

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054225.D
 Acq On : 13 Mar 2019 20:56
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 14 05:21:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1367080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2158692	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1936270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	972789	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	768234	52.91	ug/l	0.00
Spiked Amount			Recovery	=	105.82%	
35) Dibromofluoromethane	7.59	113	711761	51.12	ug/l	0.00
Spiked Amount			Recovery	=	102.24%	
50) Toluene-d8	10.09	98	2583630	50.25	ug/l	0.00
Spiked Amount			Recovery	=	100.50%	
62) 4-Bromofluorobenzene	12.40	95	934000	51.91	ug/l	0.00
Spiked Amount			Recovery	=	103.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	676105	52.183	ug/l	98
3) Chloromethane	2.06	50	597584	47.482	ug/l	100
4) Vinyl Chloride	2.19	62	712807	49.553	ug/l	99
5) Bromomethane	2.57	94	362753	36.411	ug/l	97
6) Chloroethane	2.71	64	415117	47.695	ug/l	99
7) Trichlorofluoromethane	3.02	101	932781	48.772	ug/l	99
8) Diethyl Ether	3.41	74	462276	53.041	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	757615	52.863	ug/l	99
10) Methyl Iodide	3.94	142	652589	32.601	ug/l	99
11) Tert butyl alcohol	4.81	59	259056	260.279	ug/l #	83
12) 1,1-Dichloroethene	3.73	96	748090	52.673	ug/l	99
13) Acrolein	3.61	56	216089	229.118	ug/l	99
14) Allyl chloride	4.32	41	922874	50.645	ug/l	99
15) Acrylonitrile	4.99	53	1108690	271.179	ug/l	99
16) Acetone	3.82	43	859862	206.849	ug/l	100
17) Carbon Disulfide	4.04	76	1698194	47.698	ug/l	99
18) Methyl Acetate	4.33	43	490851	58.363	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	1894213	53.807	ug/l	100
20) Methylene Chloride	4.55	84	699999	51.284	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	719442	52.870	ug/l	99
22) Diisopropyl ether	5.96	45	1943210	53.431	ug/l	98
23) Vinyl Acetate	5.90	43	7294071	272.018	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1220892	52.283	ug/l	99
25) 2-Butanone	6.85	43	1287369	263.859	ug/l	100
26) 2,2-Dichloropropane	6.82	77	922548	44.925	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	823254	54.229	ug/l	98
28) Bromochloromethane	7.19	49	506916	53.100	ug/l	96
29) Tetrahydrofuran	7.22	42	855183	272.611	ug/l	100
30) Chloroform	7.37	83	1304779	53.547	ug/l	100
31) Cyclohexane	7.65	56	1111269	50.924	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1153269	52.405	ug/l	99
36) 1,1-Dichloropropene	7.79	75	989082	49.753	ug/l	99
37) Ethyl Acetate	6.94	43	587345	51.419	ug/l	99
38) Carbon Tetrachloride	7.77	117	1006162	48.263	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054225.D
 Acq On : 13 Mar 2019 20:56
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 14 05:21:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1191244	48.703	ug/l	99
40) Benzene	8.04	78	2890915	50.818	ug/l	99
41) Methacrylonitrile	7.18	41	318118	48.776	ug/l	96
42) 1,2-Dichloroethane	8.12	62	968633	50.433	ug/l	100
43) Isopropyl Acetate	8.17	43	1019447	50.845	ug/l	99
44) Trichloroethene	8.84	130	887947	50.246	ug/l	98
45) 1,2-Dichloropropane	9.12	63	728737	51.589	ug/l	98
46) Dibromomethane	9.21	93	483695	50.679	ug/l	100
47) Bromodichloromethane	9.40	83	979655	51.201	ug/l	98
48) Methyl methacrylate	9.20	41	541708	53.239	ug/l	100
49) 1,4-Dioxane	9.20	88	153642	1067.522	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	2868620	270.356	ug/l	100
52) Toluene	10.16	92	1833571	50.833	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	981273	45.044	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1119178	50.195	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	677647	51.451	ug/l	99
56) Ethyl methacrylate	10.43	69	847693	53.978	ug/l	99
57) 1,3-Dichloropropane	10.71	76	1110978	51.587	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1616591	238.128	ug/l	100
59) 2-Hexanone	10.75	43	1844862	261.304	ug/l	100
60) Dibromochloromethane	10.90	129	755719	50.978	ug/l	100
61) 1,2-Dibromoethane	11.01	107	703282	52.545	ug/l	99
64) Tetrachloroethene	10.63	164	863989	46.151	ug/l	99
65) Chlorobenzene	11.43	112	2153335	50.648	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	774766	50.164	ug/l	99
67) Ethyl Benzene	11.51	91	3525292	50.021	ug/l	100
68) m/p-Xylenes	11.62	106	2778809	100.881	ug/l	99
69) o-Xylene	11.95	106	1359572	50.632	ug/l	98
70) Styrene	11.96	104	2169408	51.514	ug/l	99
71) Bromoform	12.13	173	515597	44.085	ug/l	100
73) Isopropylbenzene	12.25	105	3560374	45.746	ug/l	100
74) N-amyl acetate	12.07	43	856610	49.585	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	805833	48.597	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	972172	67.959	ug/l #	100
77) Bromobenzene	12.53	156	994937	48.310	ug/l	97
78) n-propylbenzene	12.59	91	3966934	46.974	ug/l	99
79) 2-Chlorotoluene	12.68	91	2353092	46.342	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	2978695	46.012	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	177293	42.367	ug/l	95
82) 4-Chlorotoluene	12.77	91	2407327	47.479	ug/l	99
83) tert-Butylbenzene	12.99	119	2723330	45.703	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	3029308	47.698	ug/l	100
85) sec-Butylbenzene	13.17	105	3538921	45.796	ug/l	100
86) p-Isopropyltoluene	13.29	119	3145274	46.394	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1690832	48.723	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1665761	48.862	ug/l	100
89) n-Butylbenzene	13.62	91	2521403	48.949	ug/l	100
90) Hexachloroethane	13.88	117	498319	44.391	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1664770	49.072	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	123158	47.997	ug/l	98

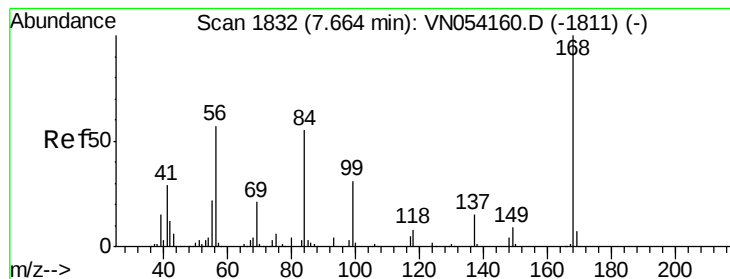
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
Data File : VN054225.D
Acq On : 13 Mar 2019 20:56
Operator : JC/SP
Sample : VSTDCCC050EC
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Mar 14 05:21:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	948537	46.497	ug/l	100
94) Hexachlorobutadiene	15.01	225	562269	43.512	ug/l	100
95) Naphthalene	15.13	128	1976277	46.574	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	943670	52.353	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: VN054225.D

Acq: 13 Mar 2019 20:56

Instrument :

MSVOA_N

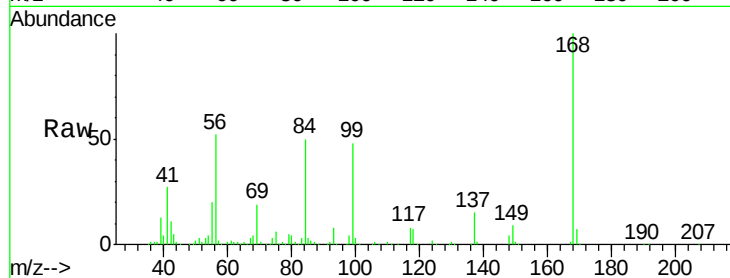
ClientSampleId :

Tot Ion:168 Resp: 1367080

Ion Ratio Lower Upper

168 100

99 46.2 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNC

7.67

600000

500000

400000

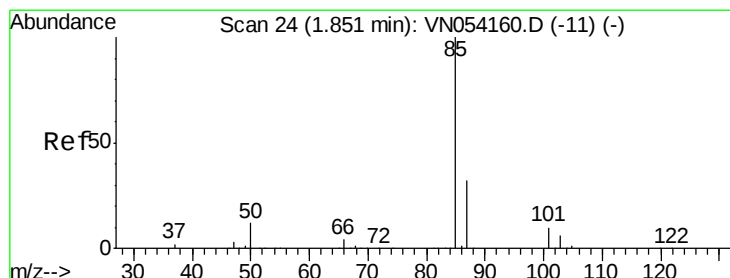
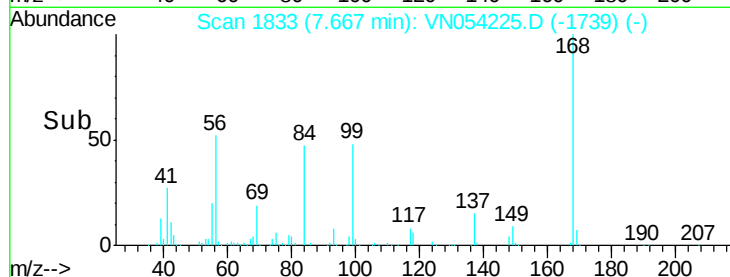
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.183 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN054225.D

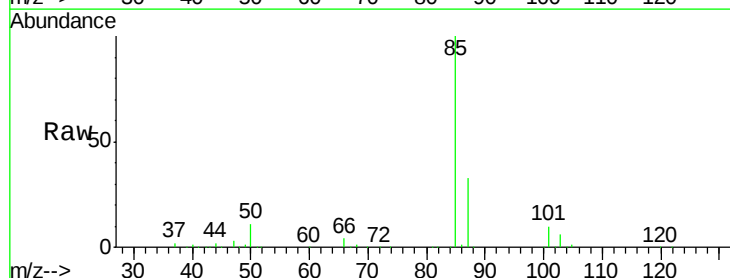
Acq: 13 Mar 2019 20:56

Tgt Ion: 85 Resp: 676105

Ion Ratio Lower Upper

85 100

87 32.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNC

Ion 86.90 (86.60 to 87.60): VNC

1.85

500000

400000

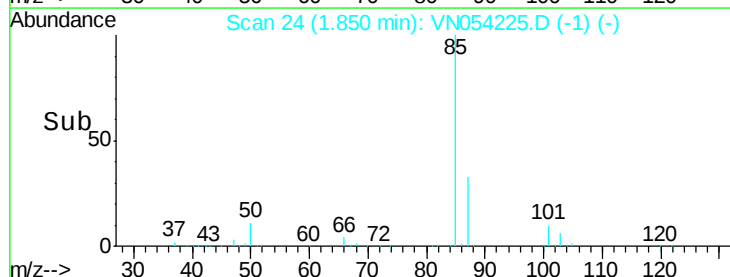
300000

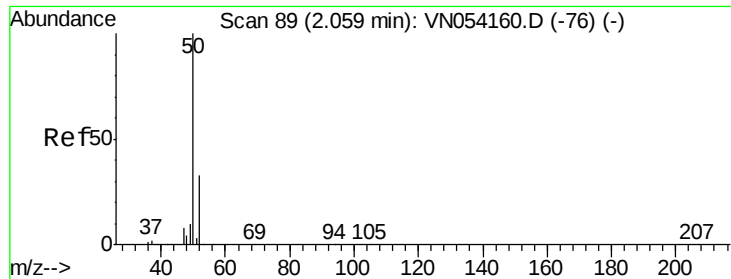
200000

100000

0

Time-->





#3

Chloromethane

Concen: 47.482 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN054225.D

Acq: 13 Mar 2019 20:56

Instrument :

MSVOA_N

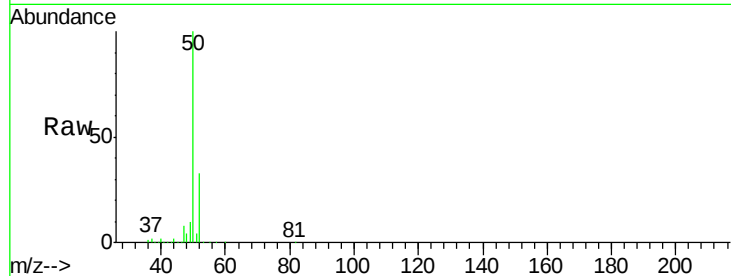
ClientSampleId :

Tot Ion: 50 Resp: 597584

Ion Ratio Lower Upper

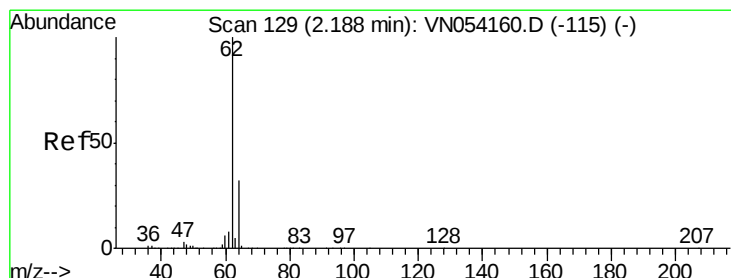
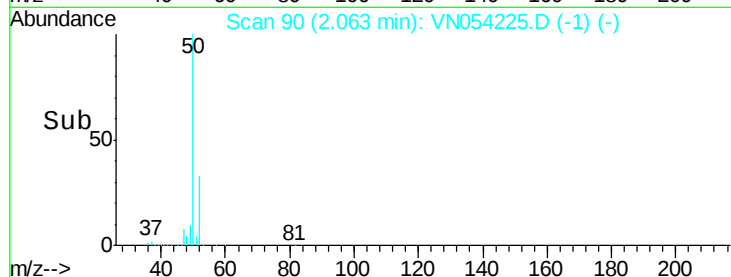
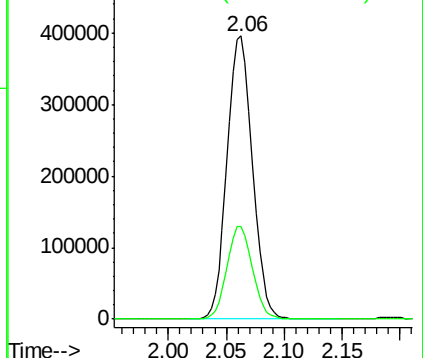
50 100

52 32.8 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 49.553 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN054225.D

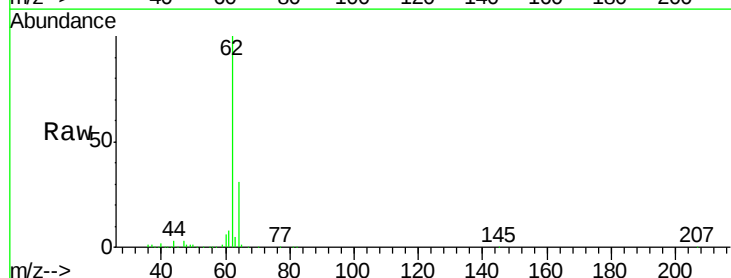
Acq: 13 Mar 2019 20:56

Tgt Ion: 62 Resp: 712807

Ion Ratio Lower Upper

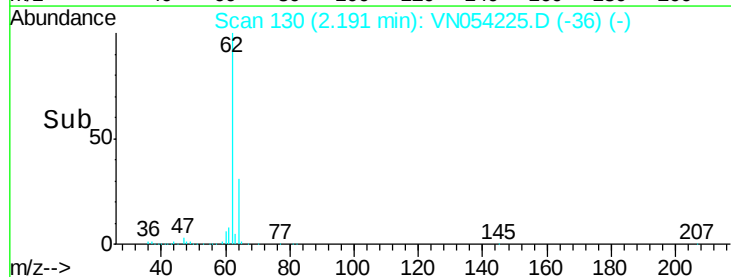
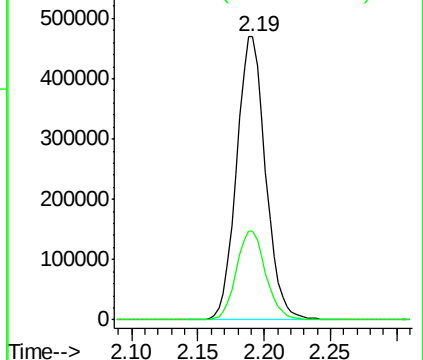
62 100

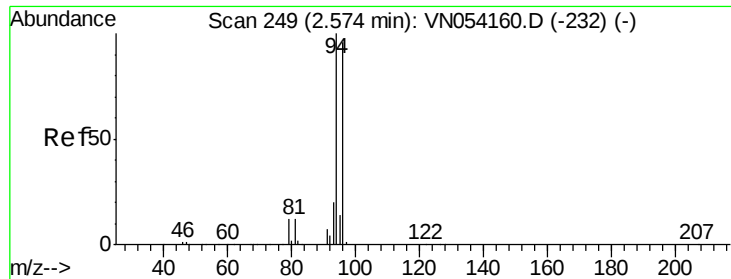
64 31.1 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 36.411 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN054225.D

