

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033119\
 Data File : VN054862.D
 Acq On : 31 Mar 2019 20:24
 Operator : JC/SP
 Sample : VN0331WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 01 02:50:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	385521	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	666870	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	569518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	229398	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	280882	54.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.10%	
35) Dibromofluoromethane	7.59	113	223116	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	10.09	98	814320	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.40	95	264152	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	78796	20.206	ug/l	99
3) Chloromethane	2.06	50	114180	21.176	ug/l	99
4) Vinyl Chloride	2.19	62	103008	21.274	ug/l	99
5) Bromomethane	2.58	94	51908	19.057	ug/l	98
6) Chloroethane	2.71	64	57410	21.233	ug/l	99
7) Trichlorofluoromethane	3.02	101	130951	21.998	ug/l	99
8) Diethyl Ether	3.41	74	43904	22.904	ug/l	76
9) 1,1,2-Trichlorotrifluoroet	3.75	101	65577	20.926	ug/l	94
10) Methyl Iodide	3.94	142	80398	18.741	ug/l #	88
11) Tert butyl alcohol	4.82	59	33118	122.311	ug/l	100
12) 1,1-Dichloroethene	3.73	96	67522	22.281	ug/l #	76
13) Acrolein	3.61	56	25459	105.175	ug/l	96
14) Allyl chloride	4.32	41	156417	20.955	ug/l #	91
15) Acrylonitrile	5.00	53	175161	116.384	ug/l	100
16) Acetone	3.82	43	125758	101.476	ug/l #	83
17) Carbon Disulfide	4.04	76	190351	19.366	ug/l	97
18) Methyl Acetate	4.34	43	84107	25.608	ug/l #	88
19) Methyl tert-butyl Ether	5.06	73	240747	22.711	ug/l	99
20) Methylene Chloride	4.55	84	102729	23.500	ug/l #	83
21) trans-1,2-Dichloroethene	5.03	96	86560	21.746	ug/l	90
22) Diisopropyl ether	5.96	45	335463	22.723	ug/l #	94
23) Vinyl Acetate	5.90	43	1171118	113.991	ug/l #	93
24) 1,1-Dichloroethane	5.85	63	178277	22.638	ug/l	98
25) 2-Butanone	6.85	43	214245	116.952	ug/l #	87
26) 2,2-Dichloropropane	6.82	77	95048	17.220	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	99396	22.105	ug/l	89
28) Bromochloromethane	7.19	49	88715	22.528	ug/l #	74
29) Tetrahydrofuran	7.22	42	149931	117.839	ug/l #	83
30) Chloroform	7.37	83	172089	22.916	ug/l	99
31) Cyclohexane	7.65	56	161984	21.395	ug/l	91
32) 1,1,1-Trichloroethane	7.57	97	139801	22.465	ug/l	95
36) 1,1-Dichloropropene	7.79	75	121509	19.554	ug/l	95
37) Ethyl Acetate	6.94	43	96266	21.126	ug/l #	97
38) Carbon Tetrachloride	7.77	117	120160	19.909	ug/l	97

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Quant Time: Apr 01 02:50:11 2019
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 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	130313	19.075	ug/l	89
40) Benzene	8.04	78	375817	21.137	ug/l	100
41) Methacrylonitrile	7.18	41	56689	22.146	ug/l	90
42) 1,2-Dichloroethane	8.13	62	133819	21.078	ug/l	99
43) Isopropyl Acetate	8.17	43	169868	22.942	ug/l #	91
44) Trichloroethene	8.84	130	95624	20.718	ug/l	92
45) 1,2-Dichloropropane	9.12	63	107844	21.271	ug/l	98
46) Dibromomethane	9.21	93	59958	21.023	ug/l	89
47) Bromodichloromethane	9.40	83	127383	21.491	ug/l	97
48) Methyl methacrylate	9.20	41	83229	20.737	ug/l	88
49) 1,4-Dioxane	9.21	88	19348	485.834	ug/l #	85
51) 4-Methyl-2-Pentanone	9.99	43	469376	112.754	ug/l	92
52) Toluene	10.16	92	223234	21.099	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	110911	19.892	ug/l	96
54) cis-1,3-Dichloropropene	9.84	75	138083	20.732	ug/l #	90
55) 1,1,2-Trichloroethane	10.56	97	83504	21.226	ug/l	97
56) Ethyl methacrylate	10.43	69	107292	20.790	ug/l #	81
57) 1,3-Dichloropropane	10.71	76	143371	21.198	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	204106	98.367	ug/l #	88
59) 2-Hexanone	10.75	43	284959	106.931	ug/l	91
60) Dibromochloromethane	10.90	129	85118	21.359	ug/l	99
61) 1,2-Dibromoethane	11.01	107	82202	21.865	ug/l	99
64) Tetrachloroethene	10.63	164	90692	20.752	ug/l	97
65) Chlorobenzene	11.43	112	230590	20.680	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	88527	21.211	ug/l	98
67) Ethyl Benzene	11.51	91	416624	20.705	ug/l	97
68) m/p-Xylenes	11.62	106	304661	40.914	ug/l	94
69) o-Xylene	11.95	106	149139	20.425	ug/l	94
70) Styrene	11.96	104	244233	20.919	ug/l	97
71) Bromoform	12.13	173	50500	20.654	ug/l #	98
73) Isopropylbenzene	12.25	105	397875	21.220	ug/l	96
74) N-amyl acetate	12.07	43	126692	21.689	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.50	83	102507	23.906	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	116263	29.174	ug/l #	100
77) Bromobenzene	12.53	156	94966	20.986	ug/l	83
78) n-propylbenzene	12.59	91	427830	20.760	ug/l	96
79) 2-Chlorotoluene	12.67	91	270300	21.200	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	325251	21.141	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.30	75	18638	18.192	ug/l #	76
82) 4-Chlorotoluene	12.77	91	255542	20.635	ug/l	96
83) tert-Butylbenzene	12.99	119	272401	21.669	ug/l	93
84) 1,2,4-Trimethylbenzene	13.04	105	313727	21.404	ug/l	98
85) sec-Butylbenzene	13.17	105	343548	20.556	ug/l	98
86) p-Isopropyltoluene	13.29	119	297170	20.160	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	154205	20.353	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	151516	20.390	ug/l	98
89) n-Butylbenzene	13.62	91	226910	18.867	ug/l	97
90) Hexachloroethane	13.87	117	50309	20.102	ug/l	87
91) 1,2-Dichlorobenzene	13.65	146	159105	20.808	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13866	21.632	ug/l	84

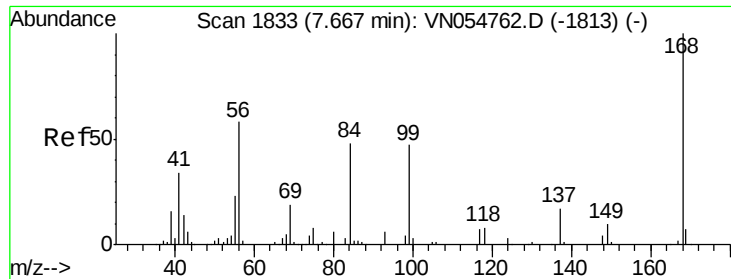
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Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	63866	17.325	ug/l	98
94) Hexachlorobutadiene	15.01	225	45372	19.500	ug/l	96
95) Naphthalene	15.13	128	147970	17.897	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	68634	18.436	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

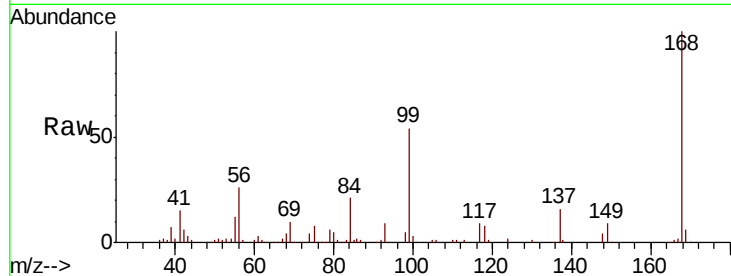
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 385521

Ion Ratio Lower Upper

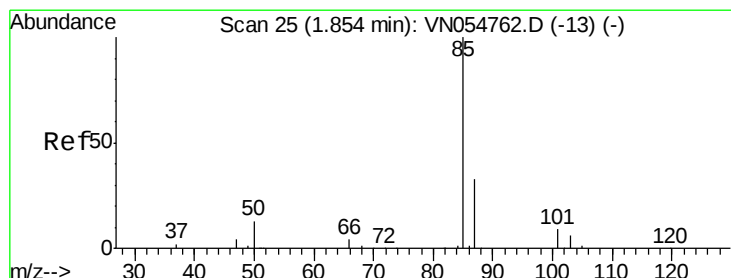
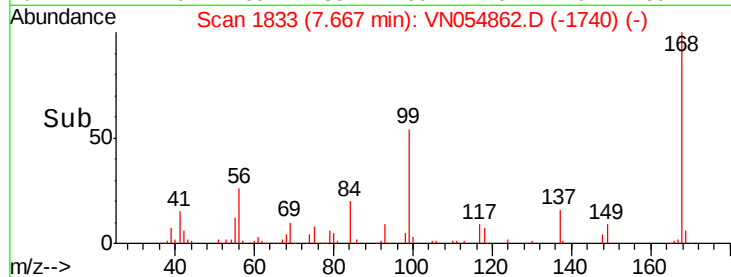
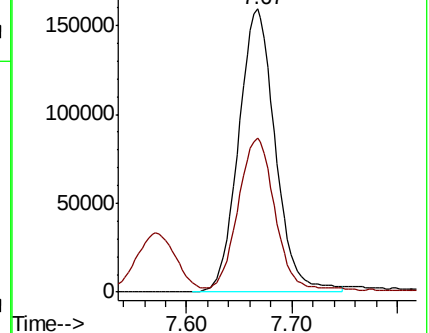
168 100

99 52.9 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 20.206 ug/l

RT: 1.85 min Scan# 25

Delta R.T. -0.00 min

Lab File: VN054862.D

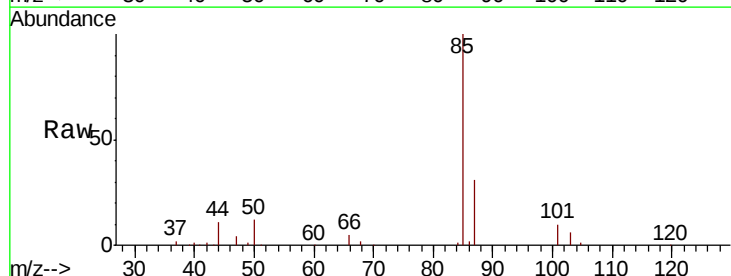
Acq: 31 Mar 2019 20:24

Tgt Ion: 85 Resp: 78796

Ion Ratio Lower Upper

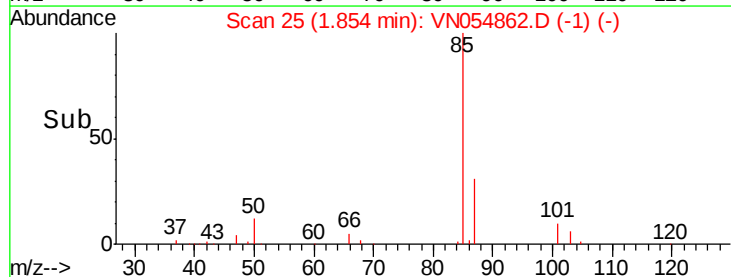
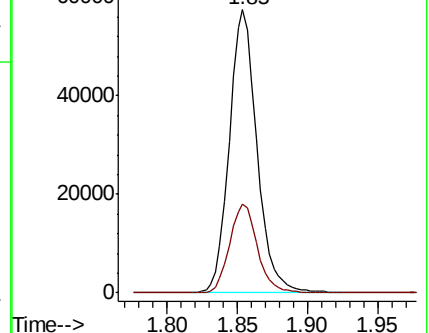
85 100

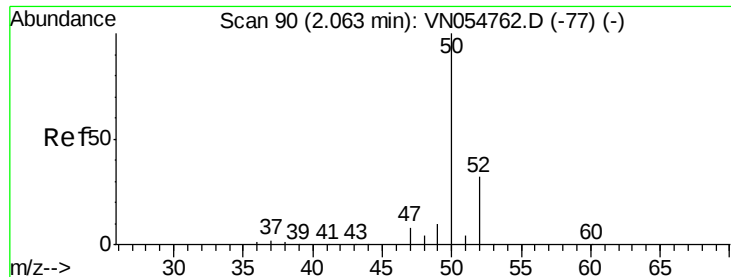
87 31.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 21.176 ug/l

RT: 2.06 min Scan# 90

Delta R.T. -0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

Instrument :

MSVOA_N

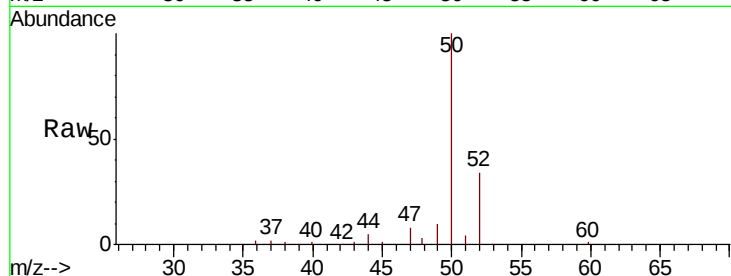
ClientSampleId :

Tot Ion: 50 Resp: 114180

Ion Ratio Lower Upper

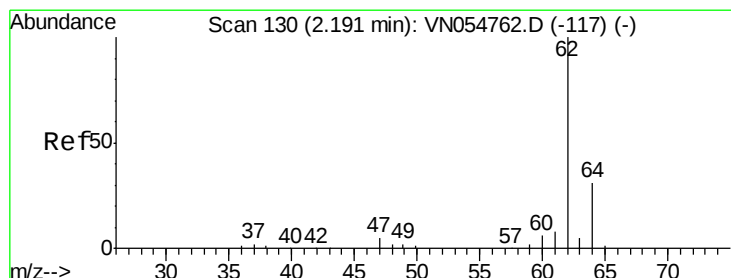
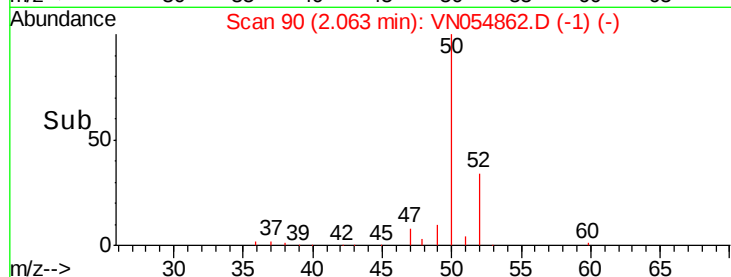
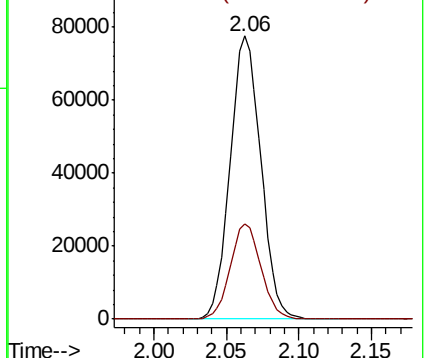
50 100

52 33.6 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 21.274 ug/l

RT: 2.19 min Scan# 130

Delta R.T. -0.00 min

Lab File: VN054862.D

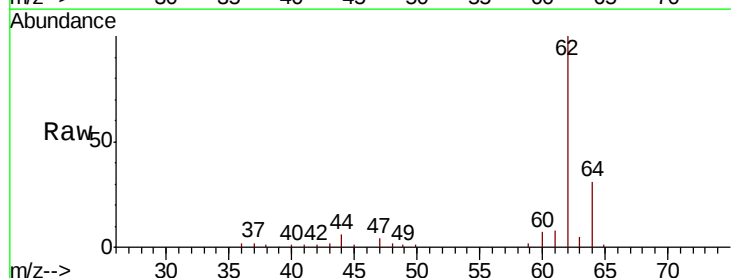
Acq: 31 Mar 2019 20:24

Tgt Ion: 62 Resp: 103008

Ion Ratio Lower Upper

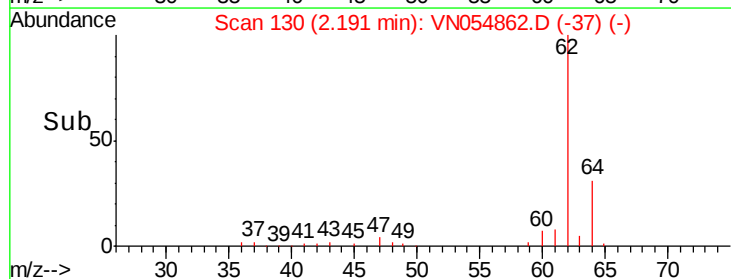
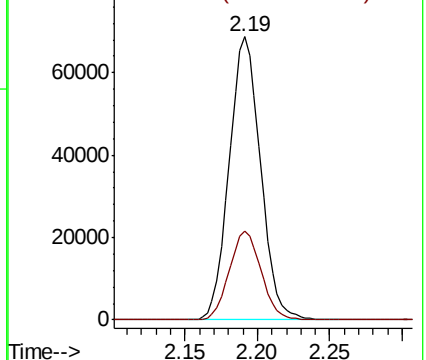
62 100

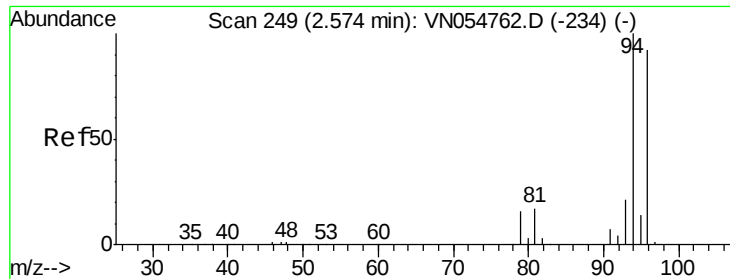
64 31.3 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 19.057 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

Instrument :

MSVOA_N

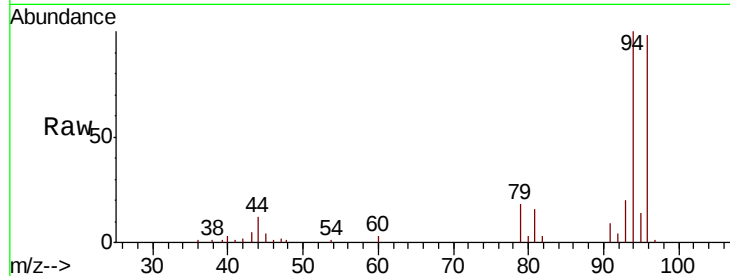
ClientSampled :

Tot Ion: 94 Resp: 51908

Ion Ratio Lower Upper

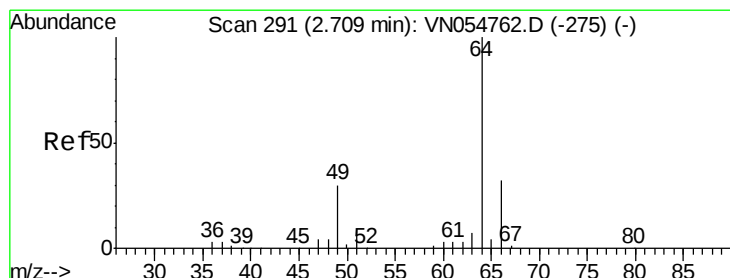
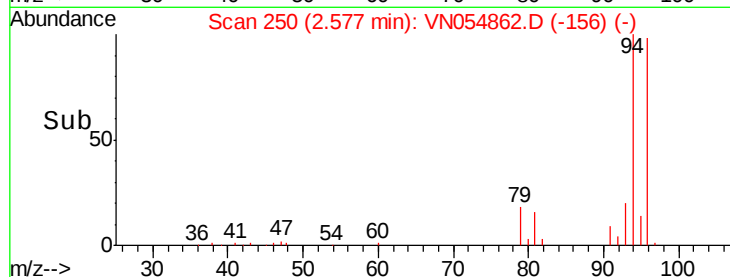
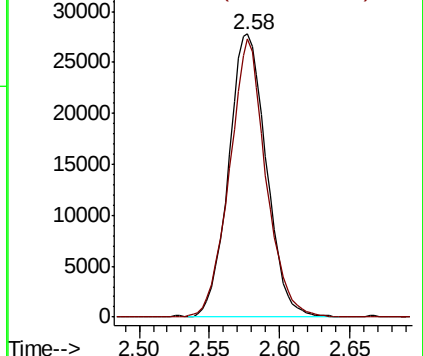
94 100

96 98.4 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 21.233 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN054862.D

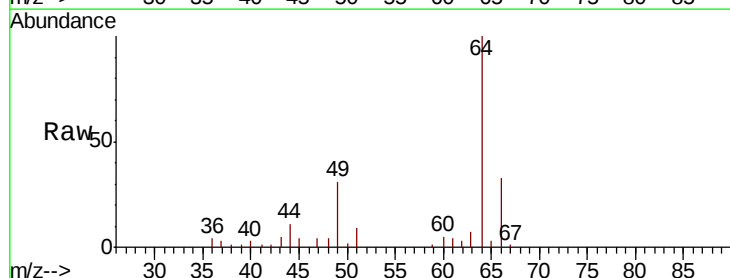
Acq: 31 Mar 2019 20:24

Tgt Ion: 64 Resp: 57410

Ion Ratio Lower Upper

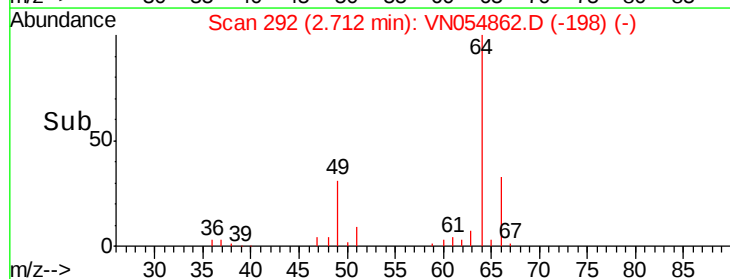
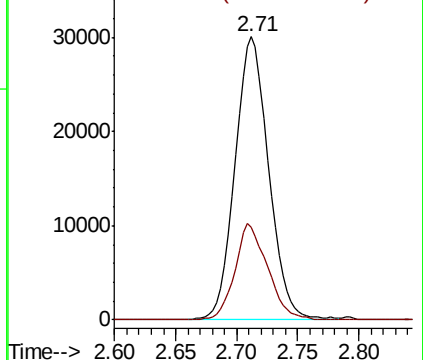
64 100

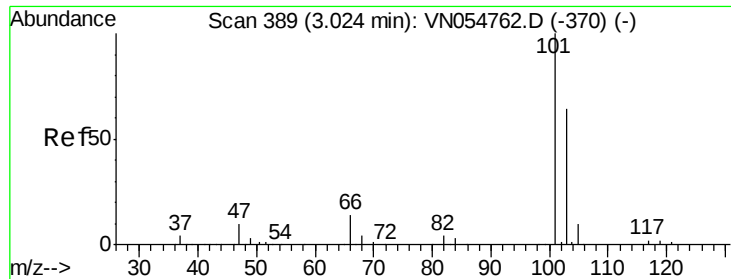
66 32.7 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



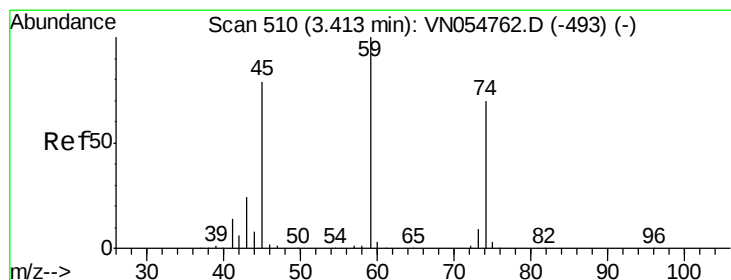
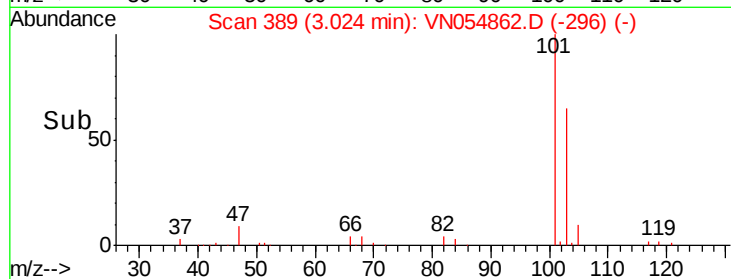
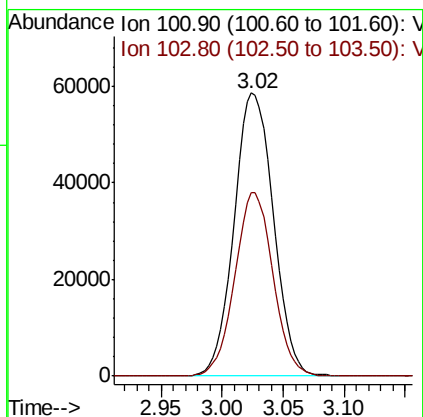
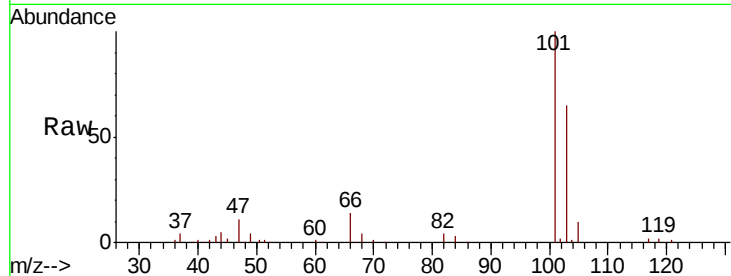


#7

Trichlorofluoromethane
 Concen: 21.998 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VN054862.D
 Acq: 31 Mar 2019 20:24

Instrument :
 MSVOA_N
 ClientSampleId :

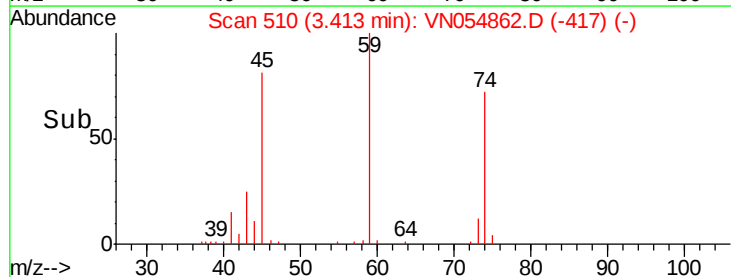
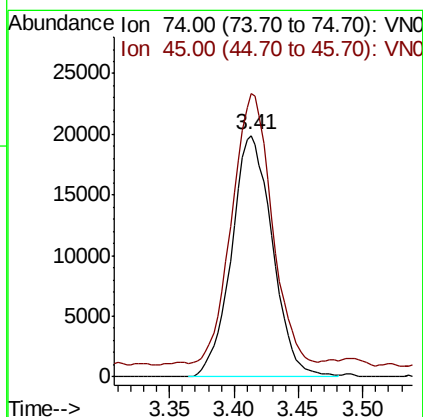
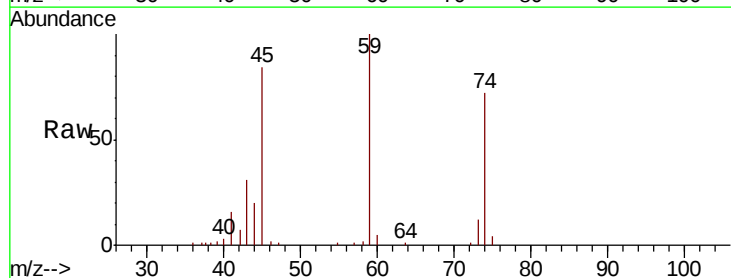
Tot Ion:101 Resp: 130951
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.4 77.2

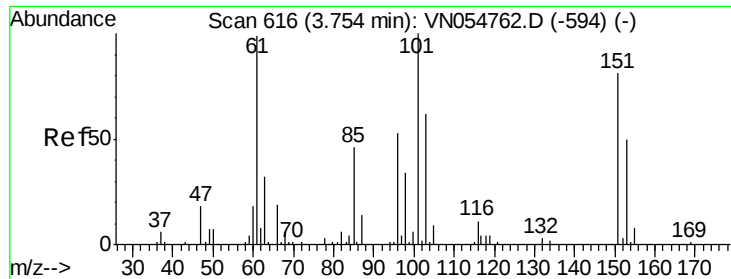


#8

Diethyl Ether
 Concen: 22.904 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VN054862.D
 Acq: 31 Mar 2019 20:24

Tgt Ion: 74 Resp: 43904
 Ion Ratio Lower Upper
 74 100
 45 108.2 43.1 129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.926 ug/l

RT: 3.75 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

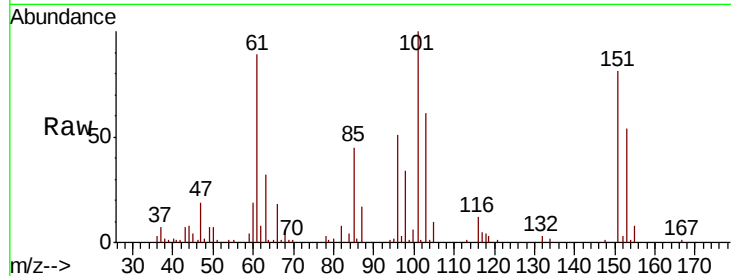
Tot Ion:101 Resp: 65577

Ion Ratio Lower Upper

101 100

85 45.9 32.4 48.6

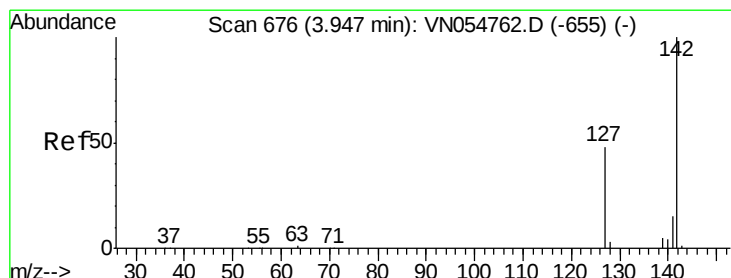
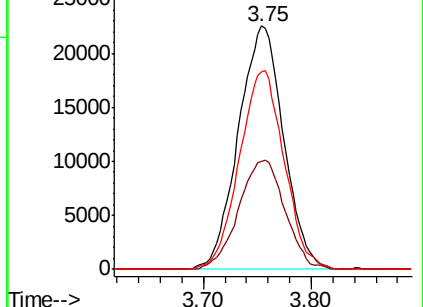
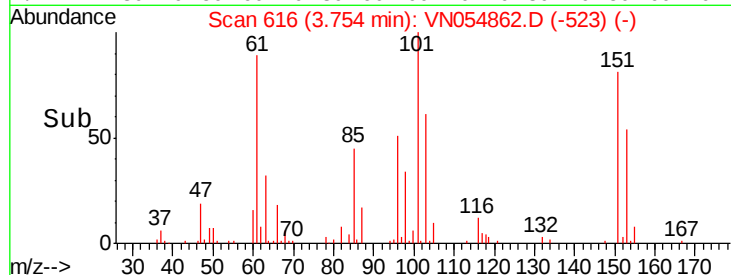
151 80.9 68.2 102.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.741 ug/l

RT: 3.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

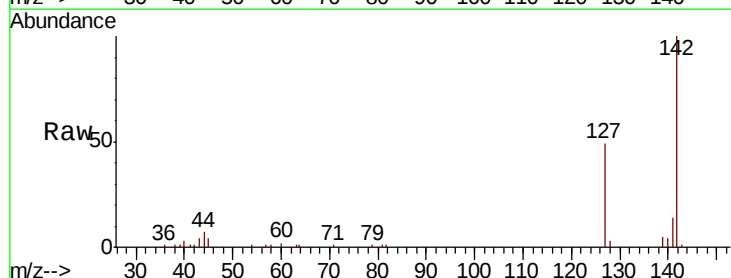
Tgt Ion:142 Resp: 80398

Ion Ratio Lower Upper

142 100

127 47.6 30.3 45.5#

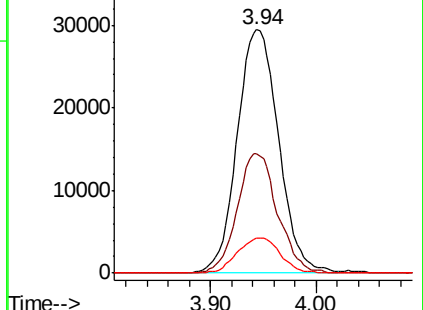
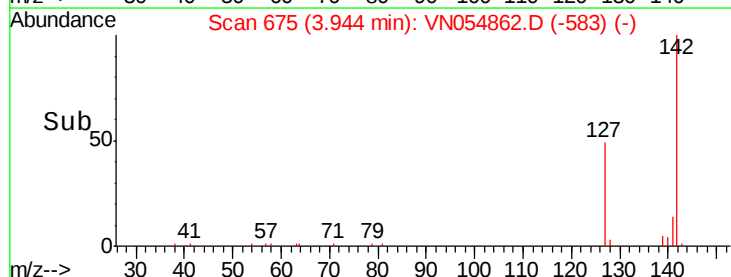
141 14.8 11.2 16.8

