

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012020\
 Data File : VN059799.D
 Acq On : 20 Jan 2020 20:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 21 01:21:18 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	194109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	301819	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	273841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	134268	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	111202	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
35) Dibromofluoromethane	7.56	113	94736	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
50) Toluene-d8	10.08	98	357183	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
62) 4-Bromofluorobenzene	12.40	95	126720	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	115999	50.694	ug/l	99
3) Chloromethane	2.04	50	106531	47.937	ug/l	100
4) Vinyl Chloride	2.17	62	136500	53.683	ug/l	98
5) Bromomethane	2.53	94	78702	50.719	ug/l	98
6) Chloroethane	2.68	64	62854	52.250	ug/l	99
7) Trichlorofluoromethane	3.00	101	161433	52.866	ug/l	96
8) Diethyl Ether	3.38	74	56039	52.292	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	3.74	101	93009	54.726	ug/l	92
10) Methyl Iodide	3.93	142	142856	52.002	ug/l	95
11) Tert butyl alcohol	4.73	59	88404	243.612	ug/l	99
12) 1,1-Dichloroethene	3.72	96	89622	50.466	ug/l	89
13) Acrolein	3.58	56	69315	269.833	ug/l	100
14) Allyl chloride	4.29	41	116319	48.594	ug/l #	83
15) Acrylonitrile	4.94	53	213708	258.171	ug/l	99
16) Acetone	3.78	43	177005	240.364	ug/l	95
17) Carbon Disulfide	4.03	76	242805	47.995	ug/l	100
18) Methyl Acetate	4.29	43	132294	52.541	ug/l #	90
19) Methyl tert-butyl Ether	5.00	73	299383	51.705	ug/l	95
20) Methylene Chloride	4.52	84	101746	52.228	ug/l	88
21) trans-1,2-Dichloroethene	5.01	96	96065	50.889	ug/l	87
22) Diisopropyl ether	5.92	45	272835	50.296	ug/l #	95
23) Vinyl Acetate	5.86	43	1090427	259.630	ug/l #	94
24) 1,1-Dichloroethane	5.82	63	167291	50.472	ug/l	97
25) 2-Butanone	6.80	43	276658	226.635	ug/l	90
26) 2,2-Dichloropropane	6.79	77	149711	46.983	ug/l	94
27) cis-1,2-Dichloroethene	6.80	96	113381	52.219	ug/l	86
28) Bromochloromethane	7.17	49	63790	48.152	ug/l #	71
29) Tetrahydrofuran	7.18	42	182618	241.787	ug/l #	86
30) Chloroform	7.35	83	179554	52.283	ug/l	99
31) Cyclohexane	7.63	56	147049	46.105	ug/l	88
32) 1,1,1-Trichloroethane	7.55	97	167384	52.714	ug/l	96
36) 1,1-Dichloropropene	7.77	75	130524	49.660	ug/l	95
37) Ethyl Acetate	6.89	43	114946	46.628	ug/l	95
38) Carbon Tetrachloride	7.75	117	149182	52.178	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012020\
 Data File : VN059799.D
 Acq On : 20 Jan 2020 20:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 21 01:21:18 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	162049	50.002	ug/l	90
40) Benzene	8.02	78	394762	50.361	ug/l	99
41) Methacrylonitrile	7.18	41	169293	139.424	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	136481	51.352	ug/l	96
43) Isopropyl Acetate	8.14	43	204531	48.236	ug/l #	94
44) Trichloroethene	8.82	130	110538	51.656	ug/l	94
45) 1,2-Dichloropropane	9.10	63	100123	51.618	ug/l	100
46) Dibromomethane	9.19	93	72396	52.911	ug/l	91
47) Bromodichloromethane	9.39	83	144776	52.507	ug/l	98
48) Methyl methacrylate	9.18	41	91286	48.131	ug/l	89
49) 1,4-Dioxane	9.18	88	36264	1044.460	ug/l	90
51) 4-Methyl-2-Pentanone	9.97	43	595945	243.132	ug/l	94
52) Toluene	10.14	92	257749	52.057	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	158652	51.531	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	170719	52.701	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	101088	51.549	ug/l	99
56) Ethyl methacrylate	10.42	69	150003	50.061	ug/l	93
57) 1,3-Dichloropropane	10.70	76	163765	52.601	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	249878	276.865	ug/l #	90
59) 2-Hexanone	10.74	43	434334	240.528	ug/l	93
60) Dibromochloromethane	10.89	129	120469	53.947	ug/l	100
61) 1,2-Dibromoethane	10.99	107	109115	53.088	ug/l	99
64) Tetrachloroethene	10.62	164	96748	43.349	ug/l	95
65) Chlorobenzene	11.43	112	281611	52.320	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	110630	53.194	ug/l	99
67) Ethyl Benzene	11.50	91	500679	51.242	ug/l	97
68) m/p-Xylenes	11.62	106	384364	104.140	ug/l	93
69) o-Xylene	11.94	106	186391	51.584	ug/l	93
70) Styrene	11.96	104	314727	52.052	ug/l	96
71) Bromoform	12.12	173	91151	54.715	ug/l #	98
73) Isopropylbenzene	12.24	105	498184	50.592	ug/l	99
74) N-amyl acetate	12.06	43	182780	47.836	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	150027	52.555	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	190331	84.232	ug/l #	100
77) Bromobenzene	12.52	156	127541	51.146	ug/l	82
78) n-propylbenzene	12.59	91	559050	50.582	ug/l	97
79) 2-Chlorotoluene	12.67	91	326555	49.666	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	419136	50.612	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	51704	49.139	ug/l	95
82) 4-Chlorotoluene	12.77	91	334643	50.743	ug/l	96
83) tert-Butylbenzene	12.99	119	368774	51.487	ug/l	93
84) 1,2,4-Trimethylbenzene	13.04	105	419053	51.148	ug/l	98
85) sec-Butylbenzene	13.17	105	477124	50.702	ug/l	99
86) p-Isopropyltoluene	13.28	119	442610	50.832	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	225646	52.092	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	223191	51.650	ug/l	97
89) n-Butylbenzene	13.61	91	373727	50.339	ug/l	98
90) Hexachloroethane	13.87	117	83203	51.072	ug/l	87
91) 1,2-Dichlorobenzene	13.65	146	221353	51.690	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	30453	49.688	ug/l	78

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012020\
Data File : VN059799.D
Acq On : 20 Jan 2020 20:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 21 01:21:18 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

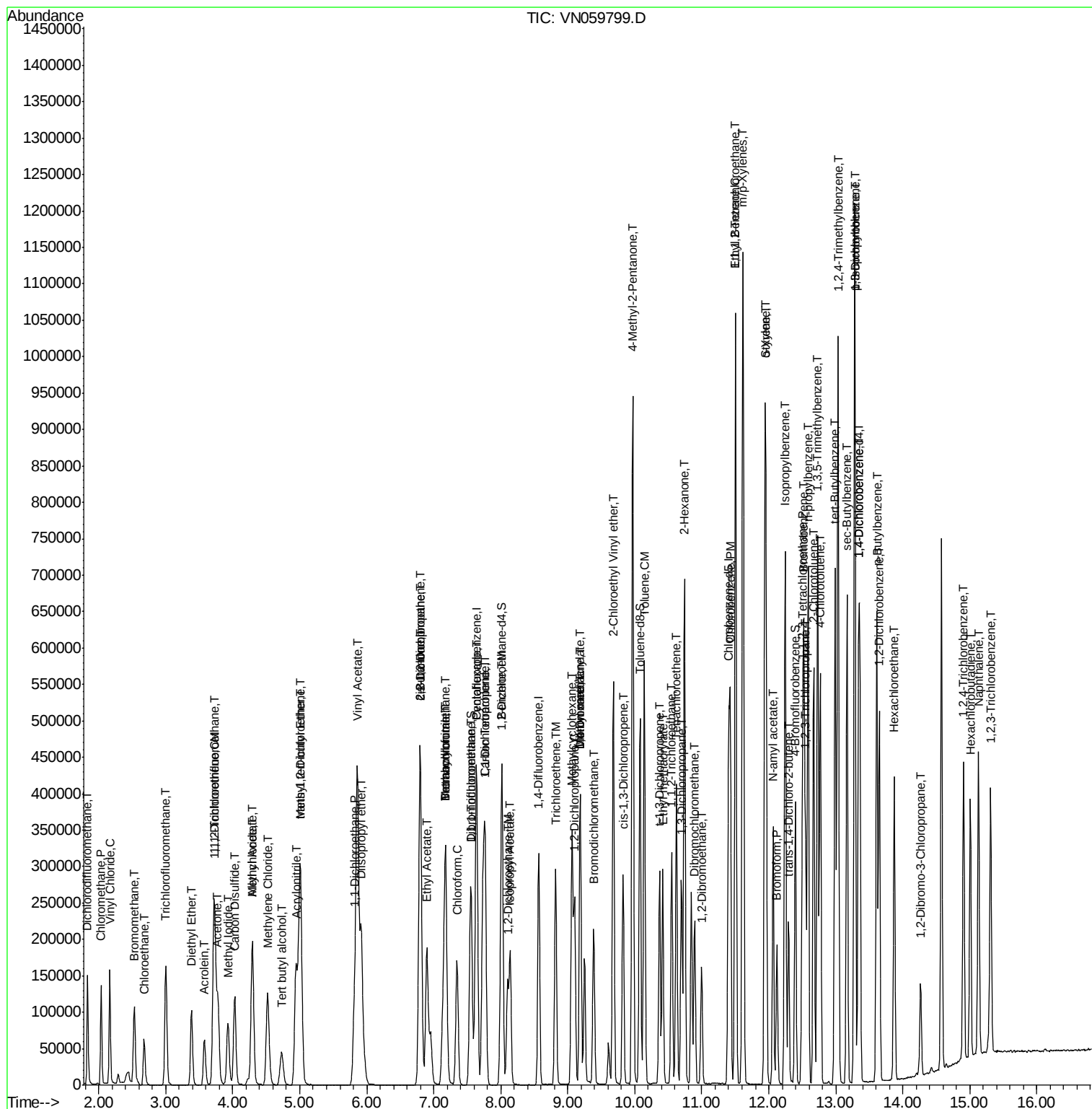
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	134061	52.100	ug/l	98
94) Hexachlorobutadiene	15.01	225	69363	48.917	ug/l	99
95) Naphthalene	15.13	128	367723	50.242	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	127614	50.951	ug/l	99

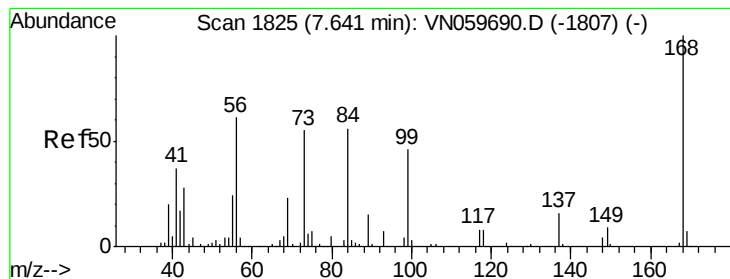
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012020\
Data File : VN059799.D
Acq On : 20 Jan 2020 20:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 21 01:21:18 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059799.D

Acq: 20 Jan 2020 20:01

Instrument :

MSVOA_N

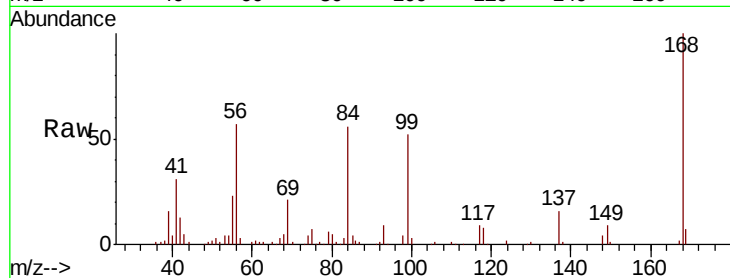
ClientSampled :

Tot Ion:168 Resp: 194109

Ion Ratio Lower Upper

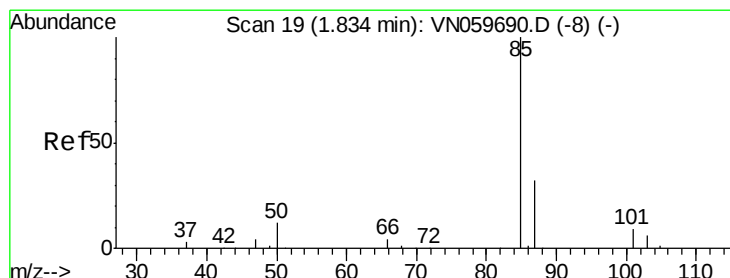
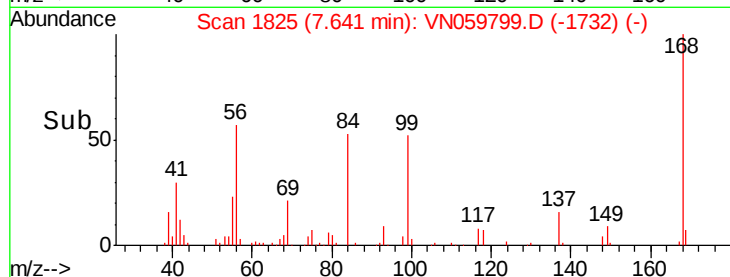
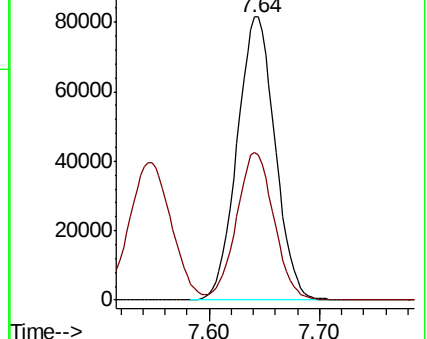
168 100

99 52.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 50.694 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN059799.D

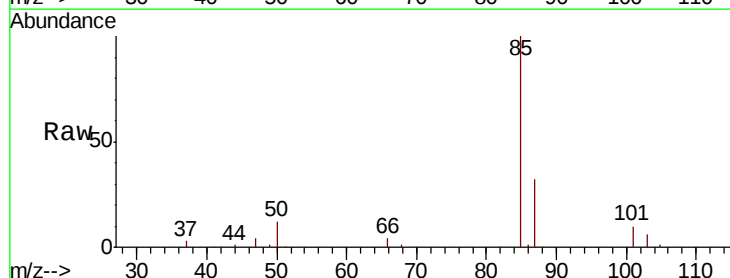
Acq: 20 Jan 2020 20:01

Tgt Ion: 85 Resp: 115999

Ion Ratio Lower Upper

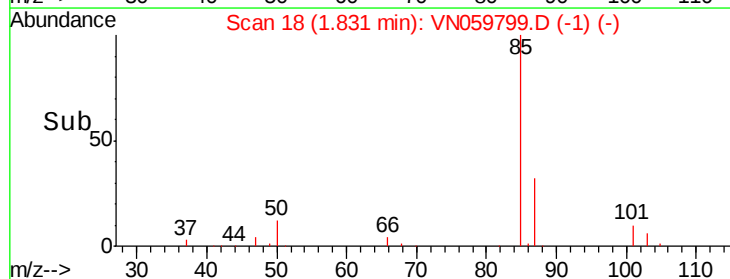
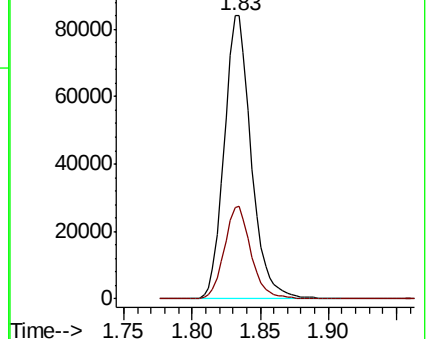
85 100

87 32.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 47.937 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059799.D

Acq: 20 Jan 2020 20:01

Instrument :

MSVOA_N

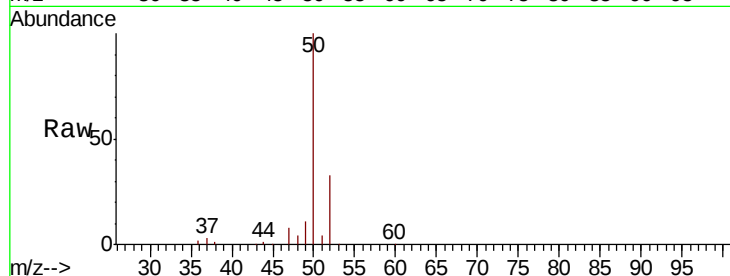
ClientSampleId :

Tot Ion: 50 Resp: 106531

Ion Ratio Lower Upper

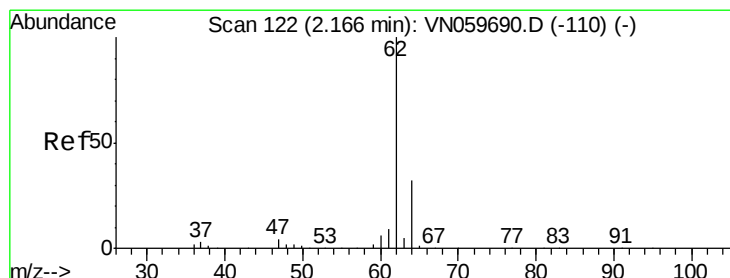
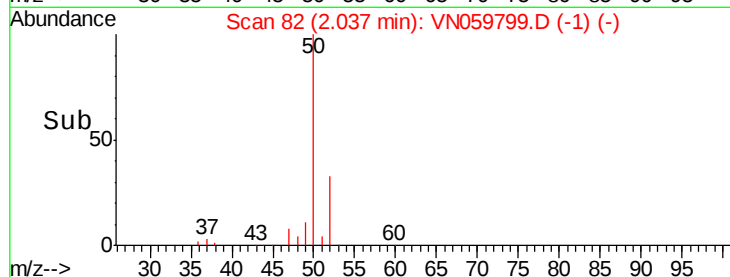
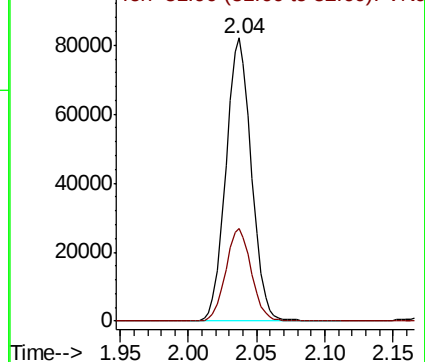
50 100

52 32.7 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 53.683 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059799.D

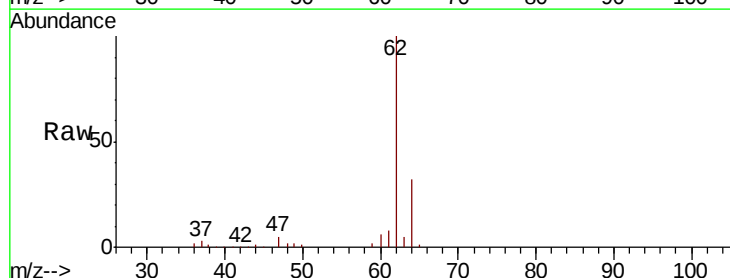
Acq: 20 Jan 2020 20:01

Tgt Ion: 62 Resp: 136500

Ion Ratio Lower Upper

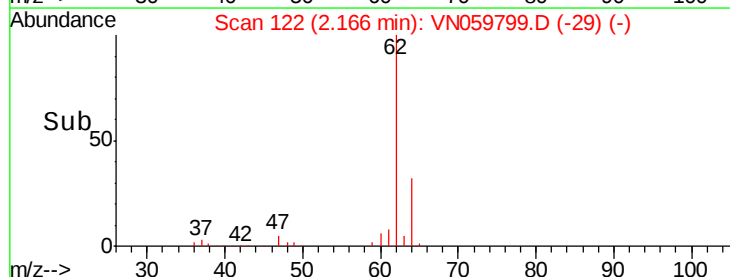
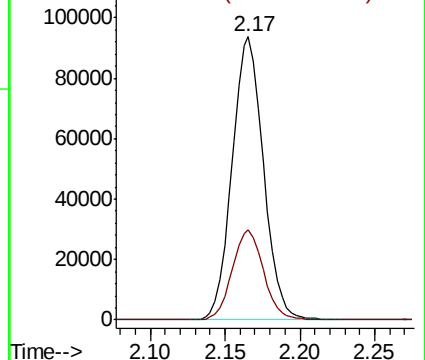
62 100

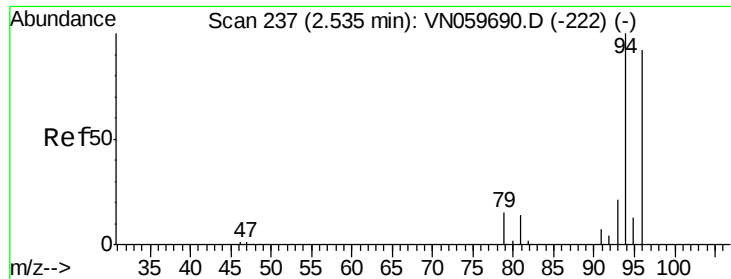
64 31.7 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

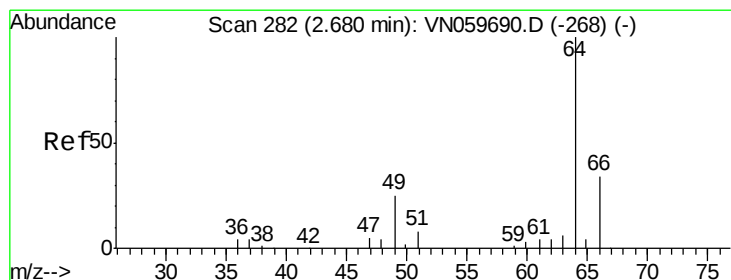
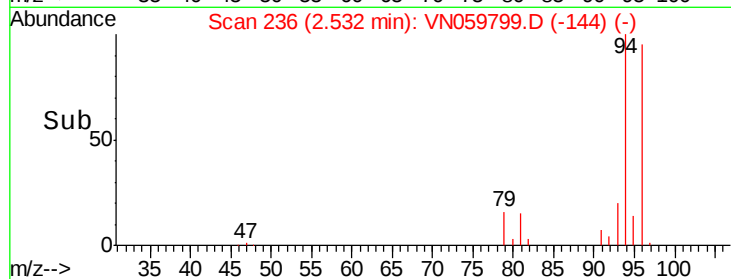
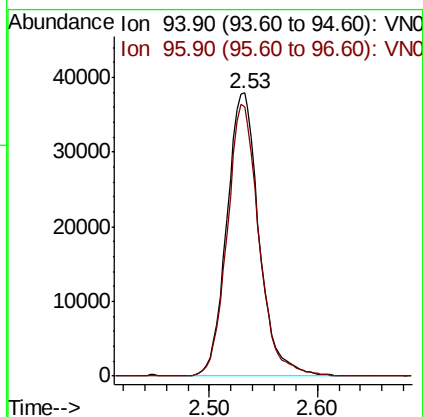
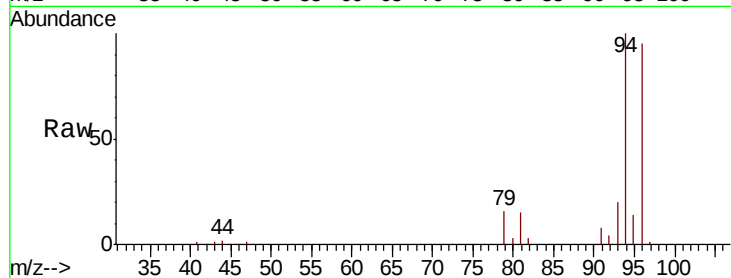




#5
Bromomethane
Concen: 50.719 ug/l
RT: 2.53 min Scan# 236
Delta R.T. -0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

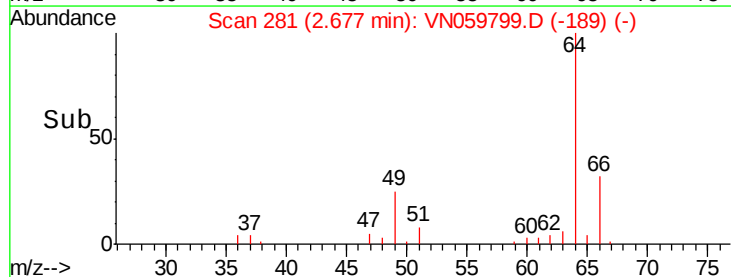
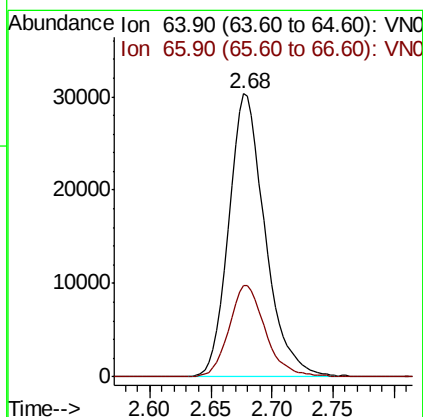
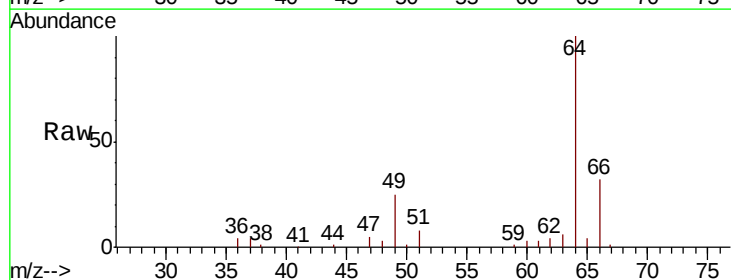
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 94 Resp: 78702
Ion Ratio Lower Upper
94 100
96 95.3 74.7 112.1



#6
Chloroethane
Concen: 52.250 ug/l
RT: 2.68 min Scan# 281
Delta R.T. -0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

Tgt Ion: 64 Resp: 62854
Ion Ratio Lower Upper
64 100
66 32.1 25.1 37.7



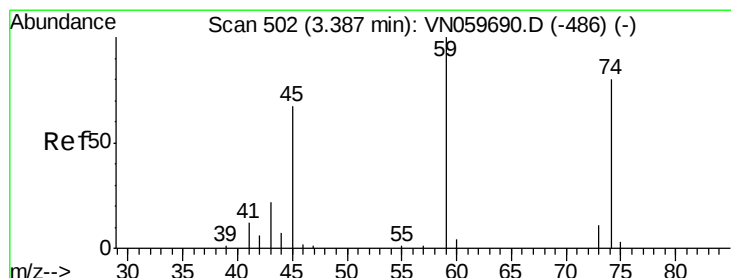
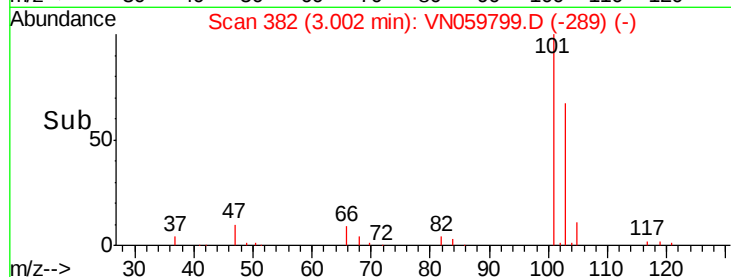
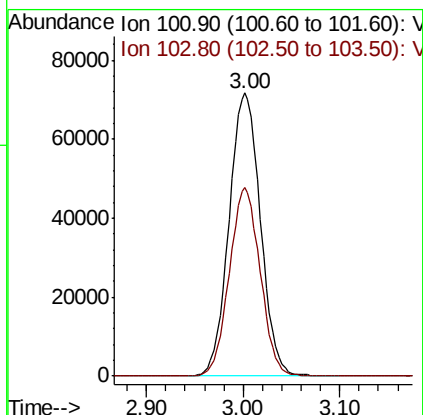
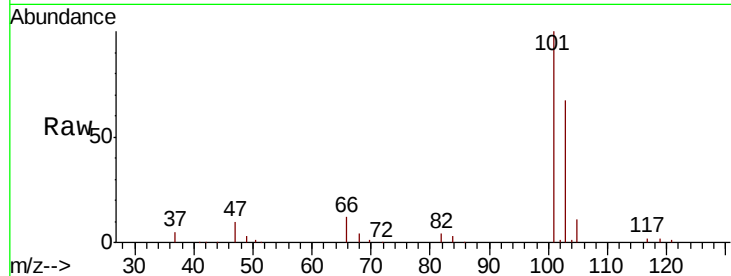


#7

Trichlorofluoromethane
Concen: 52.866 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

Instrument :
MSVOA_N
ClientSampled :

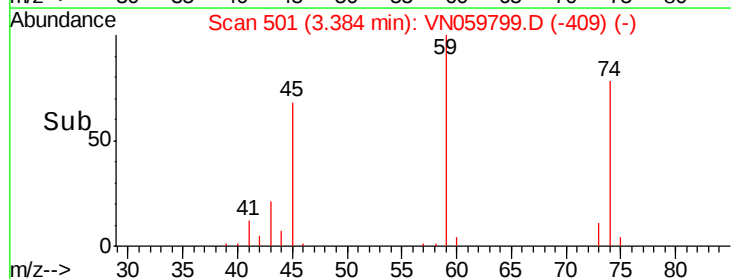
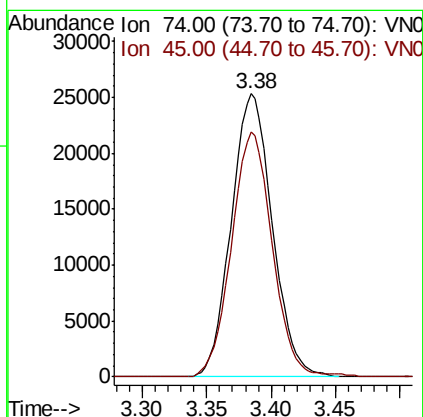
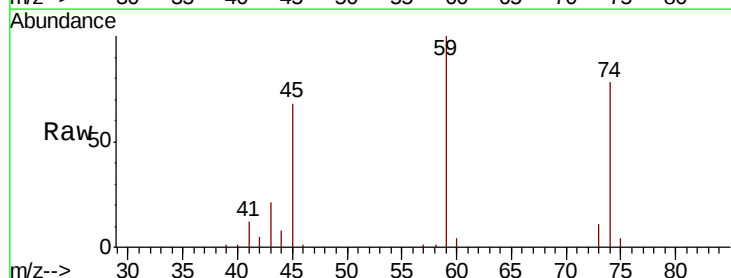
Tot Ion:101 Resp: 161433
Ion Ratio Lower Upper
101 100
103 66.8 51.0 76.6

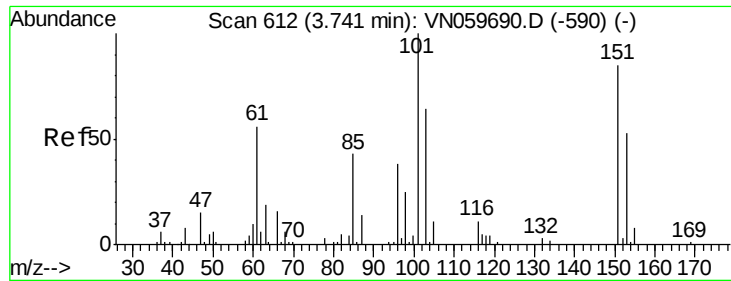


#8

Diethyl Ether
Concen: 52.292 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

Tgt Ion: 74 Resp: 56039
Ion Ratio Lower Upper
74 100
45 86.0 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.726 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN059799.D

Acq: 20 Jan 2020 20:01

Instrument :

MSVOA_N

ClientSampled :