Acq: 13 Mar 2019 20:56

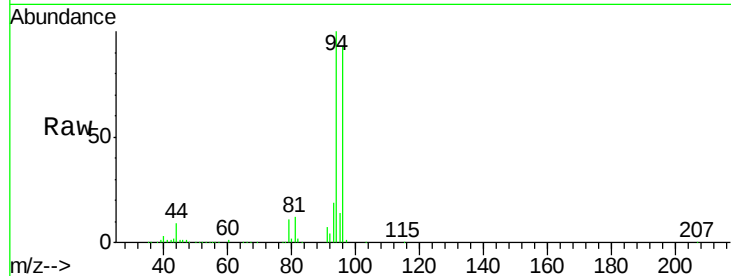
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 94 Resp: 362753

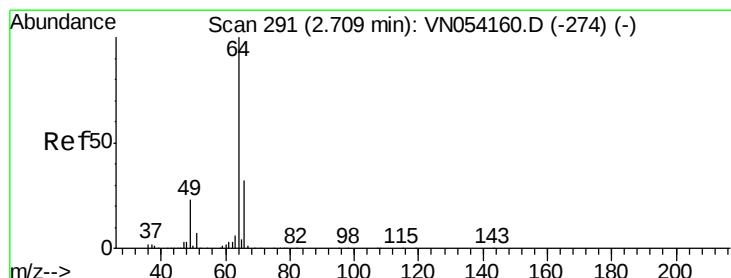
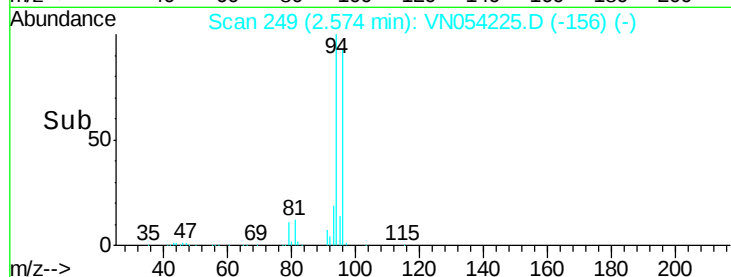
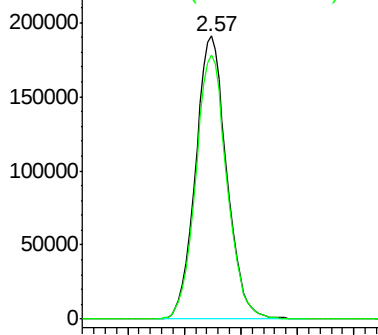
Ion Ratio Lower Upper

94 100

96 93.4 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: 47.695 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN054225.D

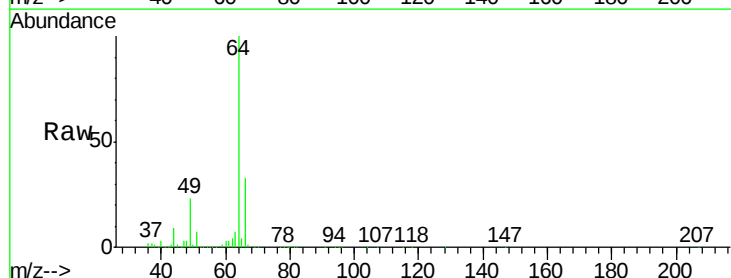
Acq: 13 Mar 2019 20:56

Tgt Ion: 64 Resp: 415117

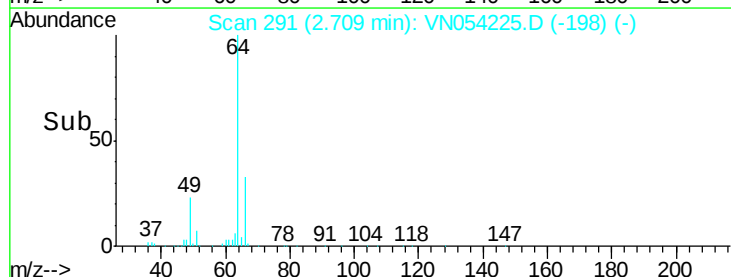
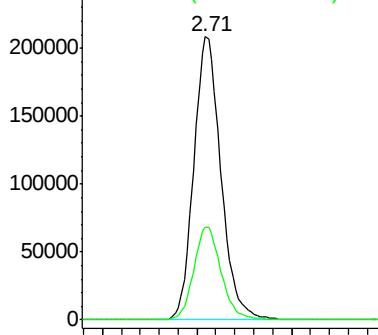
Ion Ratio Lower Upper

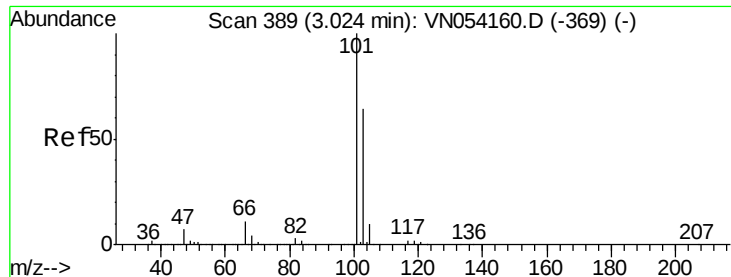
64 100

66 32.9 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0
Ion 65.90 (65.60 to 66.60): VN0



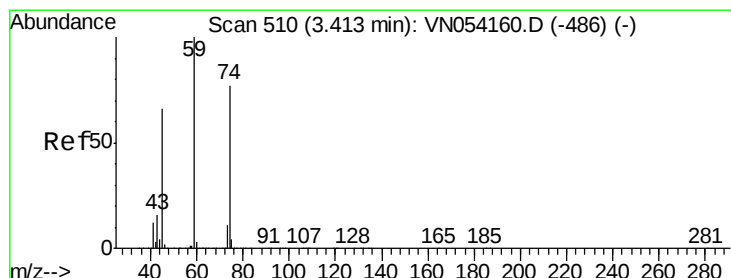
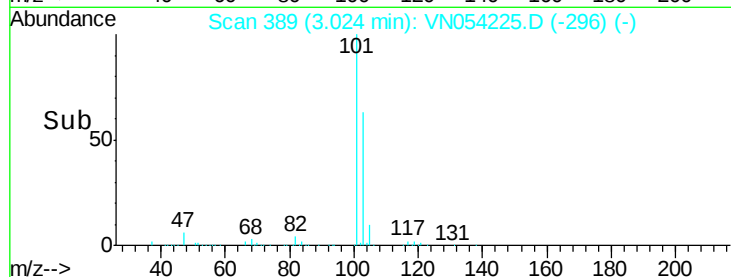
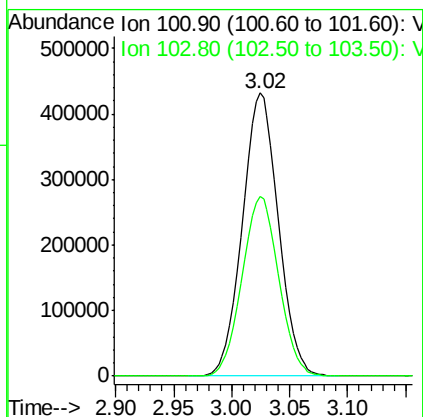
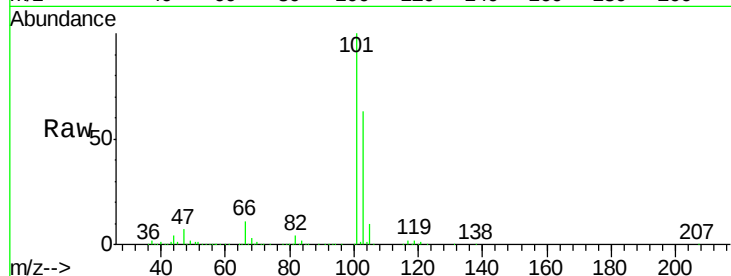


#7

Trichlorofluoromethane
Concen: 48.772 ug/l
RT: 3.02 min Scan# 389
Delta R.T. 0.00 min
Lab File: VN054225.D
Acq: 13 Mar 2019 20:56

Instrument :
MSVOA_N
ClientSampleId :

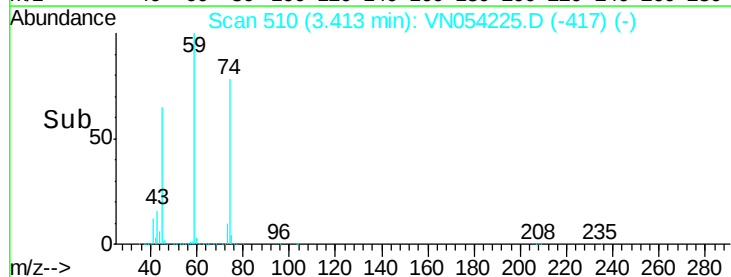
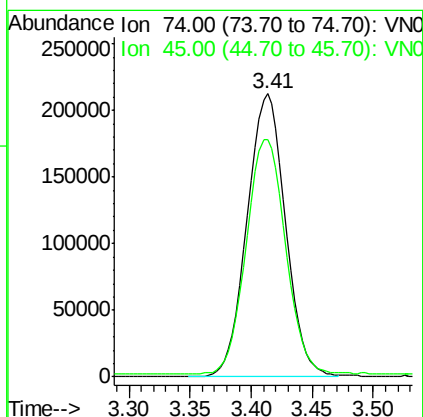
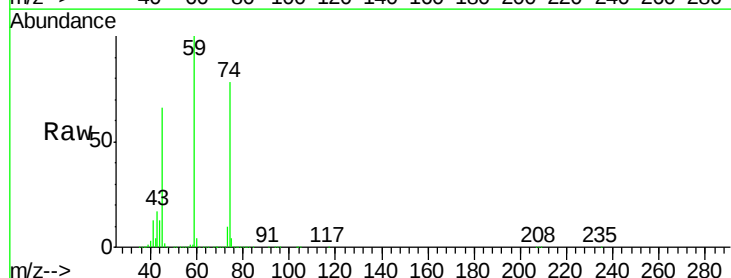
Tot Ion:101 Resp: 932781
Ion Ratio Lower Upper
101 100
103 63.5 51.4 77.2

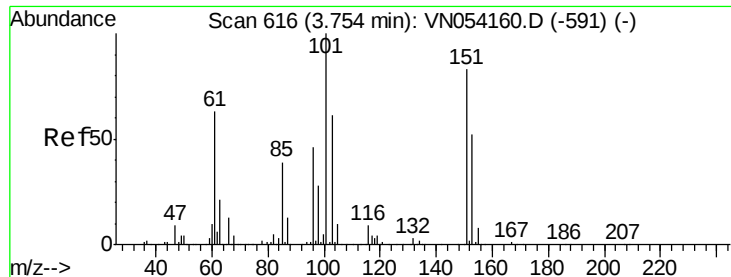


#8

Diethyl Ether
Concen: 53.041 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN054225.D
Acq: 13 Mar 2019 20:56

Tgt Ion: 74 Resp: 462276
Ion Ratio Lower Upper
74 100
45 84.6 43.1 129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.863 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN054225.D

Acq: 13 Mar 2019 20:56

Instrument :

MSVOA_N

ClientSampleId :

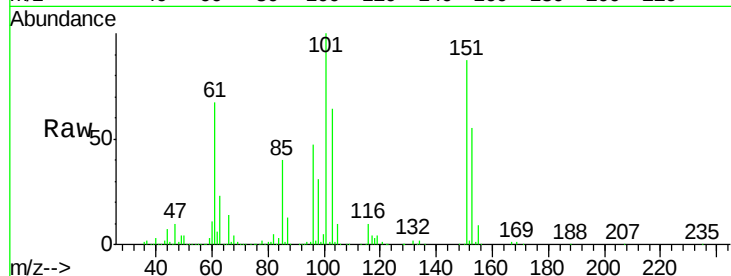
Tot Ion:101 Resp: 757615

Ion Ratio Lower Upper

101 100

85 40.3 32.4 48.6

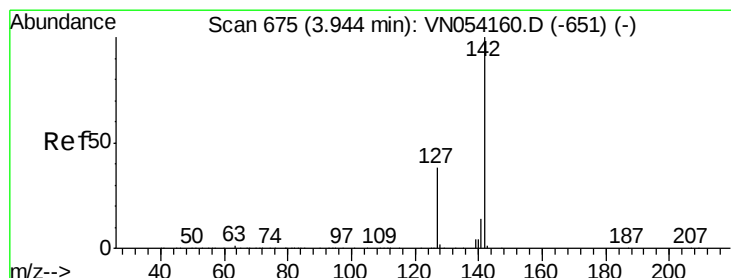
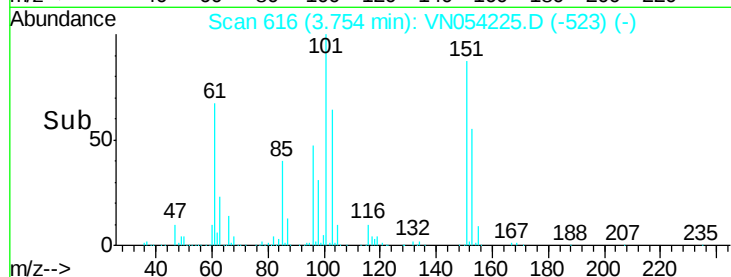
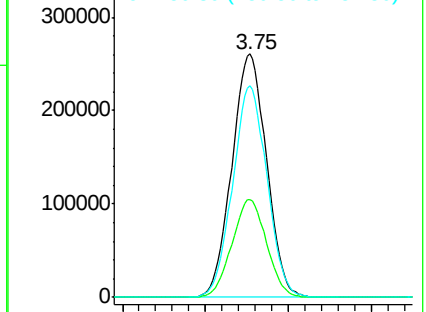
151 86.2 68.2 102.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 32.601 ug/l

RT: 3.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN054225.D

Acq: 13 Mar 2019 20:56

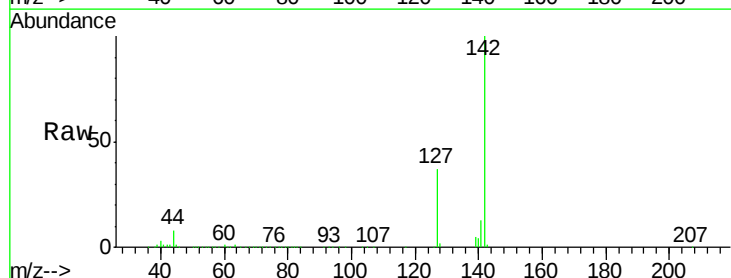
Tgt Ion:142 Resp: 652589

Ion Ratio Lower Upper

142 100

127 37.1 30.3 45.5

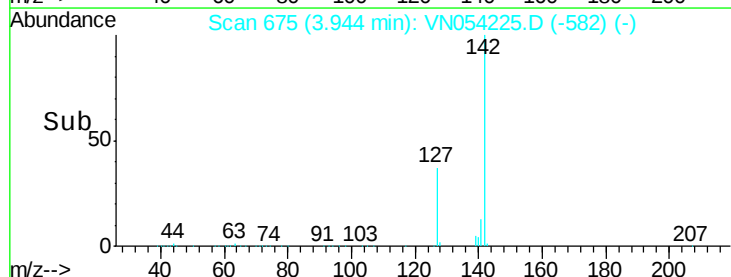
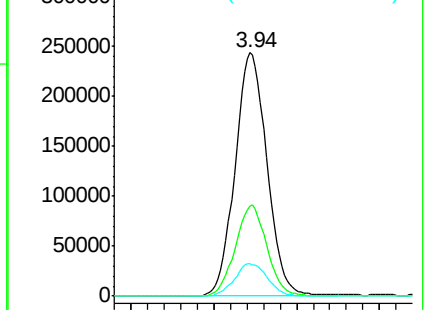
141 13.9 11.2 16.8