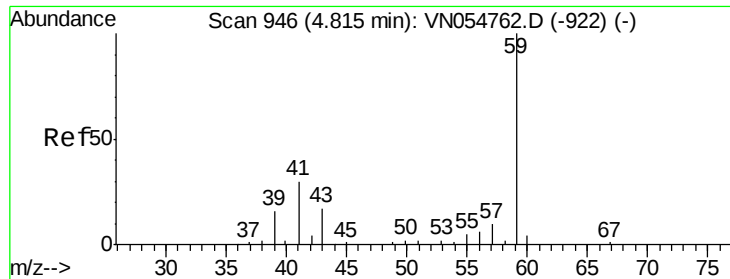


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

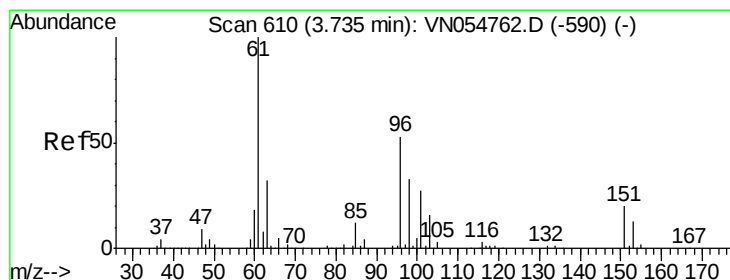
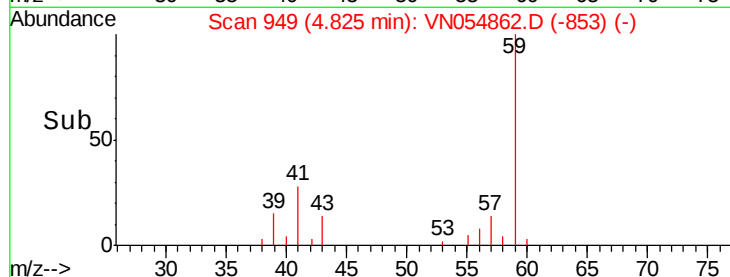
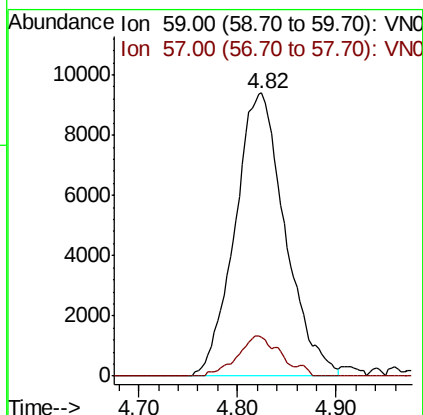
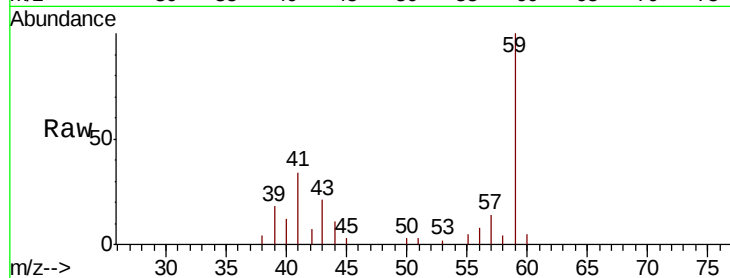




#11
Tert butyl alcohol
Concen: 122.311 ug/l
RT: 4.82 min Scan# 949
Delta R.T. 0.01 min
Lab File: VN054862.D
Acq: 31 Mar 2019 20:24

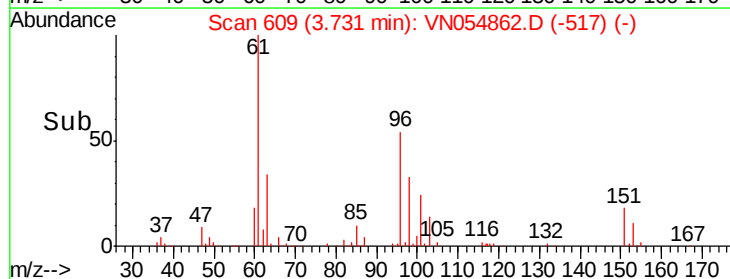
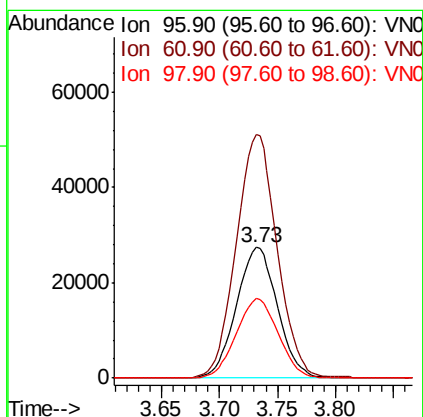
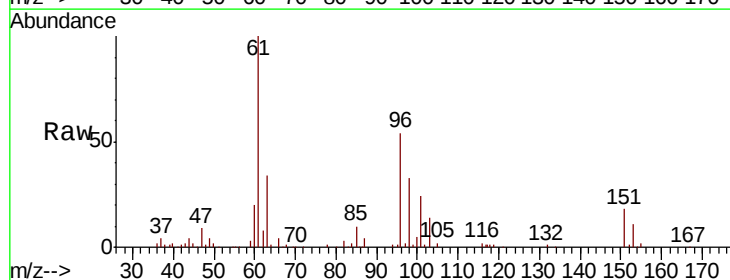
Instrument :
MSVOA_N
ClientSampled :

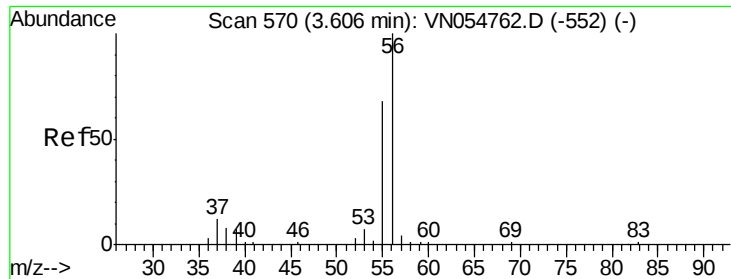
Tot Ion: 59 Resp: 33118
Ion Ratio Lower Upper
59 100
57 11.4 9.0 13.6



#12
1,1-Dichloroethene
Concen: 22.281 ug/l
RT: 3.73 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN054862.D
Acq: 31 Mar 2019 20:24

Tgt Ion: 96 Resp: 67522
Ion Ratio Lower Upper
96 100
61 186.7 116.5 174.7#
98 60.7 51.0 76.4





#13

Acrolein

Concen: 105.175 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

Instrument :

MSVOA_N

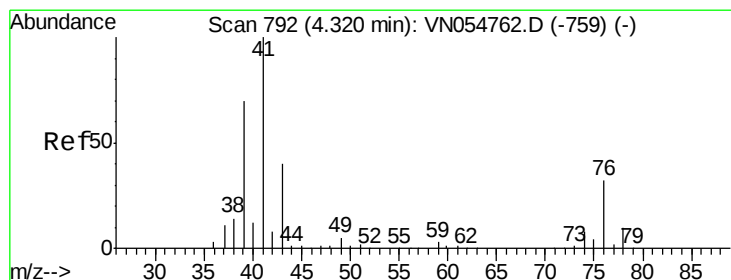
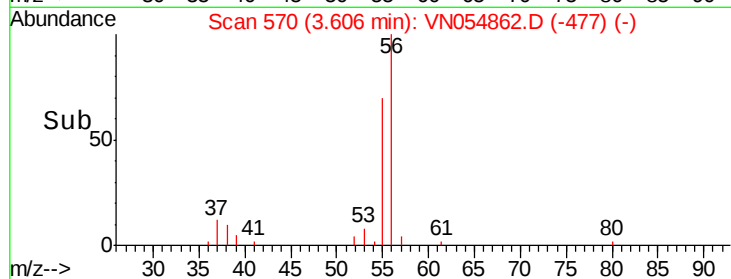
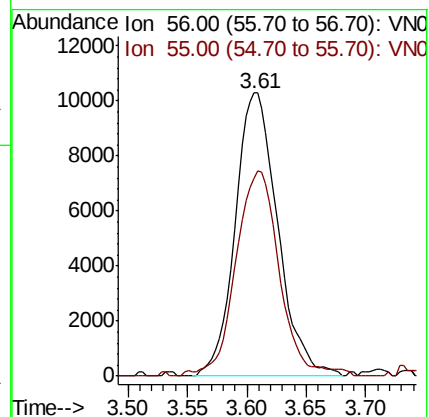
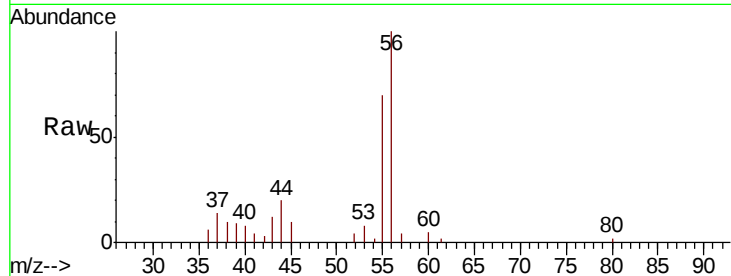
ClientSampleId :

Tot Ion: 56 Resp: 25459

Ion Ratio Lower Upper

56 100

55 74.6 56.7 85.1



#14

Allyl chloride

Concen: 20.955 ug/l

RT: 4.32 min Scan# 792

Delta R.T. -0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

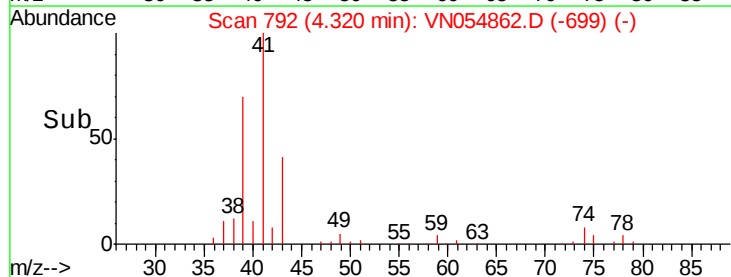
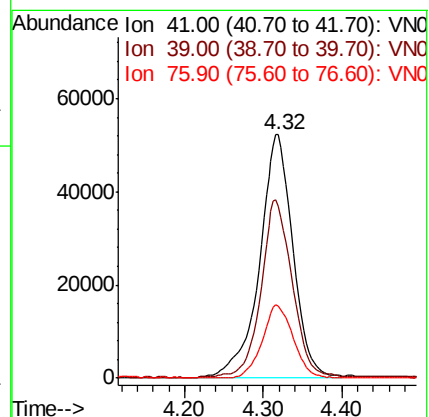
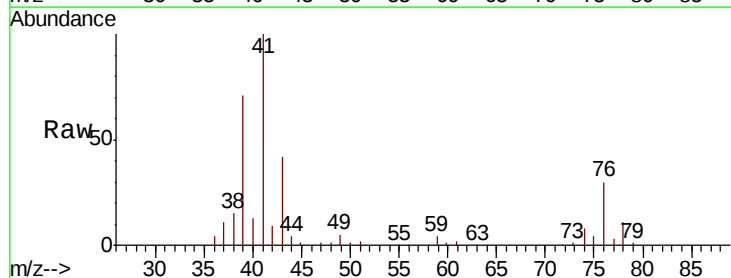
Tgt Ion: 41 Resp: 156417

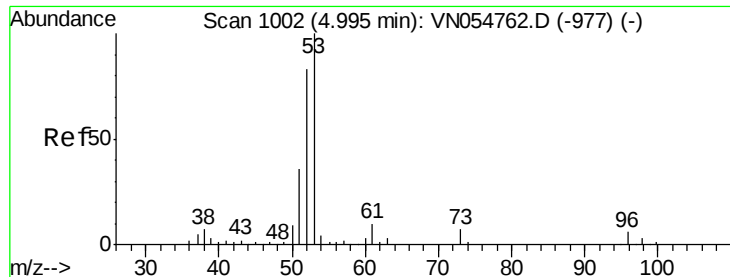
Ion Ratio Lower Upper

41 100

39 69.2 58.2 87.4

76 27.9 31.7 47.5#





#15

Acrylonitrile

Concen: 116.384 ug/l

RT: 5.00 min Scan# 1003

Delta R.T. 0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

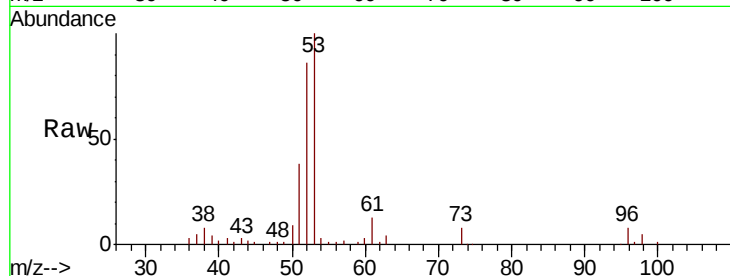
Tot Ion: 53 Resp: 175161

Ion Ratio Lower Upper

53 100

52 83.2 66.4 99.6

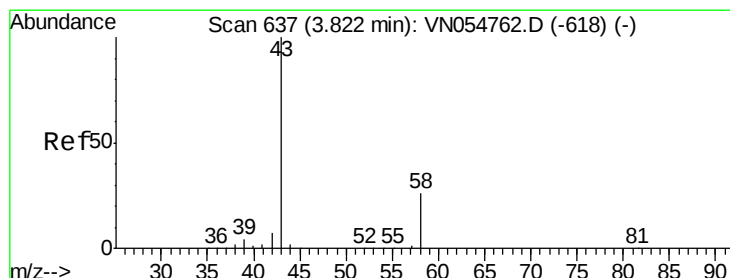
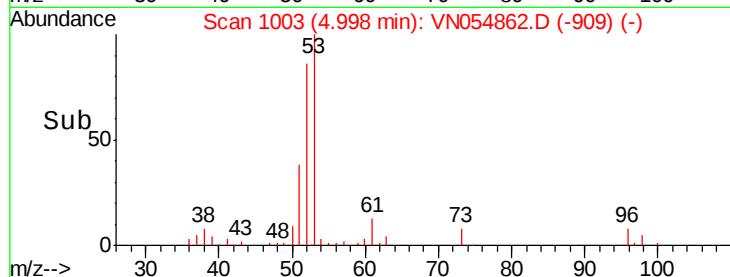
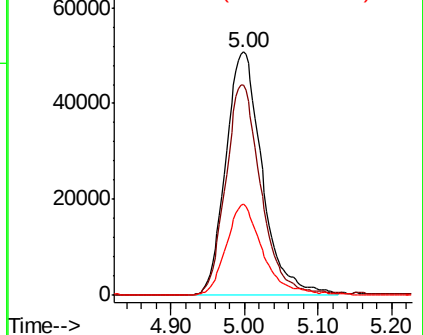
51 37.3 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 101.476 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN054862.D

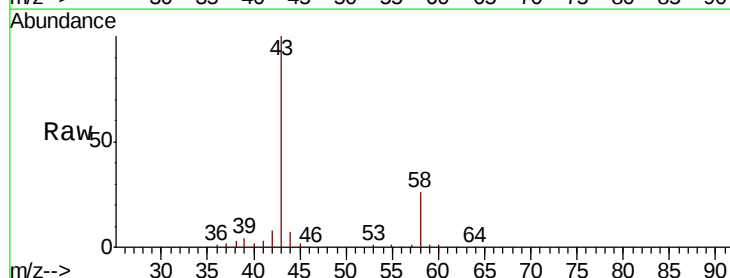
Acq: 31 Mar 2019 20:24

Tgt Ion: 43 Resp: 125758

Ion Ratio Lower Upper

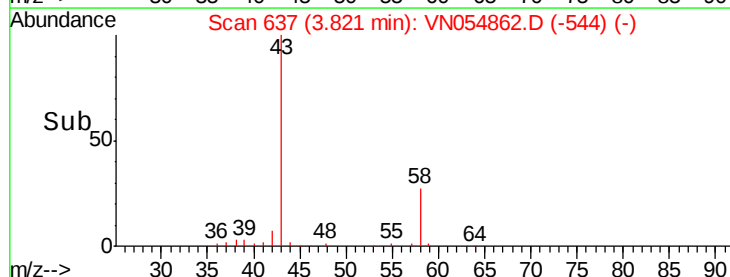
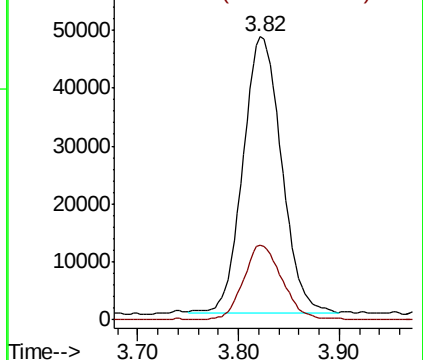
43 100

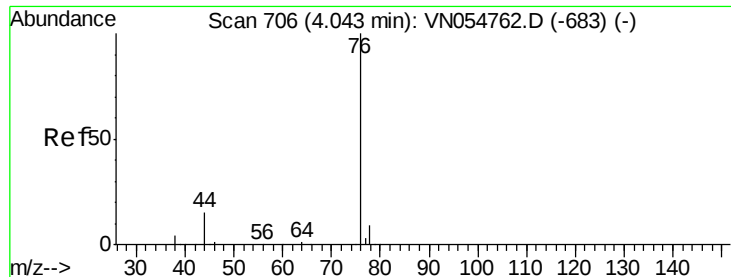
58 27.2 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 19.366 ug/l

RT: 4.04 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

Instrument :

MSVOA_N

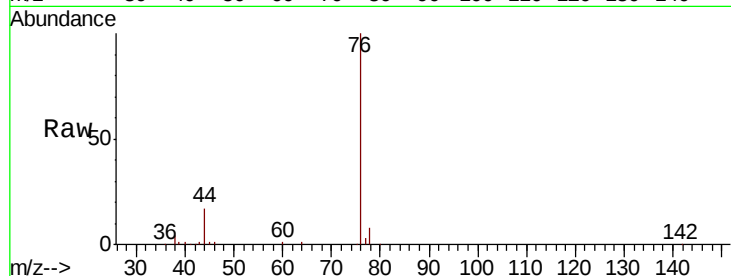
ClientSampleId :

Tot Ion: 76 Resp: 190351

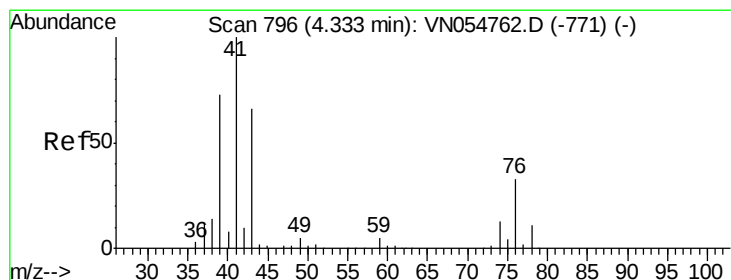
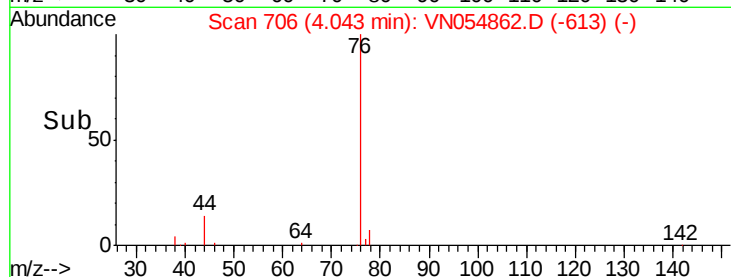
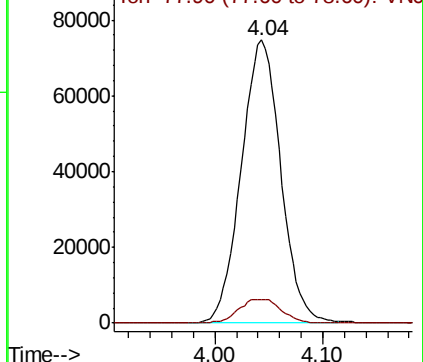
Ion Ratio Lower Upper

76 100

78 8.5 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 25.608 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.00 min

Lab File: VN054862.D

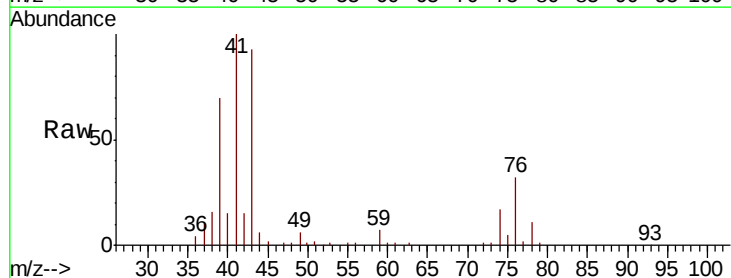
Acq: 31 Mar 2019 20:24

Tgt Ion: 43 Resp: 84107

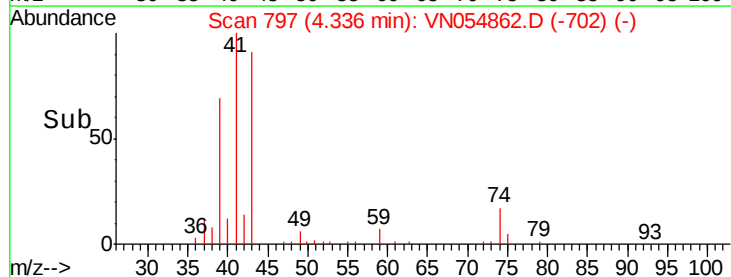
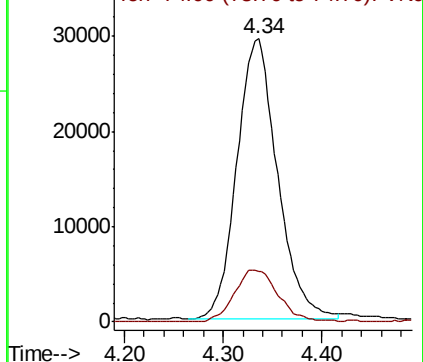
Ion Ratio Lower Upper

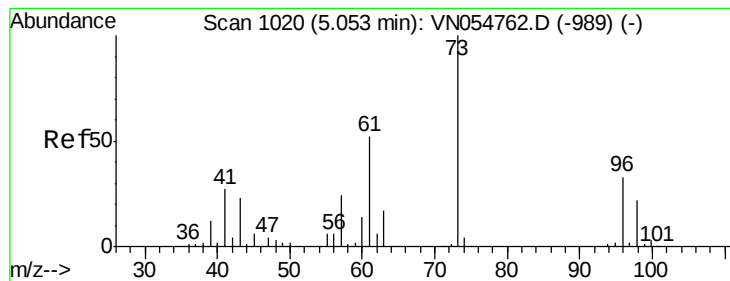
43 100

74 20.0 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO



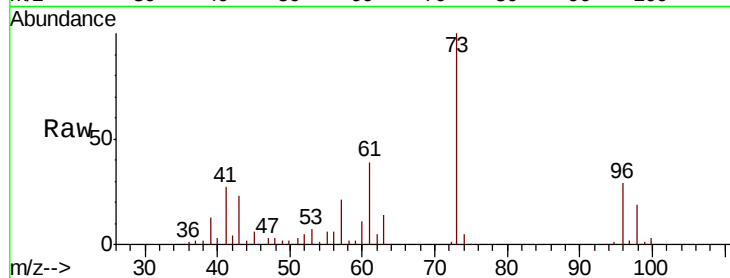


#19

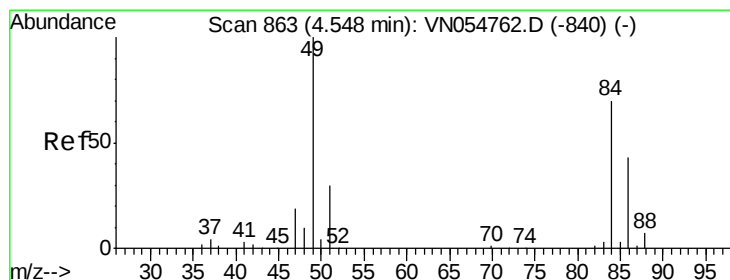
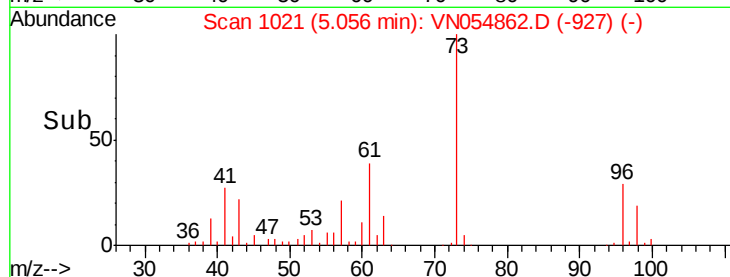
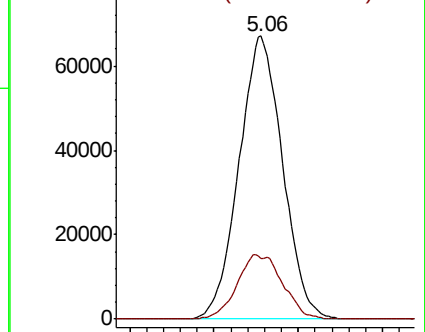
Methyl tert-butyl Ether
 Concen: 22.711 ug/l
 RT: 5.06 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: VN054862.D
 Acq: 31 Mar 2019 20:24

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 73 Resp: 240747
 Ion Ratio Lower Upper
 73 100
 57 21.4 16.8 25.2



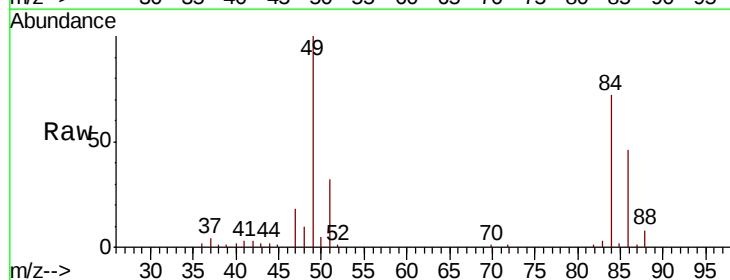
Abundance Ion 73.00 (72.70 to 73.70): VN054762.D (-989) (-)
 Ion 57.00 (56.70 to 57.70): VN054762.D (-989) (-)



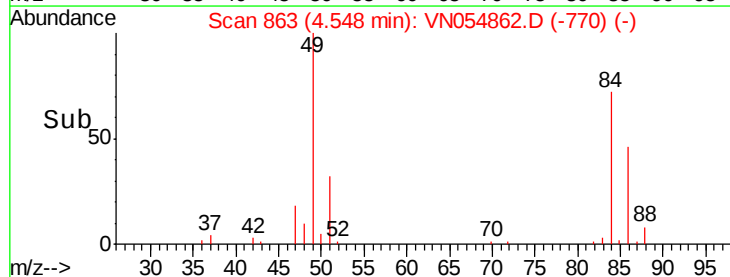
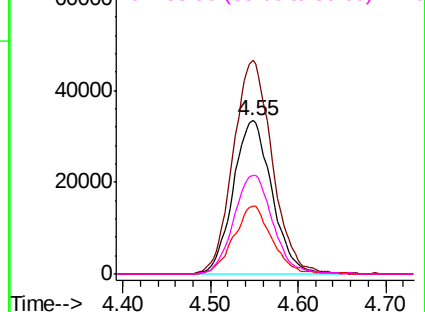
#20

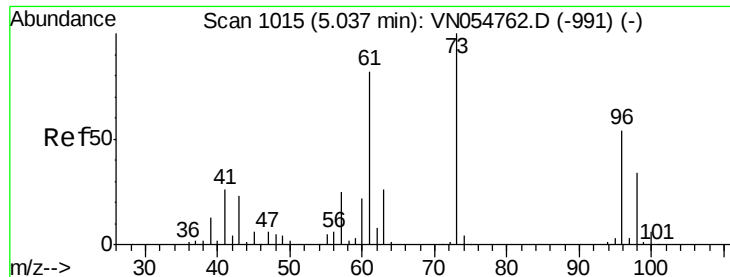
Methylene Chloride
 Concen: 23.500 ug/l
 RT: 4.55 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VN054862.D
 Acq: 31 Mar 2019 20:24

Tgt Ion: 84 Resp: 102729
 Ion Ratio Lower Upper
 84 100
 49 139.5 89.7 134.5#
 51 44.5 28.2 42.4#
 86 64.7 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VN054762.D (-840) (-)
 Ion 48.90 (48.60 to 49.60): VN054762.D (-840) (-)
 Ion 50.90 (50.60 to 51.60): VN054762.D (-840) (-)
 Ion 85.90 (85.60 to 86.60): VN054762.D (-840) (-)

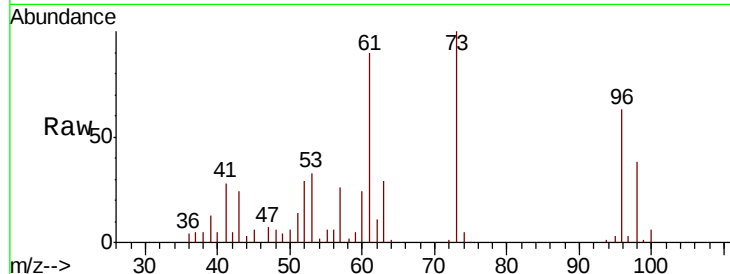




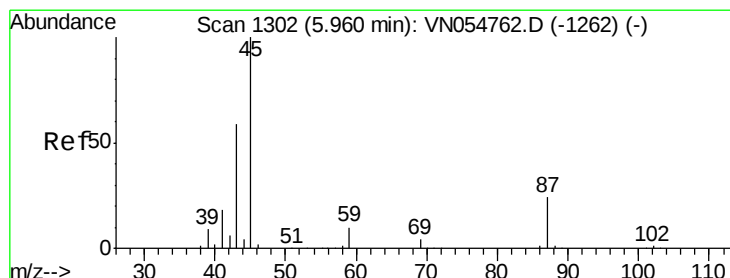
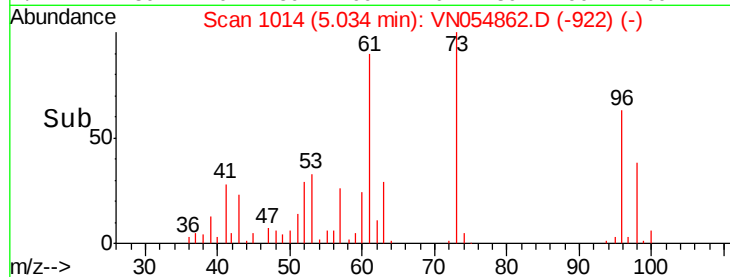
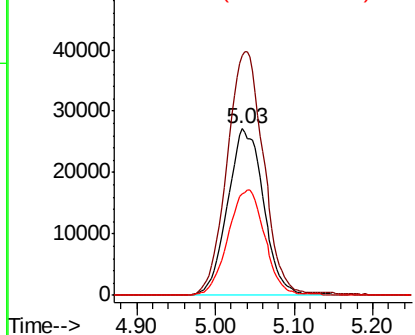
#21
trans-1,2-Dichloroethene
Concen: 21.746 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VN054862.D
Acq: 31 Mar 2019 20:24

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 86560
Ion Ratio Lower Upper
96 100
61 144.1 102.8 154.2
98 61.3 50.0 75.0

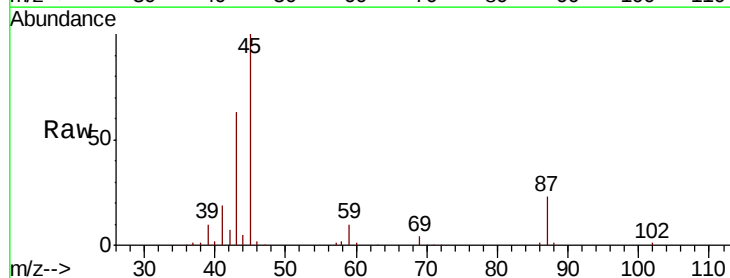


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

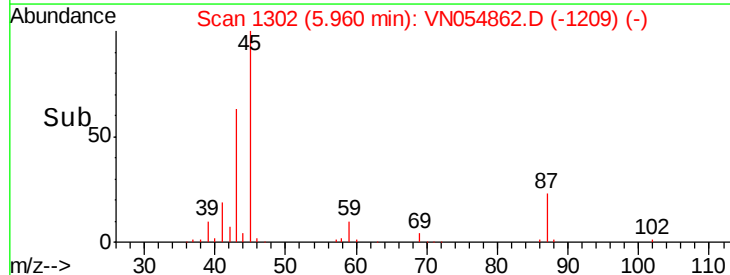
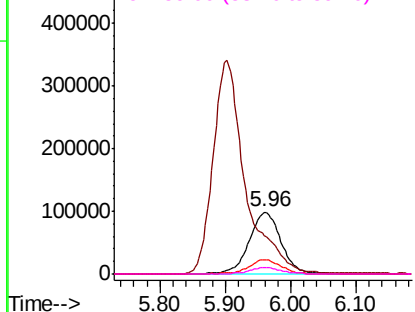


