower Upper
56 100
55 70.9 58.6 88.0



#14
Allyl chloride
Concen: 47.676 ug/l
RT: 4.29 min Scan# 783
Delta R.T. -0.01 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

Tgt Ion: 41 Resp: 107405
Ion Ratio Lower Upper
41 100
39 86.1 57.8 86.8
76 42.5 25.4 38.0#





#15

Acrylonitrile

Concen: 259.303 ug/l

RT: 4.94 min Scan# 985

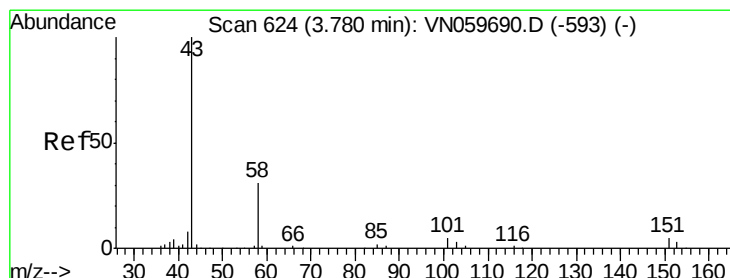
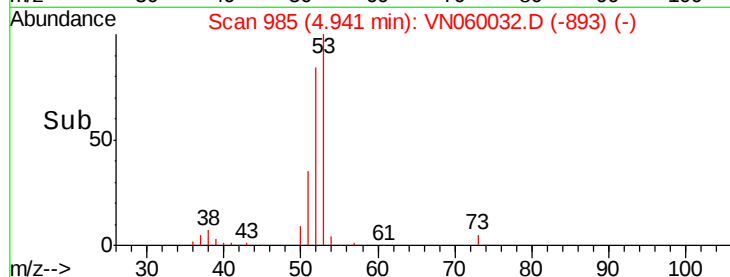
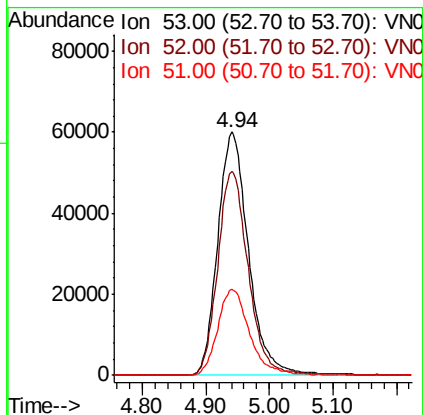
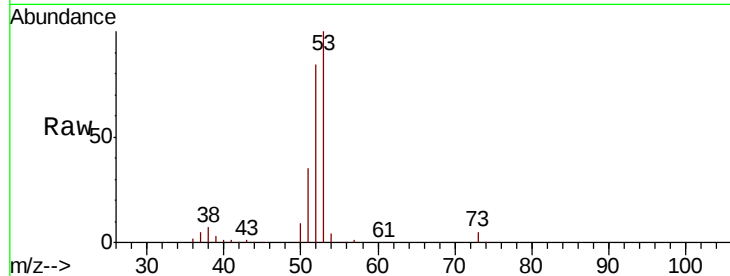
Delta R.T. -0.00 min

Lab File: VN060032.D

Acq: 7 Feb 2020 16:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	53	Resp:	202012
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.3	99.5
51	36.7	29.7	44.5



#16

Acetone

Concen: 250.599 ug/l

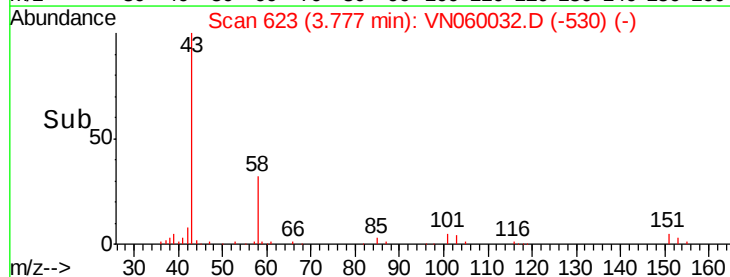
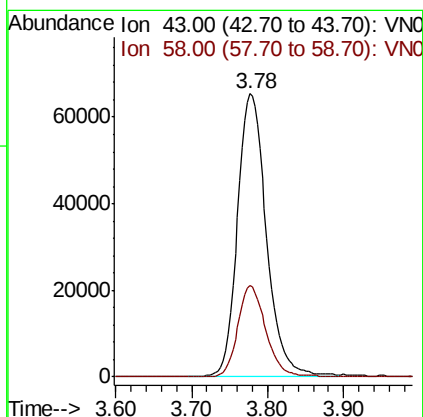
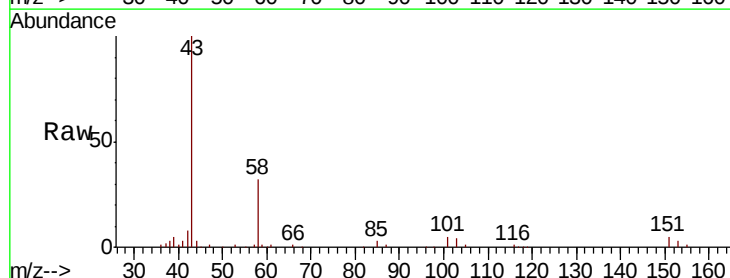
RT: 3.78 min Scan# 623

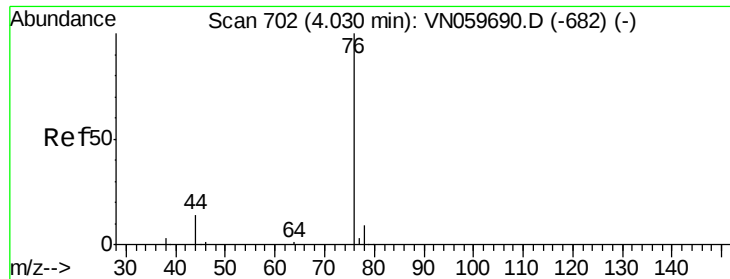
Delta R.T. -0.00 min

Lab File: VN060032.D

Acq: 7 Feb 2020 16:06

Tgt Ion:	43	Resp:	173385
Ion	Ratio	Lower	Upper
43	100		
58	32.2	23.6	35.4

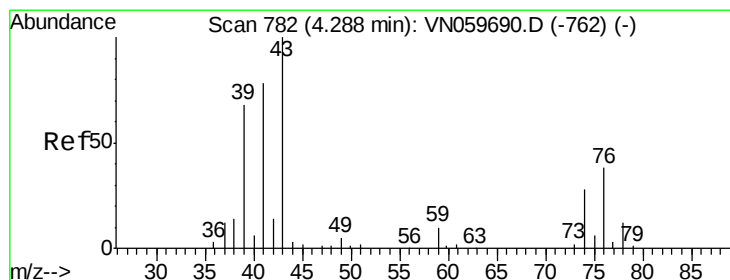
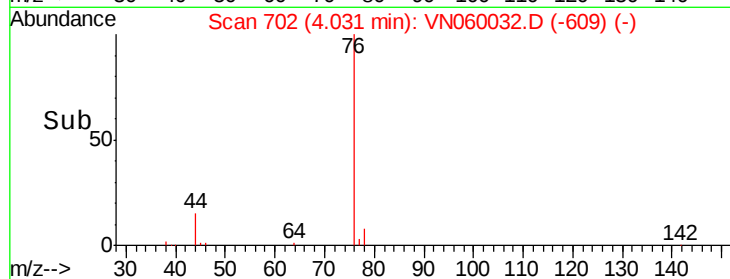
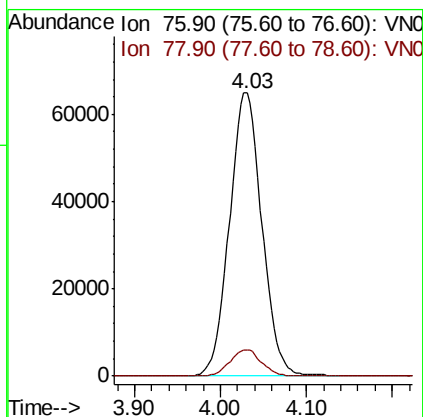
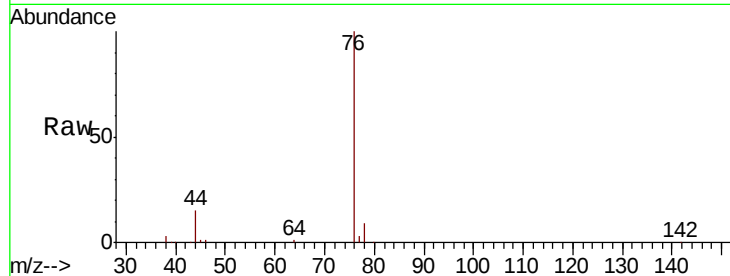




#17
Carbon Disulfide
Concen: 35.693 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

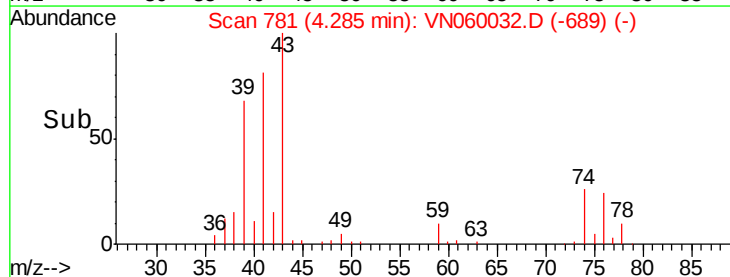
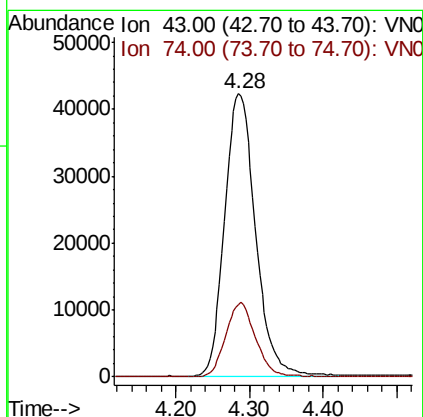
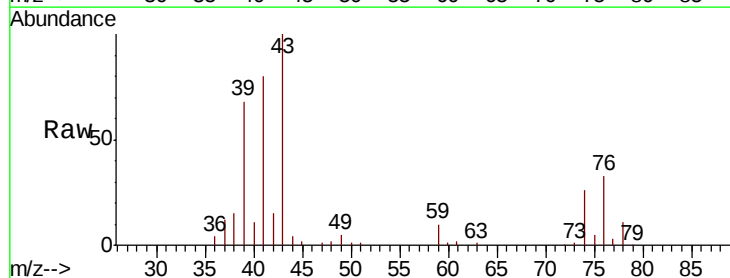
Instrument :
MSVOA_N
ClientSampled :

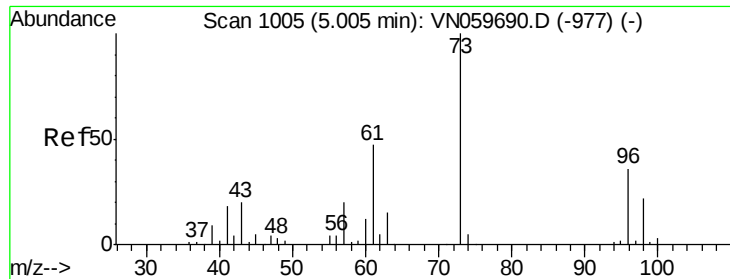
Tot Ion: 76 Resp: 169940
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 52.475 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

Tgt Ion: 43 Resp: 124352
Ion Ratio Lower Upper
43 100
74 25.1 17.5 26.3

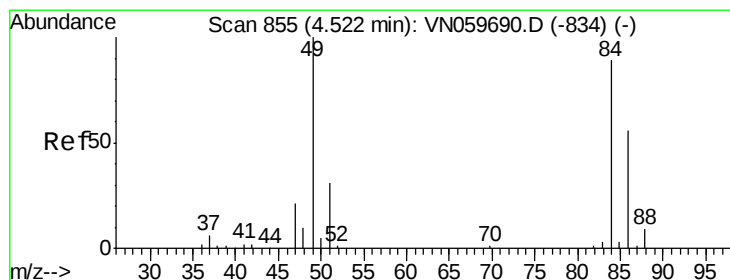
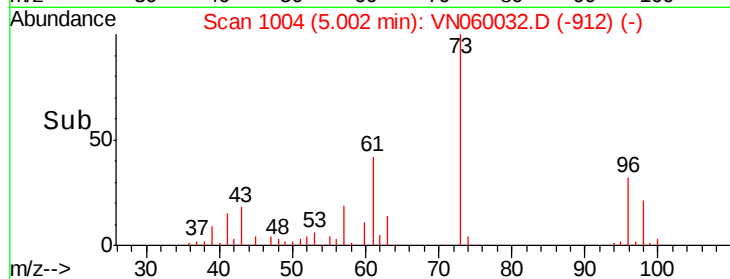
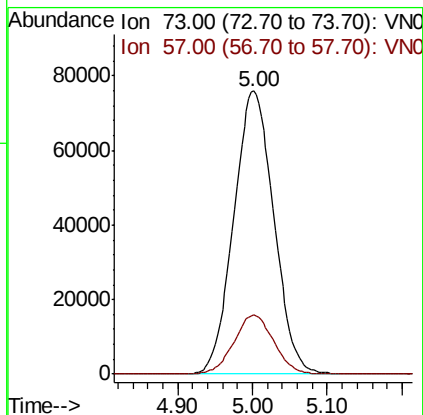
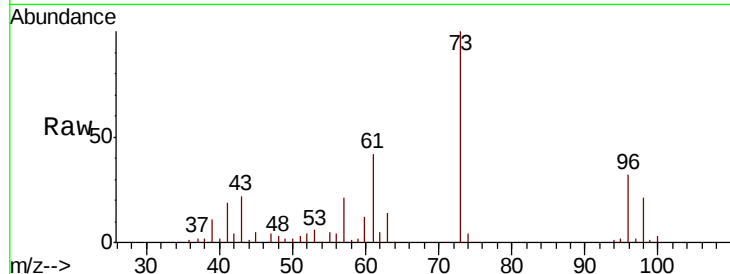




#19
Methvl tert-butvl Ether
Concen: 51.914 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

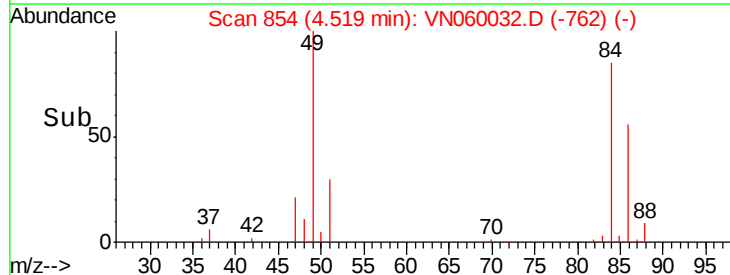
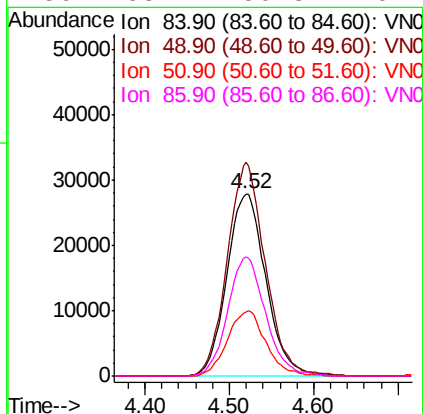
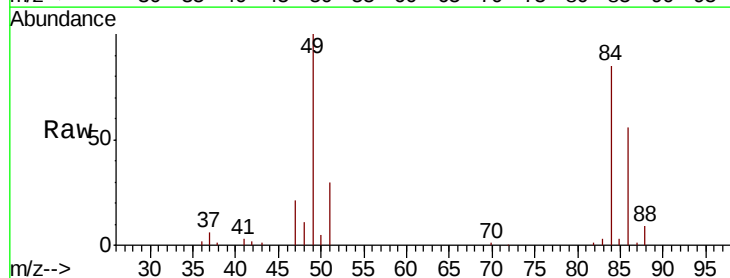
Instrument :
MSVOA_N
ClientSampleId :

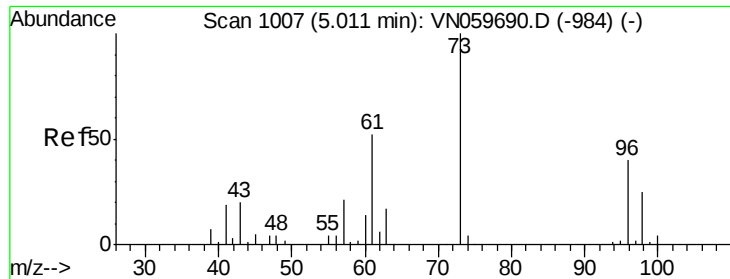
Tot Ion: 73 Resp: 282901
Ion Ratio Lower Upper
73 100
57 21.0 18.6 27.8



#20
Methylene Chloride
Concen: 48.809 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

Tgt Ion: 84 Resp: 89644
Ion Ratio Lower Upper
84 100
49 117.1 106.6 160.0
51 35.1 31.9 47.9
86 65.1 50.8 76.2

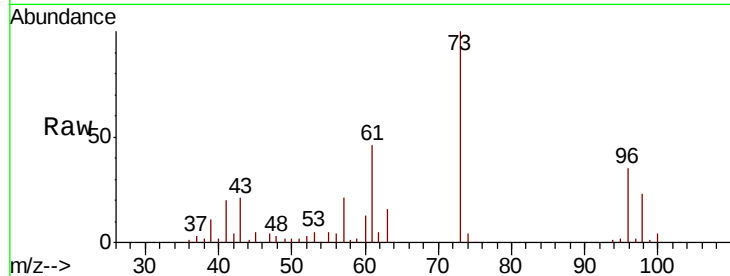




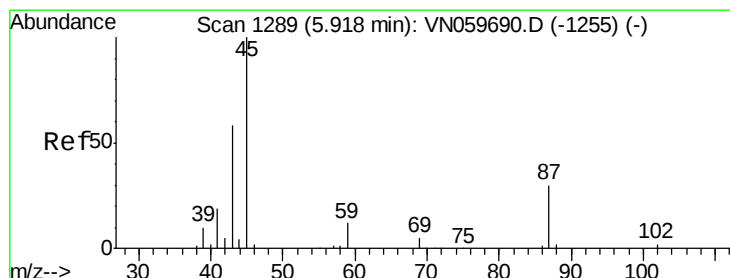
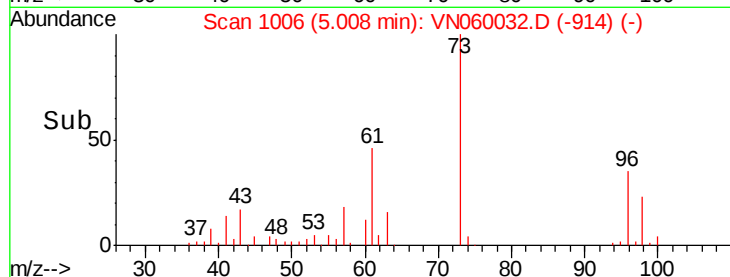
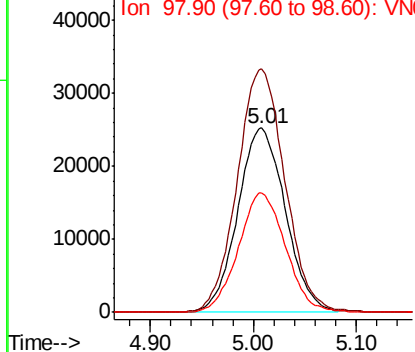
#21
trans-1,2-Dichloroethene
Concen: 45.616 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 81043
Ion Ratio Lower Upper
96 100
61 131.5 120.4 180.6
98 65.1 50.6 75.8

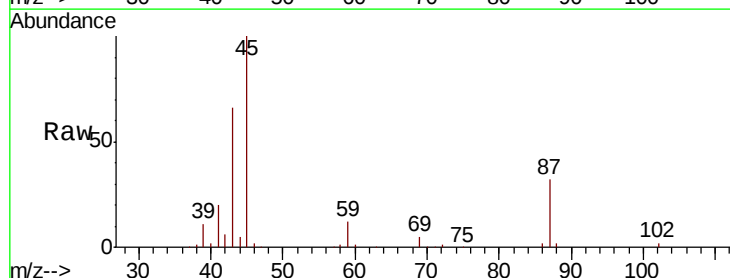


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

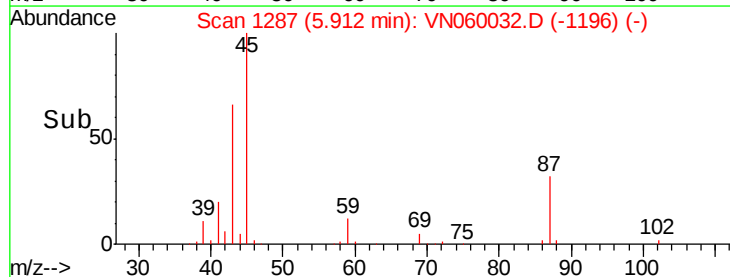
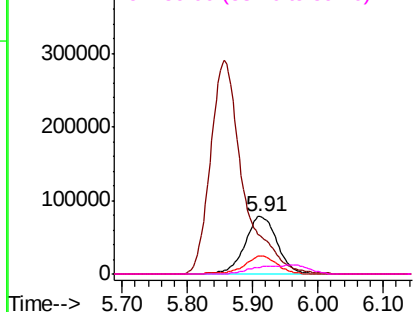


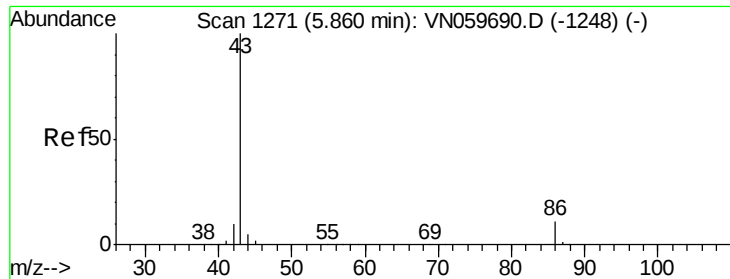
#22
Diisopropyl ether
Concen: 52.673 ug/l
RT: 5.91 min Scan# 1287
Delta R.T. -0.01 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

Tgt Ion: 45 Resp: 268910
Ion Ratio Lower Upper
45 100
43 64.9 50.8 76.2
87 31.9 21.0 31.6#
59 11.9 9.1 13.7



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

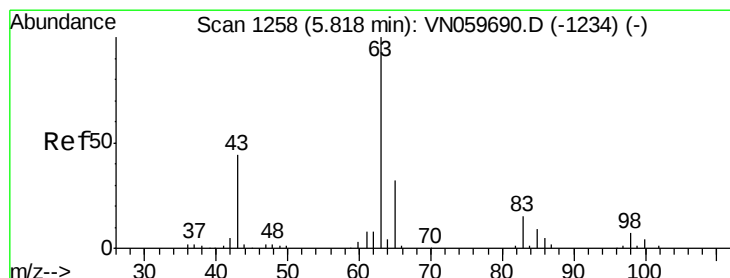
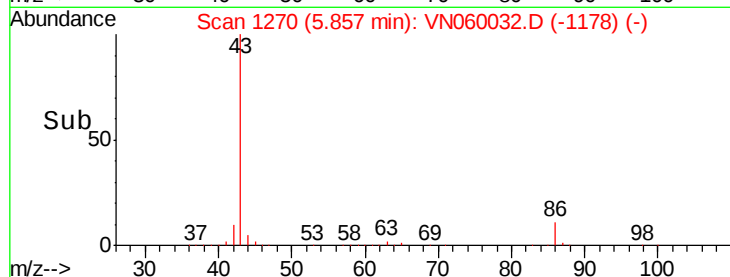
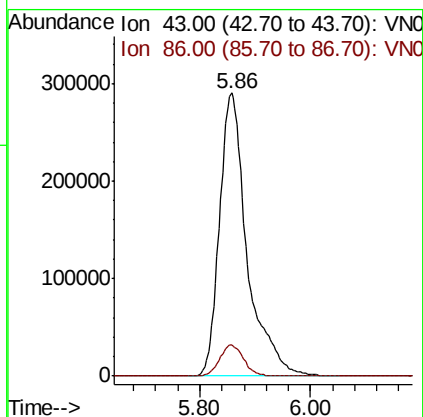
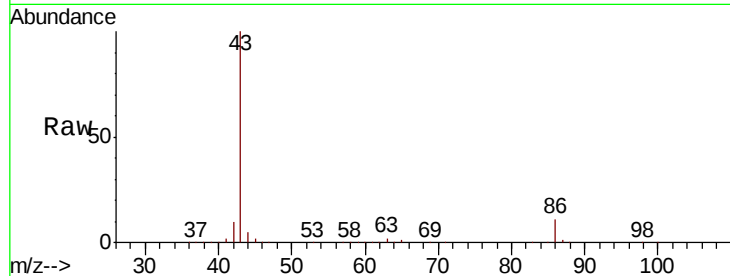




#23
 Vinyl Acetate
 Concen: 254.832 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN060032.D
 Acq: 7 Feb 2020 16:06

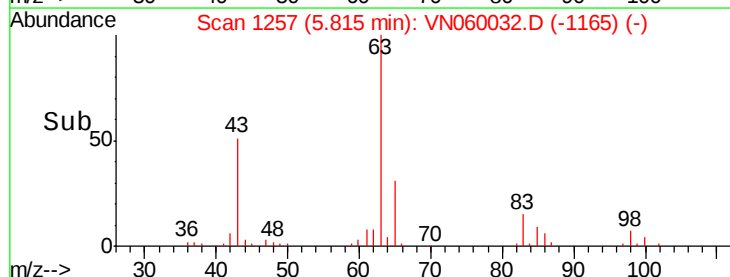
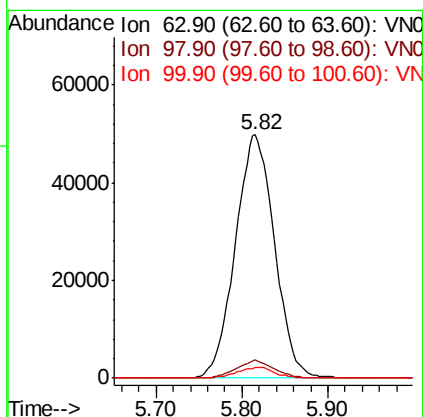
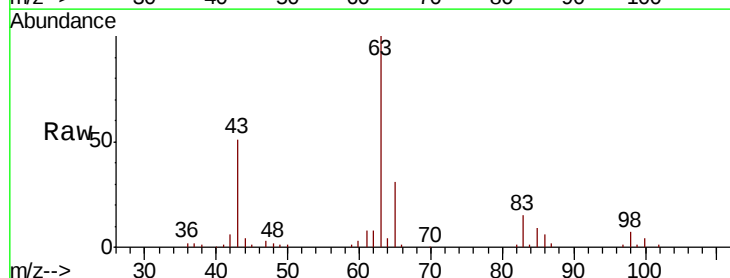
Instrument :
 MSVOA_N
 ClientSampleId :