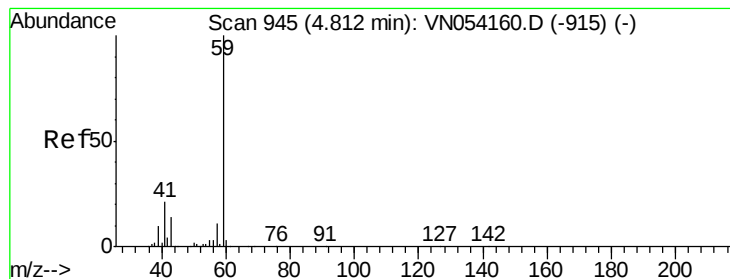


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



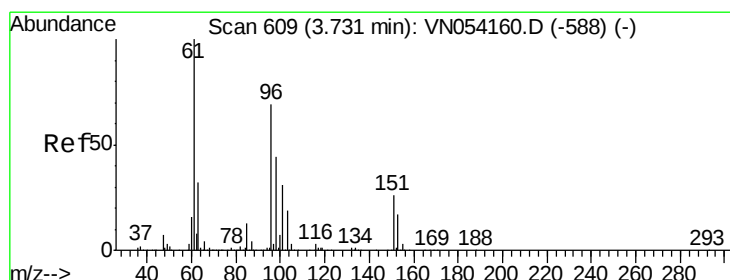
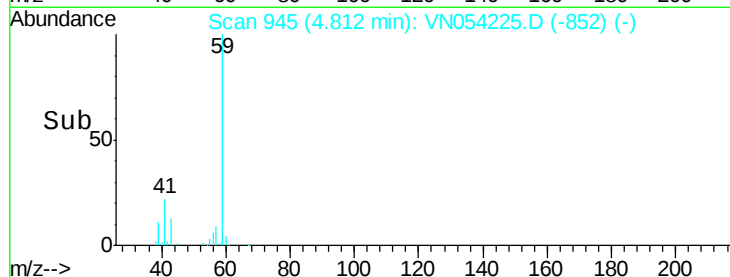
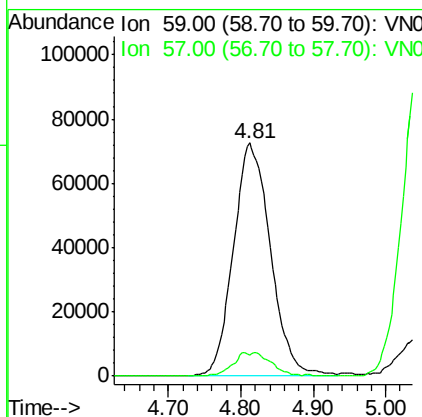
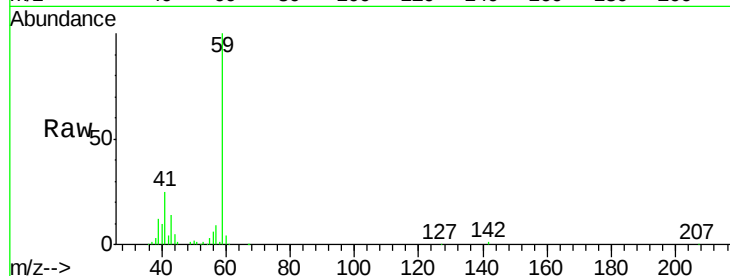


#11

Tert butyl alcohol
 Concen: 260.279 ug/l
 RT: 4.81 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: VN054225.D
 Acq: 13 Mar 2019 20:56

Instrument :
 MSVOA_N
 ClientSampleId :

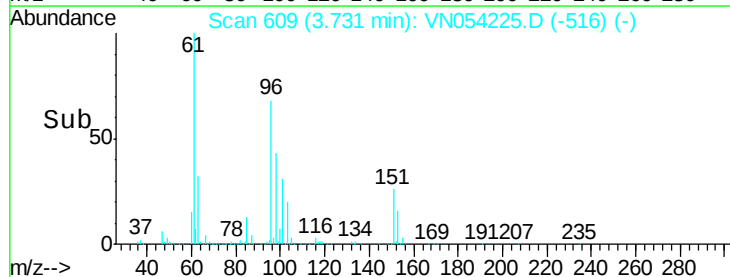
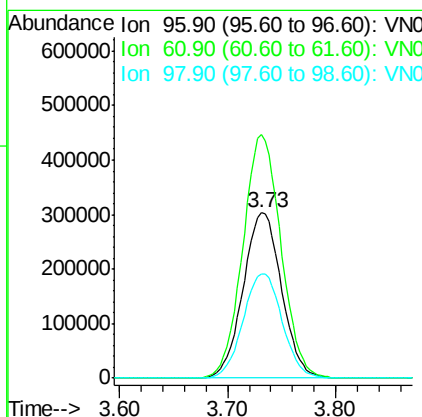
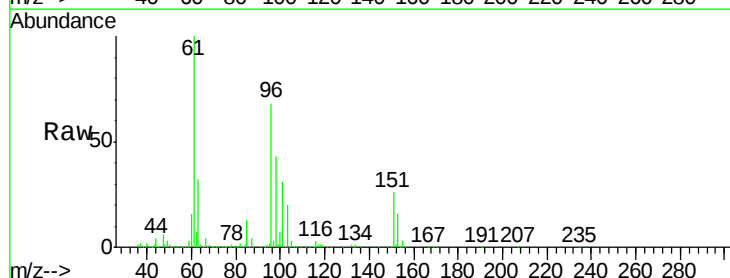
Tot Ion: 59 Resp: 259056
 Ion Ratio Lower Upper
 59 100
 57 4.7 9.0 13.6#

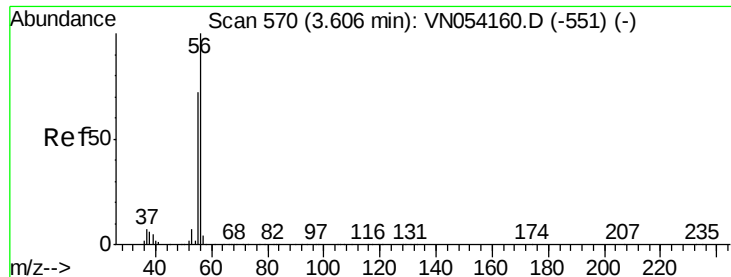


#12

1,1-Dichloroethene
 Concen: 52.673 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN054225.D
 Acq: 13 Mar 2019 20:56

Tgt Ion: 96 Resp: 748090
 Ion Ratio Lower Upper
 96 100
 61 147.6 116.5 174.7
 98 63.5 51.0 76.4





#13

Acrolein

Concen: 229.118 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

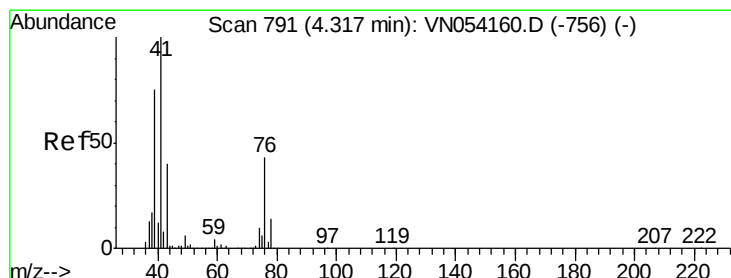
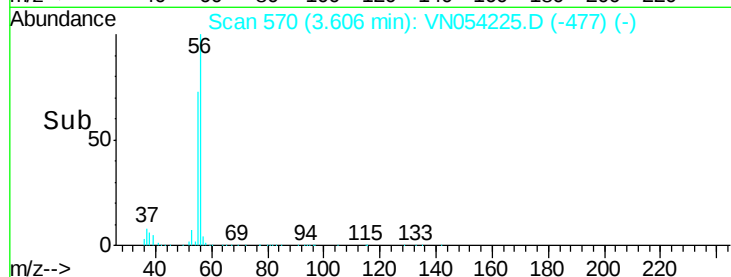
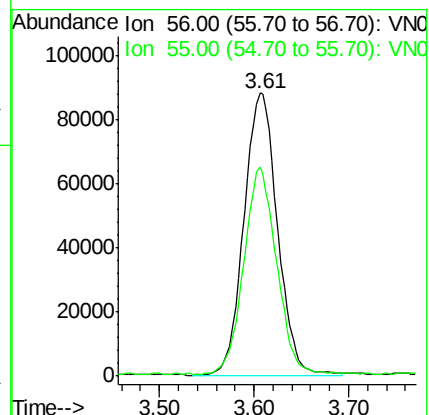
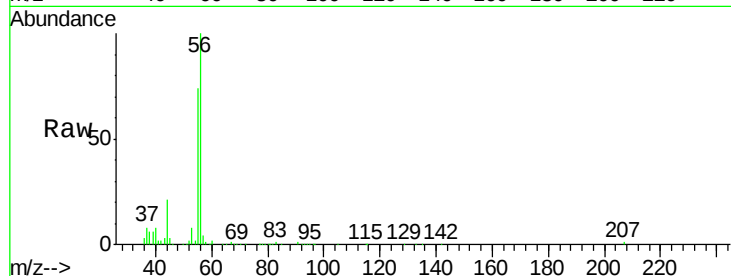
Lab File: VN054225.D

Acq: 13 Mar 2019 20:56

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 216089

Ion	Ratio	Lower	Upper
56	100		
55	71.6	56.7	85.1



#14

Allyl chloride

Concen: 50.645 ug/l

RT: 4.32 min Scan# 791

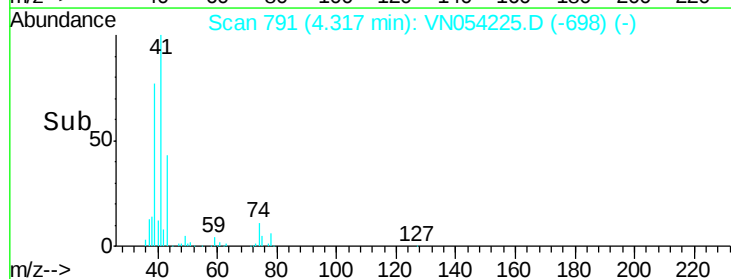
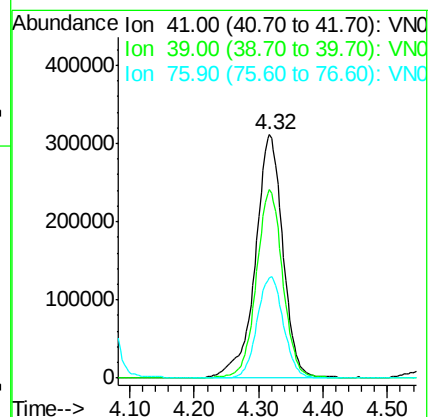
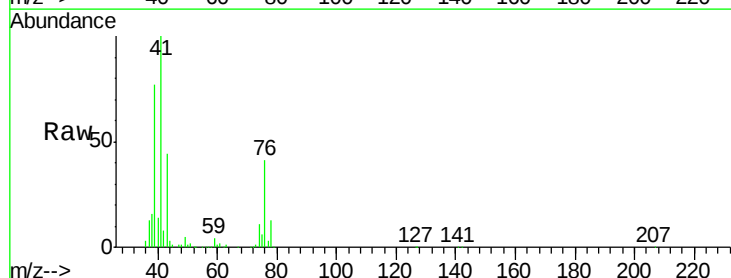
Delta R.T. 0.00 min

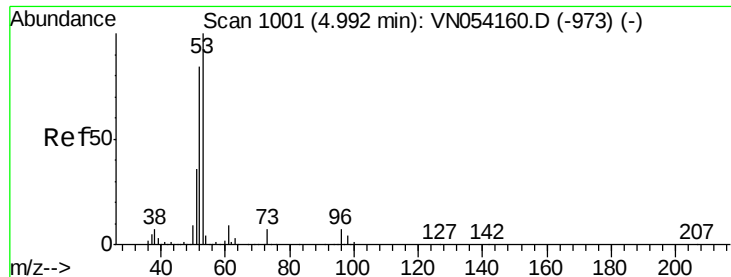
Lab File: VN054225.D

Acq: 13 Mar 2019 20:56

Tgt Ion: 41 Resp: 922874

Ion	Ratio	Lower	Upper
41	100		
39	74.1	58.2	87.4
76	39.6	31.7	47.5





#15

Acrylonitrile

Concen: 271.179 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN054225.D

Acq: 13 Mar 2019 20:56

Instrument :

MSVOA_N

ClientSampled :

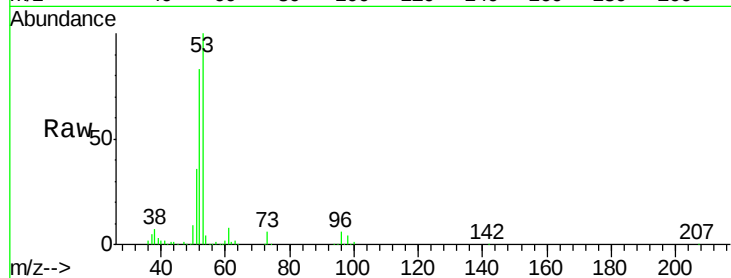
Tot Ion: 53 Resp: 1108690

Ion Ratio Lower Upper

53 100

52 82.6 66.4 99.6

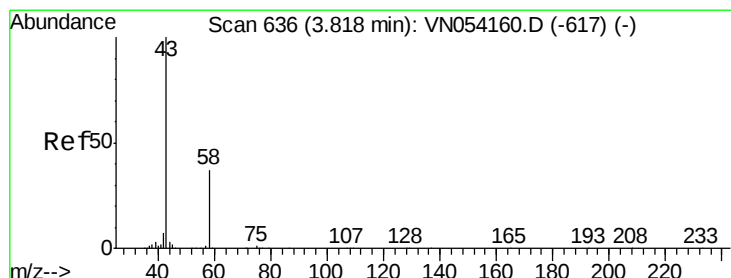
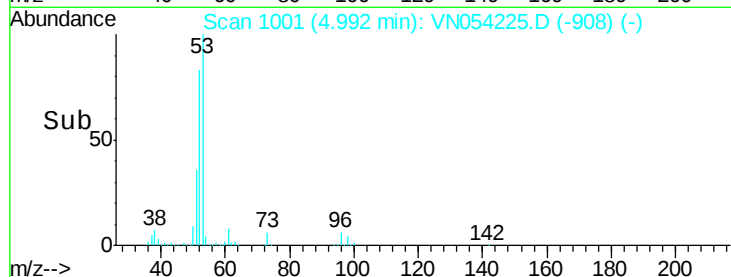
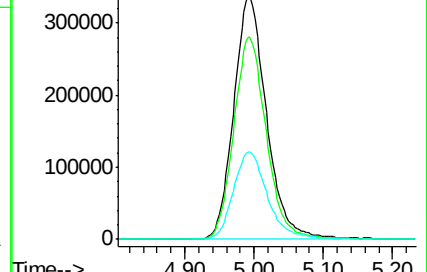
51 37.5 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VN054160.D (-973) (-)

Ion 52.00 (51.70 to 52.70): VN054160.D (-973) (-)

Ion 51.00 (50.70 to 51.70): VN054160.D (-973) (-)



#16

Acetone

Concen: 206.849 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054225.D

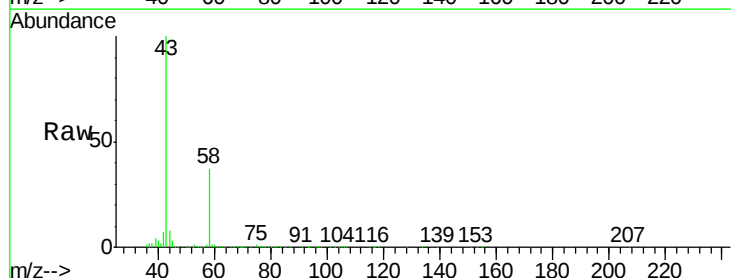
Acq: 13 Mar 2019 20:56

Tgt Ion: 43 Resp: 859862

Ion Ratio Lower Upper

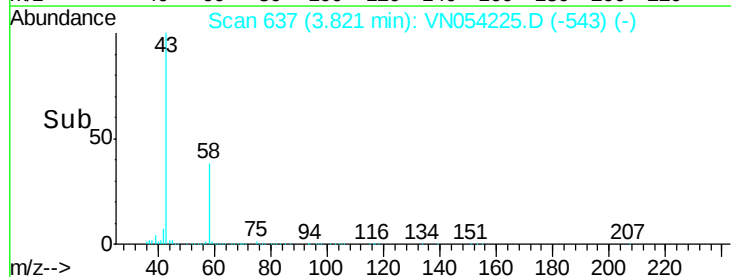
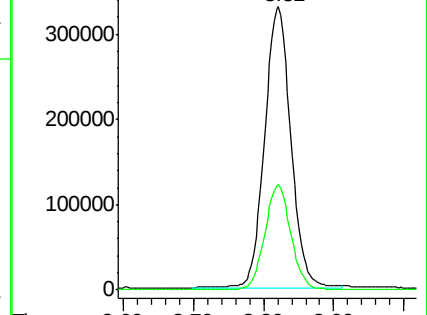
43 100