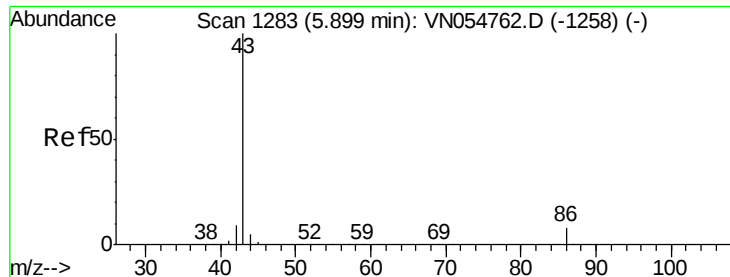
#22
Diisopropyl ether
Concen: 22.723 ug/l
RT: 5.96 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VN054862.D
Acq: 31 Mar 2019 20:24

Tgt Ion: 45 Resp: 335463
Ion Ratio Lower Upper
45 100
43 61.4 48.2 72.2
87 23.0 24.9 37.3#
59 10.2 9.5 14.3



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: 113.991 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

Instrument :

MSVOA_N

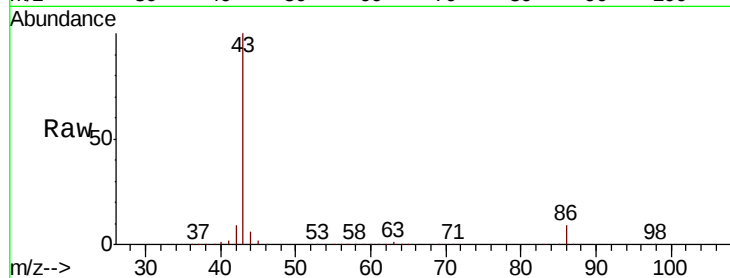
ClientSampleId :

Tot Ion: 43 Resp: 1171118

Ion Ratio Lower Upper

43 100

86 8.7 9.1 13.7#



Abundance Ion 43.00 (42.70 to 43.70): VN054862.D (-1190) (-)

Ion 86.00 (85.70 to 86.70): VN054862.D (-1190) (-)

5.90

400000

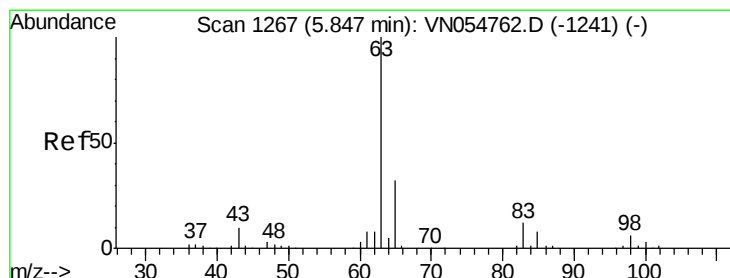
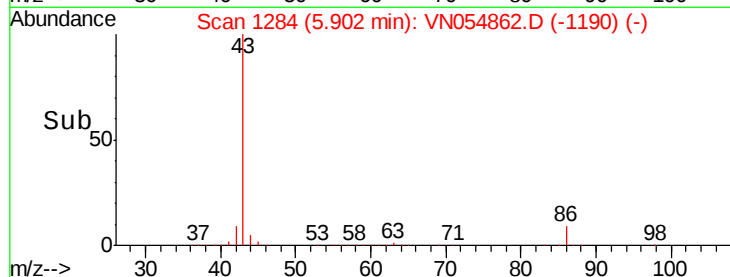
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 22.638 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

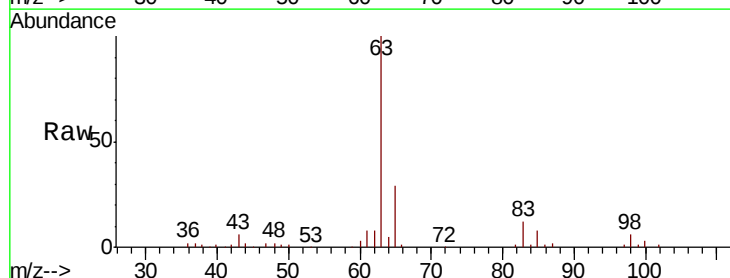
Tgt Ion: 63 Resp: 178277

Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.5

100 3.3 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN054862.D (-1174) (-)

Ion 97.90 (97.60 to 98.60): VN054862.D (-1174) (-)

Ion 99.90 (99.60 to 100.60): VN054862.D (-1174) (-)

5.85

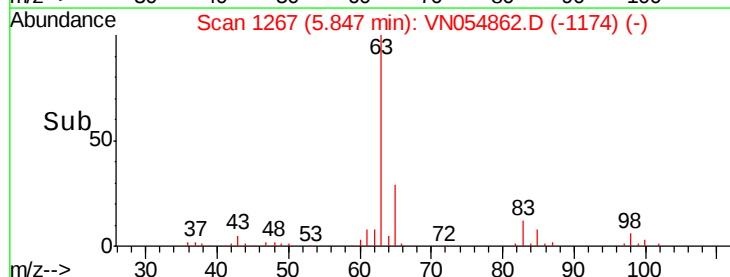
60000

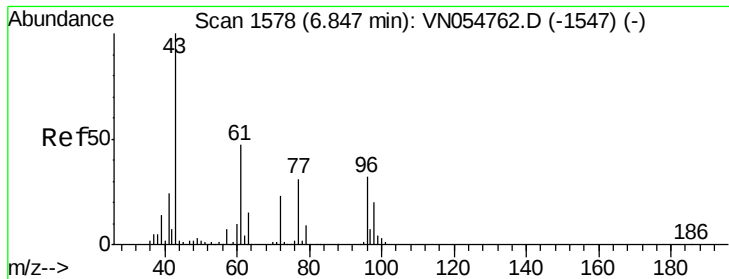
40000

20000

0

Time-->

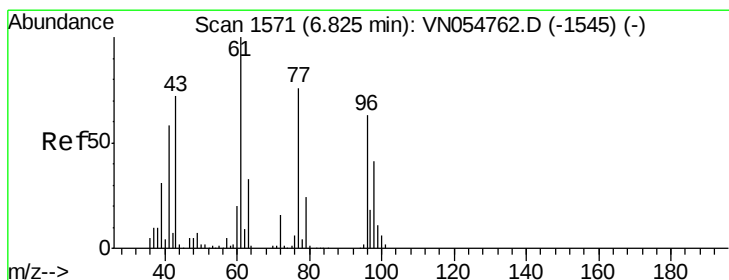
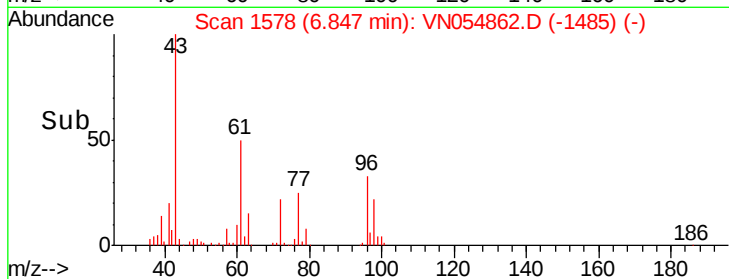
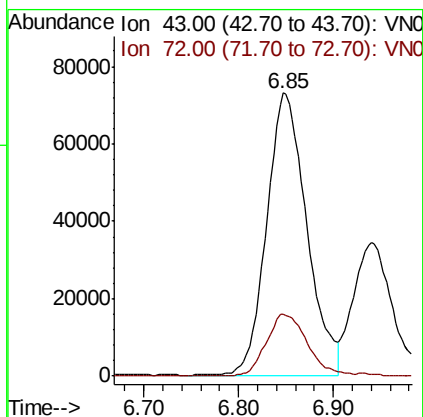
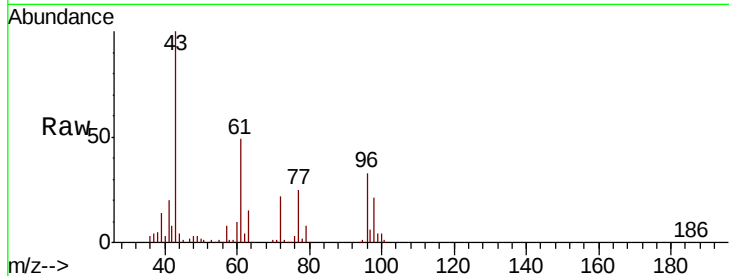




#25
2-Butanone
Concen: 116.952 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VN054862.D
Acq: 31 Mar 2019 20:24

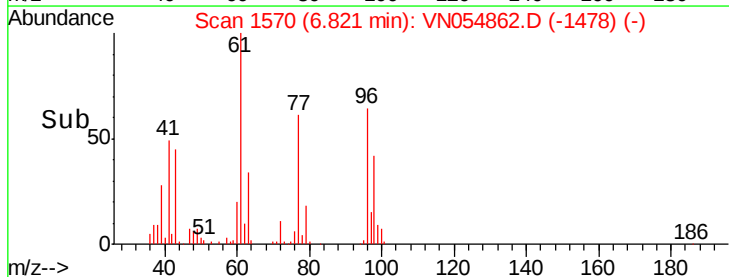
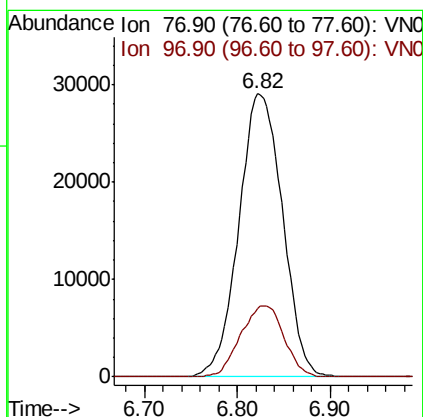
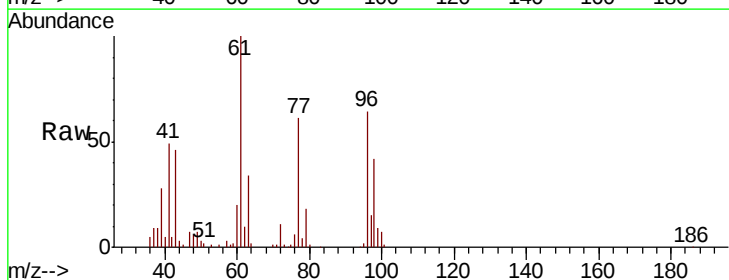
Instrument :
MSVOA_N
ClientSampled :

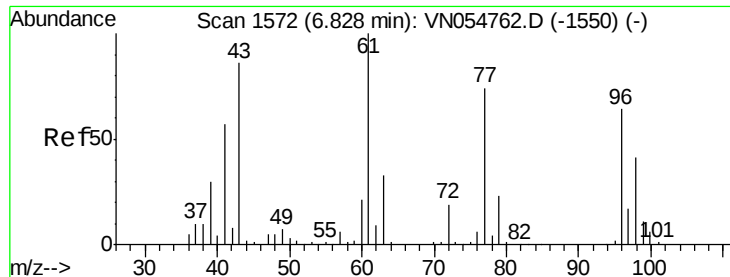
Tot Ion: 43 Resp: 214245
Ion Ratio Lower Upper
43 100
72 21.9 23.0 34.6#



#26
2,2-Dichloropropane
Concen: 17.220 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN054862.D
Acq: 31 Mar 2019 20:24

Tgt Ion: 77 Resp: 95048
Ion Ratio Lower Upper
77 100
97 24.9 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 22.105 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

Instrument :
MSVOA_N
ClientSampled :

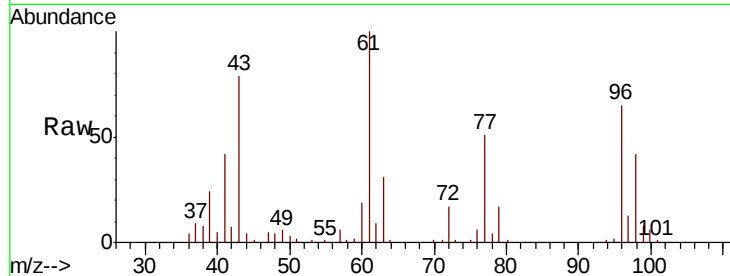
Tot Ion: 96 Resp: 99396

Ion Ratio Lower Upper

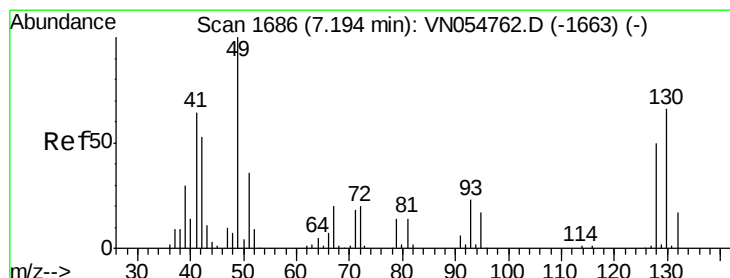
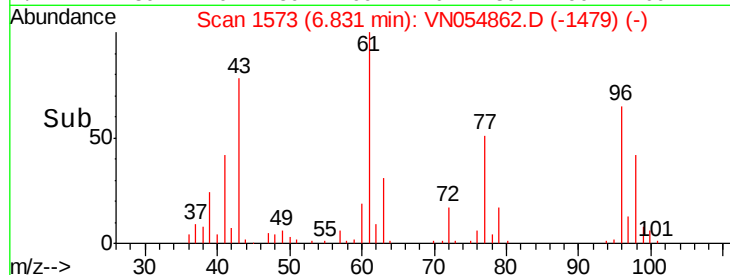
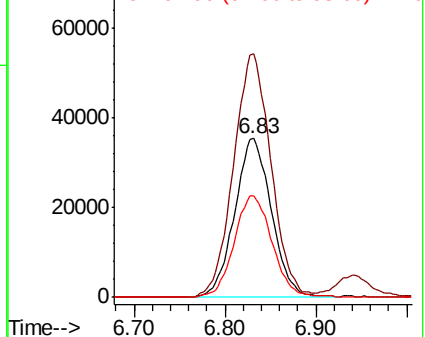
96 100

61 155.9 0.0 273.0

98 65.6 0.0 130.6



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



#28

Bromochloromethane

Concen: 22.528 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

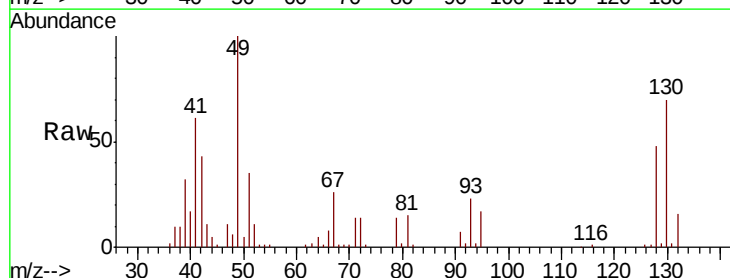
Tgt Ion: 49 Resp: 88715

Ion Ratio Lower Upper

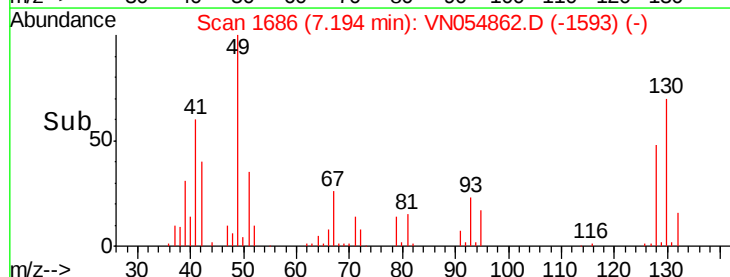
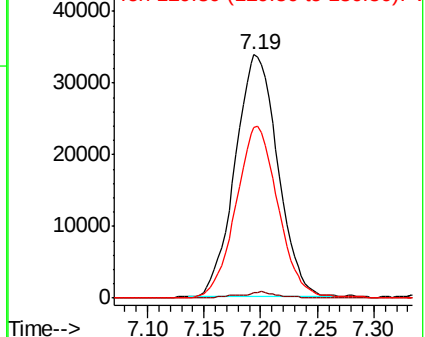
49 100

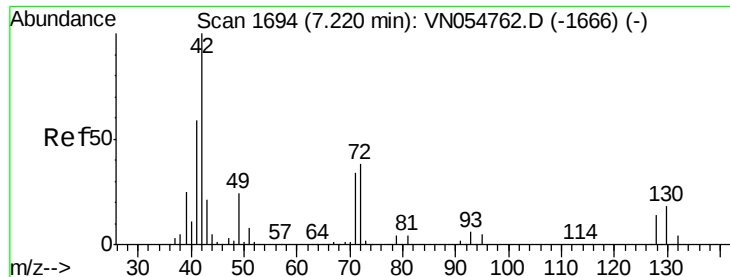
129 1.7 0.0 4.6

130 70.3 76.7 115.1#



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

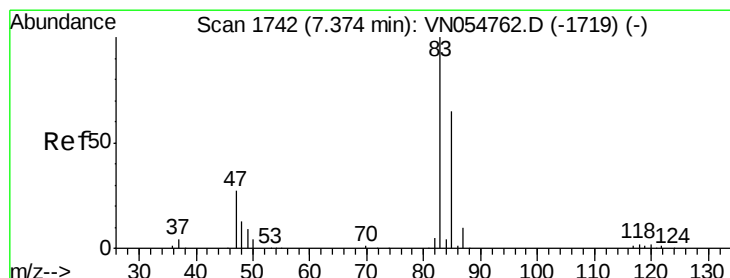
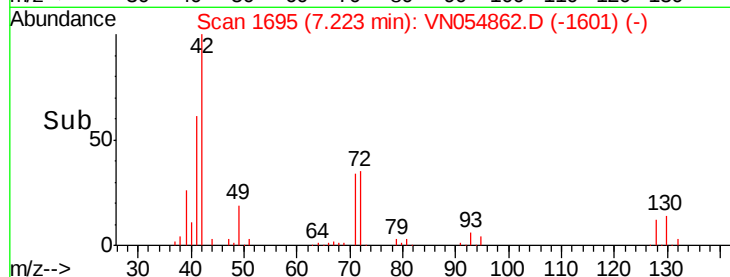
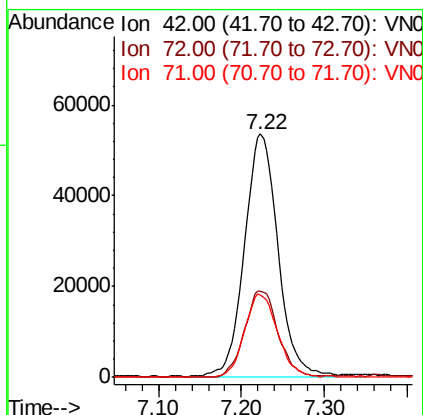
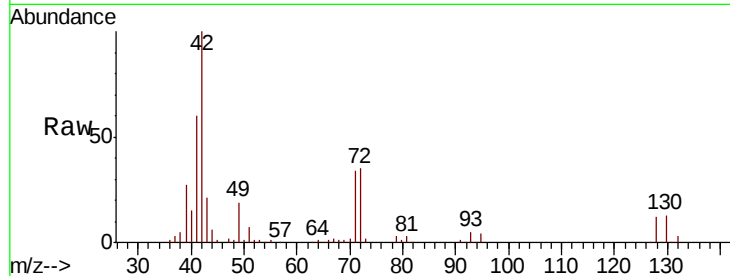




#29
Tetrahydrofuran
Concen: 117.839 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VN054862.D
Acq: 31 Mar 2019 20:24

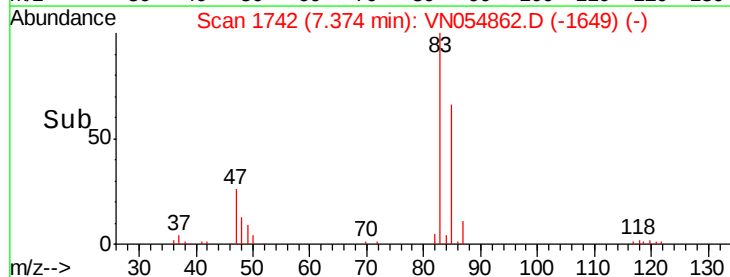
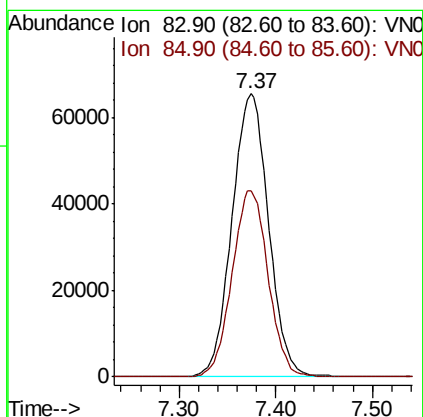
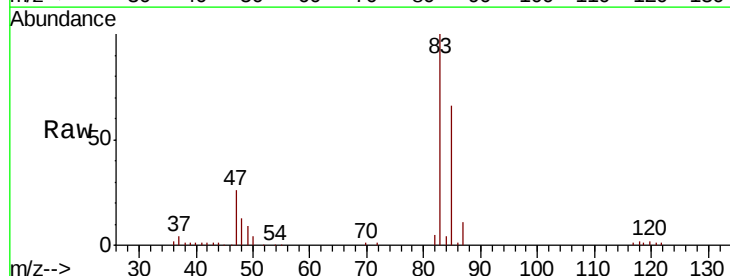
Instrument :
MSVOA_N
ClientSampleId :

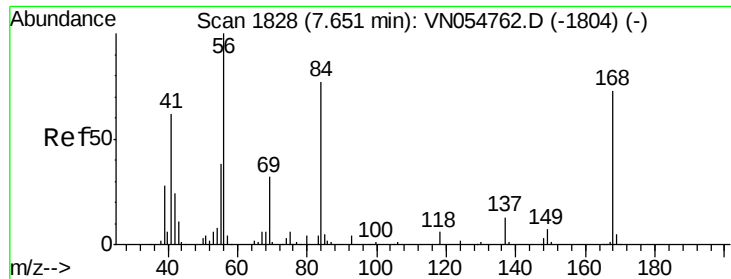
Tot Ion: 42 Resp: 149931
Ion Ratio Lower Upper
42 100
72 35.8 37.8 56.6#
71 34.0 36.2 54.2#



#30
Chloroform
Concen: 22.916 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN054862.D
Acq: 31 Mar 2019 20:24

Tgt Ion: 83 Resp: 172089
Ion Ratio Lower Upper
83 100
85 65.8 52.2 78.4





#31

Cyclohexane

Concen: 21.395 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

Instrument :
MSVOA_N
ClientSampleId :

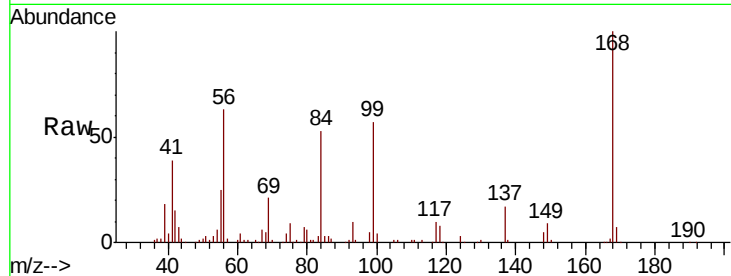
Tot Ion: 56 Resp: 161984

Ion Ratio Lower Upper

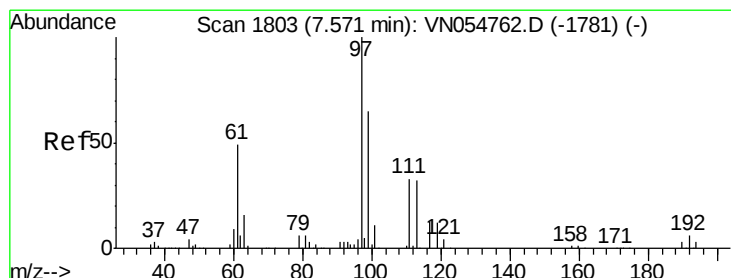
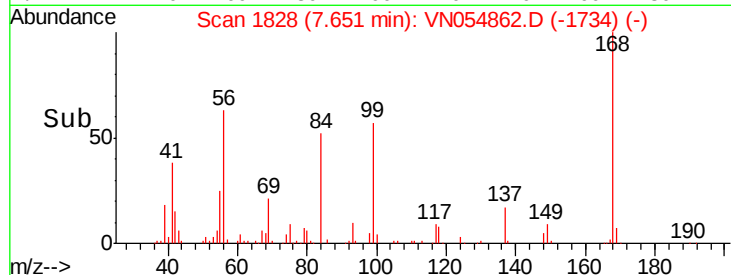
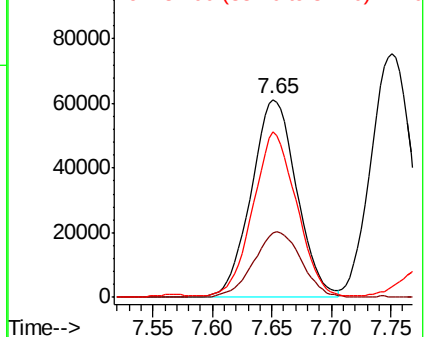
56 100

69 32.6 27.8 41.6

84 82.6 74.6 111.8



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



#32

1,1,1-Trichloroethane

Concen: 22.465 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

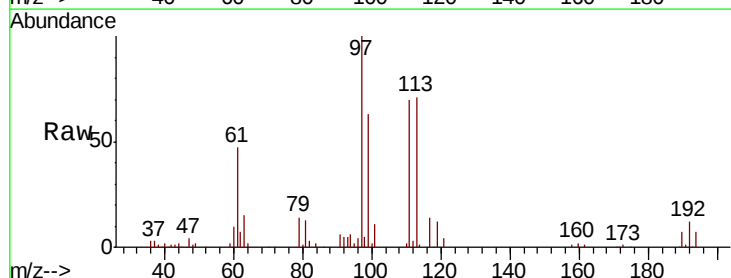
Tgt Ion: 97 Resp: 139801

Ion Ratio Lower Upper

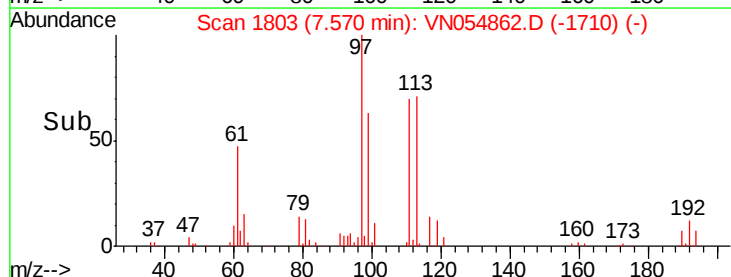
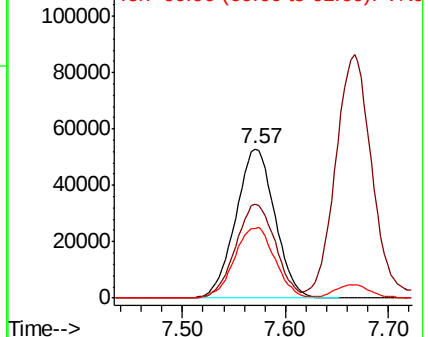
97 100

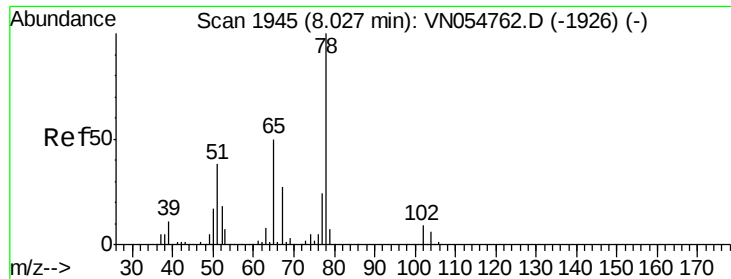
99 63.9 51.5 77.3

61 49.0 33.6 50.4



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

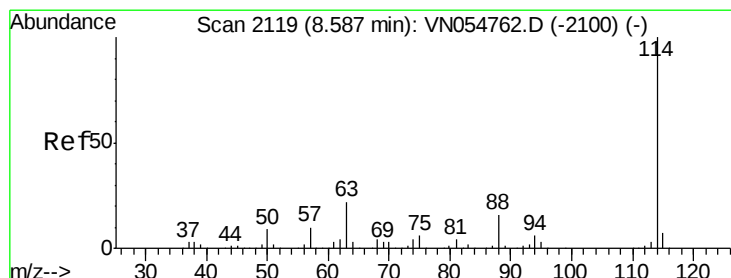
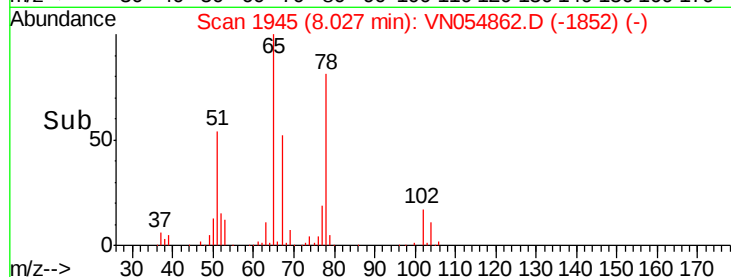
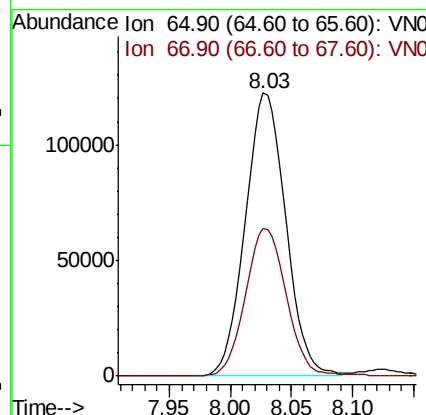
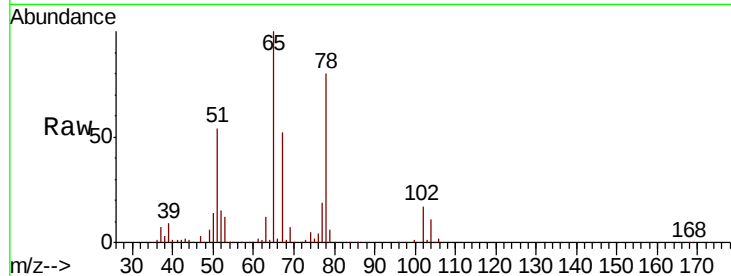




#33
 1,2-Dichloroethane-d4
 Concen: 54.048 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054862.D
 Acq: 31 Mar 2019 20:24

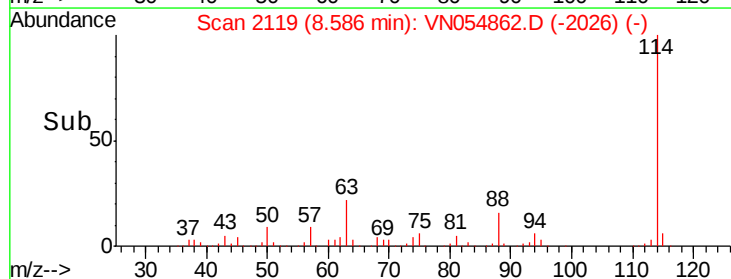
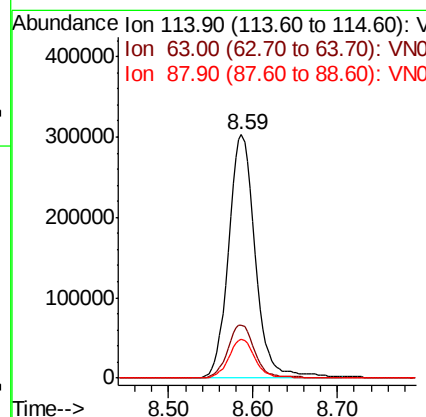
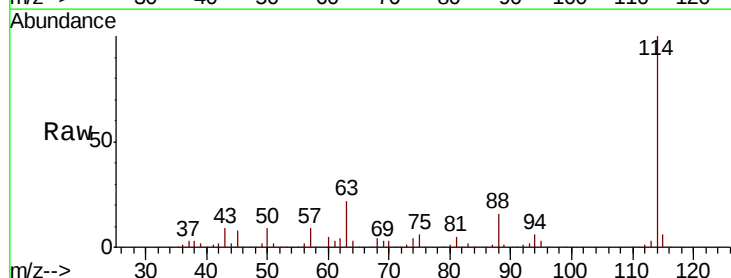
Instrument :
 MSVOA_N
 ClientSampled :

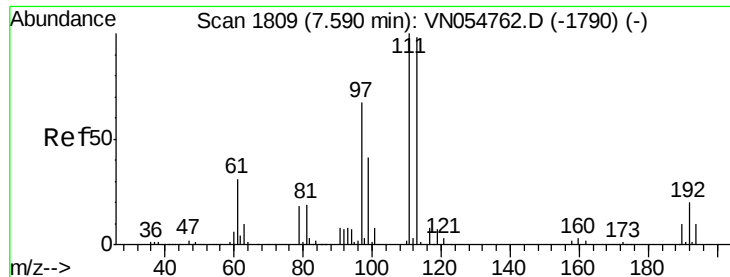
Tot Ion: 65 Resp: 280882
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054862.D
 Acq: 31 Mar 2019 20:24

Tgt Ion: 114 Resp: 666870
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 35.2
 88 15.8 0.0 30.2