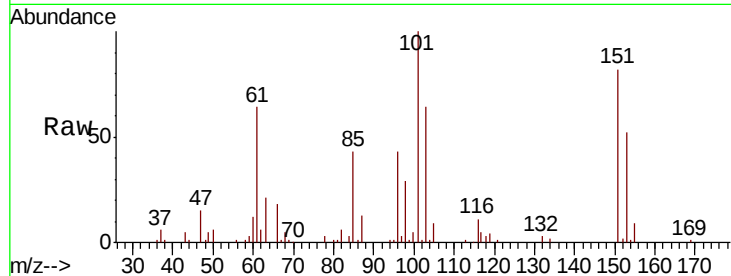
Tot Ion:101 Resp: 93009

Ion Ratio Lower Upper

101 100

85 42.4 36.6 54.8

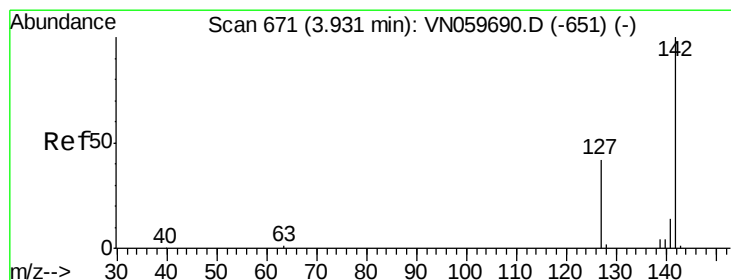
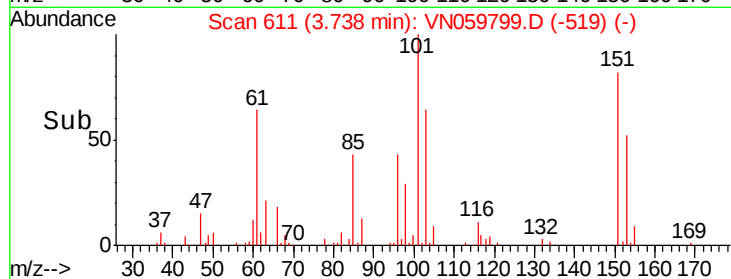
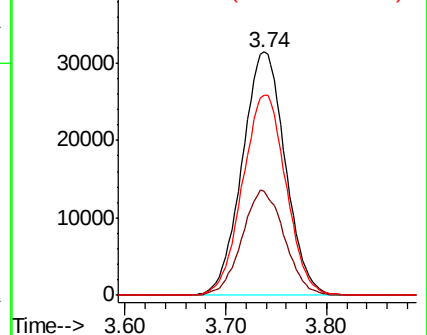
151 83.0 59.7 89.5



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: 52.002 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN059799.D

Acq: 20 Jan 2020 20:01

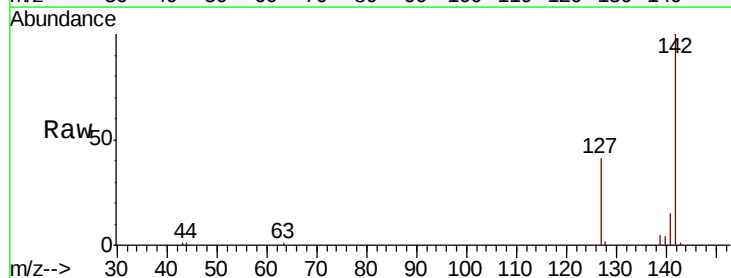
Tgt Ion:142 Resp: 142856

Ion Ratio Lower Upper

142 100

127 41.4 36.7 55.1

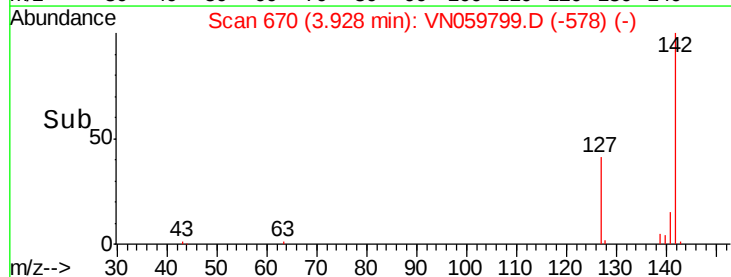
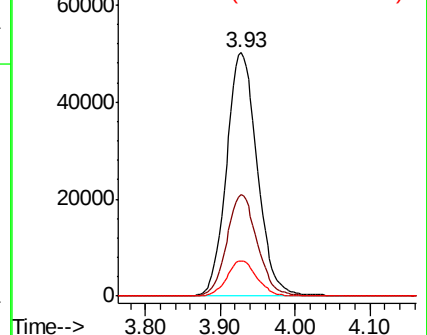
141 14.1 11.7 17.5

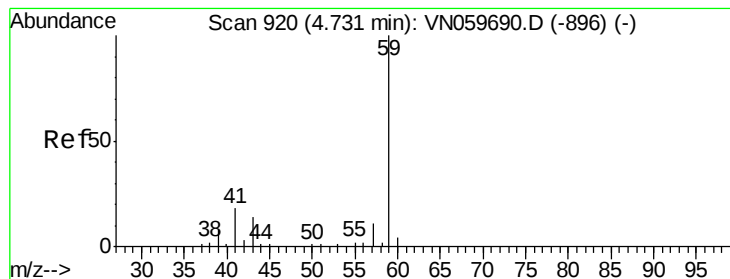


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



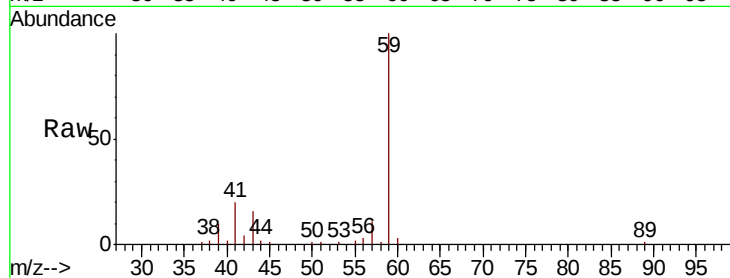


#11

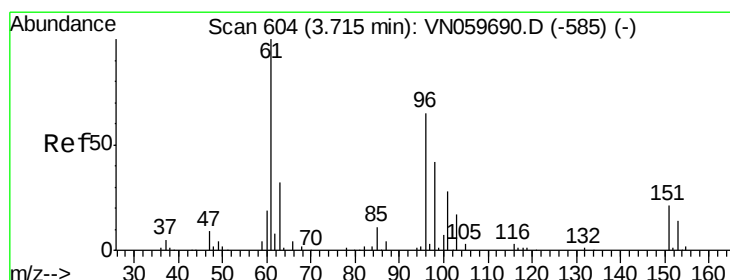
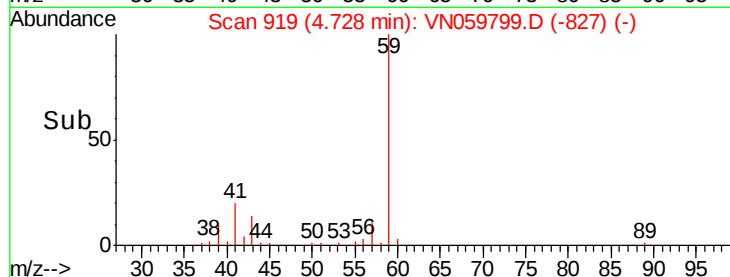
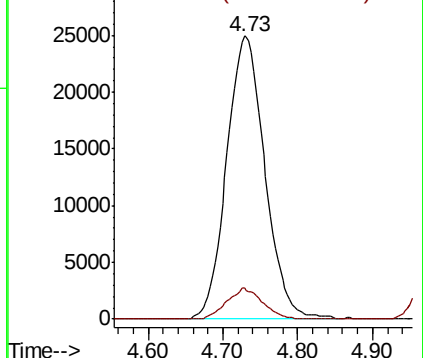
Tert butyl alcohol
Concen: 243.612 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 59 Resp: 88404
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8



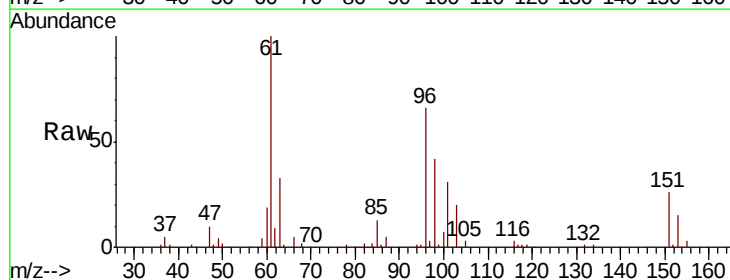
Abundance Ion 59.00 (58.70 to 59.70): VN0
Ion 57.00 (56.70 to 57.70): VN0



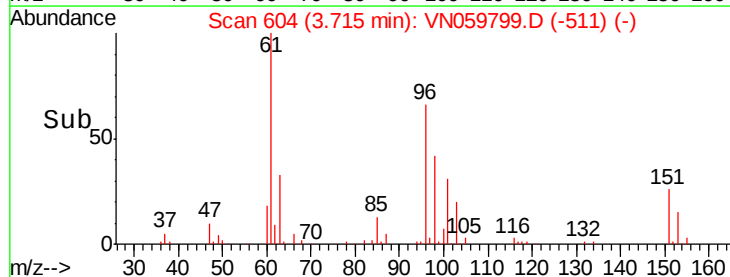
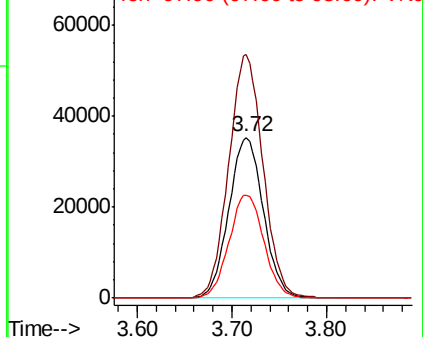
#12

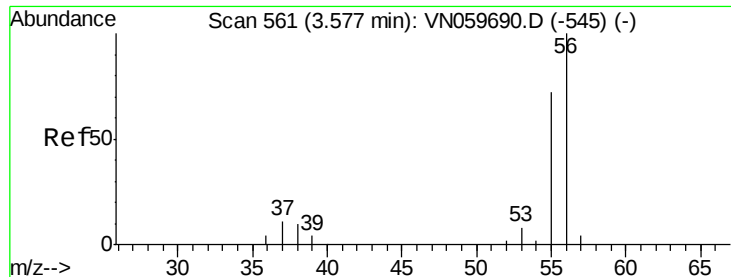
1,1-Dichloroethene
Concen: 50.466 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

Tgt Ion: 96 Resp: 89622
Ion Ratio Lower Upper
96 100
61 151.7 137.5 206.3
98 64.2 50.2 75.4



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

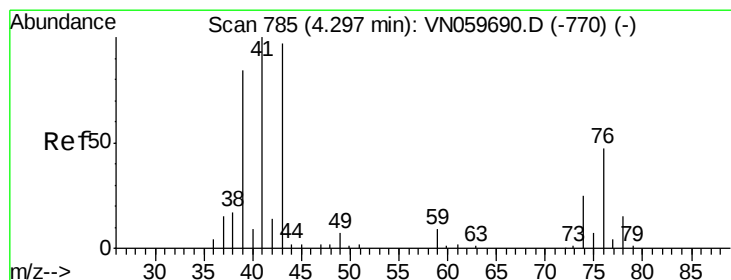
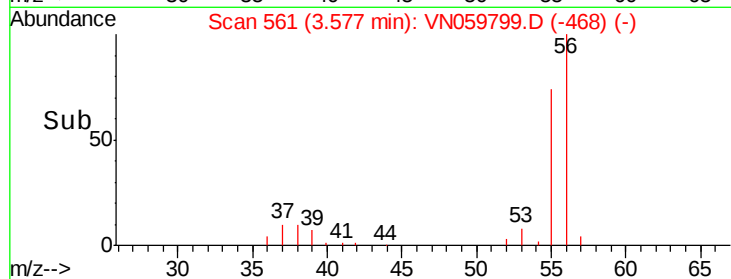
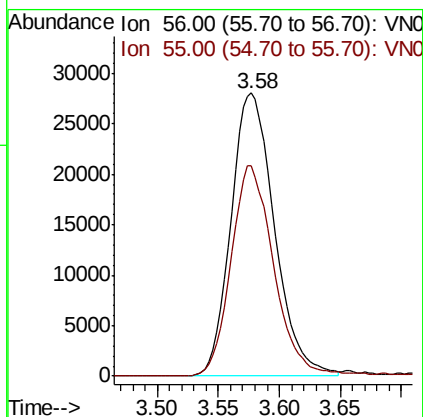
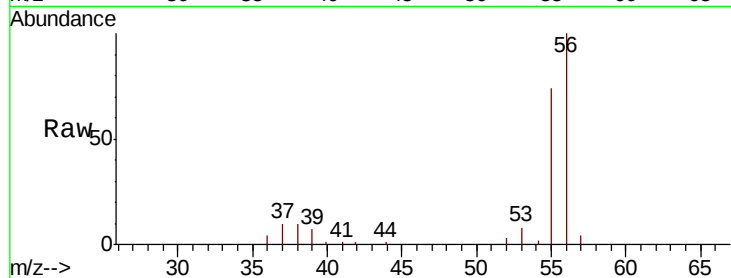




#13
 Acrolein
 Concen: 269.833 ug/l
 RT: 3.58 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VN059799.D
 Acq: 20 Jan 2020 20:01

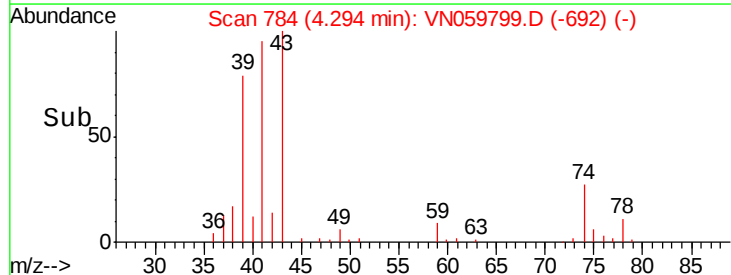
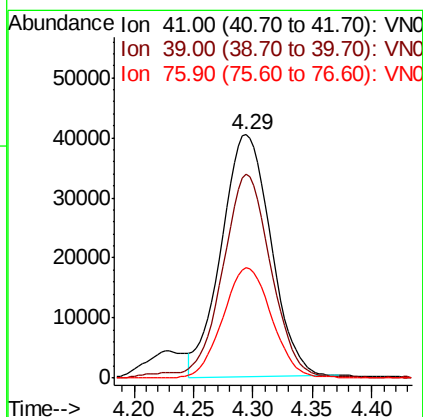
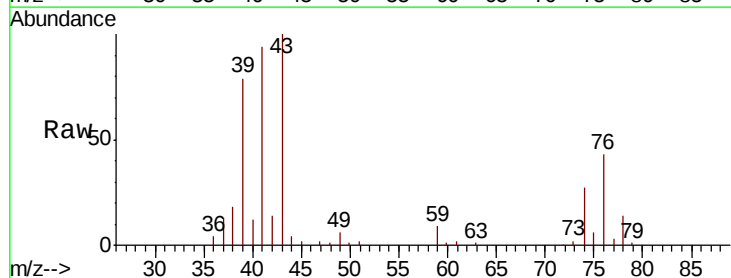
Instrument :
 MSVOA_N
 ClientSampleId :

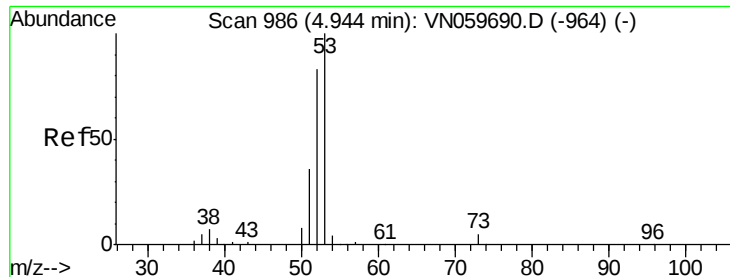
Tot Ion: 56 Resp: 69315
 Ion Ratio Lower Upper
 56 100
 55 73.0 58.6 88.0



#14
 Allyl chloride
 Concen: 48.594 ug/l
 RT: 4.29 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: VN059799.D
 Acq: 20 Jan 2020 20:01

Tgt Ion: 41 Resp: 116319
 Ion Ratio Lower Upper
 41 100
 39 83.5 57.8 86.8
 76 44.9 25.4 38.0#





#15

Acrylonitrile

Concen: 258.171 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN059799.D

Acq: 20 Jan 2020 20:01

Instrument :

MSVOA_N

ClientSampled :

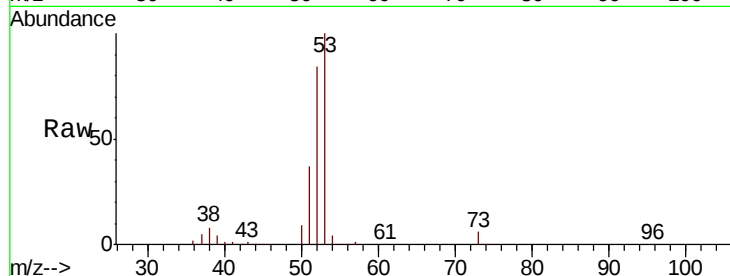
Tot Ion: 53 Resp: 213708

Ion Ratio Lower Upper

53 100

52 82.4 66.3 99.5

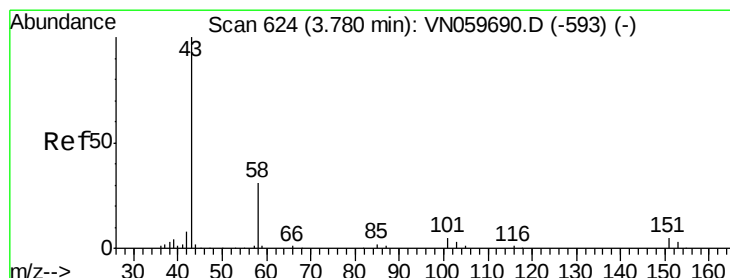
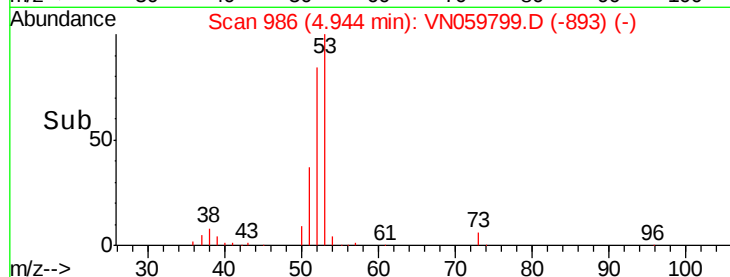
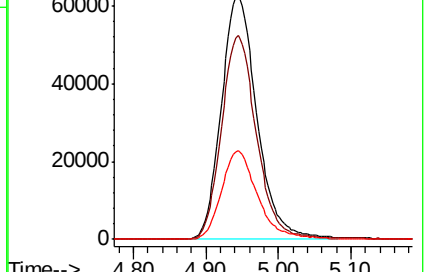
51 36.9 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN059799.D (-964) (-)

Ion 52.00 (51.70 to 52.70): VN059799.D (-964) (-)

Ion 51.00 (50.70 to 51.70): VN059799.D (-964) (-)



#16

Acetone

Concen: 240.364 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN059799.D

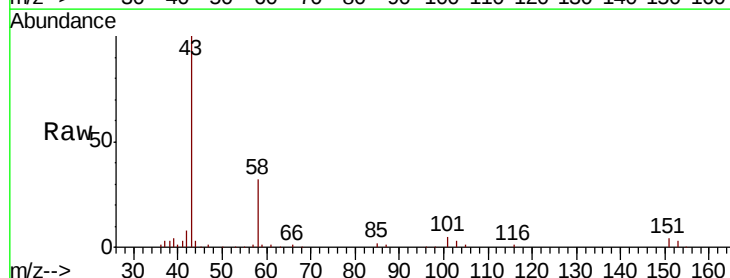
Acq: 20 Jan 2020 20:01

Tgt Ion: 43 Resp: 177005

Ion Ratio Lower Upper

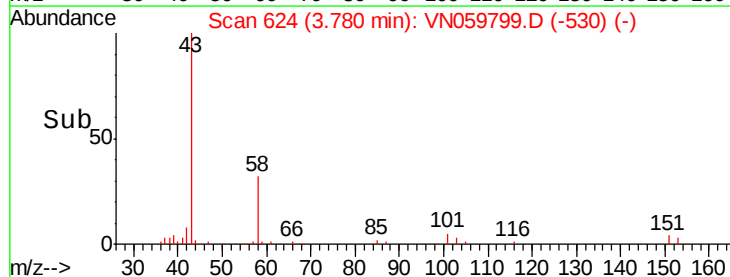
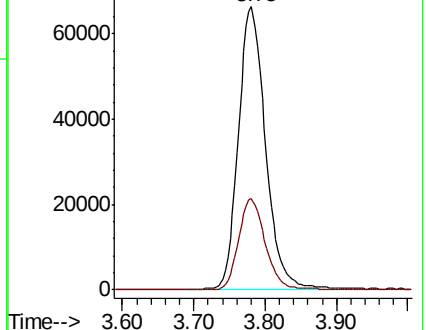
43 100

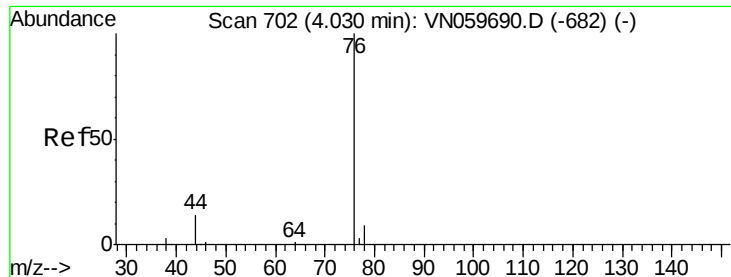
58 32.4 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059799.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN059799.D (-593) (-)

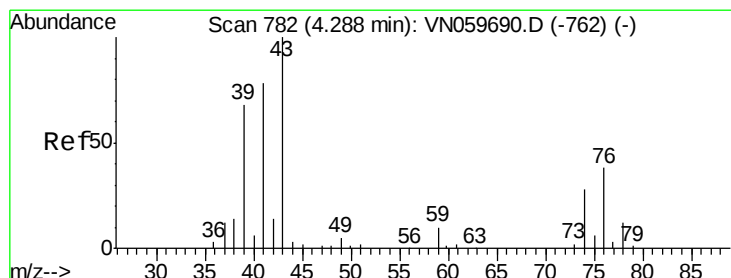
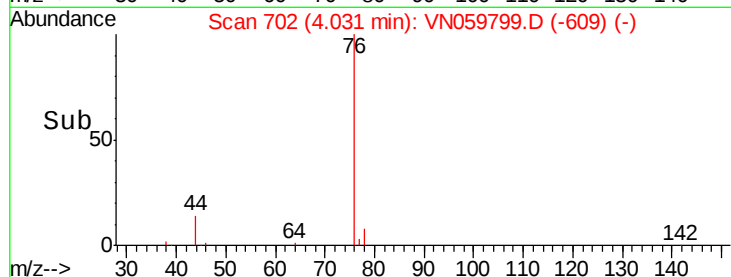
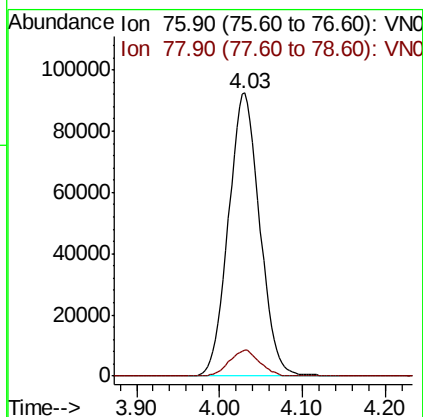
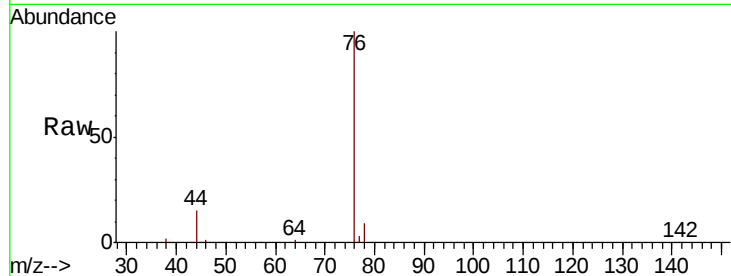




#17
Carbon Disulfide
Concen: 47.995 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

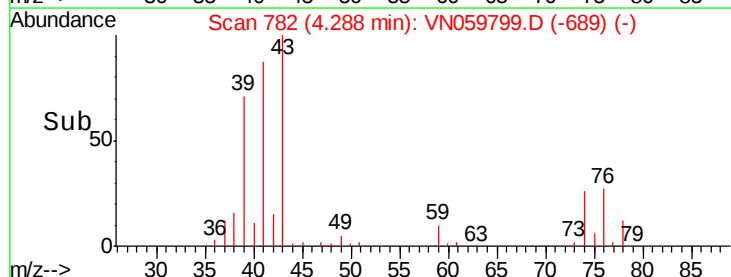
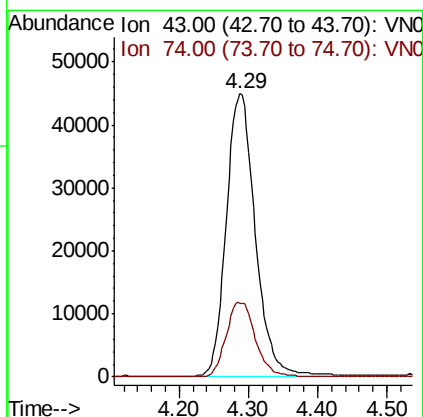
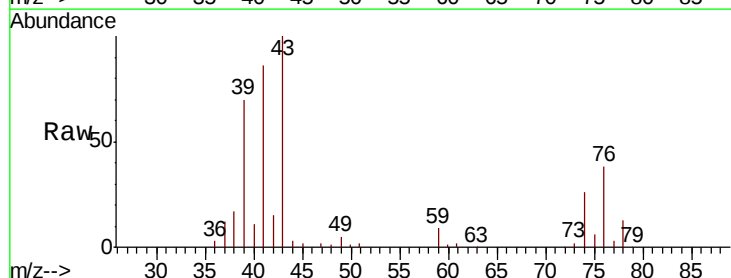
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 76 Resp: 242805
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 52.541 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

Tgt Ion: 43 Resp: 132294
Ion Ratio Lower Upper
43 100
74 26.5 17.5 26.3#

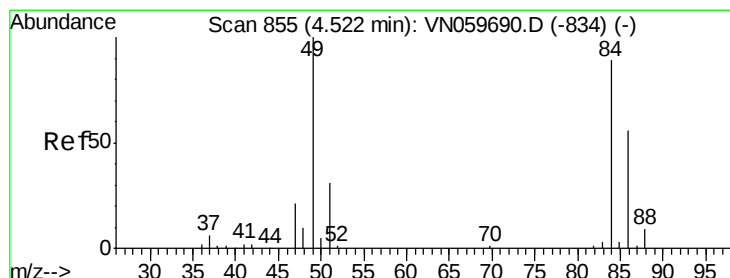
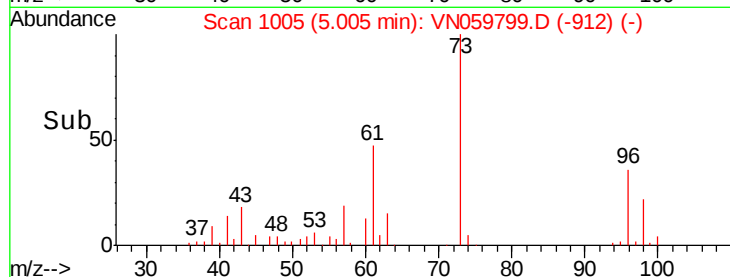
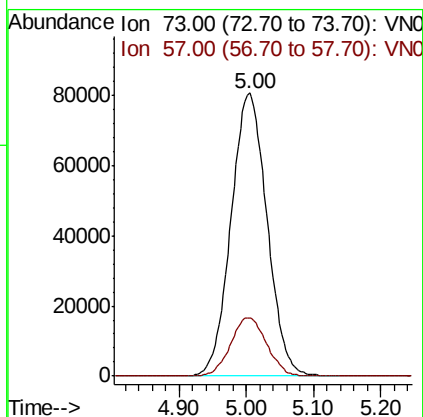
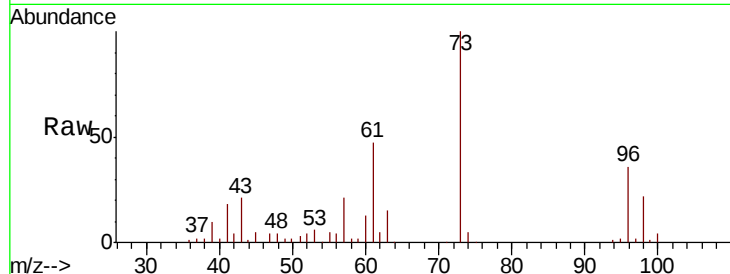




#19
Methvl tert-butvl Ether
Concen: 51.705 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

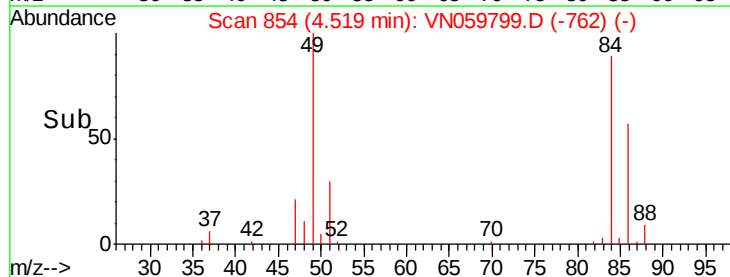
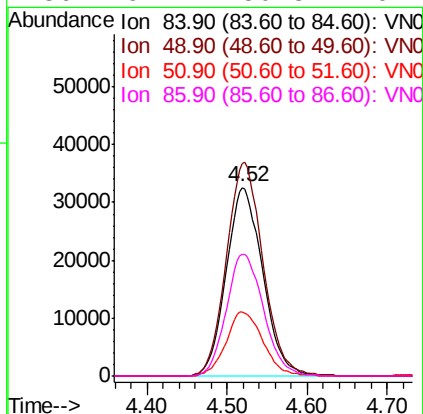
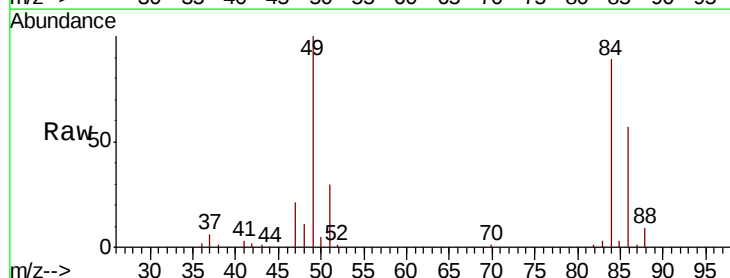
Instrument :
MSVOA_N
ClientSampleId :

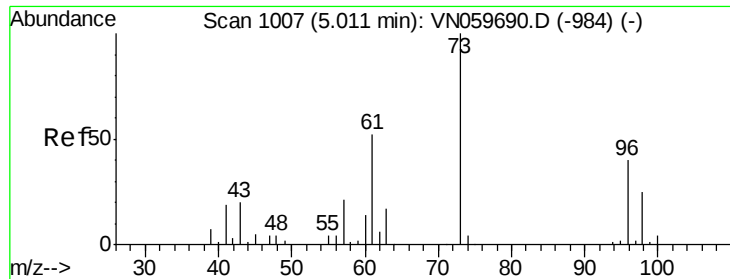
Tot Ion: 73 Resp: 299383
Ion Ratio Lower Upper
73 100
57 20.7 18.6 27.8