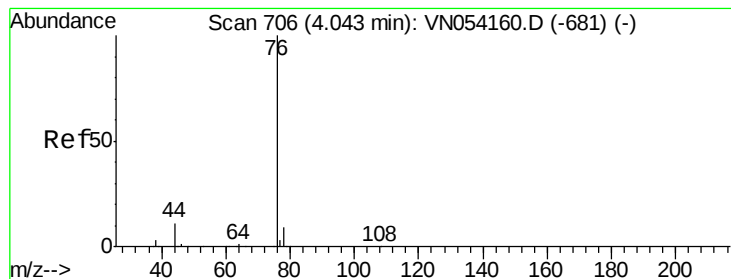
58 37.5 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN054160.D (-617) (-)

Ion 58.00 (57.70 to 58.70): VN054160.D (-617) (-)





#17

Carbon Disulfide

Concen: 47.698 ug/l

RT: 4.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN054225.D

Acq: 13 Mar 2019 20:56

Instrument :

MSVOA_N

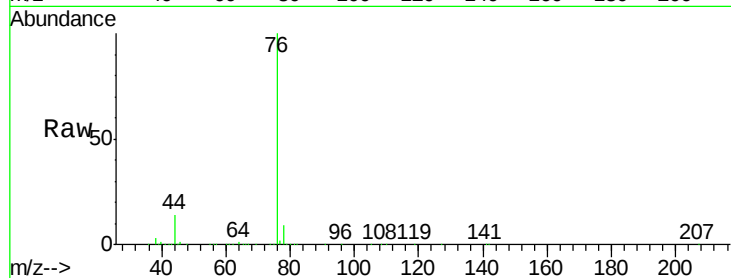
ClientSampled :

Tot Ion: 76 Resp: 1698194

Ion Ratio Lower Upper

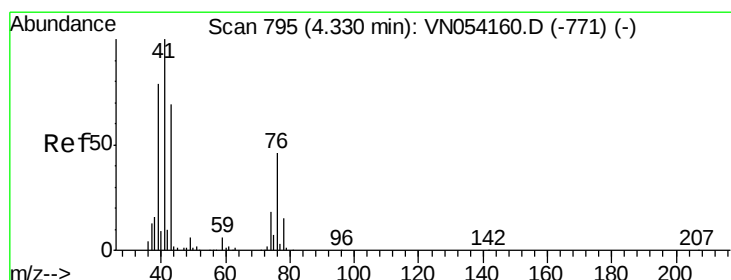
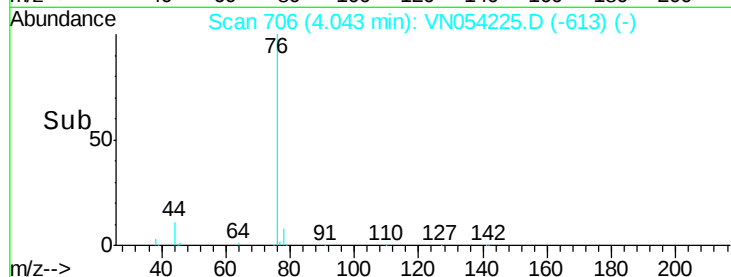
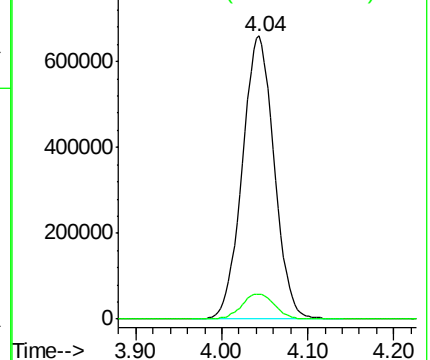
76 100

78 8.9 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC



#18

Methyl Acetate

Concen: 58.363 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN054225.D

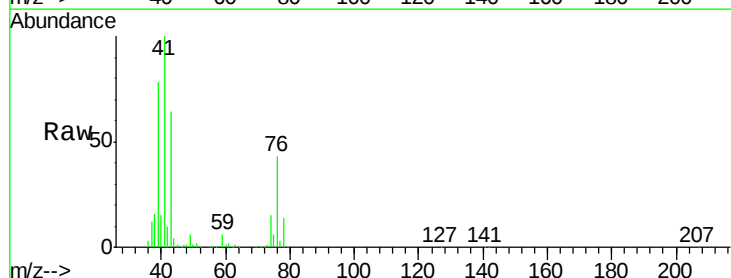
Acq: 13 Mar 2019 20:56

Tgt Ion: 43 Resp: 490851

Ion Ratio Lower Upper

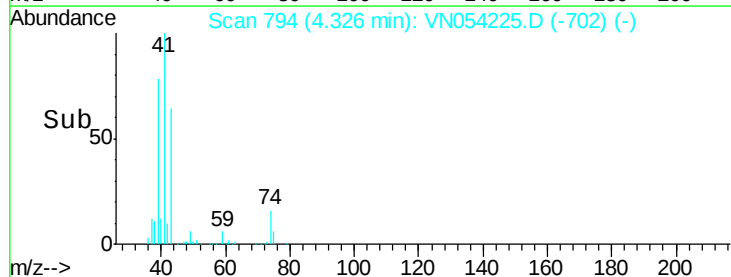
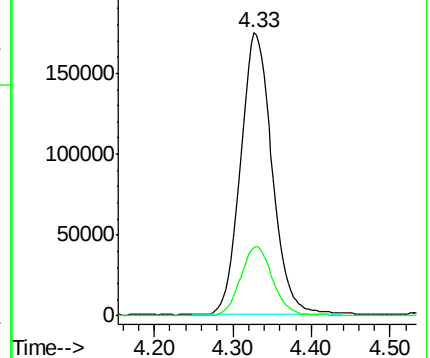
43 100

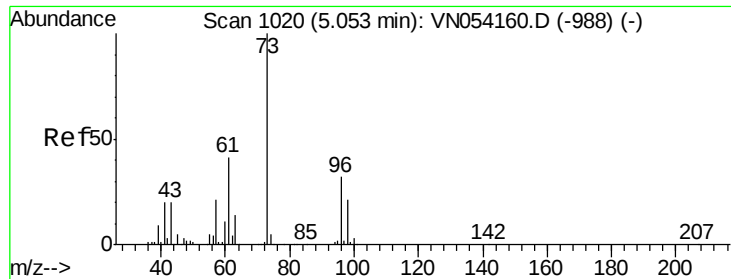
74 25.1 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC

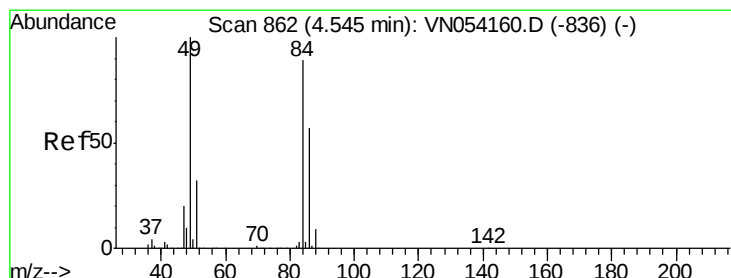
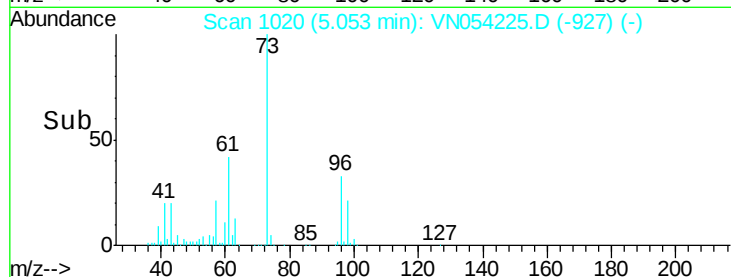
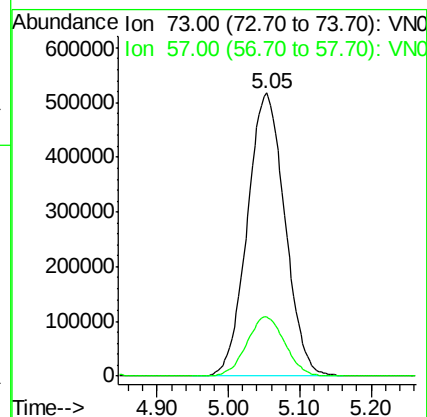
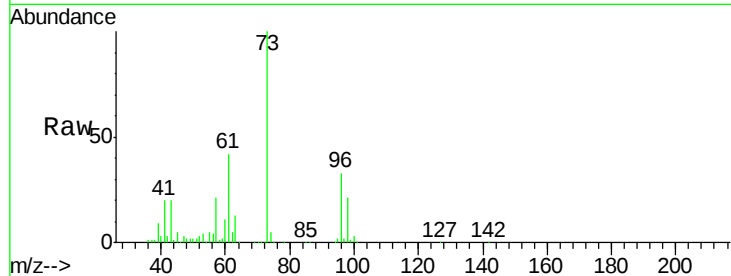




#19
Methyl tert-butyl Ether
Concen: 53.807 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VN054225.D
Acq: 13 Mar 2019 20:56

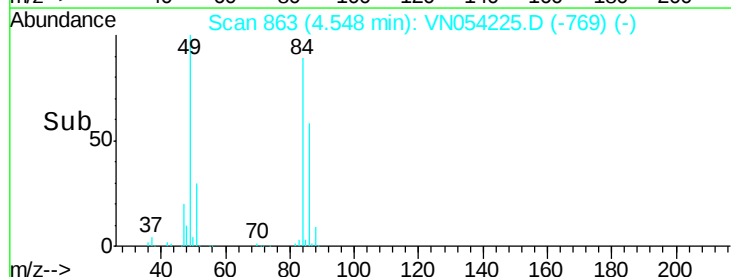
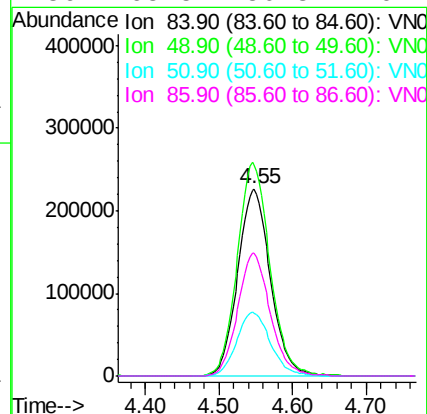
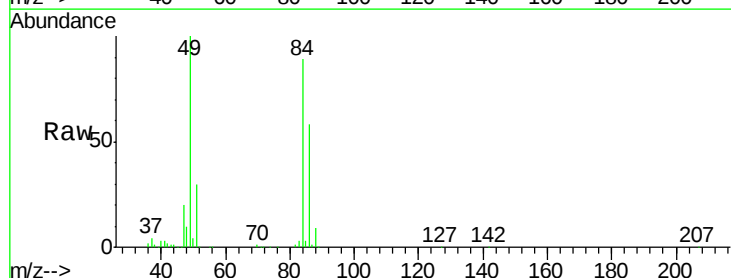
Instrument :
MSVOA_N
ClientSampleId :

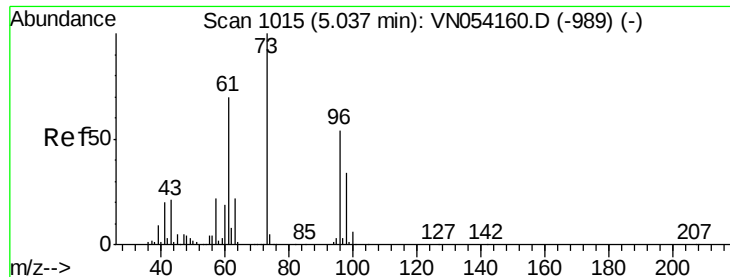
Tot Ion: 73 Resp: 1894213
Ion Ratio Lower Upper
73 100
57 21.0 16.8 25.2



#20
Methylene Chloride
Concen: 51.284 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054225.D
Acq: 13 Mar 2019 20:56

Tgt Ion: 84 Resp: 699999
Ion Ratio Lower Upper
84 100
49 113.0 89.7 134.5
51 33.7 28.2 42.4
86 65.5 50.8 76.2

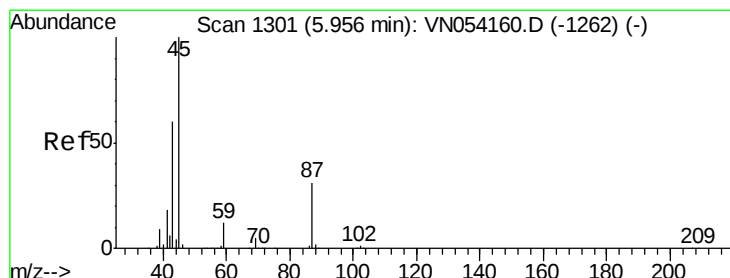
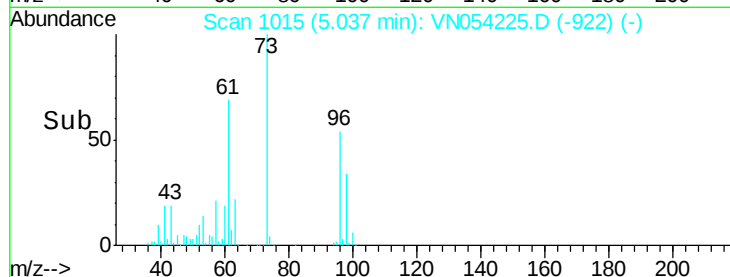
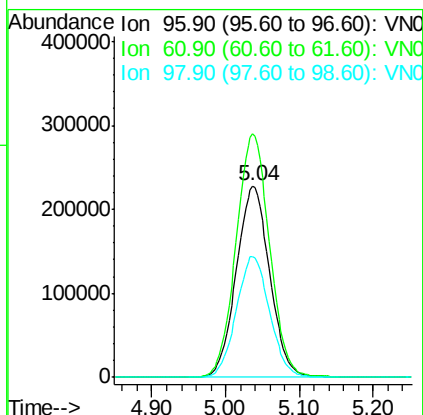
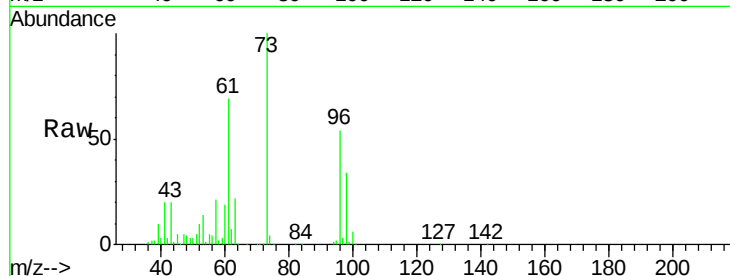




#21
trans-1,2-Dichloroethene
Concen: 52.870 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VN054225.D
Acq: 13 Mar 2019 20:56

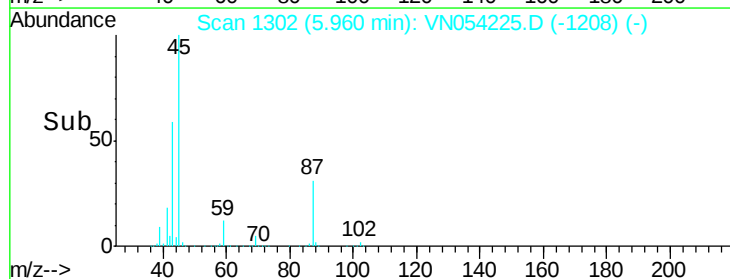
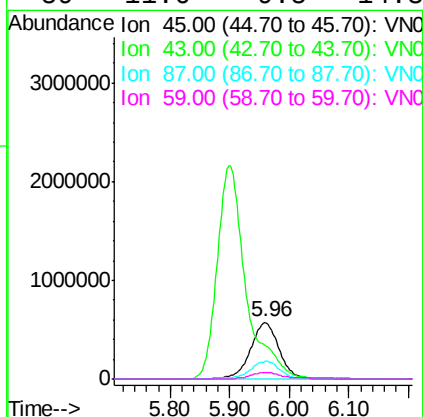
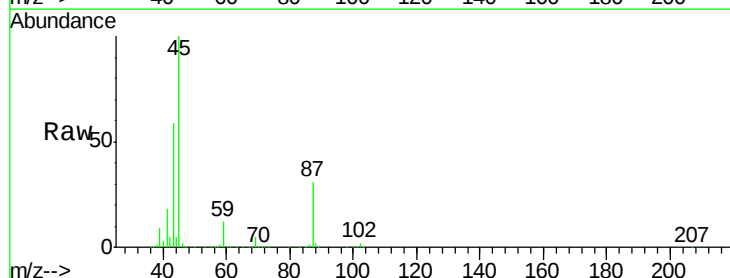
Instrument :
MSVOA_N
ClientSampleId :