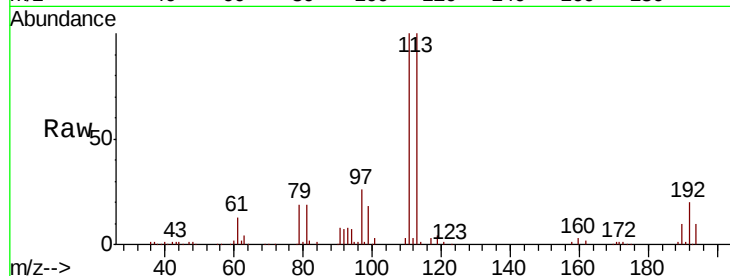




#35
 Dibromofluoromethane
 Concen: 50.184 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054862.D
 Acq: 31 Mar 2019 20:24

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.4
192	20.1	19.2	28.8

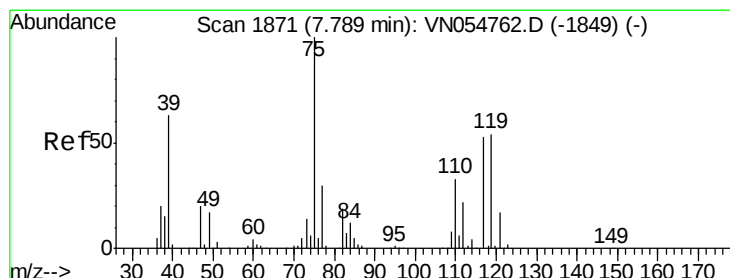
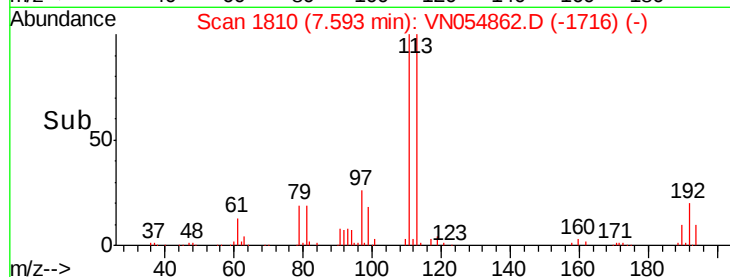
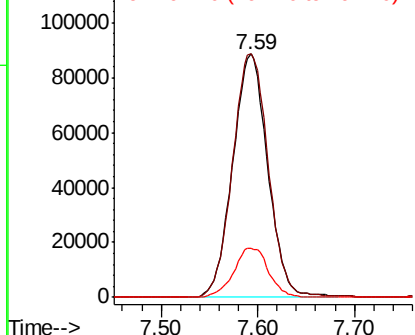


Abundance

Ion 112.80 (112.50 to 113.50): V

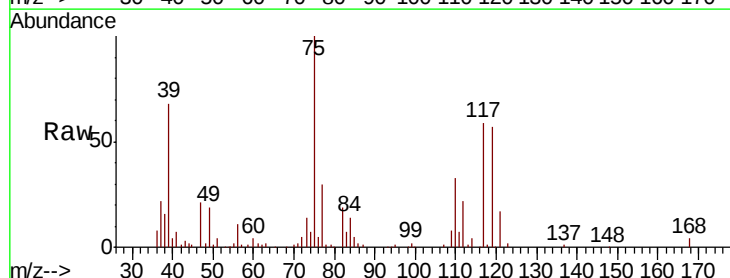
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 19.554 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN054862.D
 Acq: 31 Mar 2019 20:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.7	19.1	57.5
77	32.4	25.0	37.4

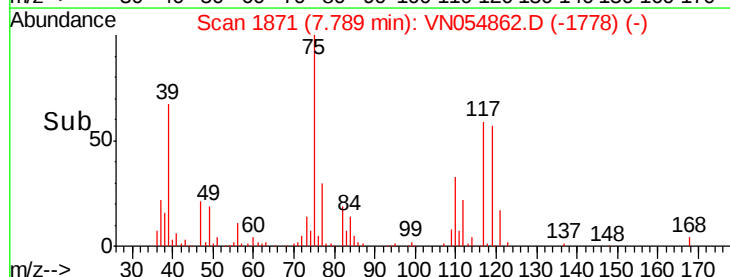
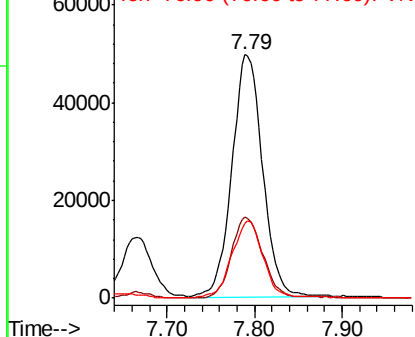


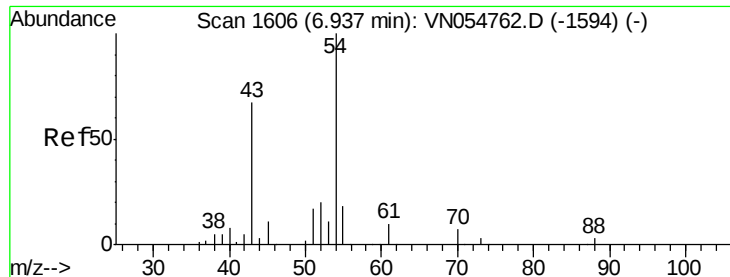
Abundance

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

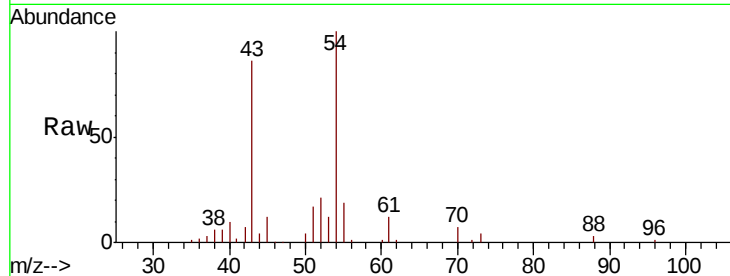




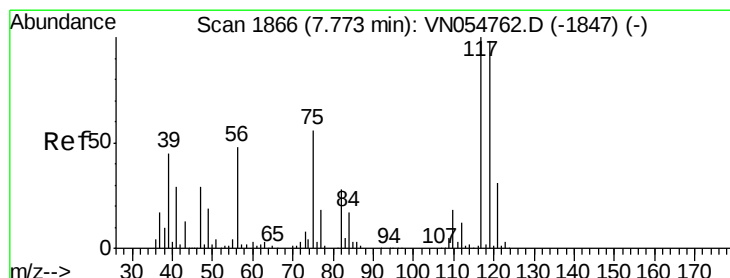
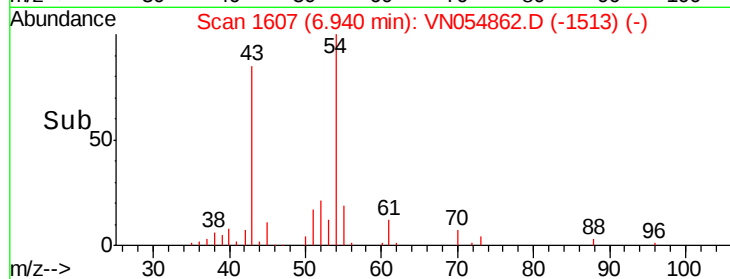
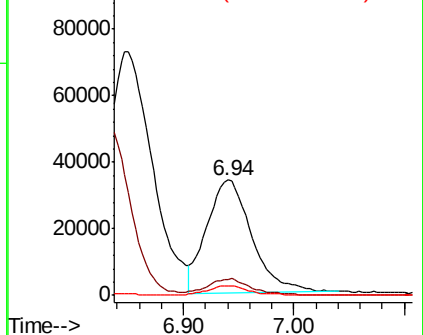
#37
Ethyl Acetate
Concen: 21.126 ug/l
RT: 6.94 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VN054862.D
Acq: 31 Mar 2019 20:24

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 96266
Ion Ratio Lower Upper
43 100
61 14.4 11.8 17.6
70 8.1 8.4 12.6#

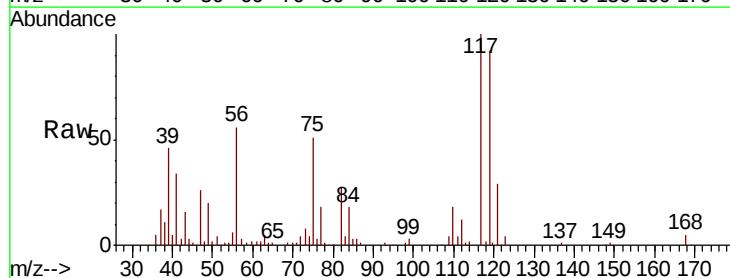


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

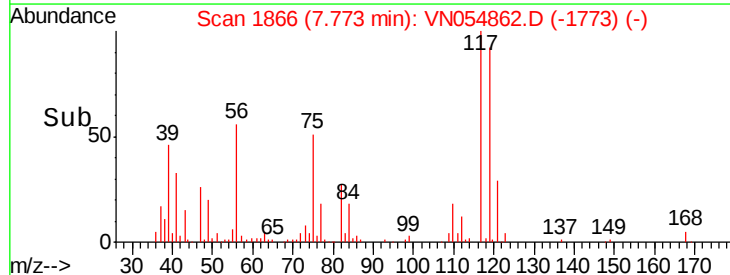
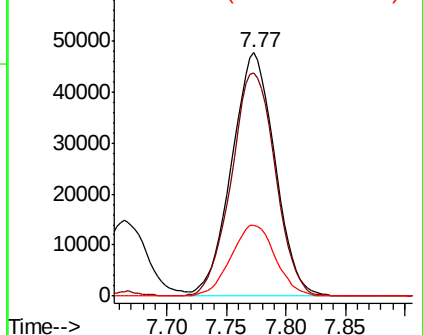


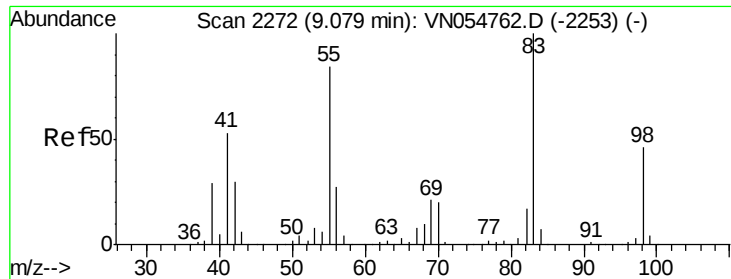
#38
Carbon Tetrachloride
Concen: 19.909 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN054862.D
Acq: 31 Mar 2019 20:24

Tgt Ion: 117 Resp: 120160
Ion Ratio Lower Upper
117 100
119 91.8 76.3 114.5
121 29.3 24.6 36.8



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

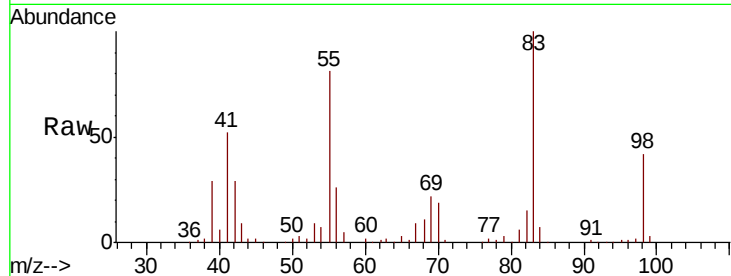




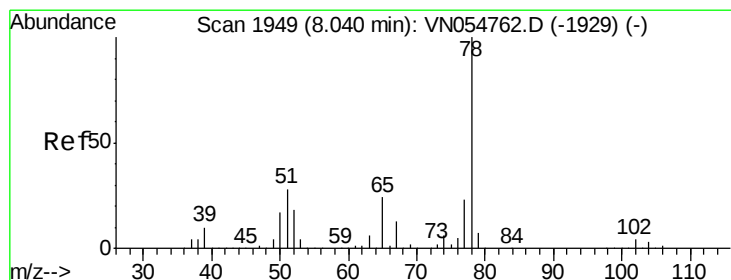
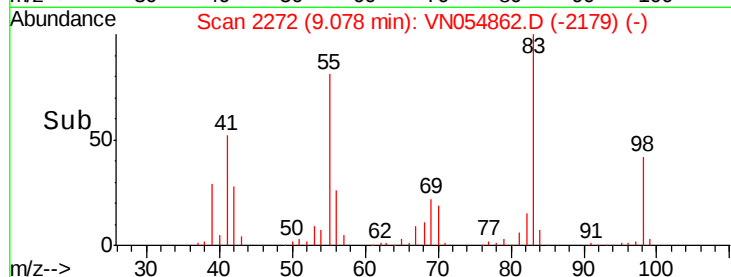
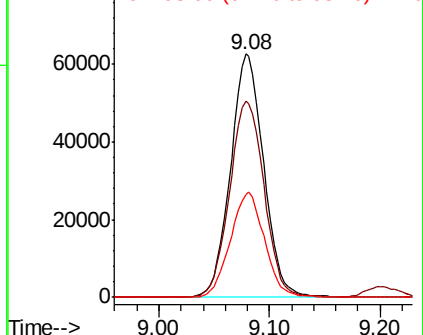
#39
Methvlcvclohexane
Concen: 19.075 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN054862.D
Acq: 31 Mar 2019 20:24

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 130313
Ion Ratio Lower Upper
83 100
55 80.8 56.6 84.8
98 42.5 38.4 57.6

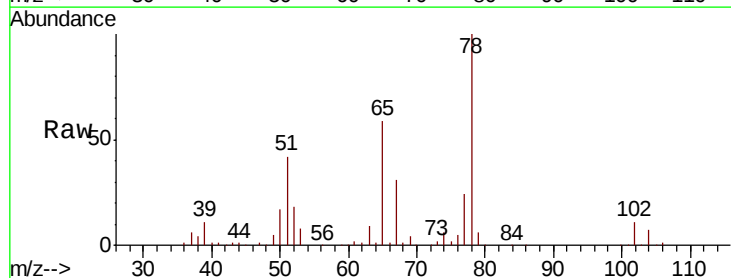


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

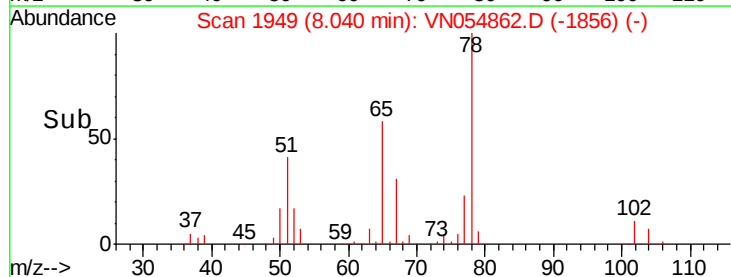
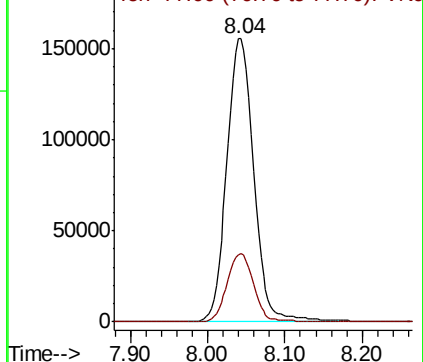


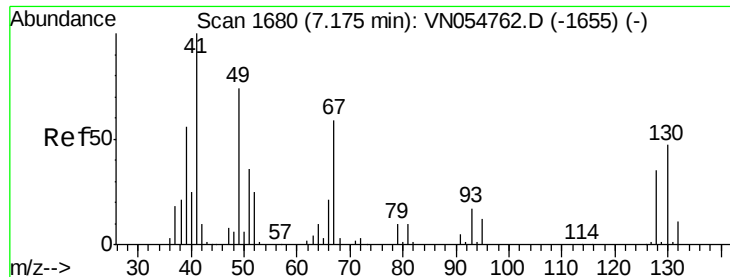
#40
Benzene
Concen: 21.137 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN054862.D
Acq: 31 Mar 2019 20:24

Tgt Ion: 78 Resp: 375817
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7



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

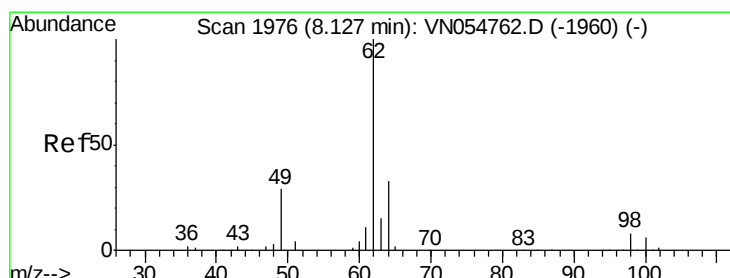
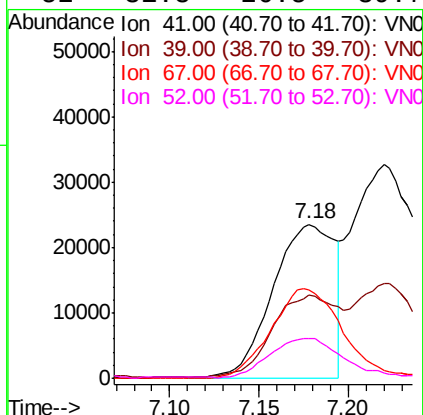
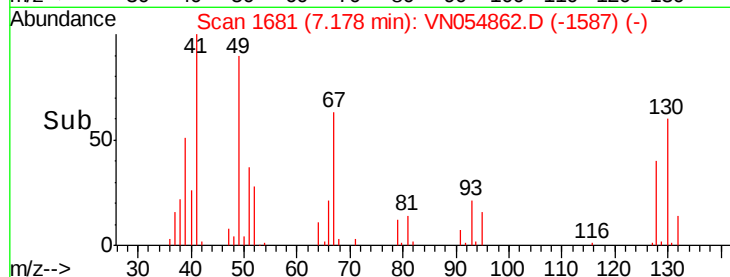
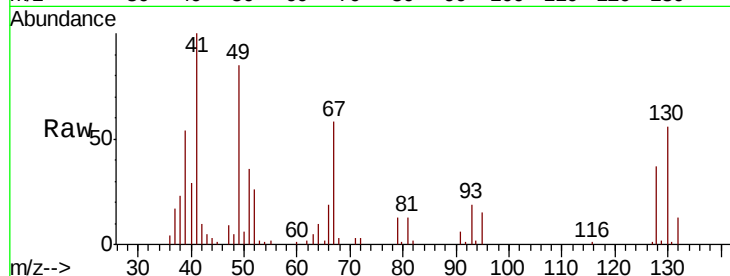




#41
Methacrylonitrile
Concen: 22.146 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN054862.D
Acq: 31 Mar 2019 20:24

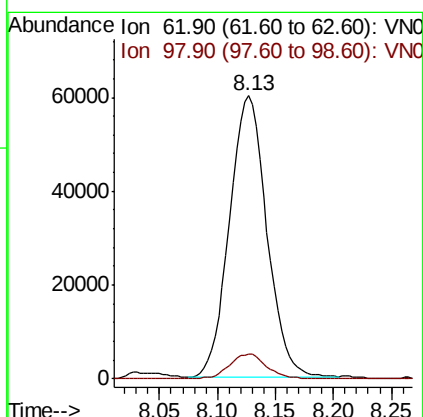
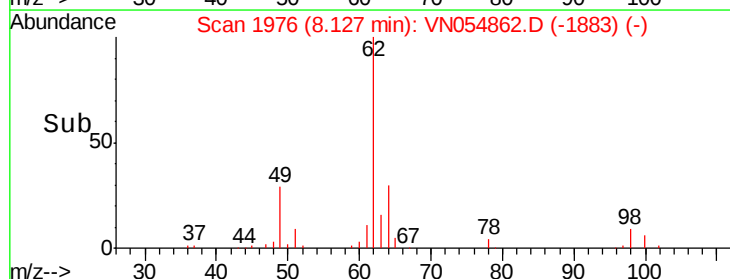
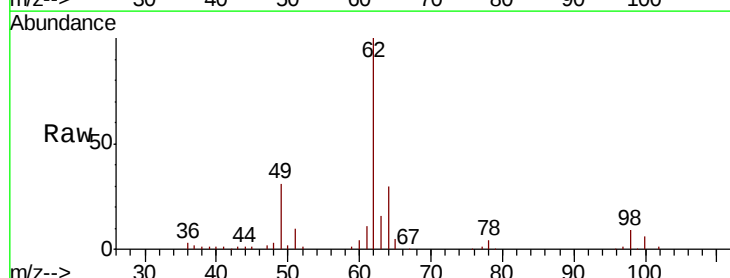
Instrument :
MSVOA_N
ClientSampled :

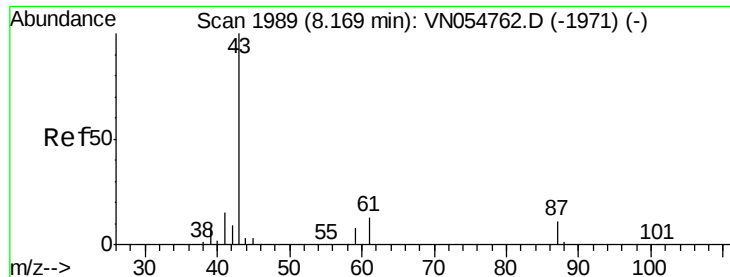
Tot Ion: 41 Resp: 56689
Ion Ratio Lower Upper
41 100
39 56.1 46.8 70.2
67 67.8 67.0 100.4
52 31.8 26.5 39.7



#42
1,2-Dichloroethane
Concen: 21.078 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN054862.D
Acq: 31 Mar 2019 20:24

Tgt Ion: 62 Resp: 133819
Ion Ratio Lower Upper
62 100
98 8.7 0.0 18.4





#43

Isopropyl Acetate

Concen: 22.942 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

Instrument :

MSVOA_N

ClientSampled :

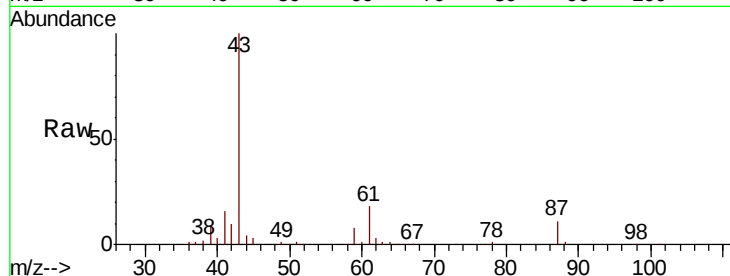
Tot Ion: 43 Resp: 169868

Ion Ratio Lower Upper

43 100

61 16.1 15.8 23.8

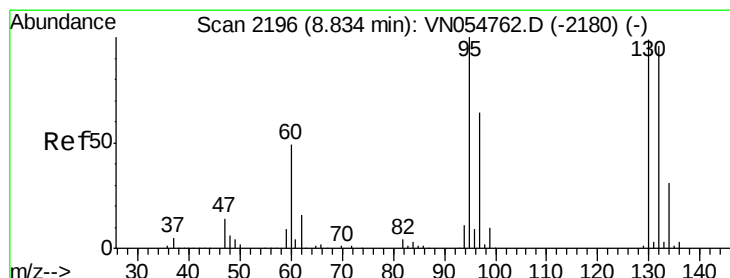
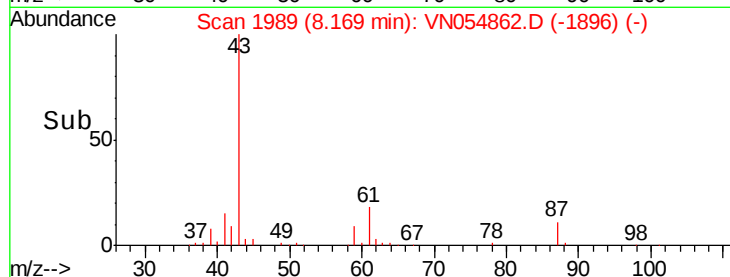
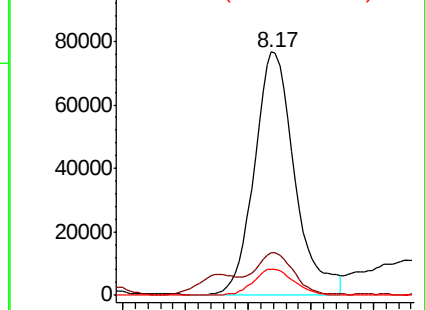
87 10.9 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN054862.D (-1989) (-)

Ion 61.00 (60.70 to 61.70): VN054862.D (-1989) (-)

Ion 87.00 (86.70 to 87.70): VN054862.D (-1989) (-)



#44

Trichloroethene

Concen: 20.718 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN054862.D

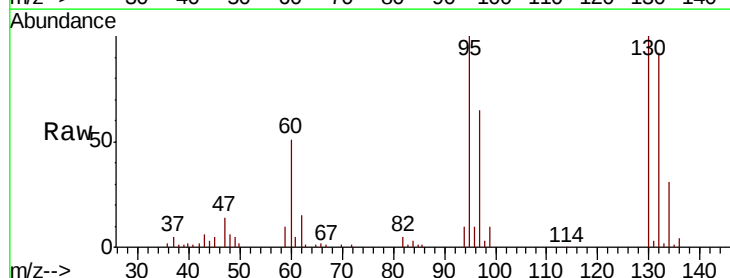
Acq: 31 Mar 2019 20:24

Tgt Ion:130 Resp: 95624

Ion Ratio Lower Upper

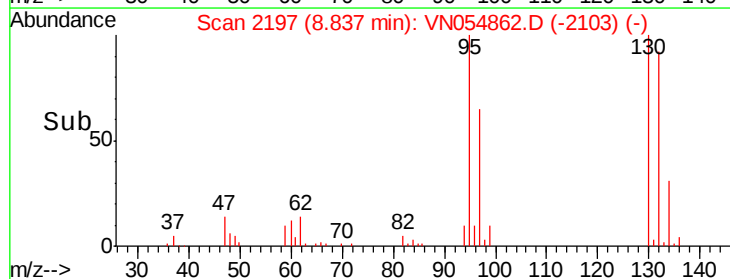
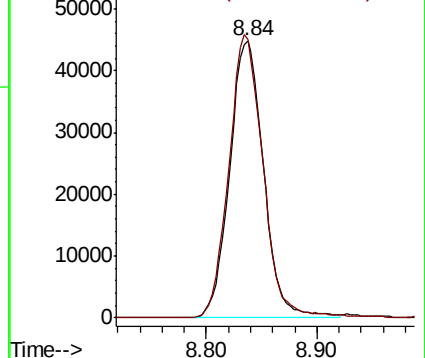
130 100

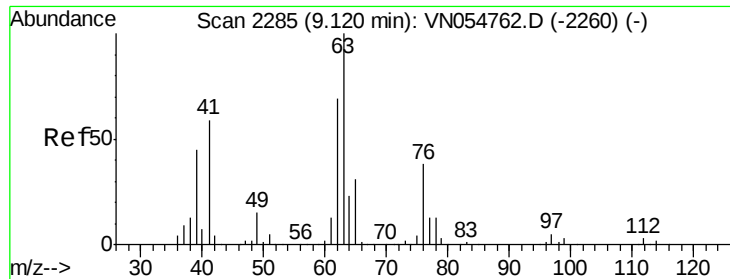
95 100.5 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): VN054862.D (-2196) (-)

Ion 94.90 (94.60 to 95.60): VN054862.D (-2196) (-)

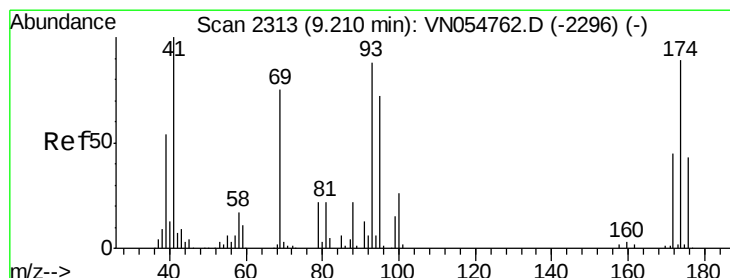
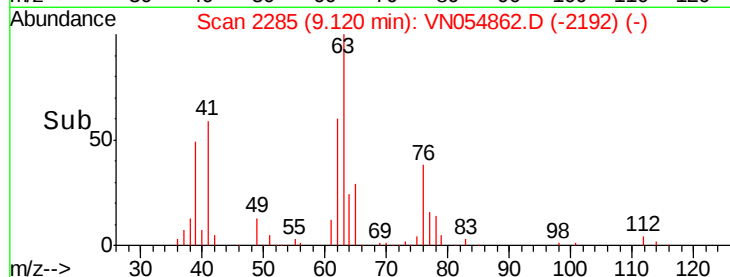
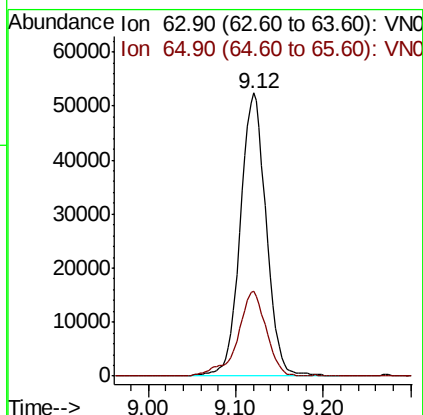
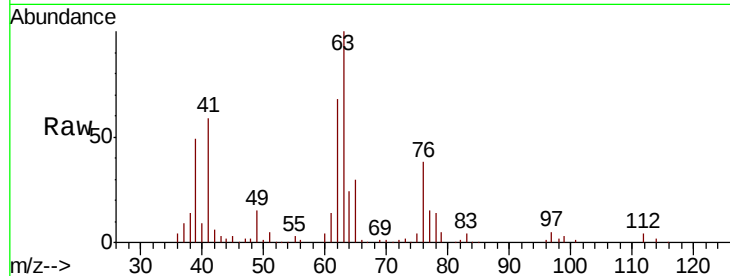




#45
 1,2-Dichloropropane
 Concen: 21.271 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN054862.D
 Acq: 31 Mar 2019 20:24

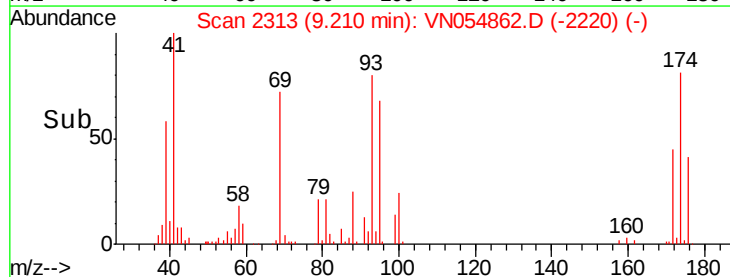
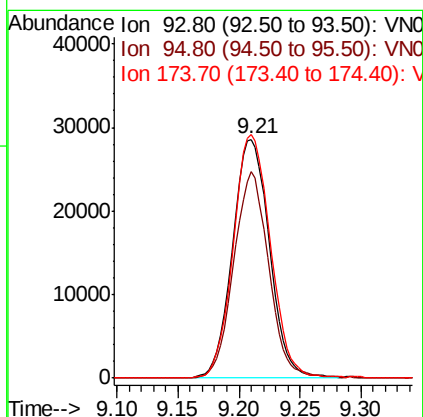
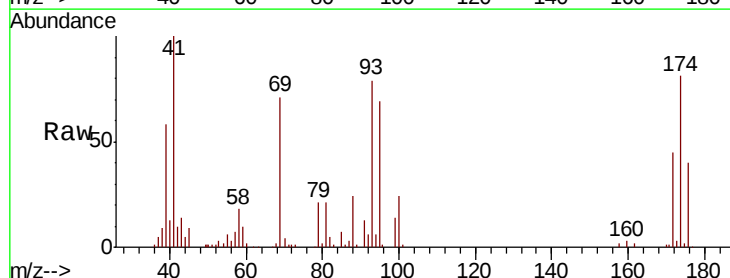
Instrument :
 MSVOA_N
 ClientSampled :

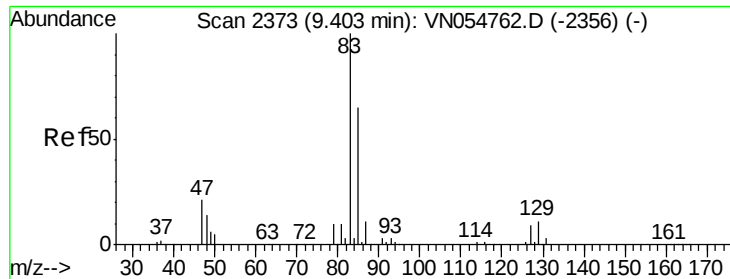
Tot Ion: 63 Resp: 107844
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.0 37.6



#46
 Dibromomethane
 Concen: 21.023 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. -0.00 min
 Lab File: VN054862.D
 Acq: 31 Mar 2019 20:24

Tgt Ion: 93 Resp: 59958
 Ion Ratio Lower Upper
 93 100
 95 81.9 66.7 100.1
 174 102.7 98.5 147.7