#20
Methylene Chloride
Concen: 52.228 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

Tgt Ion: 84 Resp: 101746
Ion Ratio Lower Upper
84 100
49 112.8 106.6 160.0
51 34.0 31.9 47.9
86 64.7 50.8 76.2

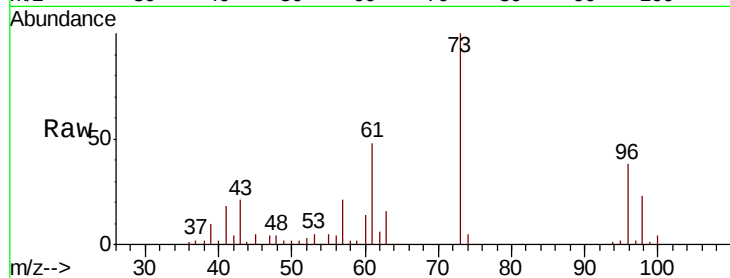




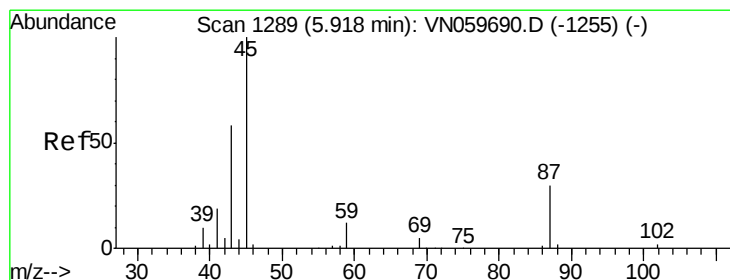
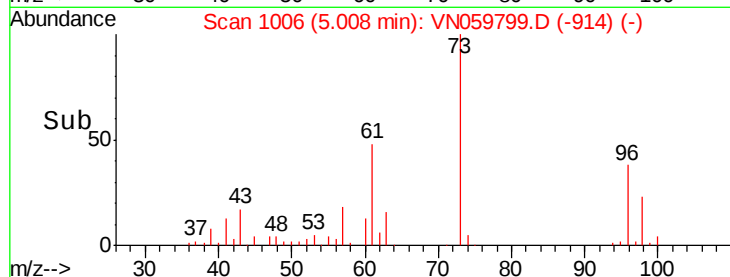
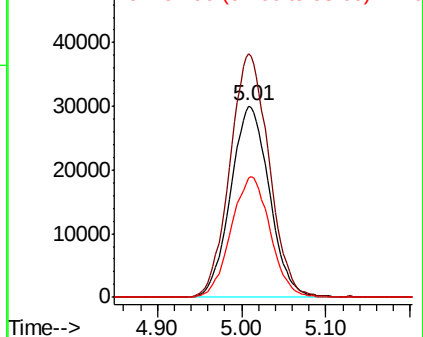
#21
trans-1,2-Dichloroethene
Concen: 50.889 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 96065
Ion Ratio Lower Upper
96 100
61 127.4 120.4 180.6
98 62.2 50.6 75.8

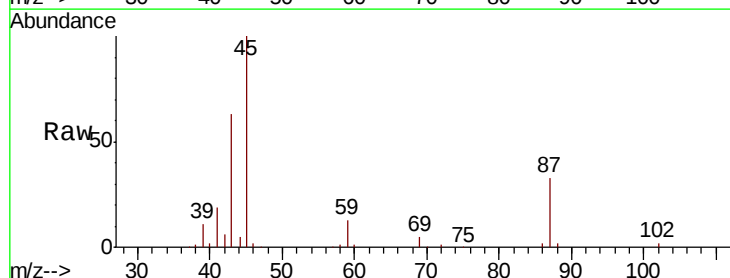


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

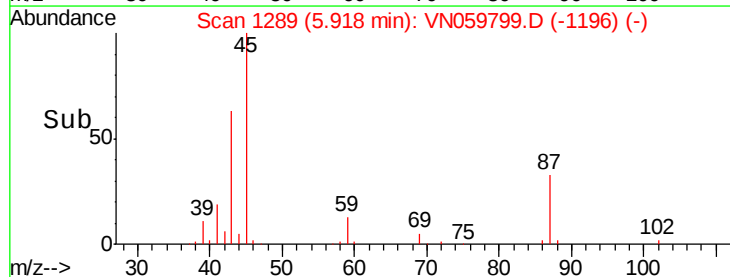
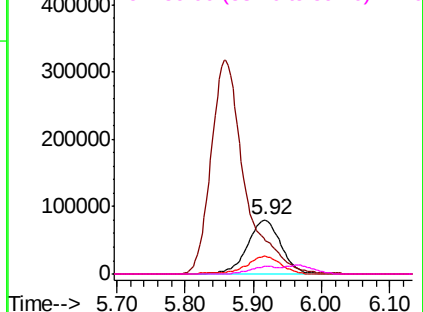


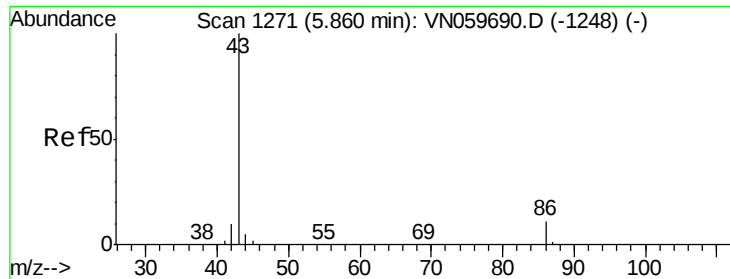
#22
Diisopropyl ether
Concen: 50.296 ug/l
RT: 5.92 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

Tgt Ion: 45 Resp: 272835
Ion Ratio Lower Upper
45 100
43 61.4 50.8 76.2
87 32.5 21.0 31.6#
59 13.2 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

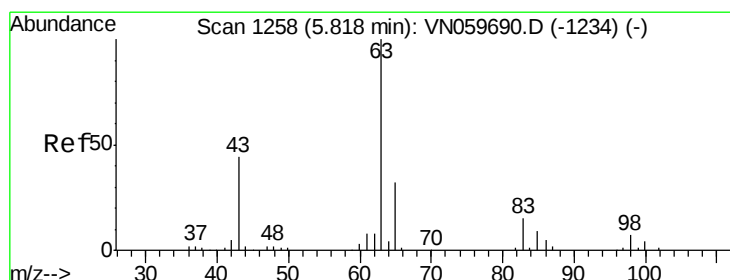
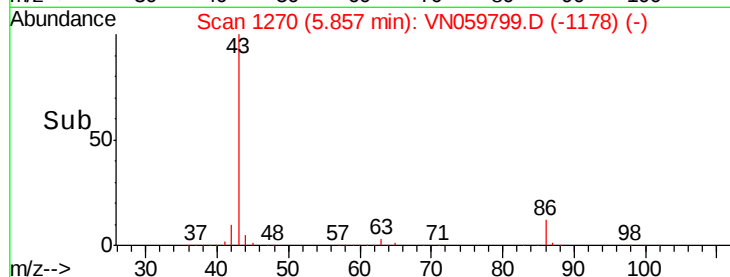
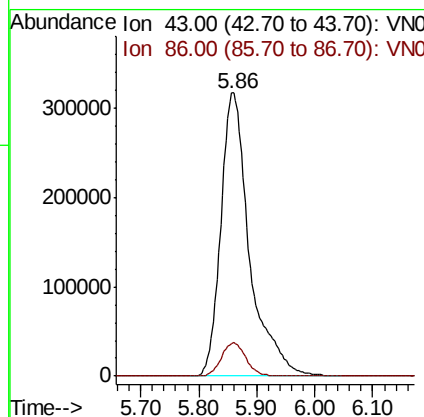
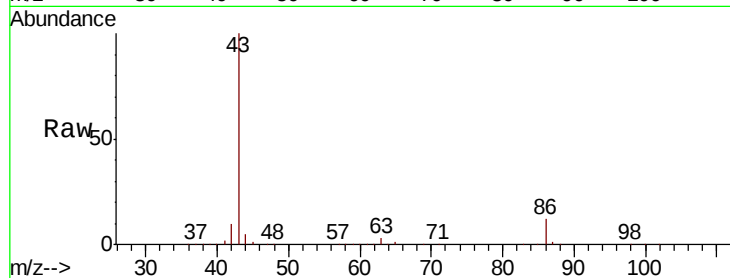




#23
 Vinyl Acetate
 Concen: 259.630 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN059799.D
 Acq: 20 Jan 2020 20:01

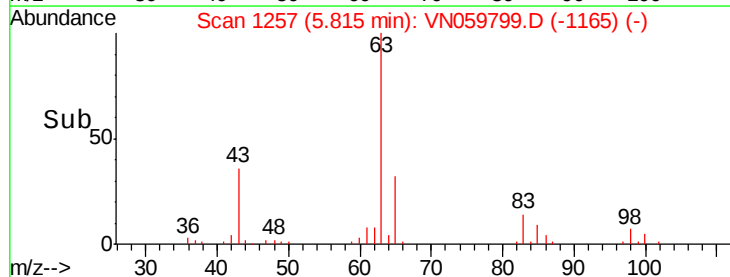
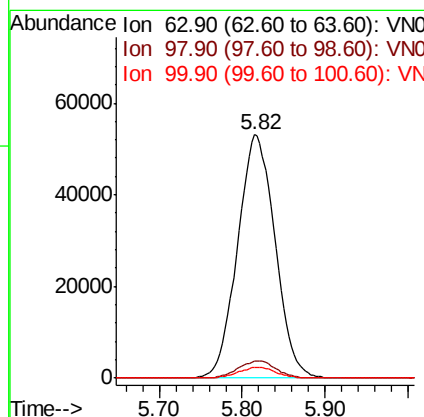
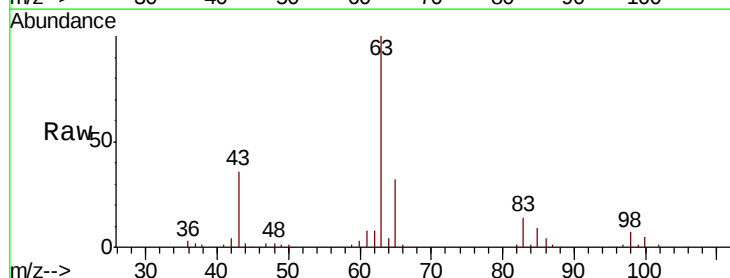
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 43 Resp: 1090427
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.6 11.4#



#24
 1,1-Dichloroethane
 Concen: 50.472 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN059799.D
 Acq: 20 Jan 2020 20:01

Tgt Ion: 63 Resp: 167291
 Ion Ratio Lower Upper
 63 100
 98 6.9 2.9 8.7
 100 4.5 2.0 6.0

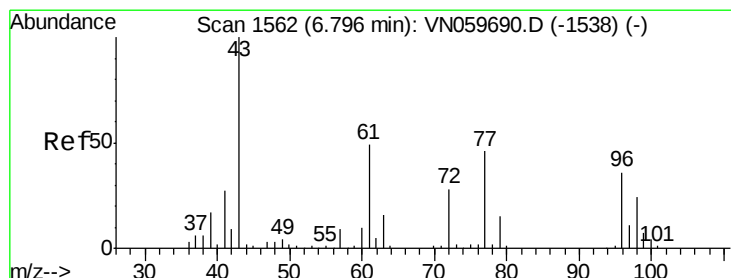
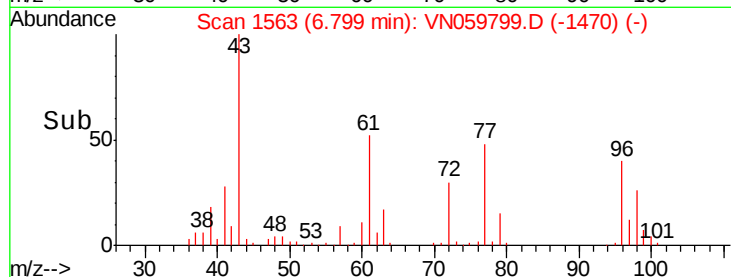
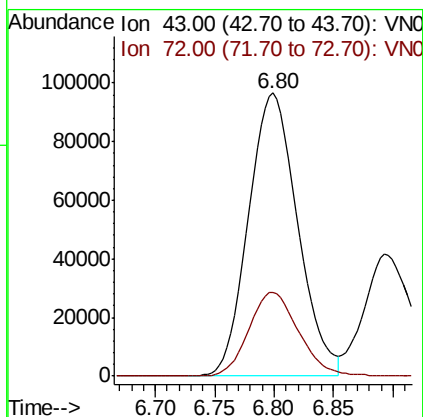
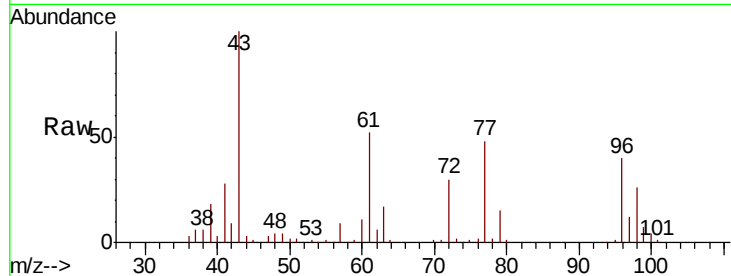




#25
2-Butanone
Concen: 226.635 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

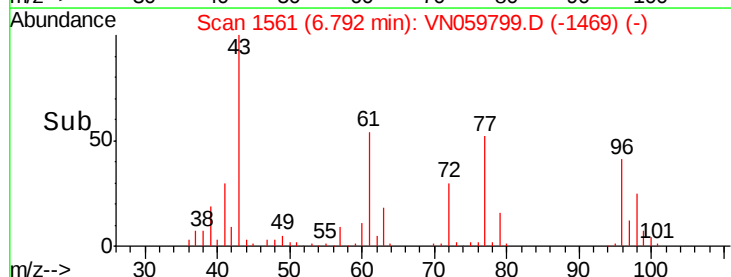
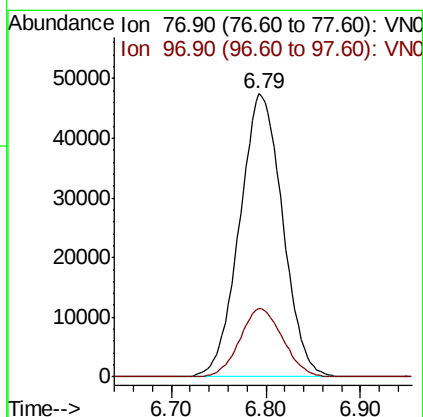
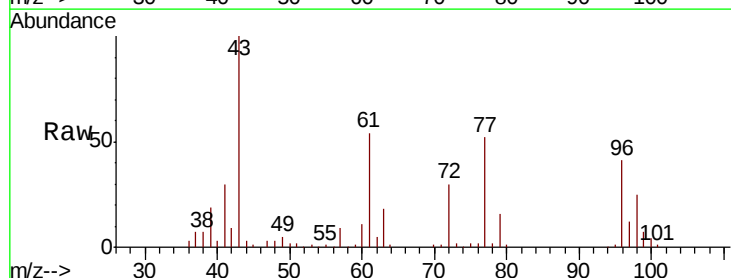
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 276658
Ion Ratio Lower Upper
43 100
72 29.7 19.9 29.9



#26
2,2-Dichloropropane
Concen: 46.983 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

Tgt Ion: 77 Resp: 149711
Ion Ratio Lower Upper
77 100
97 24.1 10.7 31.9



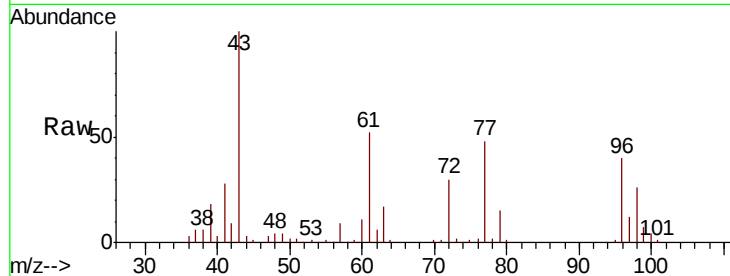


#27

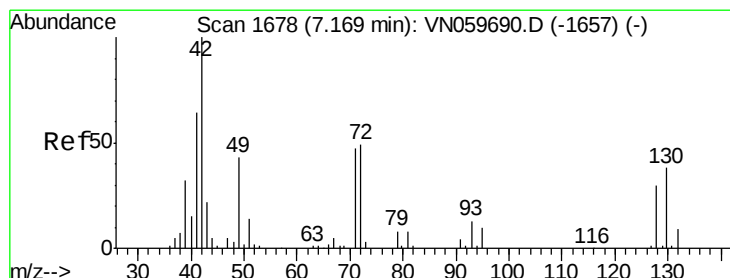
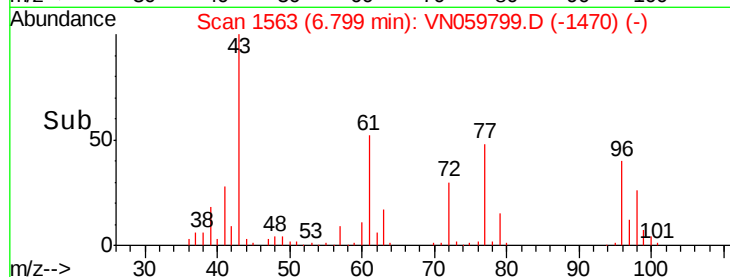
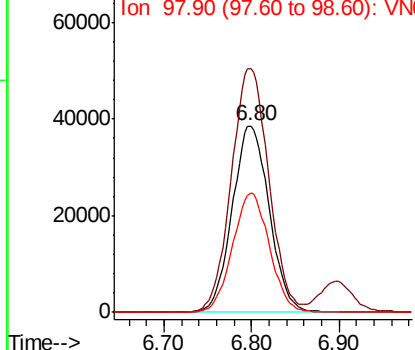
cis-1,2-Dichloroethene
Concen: 52.219 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 113381
Ion Ratio Lower Upper
96 100
61 132.5 0.0 317.6
98 63.6 0.0 127.0



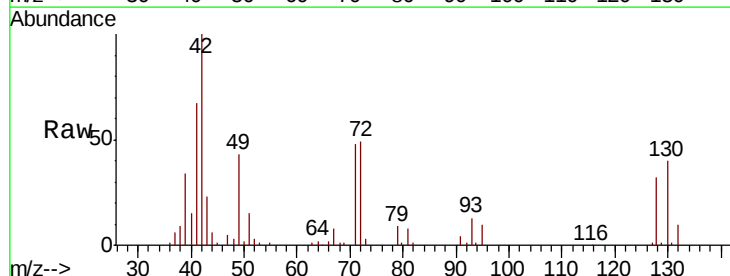
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



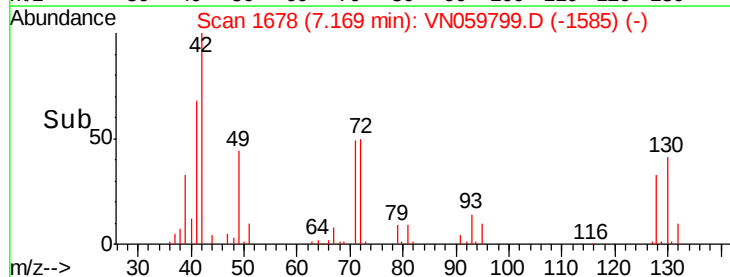
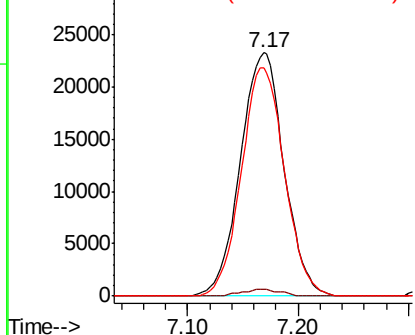
#28

Bromochloromethane
Concen: 48.152 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

Tgt Ion: 49 Resp: 63790
Ion Ratio Lower Upper
49 100
129 2.4 0.0 3.4
130 92.6 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

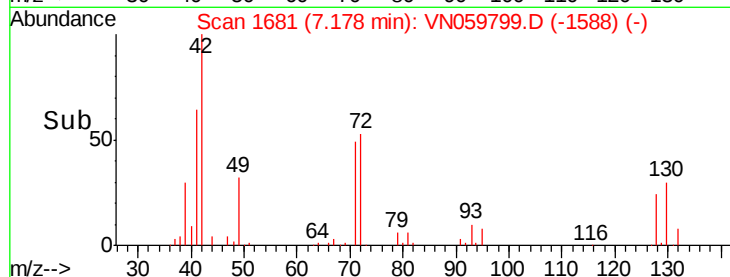
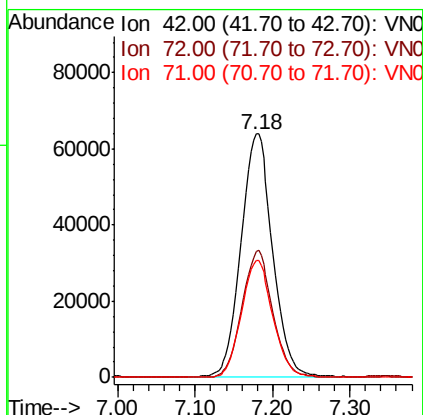
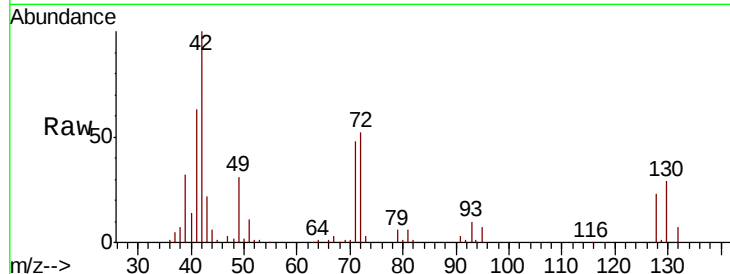




#29
Tetrahydrofuran
Concen: 241.787 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

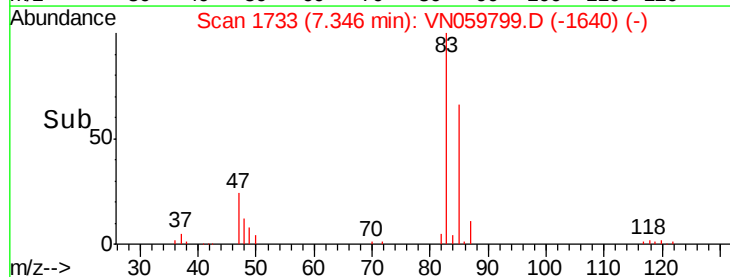
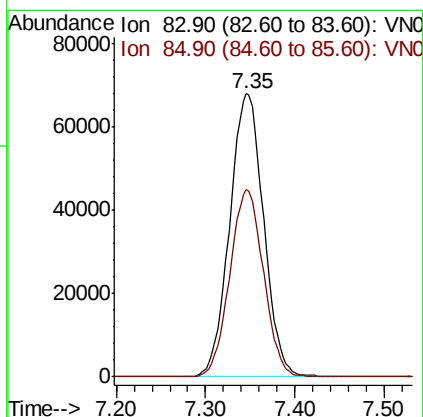
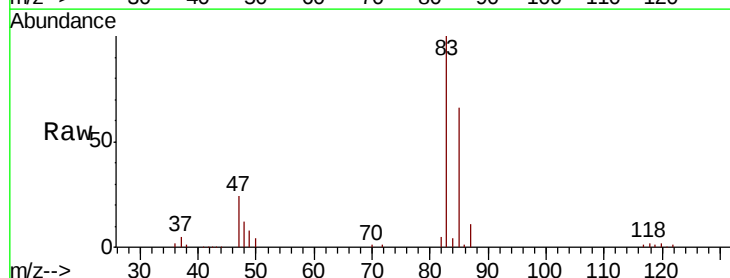
Instrument :
MSVOA_N
ClientSampled :

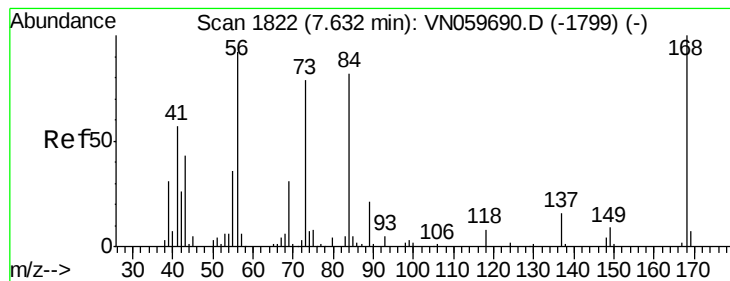
Tot Ion: 42 Resp: 182618
Ion Ratio Lower Upper
42 100
72 50.3 33.1 49.7#
71 47.2 31.4 47.0#



#30
Chloroform
Concen: 52.283 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

Tgt Ion: 83 Resp: 179554
Ion Ratio Lower Upper
83 100
85 66.1 52.4 78.6





#31

Cyclohexane

Concen: 46.105 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VN059799.D

Acq: 20 Jan 2020 20:01

Instrument :

MSVOA_N

ClientSampled :

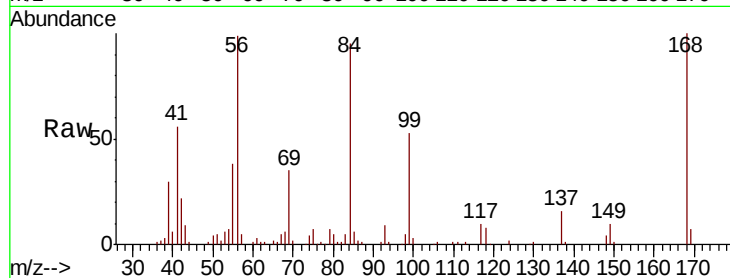
Tot Ion: 56 Resp: 147049

Ion Ratio Lower Upper

56 100

69 35.7 26.5 39.7

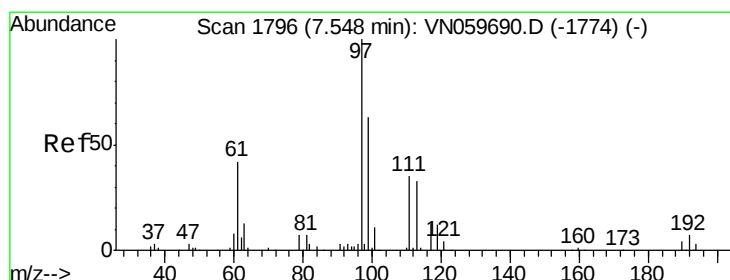
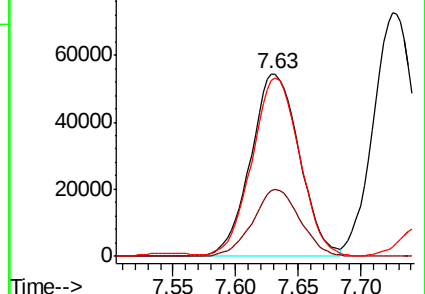
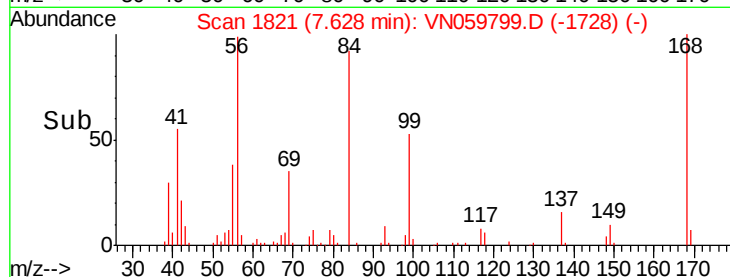
84 94.8 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VN059799.D (-1799) (-)

Ion 69.00 (68.70 to 69.70): VN059799.D (-1799) (-)

Ion 84.00 (83.70 to 84.70): VN059799.D (-1799) (-)



#32

1,1,1-Trichloroethane

Concen: 52.714 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN059799.D

Acq: 20 Jan 2020 20:01

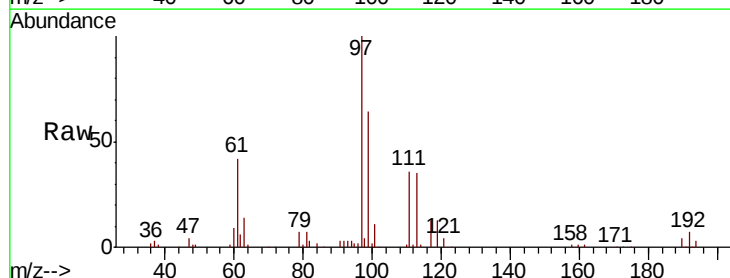
Tgt Ion: 97 Resp: 167384

Ion Ratio Lower Upper

97 100

99 63.4 51.0 76.4

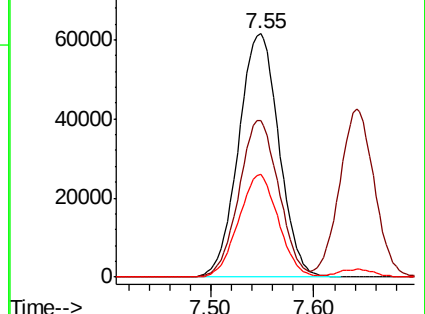
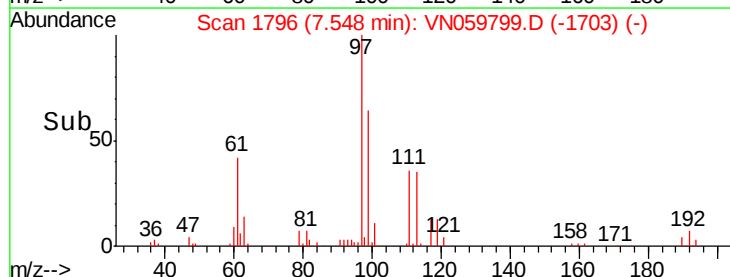
61 41.5 38.5 57.7

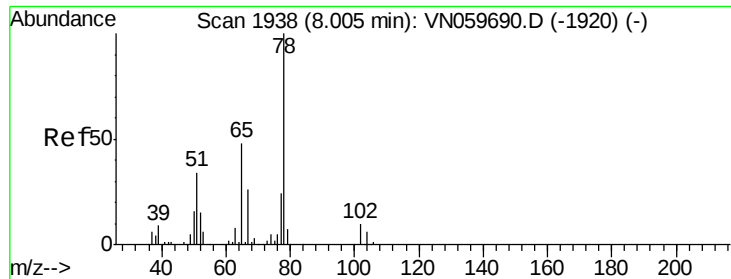


Abundance Ion 96.90 (96.60 to 97.60): VN059799.D (-1774) (-)

Ion 98.90 (98.60 to 99.60): VN059799.D (-1774) (-)

Ion 60.90 (60.60 to 61.60): VN059799.D (-1774) (-)