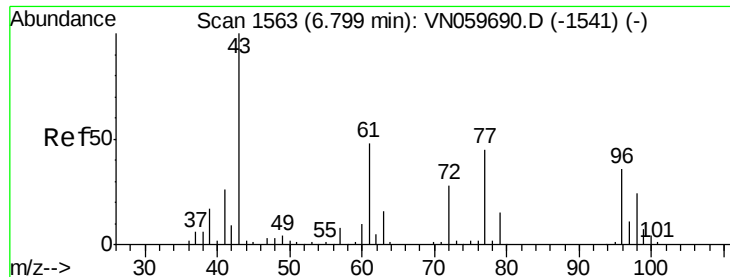
Tot Ion: 43 Resp: 1007280
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 50.589 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN060032.D
 Acq: 7 Feb 2020 16:06

Tgt Ion: 63 Resp: 157809
 Ion Ratio Lower Upper
 63 100
 98 7.4 2.9 8.7
 100 4.3 2.0 6.0





#25

2-Butanone

Concen: 231.663 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060032.D

Acq: 7 Feb 2020 16:06

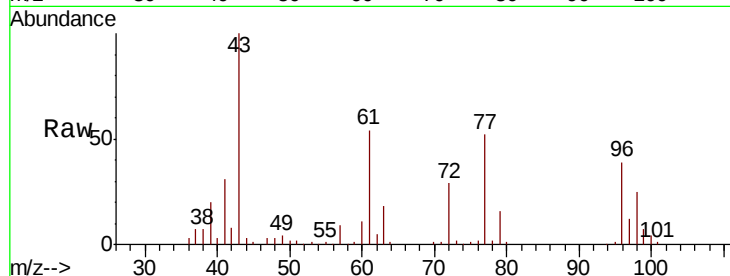
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 266150

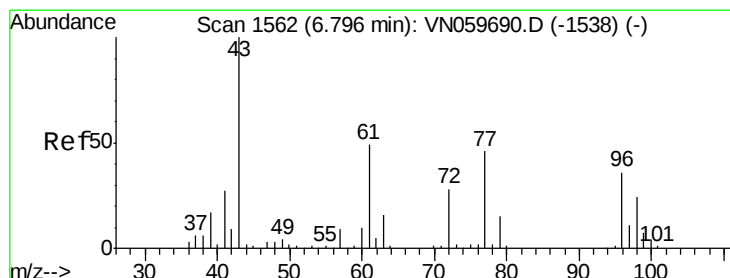
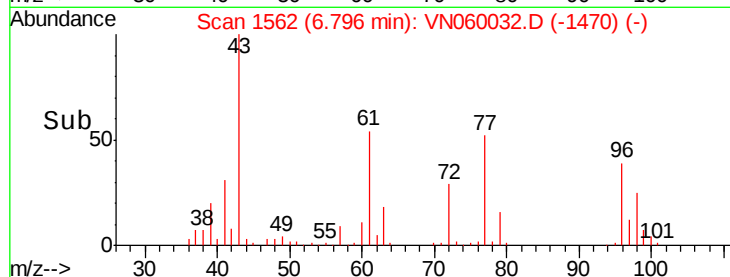
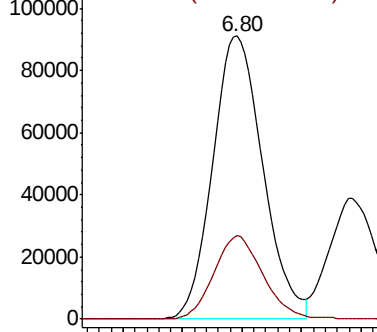
Ion Ratio Lower Upper

43 100

72 29.4 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 51.290 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. -0.01 min

Lab File: VN060032.D

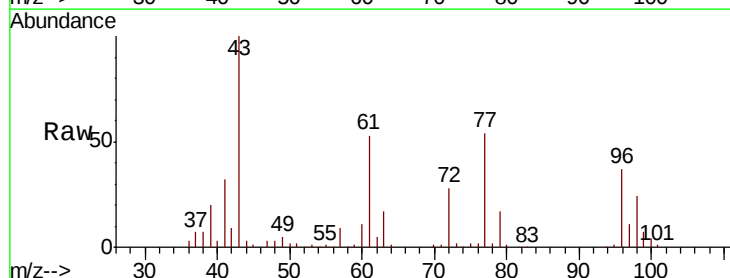
Acq: 7 Feb 2020 16:06

Tgt Ion: 77 Resp: 153818

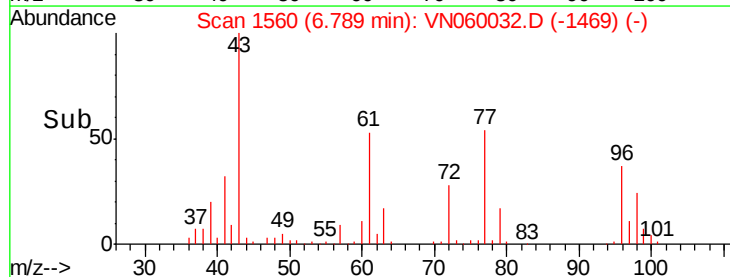
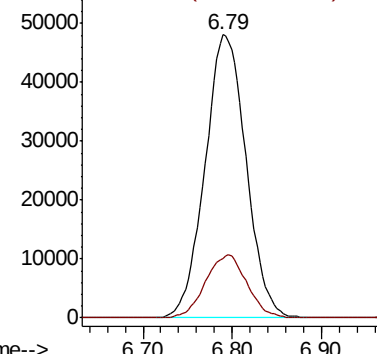
Ion Ratio Lower Upper

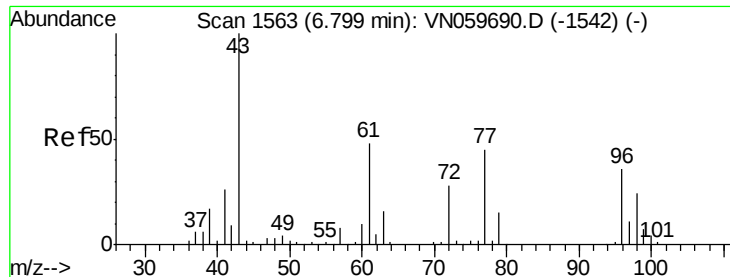
77 100

97 22.4 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN0
Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 50.339 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060032.D

Acq: 7 Feb 2020 16:06

Instrument :

MSVOA_N

ClientSampled :

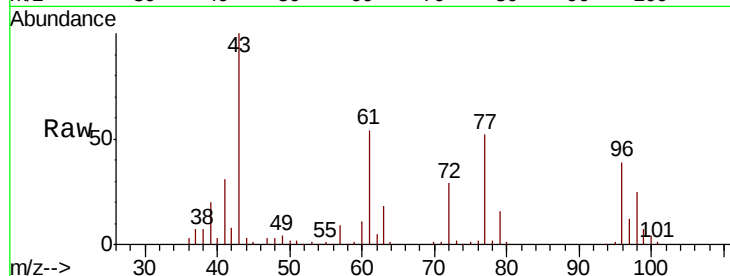
Tot Ion: 96 Resp: 102866

Ion Ratio Lower Upper

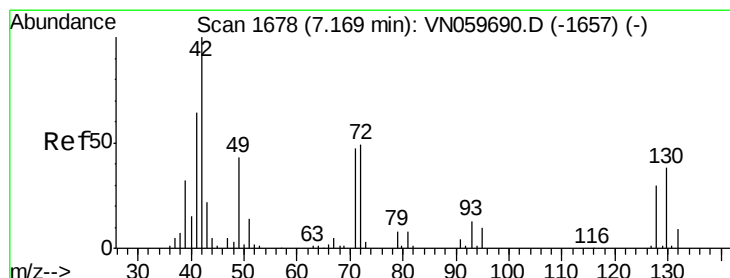
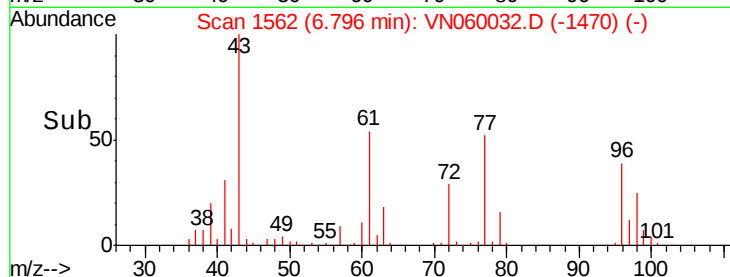
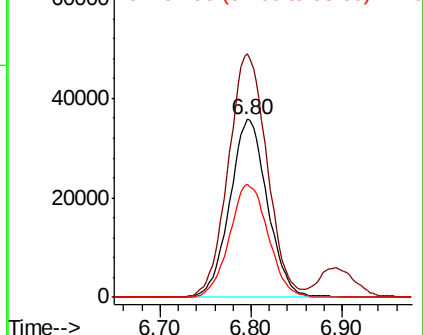
96 100

61 140.5 0.0 317.6

98 65.4 0.0 127.0



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



#28

Bromochloromethane

Concen: 48.064 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060032.D

Acq: 7 Feb 2020 16:06

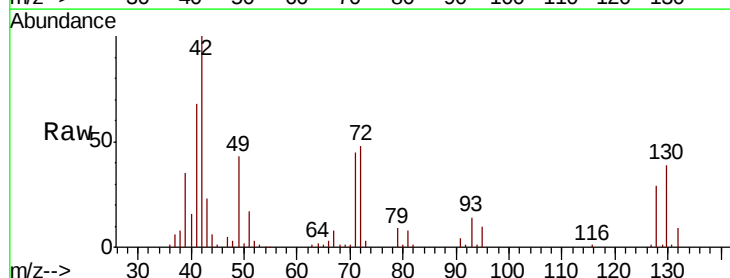
Tgt Ion: 49 Resp: 59926

Ion Ratio Lower Upper

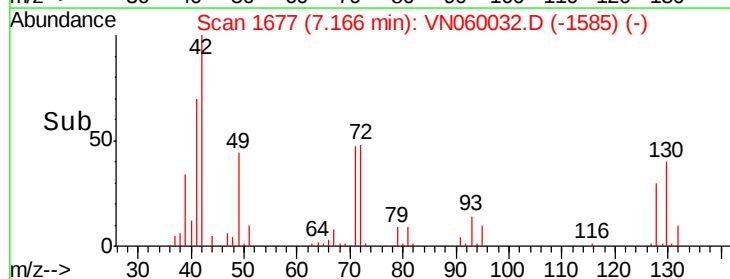
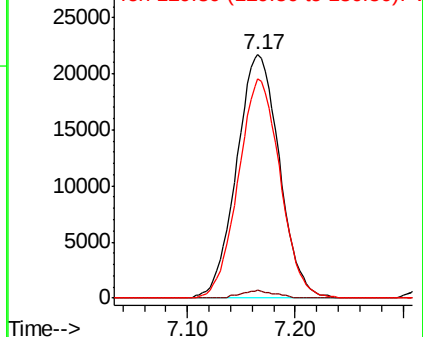
49 100

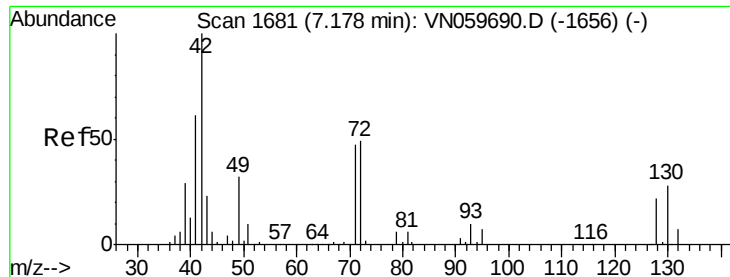
129 2.5 0.0 3.4

130 87.9 54.7 82.1#



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

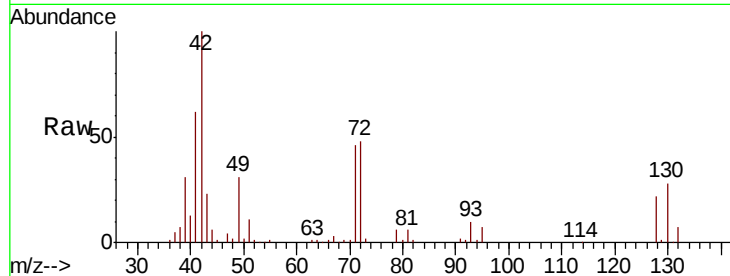




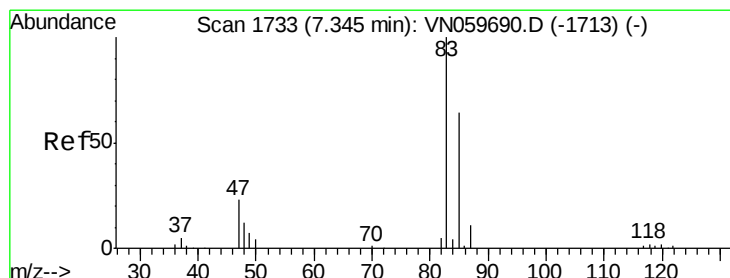
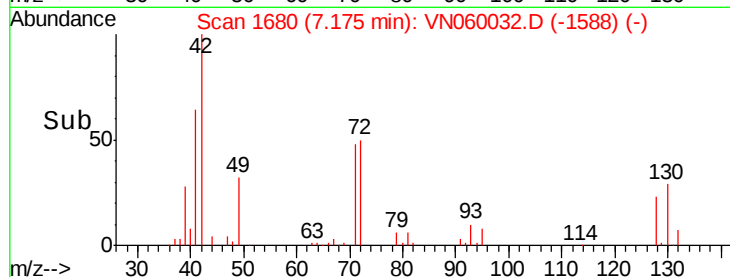
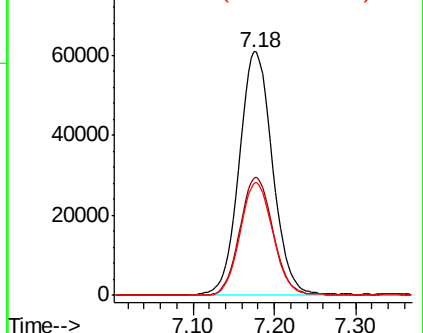
#29
Tetrahydrofuran
Concen: 242.700 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 172518
Ion Ratio Lower Upper
42 100
72 48.0 33.1 49.7
71 45.5 31.4 47.0

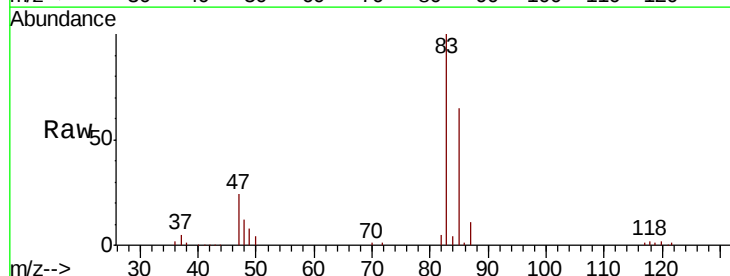


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

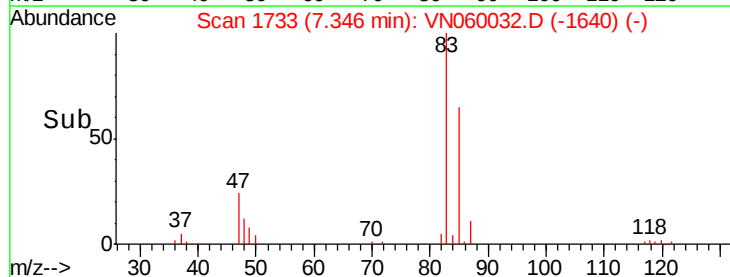
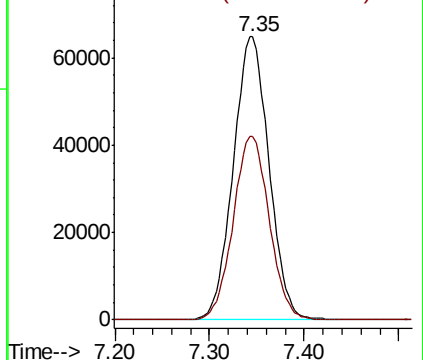


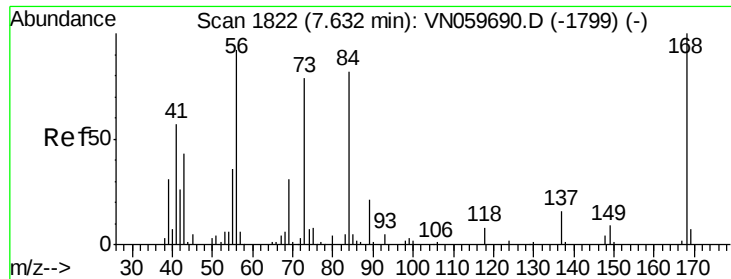
#30
Chloroform
Concen: 52.658 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

Tgt Ion: 83 Resp: 170196
Ion Ratio Lower Upper
83 100
85 64.8 52.4 78.6



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

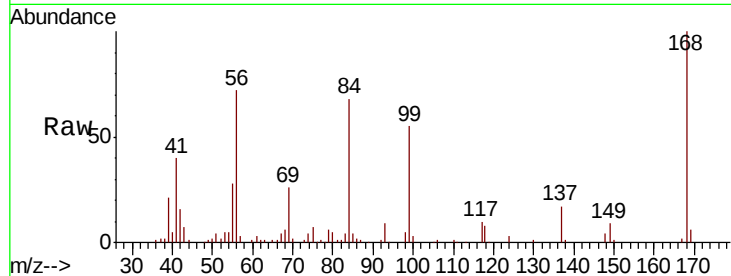




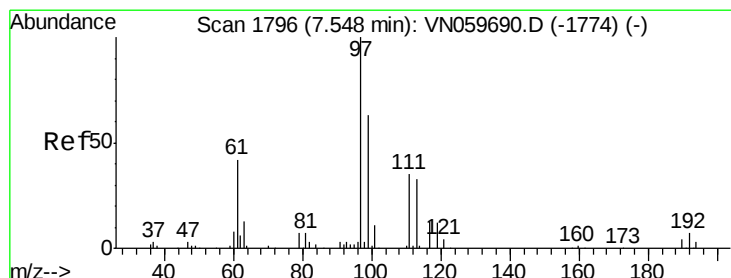
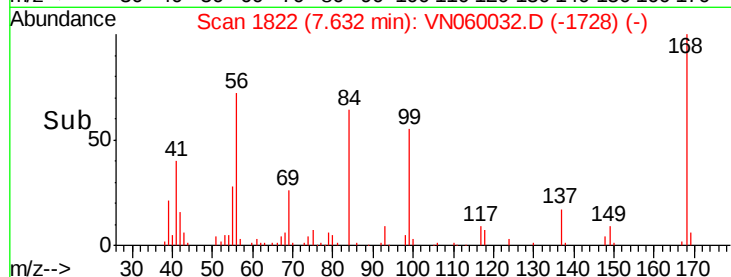
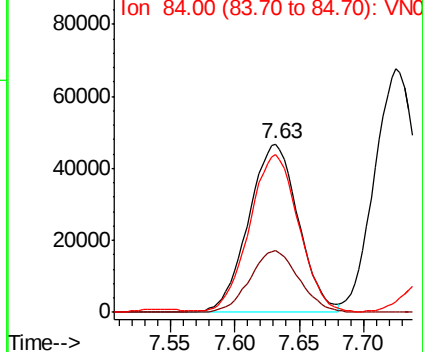
#31
Cyclohexane
Concen: 41.951 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 125924
Ion Ratio Lower Upper
56 100
69 36.4 26.5 39.7
84 92.7 65.3 97.9

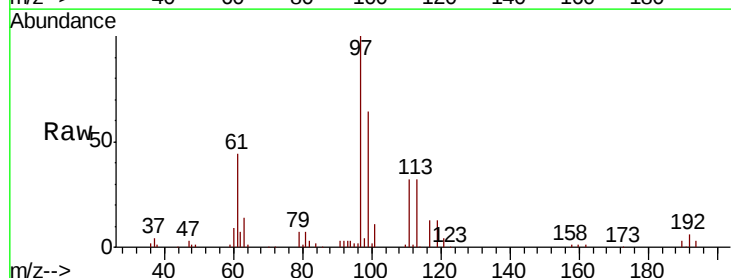


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

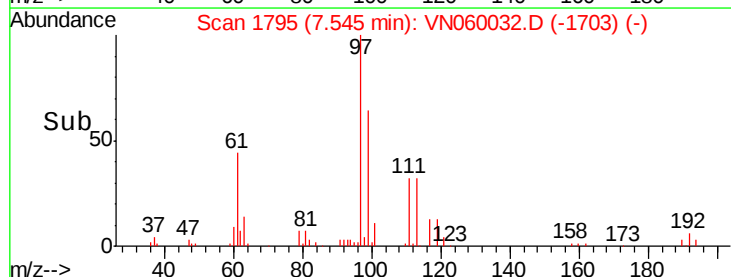
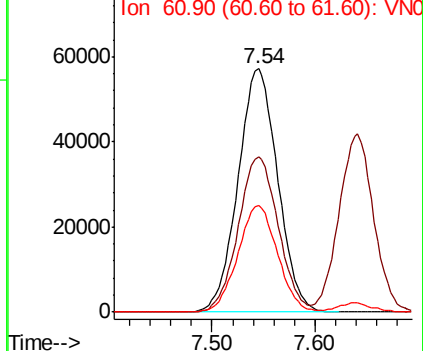


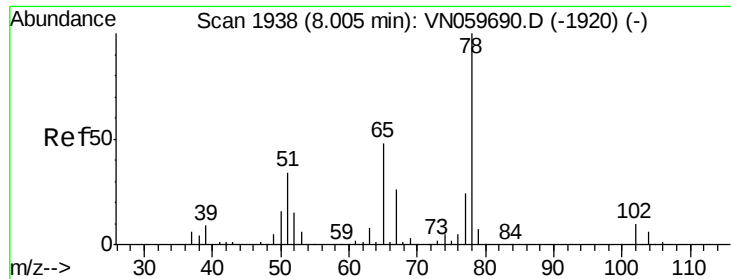
#32
1,1,1-Trichloroethane
Concen: 51.105 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

Tgt Ion: 97 Resp: 152724
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.4
61 43.9 38.5 57.7



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

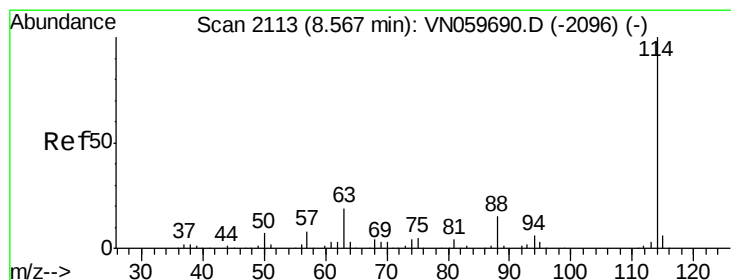
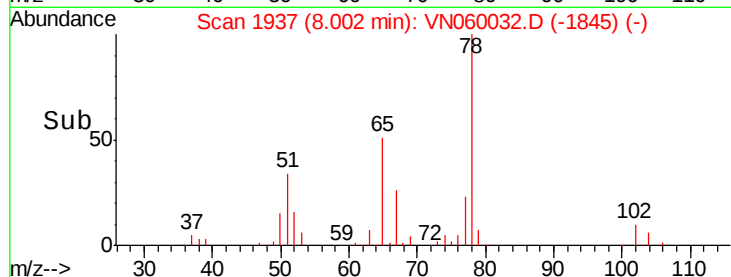
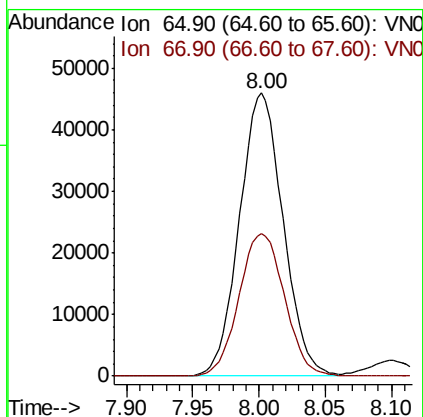
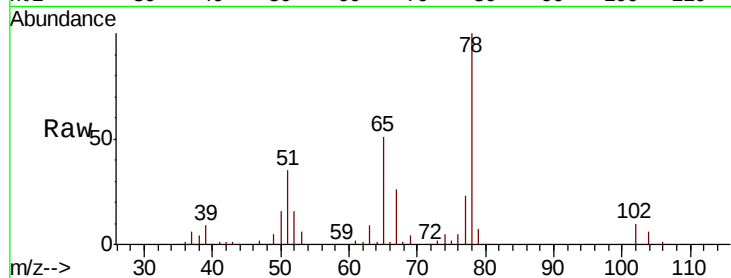




#33
 1,2-Dichloroethane-d4
 Concen: 51.834 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060032.D
 Acq: 7 Feb 2020 16:06

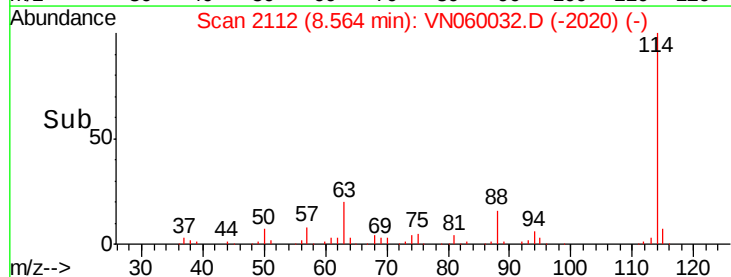
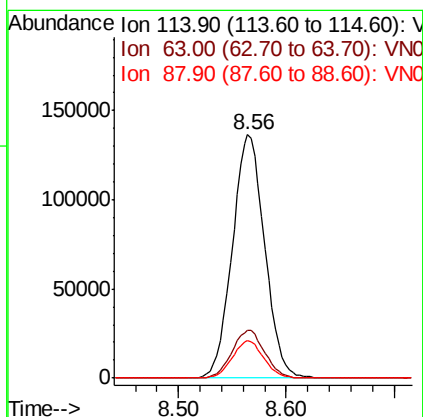
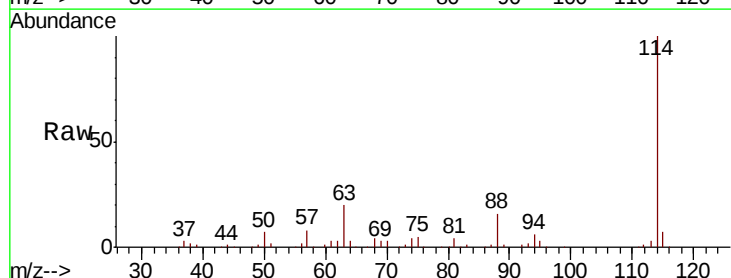
Instrument :
 MSVOA_N
 ClientSampleId :

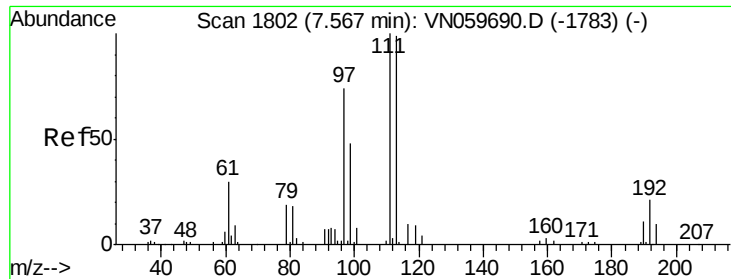
Tot Ion: 65 Resp: 105158
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060032.D
 Acq: 7 Feb 2020 16:06