#47

Bromodichloromethane

Concen: 21.491 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

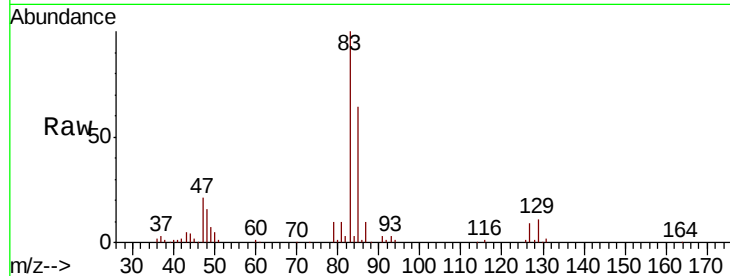
Tot Ion: 83 Resp: 127383

Ion Ratio Lower Upper

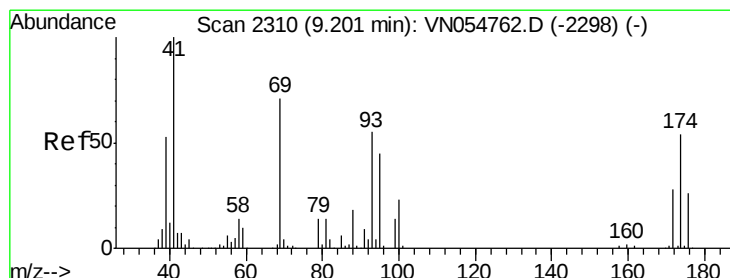
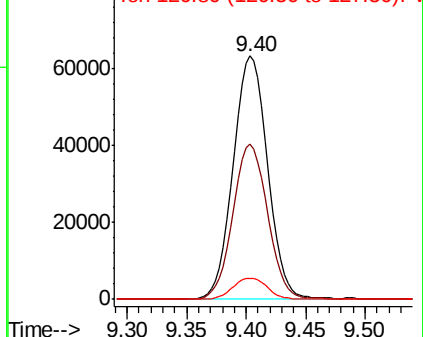
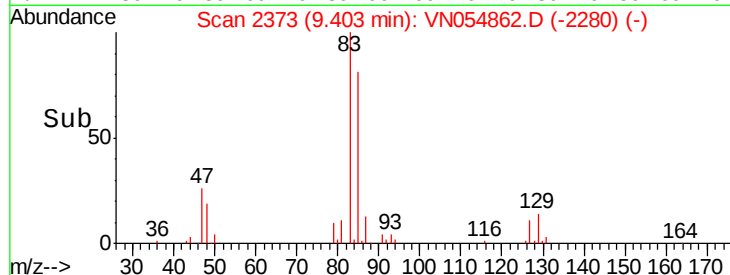
83 100

85 63.9 52.8 79.2

127 8.7 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VN054862.D (-2280) (-)



#48

Methyl methacrylate

Concen: 20.737 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

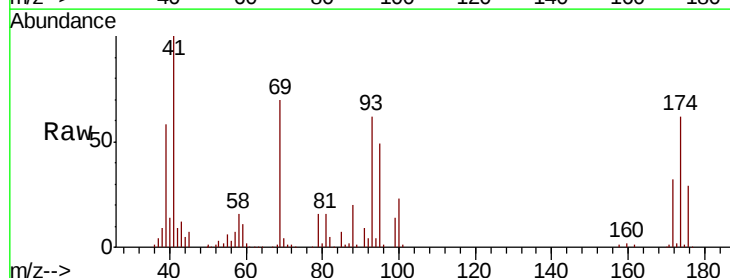
Tgt Ion: 41 Resp: 83229

Ion Ratio Lower Upper

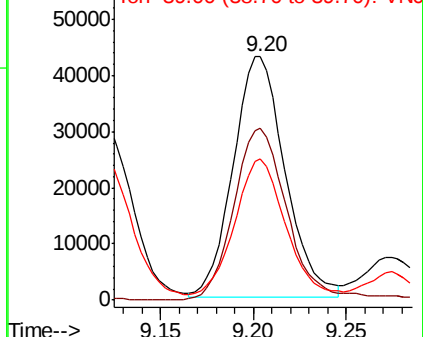
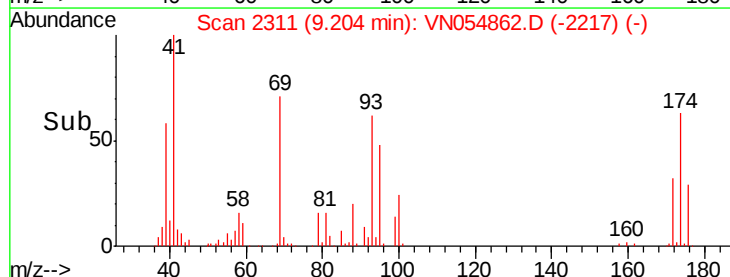
41 100

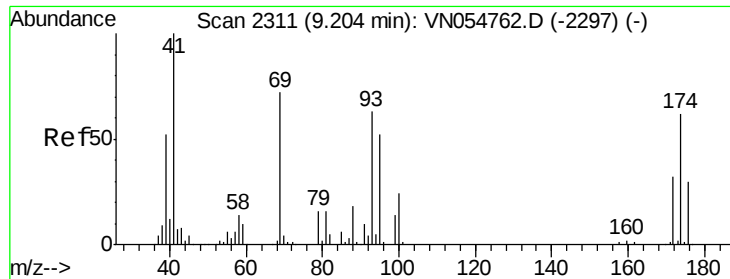
69 73.4 72.6 108.8

39 57.0 47.5 71.3



Abundance Ion 41.00 (40.70 to 41.70): VN054862.D (-2217) (-)





#49

1,4-Dioxane

Concen: 485.834 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

Instrument :
MSVOA_N
ClientSampled :

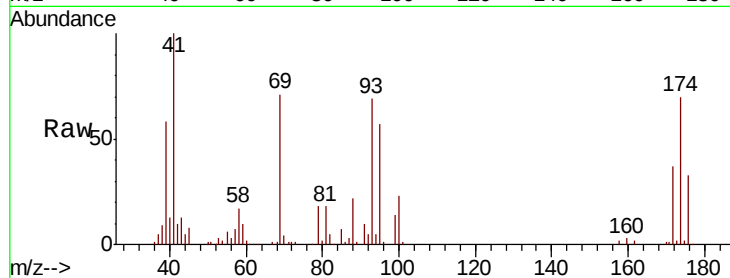
Tot Ion: 88 Resp: 19348

Ion Ratio Lower Upper

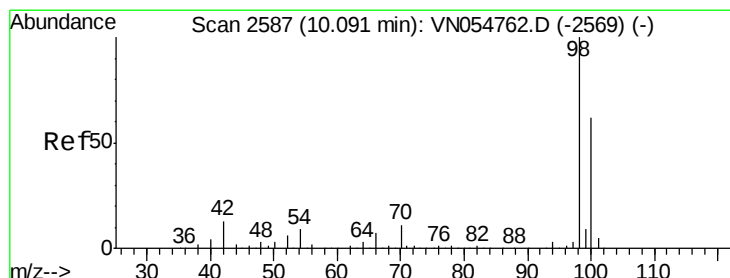
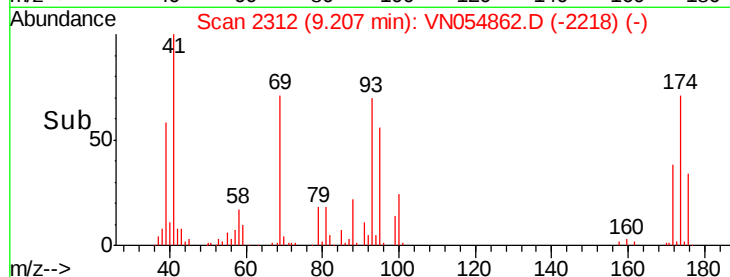
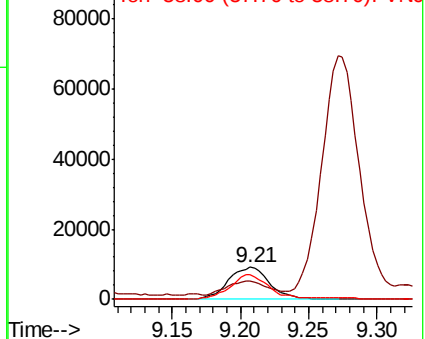
88 100

43 40.1 24.1 36.1#

58 74.1 50.8 76.2



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: 49.266 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054862.D

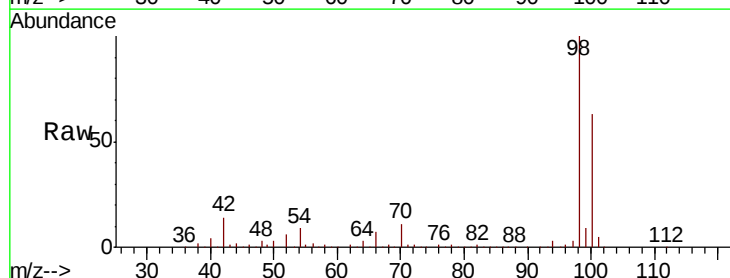
Acq: 31 Mar 2019 20:24

Tgt Ion: 98 Resp: 814320

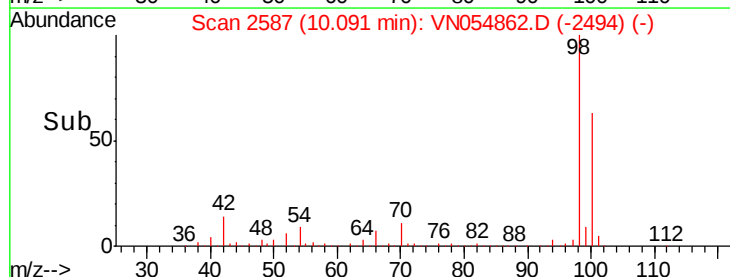
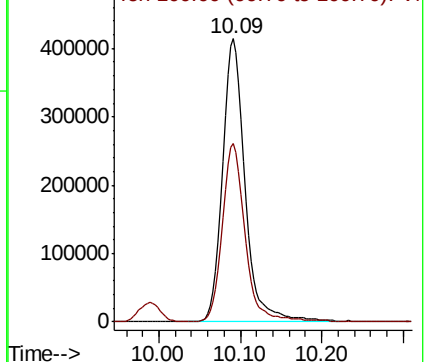
Ion Ratio Lower Upper

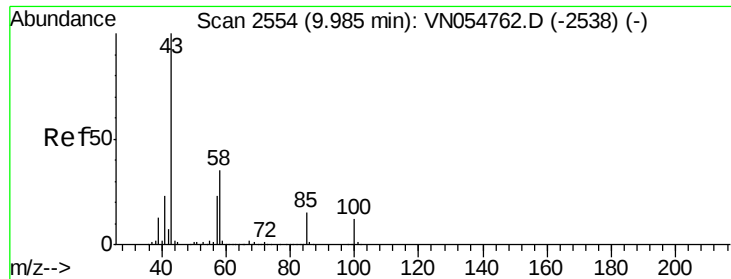
98 100

100 63.7 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: 112.754 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

Instrument :

MSVOA_N

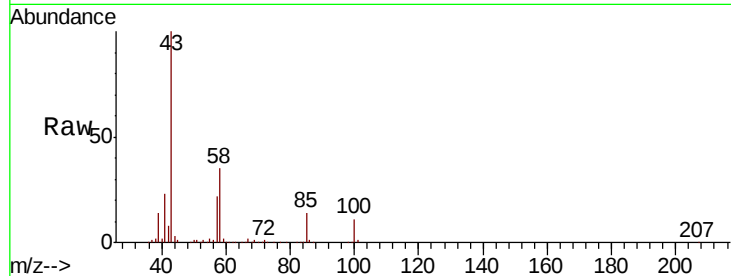
ClientSampled :

Tot Ion: 43 Resp: 469376

Ion Ratio Lower Upper

43 100

58 35.0 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN054862.D (-2538) (-)

Ion 58.00 (57.70 to 58.70): VN054862.D (-2538) (-)

9.99

250000

200000

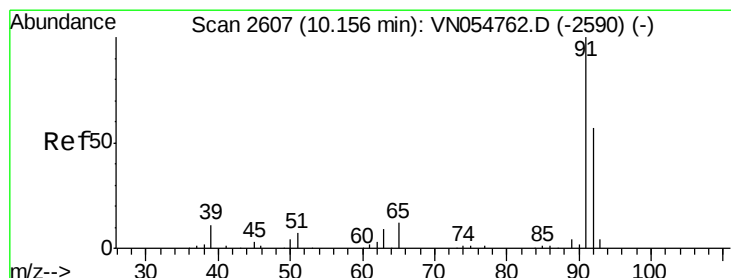
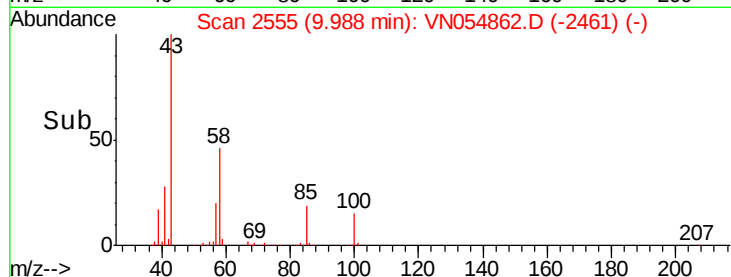
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 21.099 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054862.D

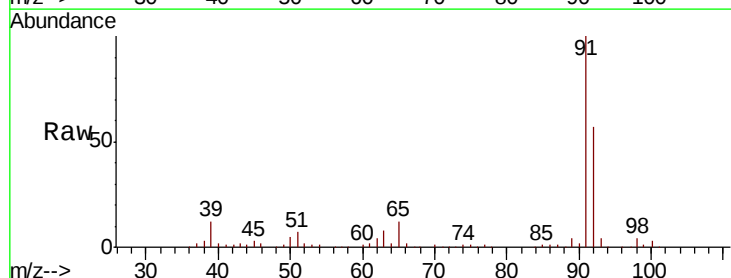
Acq: 31 Mar 2019 20:24

Tgt Ion: 92 Resp: 223234

Ion Ratio Lower Upper

92 100

91 174.6 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN054862.D (-2514) (-)

Ion 91.00 (90.70 to 91.70): VN054862.D (-2514) (-)

10.16

200000

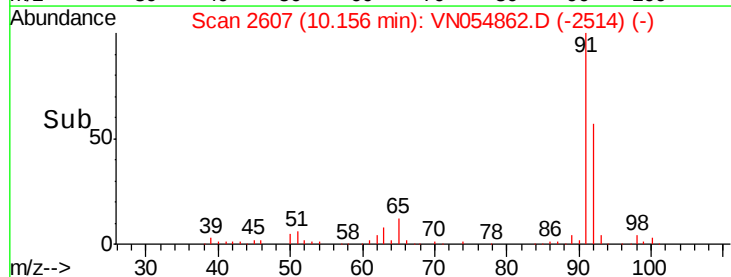
150000

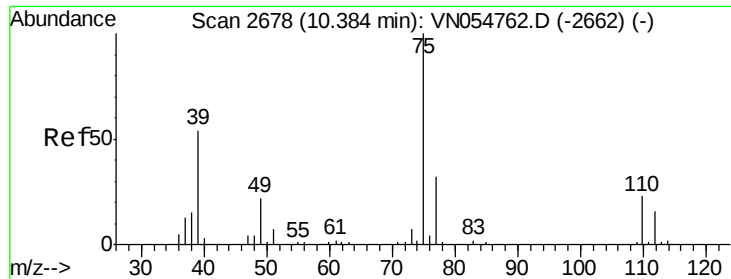
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.892 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

Instrument :

MSVOA_N

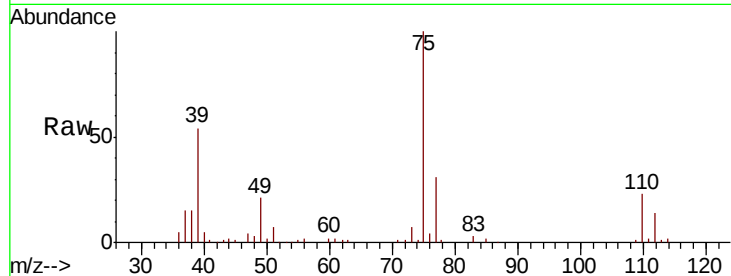
ClientSampleId :

Tot Ion: 75 Resp: 110911

Ion Ratio Lower Upper

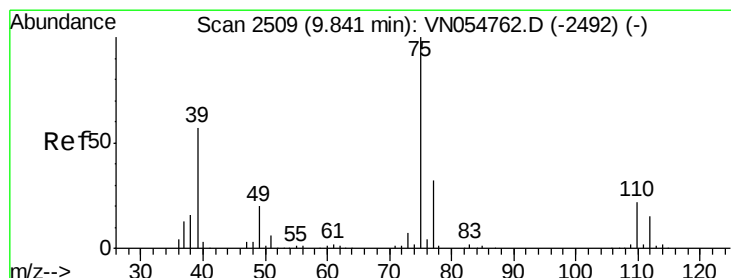
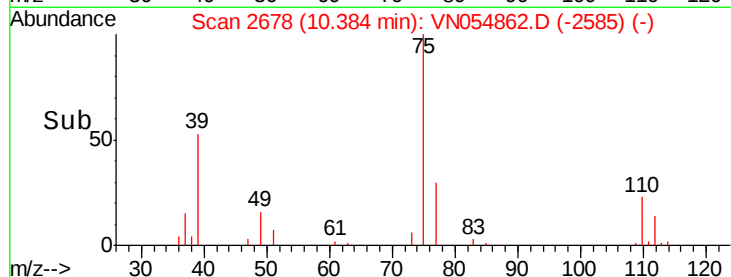
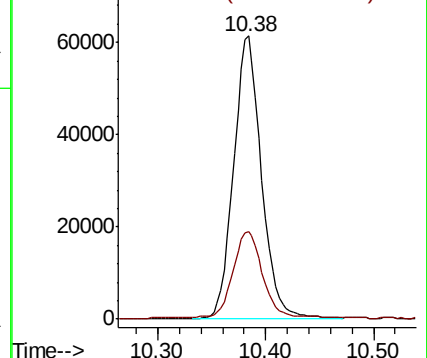
75 100

77 30.2 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 20.732 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

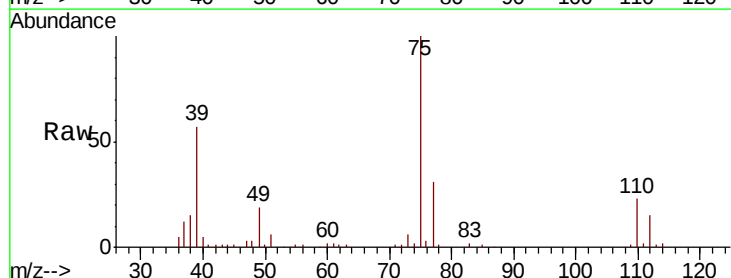
Tgt Ion: 75 Resp: 138083

Ion Ratio Lower Upper

75 100

77 30.6 25.4 38.0

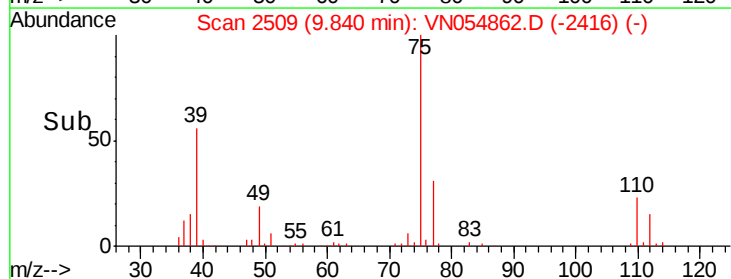
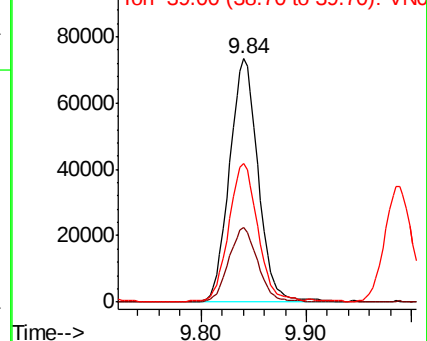
39 56.2 37.2 55.8#

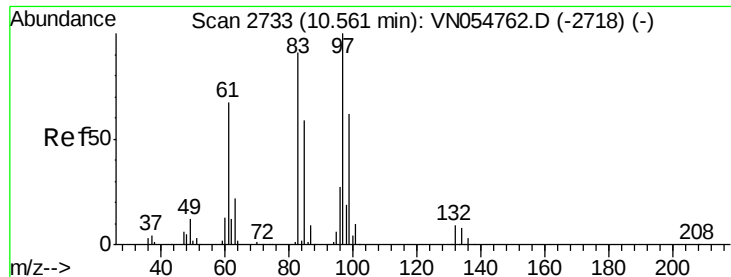


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 21.226 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 83504

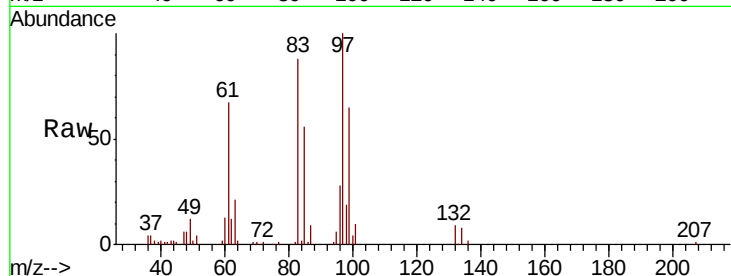
Ion	Ratio	Lower	Upper
97	100		
83	88.2	66.6	100.0
85	55.8	44.4	66.6
99	64.9	50.8	76.2

97 100

83 88.2 66.6 100.0

85 55.8 44.4 66.6

99 64.9 50.8 76.2

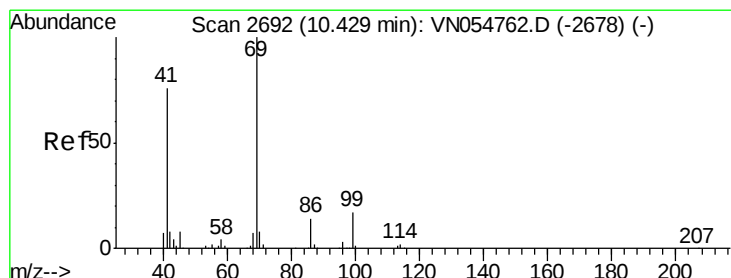
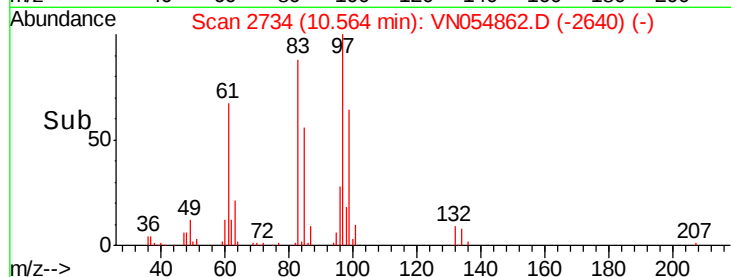
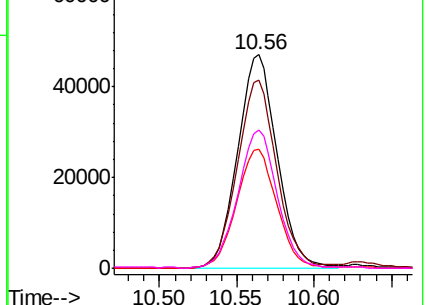


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 20.790 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

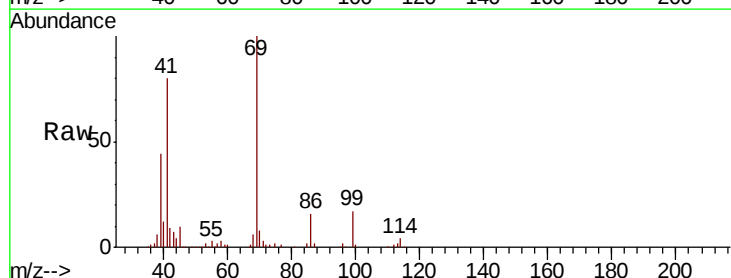
Tgt Ion: 69 Resp: 107292

Ion	Ratio	Lower	Upper
69	100		
41	79.2	49.4	74.2#
39	42.3	28.3	42.5

69 100

41 79.2 49.4 74.2#

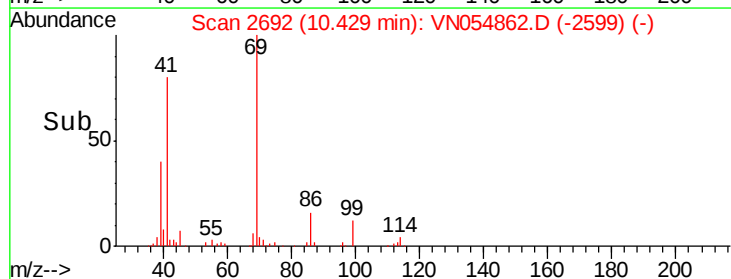
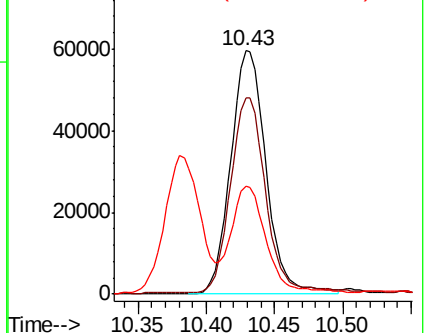
39 42.3 28.3 42.5

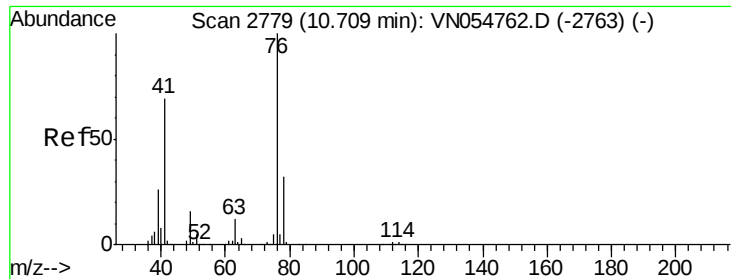


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 21.198 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

Instrument :

MSVOA_N

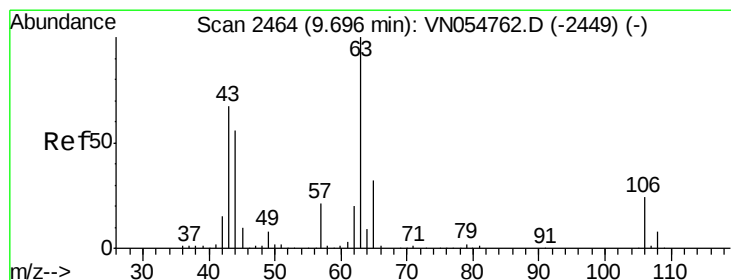
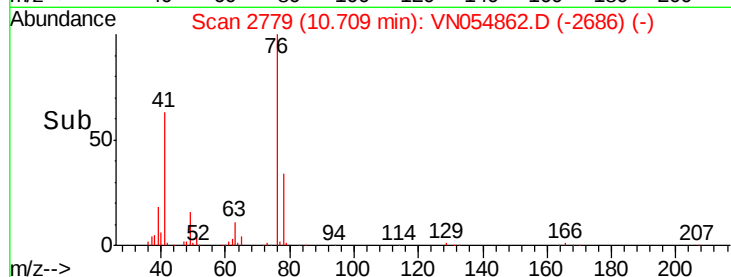
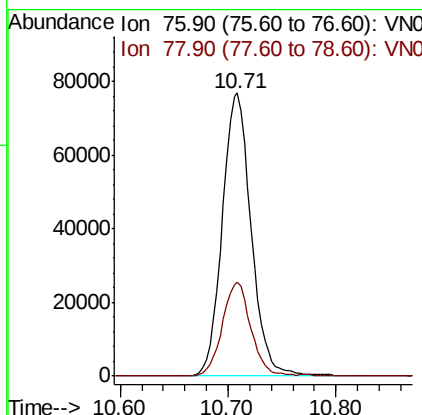
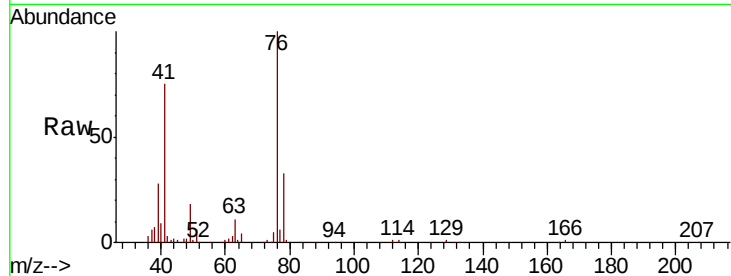
ClientSampleId :

Tot Ion: 76 Resp: 143371

Ion Ratio Lower Upper

76 100

78 32.8 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 98.367 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN054862.D

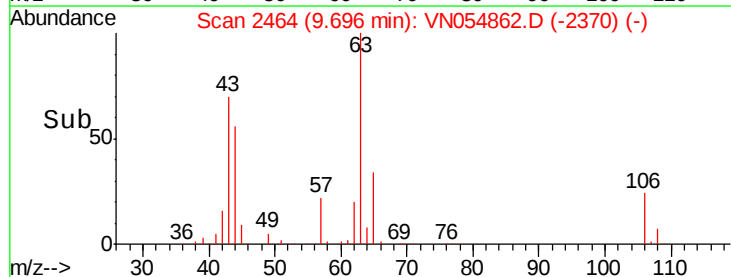
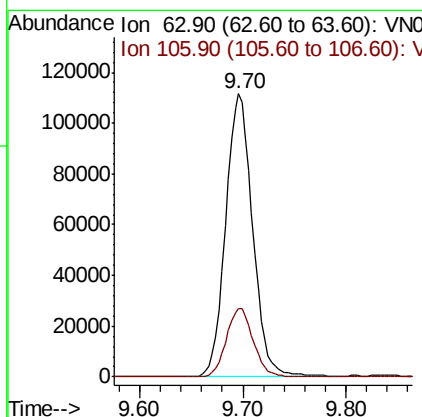
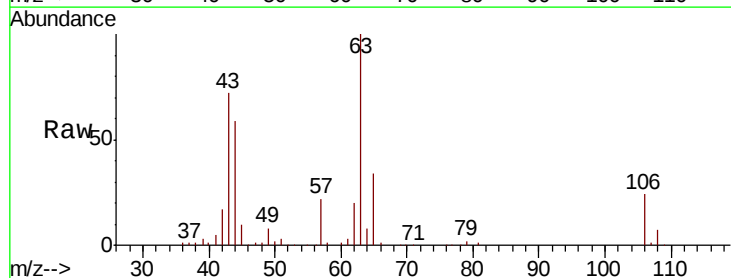
Acq: 31 Mar 2019 20:24

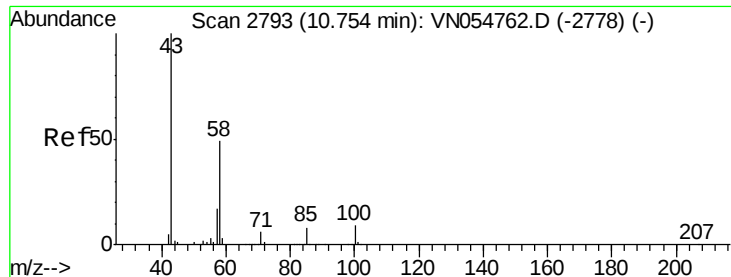
Tgt Ion: 63 Resp: 204106

Ion Ratio Lower Upper

63 100

106 24.1 24.4 36.6#

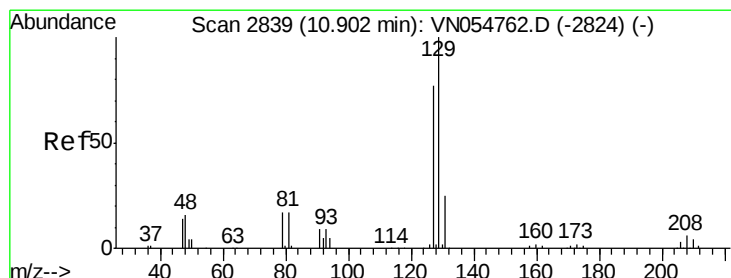
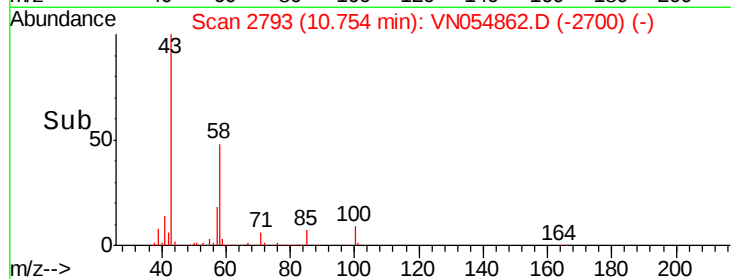
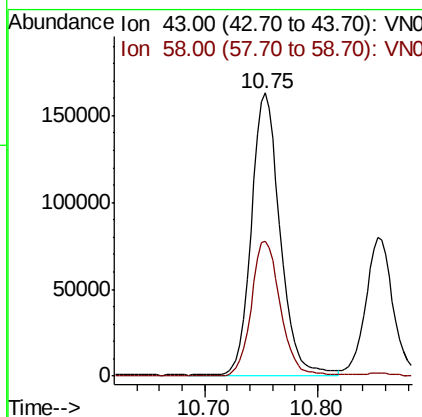
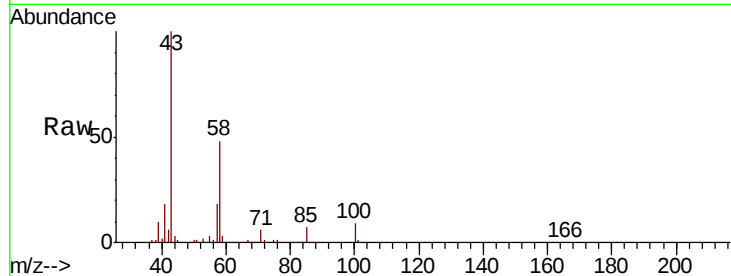