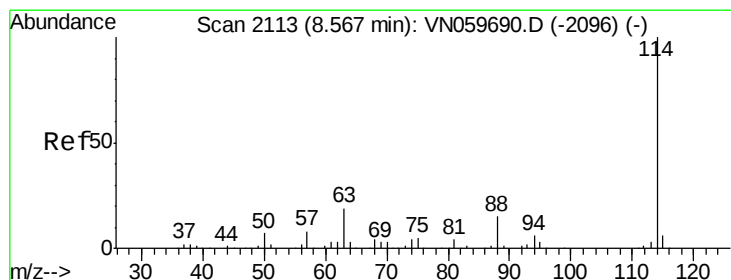
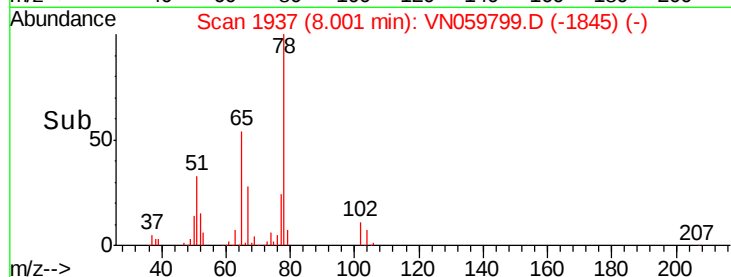
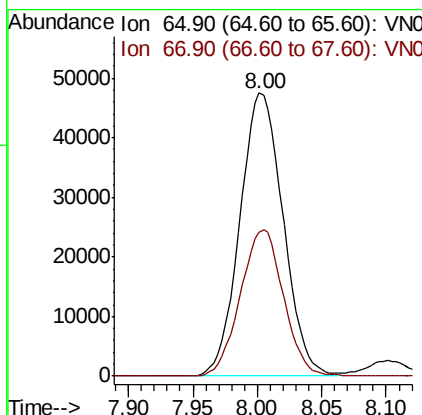
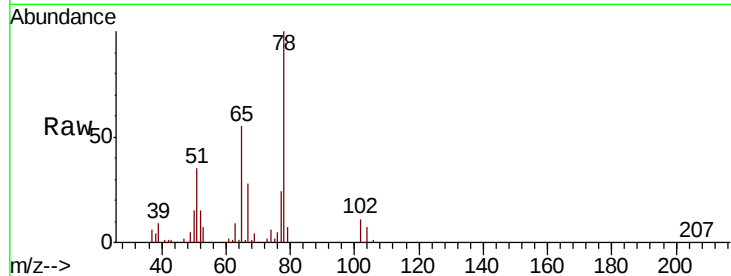




#33
 1,2-Dichloroethane-d4
 Concen: 51.587 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059799.D
 Acq: 20 Jan 2020 20:01

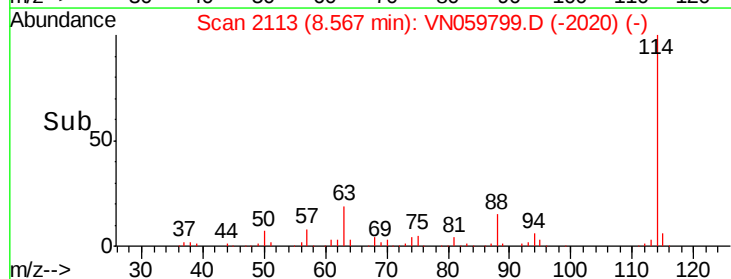
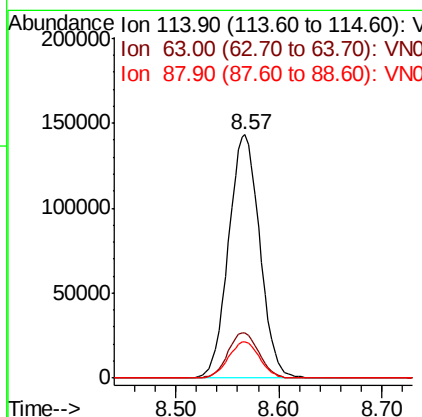
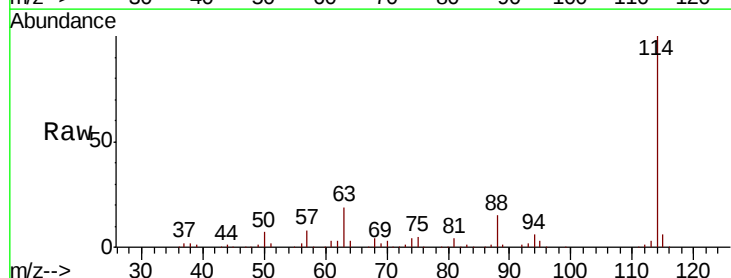
Instrument :
 MSVOA_N
 ClientSampleId :

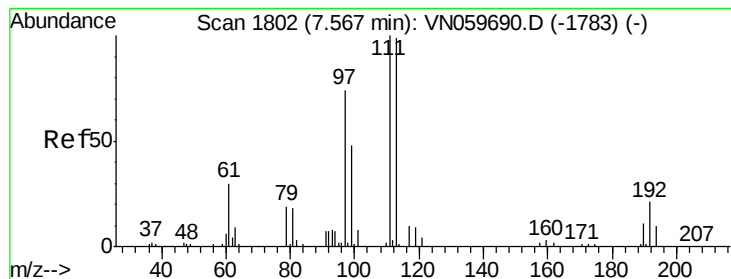
Tot Ion: 65 Resp: 111202
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059799.D
 Acq: 20 Jan 2020 20:01

Tgt Ion: 114 Resp: 301819
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 43.6
 88 15.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.635 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN059799.D

Acq: 20 Jan 2020 20:01

Instrument :

MSVOA_N

ClientSampleId :

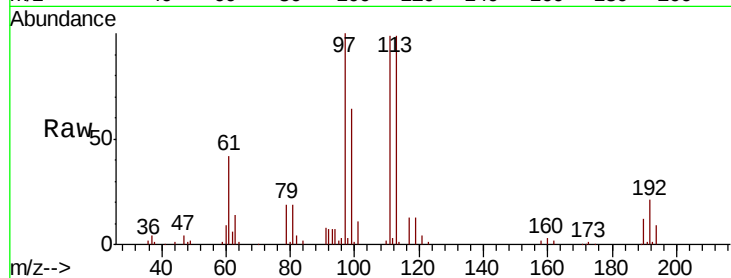
Tot Ion:113 Resp: 94736

Ion Ratio Lower Upper

113 100

111 101.1 83.5 125.3

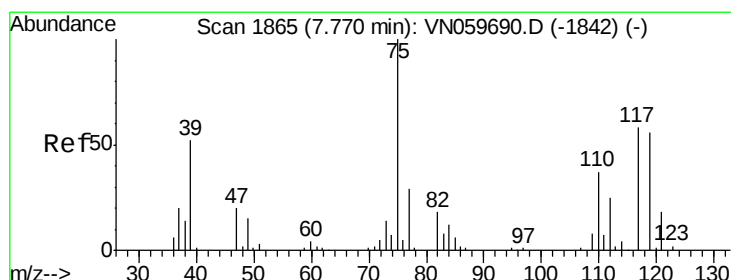
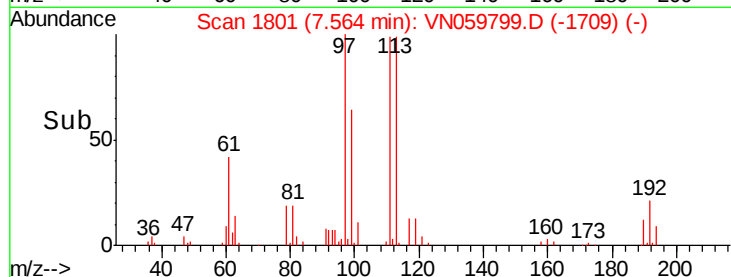
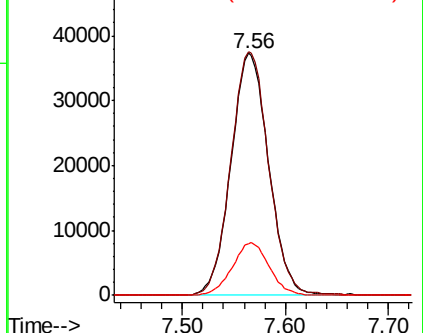
192 21.3 15.4 23.2



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: 49.660 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VN059799.D

Acq: 20 Jan 2020 20:01

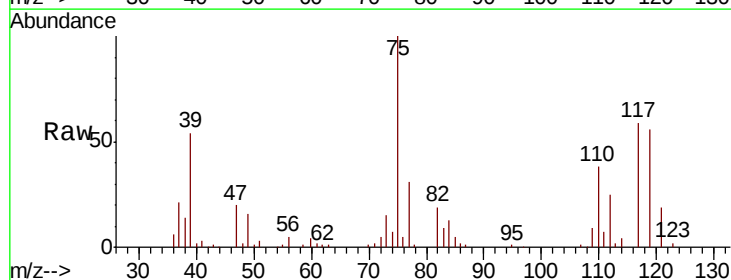
Tgt Ion: 75 Resp: 130524

Ion Ratio Lower Upper

75 100

110 38.1 16.6 49.7

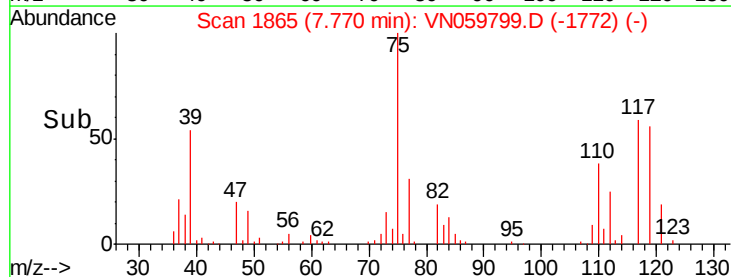
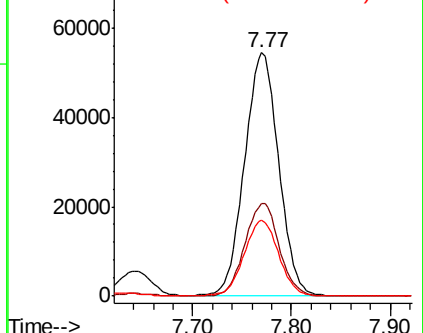
77 31.6 25.1 37.7

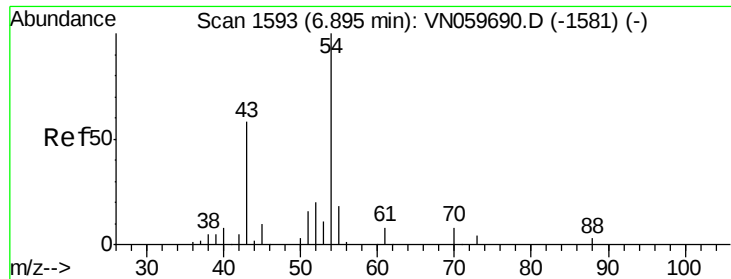


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

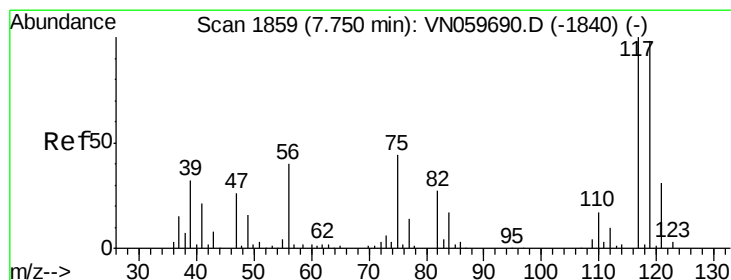
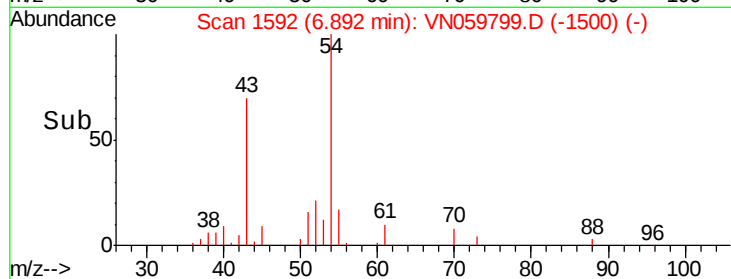
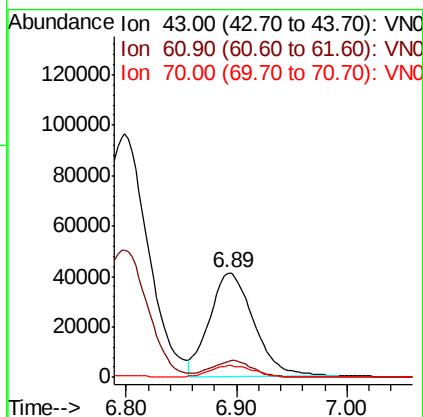
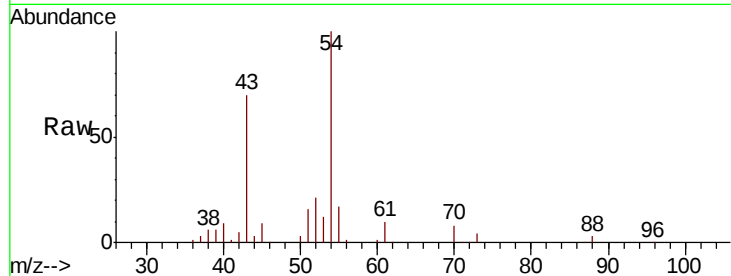




#37
Ethyl Acetate
Concen: 46.628 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

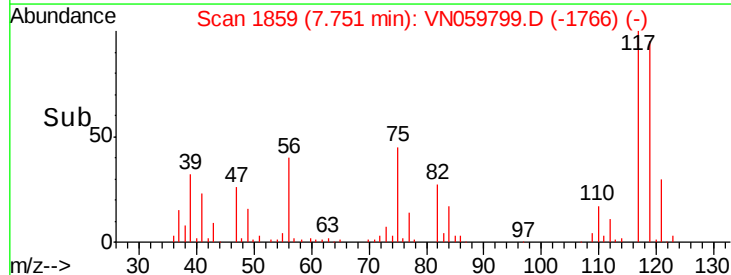
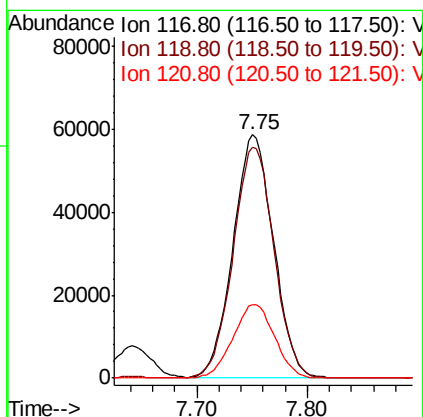
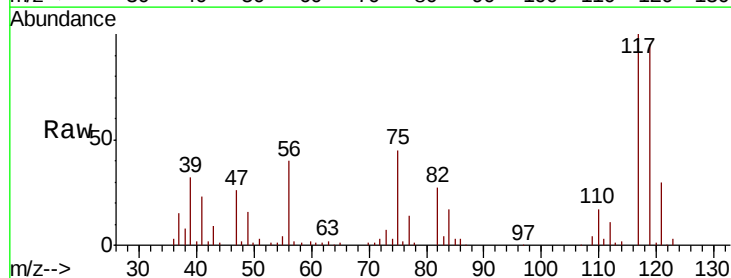
Instrument :
MSVOA_N
ClientSampled :

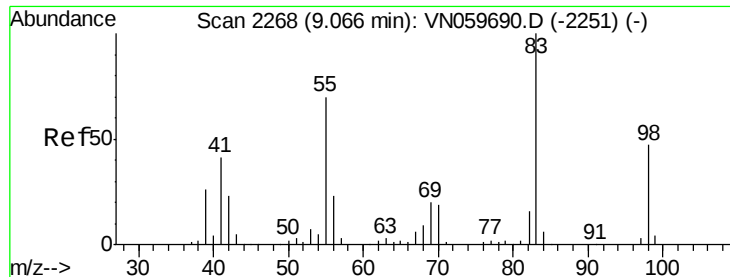
Tot Ion: 43 Resp: 114946
Ion Ratio Lower Upper
43 100
61 15.4 10.9 16.3
70 11.4 7.7 11.5



#38
Carbon Tetrachloride
Concen: 52.178 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

Tgt Ion: 117 Resp: 149182
Ion Ratio Lower Upper
117 100
119 95.0 76.5 114.7
121 30.4 25.1 37.7

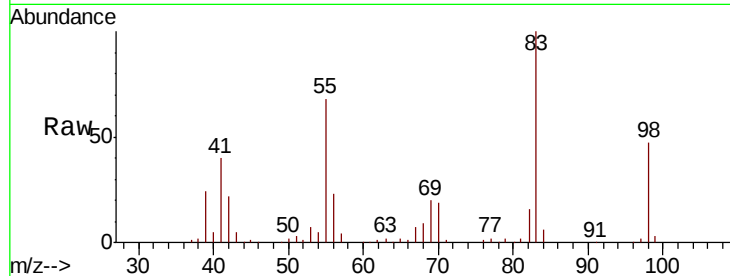




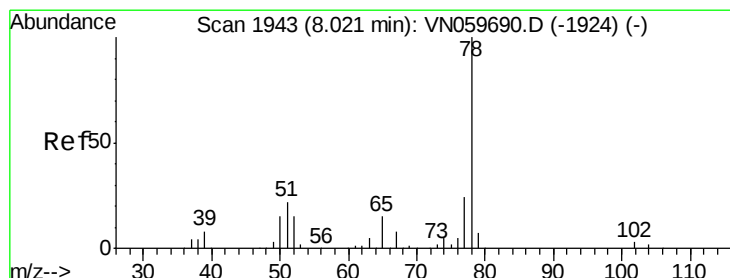
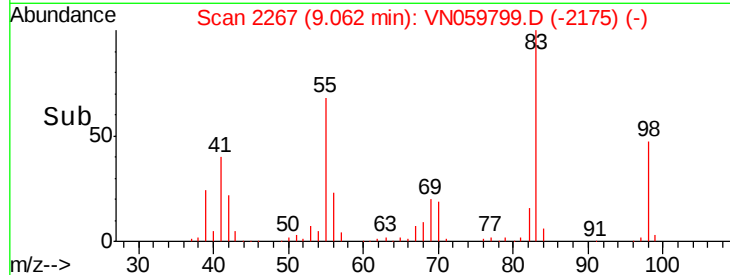
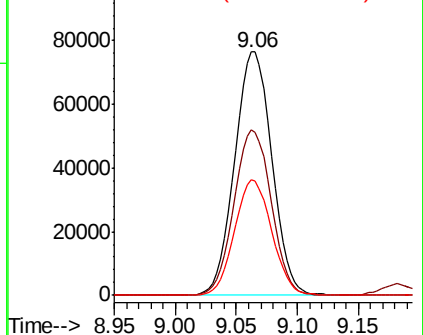
#39
Methvlcvclohexane
Concen: 50.002 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 162049
Ion Ratio Lower Upper
83 100
55 67.9 64.2 96.2
98 47.4 35.9 53.9

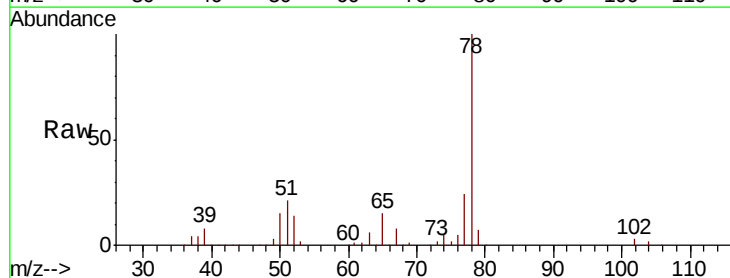


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

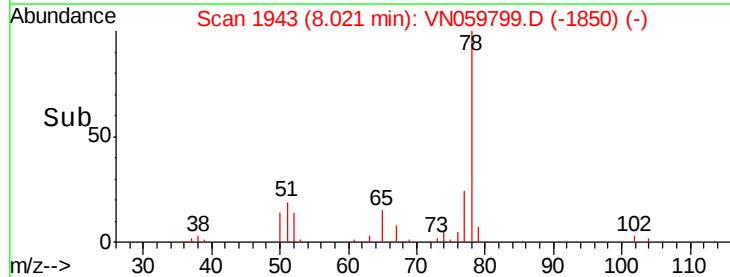
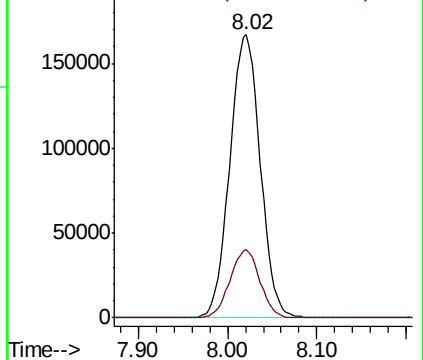


#40
Benzene
Concen: 50.361 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

Tgt Ion: 78 Resp: 394762
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

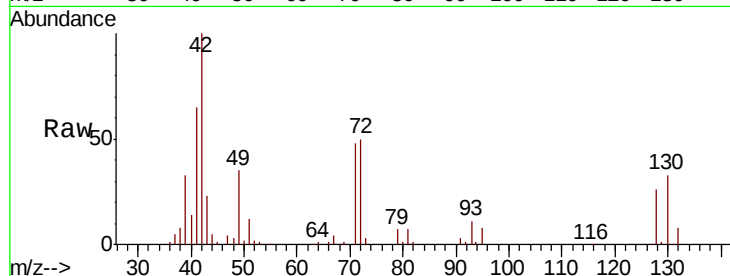




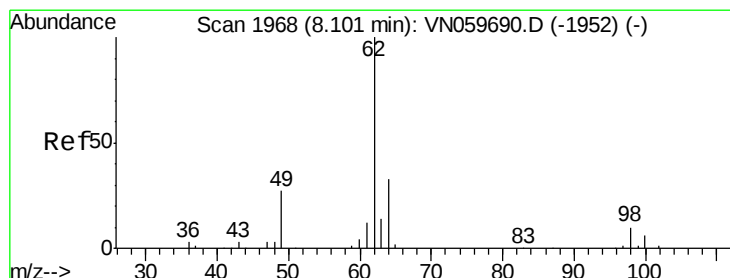
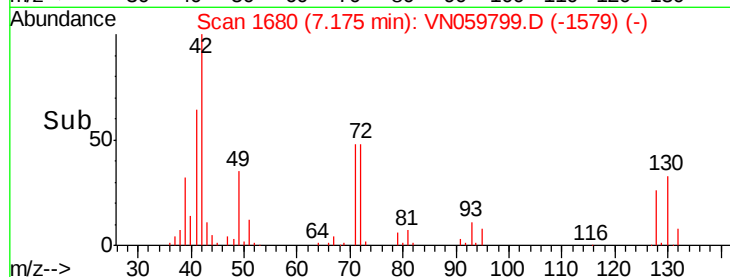
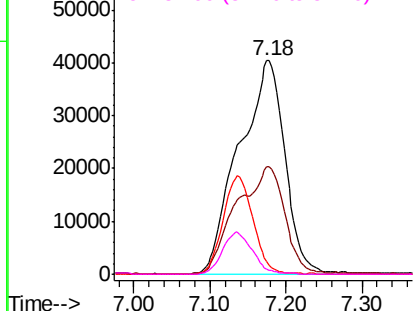
#41
Methacrylonitrile
Concen: 139.424 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 169293
Ion Ratio Lower Upper
41 100
39 53.0 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

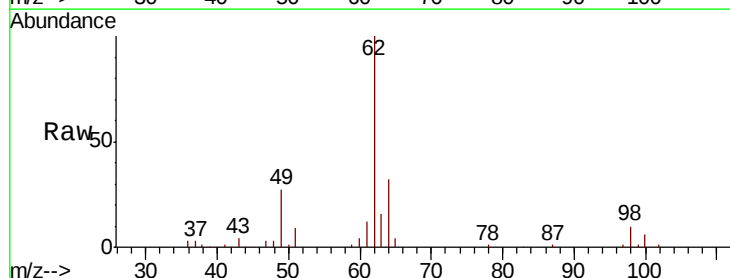


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

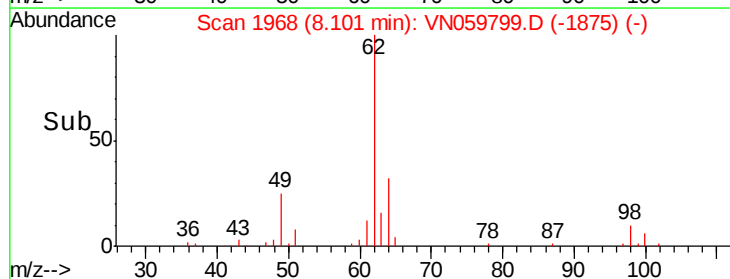
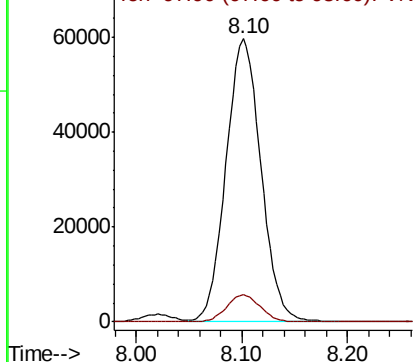


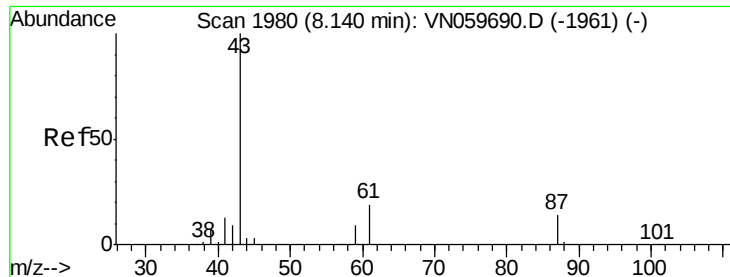
#42
1,2-Dichloroethane
Concen: 51.352 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

Tgt Ion: 62 Resp: 136481
Ion Ratio Lower Upper
62 100
98 9.2 0.0 15.8



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





#43

Isopropyl Acetate

Concen: 48.236 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059799.D

Acq: 20 Jan 2020 20:01

Instrument :

MSVOA_N

ClientSampleId :

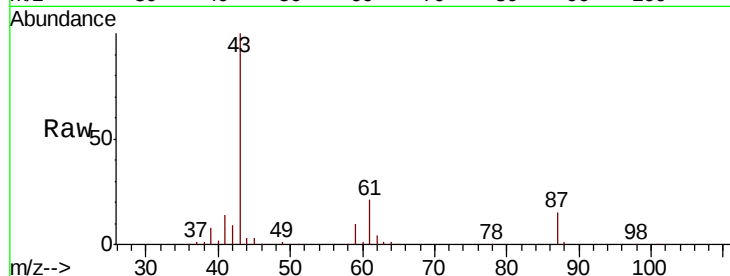
Tot Ion: 43 Resp: 204531

Ion Ratio Lower Upper

43 100

61 28.0 20.2 30.2

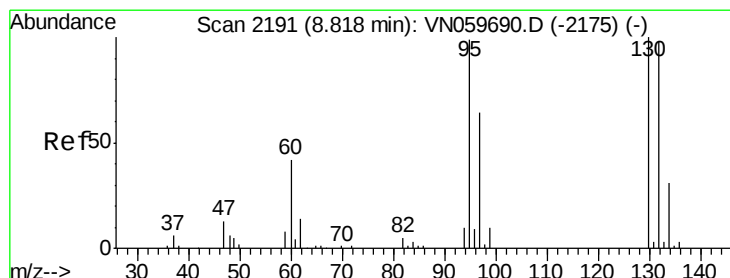
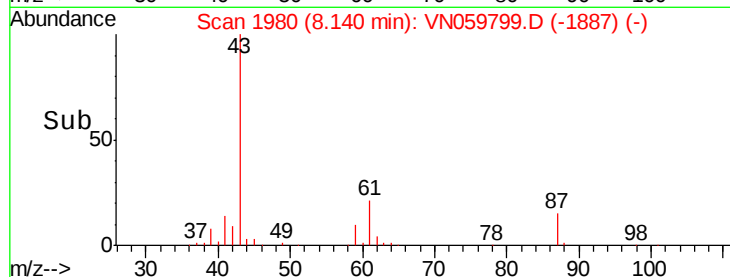
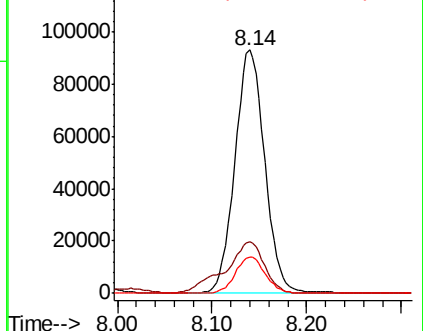
87 15.0 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059799.D (-1961) (-)

Ion 61.00 (60.70 to 61.70): VN059799.D (-1961) (-)

Ion 87.00 (86.70 to 87.70): VN059799.D (-1961) (-)



#44

Trichloroethene

Concen: 51.656 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059799.D

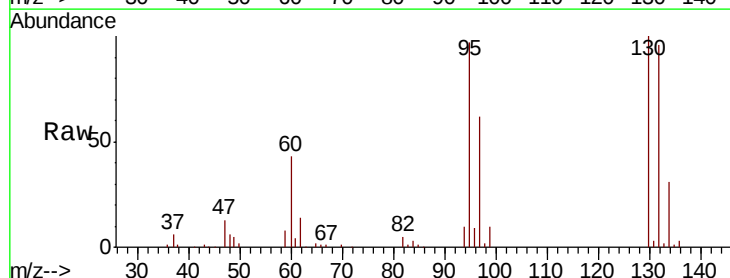
Acq: 20 Jan 2020 20:01

Tgt Ion:130 Resp: 110538

Ion Ratio Lower Upper

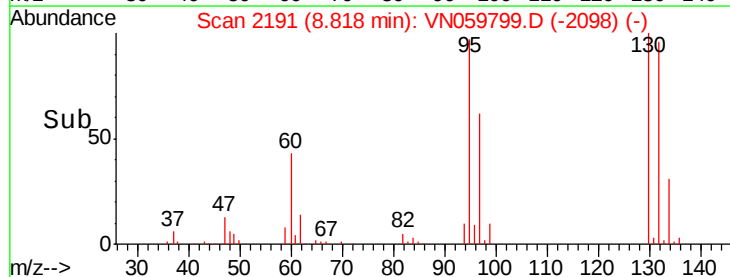
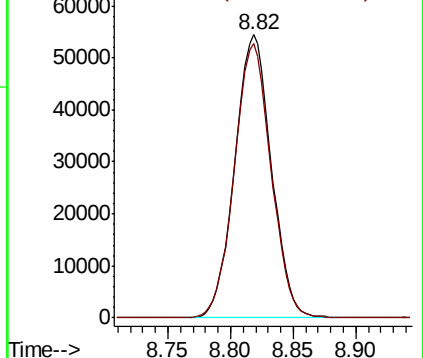
130 100

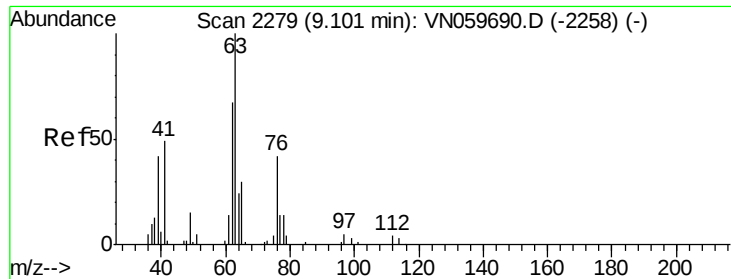
95 96.9 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059799.D (-2191) (-)

Ion 94.90 (94.60 to 95.60): VN059799.D (-2191) (-)





#45

1,2-Dichloropropane

Concen: 51.618 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN059799.D

Acq: 20 Jan 2020 20:01

Instrument :