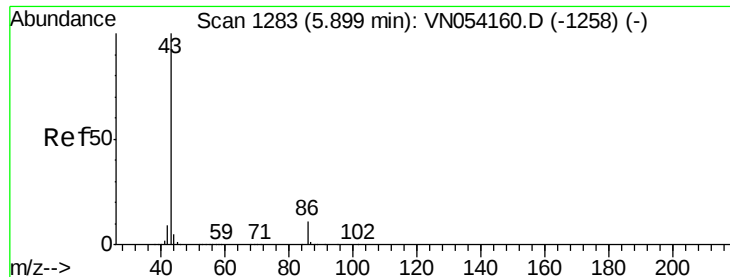
Tot Ion: 96 Resp: 719442
Ion Ratio Lower Upper
96 100
61 127.3 102.8 154.2
98 63.2 50.0 75.0



#22
Diisopropyl ether
Concen: 53.431 ug/l
RT: 5.96 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VN054225.D
Acq: 13 Mar 2019 20:56

Tgt Ion: 45 Resp: 1943210
Ion Ratio Lower Upper
45 100
43 58.4 48.2 72.2
87 30.4 24.9 37.3
59 11.6 9.5 14.3





#23

Vinyl Acetate

Concen: 272.018 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN054225.D

Acq: 13 Mar 2019 20:56

Instrument :

MSVOA_N

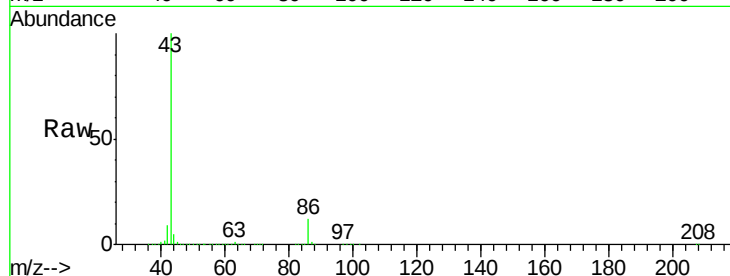
ClientSampleId :

Tot Ion: 43 Resp: 7294071

Ion Ratio Lower Upper

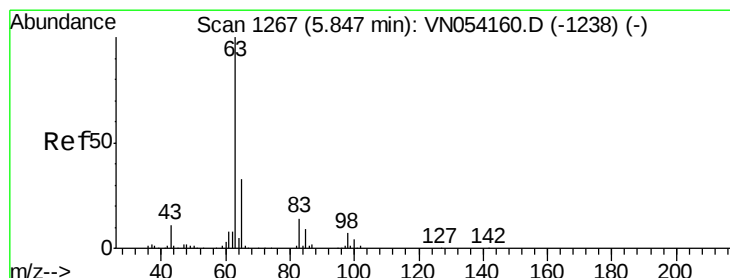
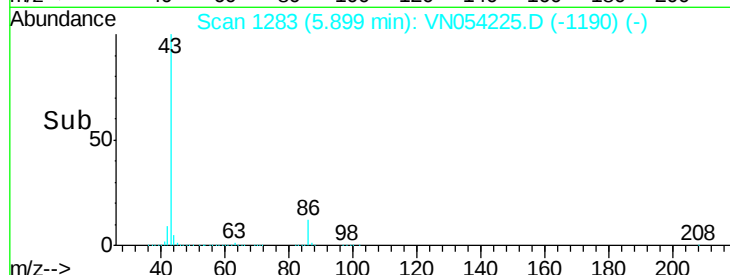
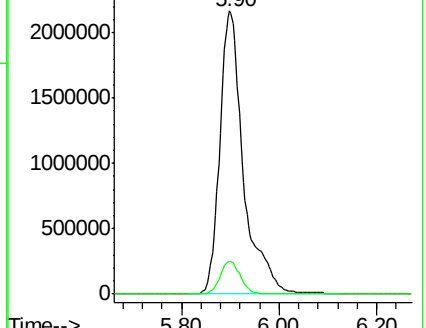
43 100

86 11.5 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN054225.D (-1190) (-)

Ion 86.00 (85.70 to 86.70): VN054225.D (-1190) (-)



#24

1,1-Dichloroethane

Concen: 52.283 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN054225.D

Acq: 13 Mar 2019 20:56

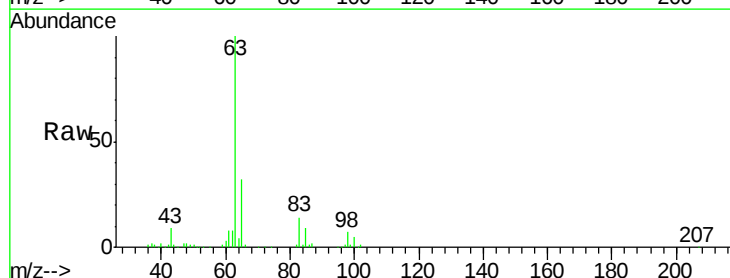
Tgt Ion: 63 Resp: 1220892

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

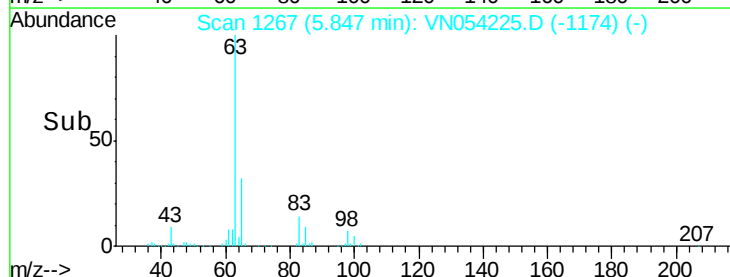
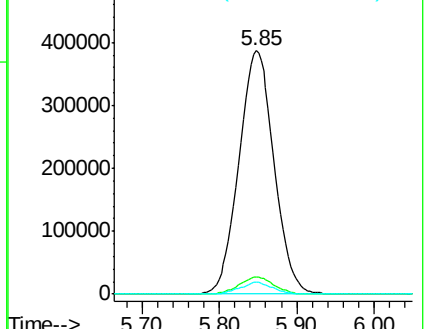
100 4.9 2.0 6.0

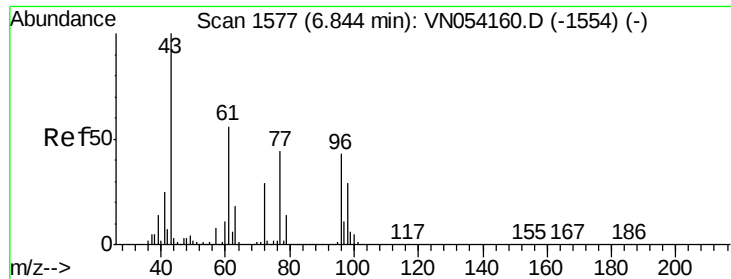


Abundance Ion 62.90 (62.60 to 63.60): VN054225.D (-1174) (-)

Ion 97.90 (97.60 to 98.60): VN054225.D (-1174) (-)

Ion 99.90 (99.60 to 100.60): VN054225.D (-1174) (-)

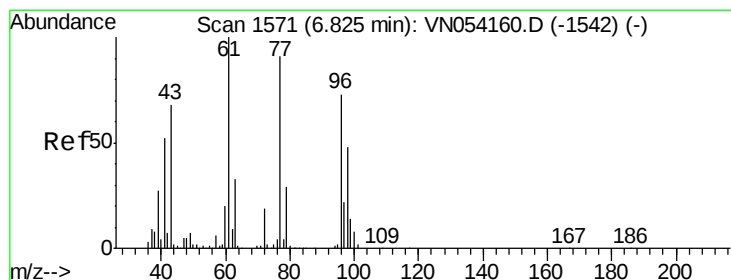
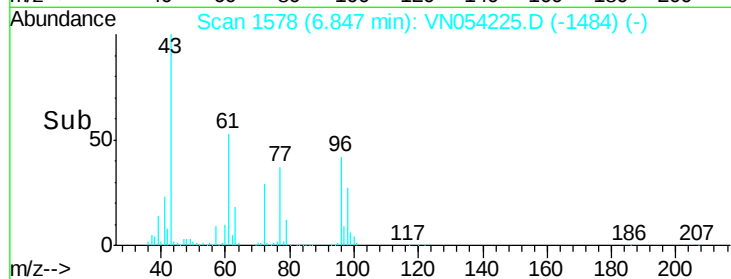
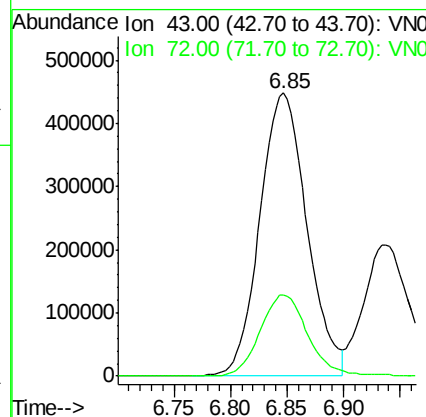
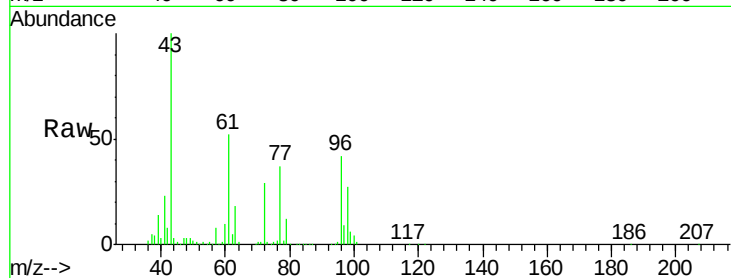




#25
2-Butanone
Concen: 263.859 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VN054225.D
Acq: 13 Mar 2019 20:56

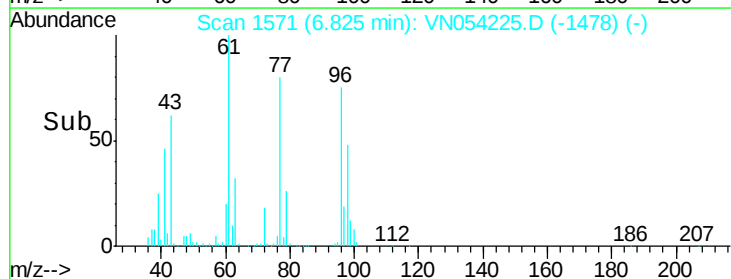
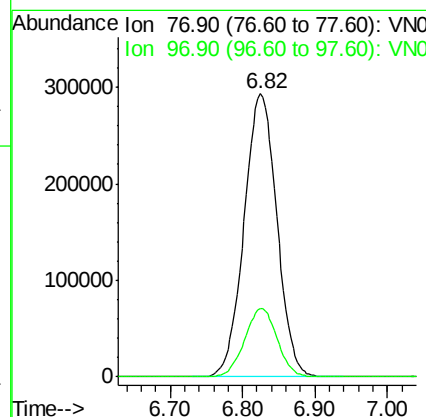
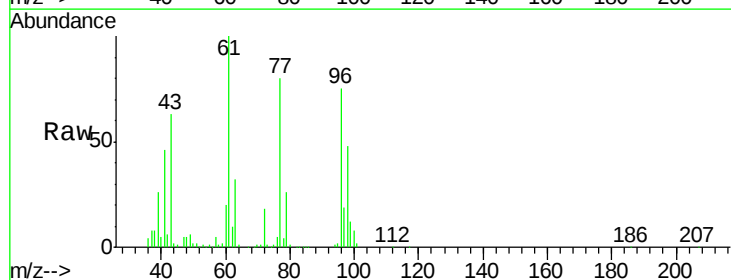
Instrument :
MSVOA_N
ClientSampled :

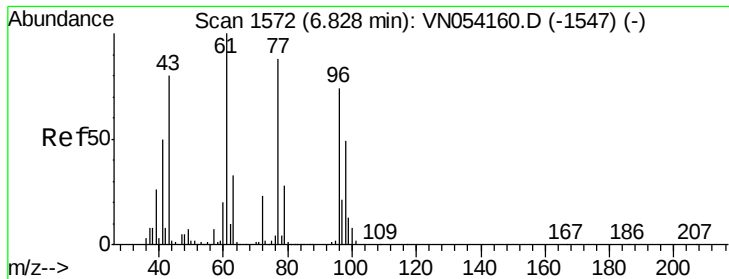
Tot Ion: 43 Resp: 1287369
Ion Ratio Lower Upper
43 100
72 28.9 23.0 34.6



#26
2,2-Dichloropropane
Concen: 44.925 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN054225.D
Acq: 13 Mar 2019 20:56

Tgt Ion: 77 Resp: 922548
Ion Ratio Lower Upper
77 100
97 24.0 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 54.229 ug/l

RT: 6.83 min Scan# 1573

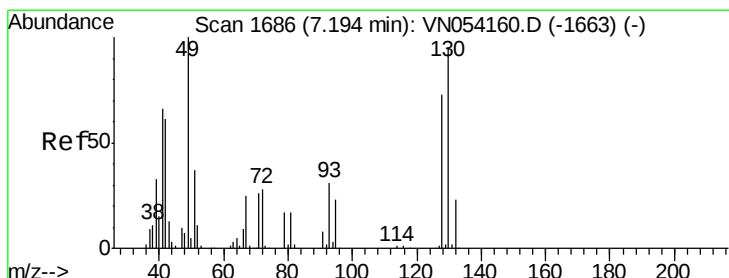
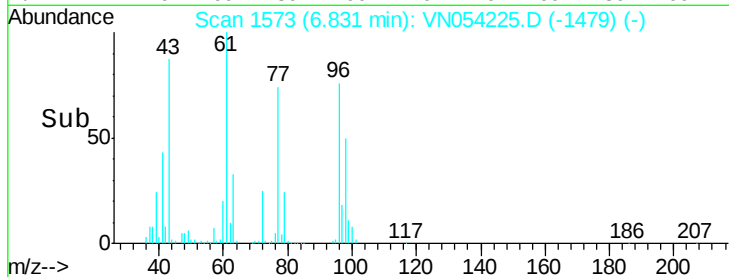
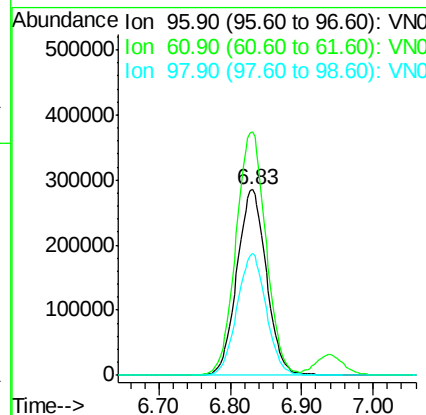
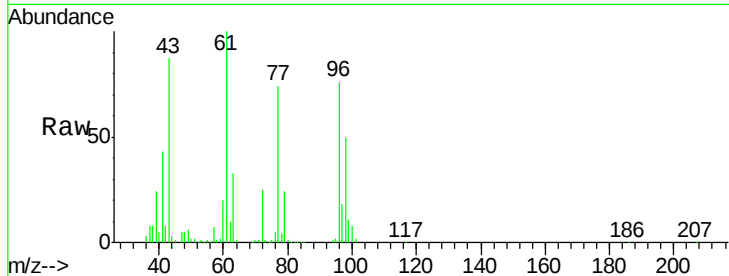
Delta R.T. 0.00 min

Lab File: VN054225.D

Acq: 13 Mar 2019 20:56

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 823254
Ion Ratio Lower Upper
96 100
61 132.9 0.0 273.0
98 64.7 0.0 130.6



#28

Bromochloromethane

Concen: 53.100 ug/l

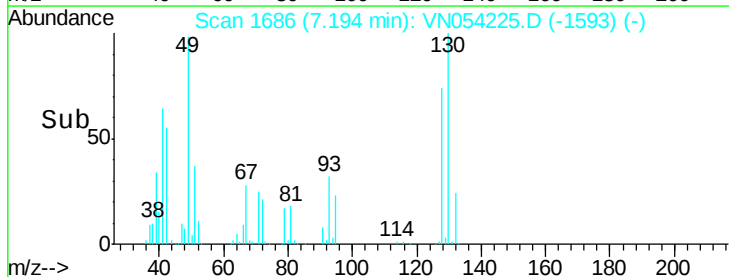
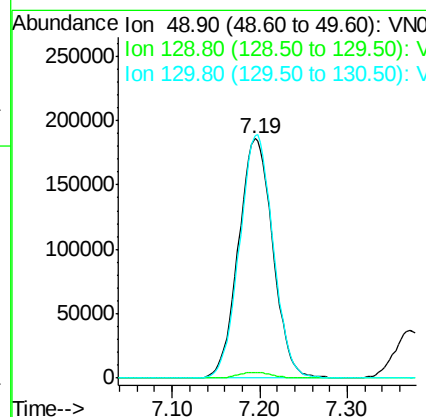
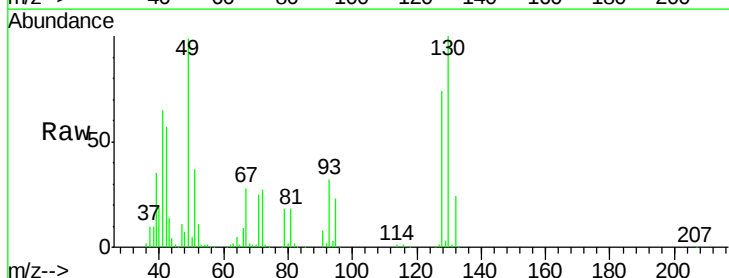
RT: 7.19 min Scan# 1686