#59
2-Hexanone
Concen: 106.931 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN054862.D
Acq: 31 Mar 2019 20:24

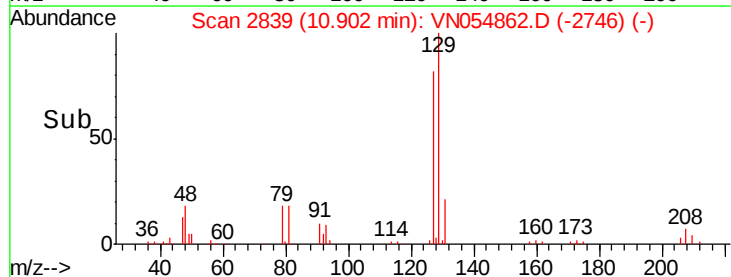
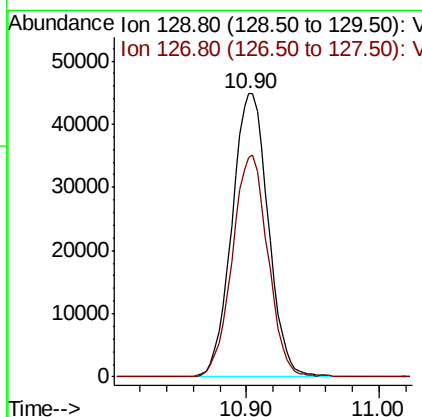
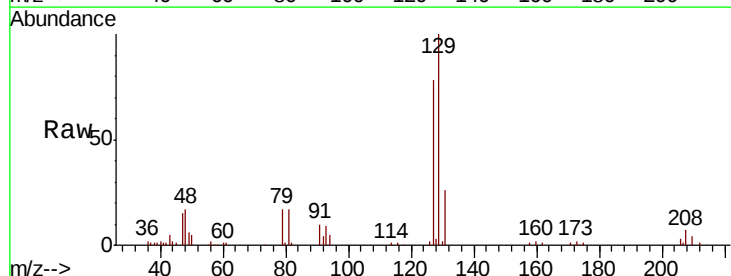
Instrument :
MSVOA_N
ClientSampleId :

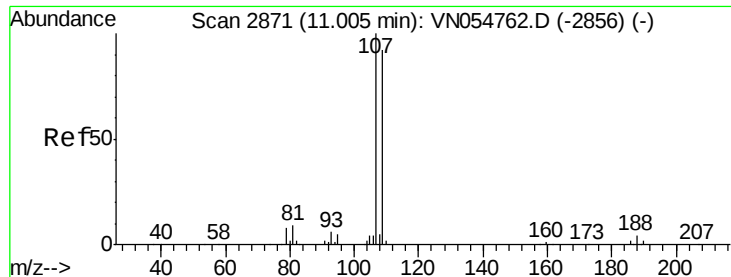
Tot Ion: 43 Resp: 284959
Ion Ratio Lower Upper
43 100
58 49.0 28.0 83.9



#60
Dibromochloromethane
Concen: 21.359 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN054862.D
Acq: 31 Mar 2019 20:24

Tgt Ion:129 Resp: 85118
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.8

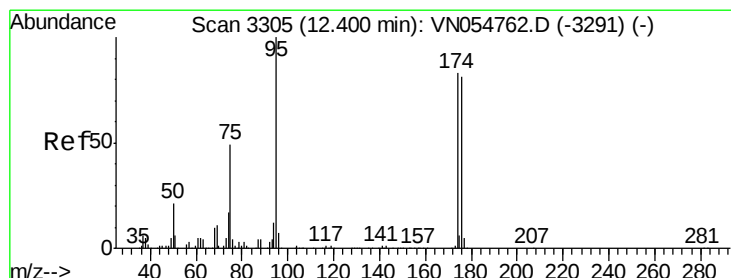
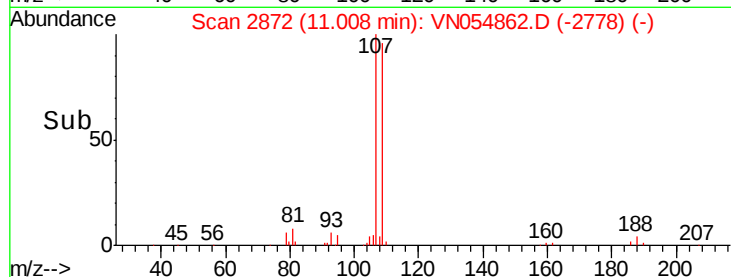
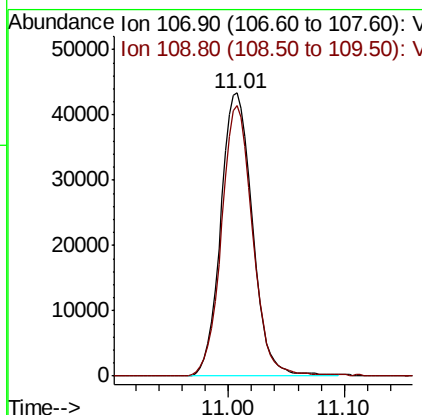
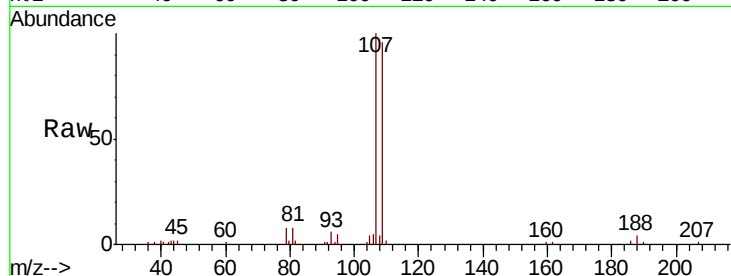




#61
 1,2-Dibromoethane
 Concen: 21.865 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN054862.D
 Acq: 31 Mar 2019 20:24

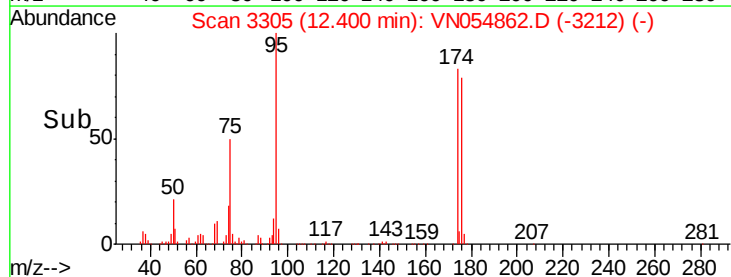
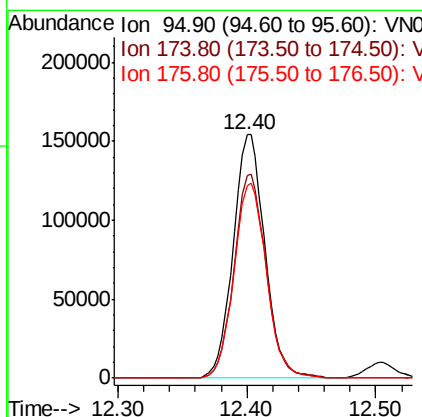
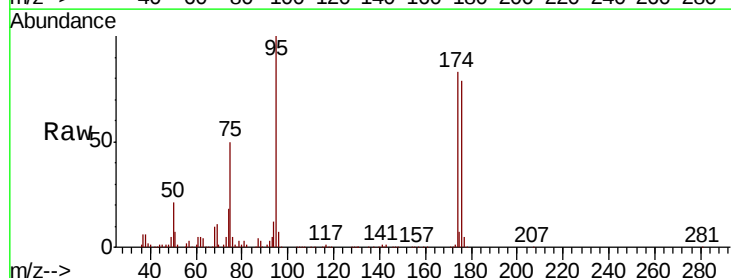
Instrument :
 MSVOA_N
 ClientSampleId :

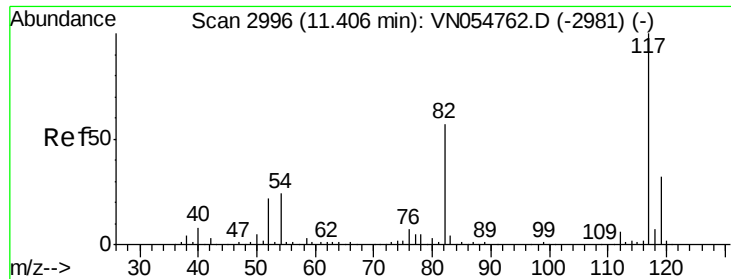
Tot Ion: 107 Resp: 82202
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 48.052 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN054862.D
 Acq: 31 Mar 2019 20:24

Tgt Ion: 95 Resp: 264152
 Ion Ratio Lower Upper
 95 100
 174 84.5 0.0 191.0
 176 81.7 0.0 187.4

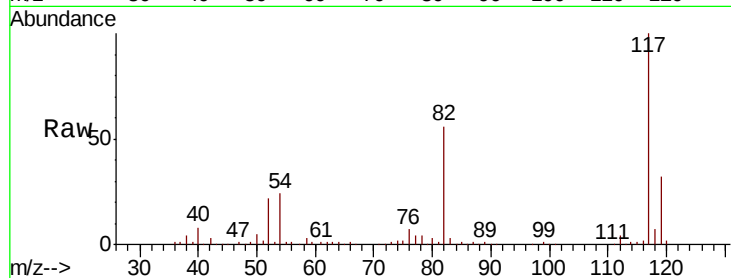




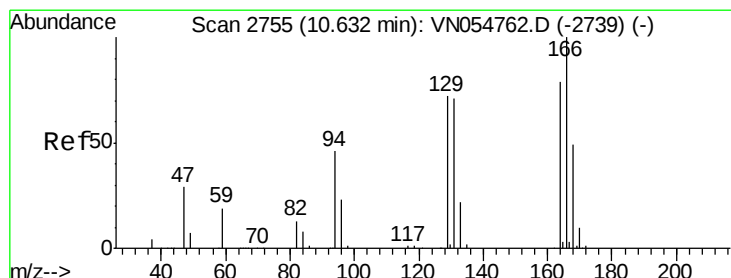
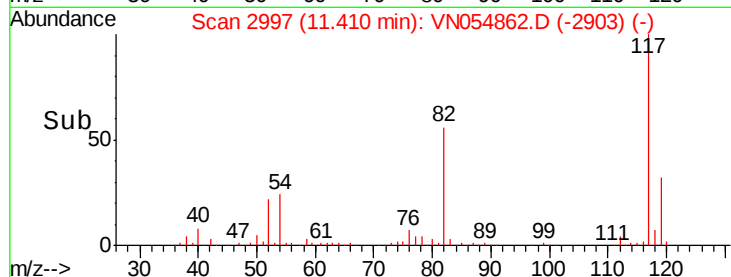
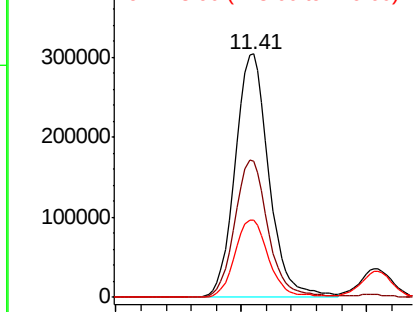
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054862.D
Acq: 31 Mar 2019 20:24

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 569518
Ion Ratio Lower Upper
117 100
82 56.1 40.0 60.0
119 31.8 25.8 38.6

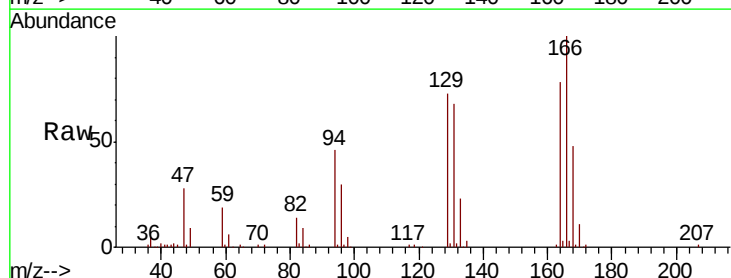


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

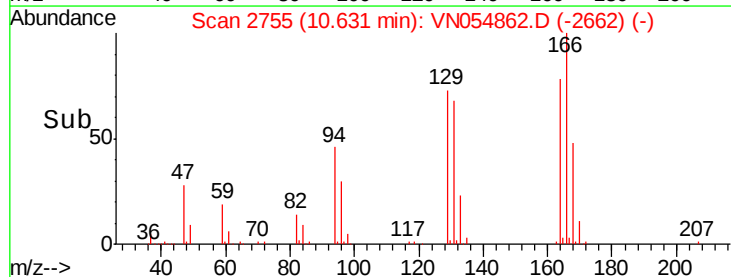
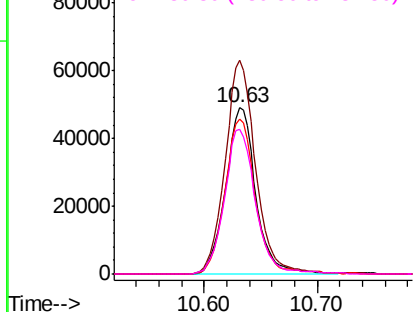


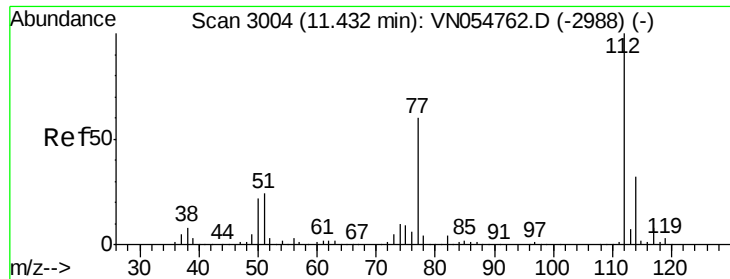
#64
Tetrachloroethene
Concen: 20.752 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN054862.D
Acq: 31 Mar 2019 20:24

Tgt Ion:164 Resp: 90692
Ion Ratio Lower Upper
164 100
166 128.8 103.9 155.9
129 93.6 71.1 106.7
131 87.4 68.2 102.4



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

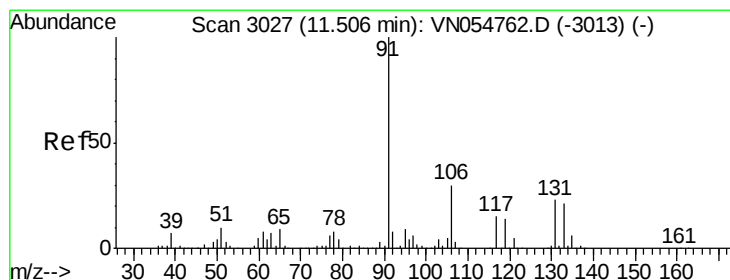
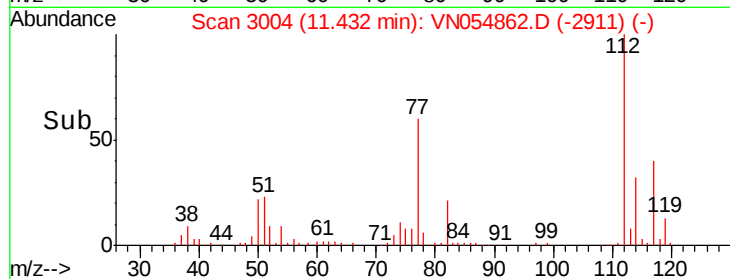
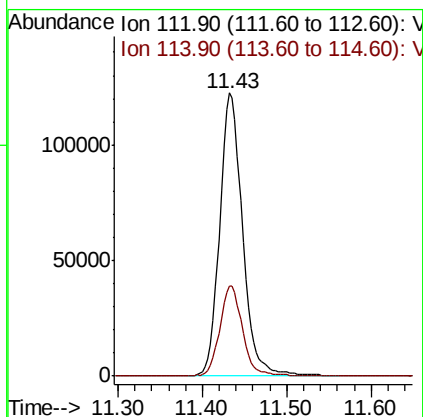
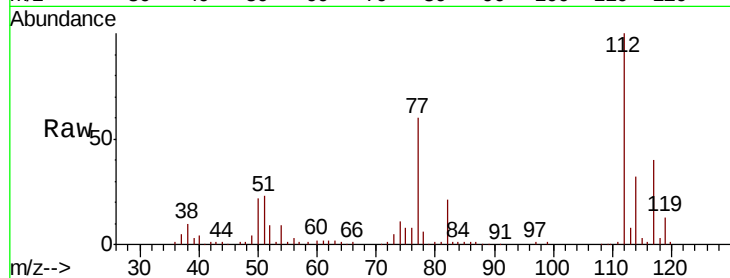




#65
Chlorobenzene
Concen: 20.680 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN054862.D
Acq: 31 Mar 2019 20:24

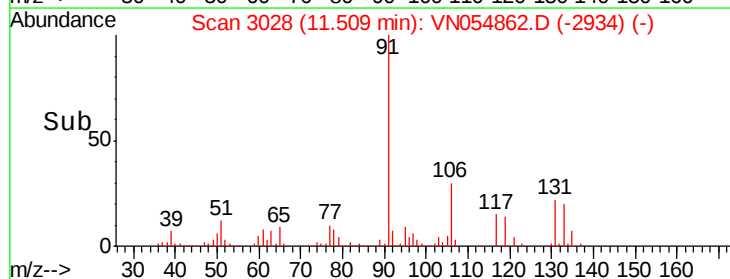
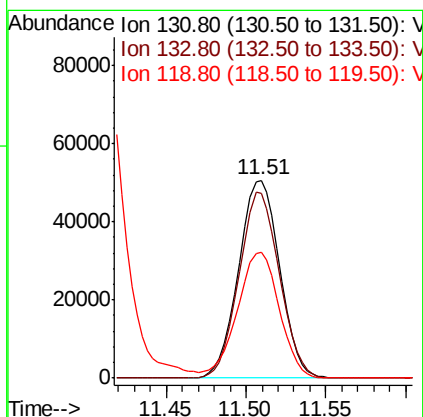
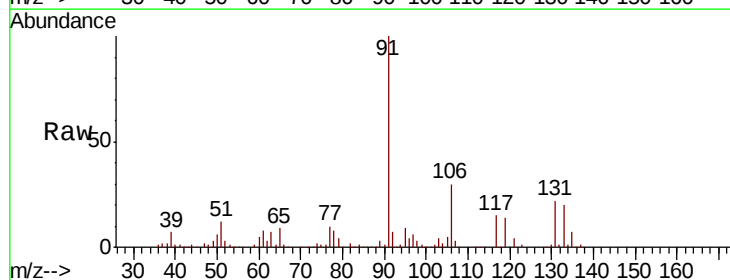
Instrument :
MSVOA_N
ClientSampled :

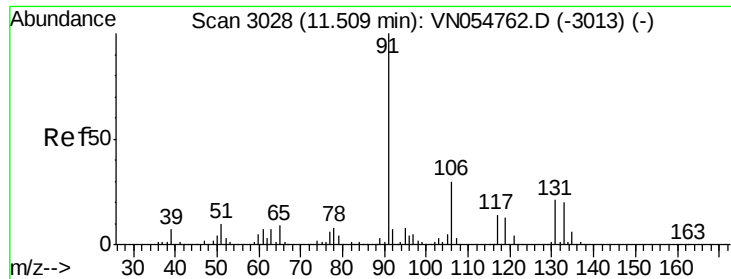
Tot Ion:112 Resp: 230590
Ion Ratio Lower Upper
112 100
114 31.9 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 21.211 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054862.D
Acq: 31 Mar 2019 20:24

Tgt Ion:131 Resp: 88527
Ion Ratio Lower Upper
131 100
133 92.4 47.6 142.9
119 65.4 32.4 97.0

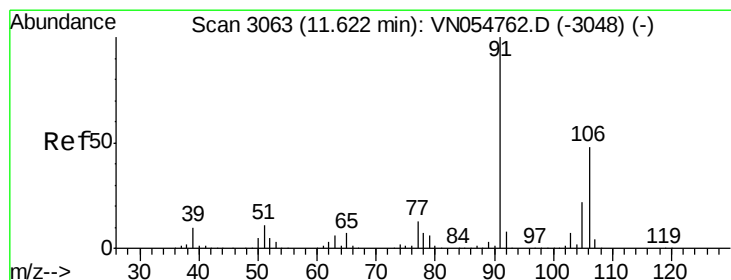
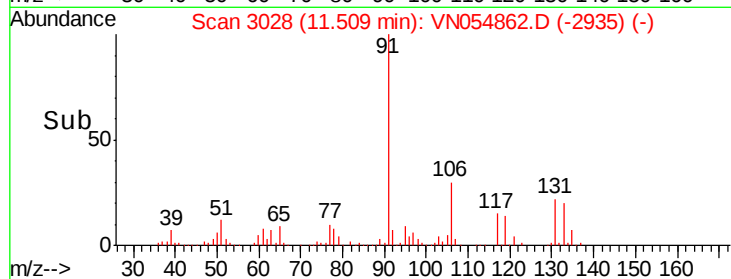
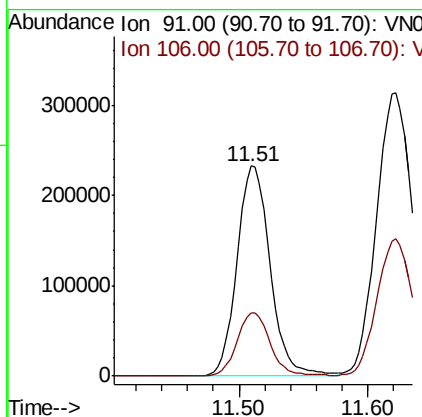
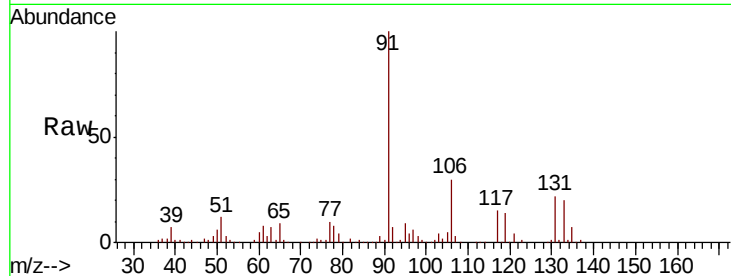




#67
Ethyl Benzene
Concen: 20.705 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054862.D
Acq: 31 Mar 2019 20:24

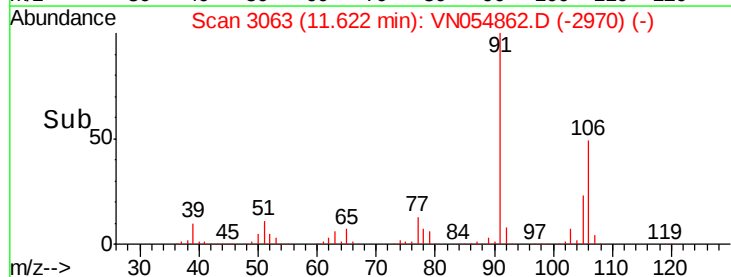
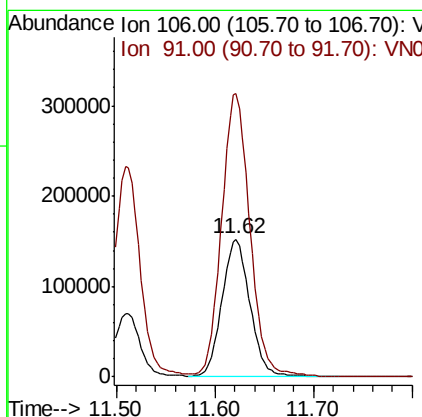
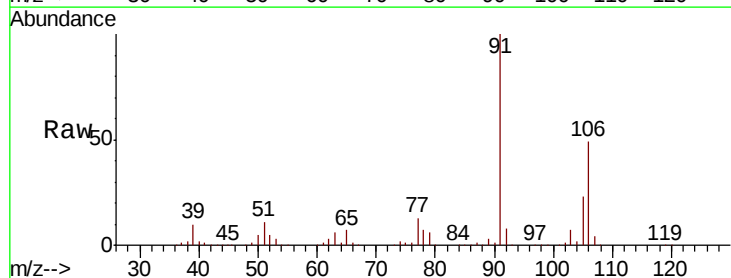
Instrument :
MSVOA_N
ClientSampled :

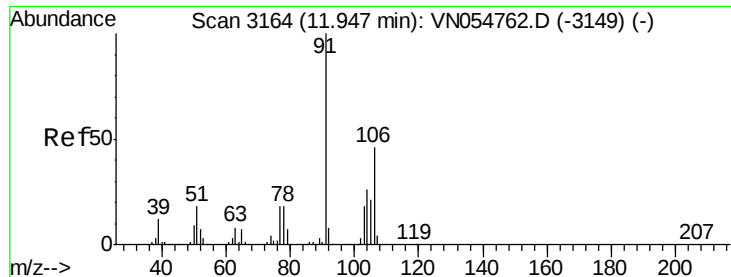
Tot Ion: 91 Resp: 416624
Ion Ratio Lower Upper
91 100
106 30.3 25.5 38.3



#68
m/p-Xylenes
Concen: 40.914 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN054862.D
Acq: 31 Mar 2019 20:24

Tgt Ion: 106 Resp: 304661
Ion Ratio Lower Upper
106 100
91 207.7 159.4 239.2

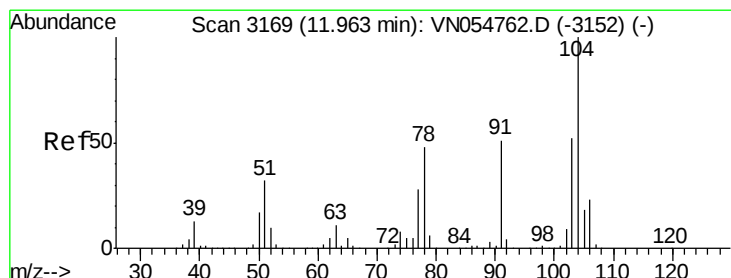
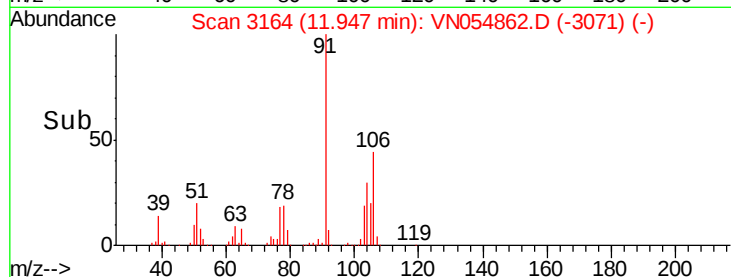
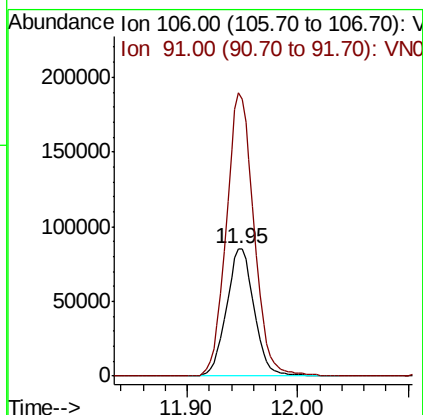
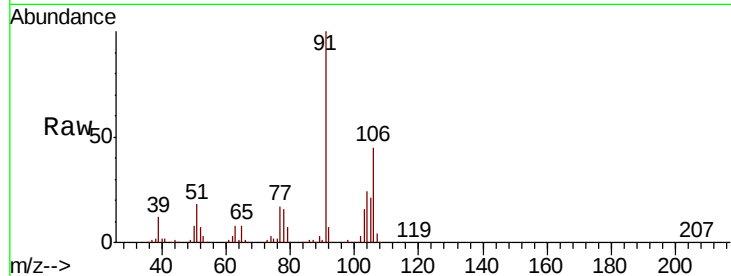




#69
o-Xylene
Concen: 20.425 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054862.D
Acq: 31 Mar 2019 20:24

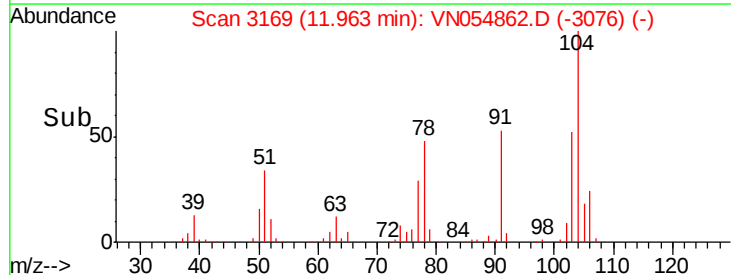
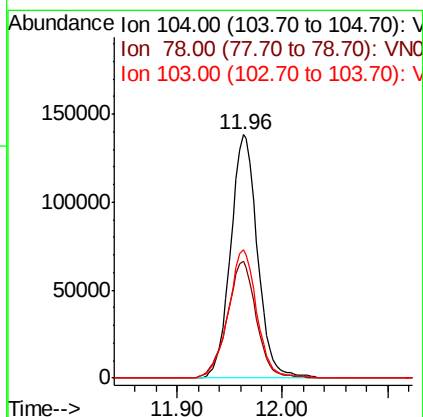
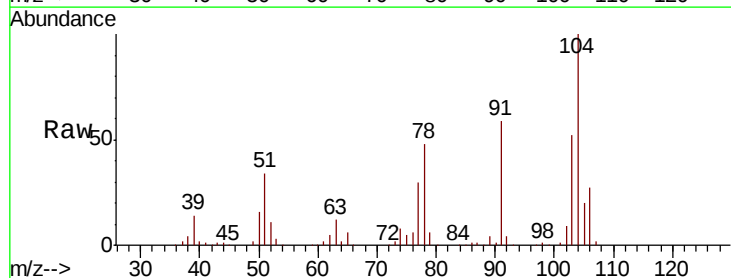
Instrument :
MSVOA_N
ClientSampled :

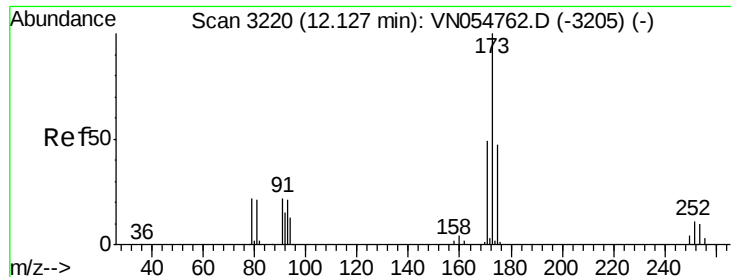
Tot Ion:106 Resp: 149139
Ion Ratio Lower Upper
106 100
91 220.4 105.7 317.1



#70
Styrene
Concen: 20.919 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN054862.D
Acq: 31 Mar 2019 20:24

Tgt Ion:104 Resp: 244233
Ion Ratio Lower Upper
104 100
78 51.9 38.2 57.2
103 56.0 44.4 66.6

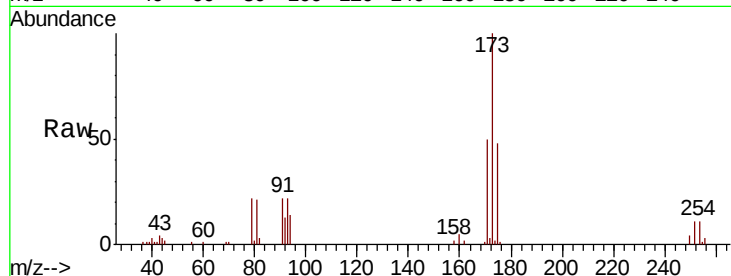




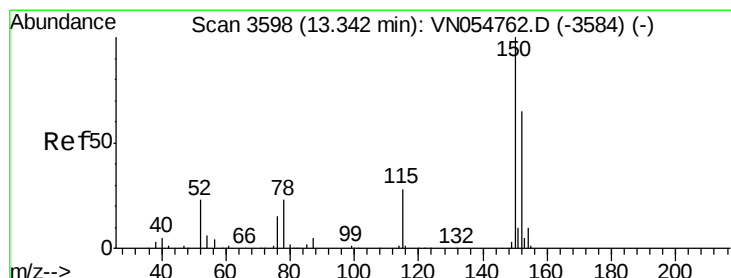
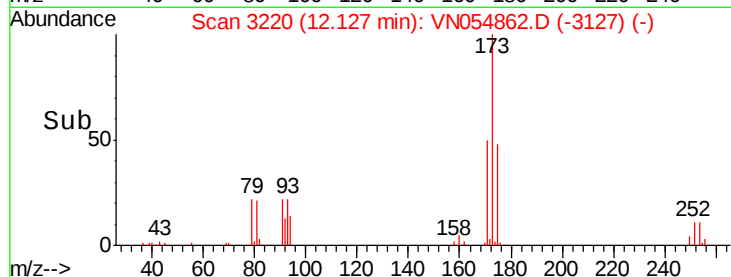
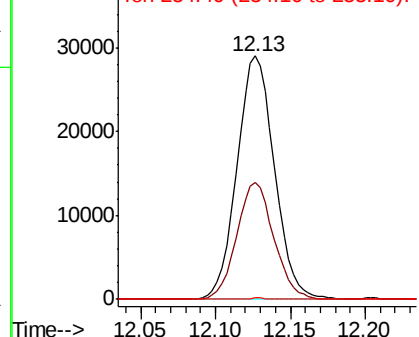
#71
Bromoform
Concen: 20.654 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN054862.D
Acq: 31 Mar 2019 20:24