Tgt Ion: 114 Resp: 284495
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 43.6
 88 15.6 0.0 31.4

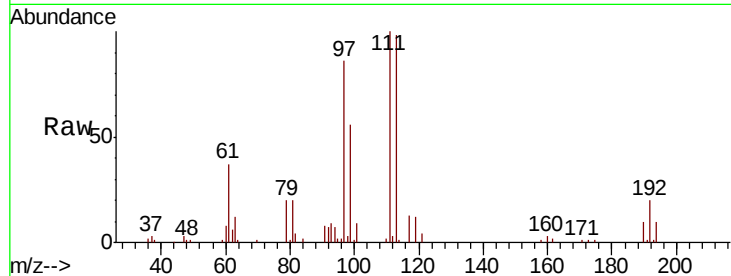




#35
 Dibromofluoromethane
 Concen: 51.937 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060032.D
 Acq: 7 Feb 2020 16:06

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.5	125.3
192	20.8	15.4	23.2

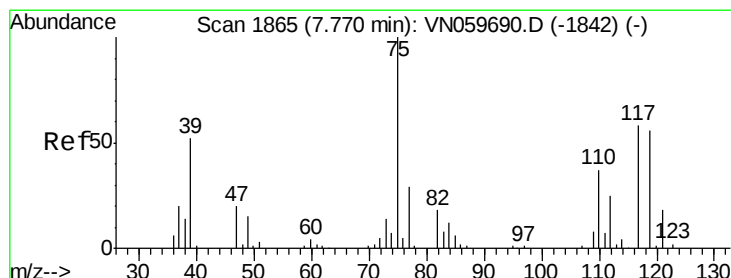
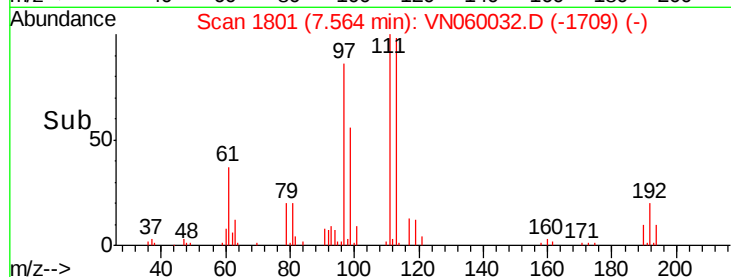
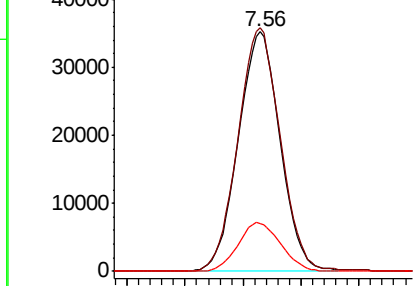


Abundance

Ion 112.80 (112.50 to 113.50): V

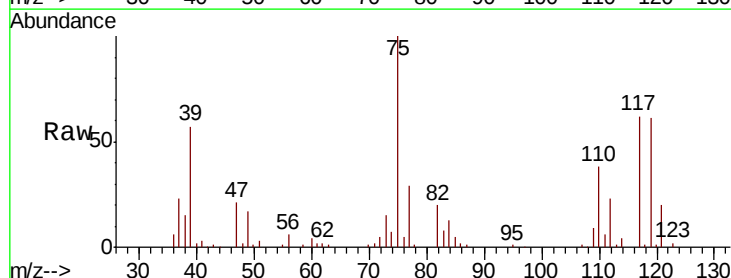
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 47.860 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN060032.D
 Acq: 7 Feb 2020 16:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	16.6	49.7
77	30.7	25.1	37.7

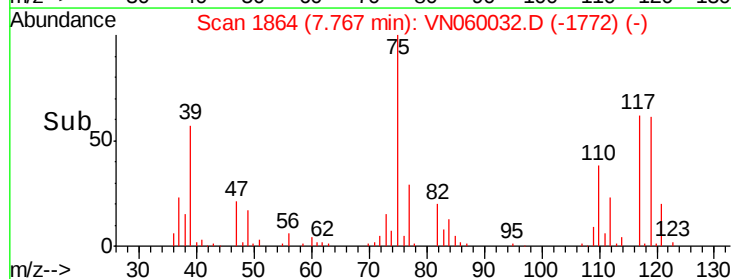
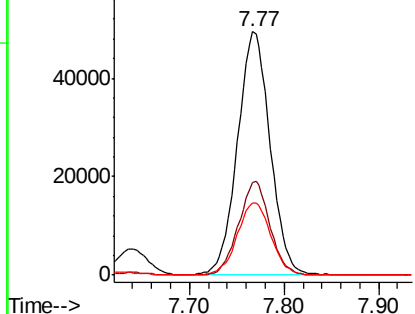


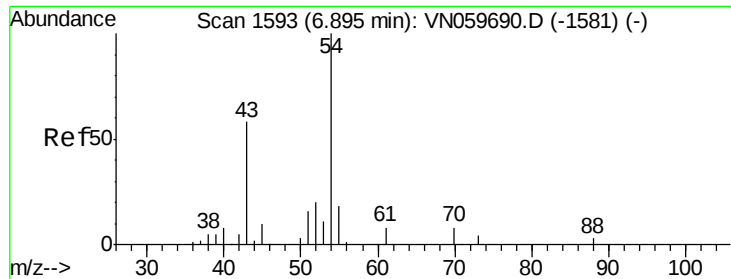
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

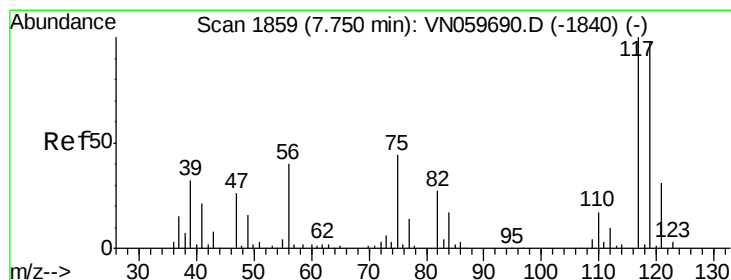
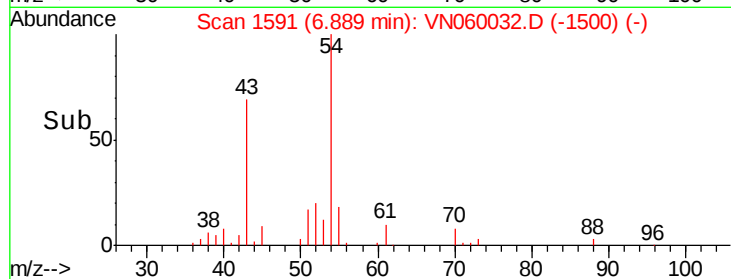
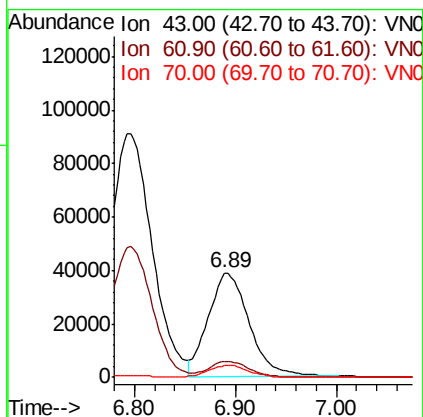
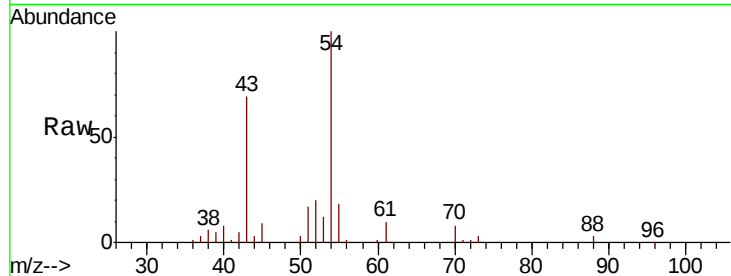




#37
Ethyl Acetate
Concen: 47.226 ug/l
RT: 6.89 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

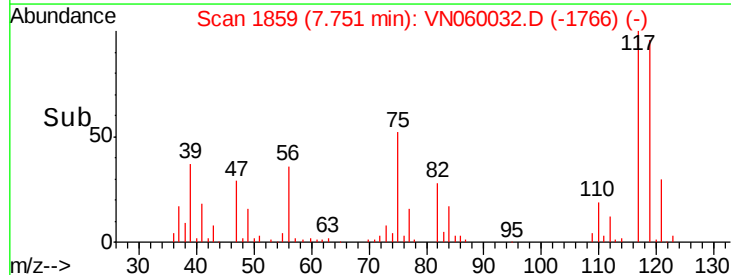
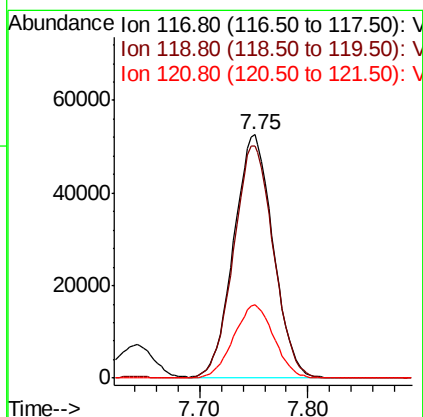
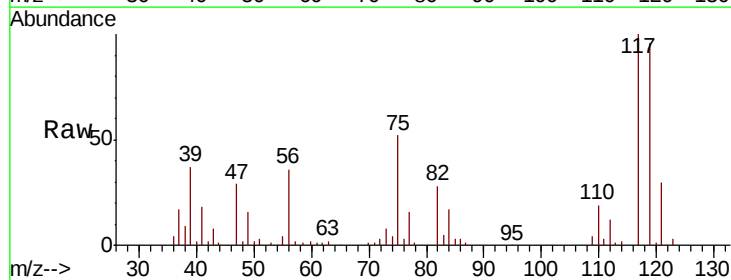
Instrument :
MSVOA_N
ClientSampled :

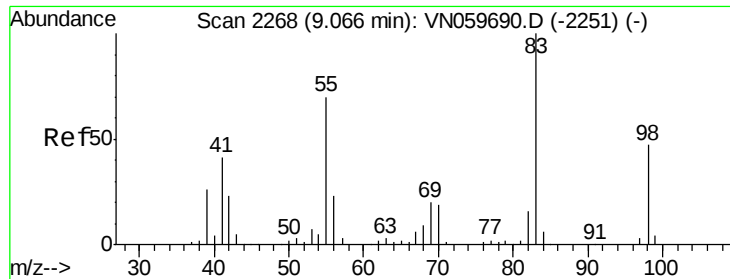
Tot Ion: 43 Resp: 109738
Ion Ratio Lower Upper
43 100
61 15.6 10.9 16.3
70 11.3 7.7 11.5



#38
Carbon Tetrachloride
Concen: 49.487 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

Tgt Ion: 117 Resp: 133368
Ion Ratio Lower Upper
117 100
119 95.6 76.5 114.7
121 29.9 25.1 37.7

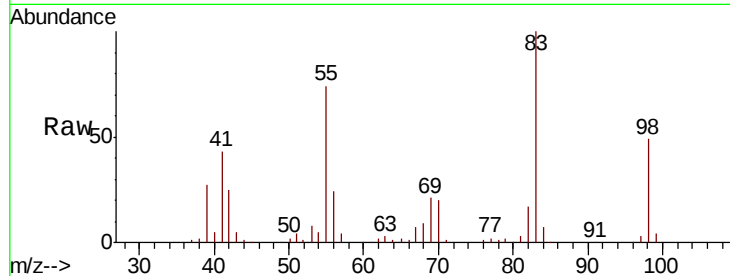




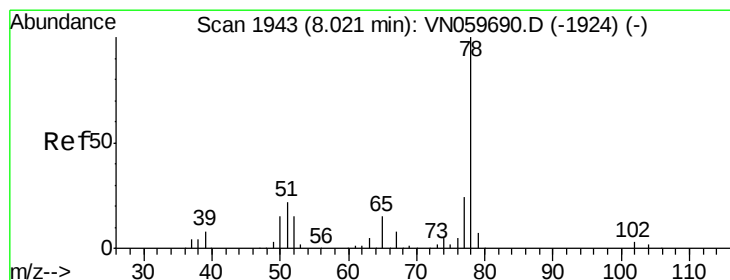
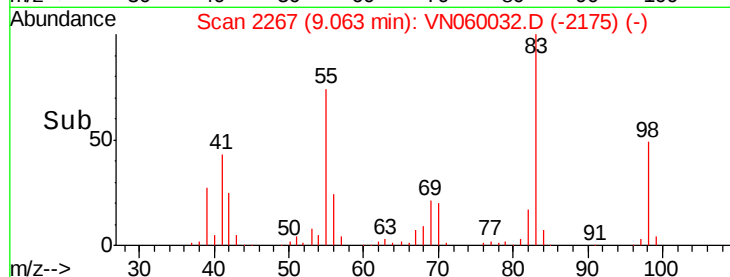
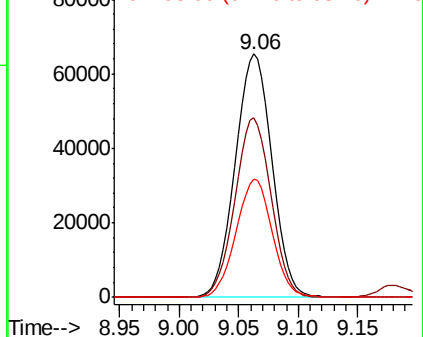
#39
Methvlcvclohexane
Concen: 45.898 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 140209
Ion Ratio Lower Upper
83 100
55 73.5 64.2 96.2
98 48.6 35.9 53.9

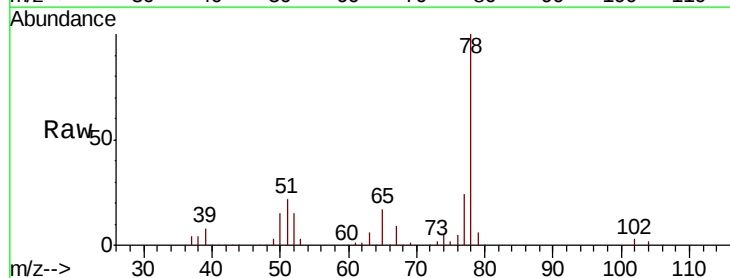


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

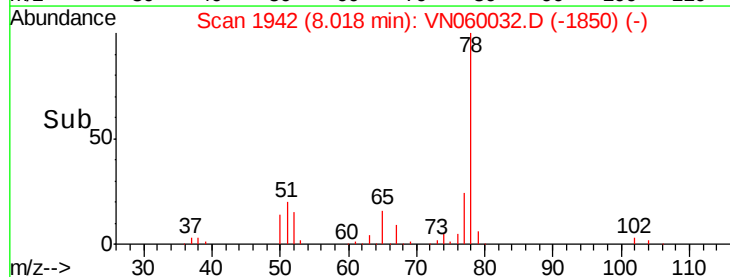
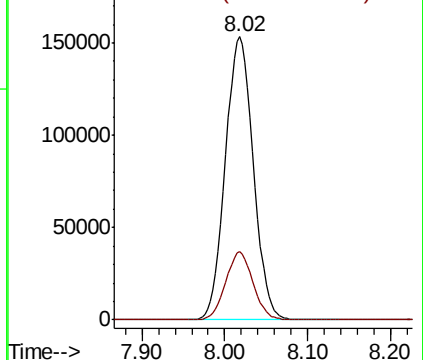


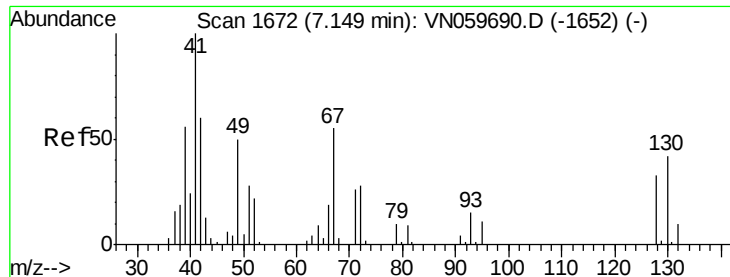
#40
Benzene
Concen: 48.711 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

Tgt Ion: 78 Resp: 359912
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3



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

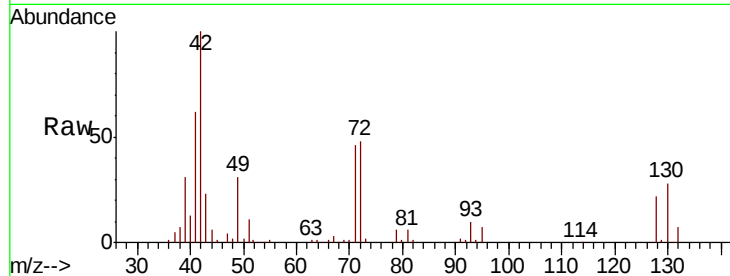




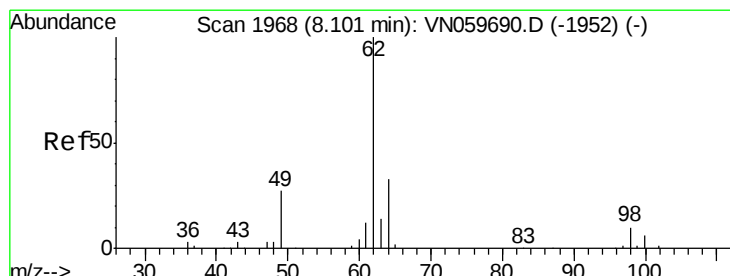
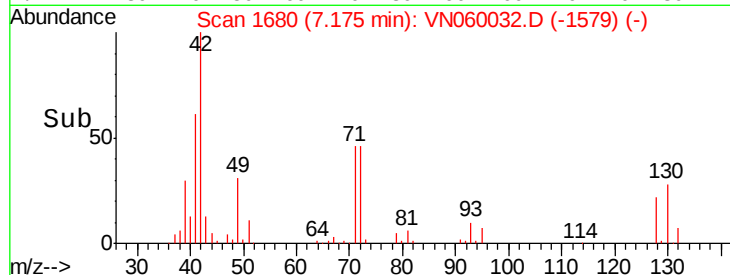
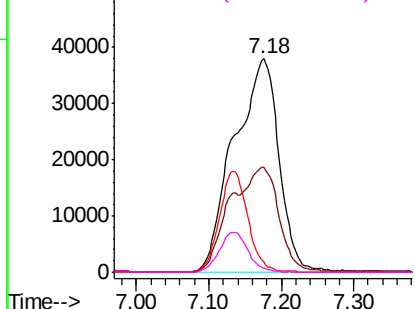
#41
Methacrylonitrile
Concen: 142.859 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	163508
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

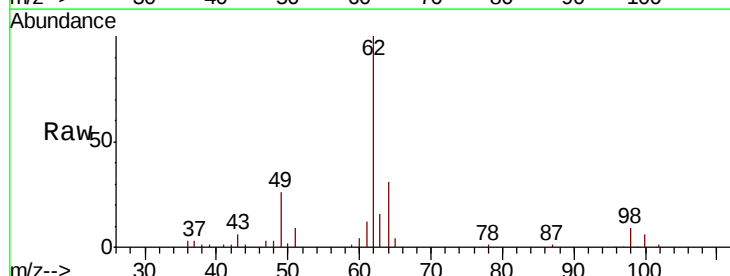


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

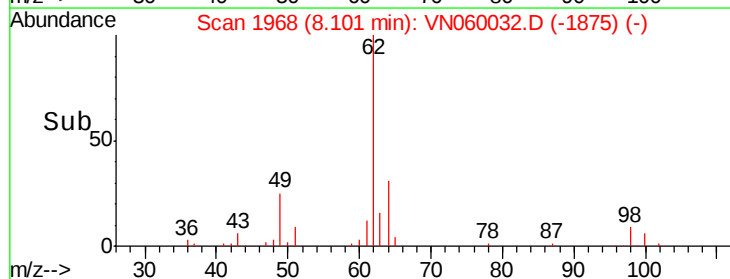
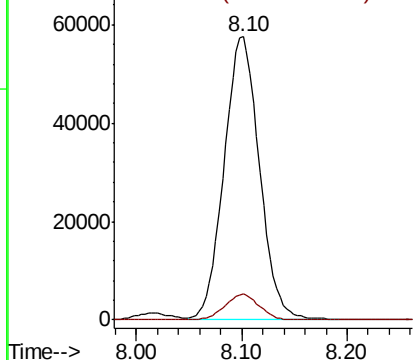


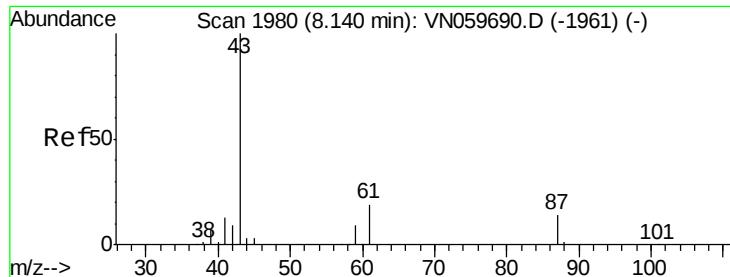
#42
1,2-Dichloroethane
Concen: 53.478 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

Tgt Ion:	62	Resp:	133972
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	15.8



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





#43

Isopropyl Acetate

Concen: 49.958 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060032.D

Acq: 7 Feb 2020 16:06

Instrument :
MSVOA_N
ClientSampleId :

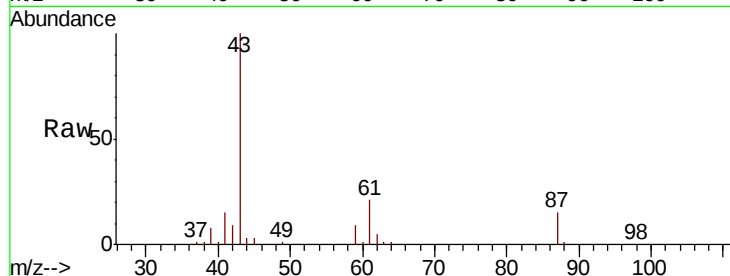
Tot Ion: 43 Resp: 199670

Ion Ratio Lower Upper

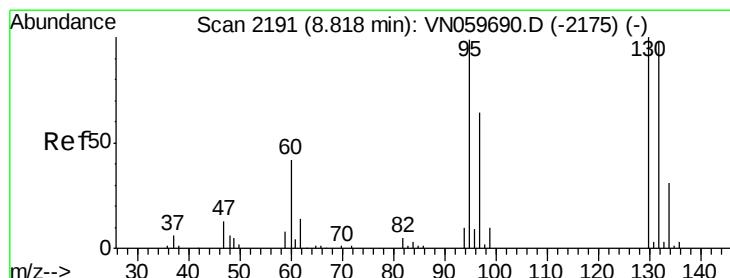
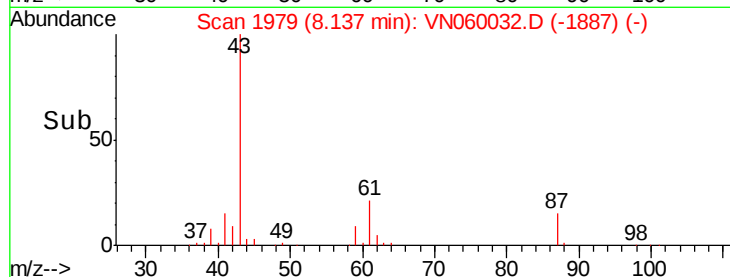
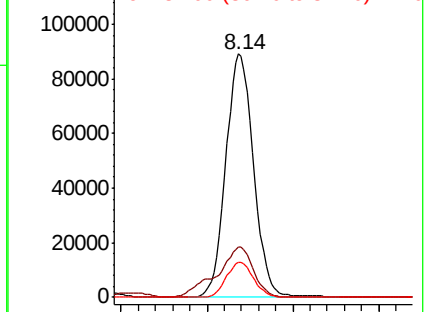
43 100

61 27.2 20.2 30.2

87 14.1 9.5 14.3



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



#44

Trichloroethene

Concen: 49.285 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN060032.D

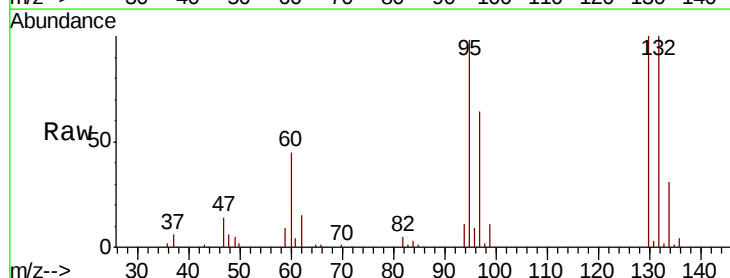
Acq: 7 Feb 2020 16:06

Tgt Ion:130 Resp: 99411

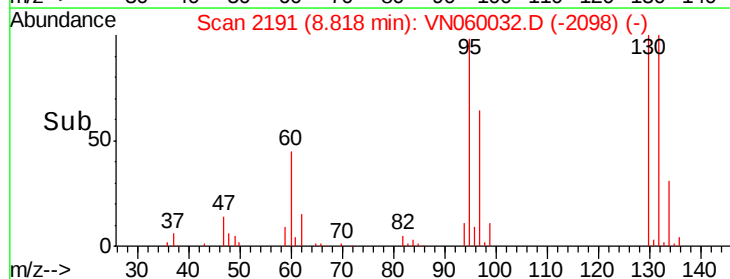
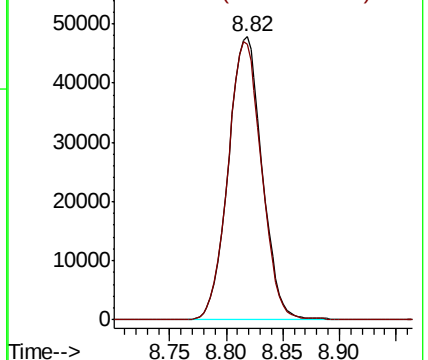
Ion Ratio Lower Upper