MSVOA_N

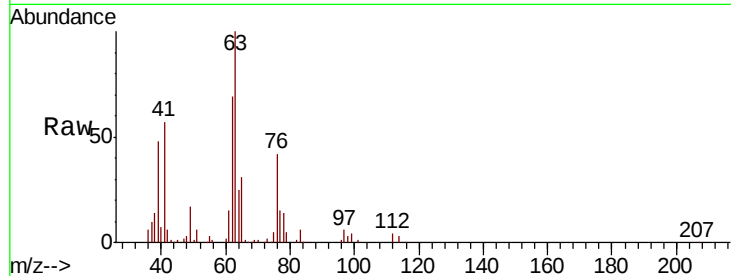
ClientSampled :

Tot Ion: 63 Resp: 100123

Ion Ratio Lower Upper

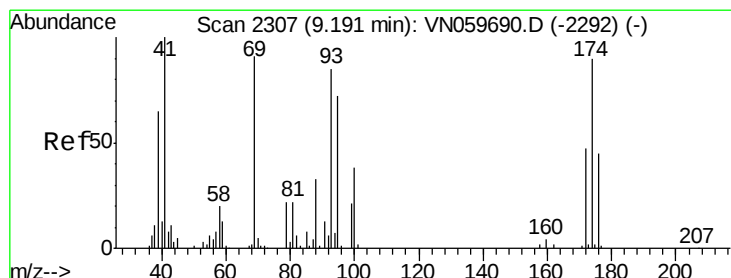
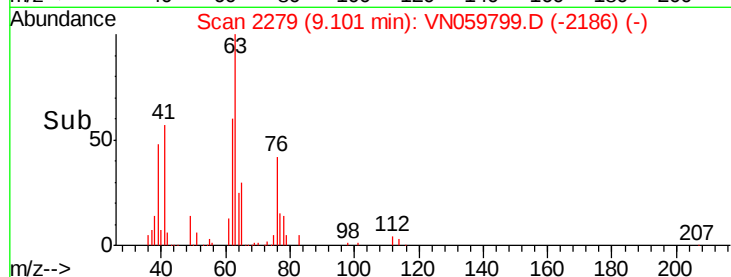
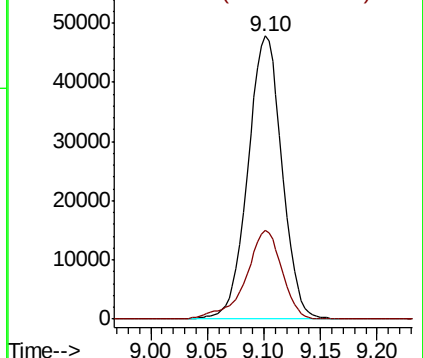
63 100

65 31.2 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 52.911 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN059799.D

Acq: 20 Jan 2020 20:01

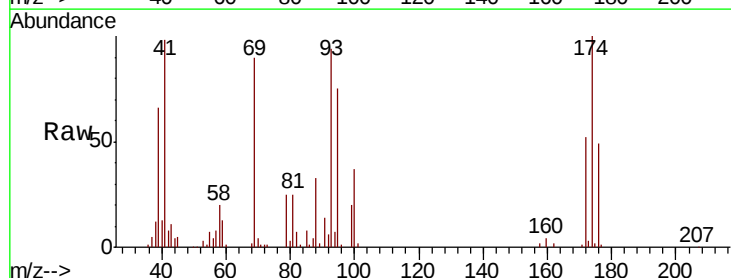
Tgt Ion: 93 Resp: 72396

Ion Ratio Lower Upper

93 100

95 82.3 67.0 100.6

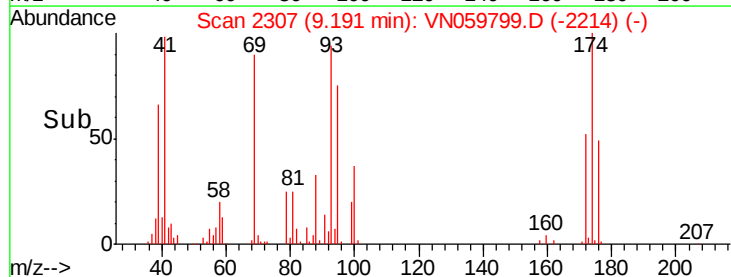
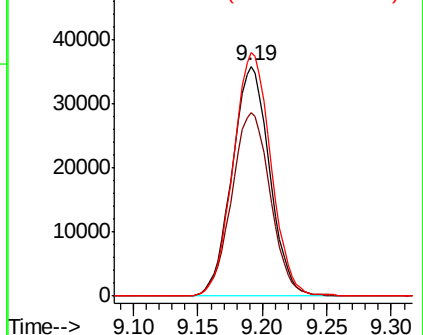
174 106.8 73.4 110.2

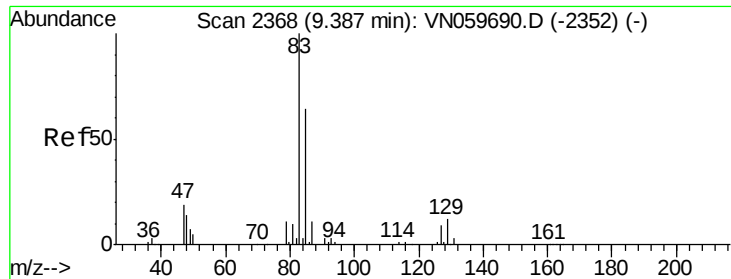


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

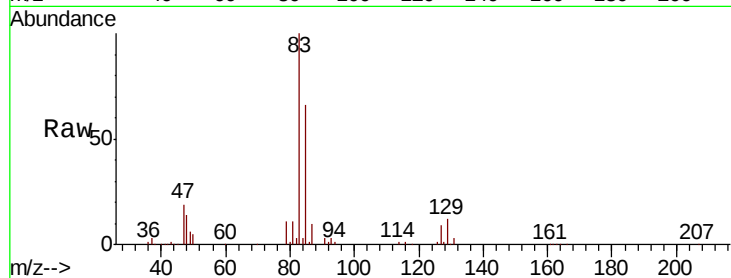




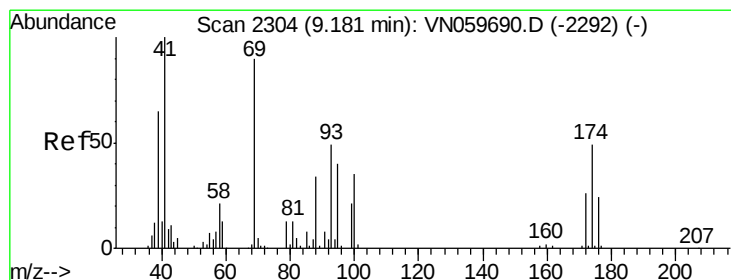
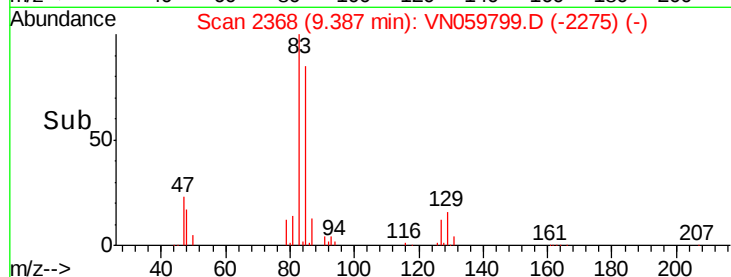
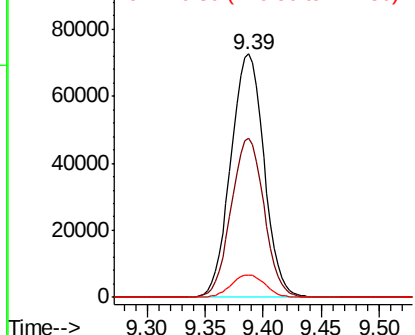
#47
Bromodichloromethane
Concen: 52.507 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 144776
Ion Ratio Lower Upper
83 100
85 65.6 51.1 76.7
127 9.3 6.6 9.8

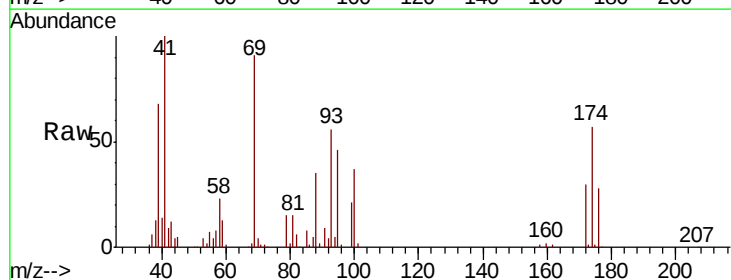


Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO

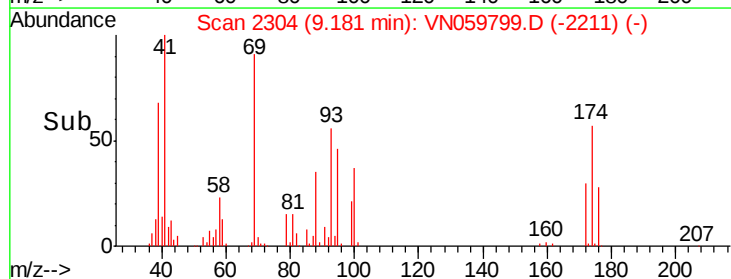
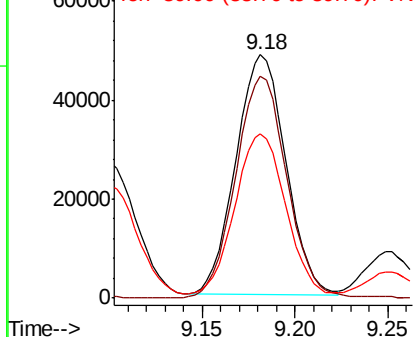


#48
Methyl methacrylate
Concen: 48.131 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

Tgt Ion: 41 Resp: 91286
Ion Ratio Lower Upper
41 100
69 94.4 64.4 96.6
39 67.4 51.3 76.9



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

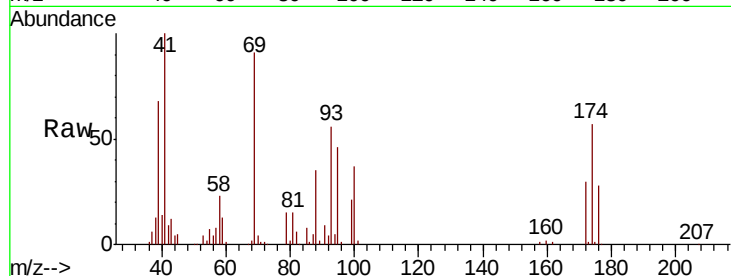




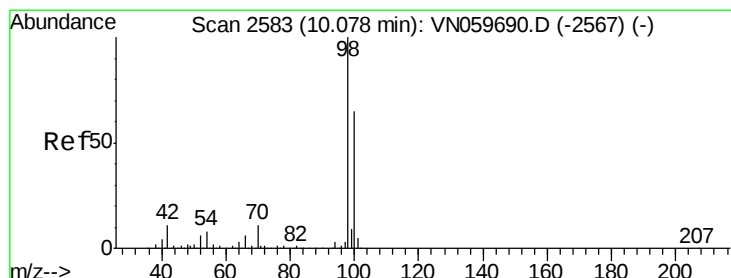
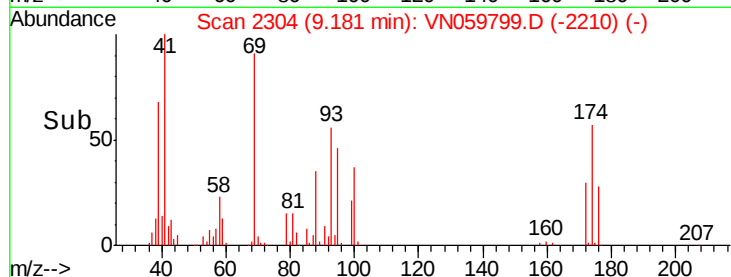
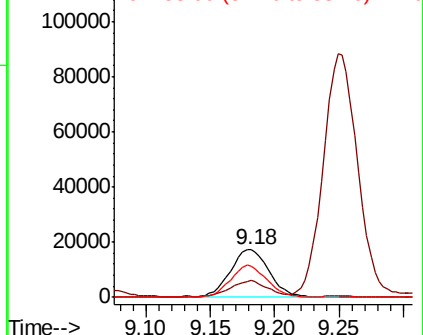
#49
1,4-Dioxane
Concen: 1044.460 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 36264
Ion Ratio Lower Upper
88 100
43 30.2 29.7 44.5
58 63.0 56.6 85.0

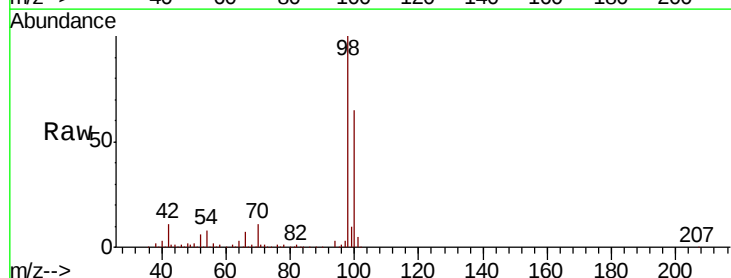


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

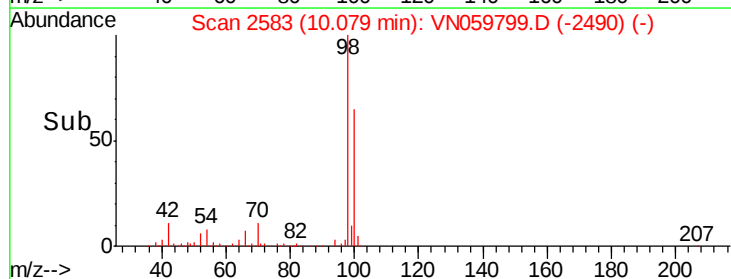
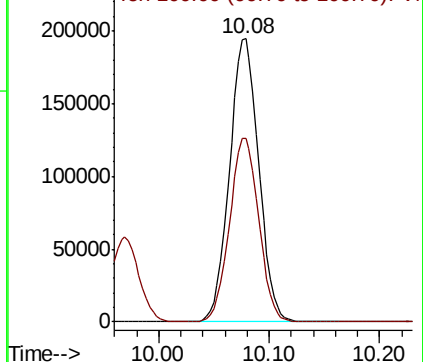


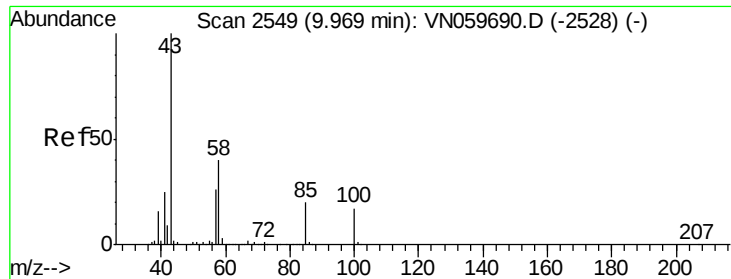
#50
Toluene-d8
Concen: 51.219 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

Tgt Ion: 98 Resp: 357183
Ion Ratio Lower Upper
98 100
100 64.9 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: 243.132 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN059799.D

Acq: 20 Jan 2020 20:01

Instrument :

MSVOA_N

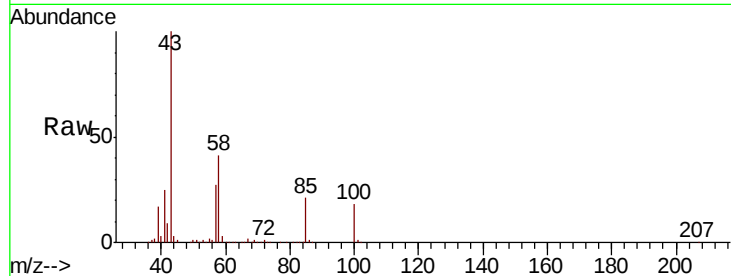
ClientSampled :

Tot Ion: 43 Resp: 595945

Ion Ratio Lower Upper

43 100

58 41.0 29.8 44.8



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

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

9.97

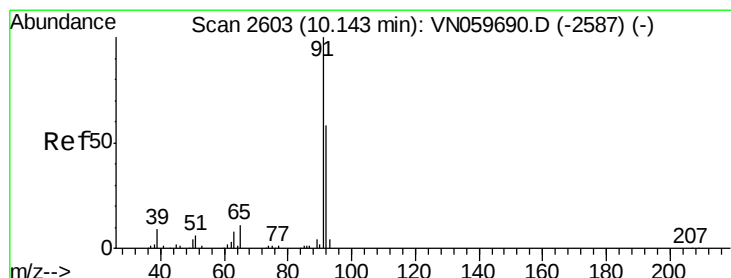
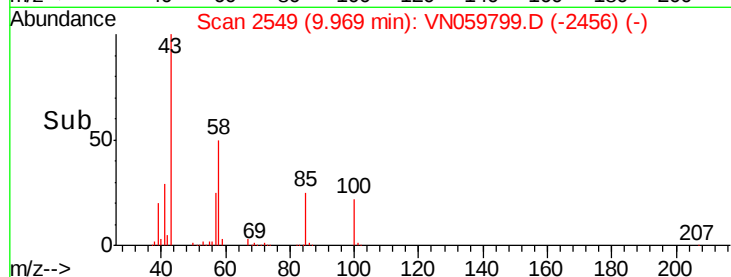
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.057 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN059799.D

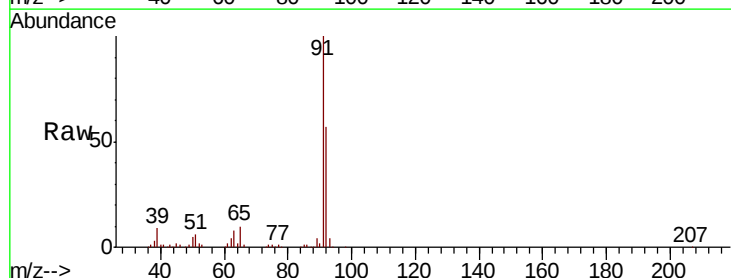
Acq: 20 Jan 2020 20:01

Tgt Ion: 92 Resp: 257749

Ion Ratio Lower Upper

92 100

91 174.0 140.4 210.6



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

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

10.14

250000

200000

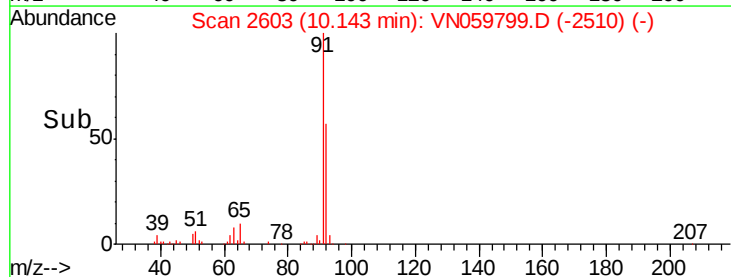
150000

100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.531 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN059799.D

Acq: 20 Jan 2020 20:01

Instrument :

MSVOA_N

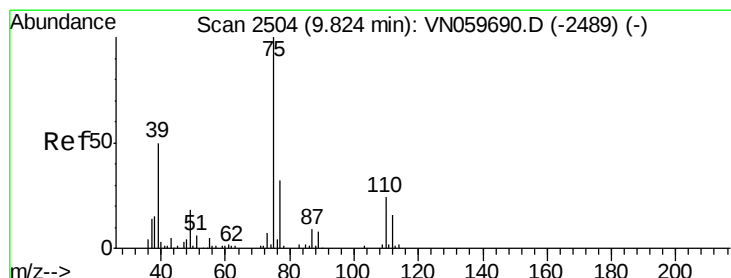
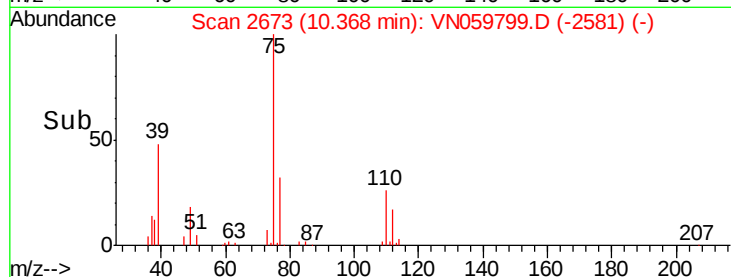
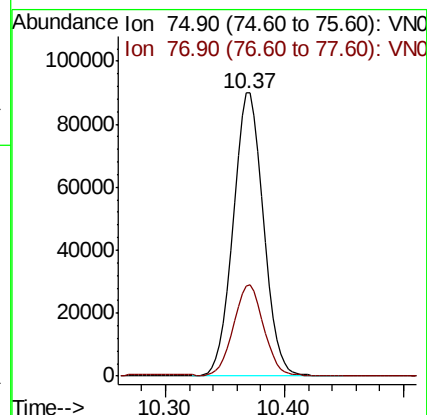
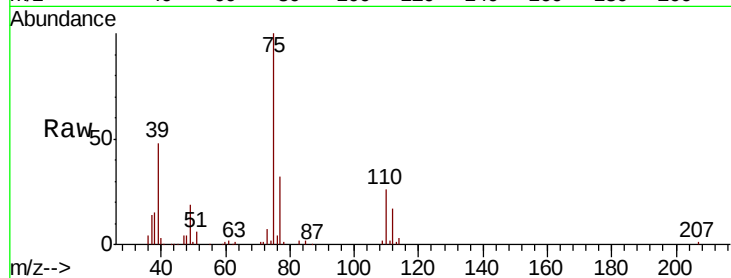
ClientSampled :

Tot Ion: 75 Resp: 158652

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 52.701 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059799.D

Acq: 20 Jan 2020 20:01

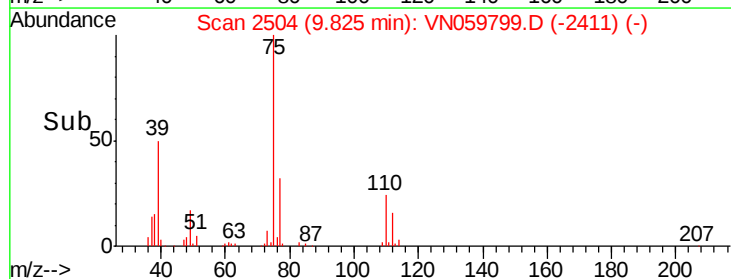
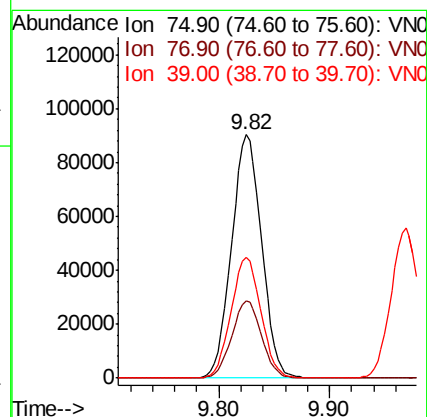
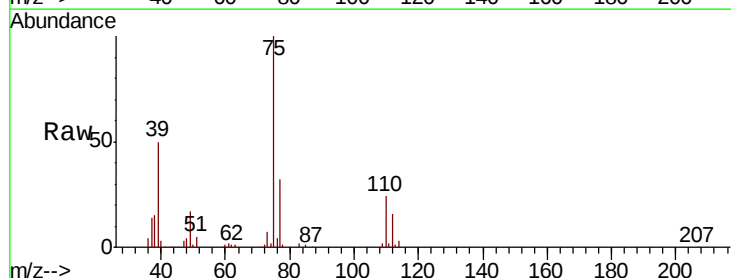
Tgt Ion: 75 Resp: 170719

Ion Ratio Lower Upper

75 100

77 31.8 25.1 37.7

39 49.8 46.1 69.1

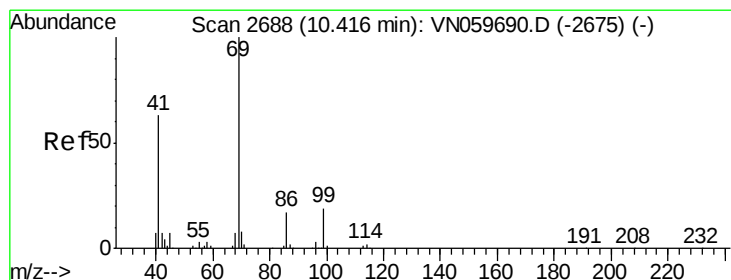
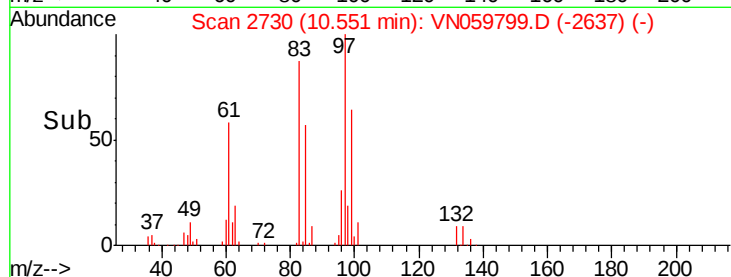
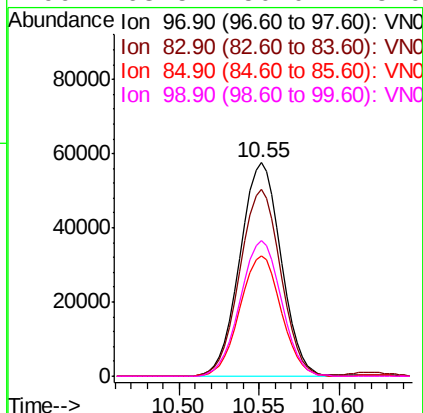
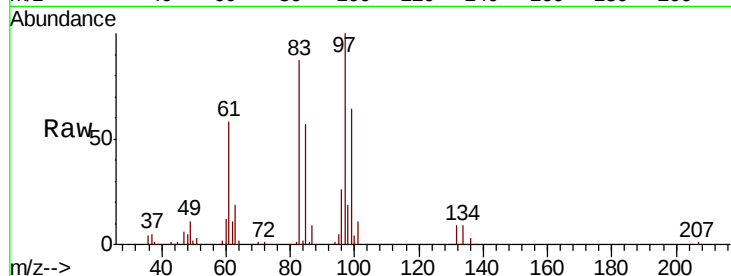




#55
 1,1,2-Trichloroethane
 Concen: 51.549 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059799.D
 Acq: 20 Jan 2020 20:01

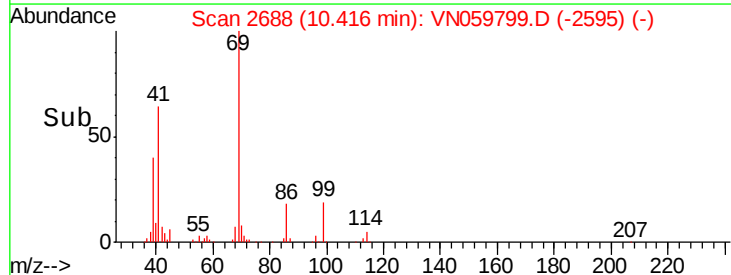
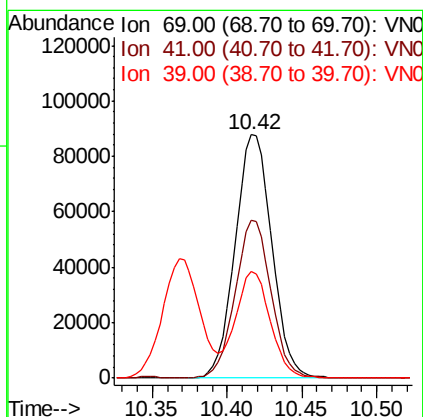
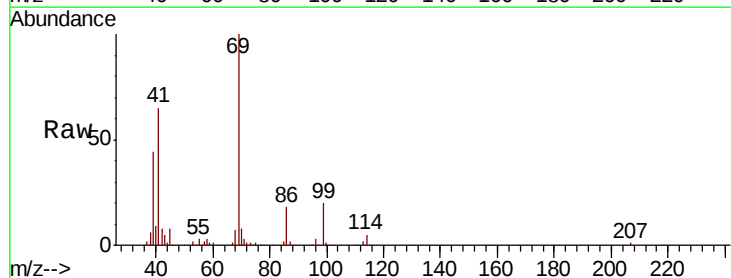
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	97	Resp	101088
Ion	Ratio	Lower	Upper
97	100		
83	87.4	71.3	106.9
85	56.6	45.8	68.8
99	63.5	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 50.061 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN059799.D
 Acq: 20 Jan 2020 20:01

Tgt Ion	69	Resp	150003
Ion	Ratio	Lower	Upper
69	100		
41	62.9	57.1	85.7
39	42.3	34.7	52.1





#57

1,3-Dichloropropane

Concen: 52.601 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059799.D

Acq: 20 Jan 2020 20:01

Instrument :

MSVOA_N

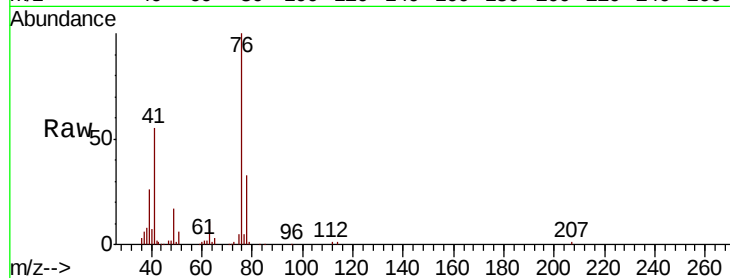
ClientSampleId :

Tot Ion: 76 Resp: 163765

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN059799.D (-2761) (-)

Ion 77.90 (77.60 to 78.60): VN059799.D (-2761) (-)

10.70

80000

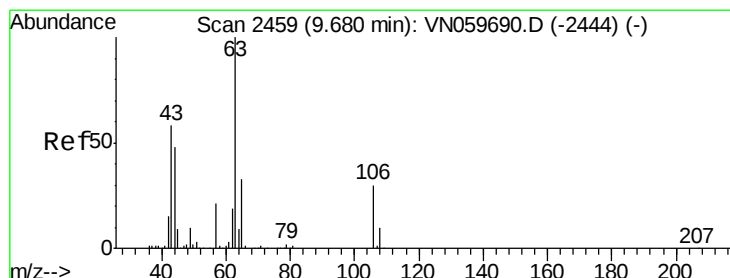
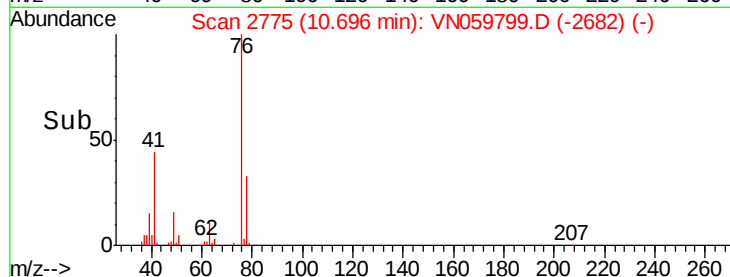
60000

40000

20000

0

Time--> 10.60 10.65 10.70 10.75



#58

2-Chloroethyl Vinyl ether

Concen: 276.865 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059799.D

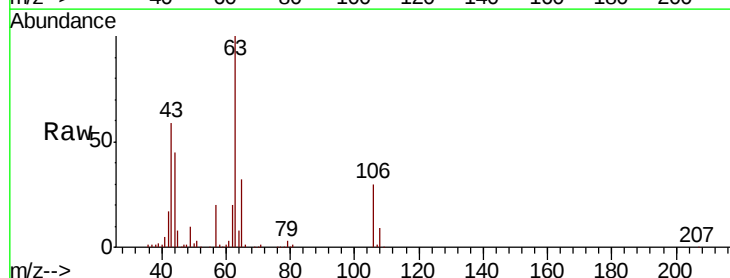
Acq: 20 Jan 2020 20:01

Tgt Ion: 63 Resp: 249878

Ion Ratio Lower Upper

63 100

106 30.3 20.2 30.2#



Abundance Ion 62.90 (62.60 to 63.60): VN059799.D (-2444) (-)