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 50500
Ion Ratio Lower Upper
173 100
175 47.5 24.4 73.2
254 0.1 0.1 0.1#

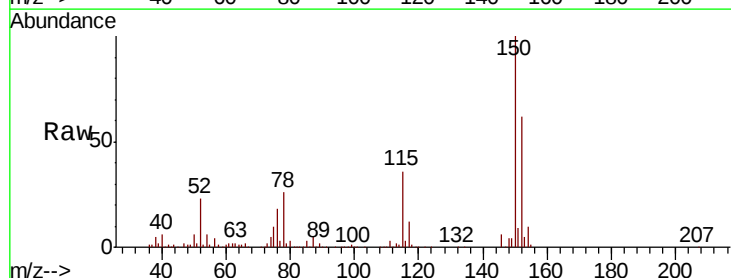


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

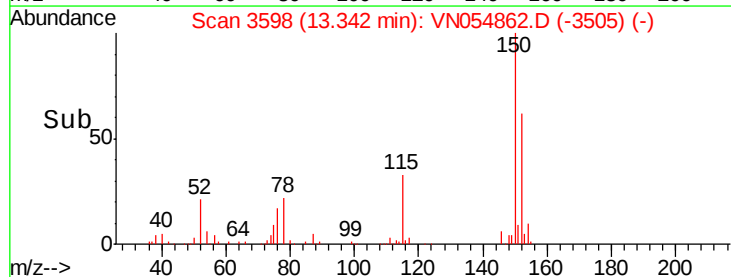
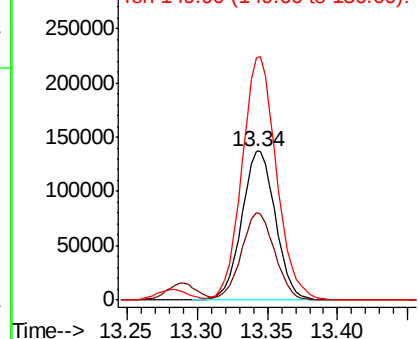


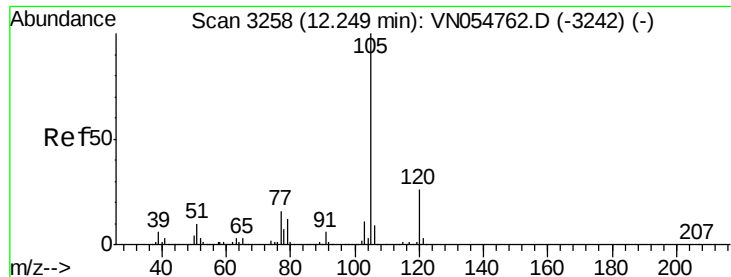
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054862.D
Acq: 31 Mar 2019 20:24

Tgt Ion:152 Resp: 229398
Ion Ratio Lower Upper
152 100
115 58.2 27.2 81.6
150 167.0 0.0 349.2



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: 21.220 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

Instrument :

MSVOA_N

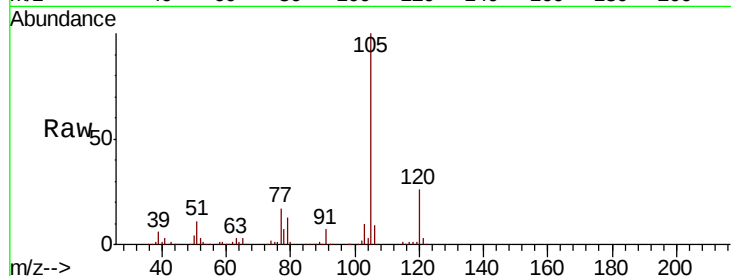
ClientSampled :

Tot Ion:105 Resp: 397875

Ion Ratio Lower Upper

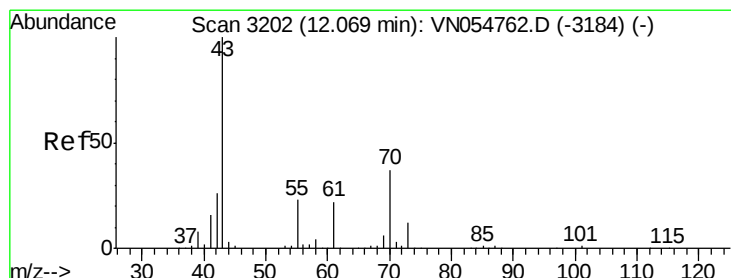
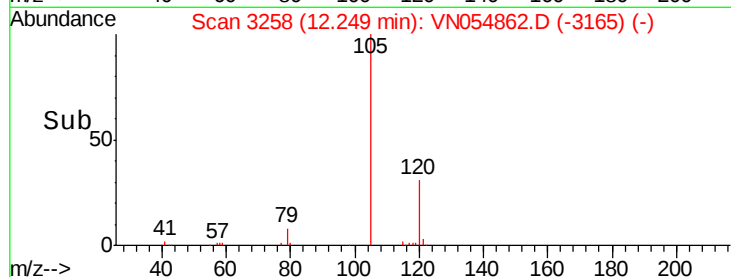
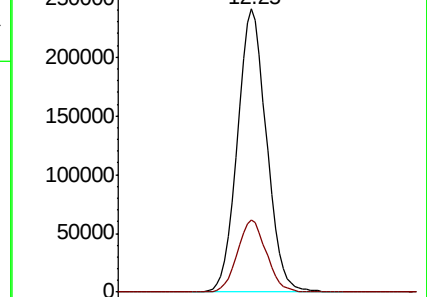
105 100

120 25.5 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.689 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

Tgt Ion: 43 Resp: 126692

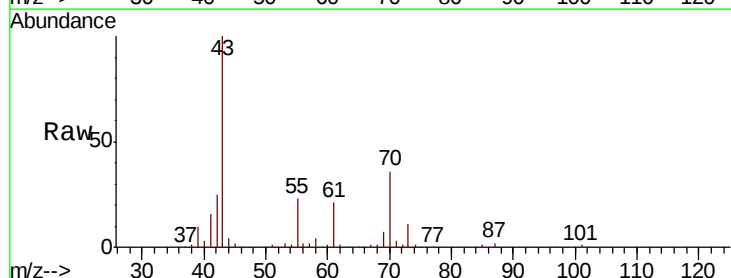
Ion Ratio Lower Upper

43 100

70 35.6 35.4 53.0

55 23.7 19.8 29.6

61 21.6 19.8 29.6

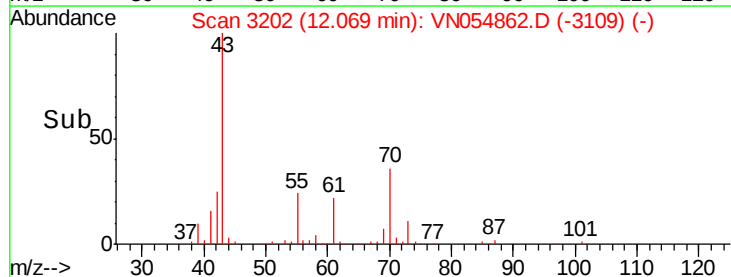
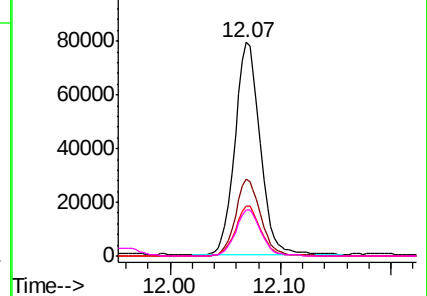


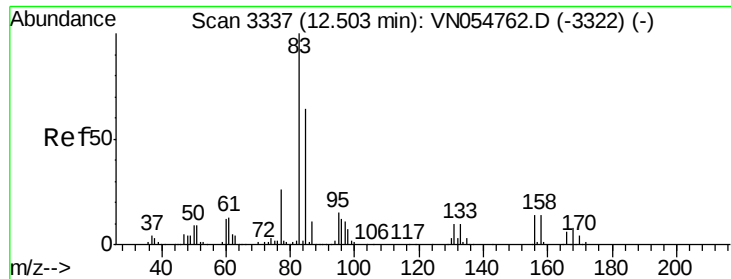
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 23.906 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

Instrument :

MSVOA_N

ClientSampled :

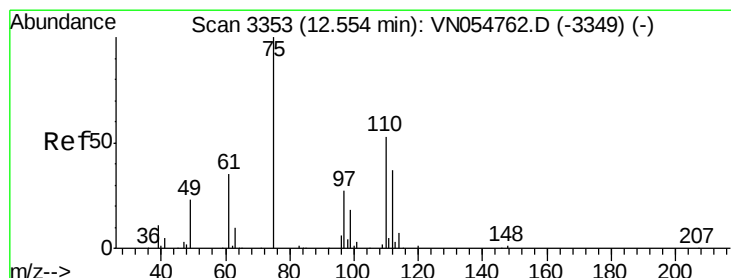
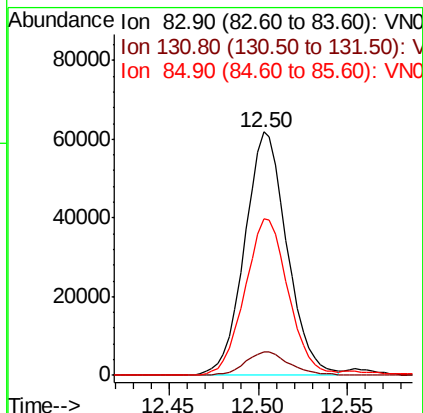
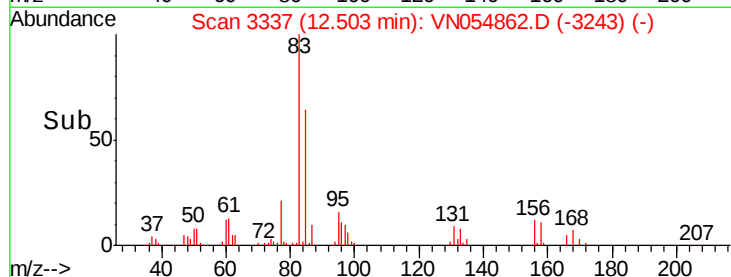
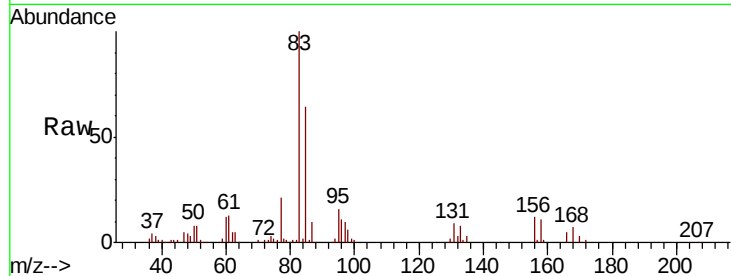
Tot Ion: 83 Resp: 102507

Ion Ratio Lower Upper

83 100

131 10.1 5.8 17.4

85 65.9 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 29.174 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN054862.D

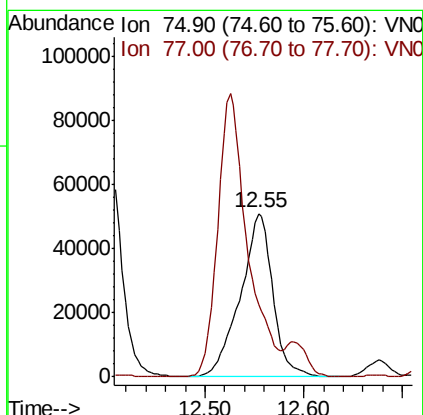
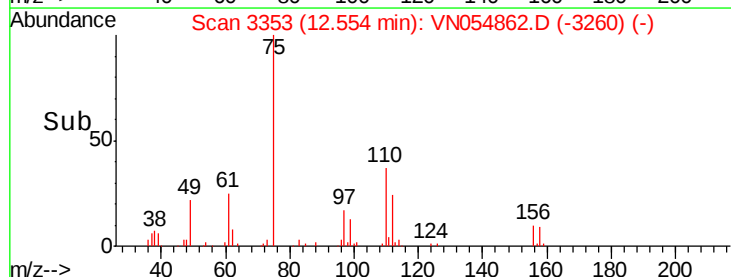
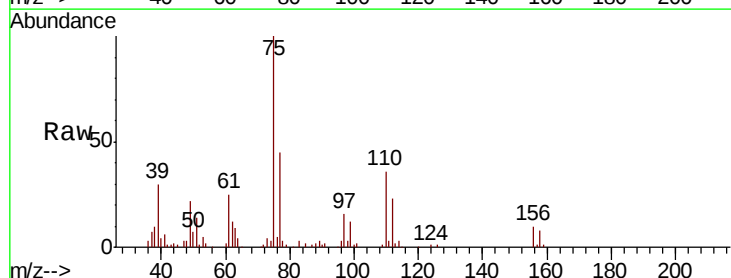
Acq: 31 Mar 2019 20:24

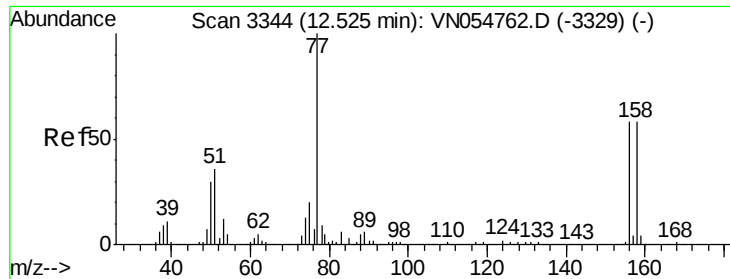
Tgt Ion: 75 Resp: 116263

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.986 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

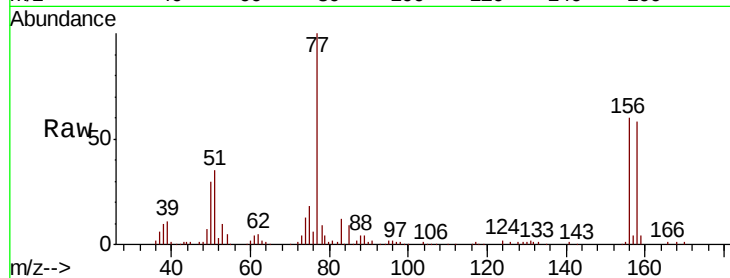
Tot Ion:156 Resp: 94966

Ion Ratio Lower Upper

156 100

77 197.8 81.5 244.4

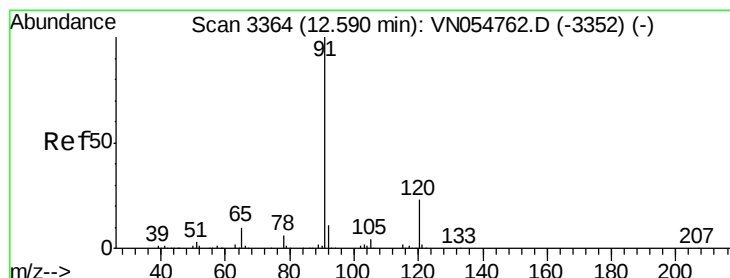
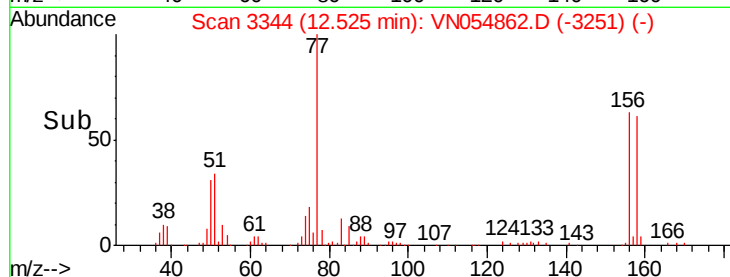
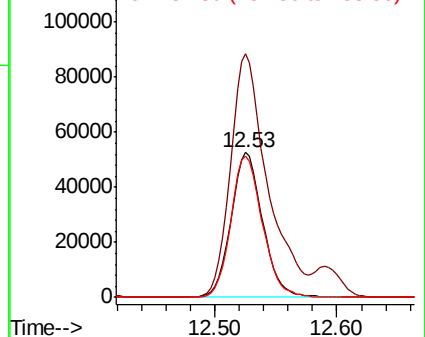
158 97.3 49.0 147.2



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: 20.760 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN054862.D

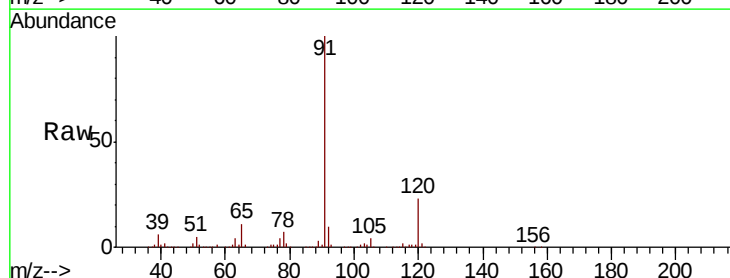
Acq: 31 Mar 2019 20:24

Tgt Ion: 91 Resp: 427830

Ion Ratio Lower Upper

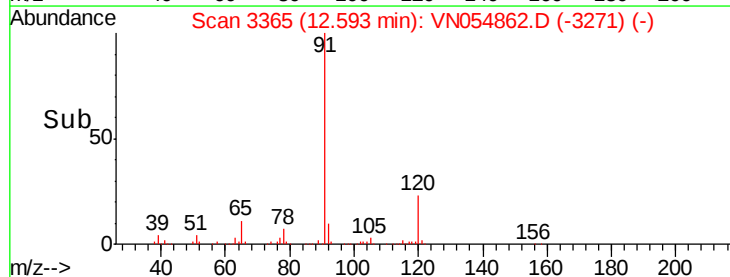
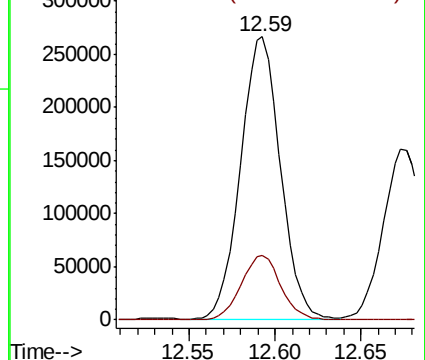
91 100

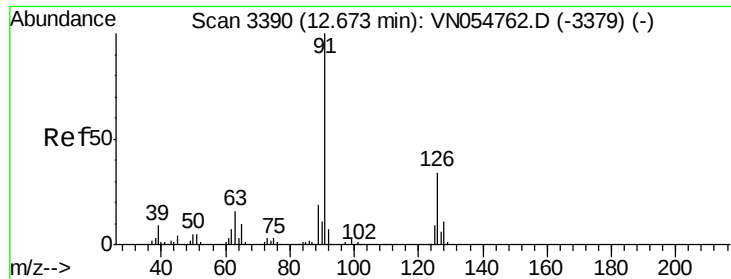
120 22.8 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.200 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

Instrument :

MSVOA_N

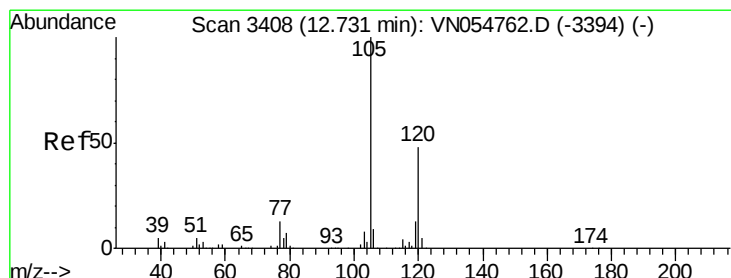
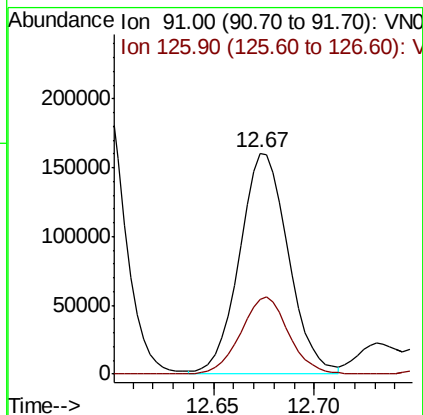
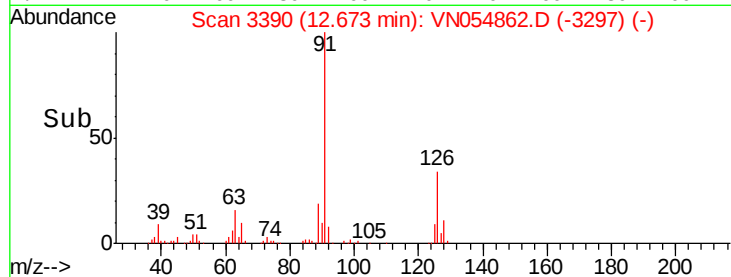
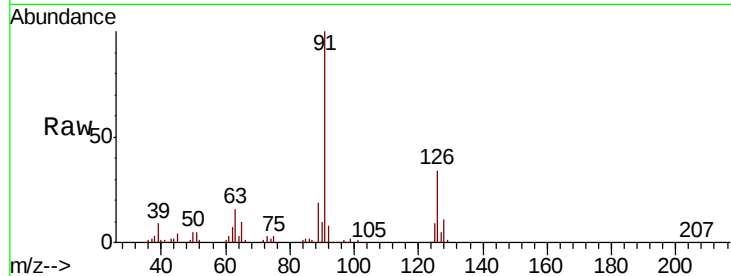
ClientSampleId :

Tot Ion: 91 Resp: 270300

Ion Ratio Lower Upper

91 100

126 34.4 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 21.141 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054862.D

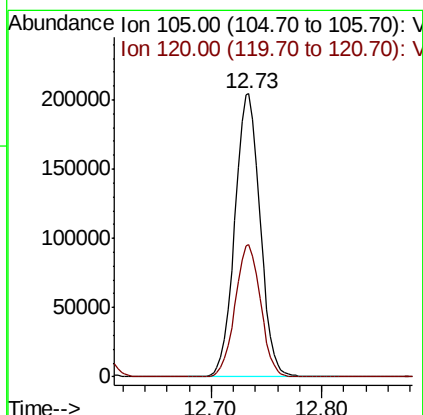
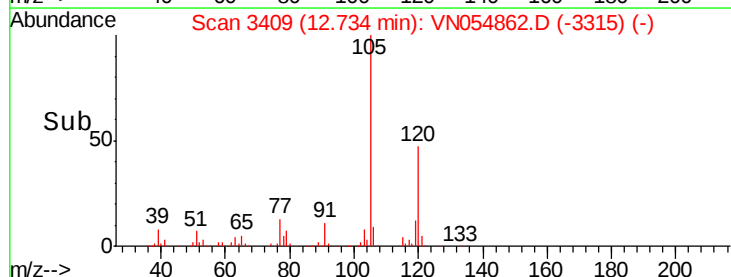
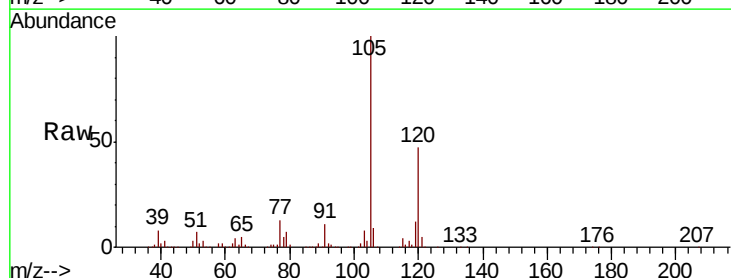
Acq: 31 Mar 2019 20:24

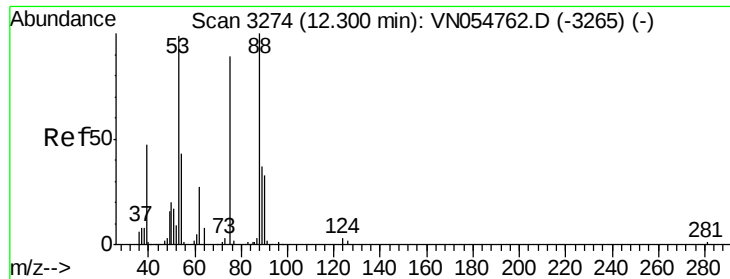
Tgt Ion: 105 Resp: 325251

Ion Ratio Lower Upper

105 100

120 47.0 25.0 75.0

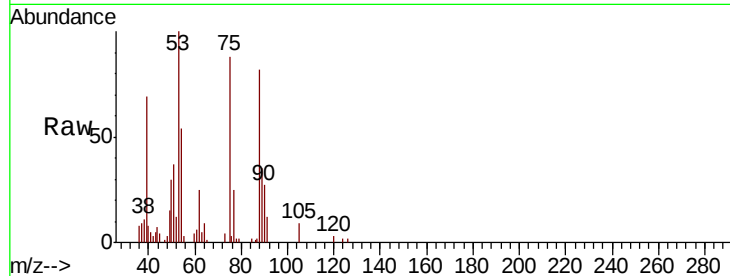




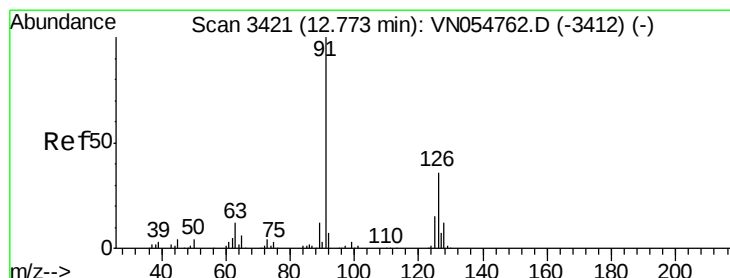
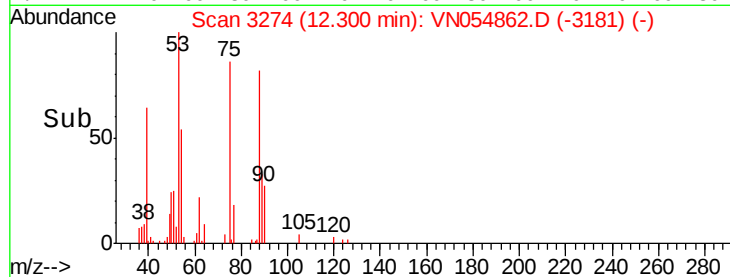
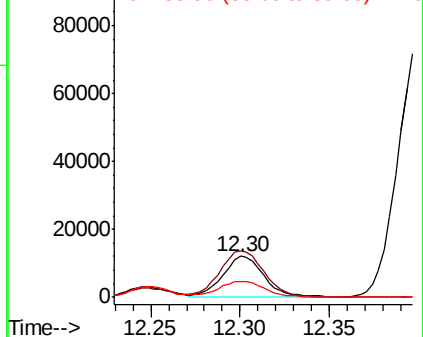
#81
trans-1,4-Dichloro-2-butene
Concen: 18.192 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN054862.D
Acq: 31 Mar 2019 20:24

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 75 Resp: 18638
Ion Ratio Lower Upper
75 100
53 129.5 76.2 114.2#
89 46.9 39.2 58.8

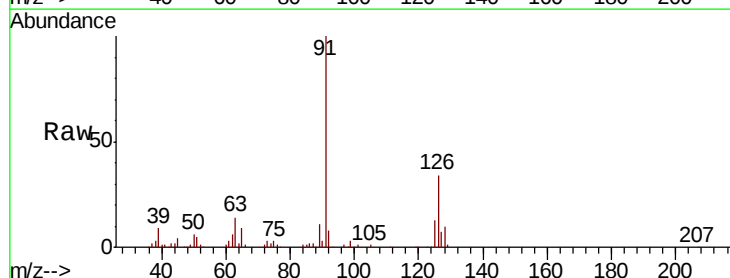


Abundance Ion 74.90 (74.60 to 75.60): VNC
Ion 53.00 (52.70 to 53.70): VNC
Ion 88.90 (88.60 to 89.60): VNC

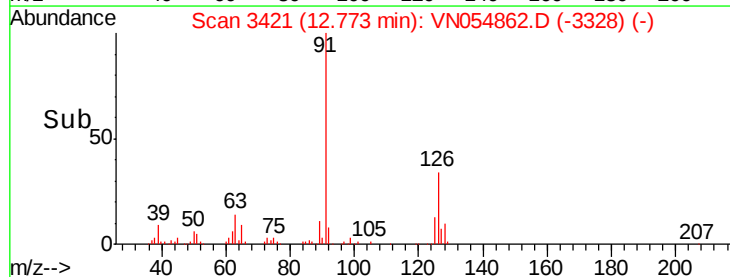
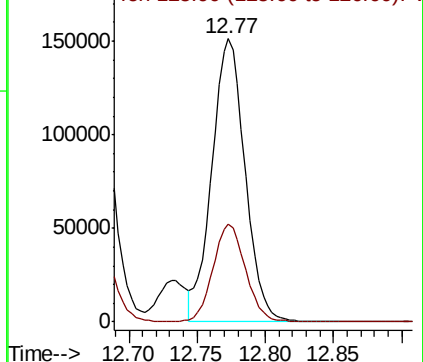


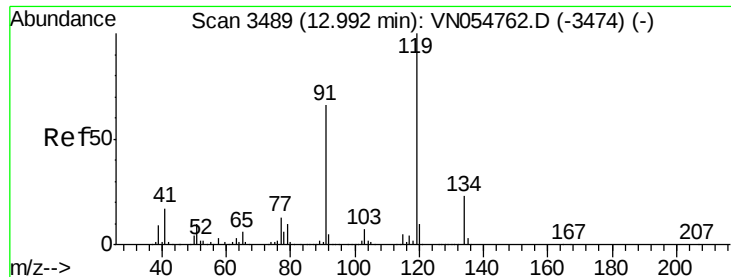
#82
4-Chlorotoluene
Concen: 20.635 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN054862.D
Acq: 31 Mar 2019 20:24

Tgt Ion: 91 Resp: 255542
Ion Ratio Lower Upper
91 100
126 33.8 18.1 54.1



Abundance Ion 91.00 (90.70 to 91.70): VNC
Ion 125.90 (125.60 to 126.60): V

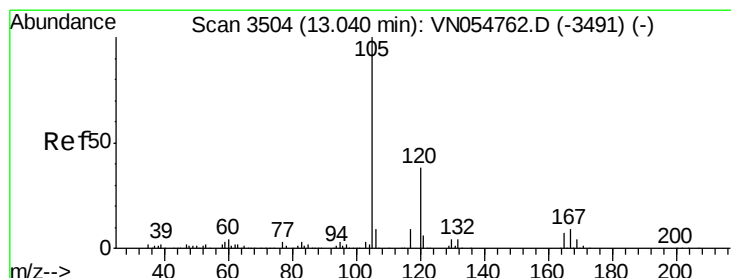
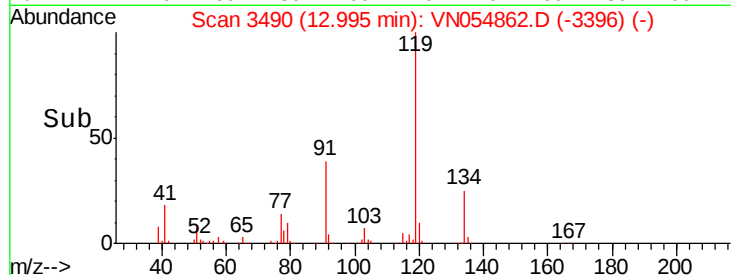
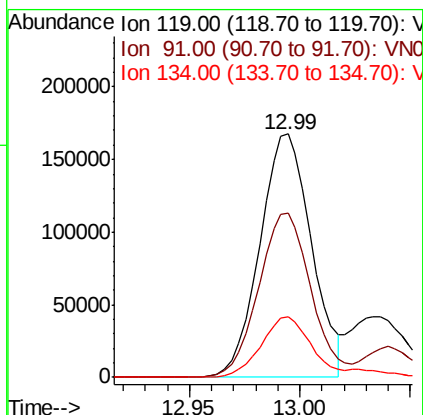
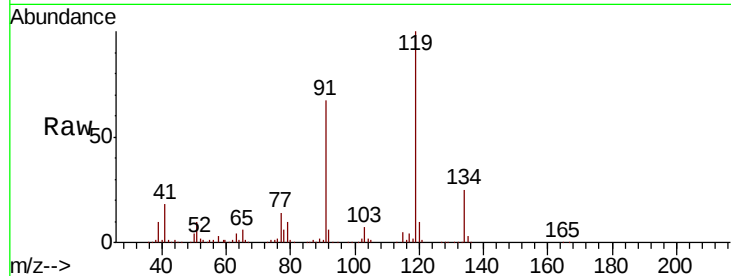