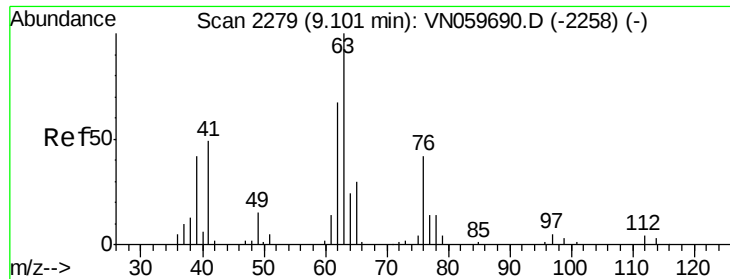
130 100

95 97.6 0.0 207.0



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

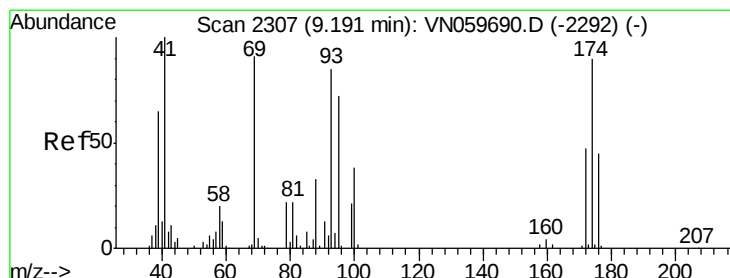
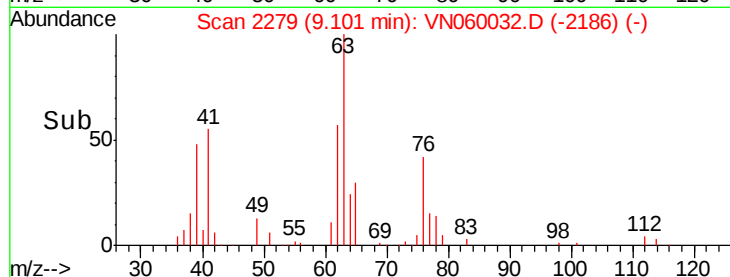
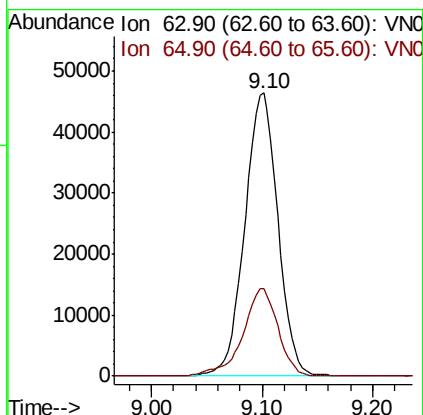
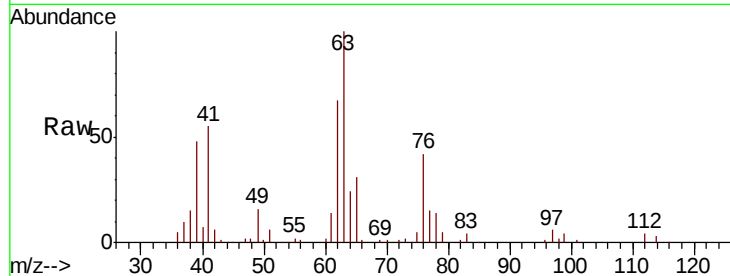




#45
 1,2-Dichloropropane
 Concen: 52.713 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN060032.D
 Acq: 7 Feb 2020 16:06

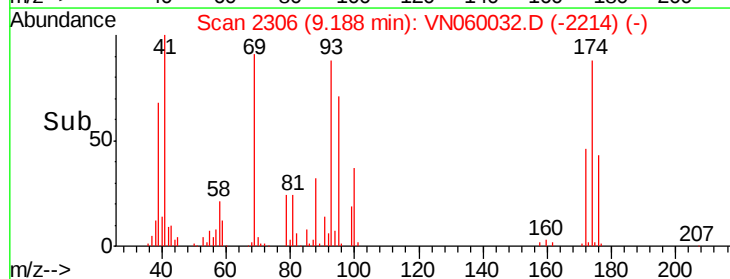
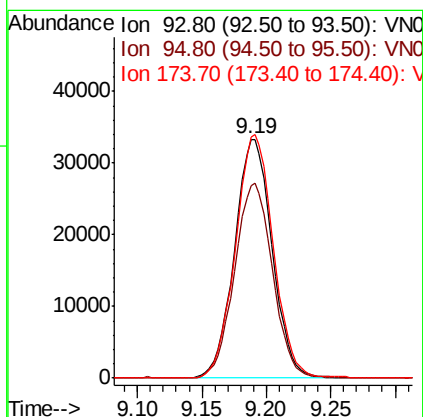
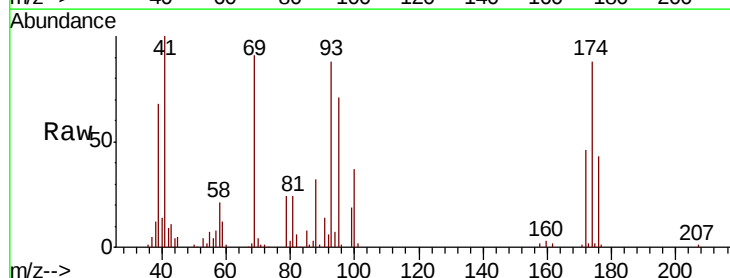
Instrument :
 MSVOA_N
 ClientSampled :

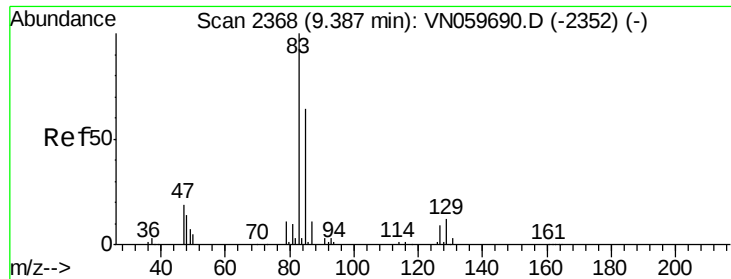
Tot Ion: 63 Resp: 96378
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.9 37.3



#46
 Dibromomethane
 Concen: 52.412 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN060032.D
 Acq: 7 Feb 2020 16:06

Tgt Ion: 93 Resp: 67598
 Ion Ratio Lower Upper
 93 100
 95 82.3 67.0 100.6
 174 102.6 73.4 110.2

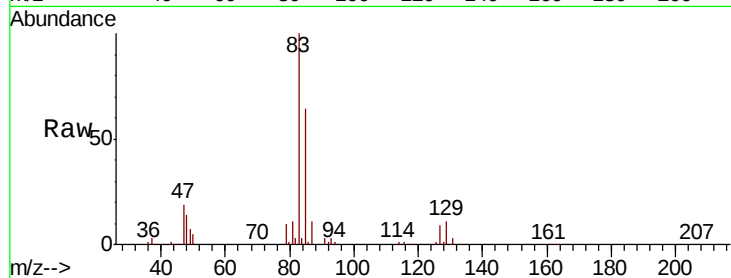




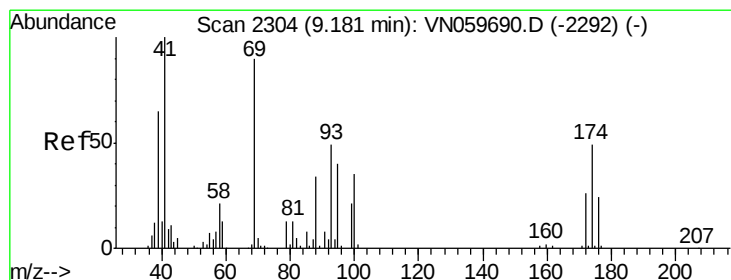
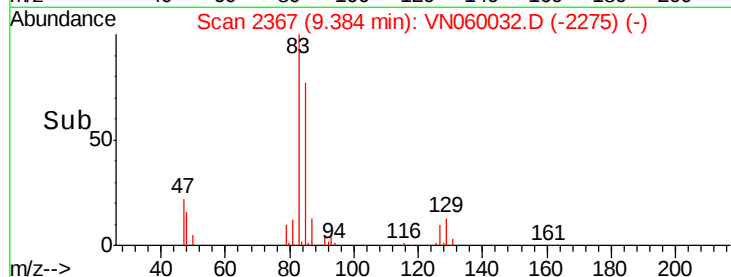
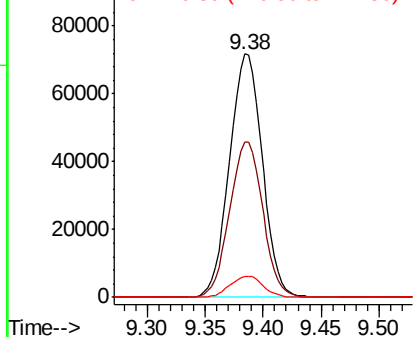
#47
Bromodichloromethane
Concen: 54.243 ug/l
RT: 9.38 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 140978
Ion Ratio Lower Upper
83 100
85 63.8 51.1 76.7
127 8.5 6.6 9.8

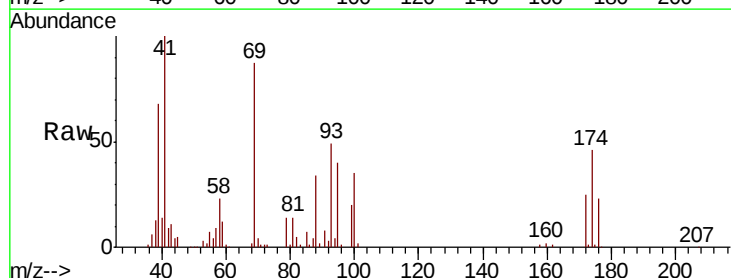


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

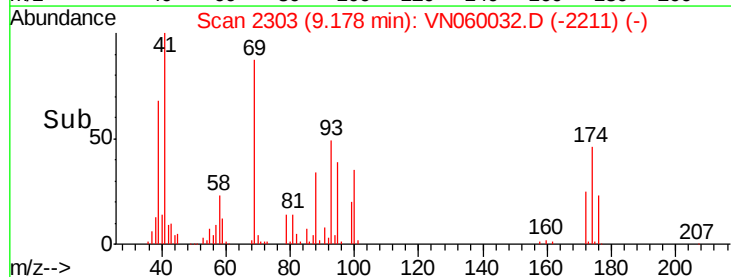
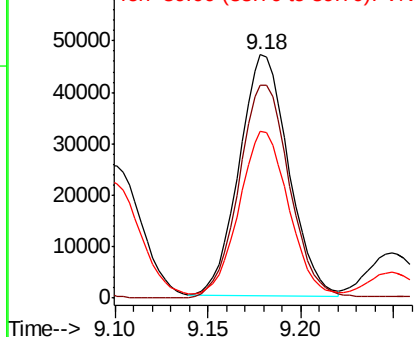


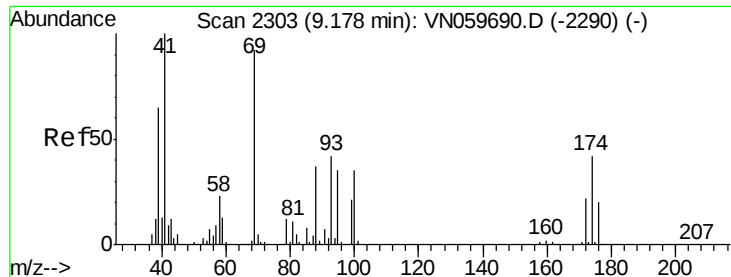
#48
Methyl methacrylate
Concen: 48.445 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

Tgt Ion: 41 Resp: 86608
Ion Ratio Lower Upper
41 100
69 91.2 64.4 96.6
39 70.8 51.3 76.9



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

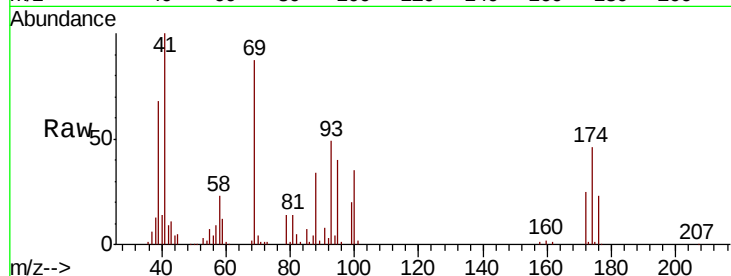




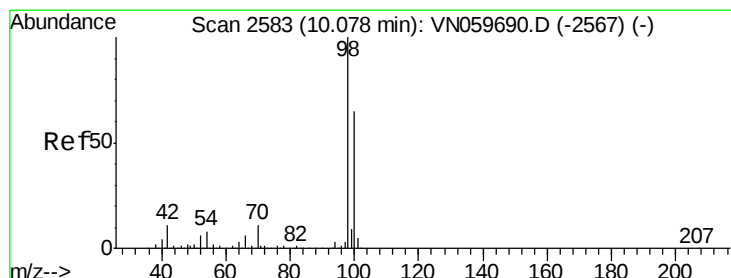
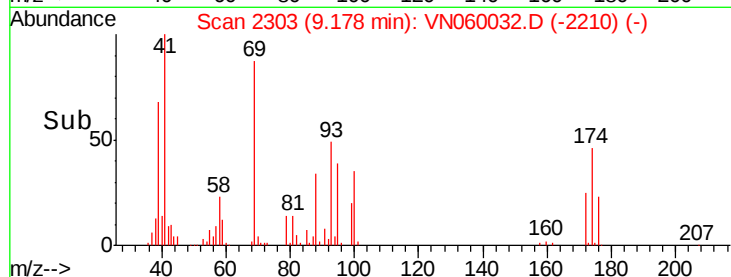
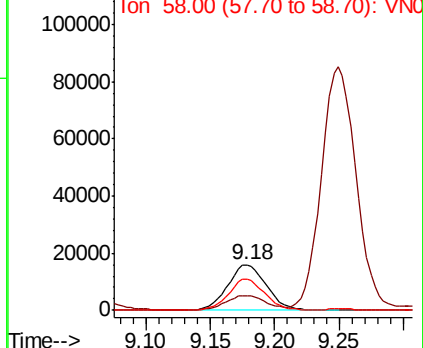
#49
1,4-Dioxane
Concen: 1009.856 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 33050
Ion Ratio Lower Upper
88 100
43 31.9 29.7 44.5
58 65.1 56.6 85.0

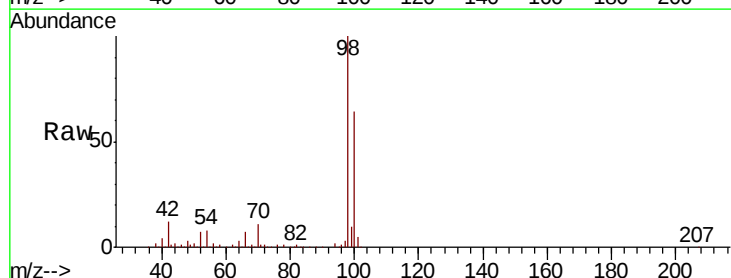


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

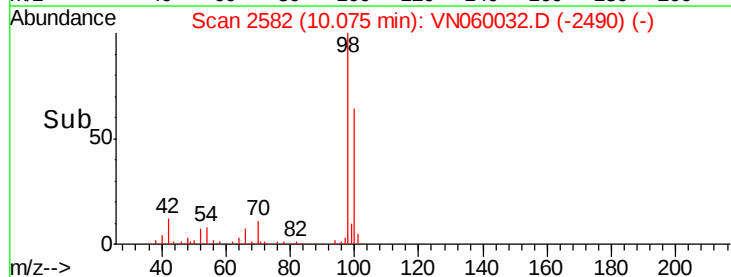
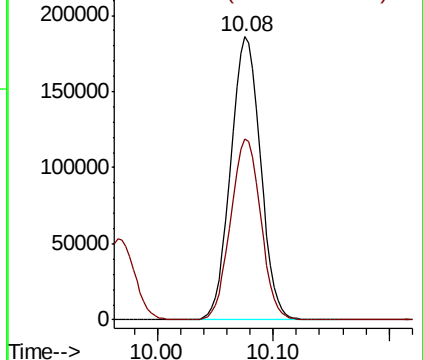


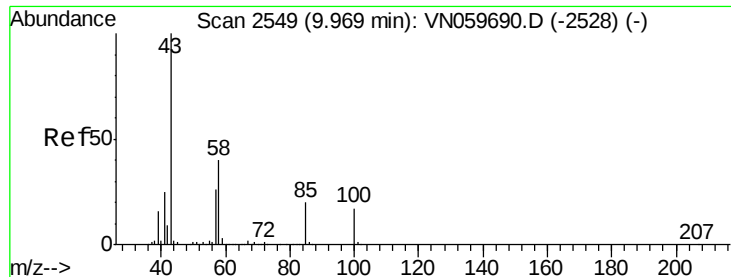
#50
Toluene-d8
Concen: 50.247 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

Tgt Ion: 98 Resp: 330291
Ion Ratio Lower Upper
98 100
100 64.5 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 252.932 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060032.D

Acq: 7 Feb 2020 16:06

Instrument :

MSVOA_N

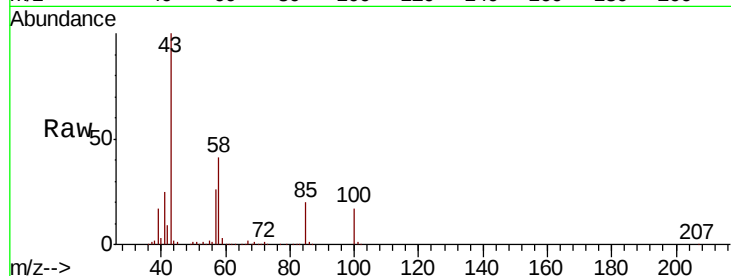
ClientSampled :

Tot Ion: 43 Resp: 584381

Ion Ratio Lower Upper

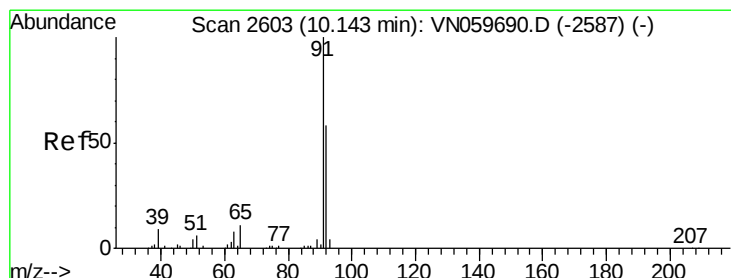
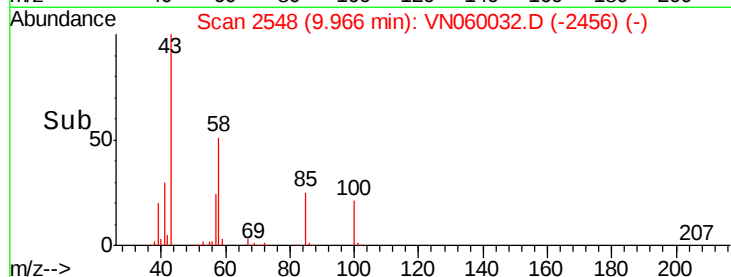
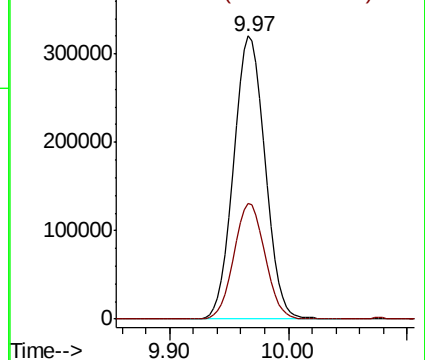
43 100

58 40.5 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 50.226 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN060032.D

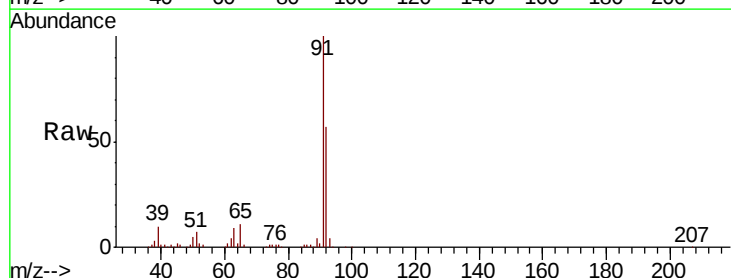
Acq: 7 Feb 2020 16:06

Tgt Ion: 92 Resp: 234408

Ion Ratio Lower Upper

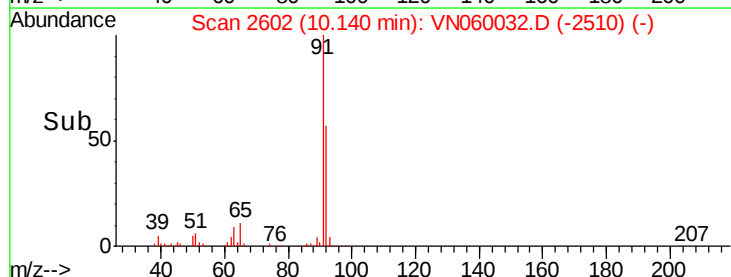
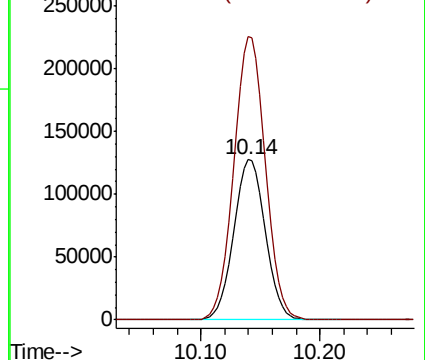
92 100

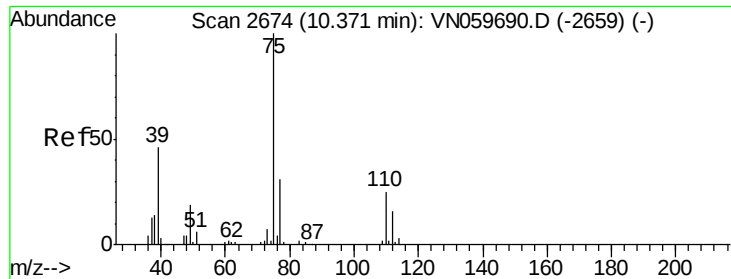
91 176.4 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 54.595 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060032.D

Acq: 7 Feb 2020 16:06

Instrument :

MSVOA_N

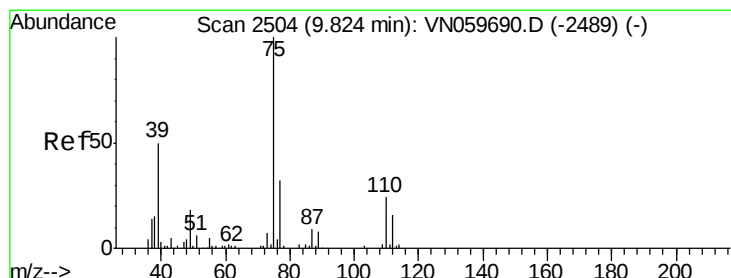
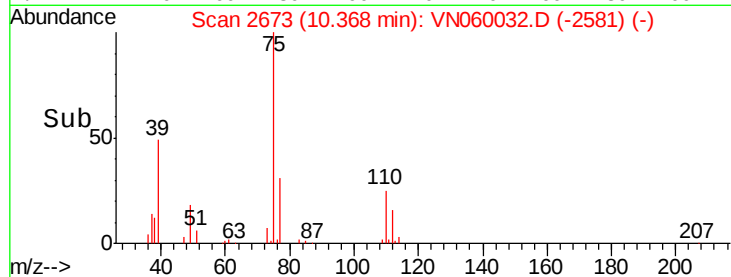
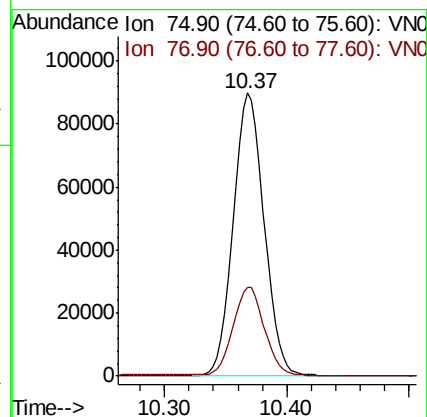
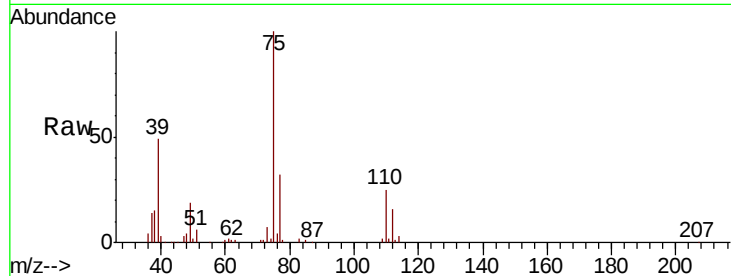
ClientSampled :

Tot Ion: 75 Resp: 158435

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 53.393 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060032.D

Acq: 7 Feb 2020 16:06

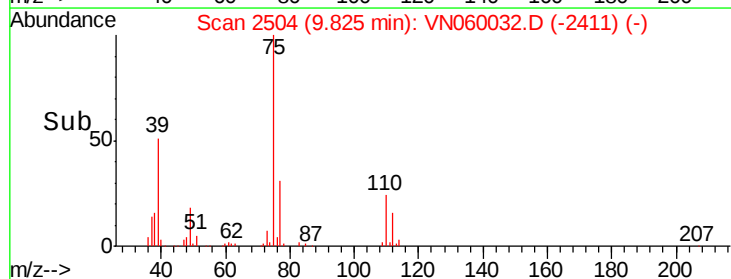
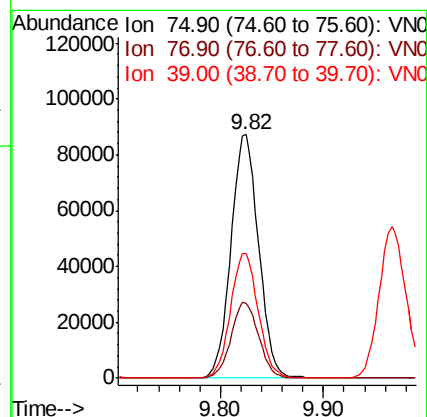
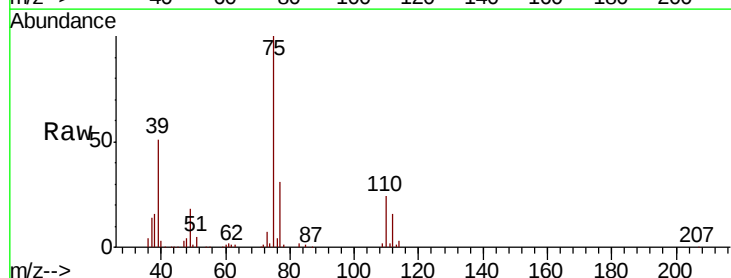
Tgt Ion: 75 Resp: 163035

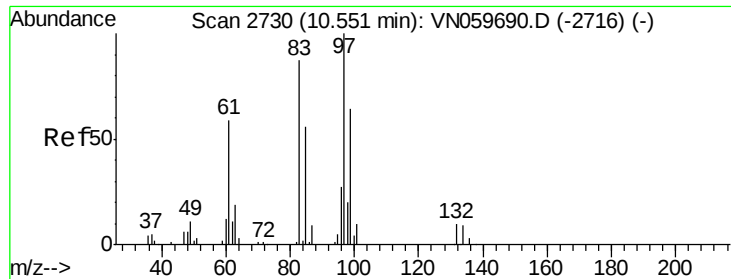
Ion Ratio Lower Upper

75 100

77 30.8 25.1 37.7

39 51.1 46.1 69.1





#55

1,1,2-Trichloroethane

Concen: 53.428 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VN060032.D

Acq: 7 Feb 2020 16:06

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 97 Resp: 98759

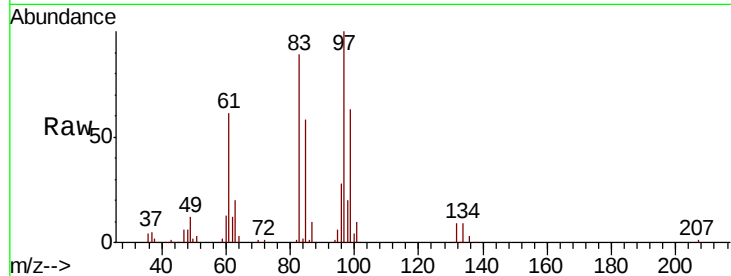
Ion	Ratio	Lower	Upper
97	100		
83	88.8	71.3	106.9
85	57.9	45.8	68.8
99	63.1	50.0	75.0