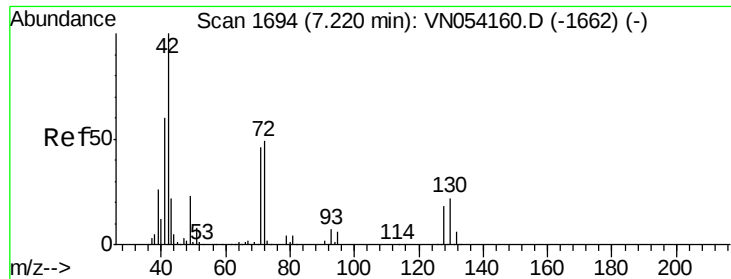
Delta R.T. 0.00 min

Lab File: VN054225.D

Acq: 13 Mar 2019 20:56

Tgt Ion: 49 Resp: 506916
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.6
130 99.5 76.7 115.1

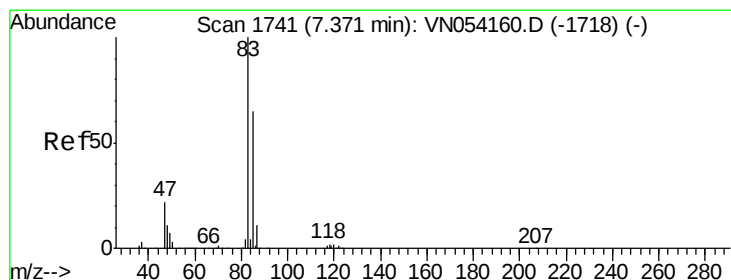
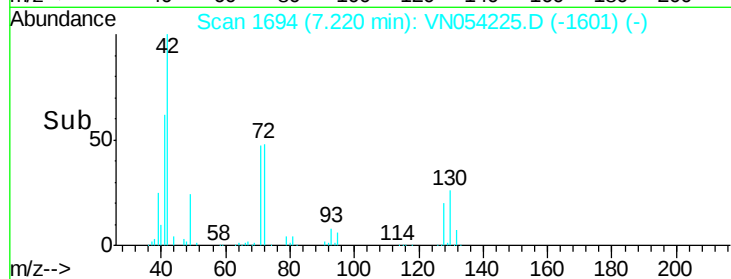
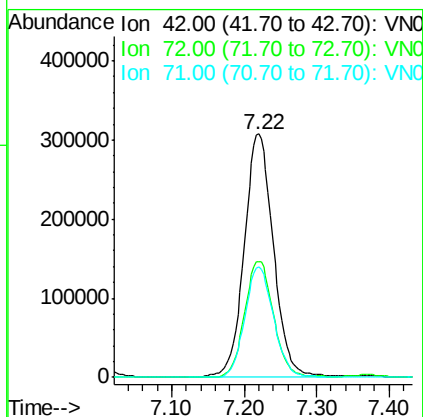
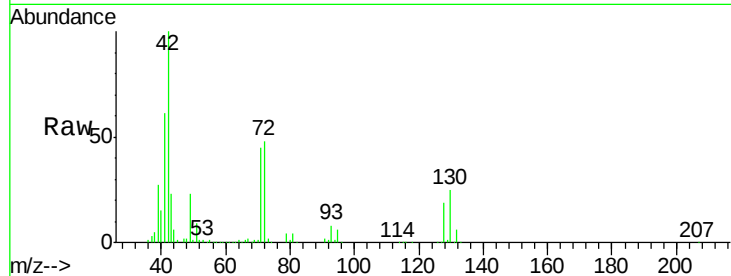




#29
Tetrahydrofuran
Concen: 272.611 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.00 min
Lab File: VN054225.D
Acq: 13 Mar 2019 20:56

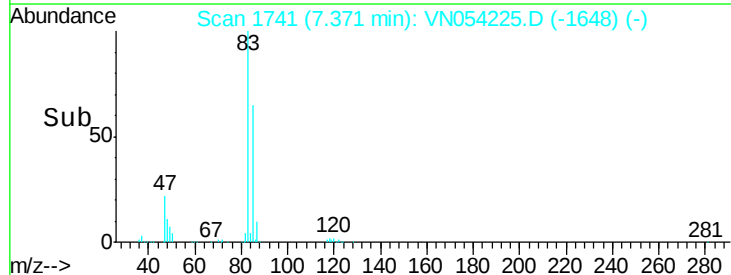
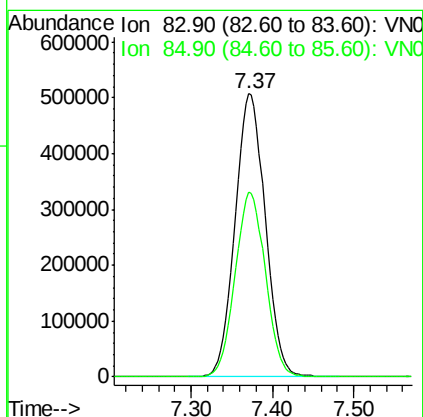
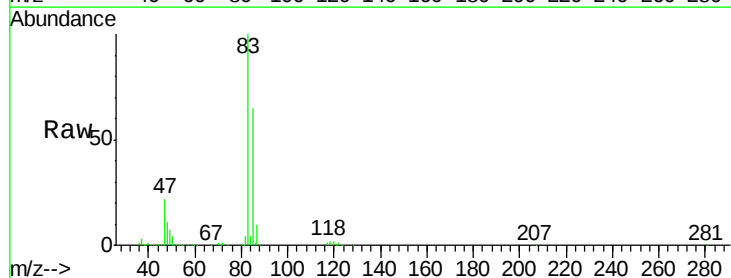
Instrument :
MSVOA_N
ClientSampleId :

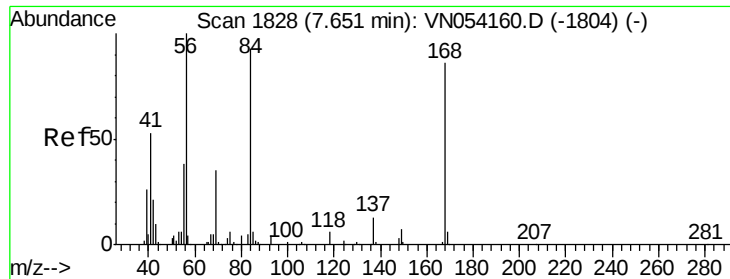
Tot Ion: 42 Resp: 855183
Ion Ratio Lower Upper
42 100
72 47.4 37.8 56.6
71 45.1 36.2 54.2



#30
Chloroform
Concen: 53.547 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN054225.D
Acq: 13 Mar 2019 20:56

Tgt Ion: 83 Resp: 1304779
Ion Ratio Lower Upper
83 100
85 65.1 52.2 78.4

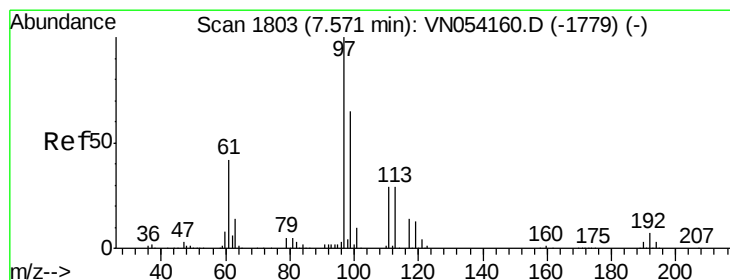
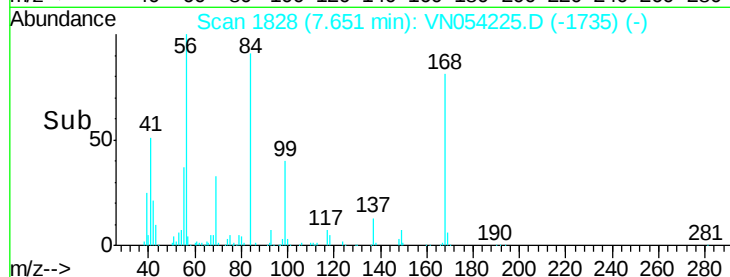
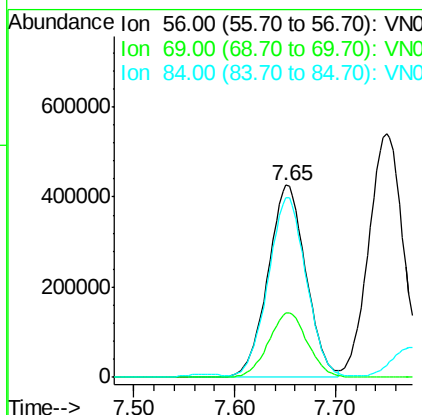
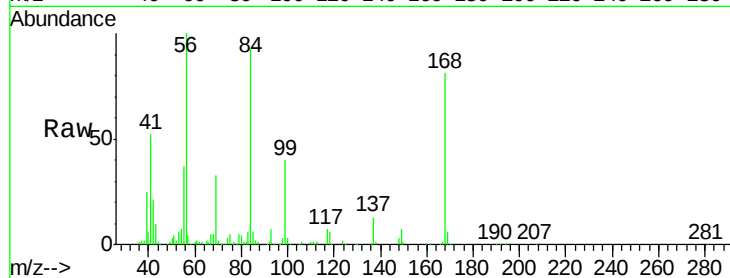




#31
Cyclohexane
Concen: 50.924 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN054225.D
Acq: 13 Mar 2019 20:56

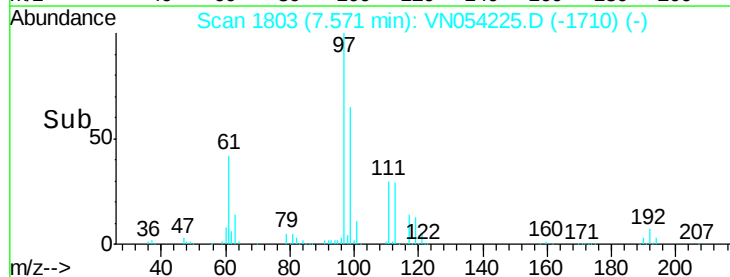
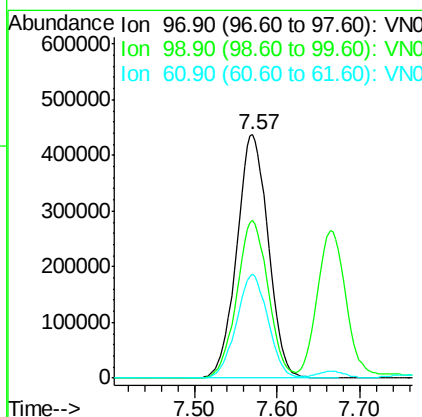
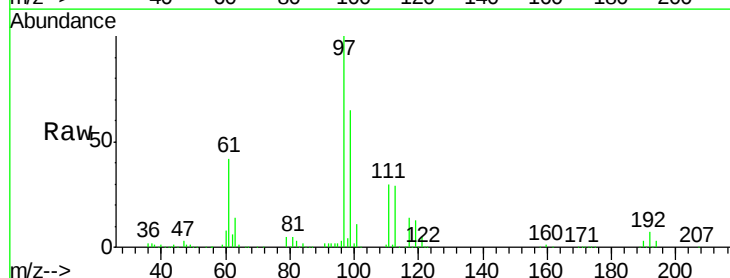
Instrument :
MSVOA_N
ClientSampleId :

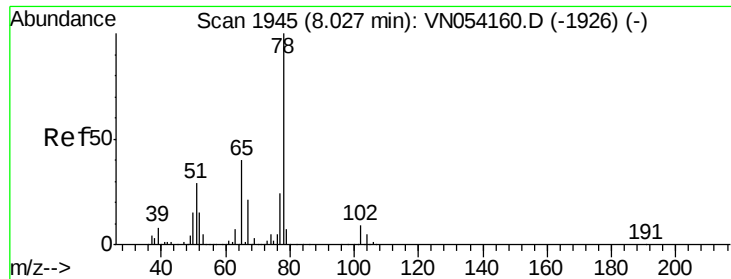
Tot Ion: 56 Resp: 1111269
Ion Ratio Lower Upper
56 100
69 33.3 27.8 41.6
84 92.2 74.6 111.8



#32
1,1,1-Trichloroethane
Concen: 52.405 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN054225.D
Acq: 13 Mar 2019 20:56

Tgt Ion: 97 Resp: 1153269
Ion Ratio Lower Upper
97 100
99 64.6 51.5 77.3
61 42.7 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 52.914 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054225.D

Acq: 13 Mar 2019 20:56

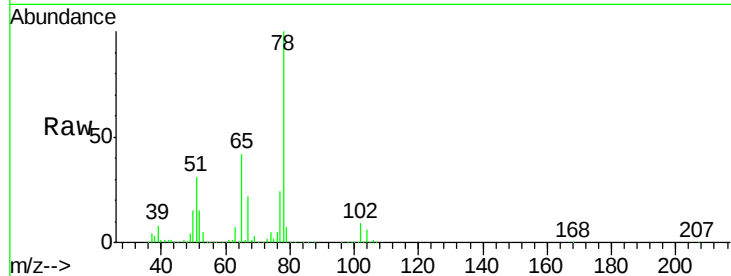
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 65 Resp: 768234

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN054225.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN054225.D (-1852) (-)

8.03

300000

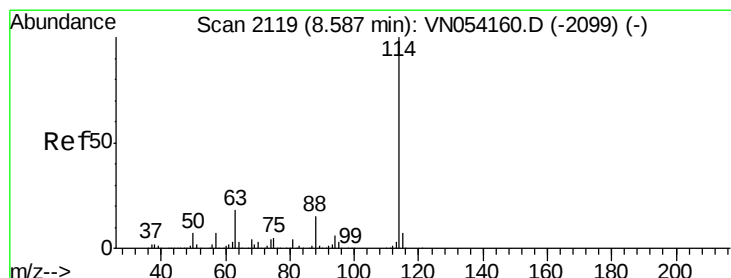
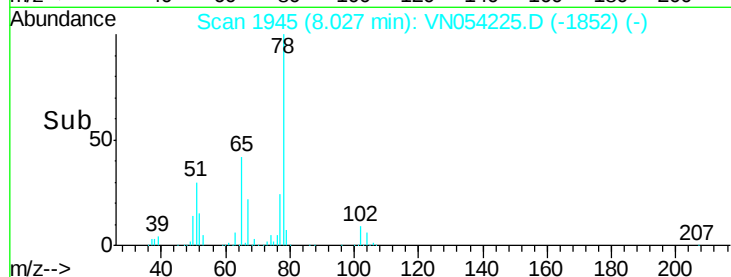
200000

100000

0

7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054225.D

Acq: 13 Mar 2019 20:56

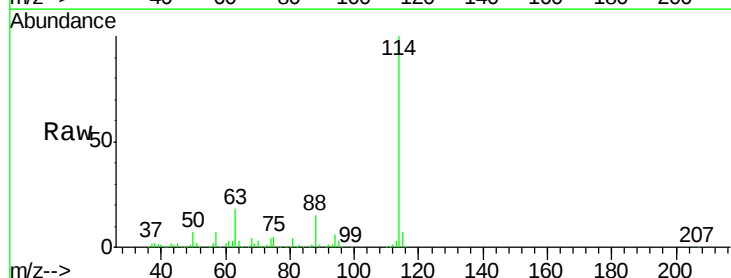
Tgt Ion: 114 Resp: 2158692

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.2

88 14.8 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): VN054225.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN054225.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN054225.D (-2026) (-)