Ion 105.90 (105.60 to 106.60): VN059799.D (-2444) (-)

9.68

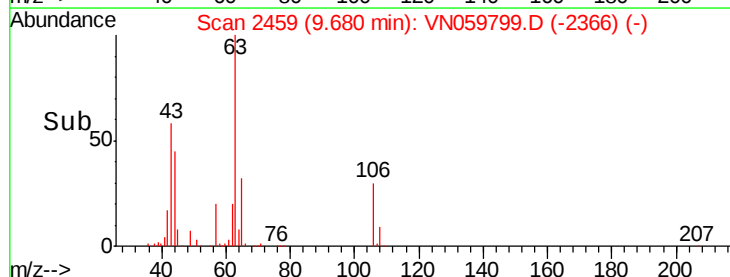
150000

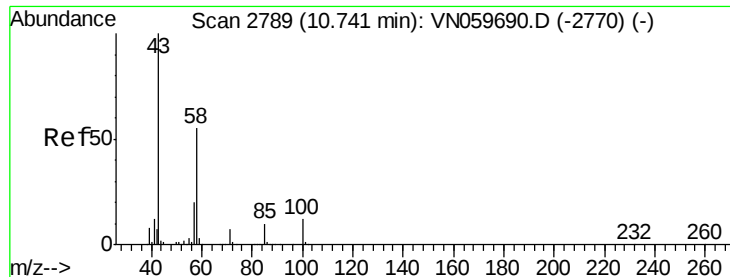
100000

50000

0

Time--> 9.60 9.65 9.70 9.75

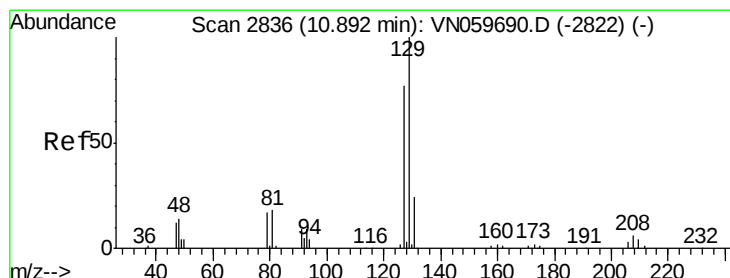
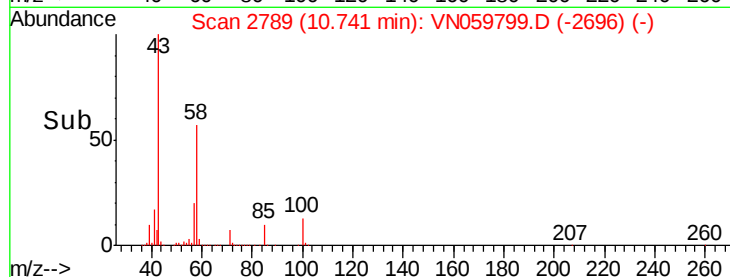
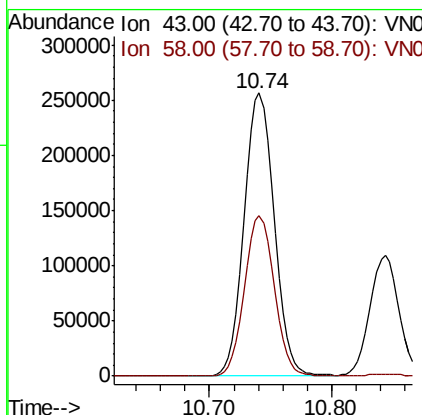
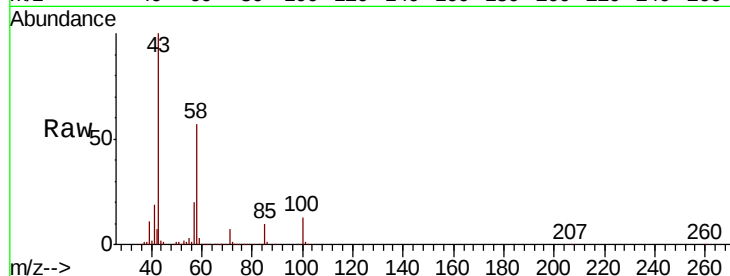




#59
2-Hexanone
Concen: 240.528 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

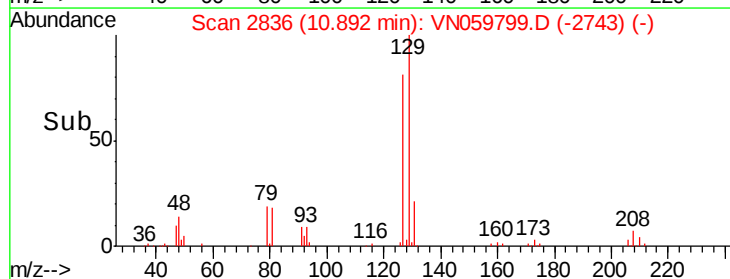
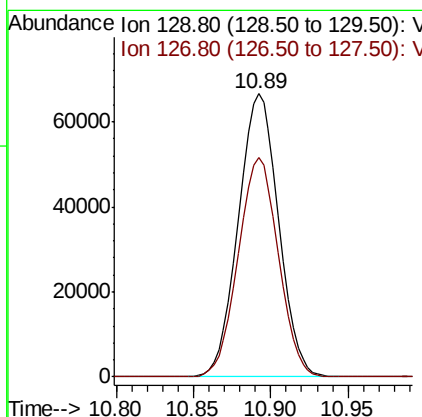
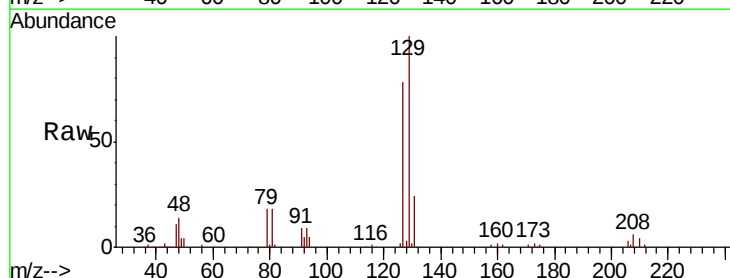
Instrument :
MSVOA_N
ClientSampled :

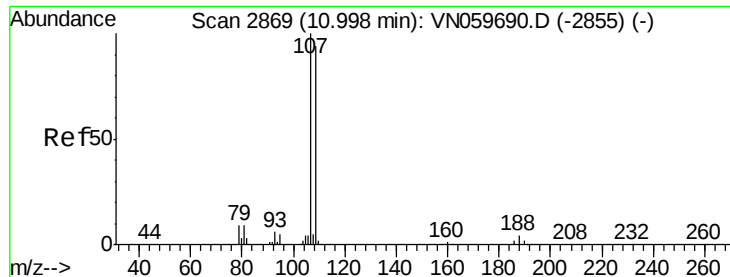
Tot Ion: 43 Resp: 434334
Ion Ratio Lower Upper
43 100
58 56.3 25.8 77.3



#60
Dibromochloromethane
Concen: 53.947 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

Tgt Ion: 129 Resp: 120469
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5

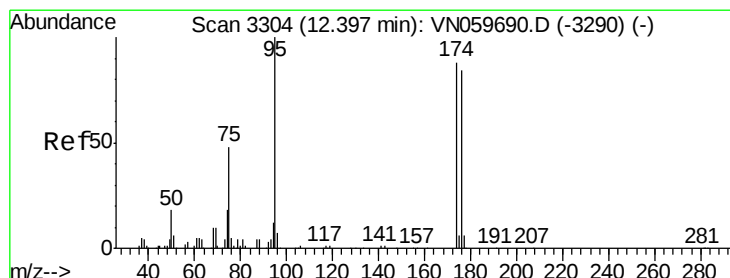
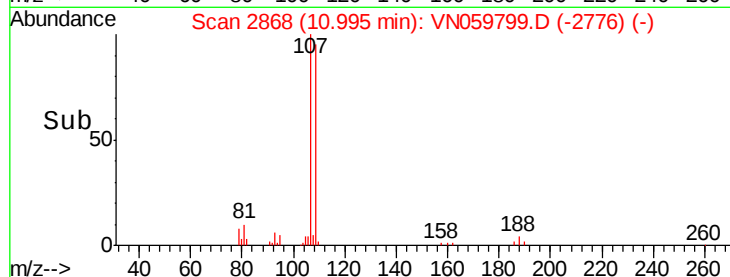
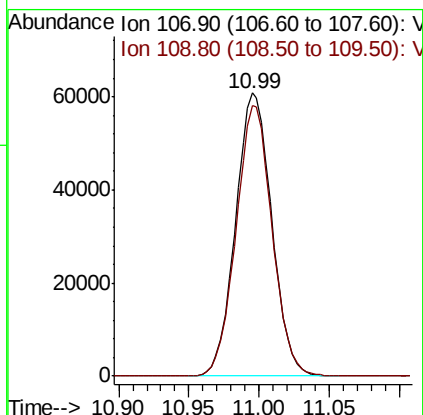
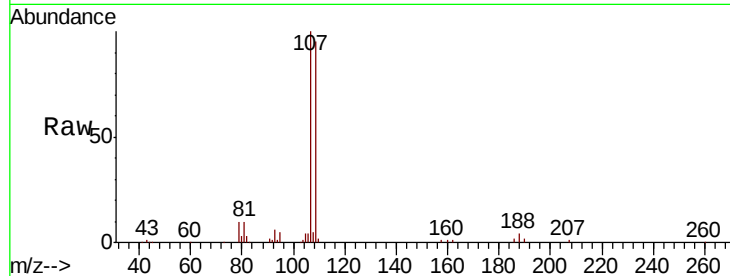




#61
 1,2-Dibromoethane
 Concen: 53.088 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059799.D
 Acq: 20 Jan 2020 20:01

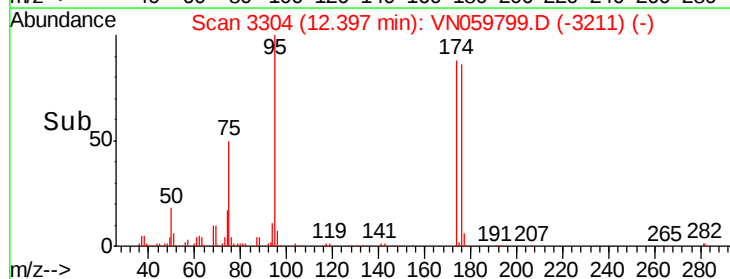
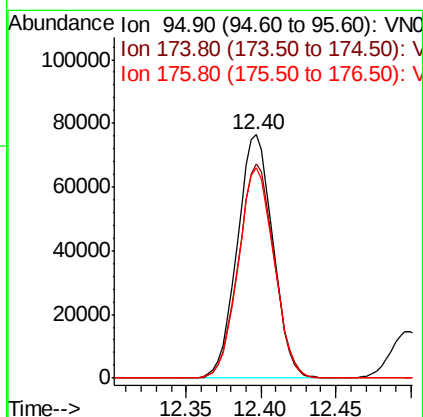
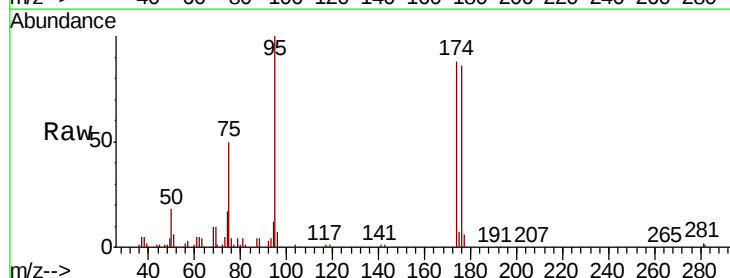
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:107 Resp: 109115
 Ion Ratio Lower Upper
 107 100
 109 95.3 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 50.406 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059799.D
 Acq: 20 Jan 2020 20:01

Tgt Ion: 95 Resp: 126720
 Ion Ratio Lower Upper
 95 100
 174 88.3 0.0 151.4
 176 86.5 0.0 146.0

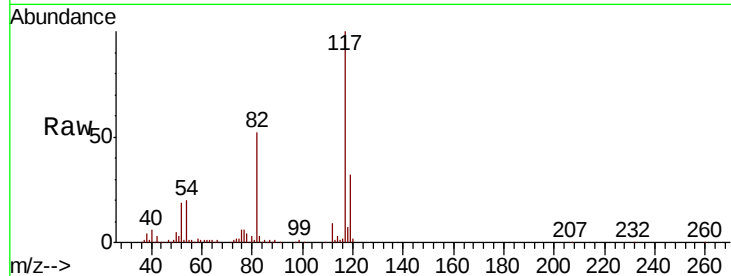




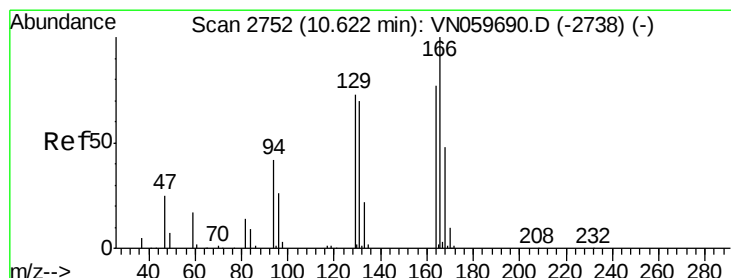
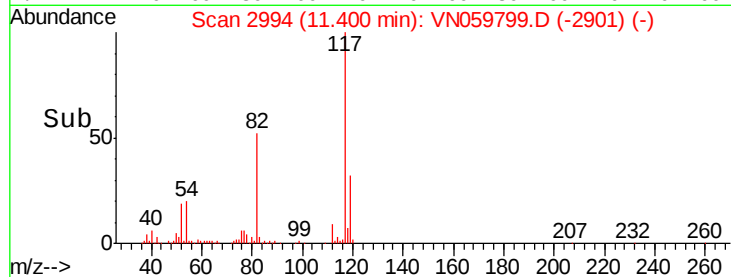
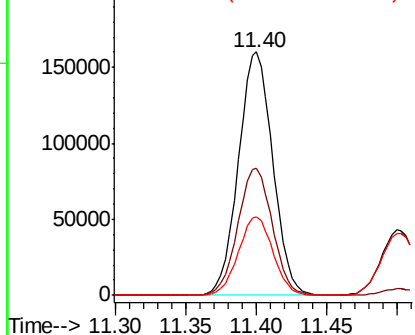
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 273841
Ion Ratio Lower Upper
117 100
82 52.2 45.9 68.9
119 32.4 25.5 38.3

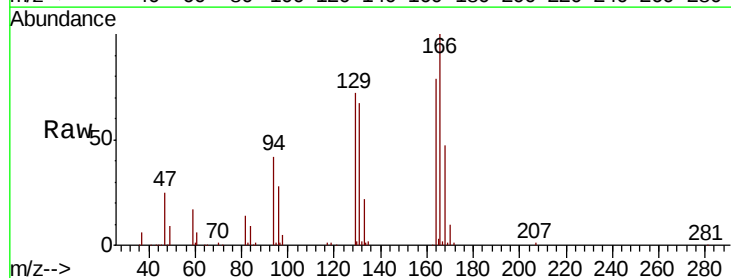


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

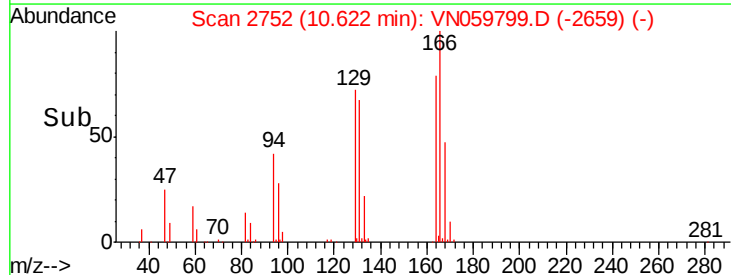
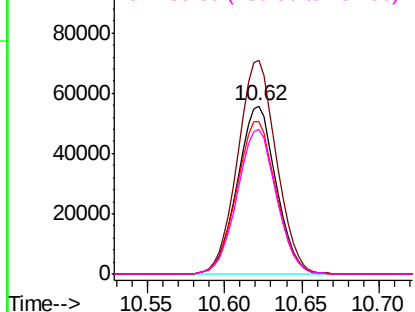


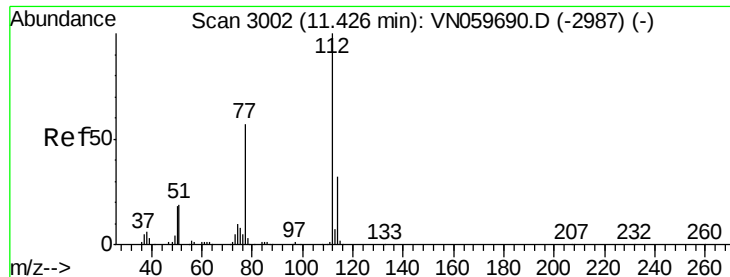
#64
Tetrachloroethene
Concen: 43.349 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

Tgt Ion:164 Resp: 96748
Ion Ratio Lower Upper
164 100
166 127.0 101.4 152.0
129 91.0 80.2 120.4
131 85.7 75.0 112.4



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

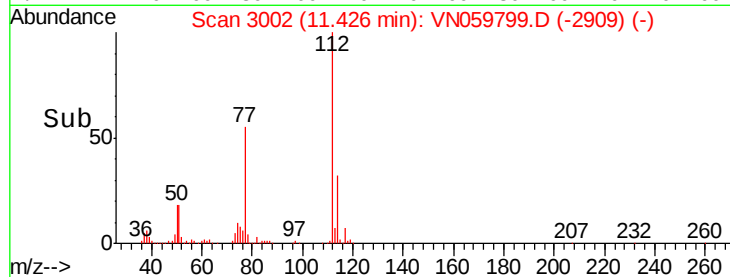
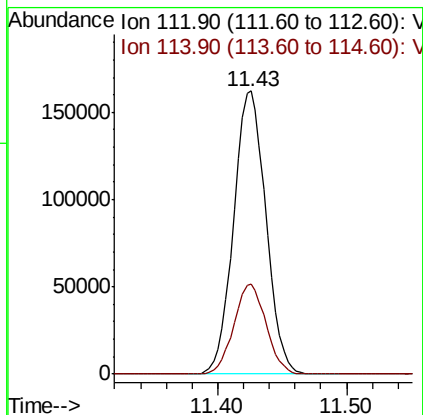
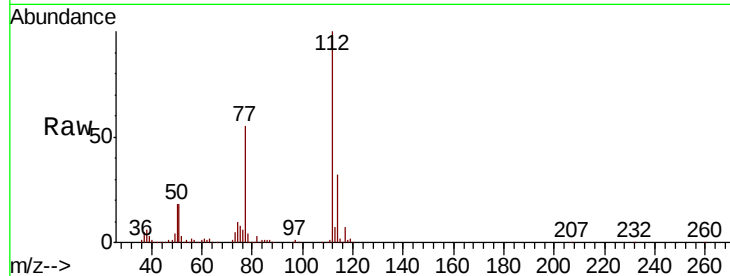




#65
Chlorobenzene
Concen: 52.320 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

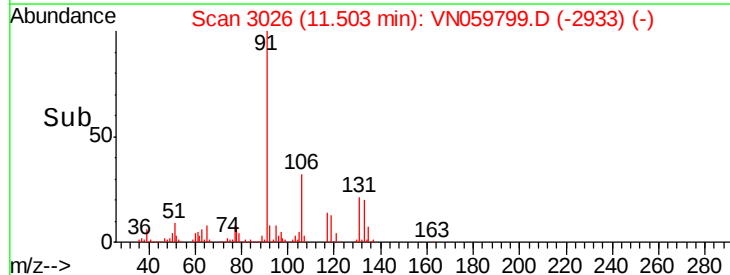
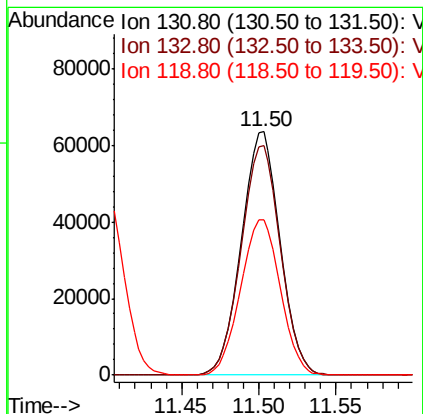
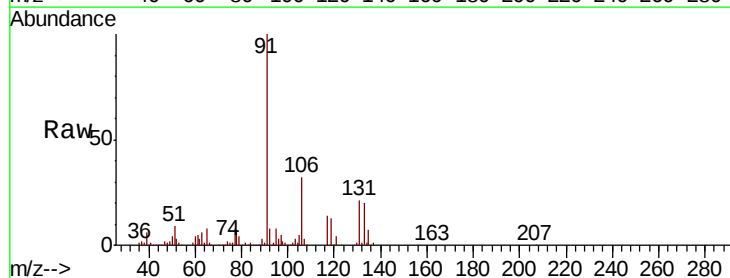
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:112 Resp: 281611
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 53.194 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

Tgt Ion:131 Resp: 110630
Ion Ratio Lower Upper
131 100
133 96.0 47.4 142.2
119 65.7 33.1 99.3

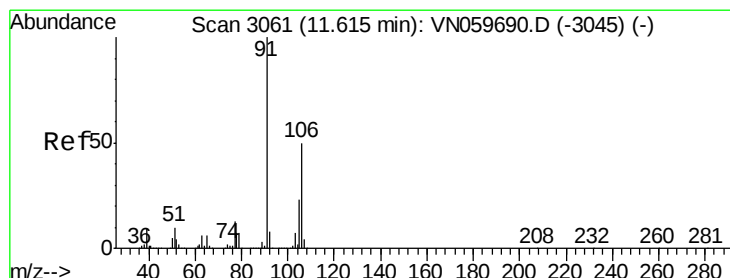
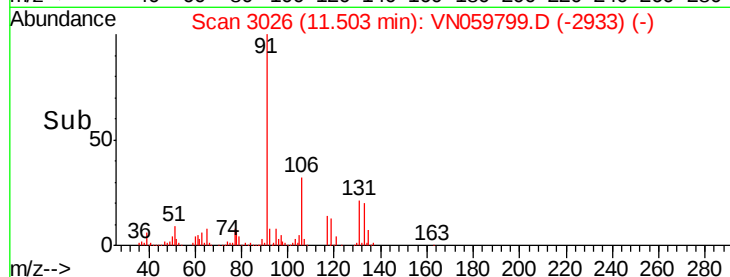
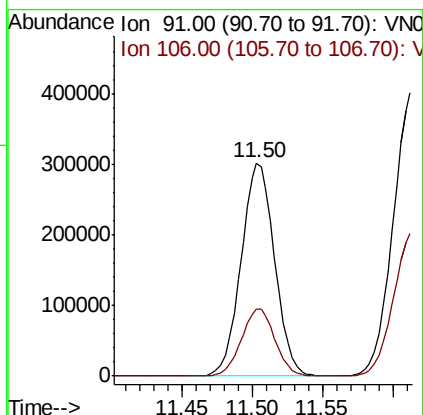
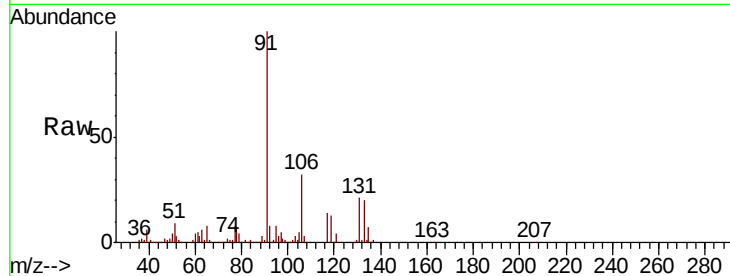




#67
Ethyl Benzene
Concen: 51.242 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

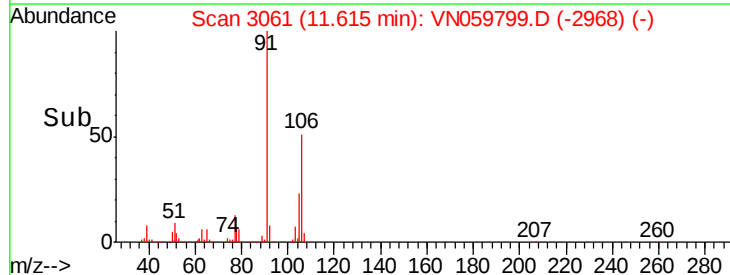
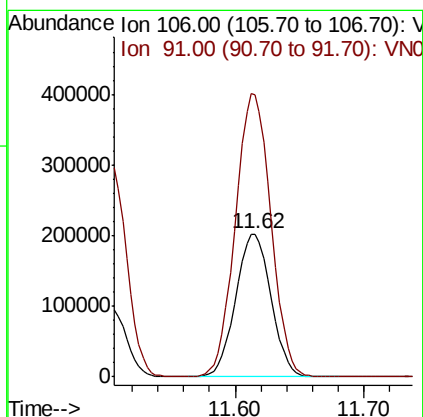
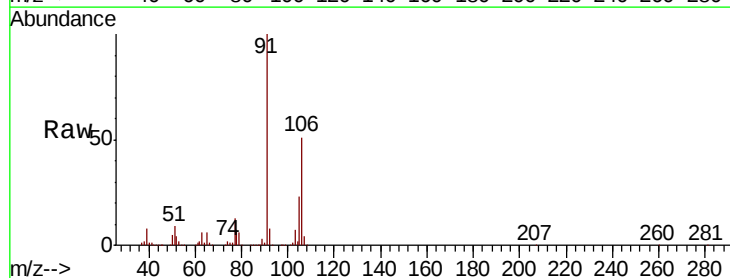
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 500679
Ion Ratio Lower Upper
91 100
106 31.6 24.1 36.1



#68
m/p-Xylenes
Concen: 104.140 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

Tgt Ion: 106 Resp: 384364
Ion Ratio Lower Upper
106 100
91 199.0 167.9 251.9

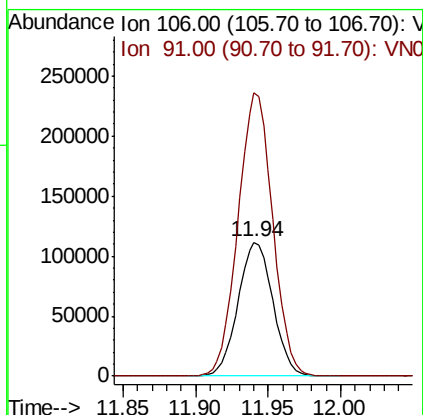
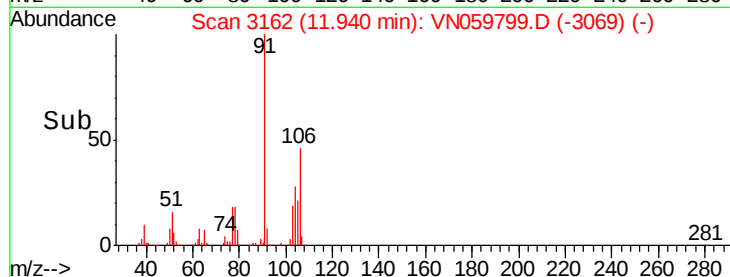
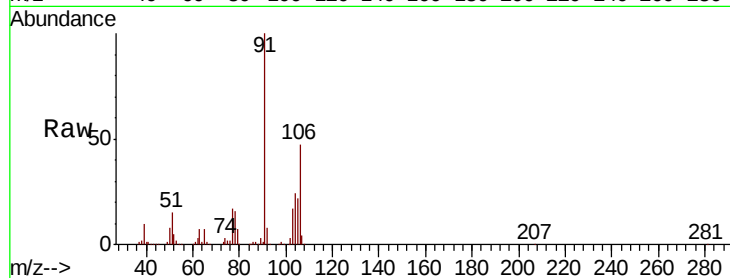




#69
o-Xylene
Concen: 51.584 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

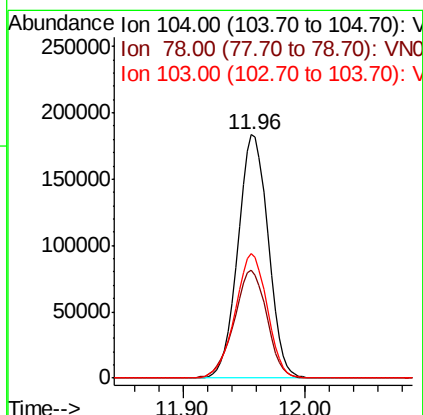
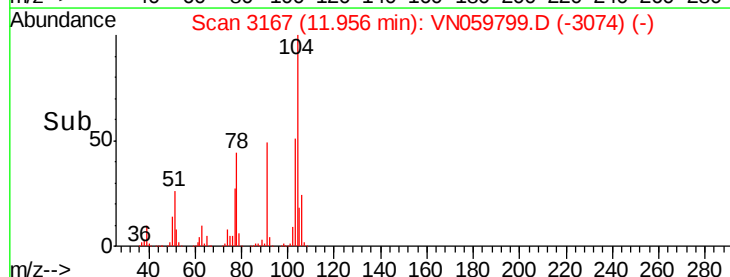
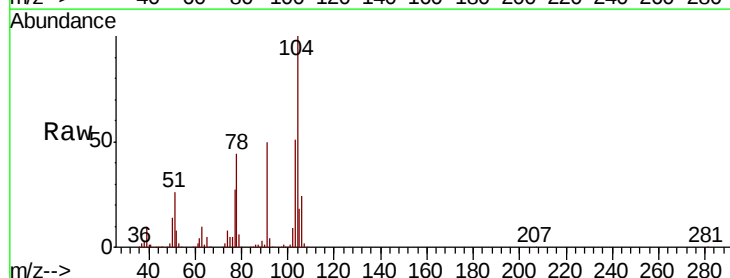
Instrument :
MSVOA_N
ClientSampled :

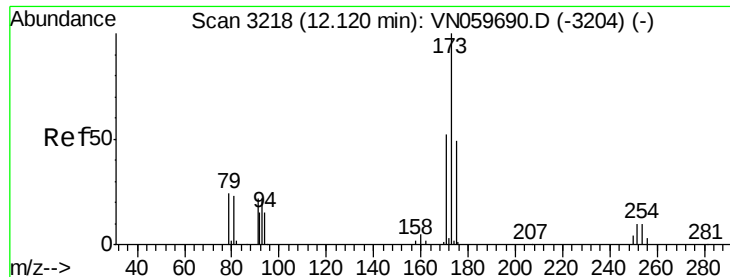
Tot Ion:106 Resp: 186391
Ion Ratio Lower Upper
106 100
91 209.9 110.3 330.9



#70
Styrene
Concen: 52.052 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

Tgt Ion:104 Resp: 314727
Ion Ratio Lower Upper
104 100
78 48.1 42.4 63.6
103 54.4 43.9 65.9