97 100

83 88.8 71.3 106.9

85 57.9 45.8 68.8

99 63.1 50.0 75.0



Abundance

Ion 96.90 (96.60 to 97.60): VN0

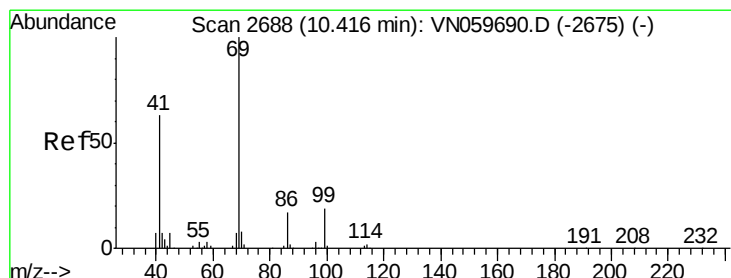
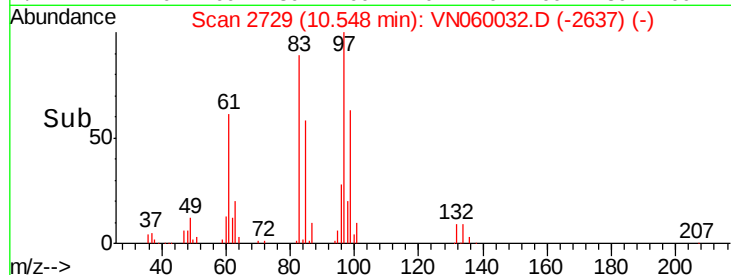
Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

10.55

Time-->



#56

Ethyl methacrylate

Concen: 51.129 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. 0.00 min

Lab File: VN060032.D

Acq: 7 Feb 2020 16:06

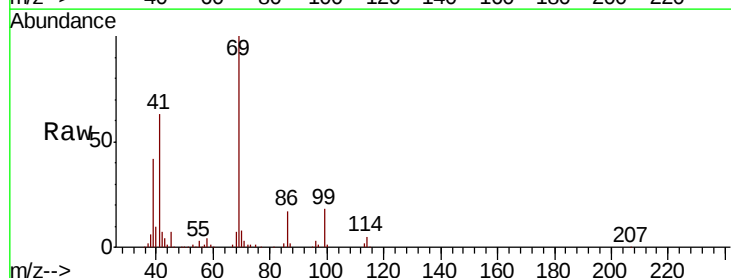
Tgt Ion: 69 Resp: 144411

Ion	Ratio	Lower	Upper
69	100		
41	63.9	57.1	85.7
39	41.8	34.7	52.1

69 100

41 63.9 57.1 85.7

39 41.8 34.7 52.1



Abundance

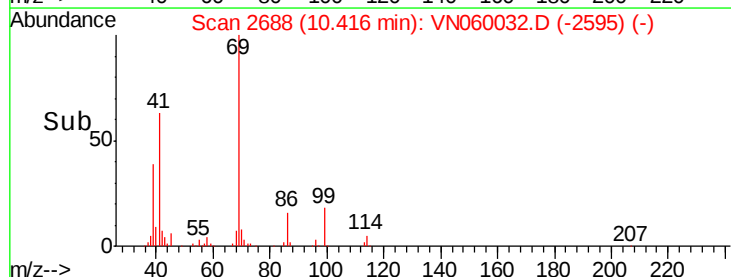
Ion 69.00 (68.70 to 69.70): VN0

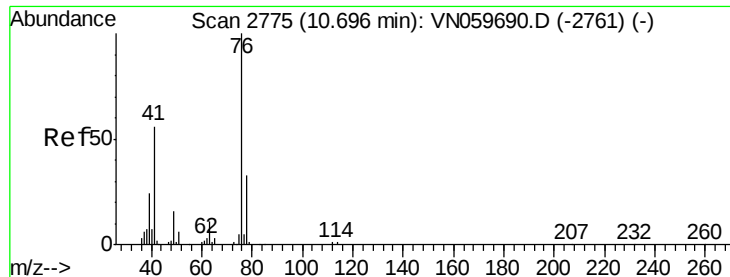
Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

10.42

Time-->





#57

1,3-Dichloropropane

Concen: 53.899 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060032.D

Acq: 7 Feb 2020 16:06

Instrument :

MSVOA_N

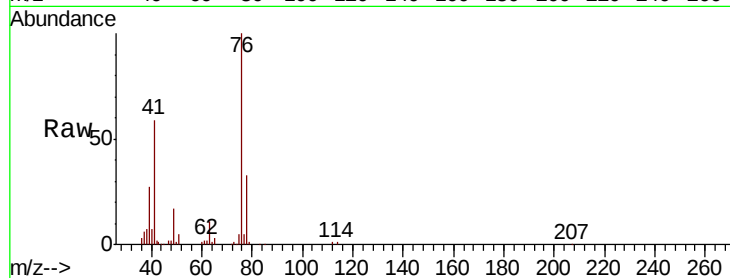
ClientSampled :

Tot Ion: 76 Resp: 158173

Ion Ratio Lower Upper

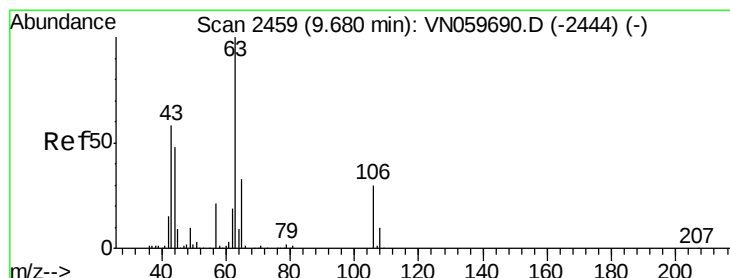
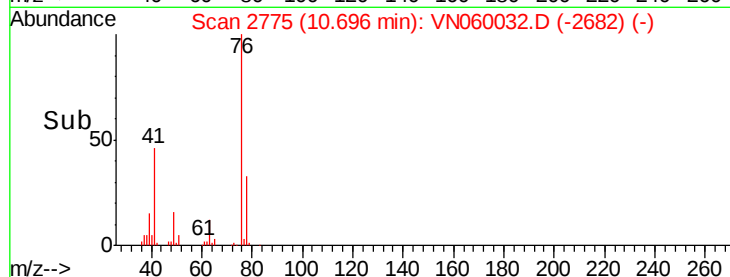
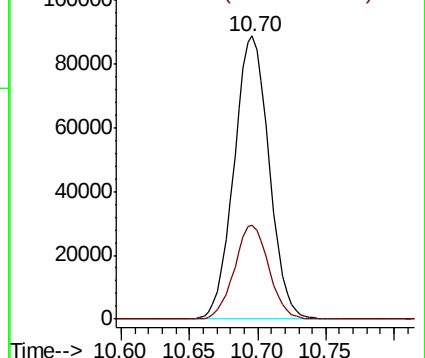
76 100

78 32.6 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 279.902 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN060032.D

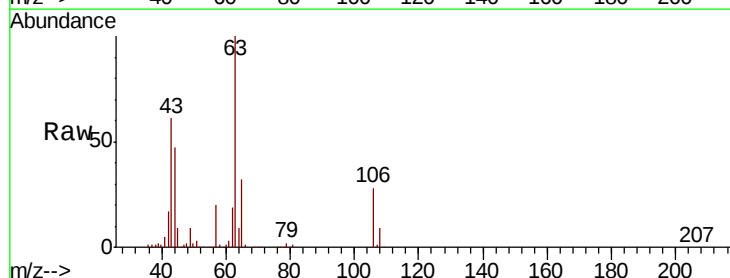
Acq: 7 Feb 2020 16:06

Tgt Ion: 63 Resp: 238119

Ion Ratio Lower Upper

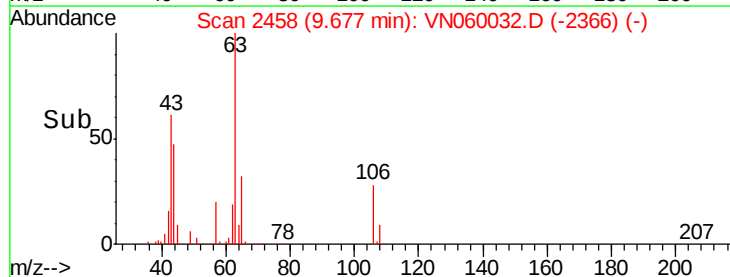
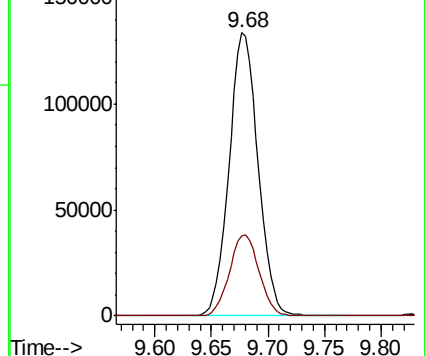
63 100

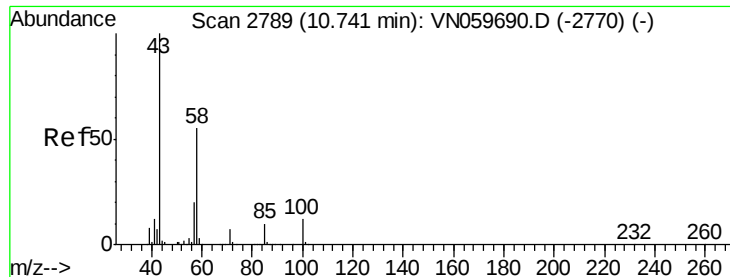
106 29.2 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

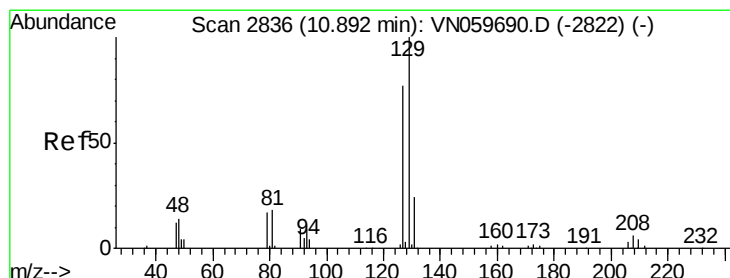
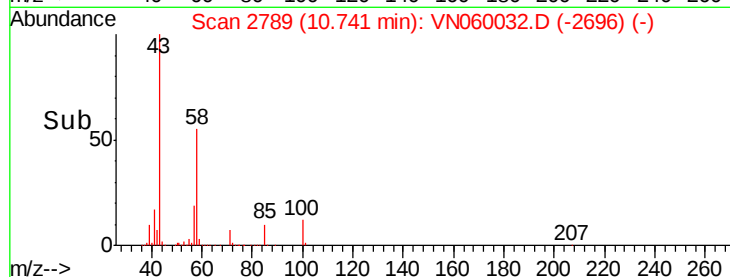
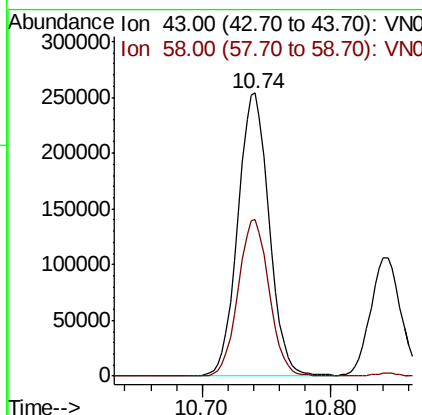
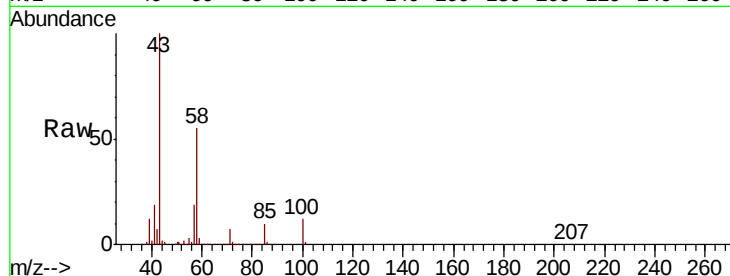




#59
2-Hexanone
Concen: 250.959 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

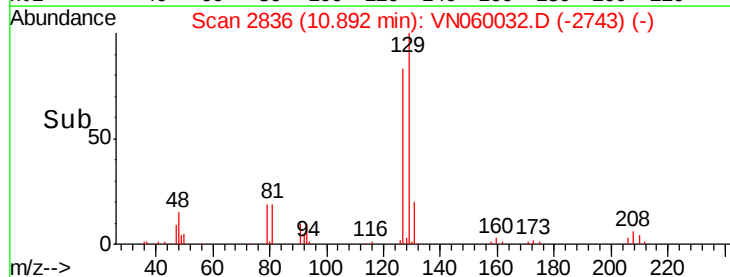
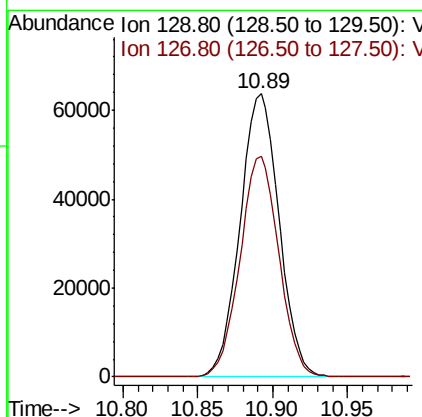
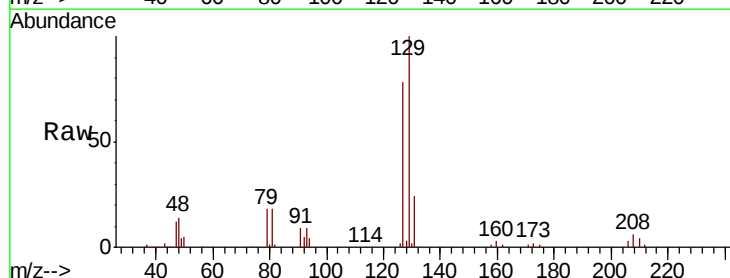
Instrument :
MSVOA_N
ClientSampled :

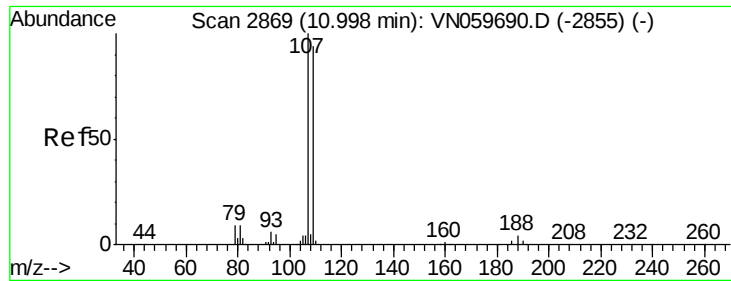
Tot Ion: 43 Resp: 427158
Ion Ratio Lower Upper
43 100
58 55.1 25.8 77.3



#60
Dibromochloromethane
Concen: 54.951 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

Tgt Ion: 129 Resp: 115667
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5

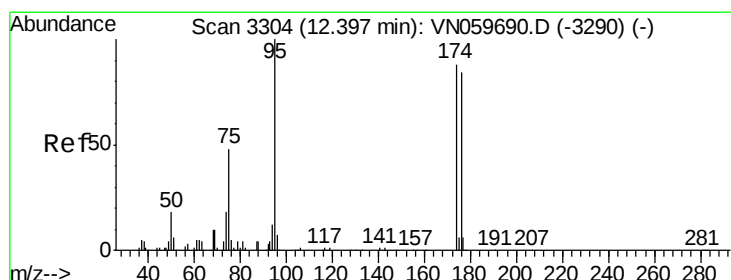
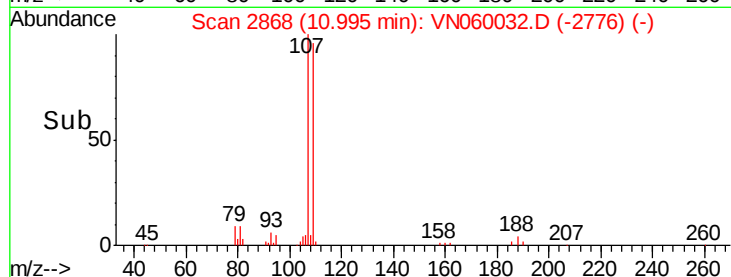
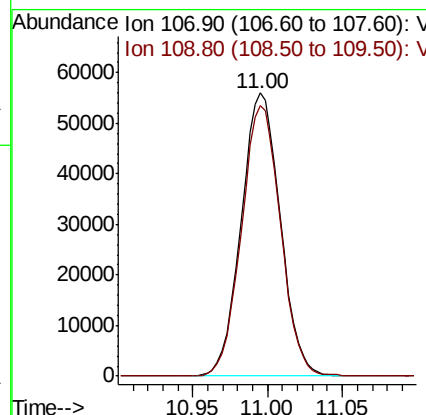
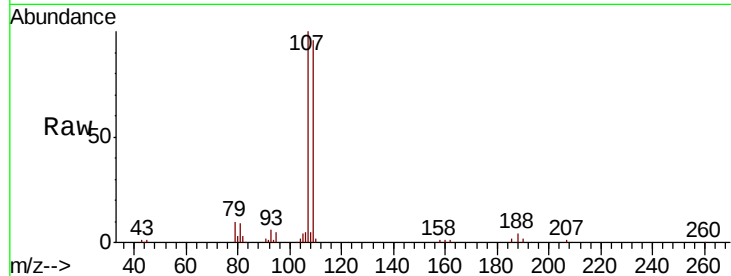




#61
 1,2-Dibromoethane
 Concen: 52.428 ug/l
 RT: 11.00 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060032.D
 Acq: 7 Feb 2020 16:06

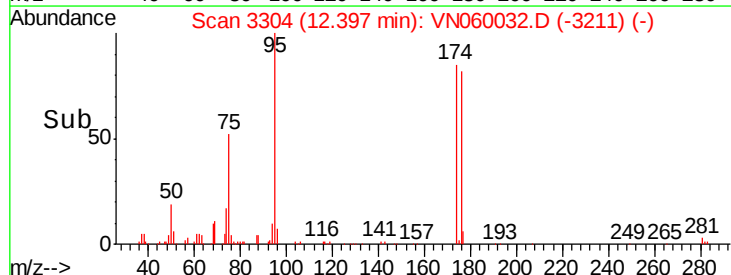
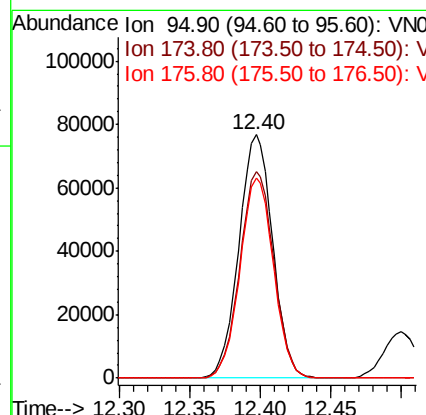
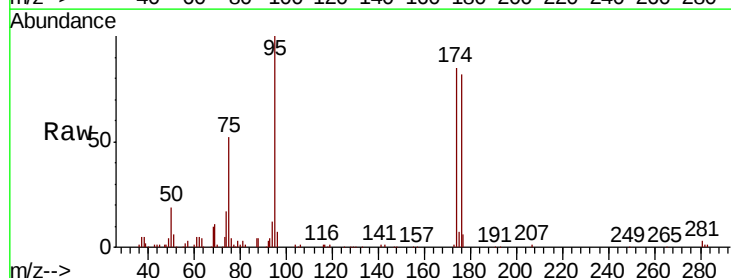
Instrument :
 MSVOA_N
 ClientSampleId :

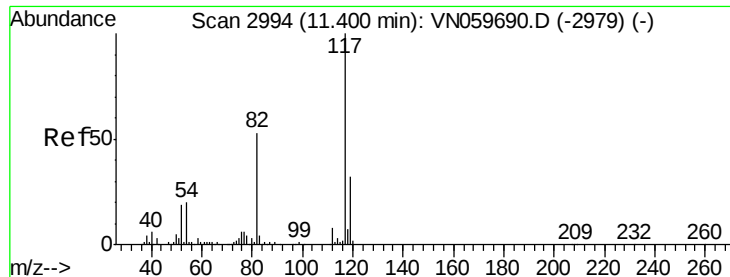
Tot Ion: 107 Resp: 101573
 Ion Ratio Lower Upper
 107 100
 109 95.6 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 54.246 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060032.D
 Acq: 7 Feb 2020 16:06

Tgt Ion: 95 Resp: 128546
 Ion Ratio Lower Upper
 95 100
 174 85.8 0.0 151.4
 176 81.7 0.0 146.0

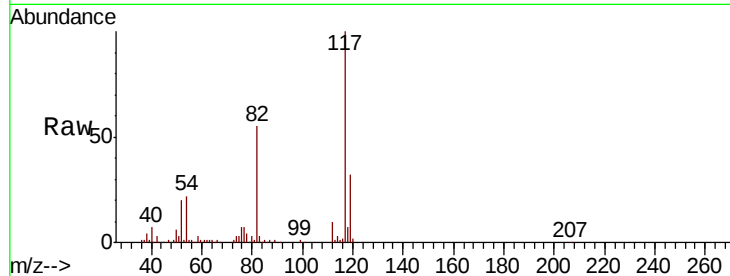




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	45.9	68.9
119	32.2	25.5	38.3

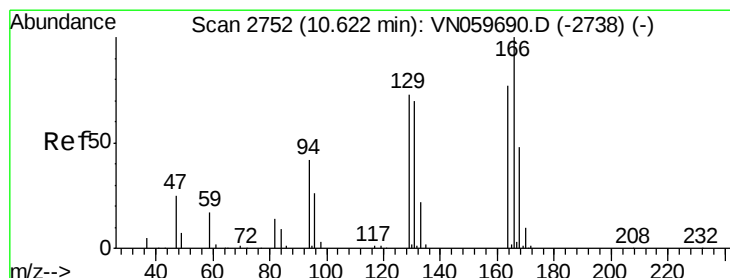
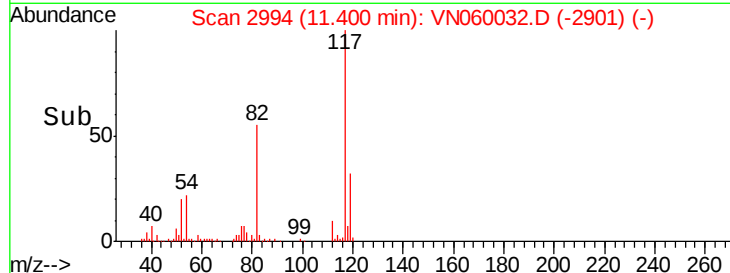
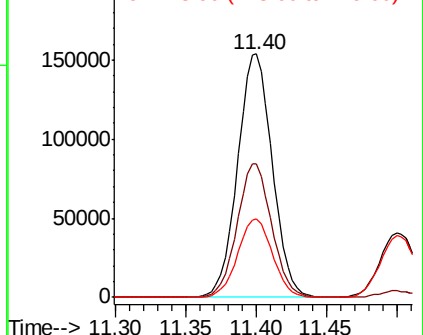


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 44.186 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	101.4	152.0
129	92.8	80.2	120.4
131	91.0	75.0	112.4

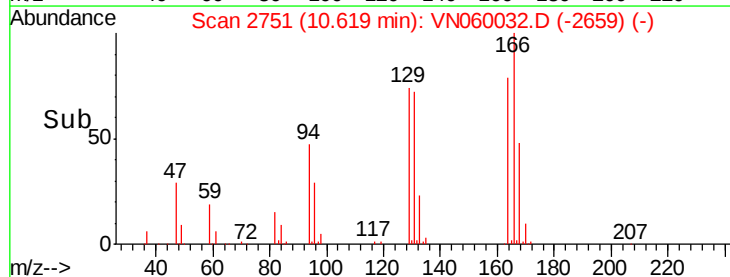
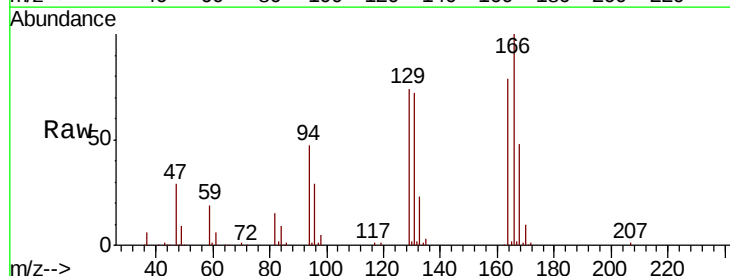
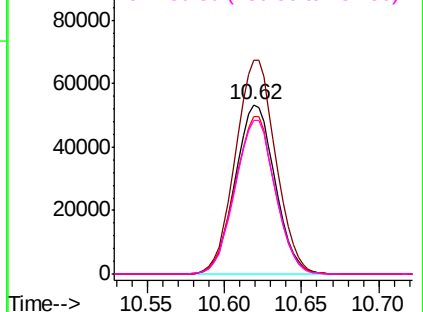
Abundance

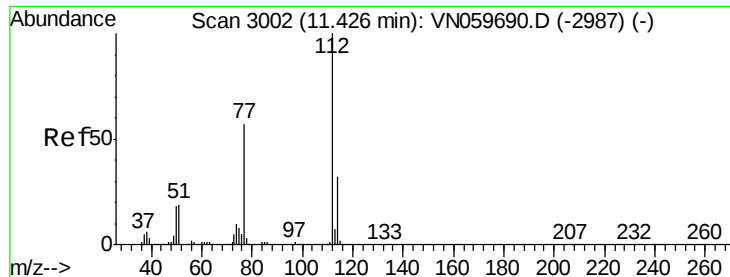
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