8.59

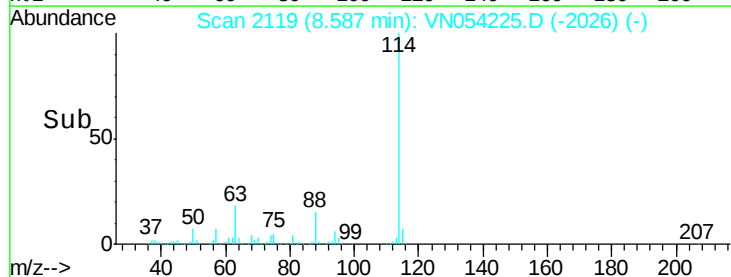
1000000

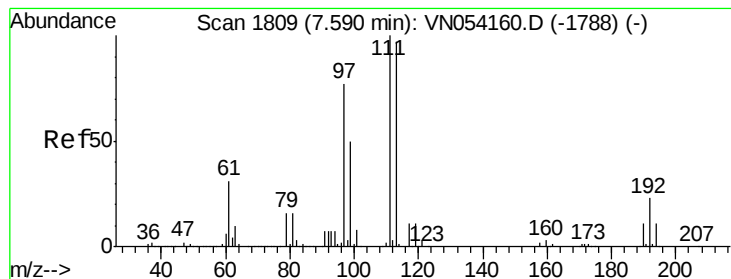
500000

0

8.40 8.60 8.80

Time-->





#35

Dibromofluoromethane

Concen: 51.122 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054225.D

Acq: 13 Mar 2019 20:56

Instrument :
MSVOA_N
ClientSampled :

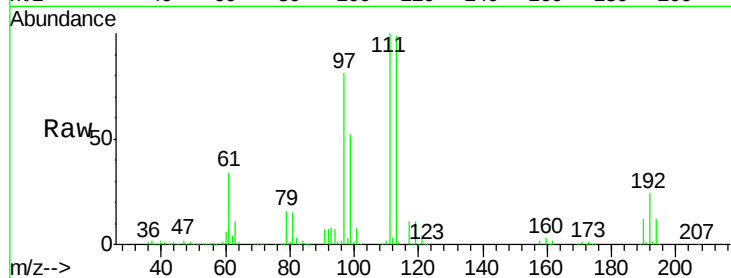
Tot Ion:113 Resp: 711761

Ion Ratio Lower Upper

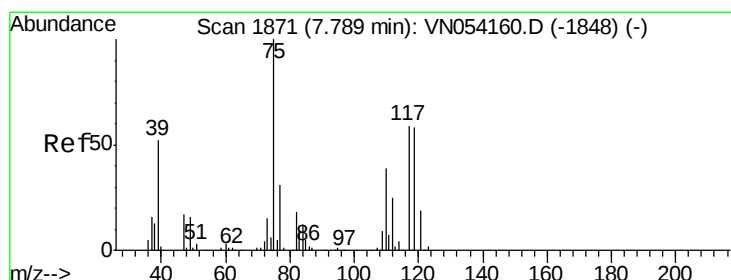
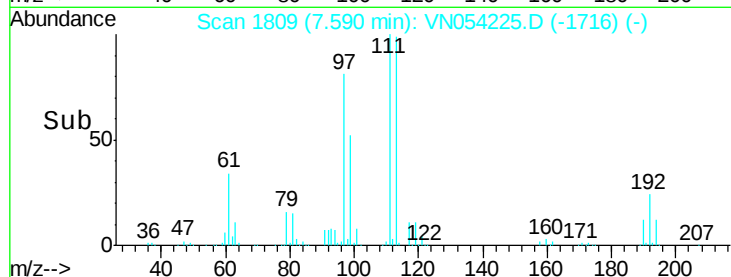
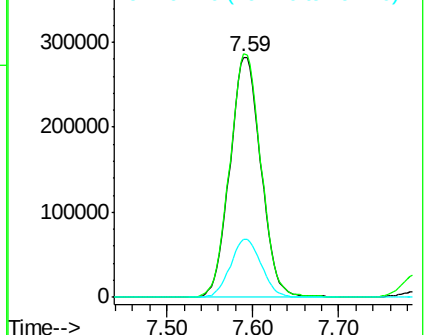
113 100

111 101.1 82.2 123.4

192 24.1 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: 49.753 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN054225.D

Acq: 13 Mar 2019 20:56

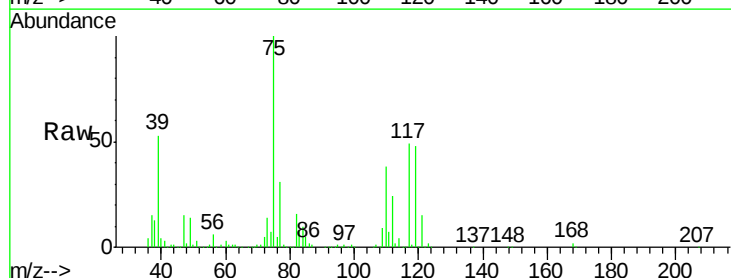
Tgt Ion: 75 Resp: 989082

Ion Ratio Lower Upper

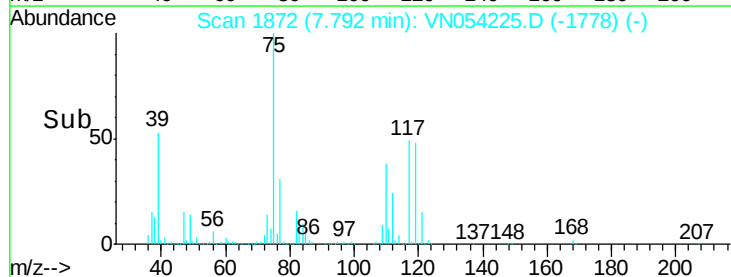
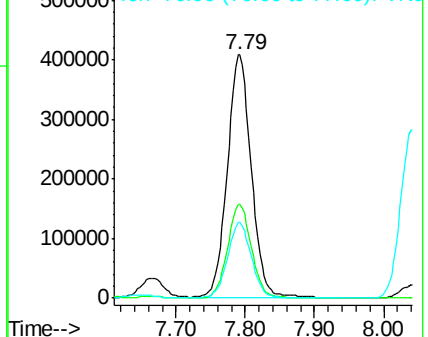
75 100

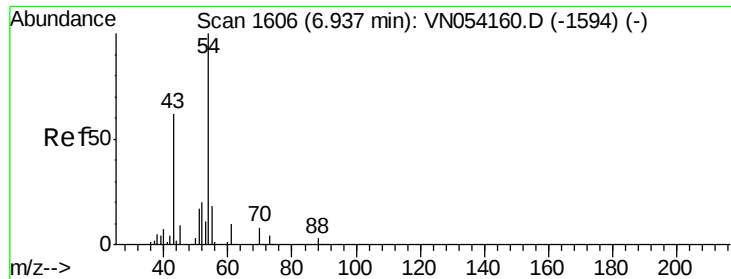
110 38.6 19.1 57.5

77 30.7 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

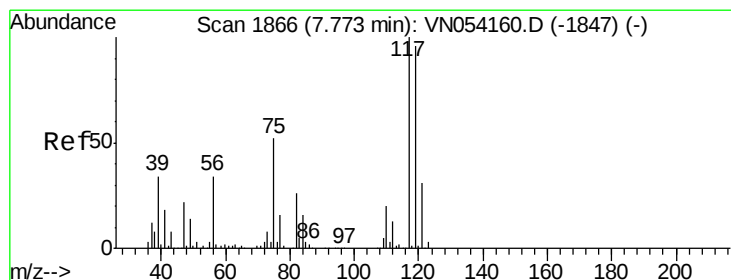
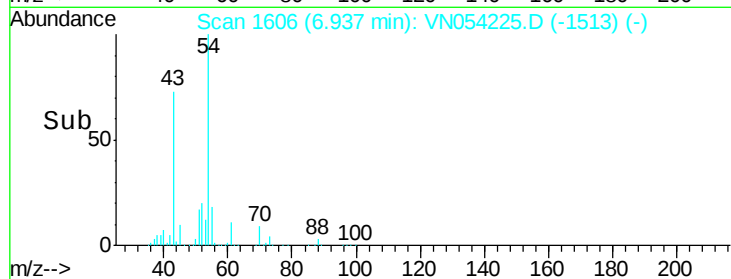
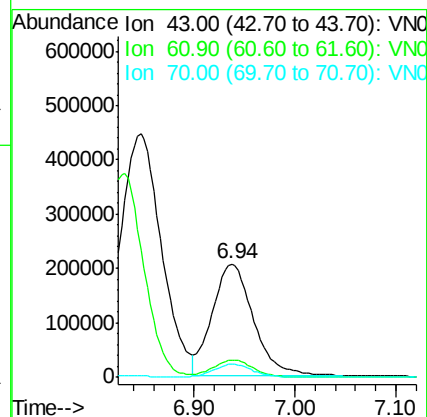
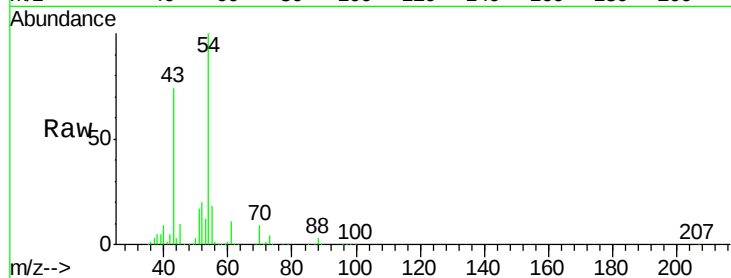




#37
Ethyl Acetate
Concen: 51.419 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VN054225.D
Acq: 13 Mar 2019 20:56

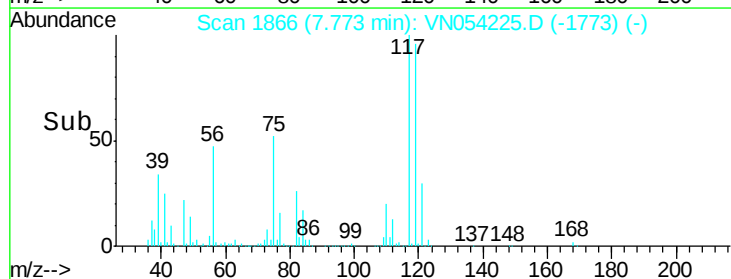
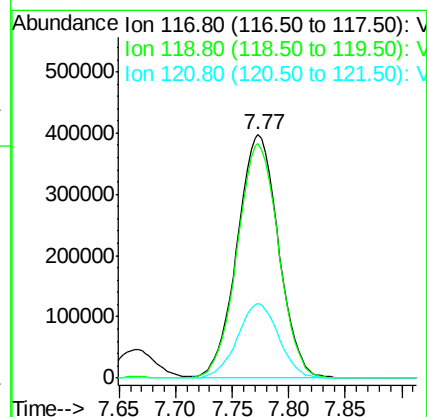
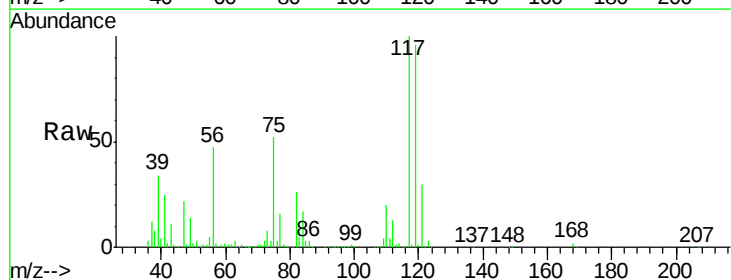
Instrument :
MSVOA_N
ClientSampled :

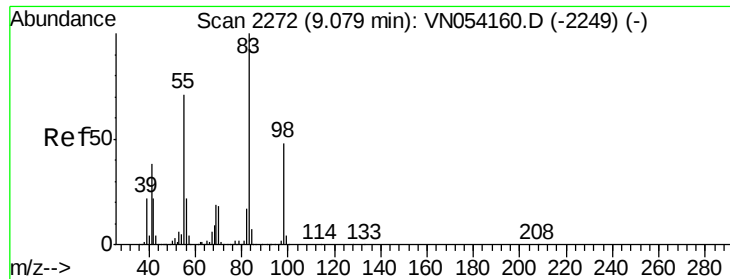
Tot Ion: 43 Resp: 587345
Ion Ratio Lower Upper
43 100
61 14.9 11.8 17.6
70 10.8 8.4 12.6



#38
Carbon Tetrachloride
Concen: 48.263 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN054225.D
Acq: 13 Mar 2019 20:56

Tgt Ion: 117 Resp: 1006162
Ion Ratio Lower Upper
117 100
119 96.3 76.3 114.5
121 30.4 24.6 36.8

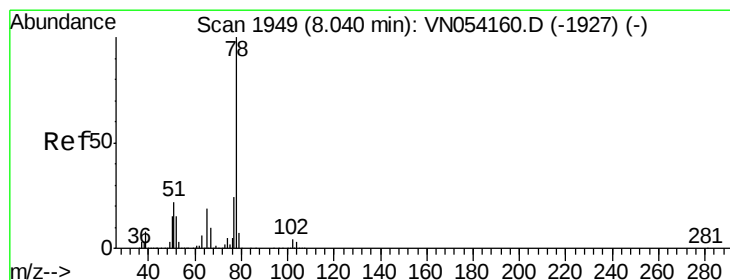
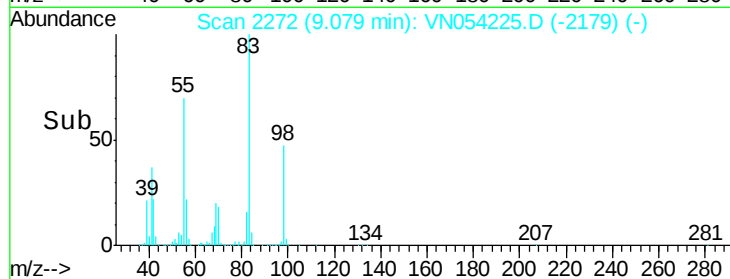
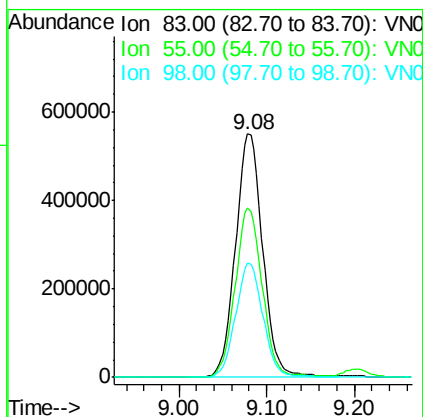
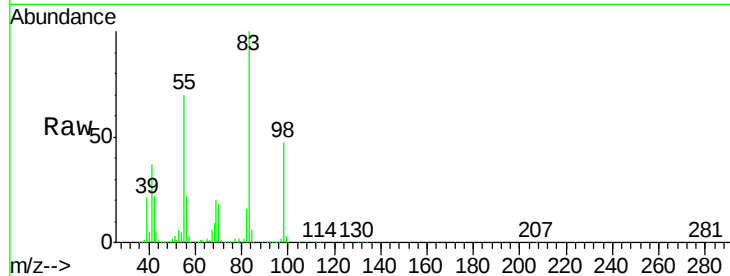




#39
Methvlcvclohexane
Concen: 48.703 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN054225.D
Acq: 13 Mar 2019 20:56

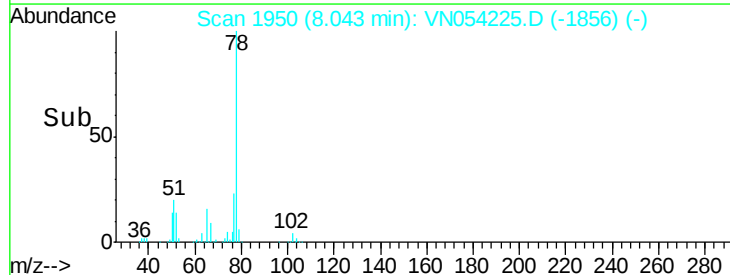
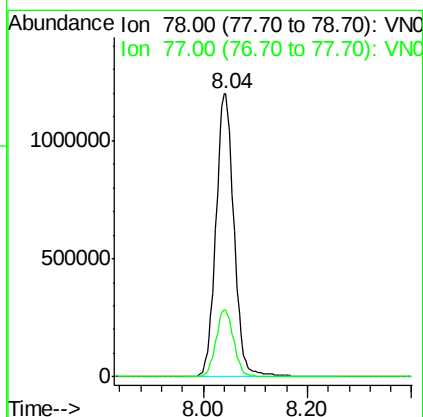
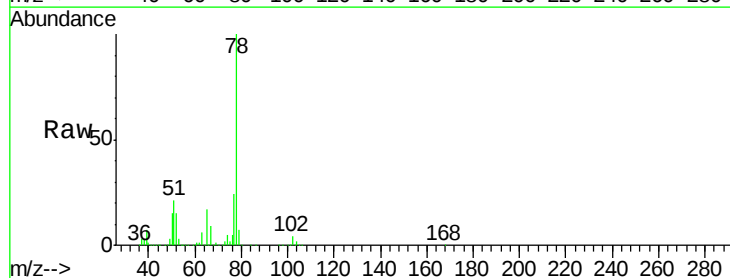
Instrument :
MSVOA_N
ClientSampled :