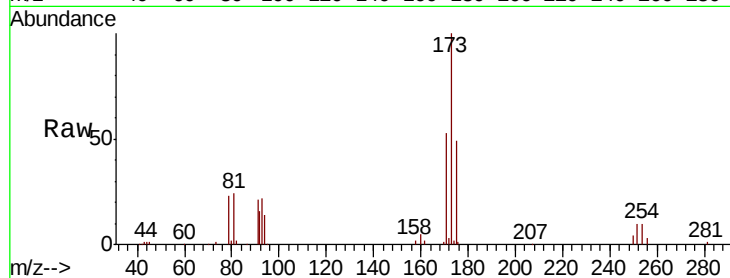




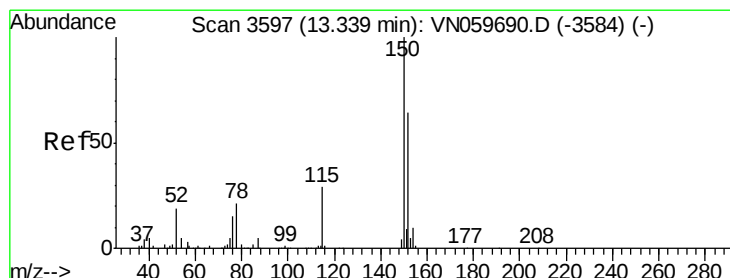
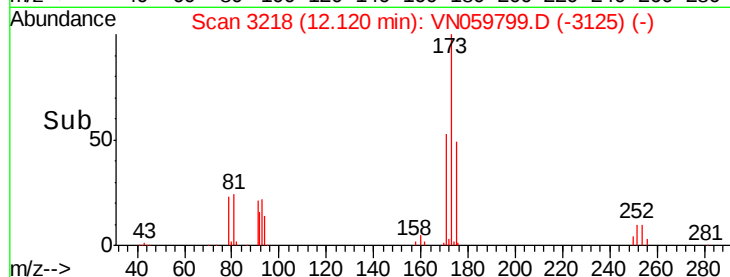
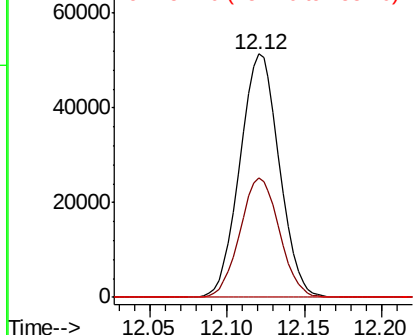
#71
Bromoform
Concen: 54.715 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 91151
Ion Ratio Lower Upper
173 100
175 48.9 23.8 71.4
254 0.0 0.0 0.0

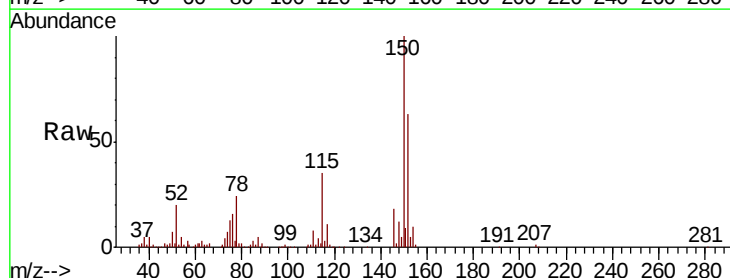


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

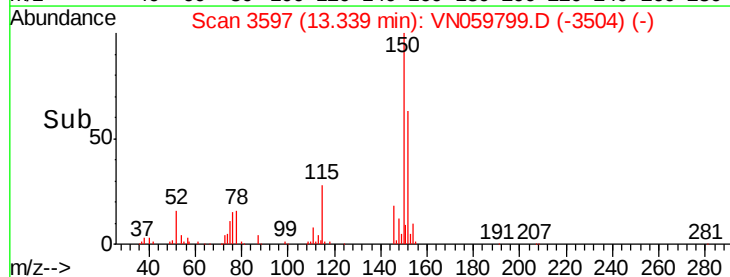
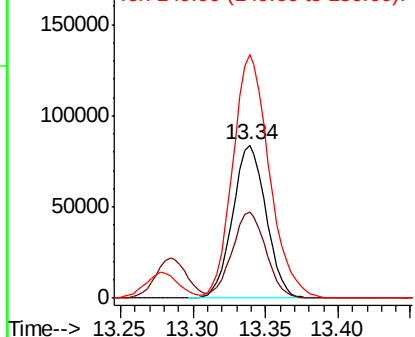


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

Tgt Ion:152 Resp: 134268
Ion Ratio Lower Upper
152 100
115 57.0 30.3 90.9
150 174.1 0.0 345.2



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





#73

Isopropylbenzene

Concen: 50.592 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN059799.D

Acq: 20 Jan 2020 20:01

Instrument :

MSVOA_N

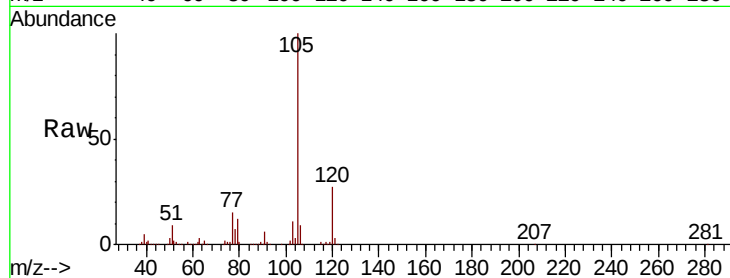
ClientSampleId :

Tot Ion:105 Resp: 498184

Ion Ratio Lower Upper

105 100

120 27.0 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.24

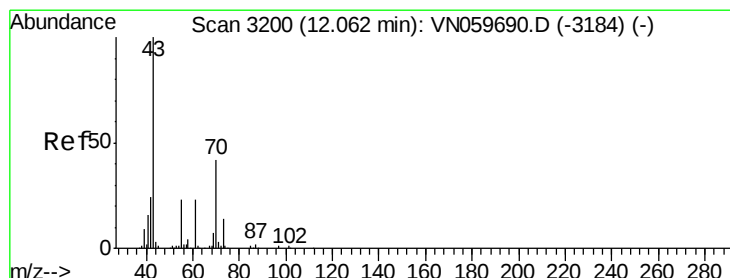
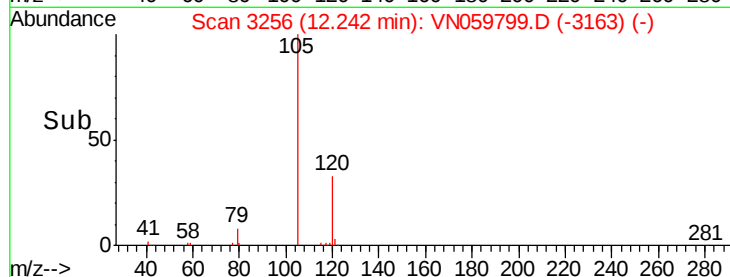
300000

200000

100000

0

Time--> 12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 47.836 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN059799.D

Acq: 20 Jan 2020 20:01

Tgt Ion: 43 Resp: 182780

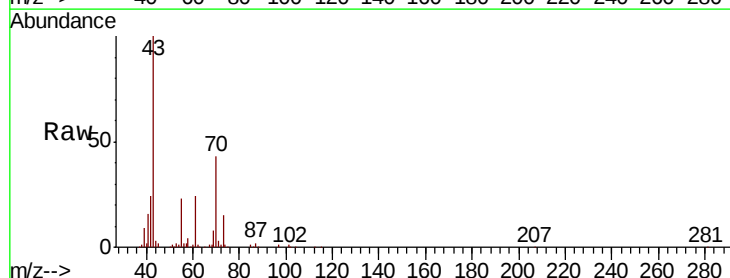
Ion Ratio Lower Upper

43 100

70 43.6 31.3 46.9

55 23.7 19.8 29.6

61 24.9 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

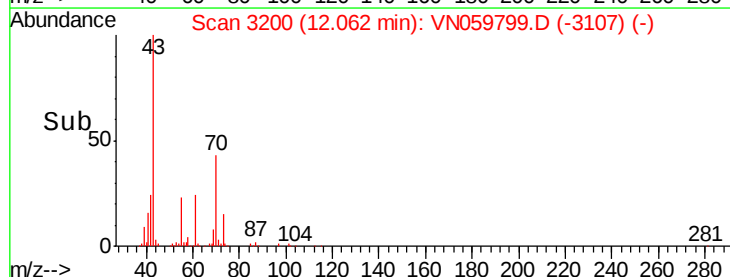
150000

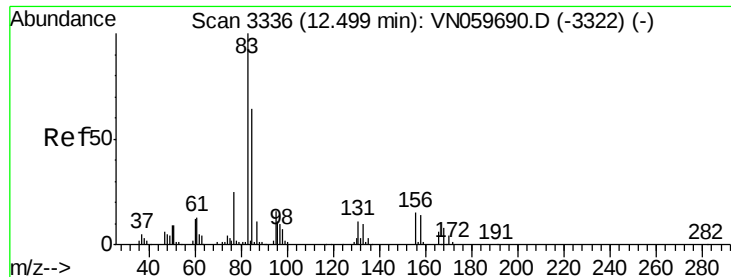
100000

50000

0

Time--> 12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 52.555 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059799.D

Acq: 20 Jan 2020 20:01

Instrument :

MSVOA_N

ClientSampleId :

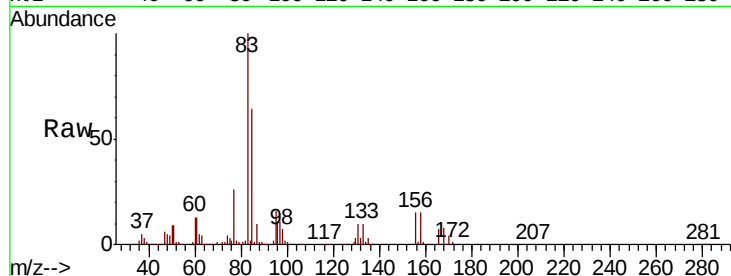
Tot Ion: 83 Resp: 150027

Ion Ratio Lower Upper

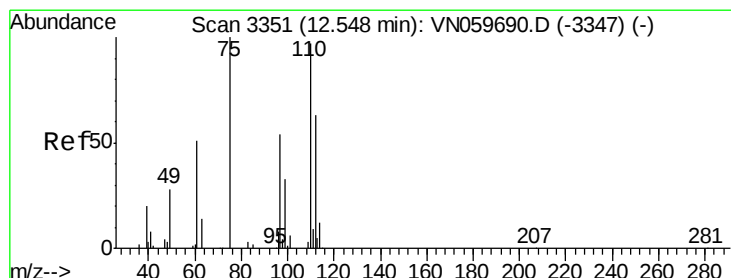
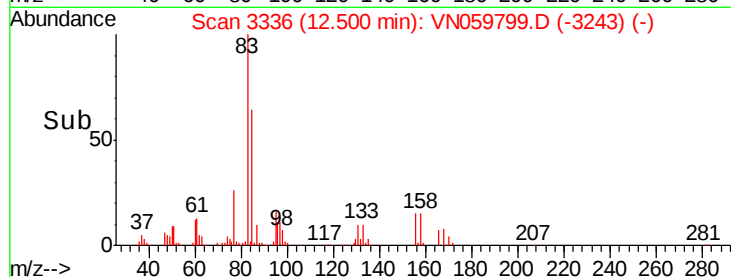
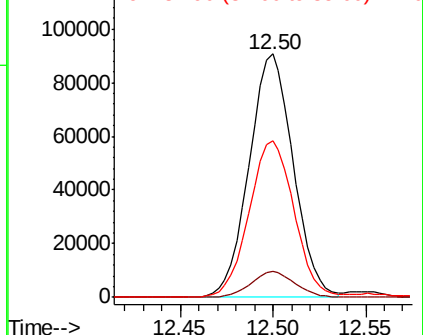
83 100

131 10.6 5.0 14.9

85 65.6 31.9 95.5



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



#76

1,2,3-Trichloropropane

Concen: 84.232 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059799.D

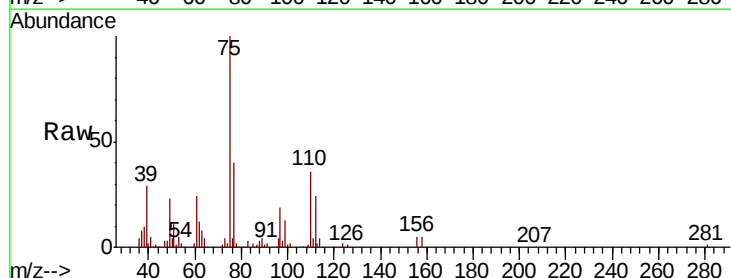
Acq: 20 Jan 2020 20:01

Tgt Ion: 75 Resp: 190331

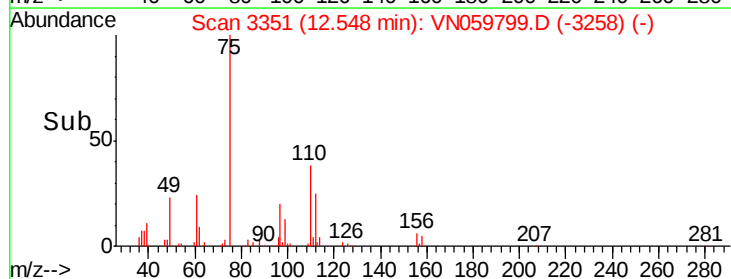
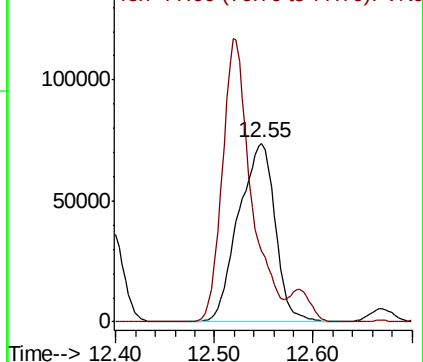
Ion Ratio Lower Upper

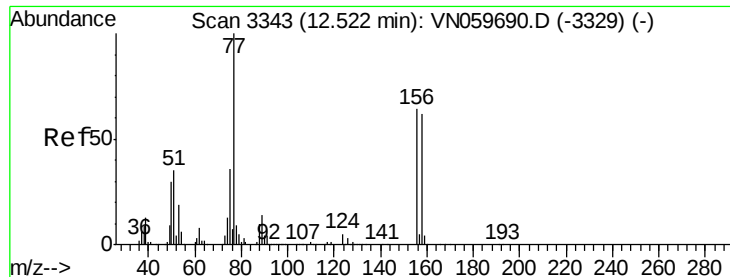
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 51.146 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059799.D

Acq: 20 Jan 2020 20:01

Instrument :

MSVOA_N

ClientSampled :

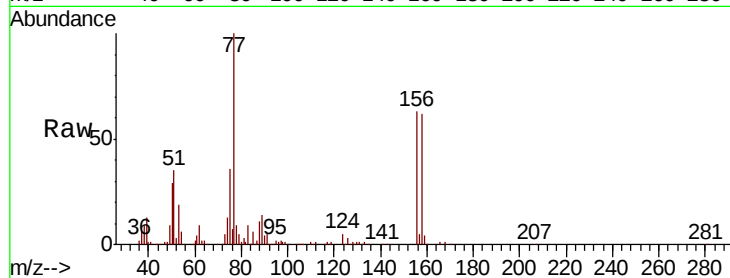
Tot Ion:156 Resp: 127541

Ion Ratio Lower Upper

156 100

77 188.4 115.8 347.4

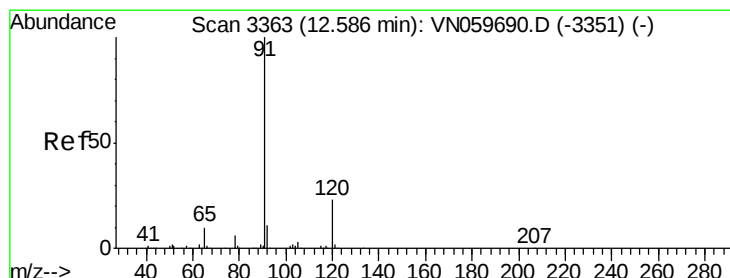
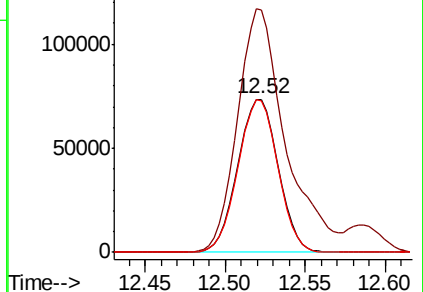
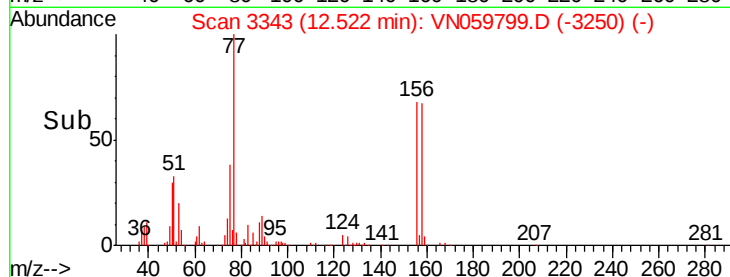
158 97.9 49.2 147.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.582 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059799.D

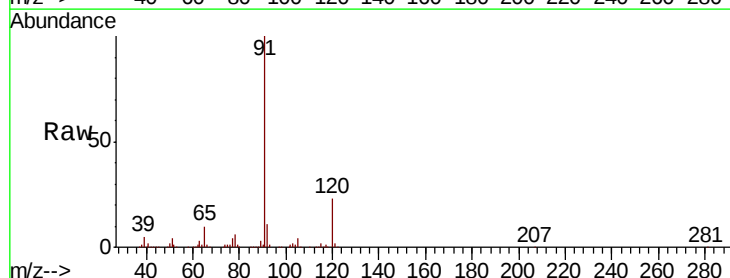
Acq: 20 Jan 2020 20:01

Tgt Ion: 91 Resp: 559050

Ion Ratio Lower Upper

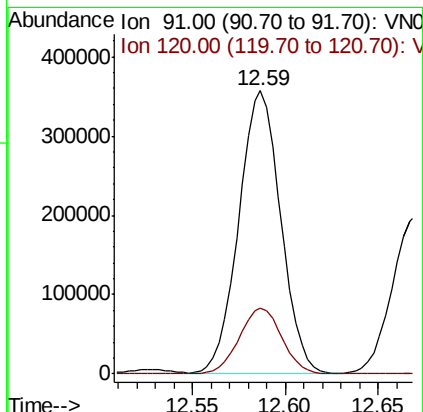
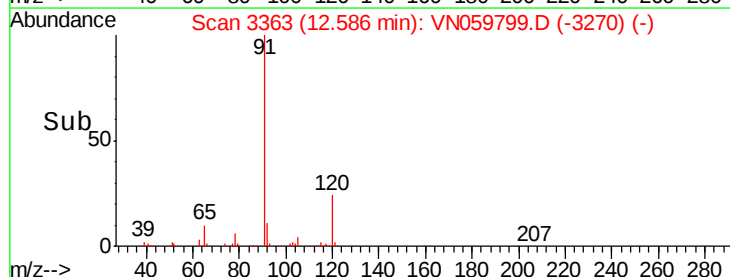
91 100

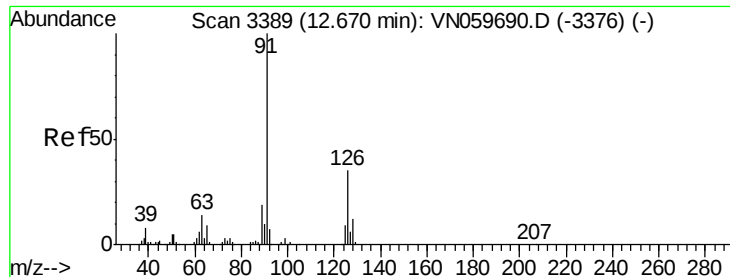
120 23.8 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.666 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059799.D

Acq: 20 Jan 2020 20:01

Instrument :

MSVOA_N

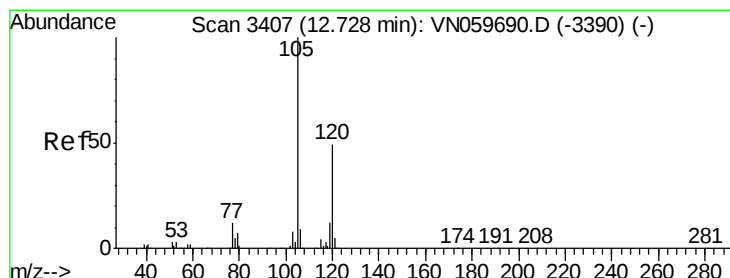
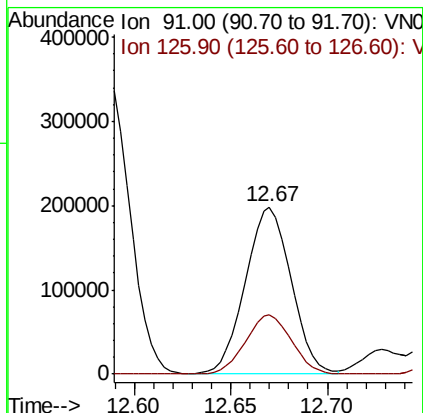
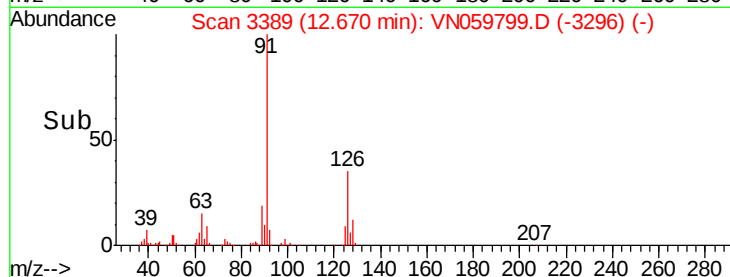
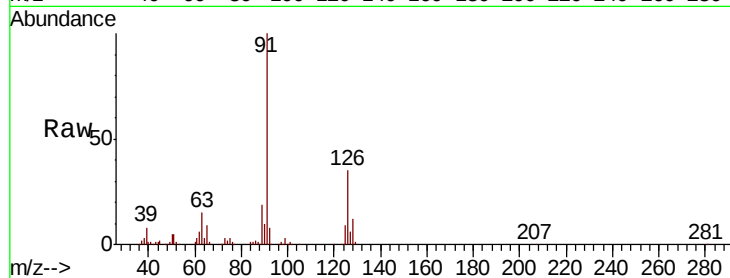
ClientSampled :

Tot Ion: 91 Resp: 326555

Ion Ratio Lower Upper

91 100

126 35.7 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 50.612 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059799.D

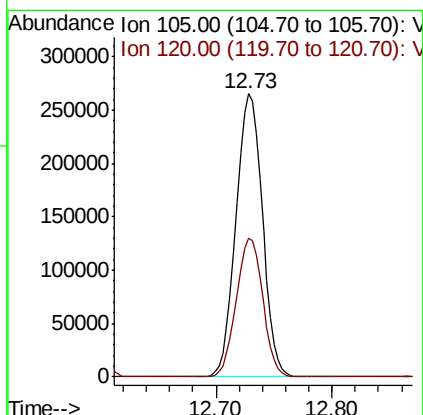
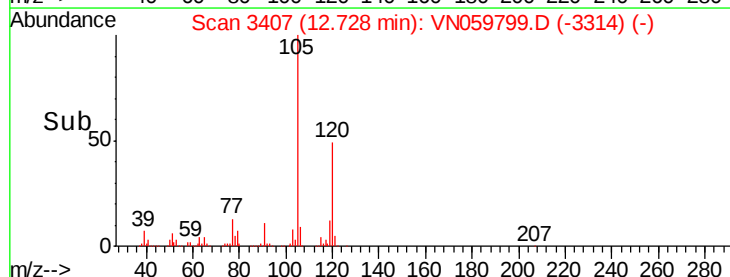
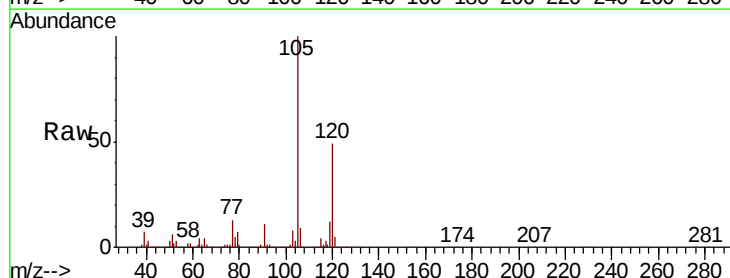
Acq: 20 Jan 2020 20:01

Tgt Ion: 105 Resp: 419136

Ion Ratio Lower Upper

105 100

120 49.0 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 49.139 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN059799.D

Acq: 20 Jan 2020 20:01

Instrument :

MSVOA_N

ClientSampleId :

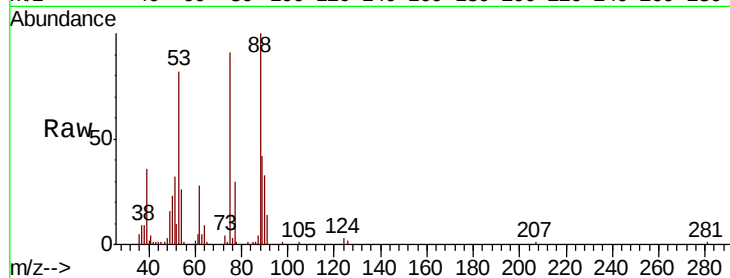
Tot Ion: 75 Resp: 51704

Ion Ratio Lower Upper

75 100

53 92.0 78.1 117.1

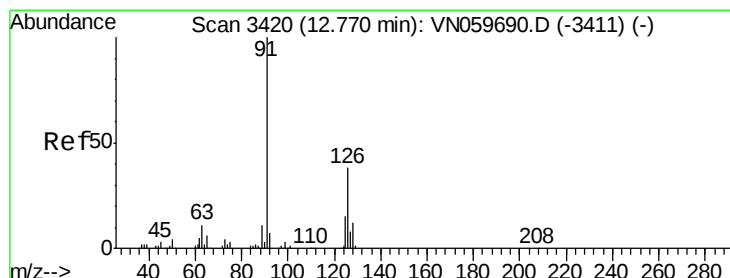
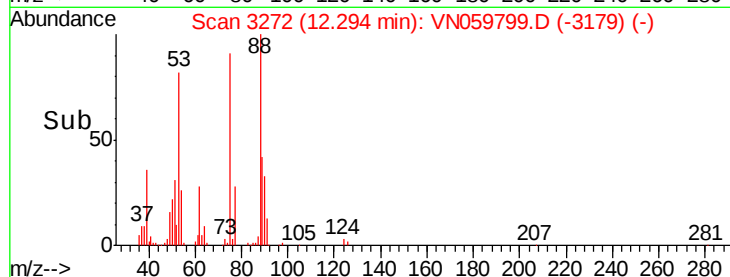
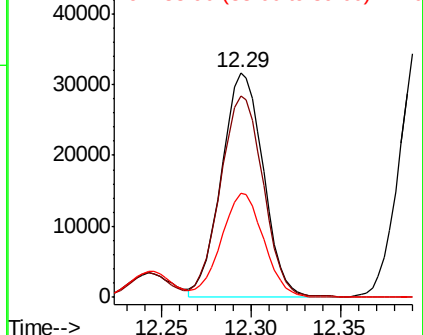
89 47.0 35.4 53.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 50.743 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN059799.D

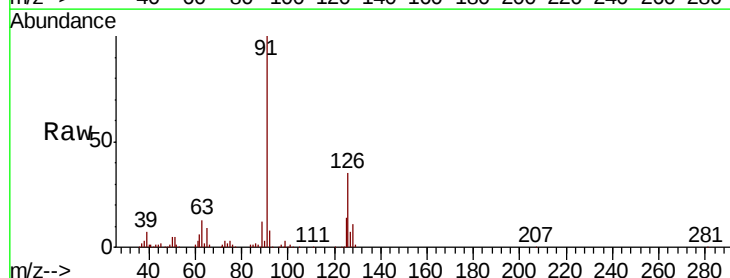
Acq: 20 Jan 2020 20:01

Tgt Ion: 91 Resp: 334643

Ion Ratio Lower Upper

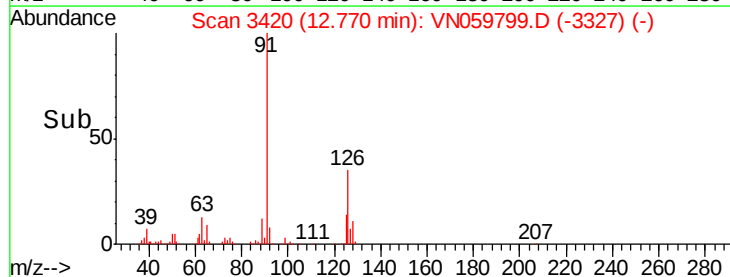
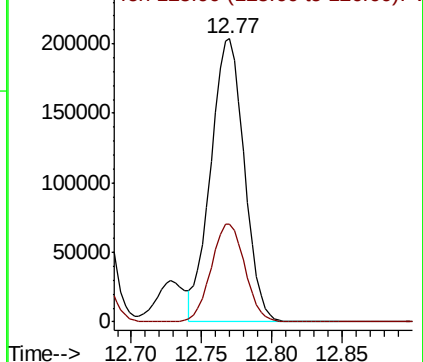
91 100

126 34.9 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

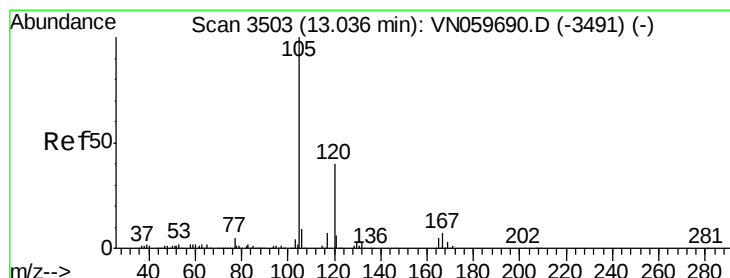
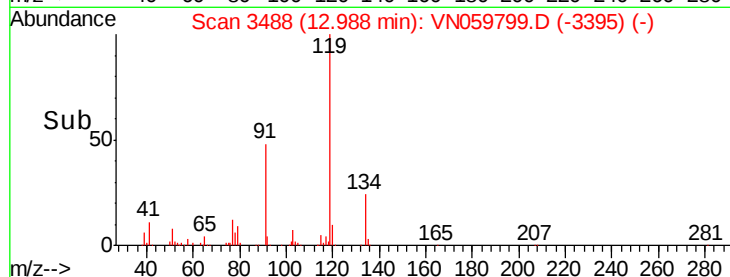
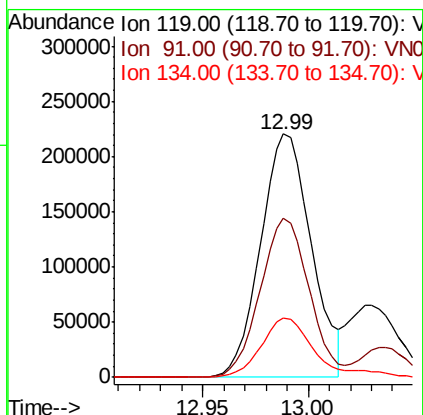
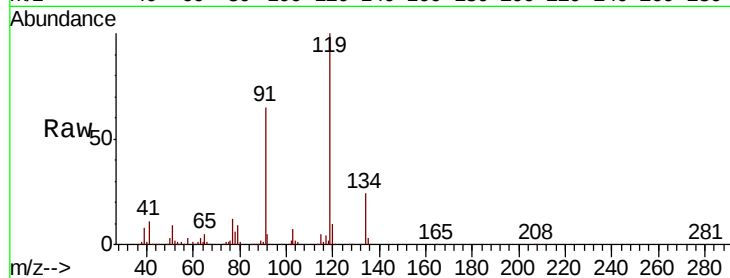




#83
tert-Butylbenzene
Concen: 51.487 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. 0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