#83
tert-Butylbenzene
Concen: 21.669 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN054862.D
Acq: 31 Mar 2019 20:24

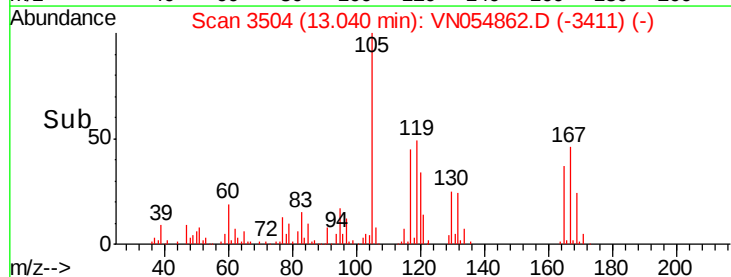
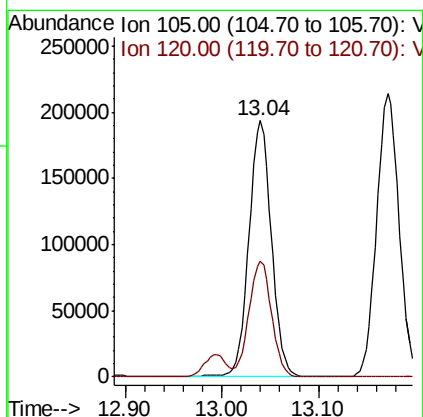
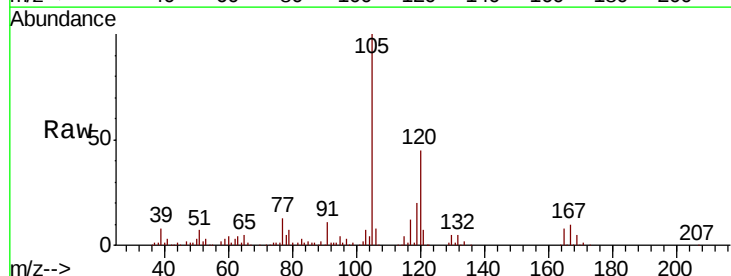
Instrument :
MSVOA_N
ClientSampled :

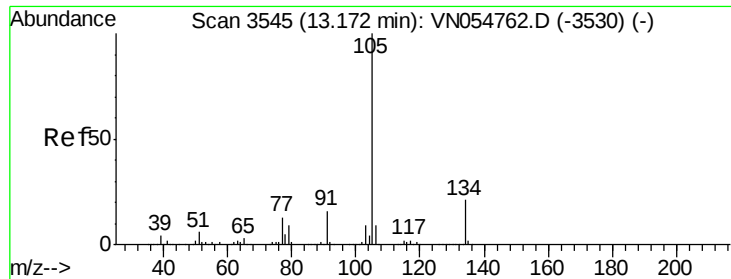
Tot Ion:119 Resp: 272401
Ion Ratio Lower Upper
119 100
91 68.6 30.9 92.8
134 24.1 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 21.404 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN054862.D
Acq: 31 Mar 2019 20:24

Tgt Ion:105 Resp: 313727
Ion Ratio Lower Upper
105 100
120 45.5 23.4 70.3





#85

sec-Butylbenzene

Concen: 20.556 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

Instrument :

MSVOA_N

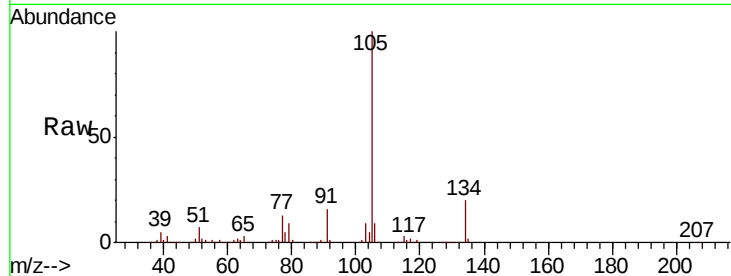
ClientSampleId :

Tot Ion:105 Resp: 343548

Ion Ratio Lower Upper

105 100

134 20.3 10.7 32.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

200000

150000

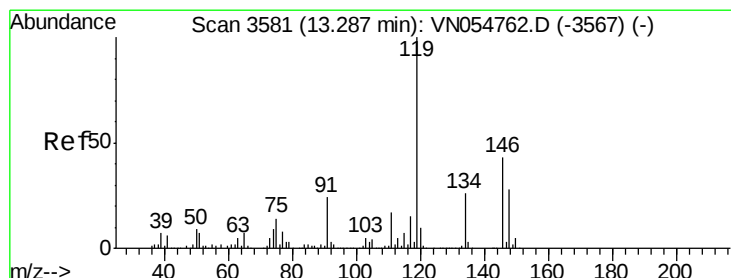
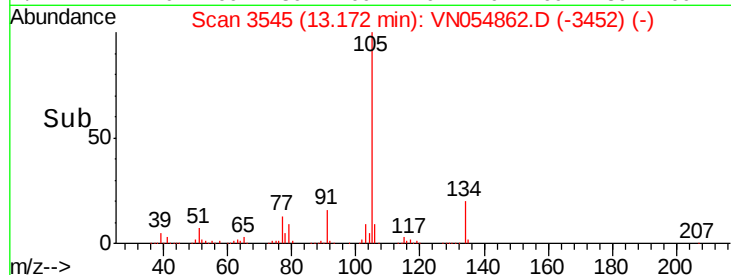
100000

50000

0

Time-->

13.10 13.15 13.20 13.25



#86

p-Isopropyltoluene

Concen: 20.160 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

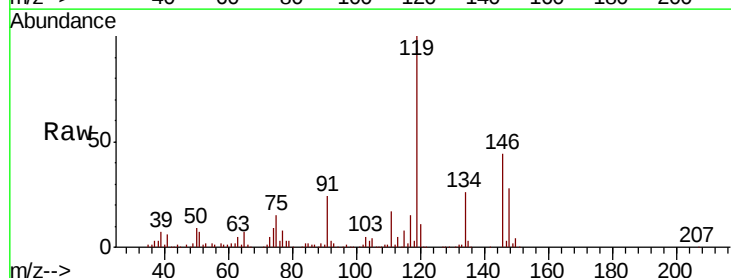
Tgt Ion:119 Resp: 297170

Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.8

91 24.0 11.1 33.3



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

13.29

200000

150000

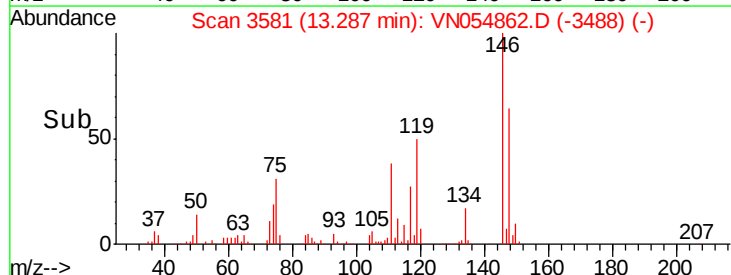
100000

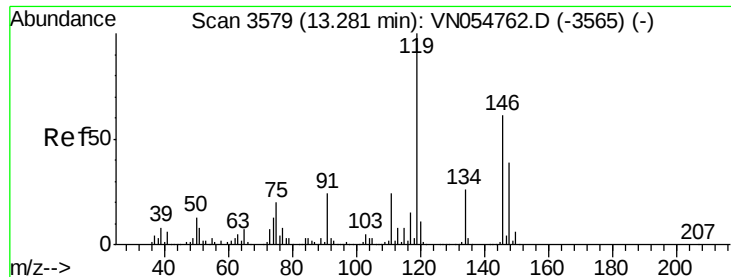
50000

0

Time-->

13.25 13.30 13.35

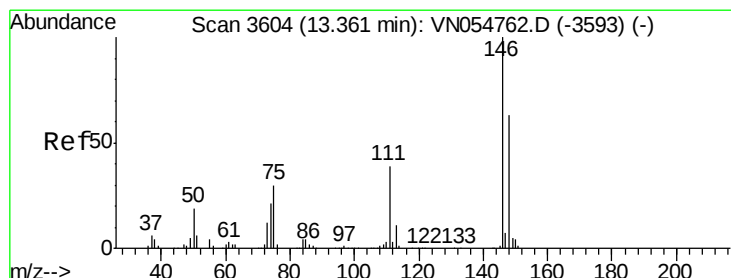
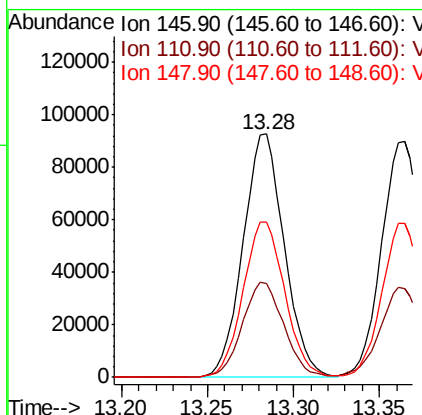
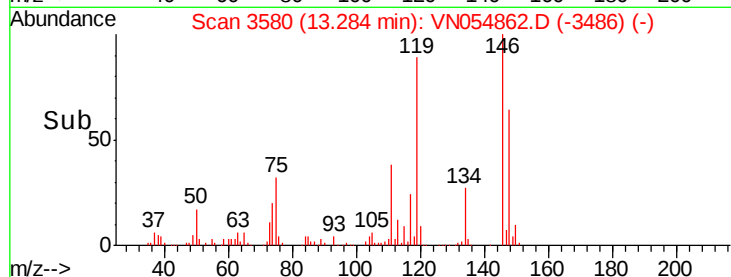
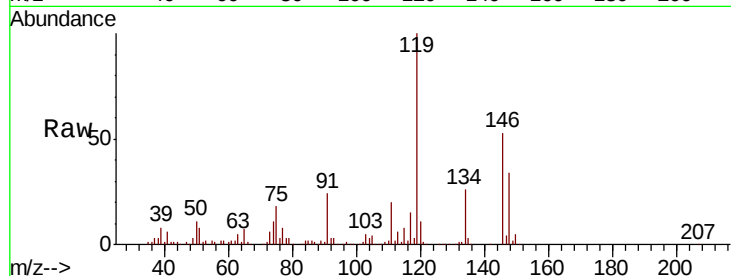




#87
 1,3-Dichlorobenzene
 Concen: 20.353 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN054862.D
 Acq: 31 Mar 2019 20:24

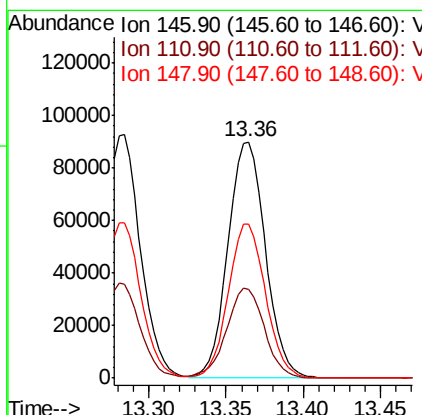
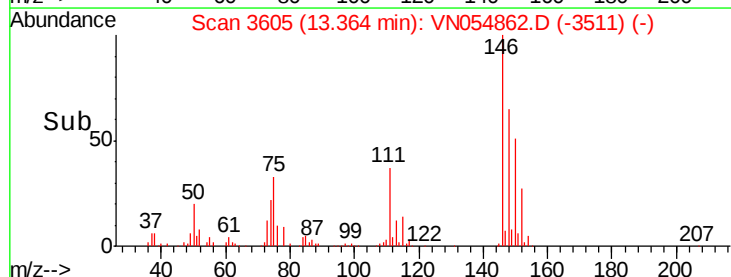
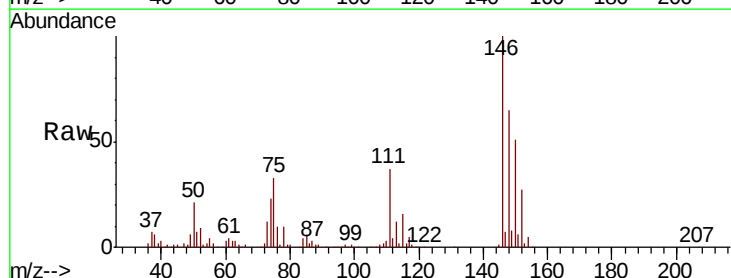
Instrument :
 MSVOA_N
 ClientSampleId :

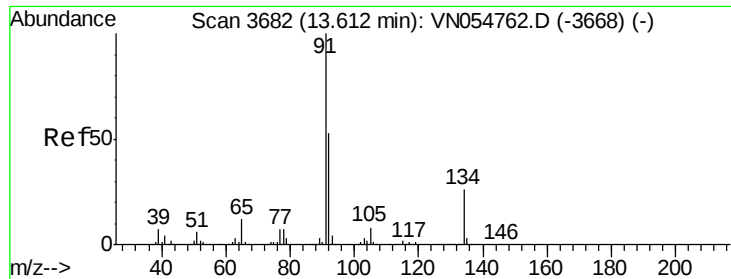
Tot Ion:146 Resp: 154205
 Ion Ratio Lower Upper
 146 100
 111 39.3 18.8 56.3
 148 64.6 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 20.390 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN054862.D
 Acq: 31 Mar 2019 20:24

Tgt Ion:146 Resp: 151516
 Ion Ratio Lower Upper
 146 100
 111 38.6 18.1 54.1
 148 64.7 32.0 96.0





#89

n-Butylbenzene

Concen: 18.867 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

Instrument :

MSVOA_N

ClientSampled :

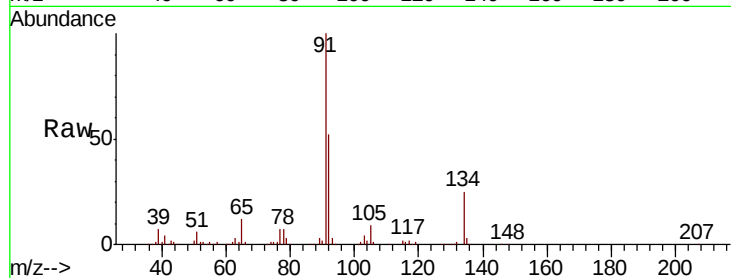
Tot Ion: 91 Resp: 226910

Ion Ratio Lower Upper

91 100

92 51.7 26.2 78.6

134 24.8 14.3 42.9

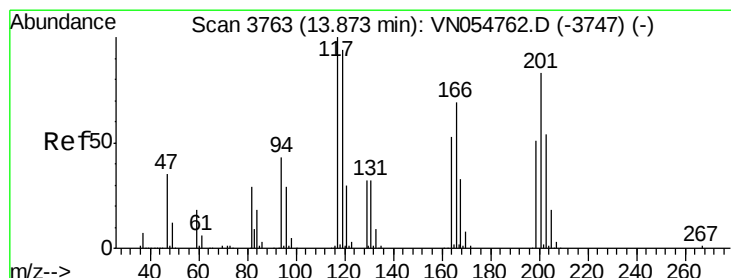
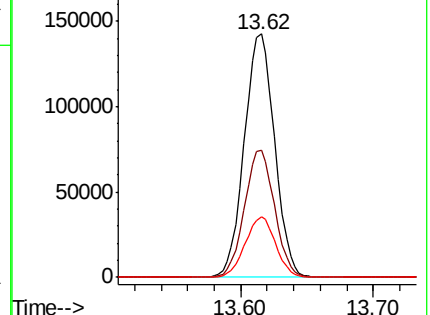
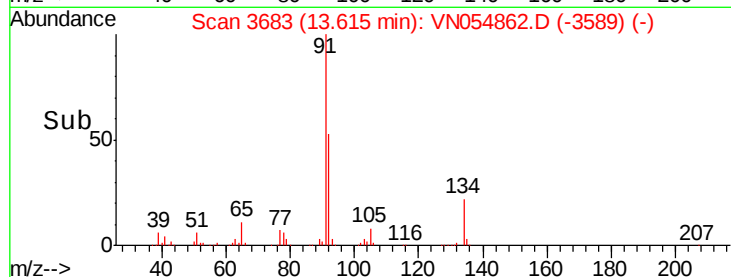


Abundance Ion 91.00 (90.70 to 91.70): VN054862.D (-3682) (-)

Ion 92.00 (91.70 to 92.70): VN054862.D (-3682) (-)

Ion 134.00 (133.70 to 134.70): VN054862.D (-3682) (-)

Time-->



#90

Hexachloroethane

Concen: 20.102 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN054862.D

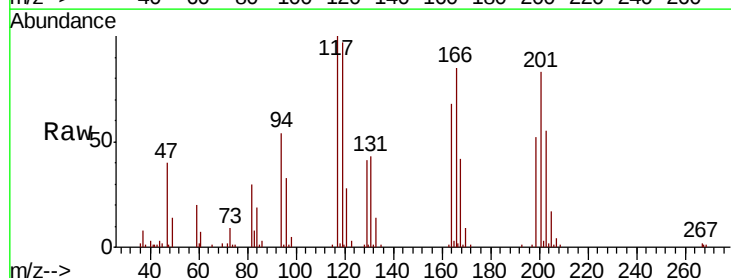
Acq: 31 Mar 2019 20:24

Tgt Ion: 117 Resp: 50309

Ion Ratio Lower Upper

117 100

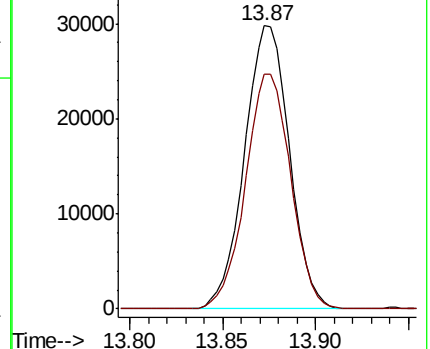
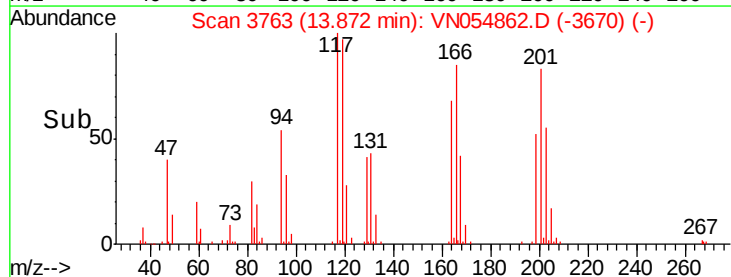
201 83.4 48.1 144.4

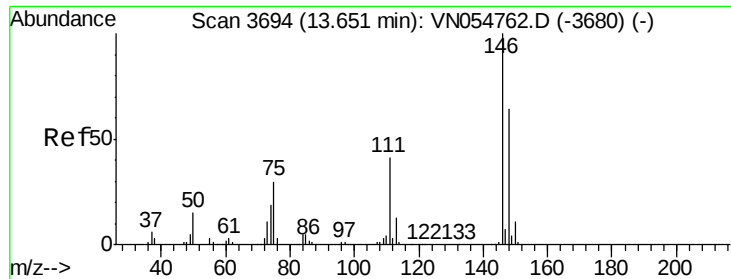


Abundance Ion 116.80 (116.50 to 117.50): VN054862.D (-3763) (-)

Ion 200.70 (200.40 to 201.40): VN054862.D (-3763) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 20.808 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

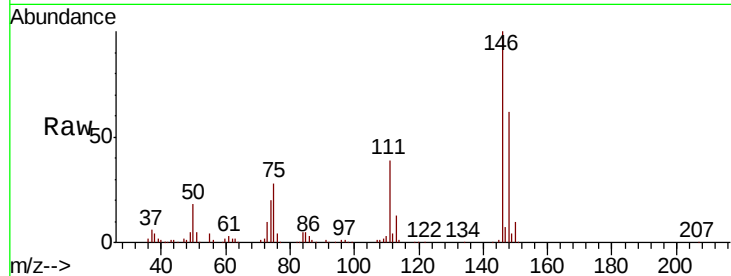
Tot Ion:146 Resp: 159105

Ion Ratio Lower Upper

146 100

111 39.6 19.1 57.3

148 62.2 32.4 97.0

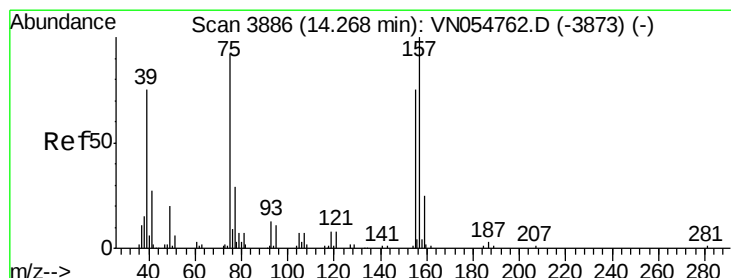
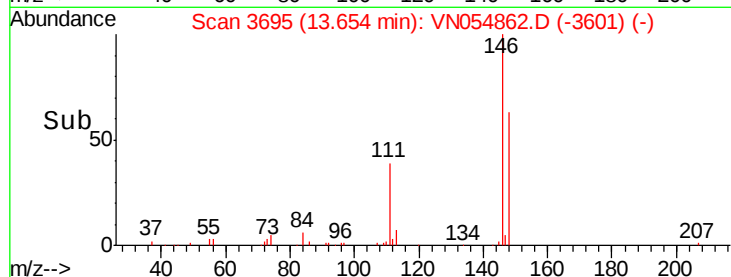
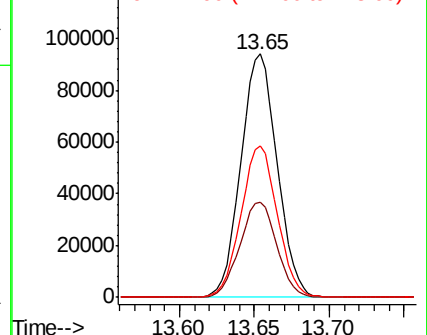


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.632 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

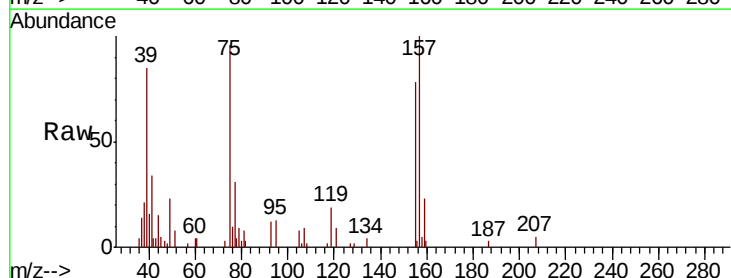
Tgt Ion: 75 Resp: 13866

Ion Ratio Lower Upper

75 100

155 84.4 50.1 150.3

157 107.7 63.1 189.3

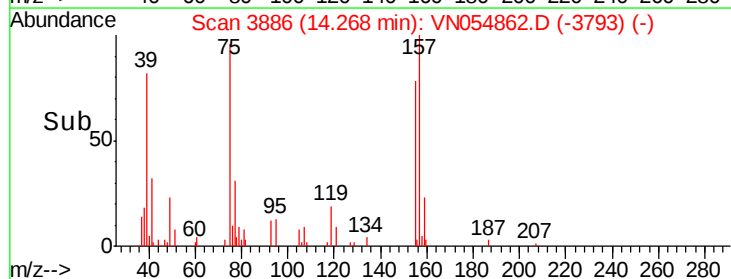
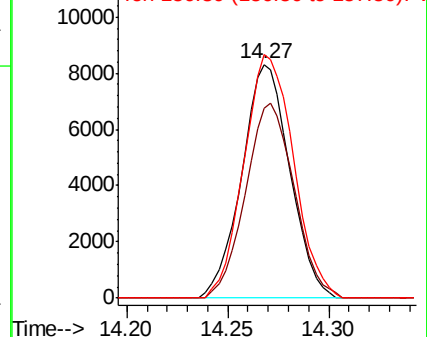


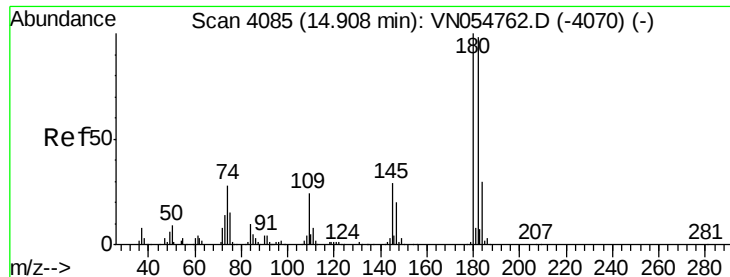
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

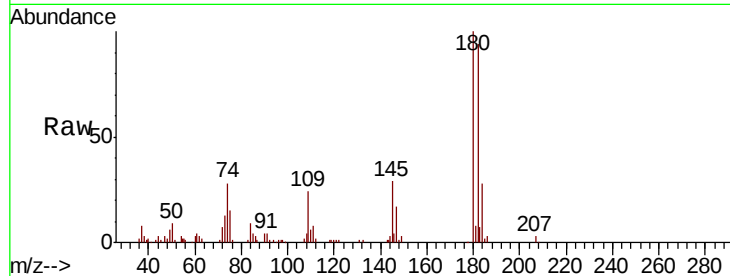




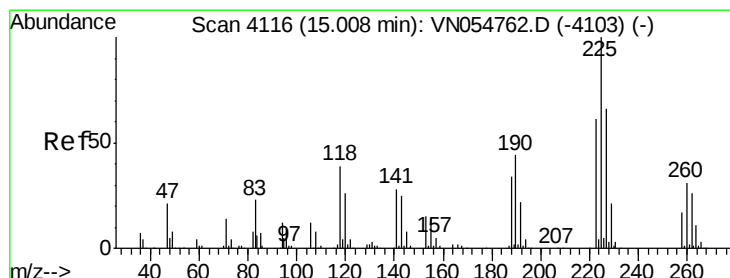
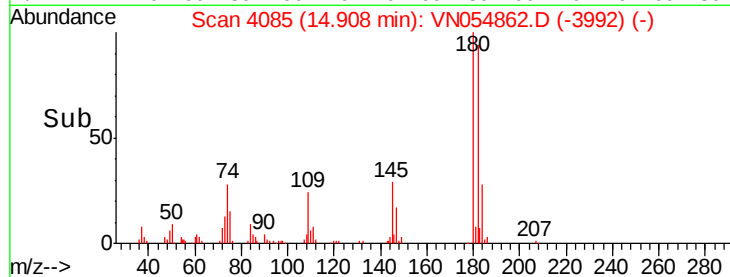
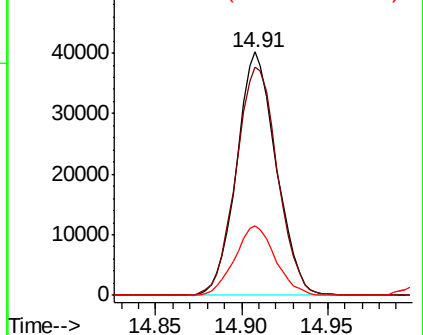
#93
 1,2,4-Trichlorobenzene
 Concen: 17.325 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN054862.D
 Acq: 31 Mar 2019 20:24

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 63866
 Ion Ratio Lower Upper
 180 100
 182 98.4 48.0 144.2
 145 29.1 14.2 42.8

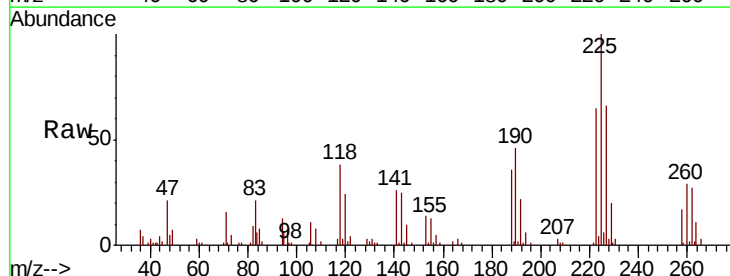


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

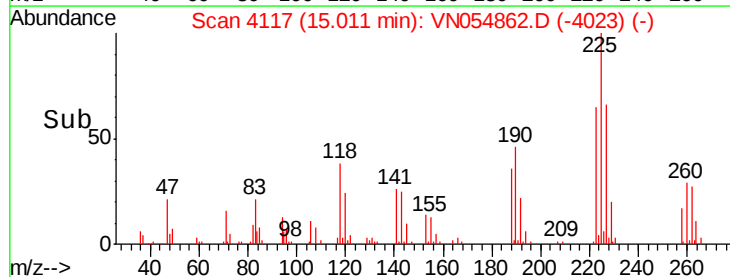
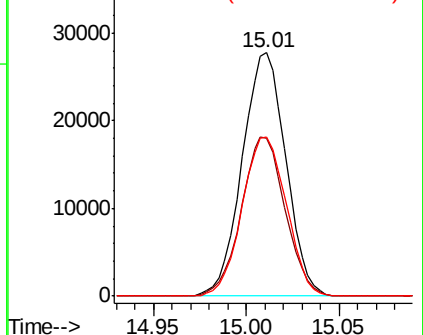


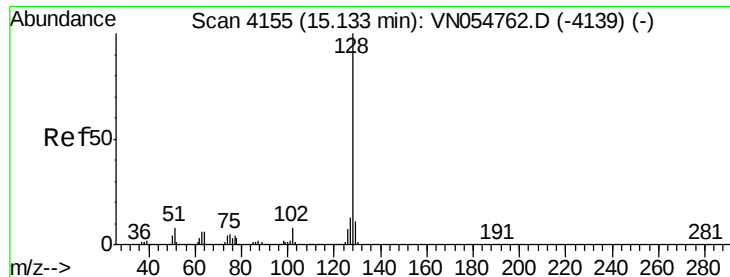
#94
 Hexachlorobutadiene
 Concen: 19.500 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN054862.D
 Acq: 31 Mar 2019 20:24

Tgt Ion:225 Resp: 45372
 Ion Ratio Lower Upper
 225 100
 223 65.6 31.1 93.5
 227 66.2 31.9 95.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 17.897 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

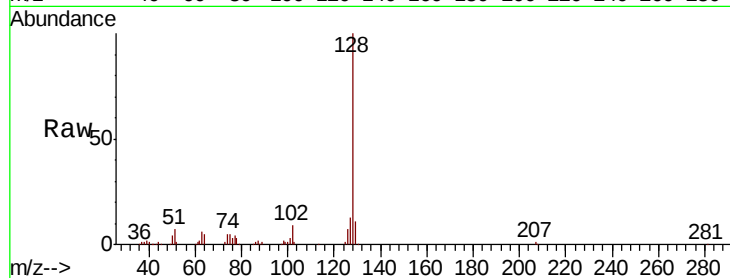
Instrument :

MSVOA_N

ClientSampled :

Tot Ion:128 Resp: 147970

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.1	15.1
129	11.4	8.7	13.1

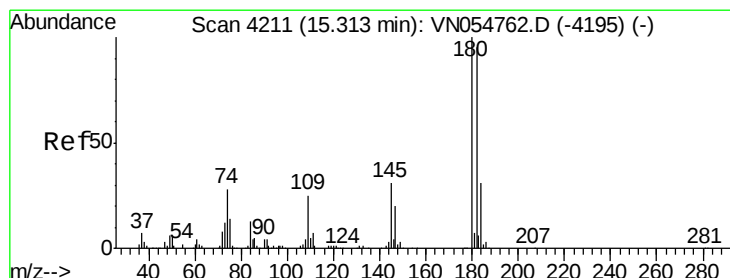
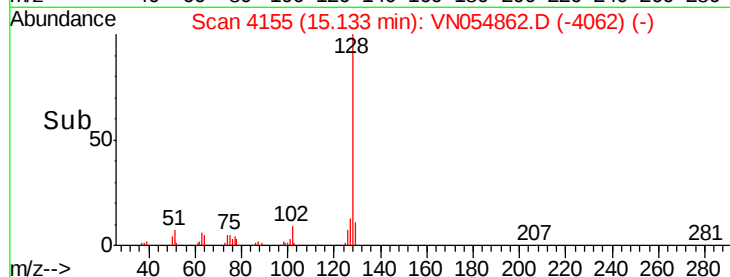
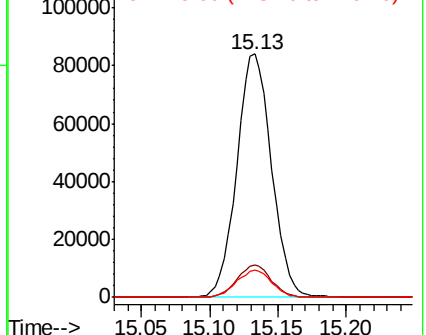


Abundance

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: 18.436 ug/l

RT: 15.31 min Scan# 4211

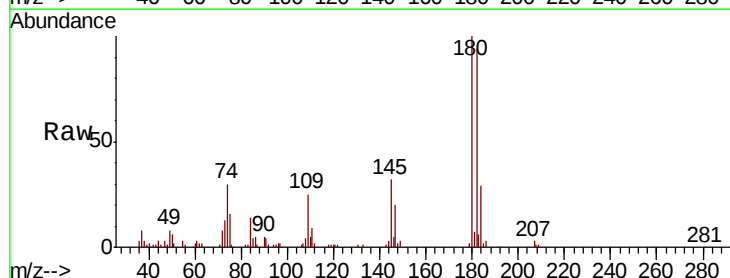
Delta R.T. -0.00 min

Lab File: VN054862.D

Acq: 31 Mar 2019 20:24

Tgt Ion:180 Resp: 68634

Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.5	142.6
145	32.3	14.8	44.3



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