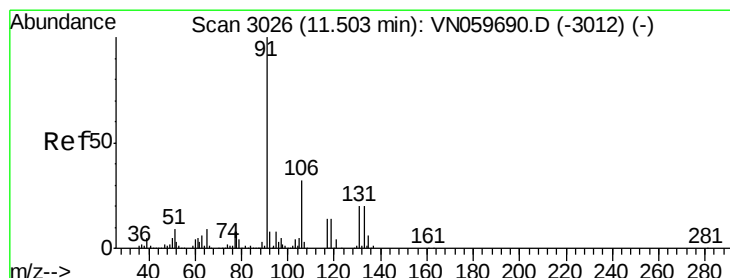
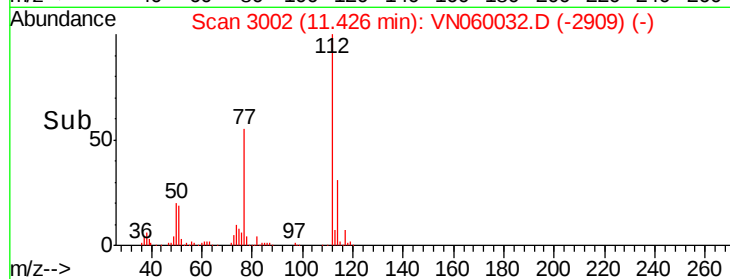
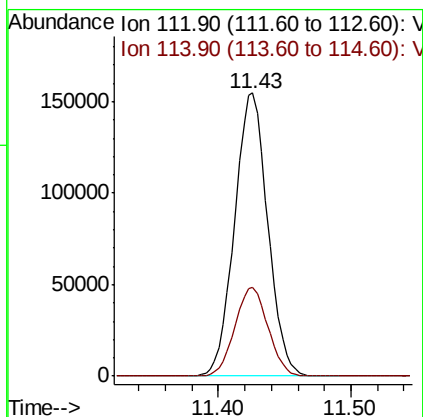
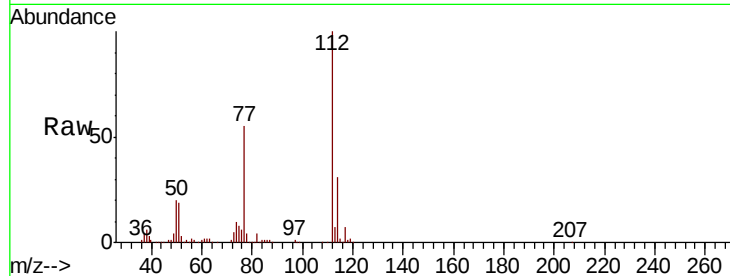




#65
Chlorobenzene
Concen: 51.427 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

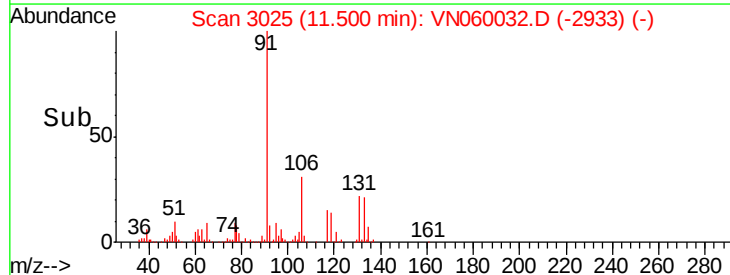
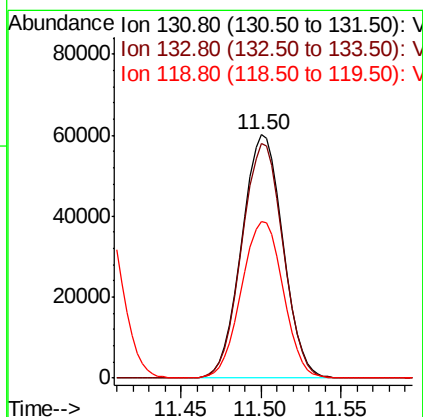
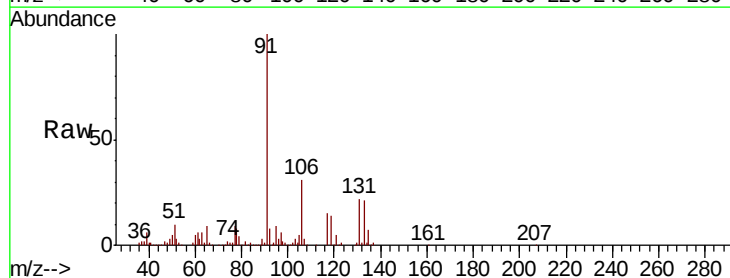
Instrument :
MSVOA_N
ClientSampleId :

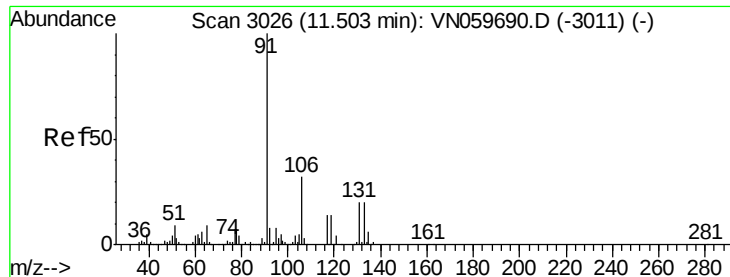
Tot Ion:112 Resp: 268040
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.570 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

Tgt Ion:131 Resp: 105872
Ion Ratio Lower Upper
131 100
133 96.8 47.4 142.2
119 65.3 33.1 99.3

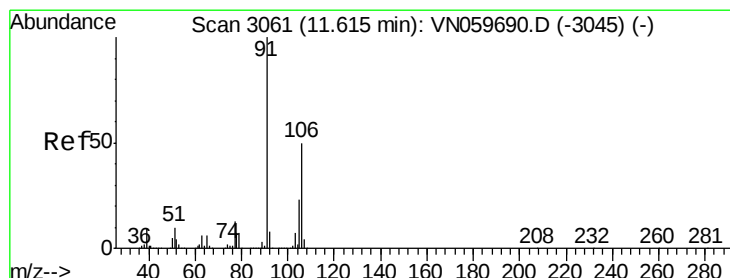
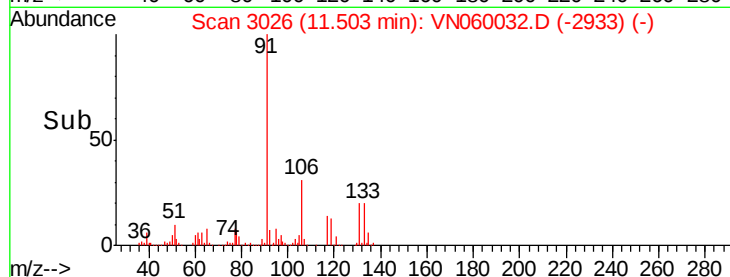
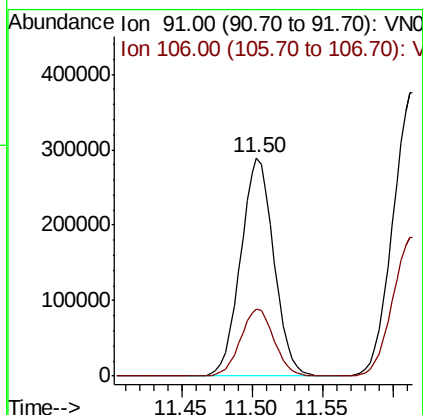
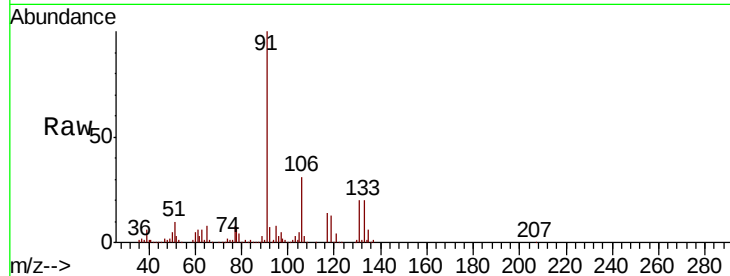




#67
Ethyl Benzene
Concen: 50.322 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

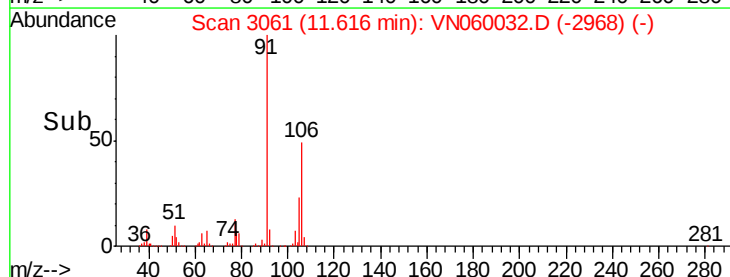
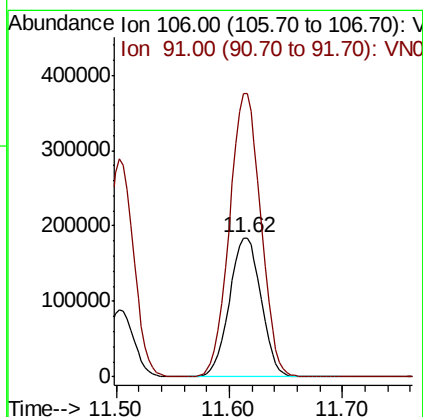
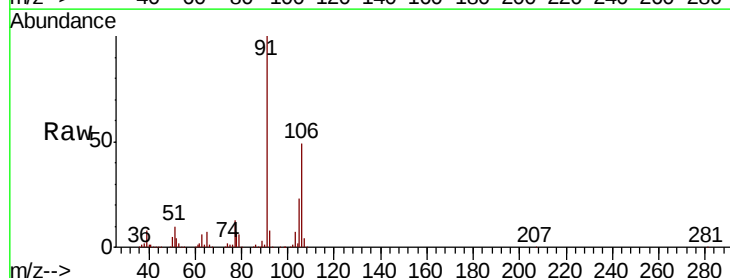
Instrument :
MSVOA_N
ClientSampled :

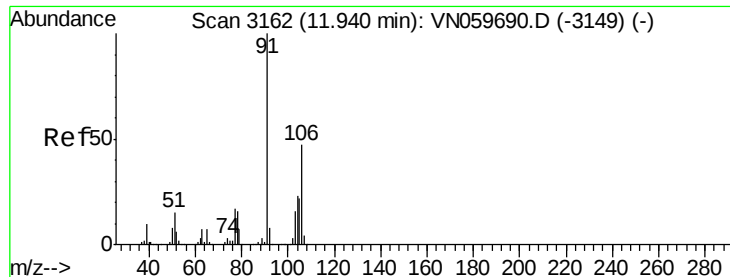
Tot Ion: 91 Resp: 476125
Ion Ratio Lower Upper
91 100
106 30.9 24.1 36.1



#68
m/p-Xylenes
Concen: 100.498 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

Tgt Ion: 106 Resp: 359183
Ion Ratio Lower Upper
106 100
91 201.5 167.9 251.9

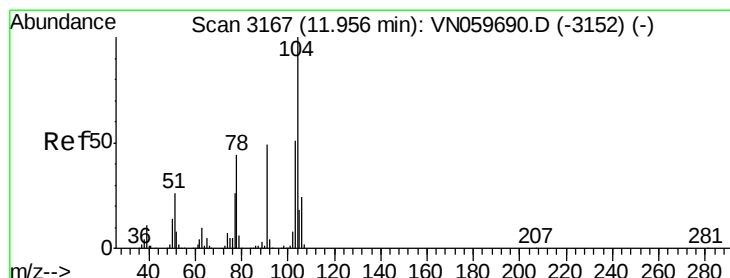
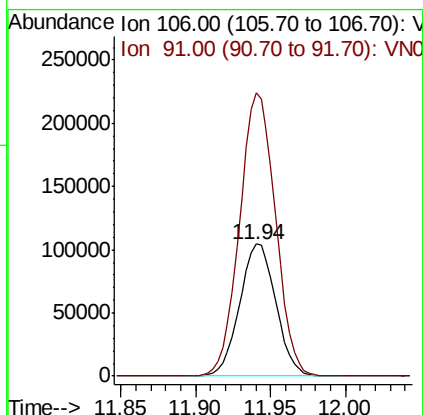
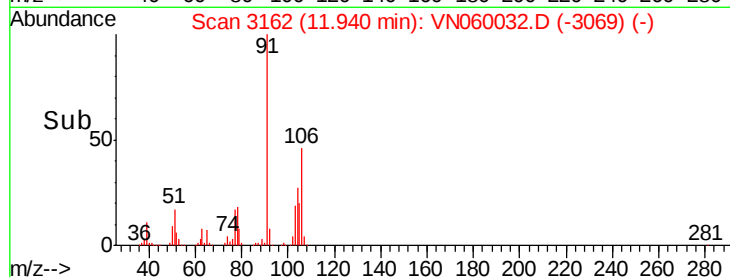
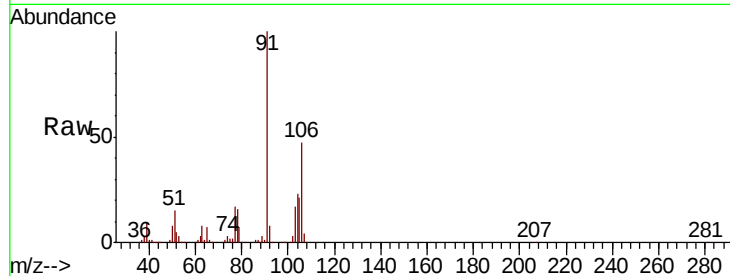




#69
o-Xylene
Concen: 50.228 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

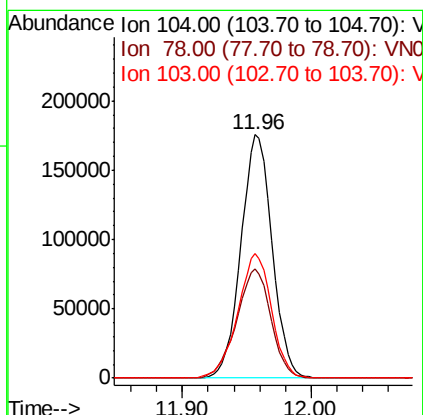
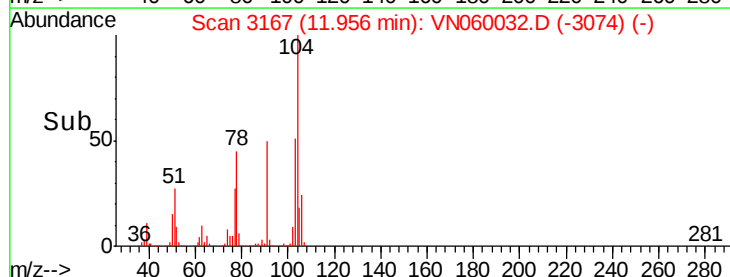
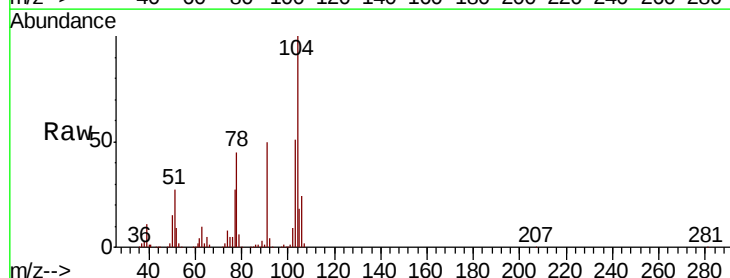
Instrument :
MSVOA_N
ClientSampled :

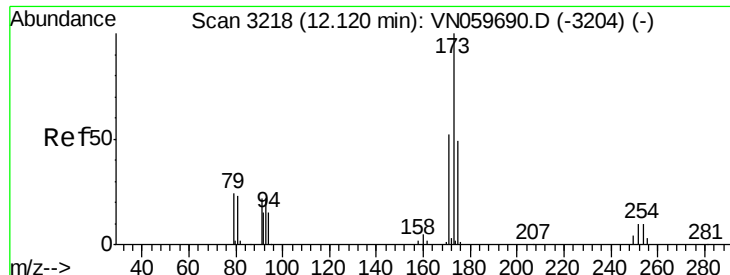
Tot Ion:106 Resp: 175749
Ion Ratio Lower Upper
106 100
91 213.0 110.3 330.9



#70
Styrene
Concen: 50.483 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

Tgt Ion:104 Resp: 295581
Ion Ratio Lower Upper
104 100
78 49.3 42.4 63.6
103 55.4 43.9 65.9

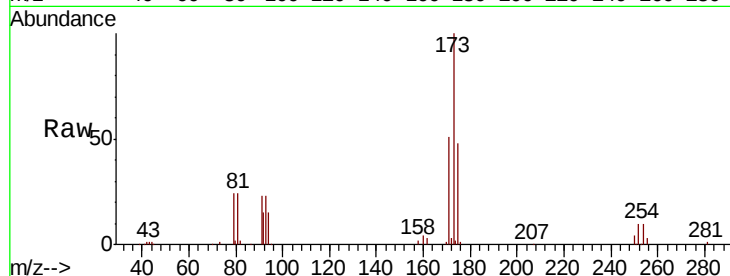




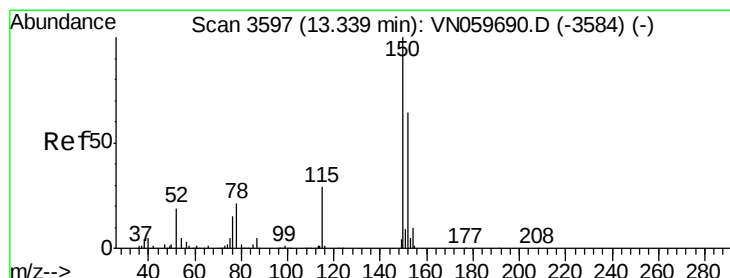
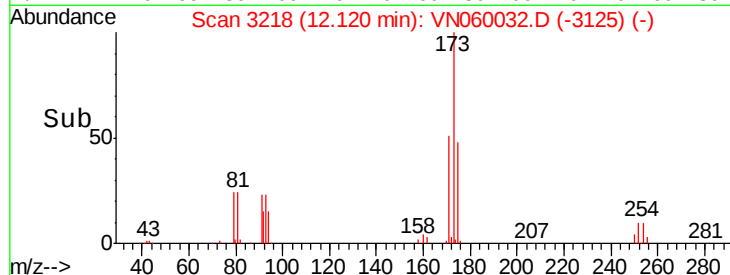
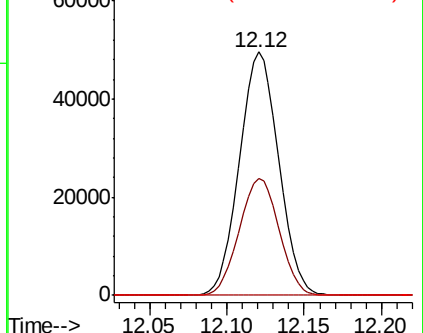
#71
Bromoform
Concen: 54.241 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 87501
Ion Ratio Lower Upper
173 100
175 48.6 23.8 71.4
254 0.0 0.0 0.0

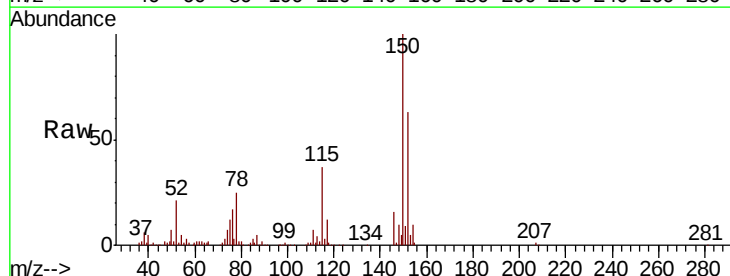


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

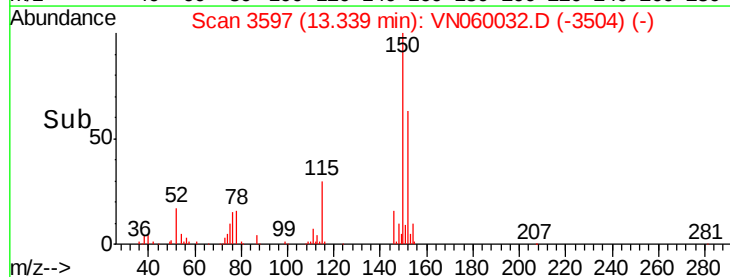
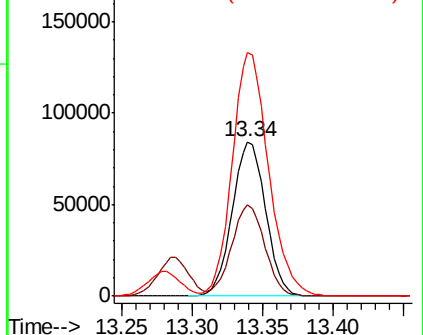


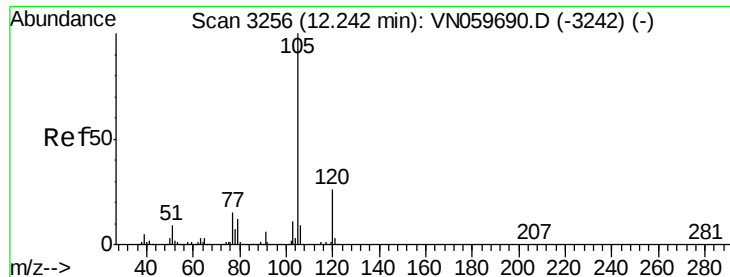
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

Tgt Ion:152 Resp: 139746
Ion Ratio Lower Upper
152 100
115 58.7 30.3 90.9
150 171.7 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.103 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060032.D

Acq: 7 Feb 2020 16:06

Instrument :

MSVOA_N

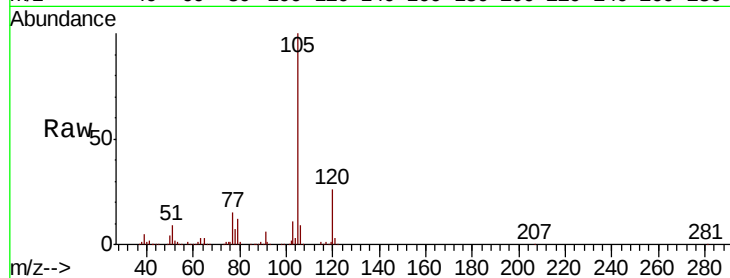
ClientSampleId :

Tot Ion:105 Resp: 482755

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

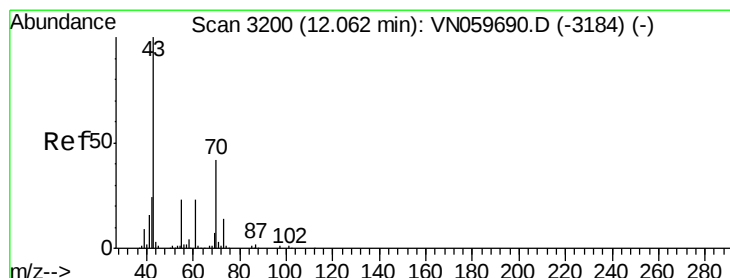
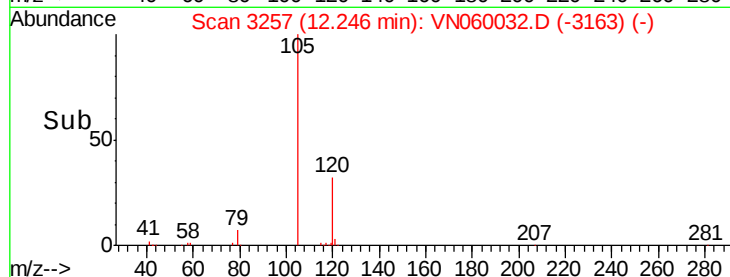
300000

200000

100000

0

Time--> 12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 45.892 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN060032.D

Acq: 7 Feb 2020 16:06

Tgt Ion: 43 Resp: 182507

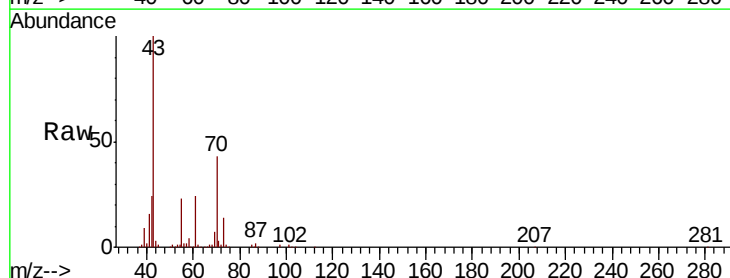
Ion Ratio Lower Upper

43 100

70 43.0 31.3 46.9

55 23.5 19.8 29.6

61 24.4 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

12.06

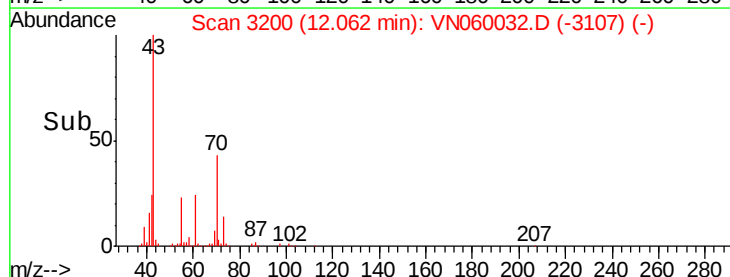
150000

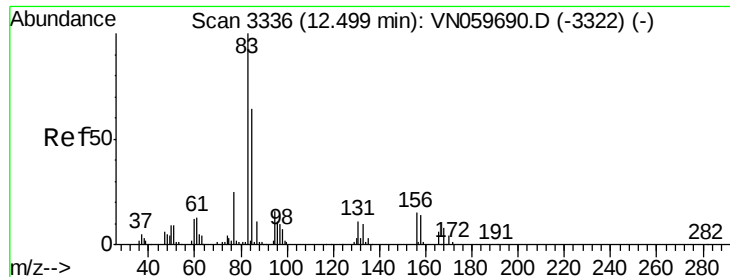
100000

50000

0

Time--> 12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 49.384 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060032.D

Acq: 7 Feb 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

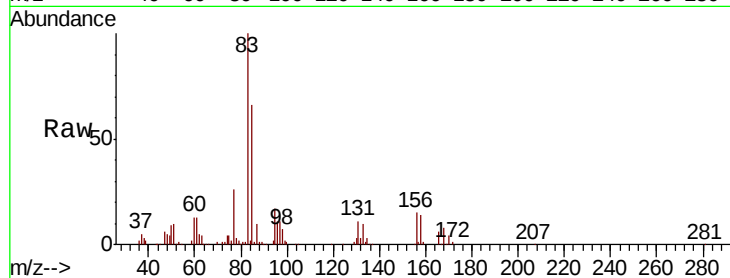
Tot Ion: 83 Resp: 146728

Ion Ratio Lower Upper

83 100

131 10.9 5.0 14.9

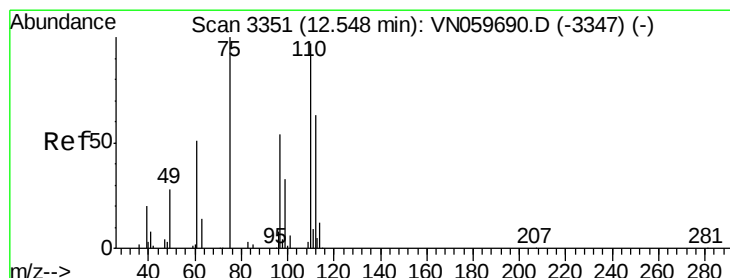
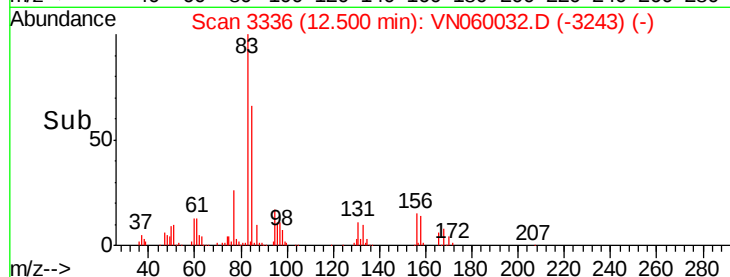
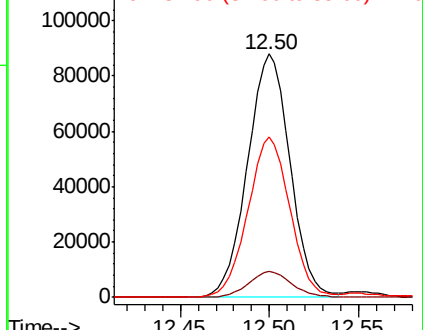
85 65.2 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 81.963 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060032.D