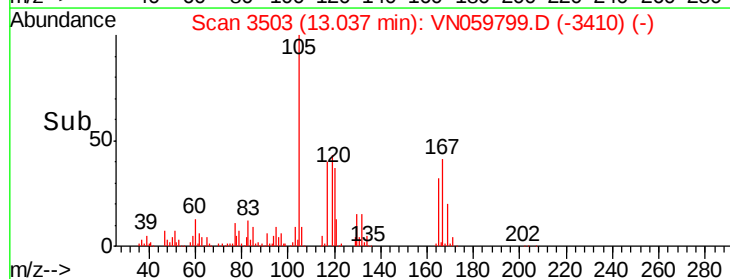
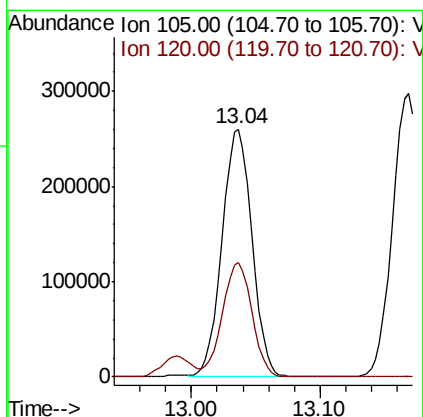
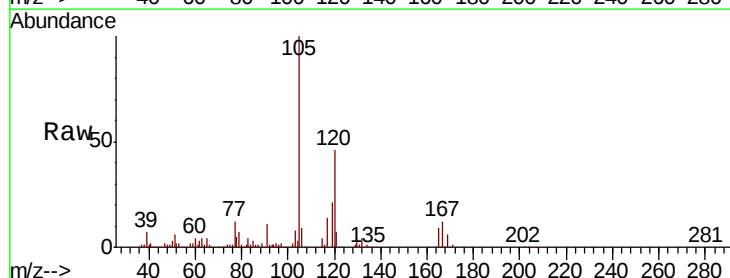
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 368774
Ion Ratio Lower Upper
119 100
91 63.0 34.8 104.4
134 25.8 12.3 36.9



#84
1,2,4-Trimethylbenzene
Concen: 51.148 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN059799.D
Acq: 20 Jan 2020 20:01

Tgt Ion:105 Resp: 419053
Ion Ratio Lower Upper
105 100
120 45.7 22.3 66.9





#85

sec-Butylbenzene

Concen: 50.702 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN059799.D

Acq: 20 Jan 2020 20:01

Instrument :

MSVOA_N

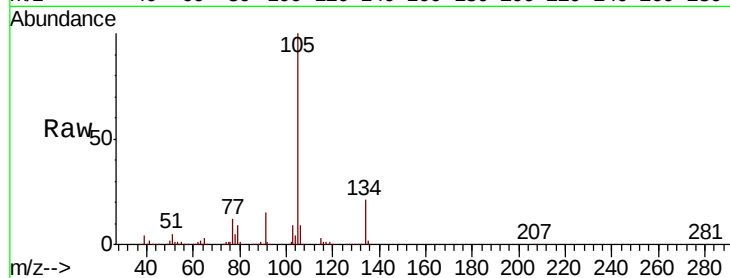
ClientSampleId :

Tot Ion:105 Resp: 477124

Ion Ratio Lower Upper

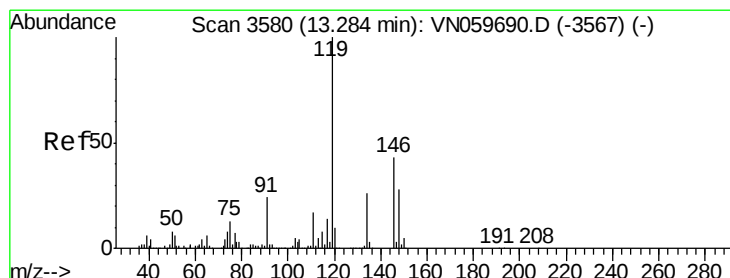
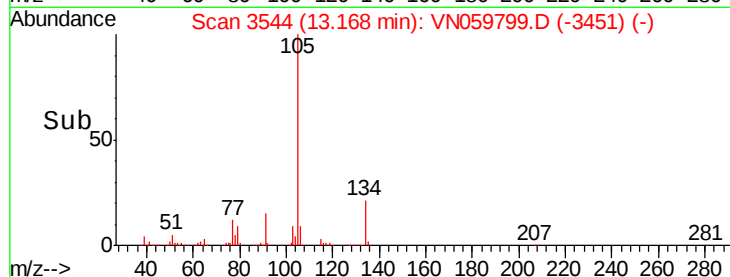
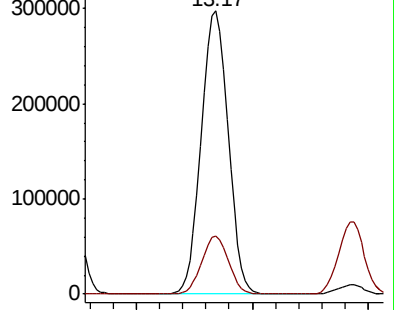
105 100

134 20.3 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.832 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059799.D

Acq: 20 Jan 2020 20:01

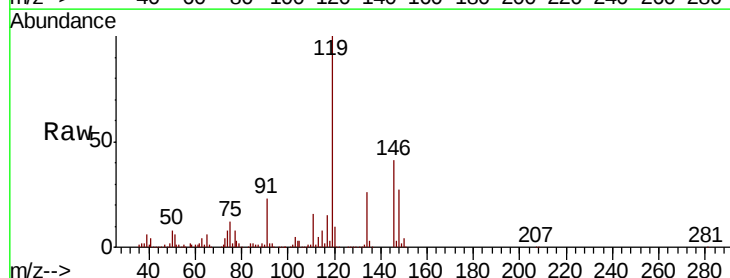
Tgt Ion:119 Resp: 442610

Ion Ratio Lower Upper

119 100

134 26.5 12.9 38.7

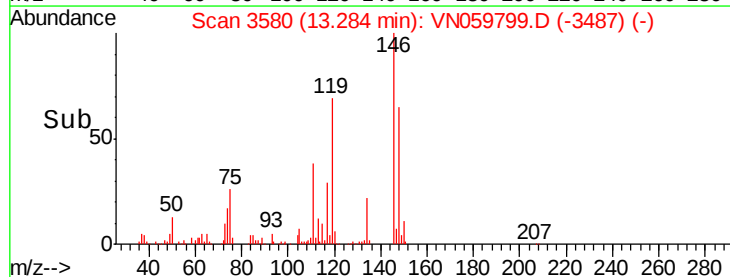
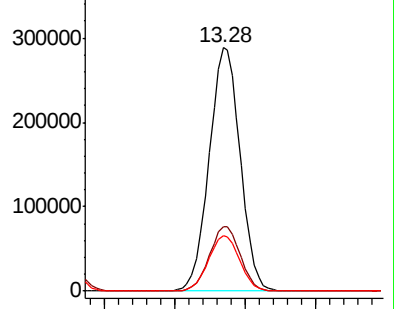
91 23.0 12.4 37.4

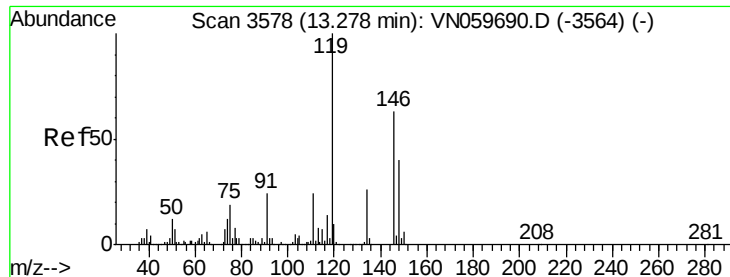


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 52.092 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN059799.D

Acq: 20 Jan 2020 20:01

Instrument :

MSVOA_N

ClientSampled :

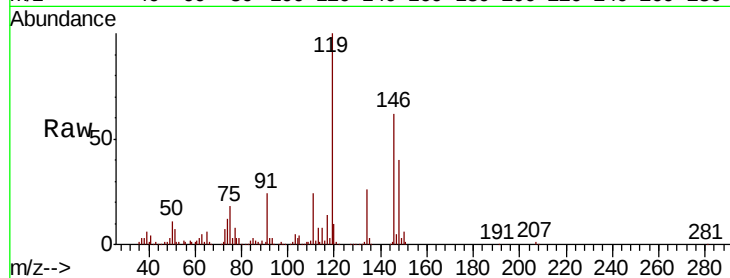
Tot Ion:146 Resp: 225646

Ion Ratio Lower Upper

146 100

111 38.4 20.8 62.2

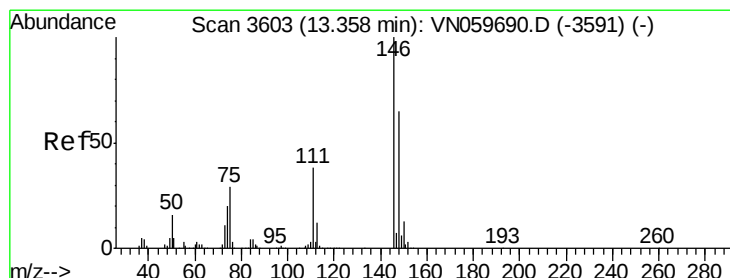
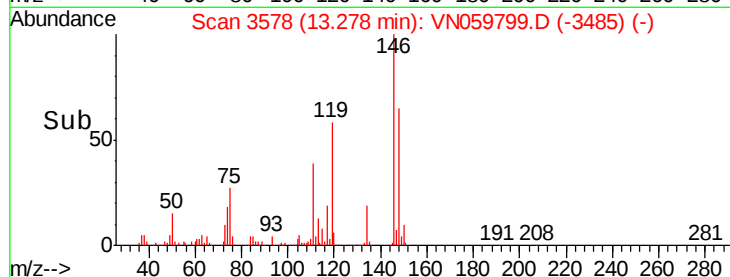
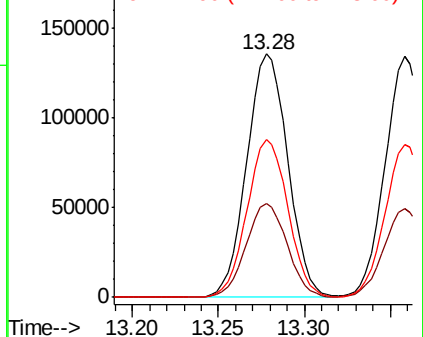
148 64.4 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 51.650 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN059799.D

Acq: 20 Jan 2020 20:01

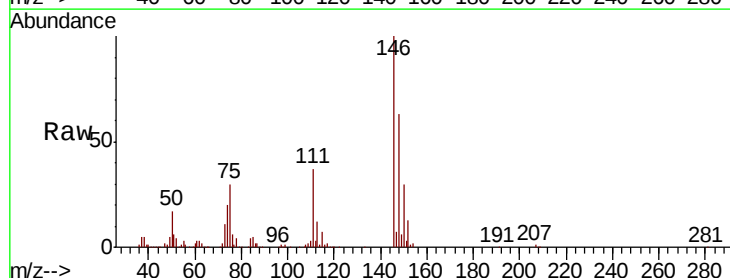
Tgt Ion:146 Resp: 223191

Ion Ratio Lower Upper

146 100

111 37.4 20.8 62.2

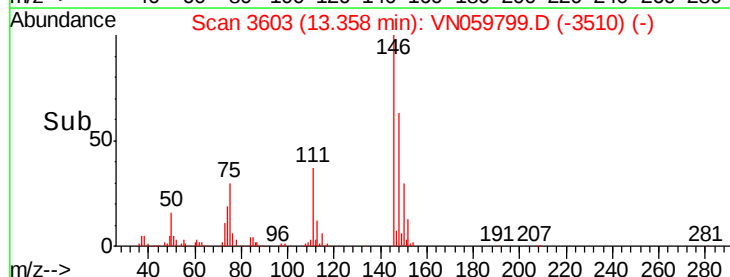
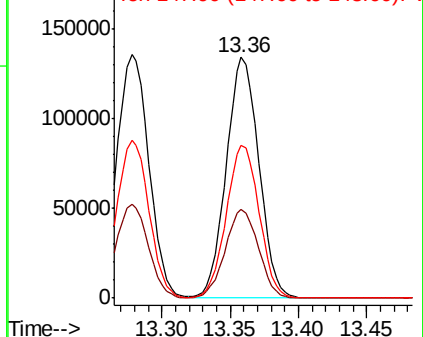
148 64.2 31.8 95.4

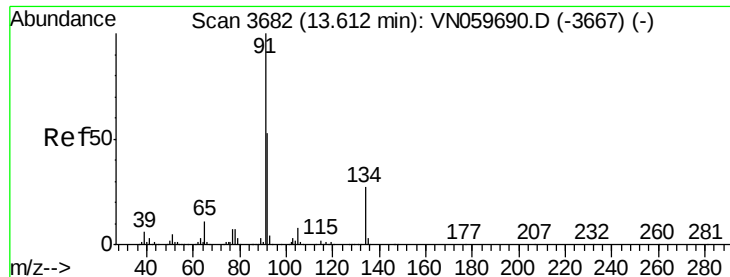


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 50.339 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN059799.D

Acq: 20 Jan 2020 20:01

Instrument :

MSVOA_N

ClientSampleId :

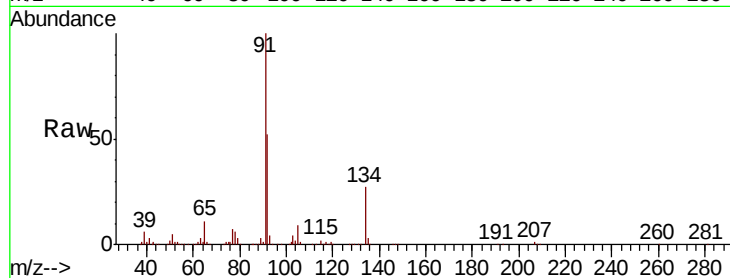
Tot Ion: 91 Resp: 373727

Ion Ratio Lower Upper

91 100

92 51.9 25.9 77.7

134 26.9 12.3 36.8

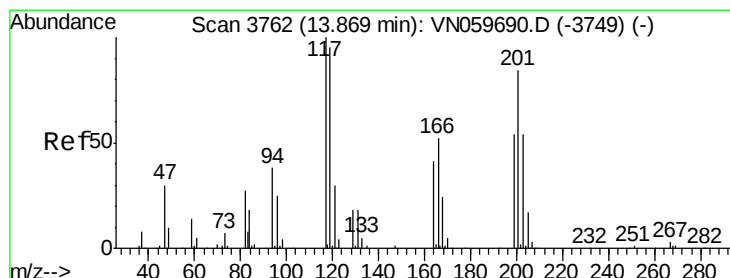
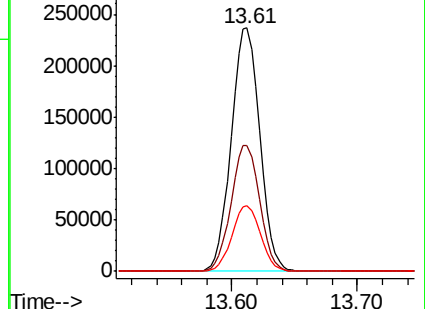
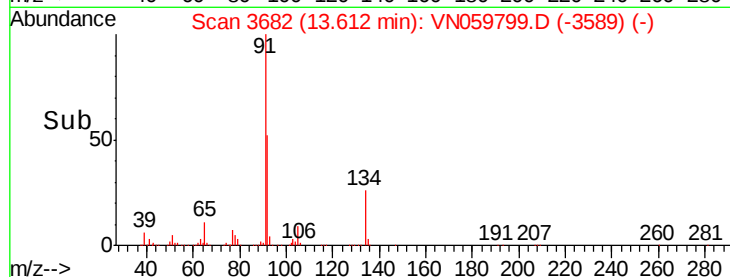


Abundance Ion 91.00 (90.70 to 91.70): VN059690.D (-3667) (-)

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

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

Time-->



#90

Hexachloroethane

Concen: 51.072 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. 0.00 min

Lab File: VN059799.D

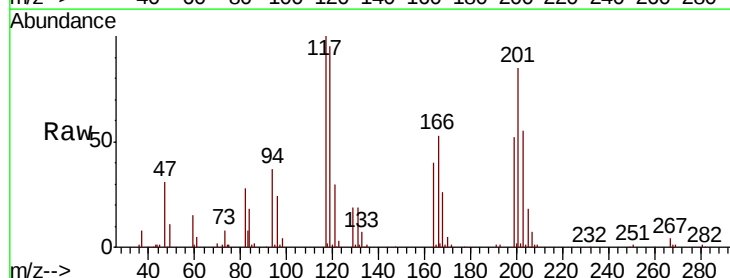
Acq: 20 Jan 2020 20:01

Tgt Ion: 117 Resp: 83203

Ion Ratio Lower Upper

117 100

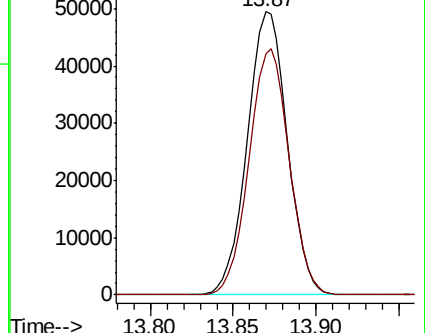
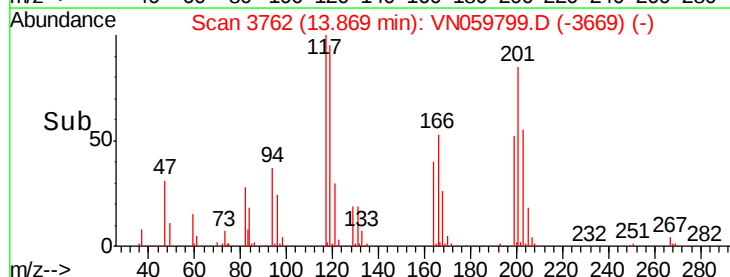
201 86.8 37.8 113.4



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

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

Time-->

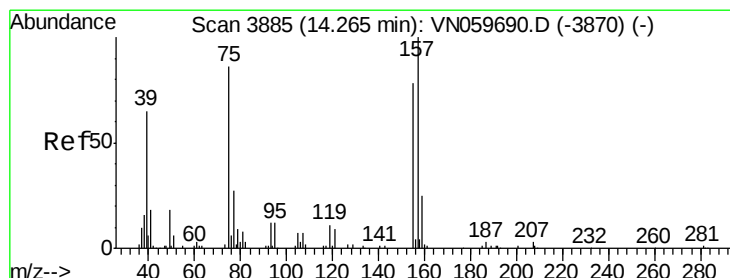
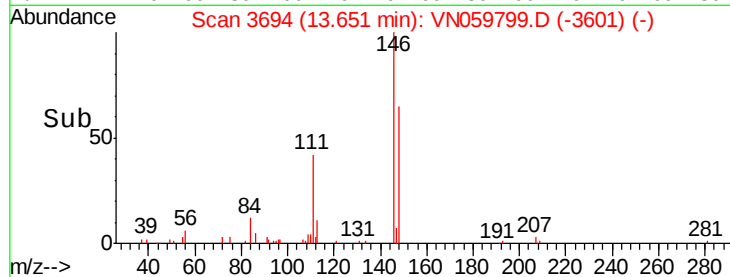
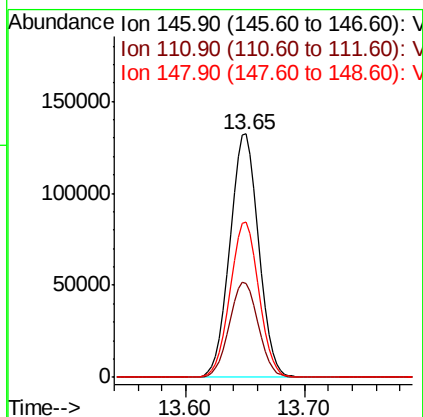
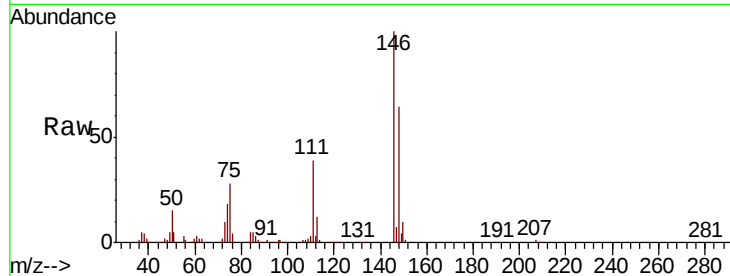




#91
 1,2-Dichlorobenzene
 Concen: 51.690 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059799.D
 Acq: 20 Jan 2020 20:01

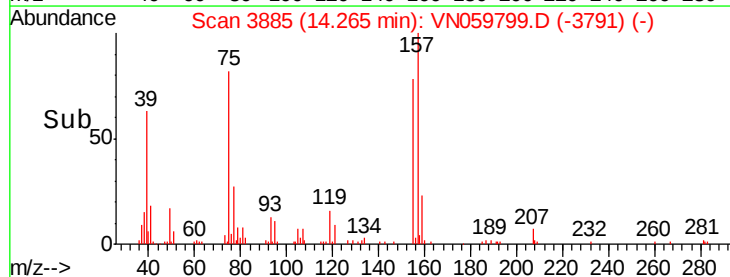
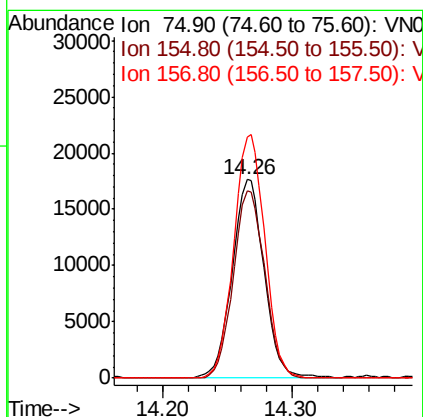
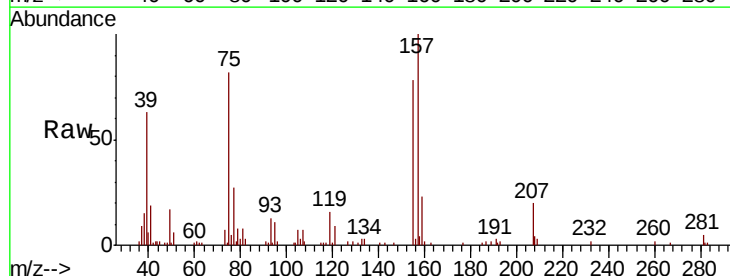
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	21.6	64.8
148	64.0	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.688 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN059799.D
 Acq: 20 Jan 2020 20:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.2	37.0	110.9
157	118.5	48.4	145.2

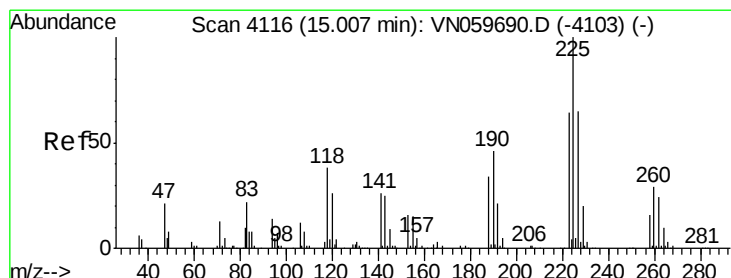
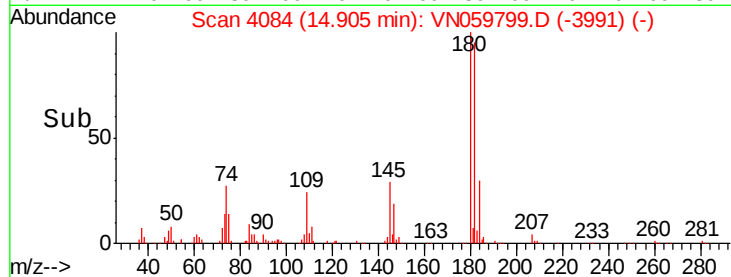
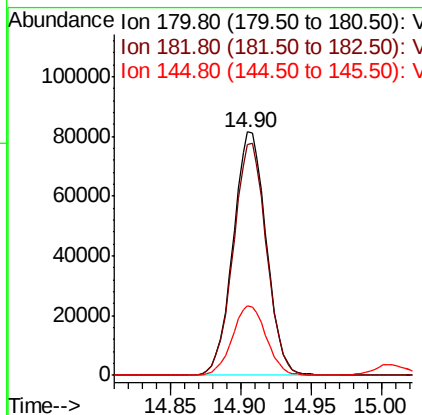
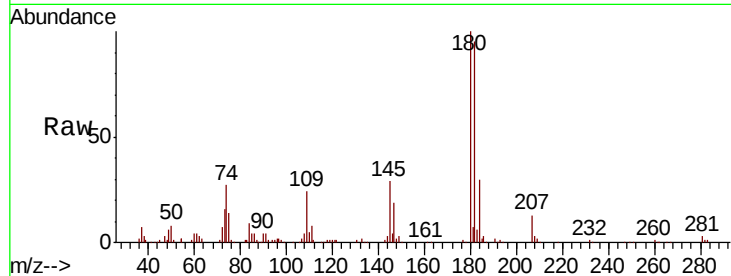




#93
 1,2,4-Trichlorobenzene
 Concen: 52.100 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN059799.D
 Acq: 20 Jan 2020 20:01

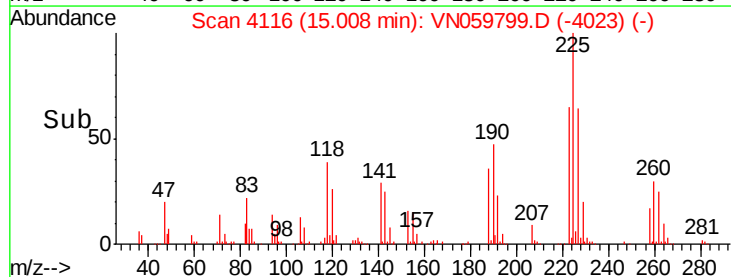
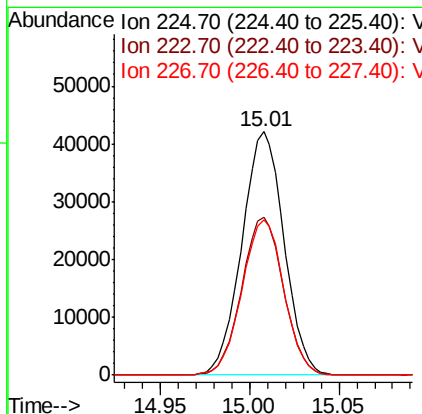
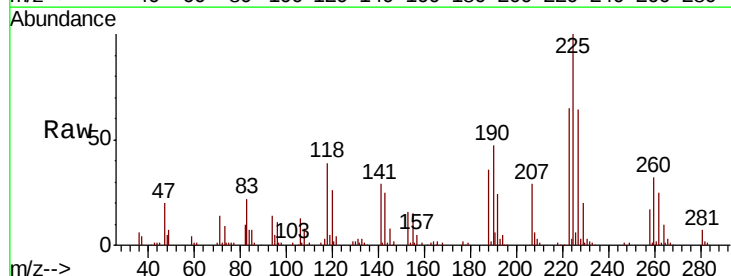
Instrument :
 MSVOA_N
 ClientSampled :

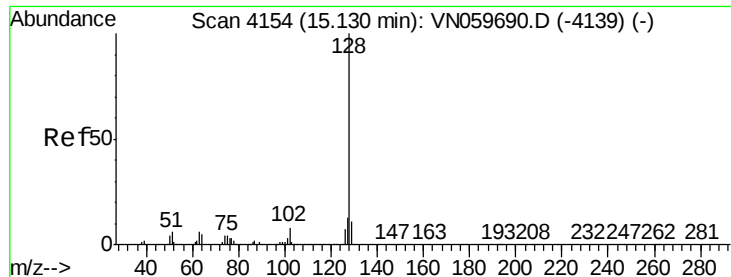
Tot Ion:180 Resp: 134061
 Ion Ratio Lower Upper
 180 100
 182 95.3 46.9 140.7
 145 29.2 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 48.917 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059799.D
 Acq: 20 Jan 2020 20:01

Tgt Ion:225 Resp: 69363
 Ion Ratio Lower Upper
 225 100
 223 64.2 31.8 95.3
 227 63.4 32.1 96.5





#95

Naphthalene

Concen: 50.242 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059799.D

Acq: 20 Jan 2020 20:01

Instrument :

MSVOA_N

ClientSampled :

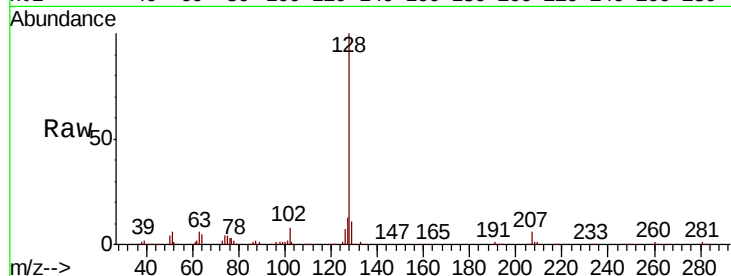
Tot Ion:128 Resp: 367723

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

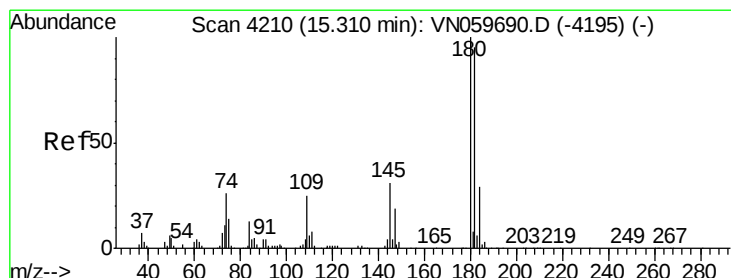
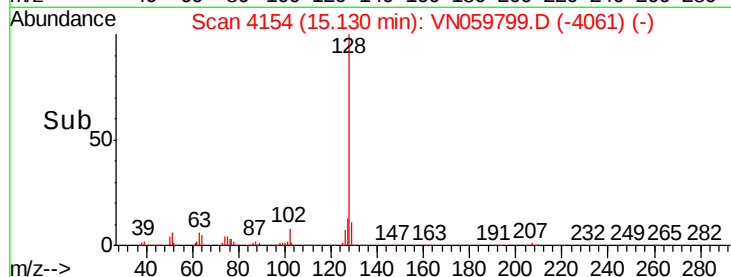
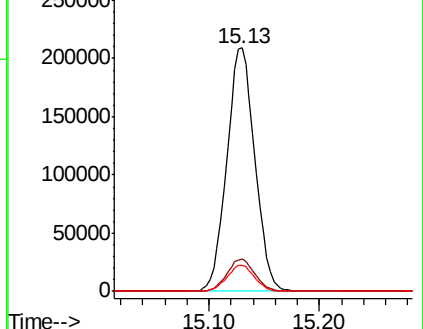
129 10.6 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.951 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN059799.D

Acq: 20 Jan 2020 20:01

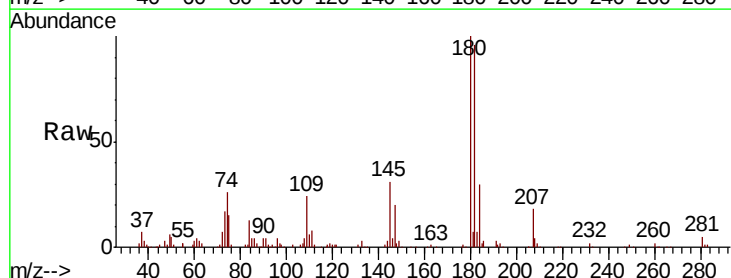
Tgt Ion:180 Resp: 127614

Ion Ratio Lower Upper

180 100

182 95.3 47.4 142.3

145 31.3 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