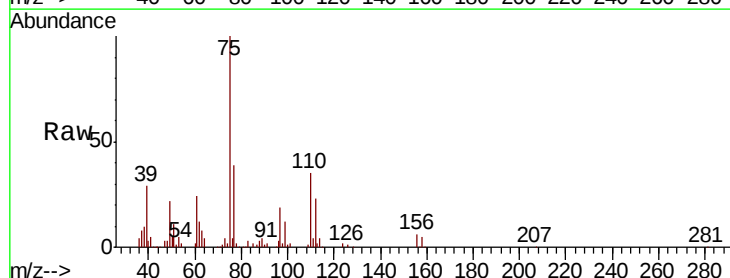
Acq: 7 Feb 2020 16:06

Tgt Ion: 75 Resp: 192760

Ion Ratio Lower Upper

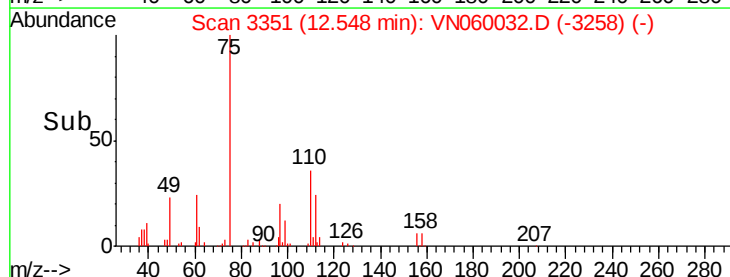
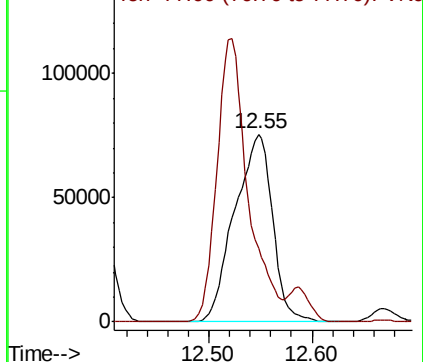
75 100

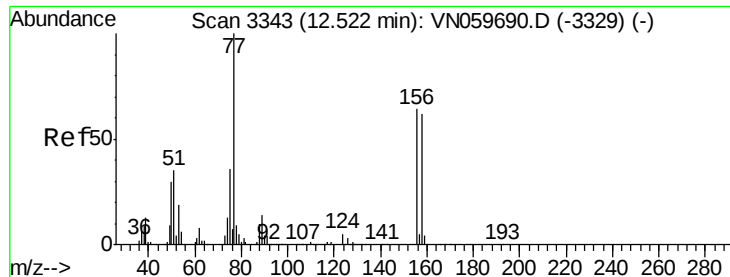
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 47.050 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060032.D

Acq: 7 Feb 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

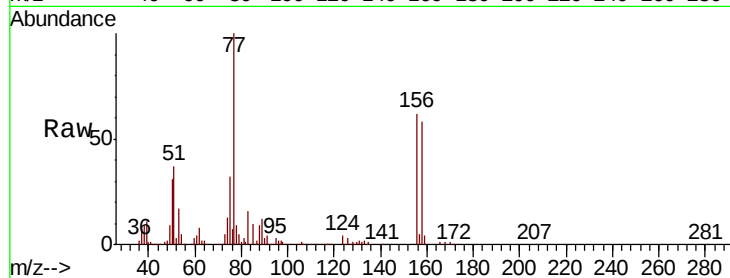
Tot Ion:156 Resp: 122114

Ion Ratio Lower Upper

156 100

77 195.4 115.8 347.4

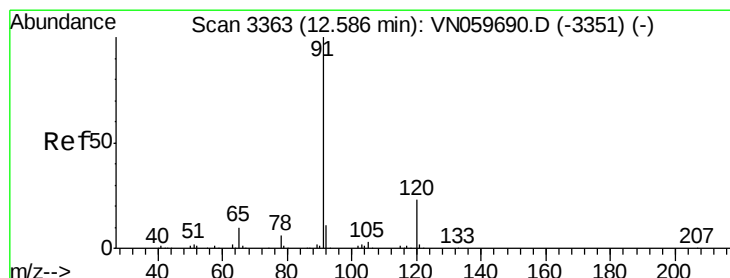
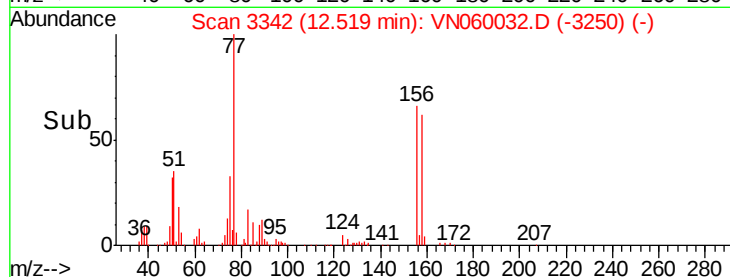
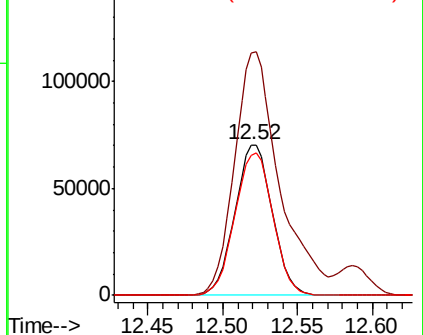
158 96.7 49.2 147.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.341 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060032.D

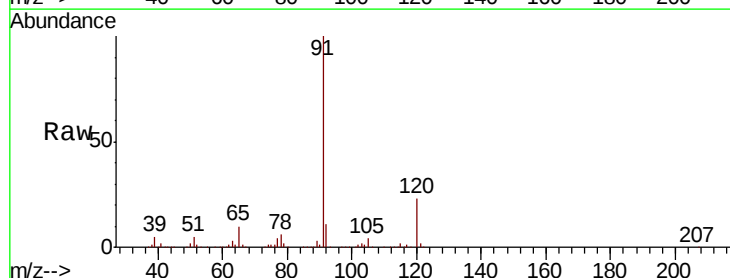
Acq: 7 Feb 2020 16:06

Tgt Ion: 91 Resp: 556079

Ion Ratio Lower Upper

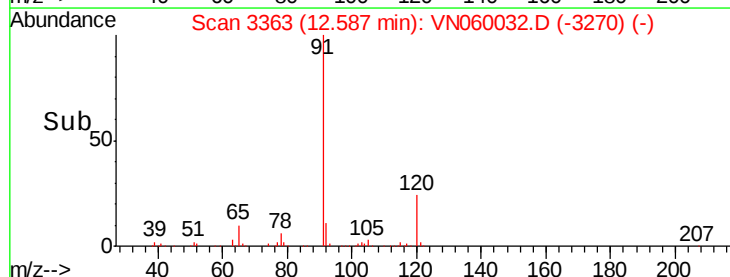
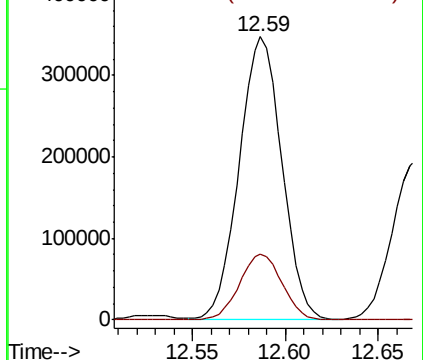
91 100

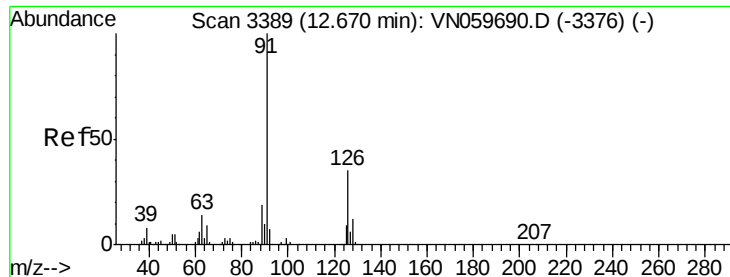
120 23.0 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.678 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN060032.D

Acq: 7 Feb 2020 16:06

Instrument :

MSVOA_N

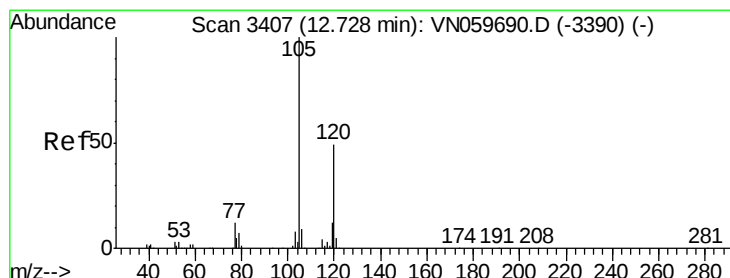
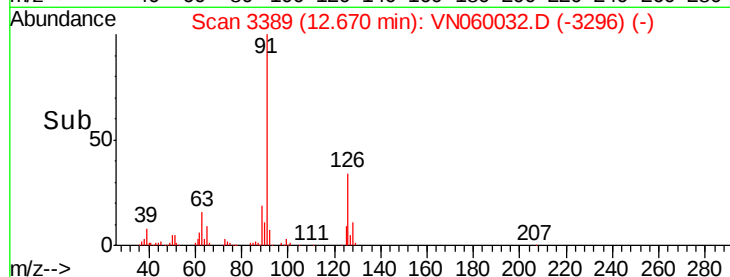
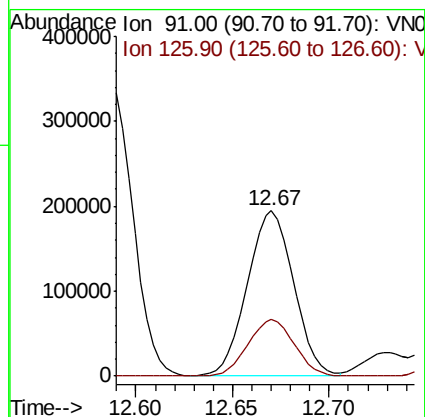
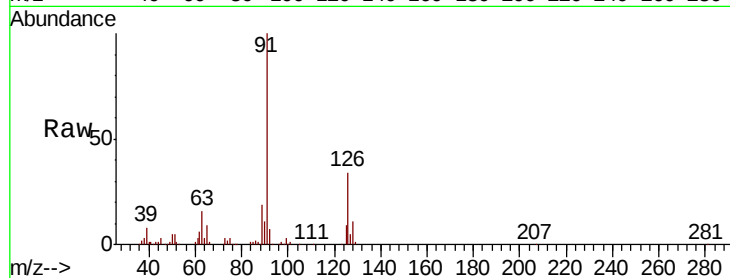
ClientSampleId :

Tot Ion: 91 Resp: 326280

Ion Ratio Lower Upper

91 100

126 34.3 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 47.105 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN060032.D

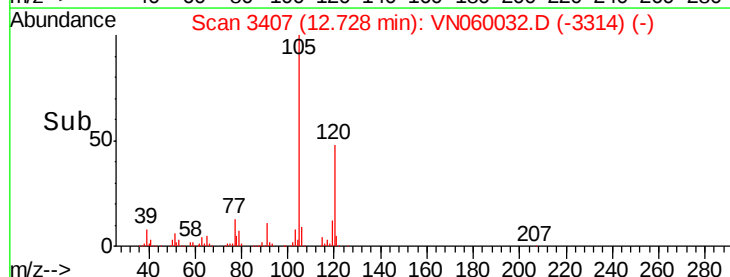
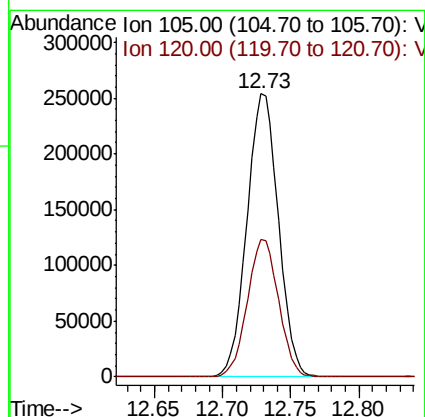
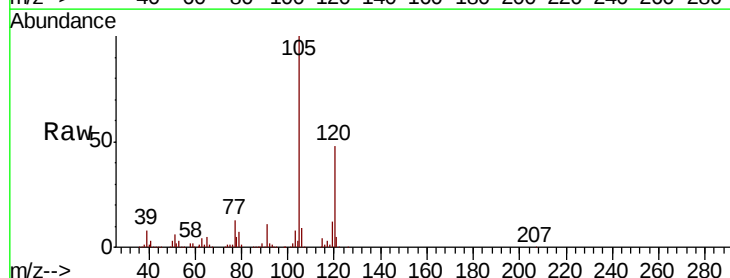
Acq: 7 Feb 2020 16:06

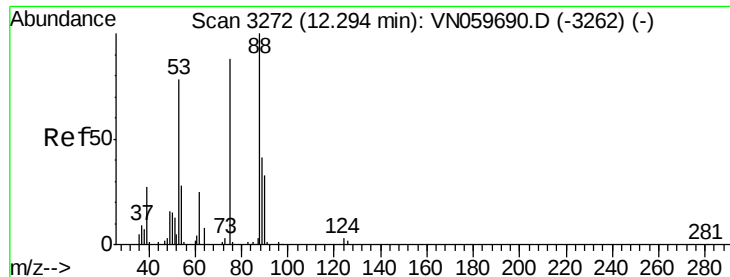
Tgt Ion: 105 Resp: 406012

Ion Ratio Lower Upper

105 100

120 48.4 24.1 72.4

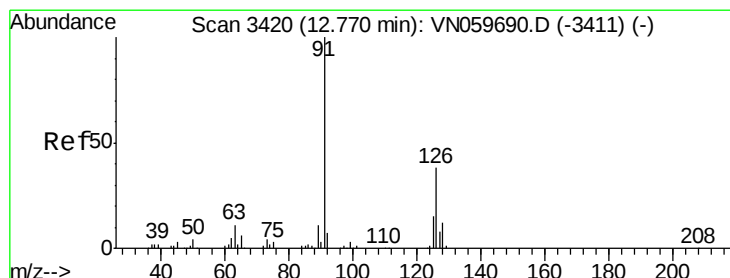
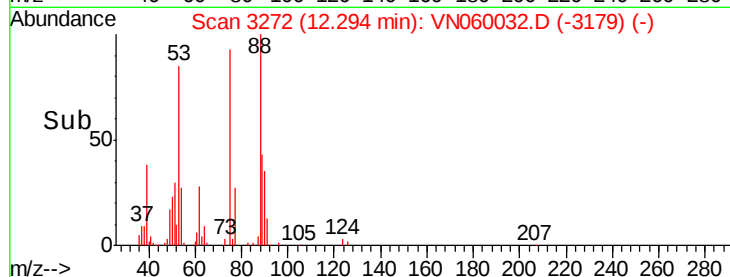
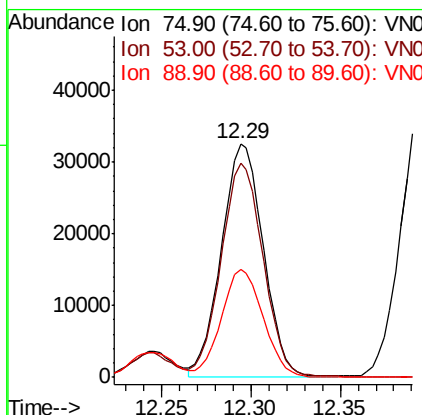
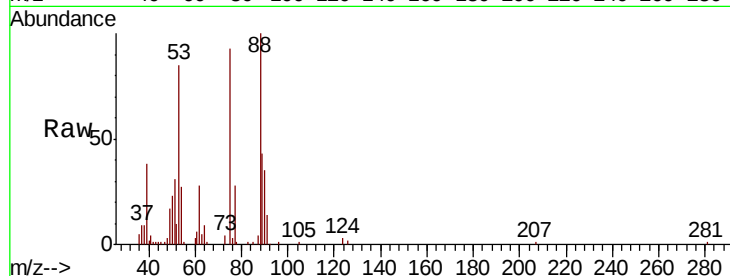




#81
trans-1,4-Dichloro-2-butene
Concen: 48.483 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

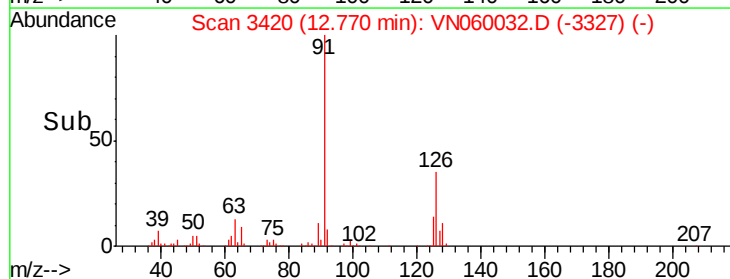
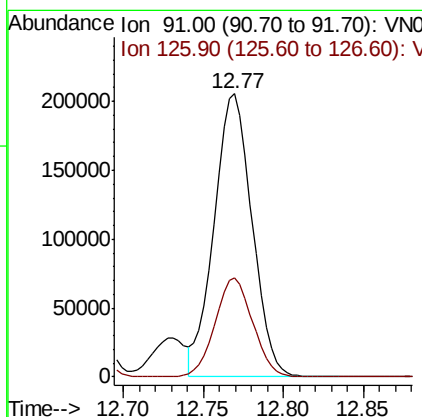
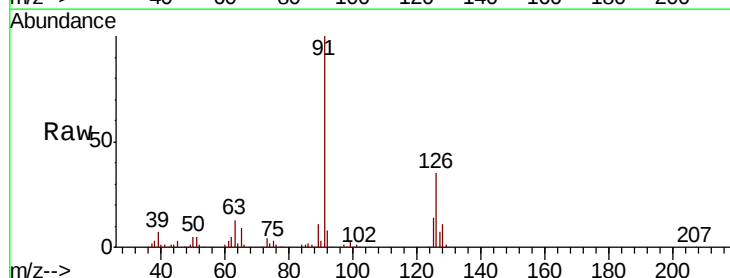
Instrument :
MSVOA_N
ClientSampled :

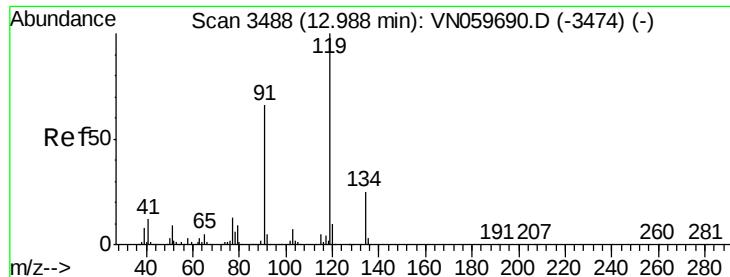
Tot Ion: 75 Resp: 53095
Ion Ratio Lower Upper
75 100
53 92.7 78.1 117.1
89 46.1 35.4 53.2



#82
4-Chlorotoluene
Concen: 48.818 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

Tgt Ion: 91 Resp: 335087
Ion Ratio Lower Upper
91 100
126 34.7 16.3 48.8

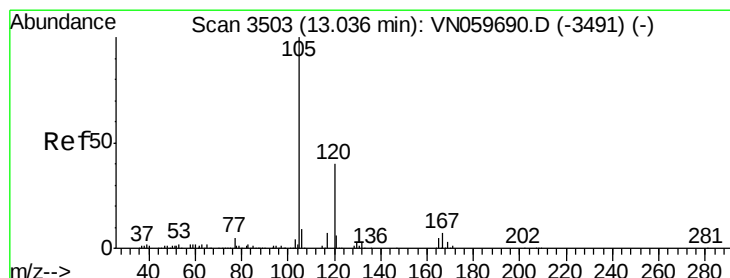
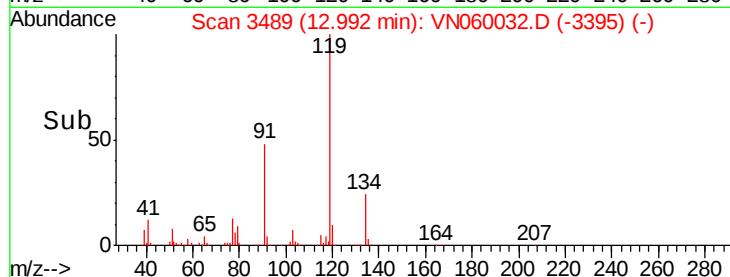
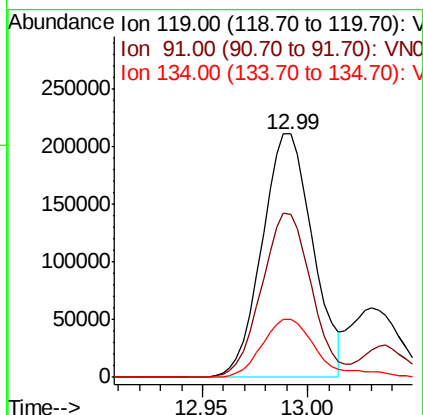
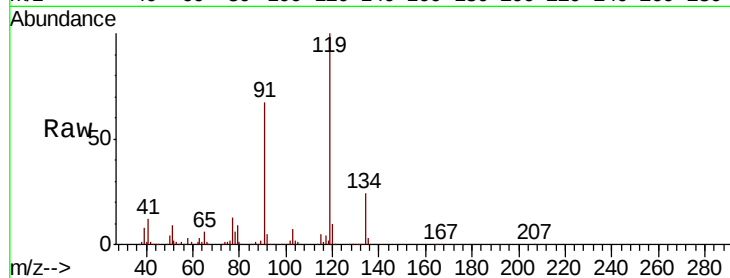




#83
tert-Butylbenzene
Concen: 47.248 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

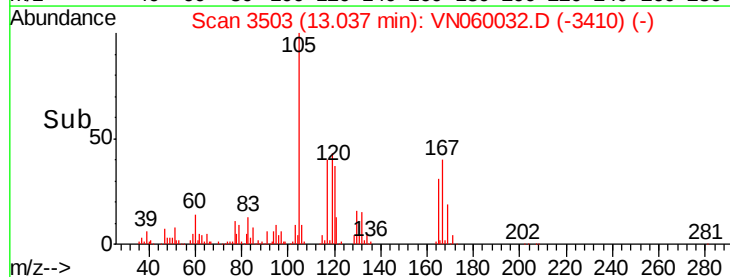
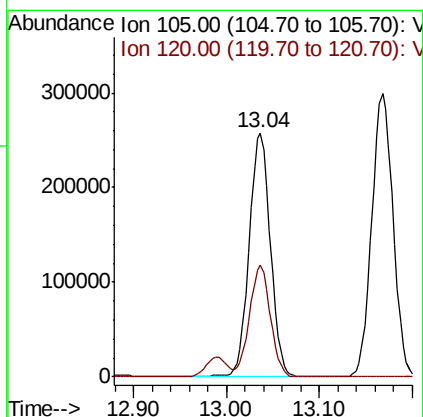
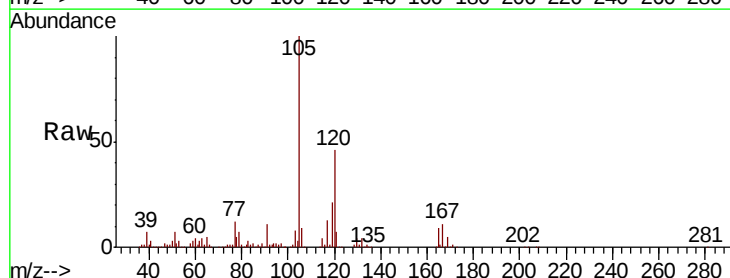
Instrument :
MSVOA_N
ClientSampleId :

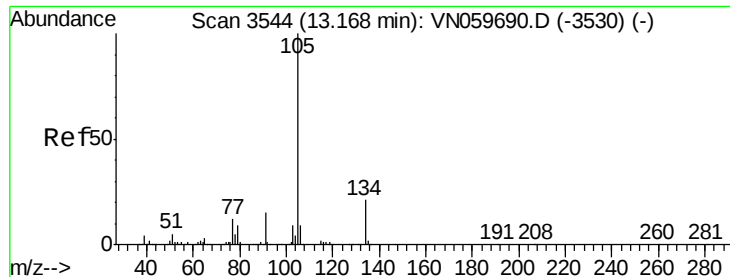
Tot Ion:119 Resp: 352216
Ion Ratio Lower Upper
119 100
91 66.0 34.8 104.4
134 26.1 12.3 36.9



#84
1,2,4-Trimethylbenzene
Concen: 47.890 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

Tgt Ion:105 Resp: 408367
Ion Ratio Lower Upper
105 100
120 45.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 48.566 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN060032.D

Acq: 7 Feb 2020 16:06

Instrument :

MSVOA_N

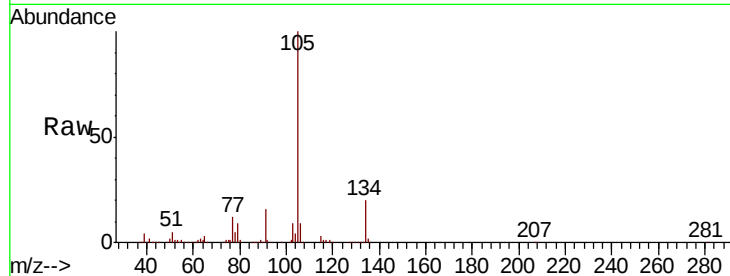
ClientSampleId :

Tot Ion:105 Resp: 475664

Ion Ratio Lower Upper

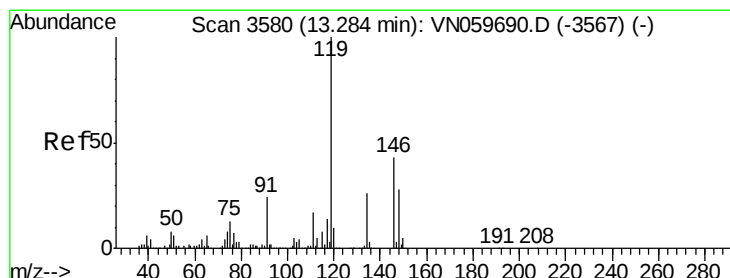
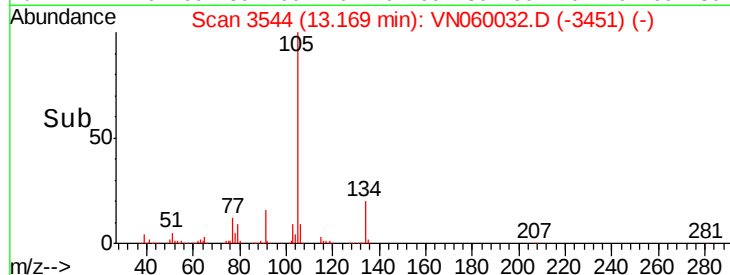
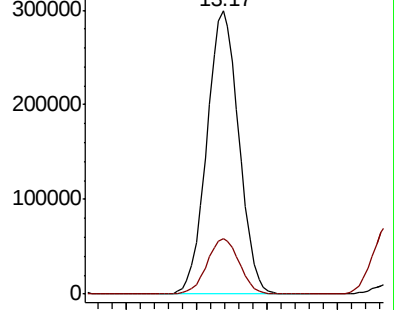
105 100

134 19.9 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.709 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN060032.D

Acq: 7 Feb 2020 16:06

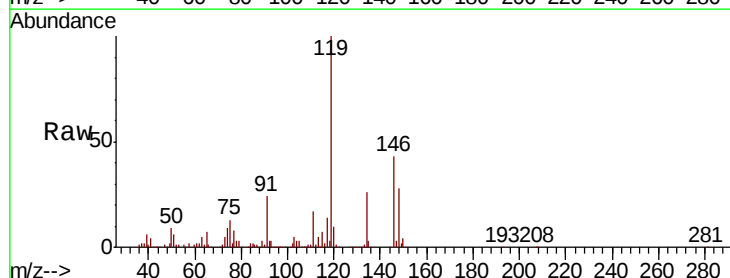
Tgt Ion:119 Resp: 441431

Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.7

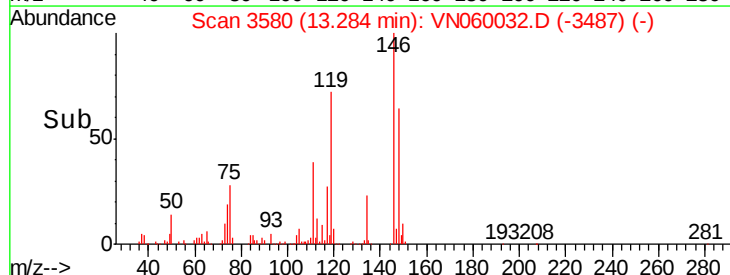
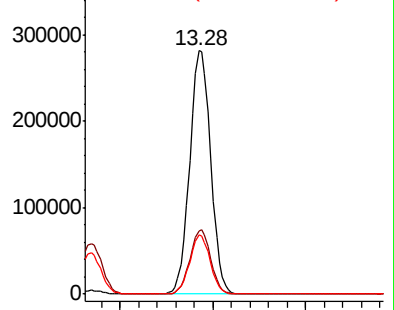
91 23.9 12.4 37.4

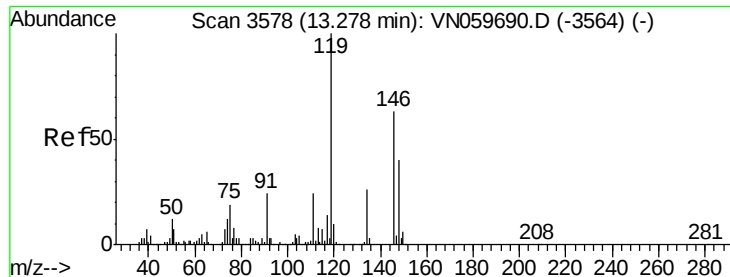


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.990 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN060032.D

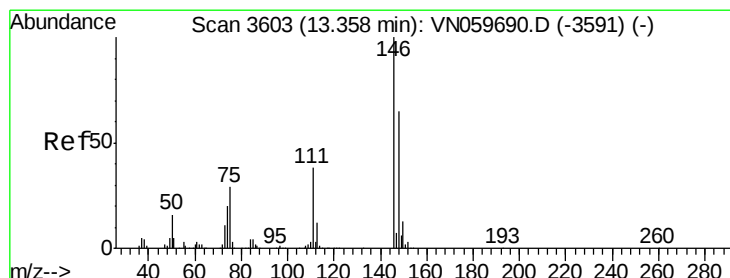
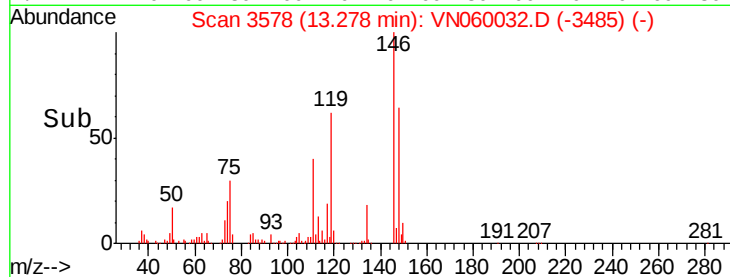
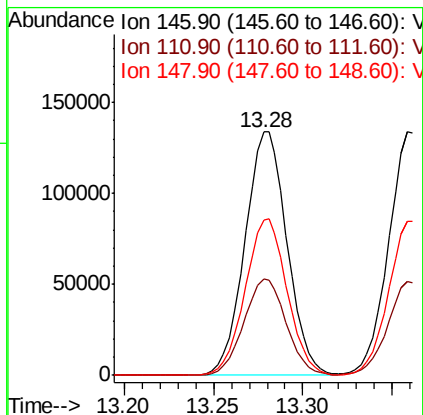
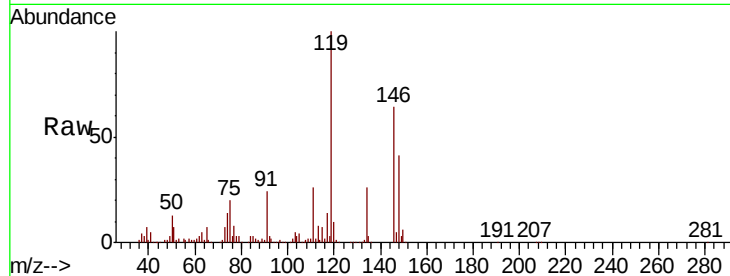
Acq: 7 Feb 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:146	Resp:	220867
Ion Ratio	Lower	Upper
146	100	
111	39.8	20.8 62.2
148	63.9	32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 48.840 ug/l

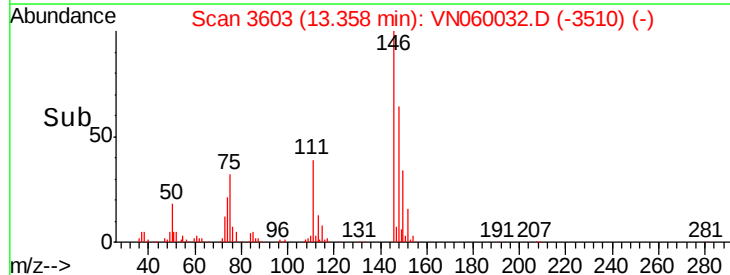
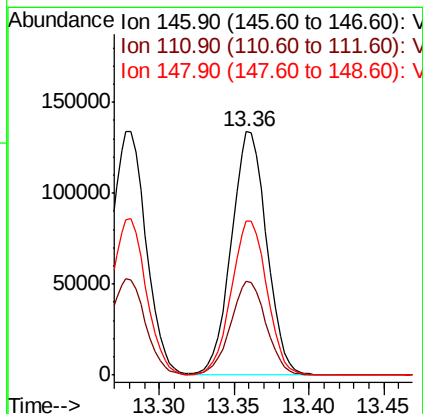
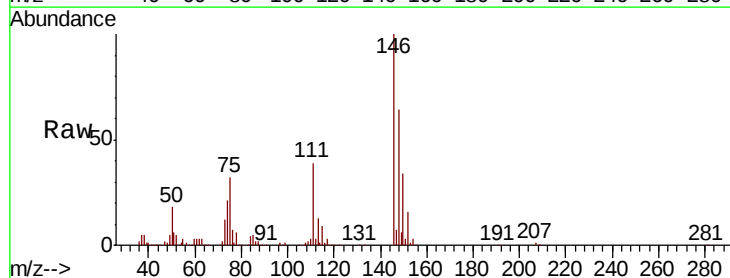
RT: 13.36 min Scan# 3603

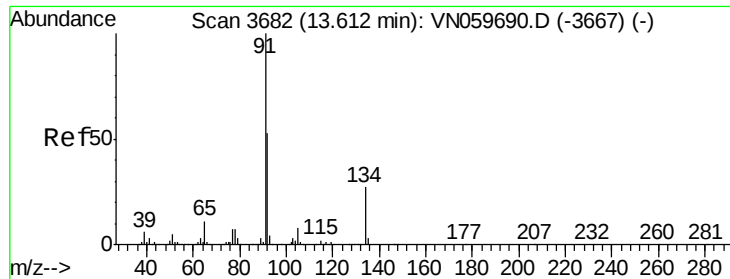
Delta R.T. 0.00 min

Lab File: VN060032.D

Acq: 7 Feb 2020 16:06

Tgt Ion:146	Resp:	219663
Ion Ratio	Lower	Upper
146	100	
111	38.6	20.8 62.2
148	64.3	31.8 95.4

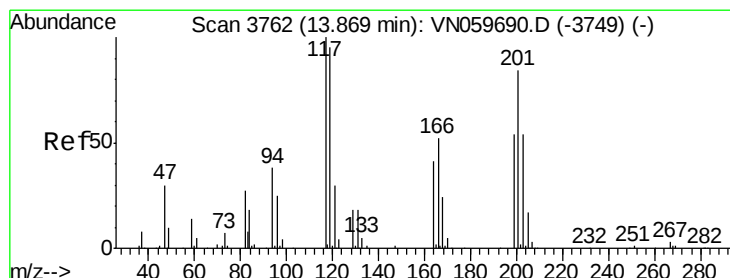
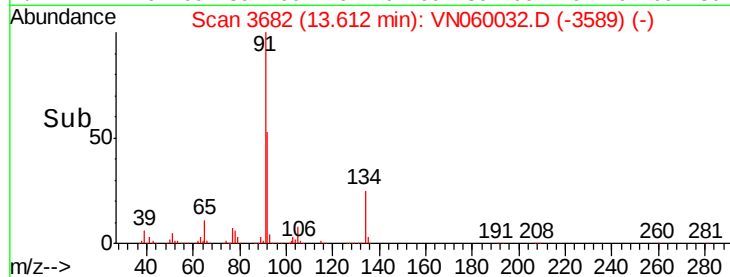
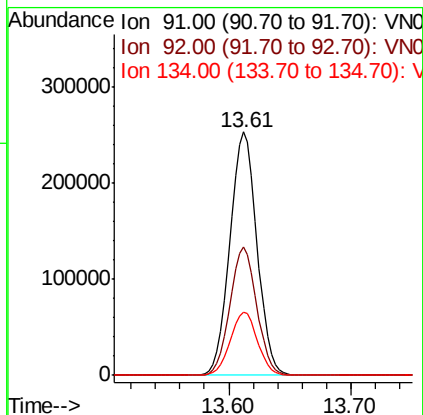
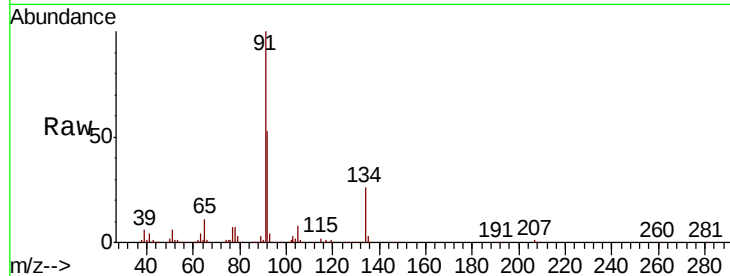




#89
n-Butylbenzene
Concen: 50.921 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

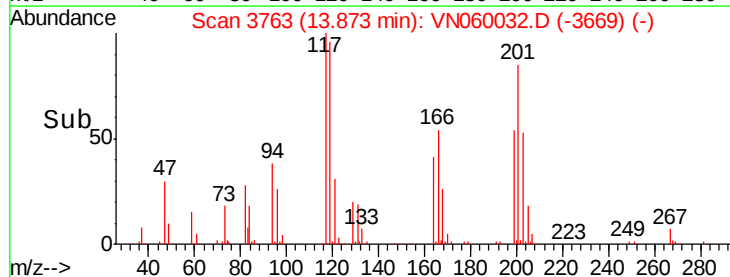
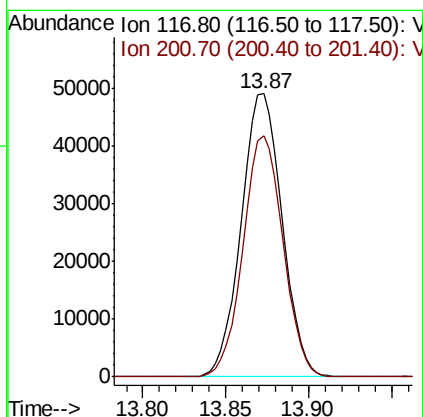
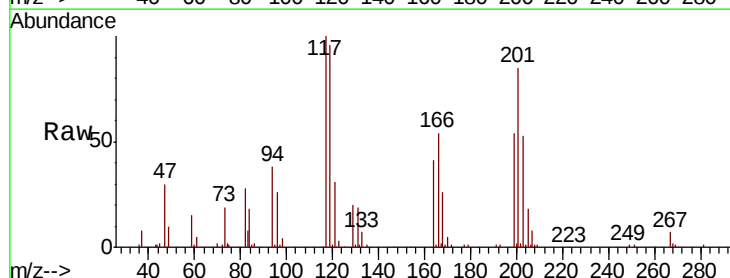
Instrument :
MSVOA_N
ClientSampleId :

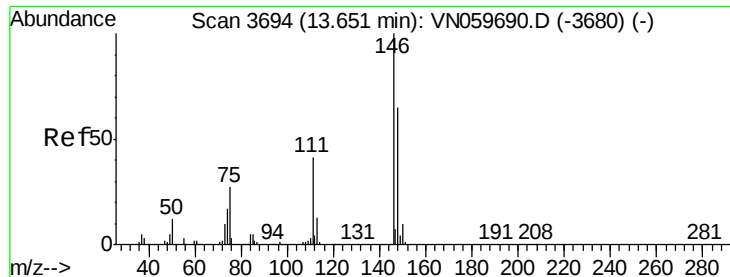
Tot Ion: 91 Resp: 393475
Ion Ratio Lower Upper
91 100
92 52.0 25.9 77.7
134 26.1 12.3 36.8



#90
Hexachloroethane
Concen: 49.572 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

Tgt Ion: 117 Resp: 84055
Ion Ratio Lower Upper
117 100
201 83.1 37.8 113.4

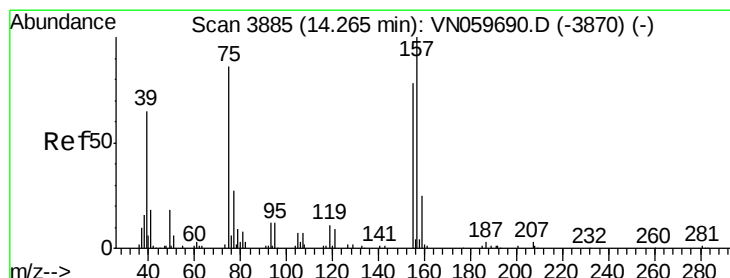
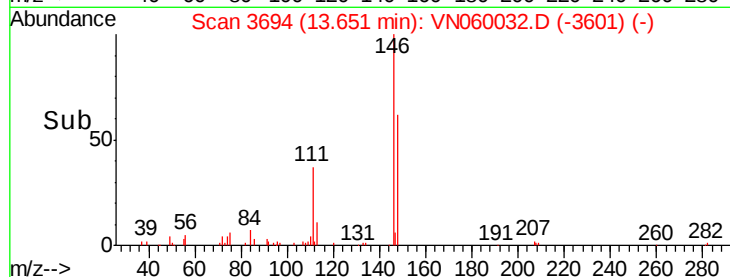
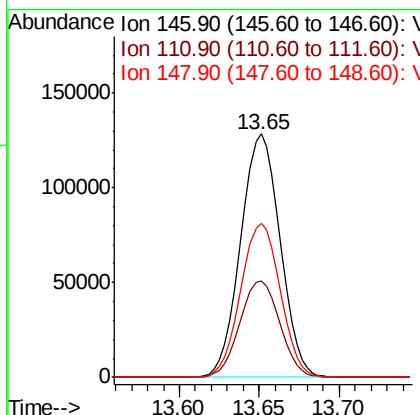
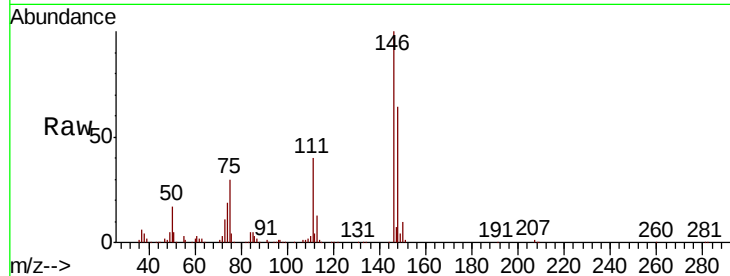




#91
 1,2-Dichlorobenzene
 Concen: 48.551 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN060032.D
 Acq: 7 Feb 2020 16:06

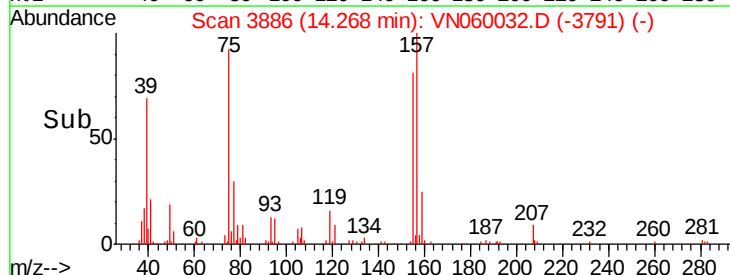
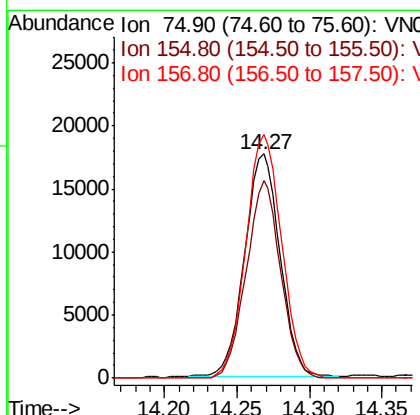
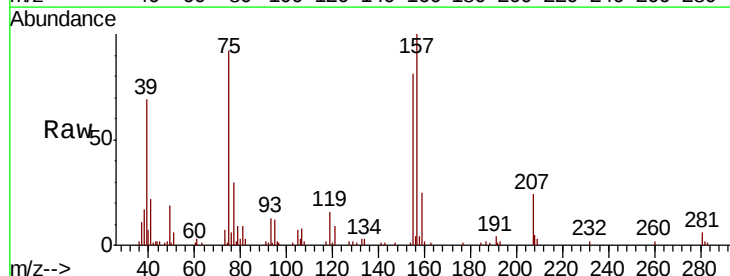
Instrument :
 MSVOA_N
 ClientSampleId :

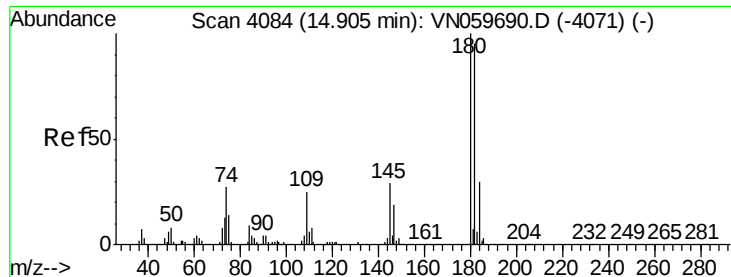
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	21.6	64.8
148	63.7	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.504 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN060032.D
 Acq: 7 Feb 2020 16:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.4	37.0	110.9
157	111.7	48.4	145.2

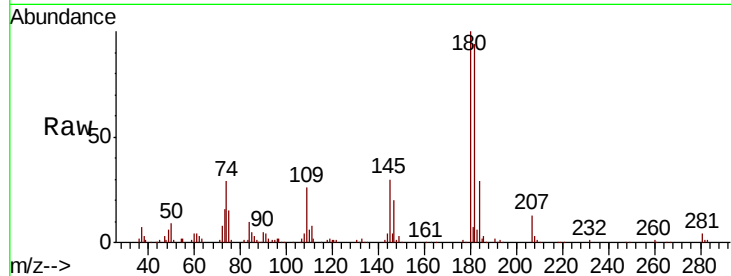




#93
 1,2,4-Trichlorobenzene
 Concen: 50.671 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060032.D
 Acq: 7 Feb 2020 16:06

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	46.9	140.7
145	30.1	15.0	45.1

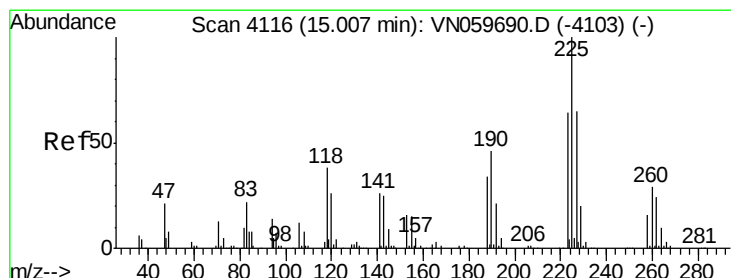
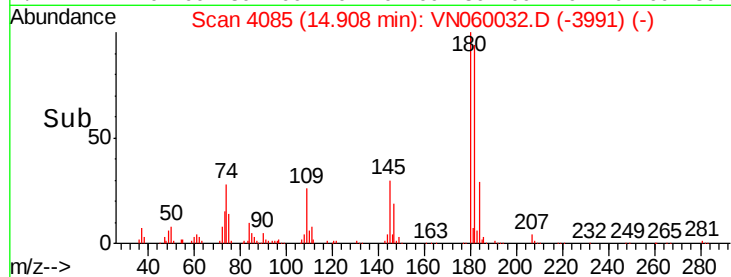
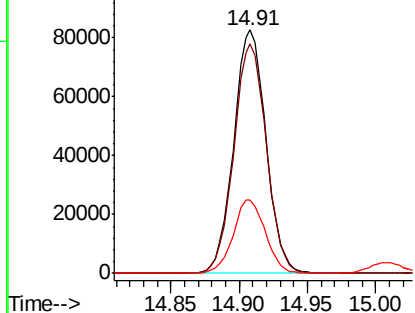


Abundance

Ion 179.80 (179.50 to 180.50): V

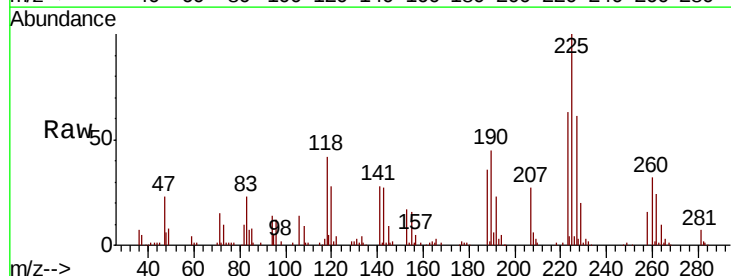
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 48.494 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060032.D
 Acq: 7 Feb 2020 16:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.8	95.3
227	63.3	32.1	96.5

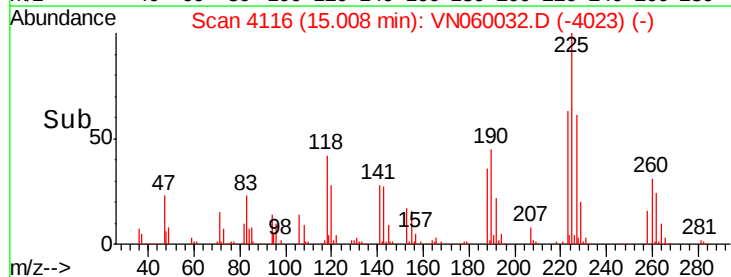
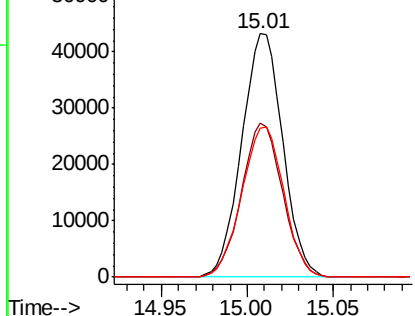


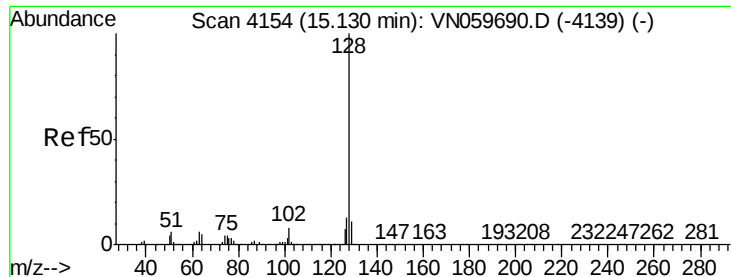
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

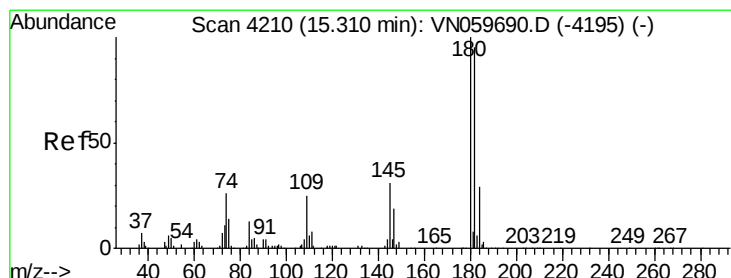
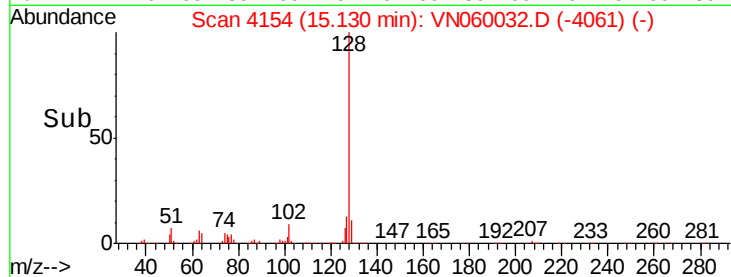
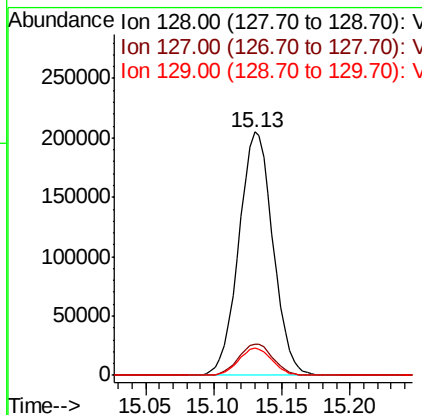
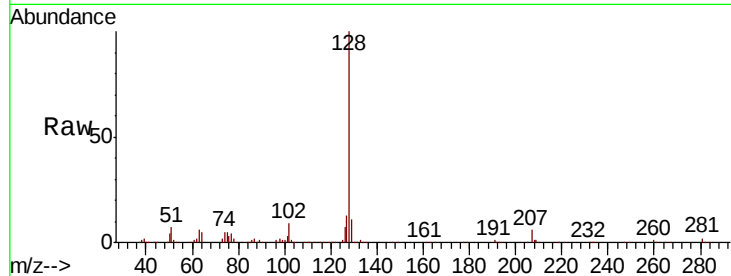




#95
Naphthalene
Concen: 46.649 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.9	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 49.960 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN060032.D
Acq: 7 Feb 2020 16:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.4	142.3
145	31.4	16.3	48.9