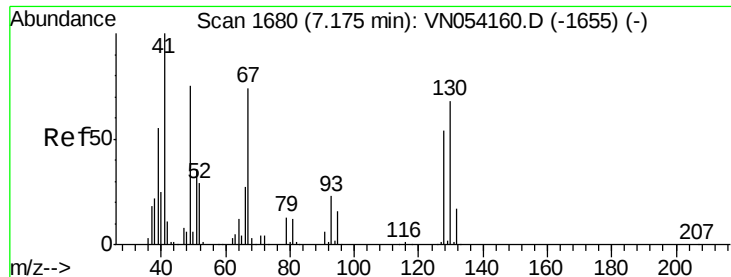
Tot Ion: 83 Resp: 1191244
Ion Ratio Lower Upper
83 100
55 69.8 56.6 84.8
98 47.0 38.4 57.6



#40
Benzene
Concen: 50.818 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN054225.D
Acq: 13 Mar 2019 20:56

Tgt Ion: 78 Resp: 2890915
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7

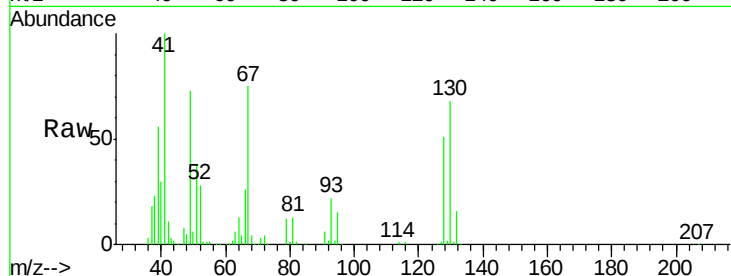




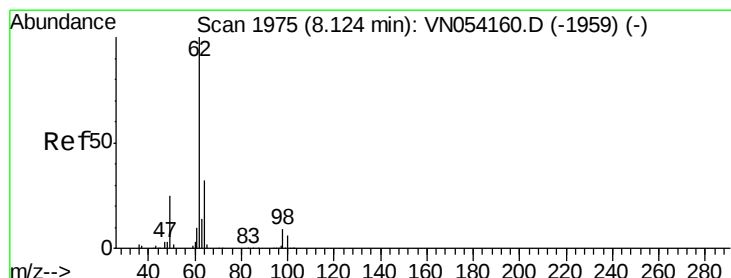
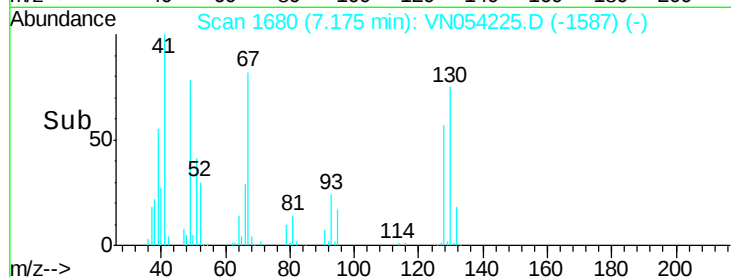
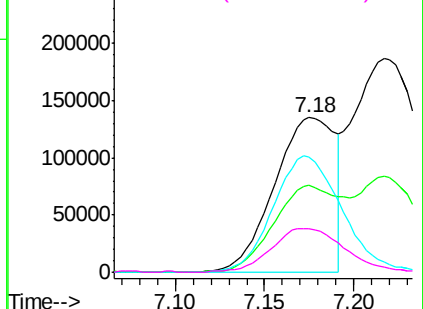
#41
Methacrylonitrile
Concen: 48.776 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN054225.D
Acq: 13 Mar 2019 20:56

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 318118
Ion Ratio Lower Upper
41 100
39 63.8 46.8 70.2
67 85.9 67.0 100.4
52 34.3 26.5 39.7

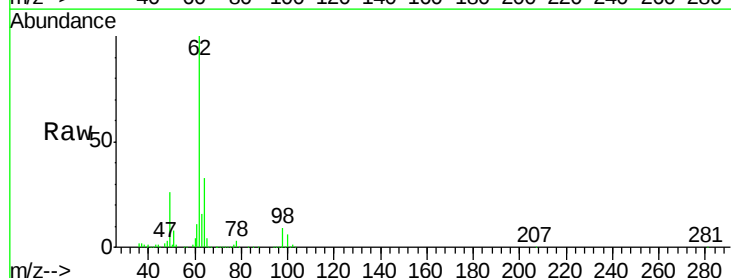


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

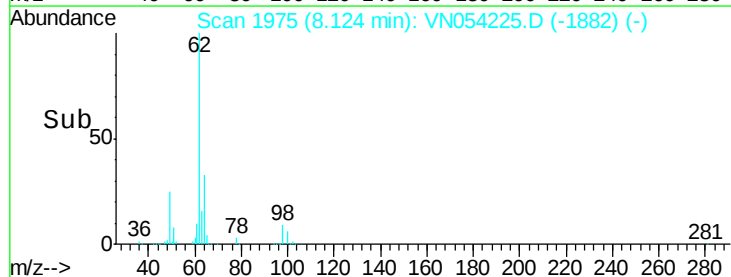
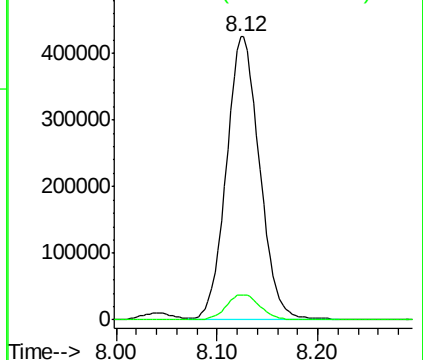


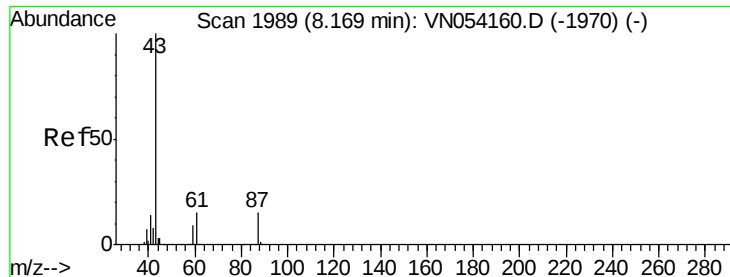
#42
1,2-Dichloroethane
Concen: 50.433 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN054225.D
Acq: 13 Mar 2019 20:56

Tgt Ion: 62 Resp: 968633
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.4



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



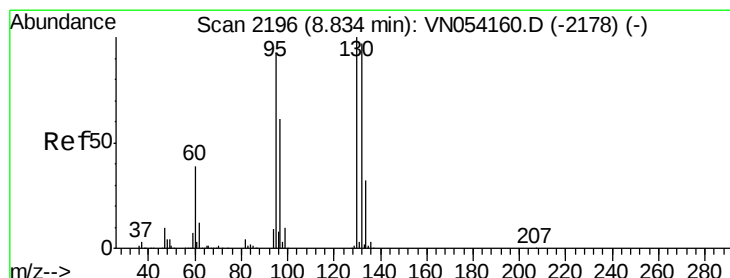
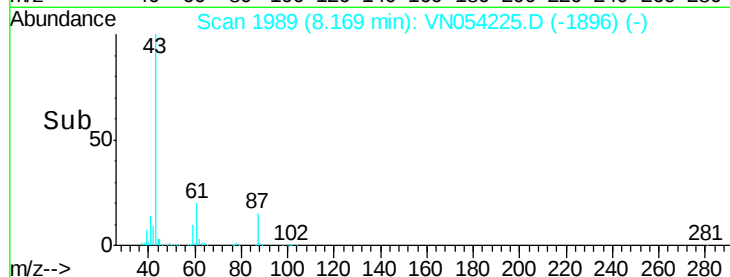
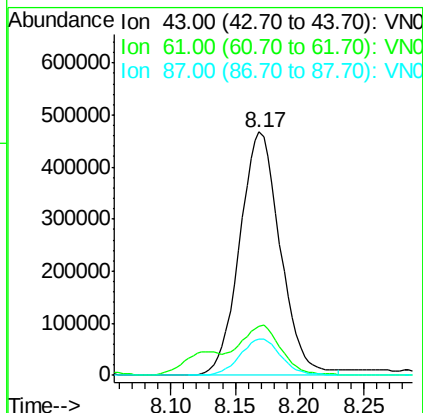
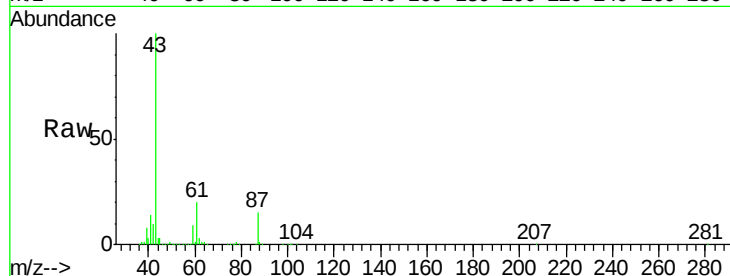


#43

Isopropyl Acetate
 Concen: 50.845 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN054225.D
 Acq: 13 Mar 2019 20:56

Instrument :
 MSVOA_N
 ClientSampleId :

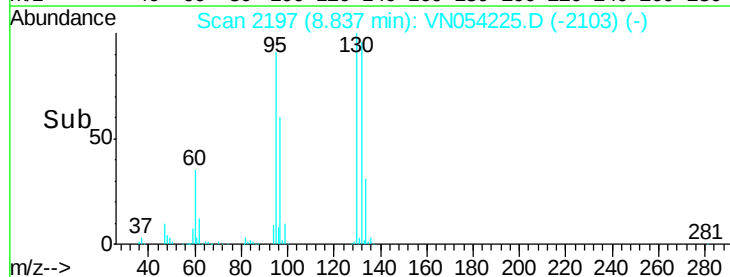
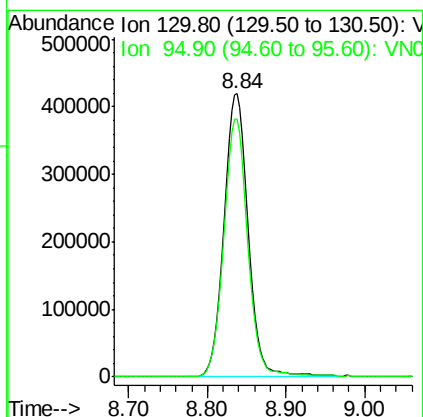
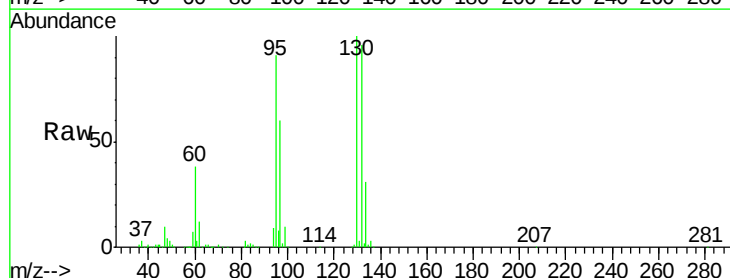
Tot Ion: 43 Resp: 1019447
 Ion Ratio Lower Upper
 43 100
 61 20.3 15.8 23.8
 87 15.1 12.0 18.0

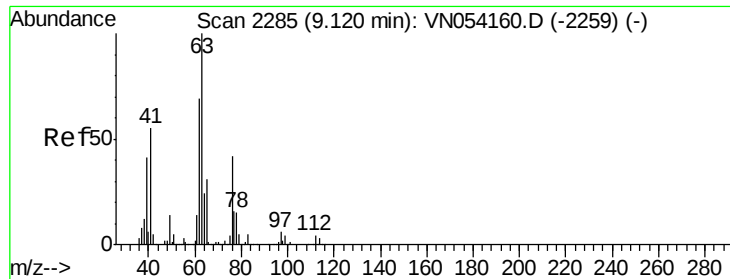


#44

Trichloroethene
 Concen: 50.246 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN054225.D
 Acq: 13 Mar 2019 20:56

Tgt Ion: 130 Resp: 887947
 Ion Ratio Lower Upper
 130 100
 95 91.0 0.0 185.2

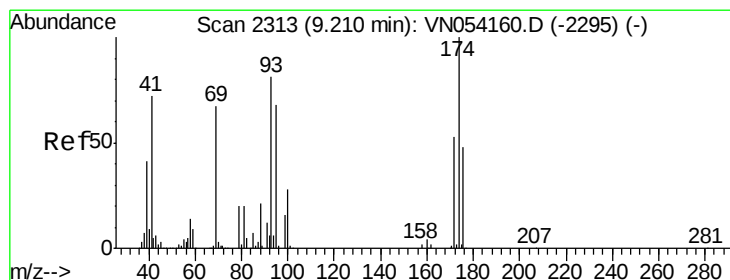
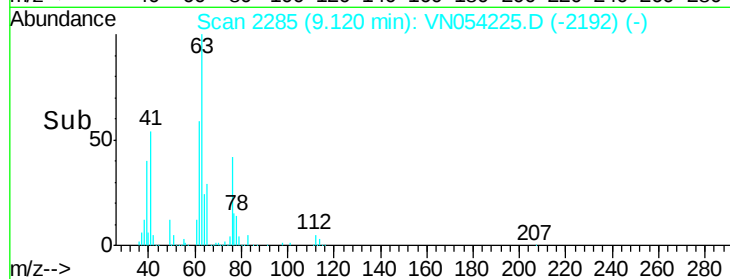
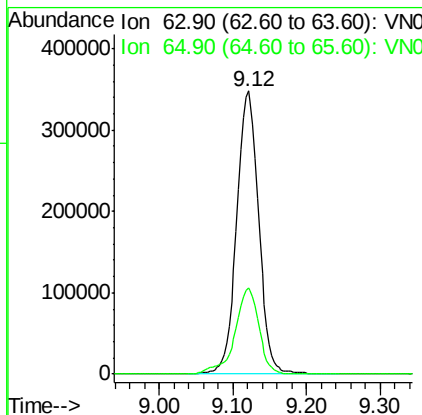
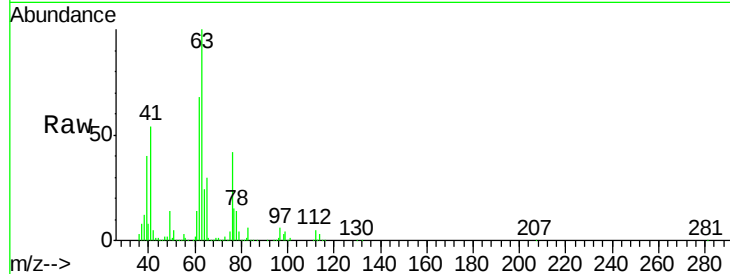




#45
 1,2-Dichloropropane
 Concen: 51.589 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN054225.D
 Acq: 13 Mar 2019 20:56

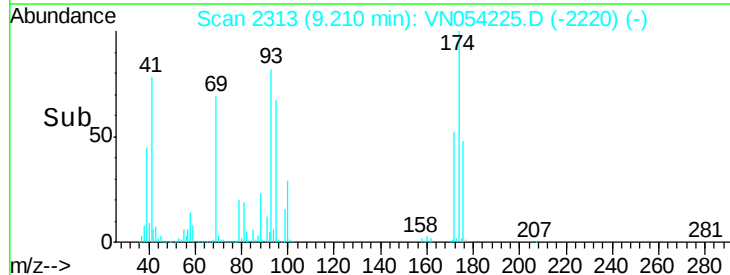
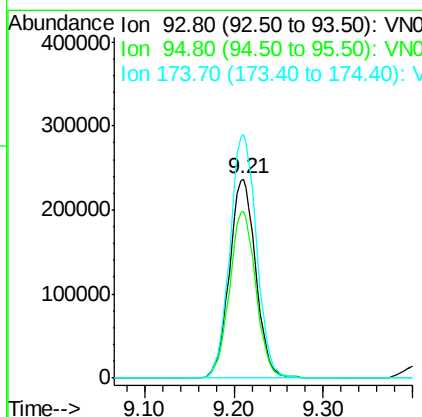
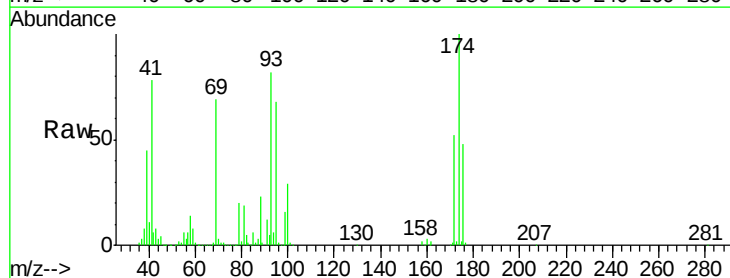
Instrument :
 MSVOA_N
 ClientSampleId :

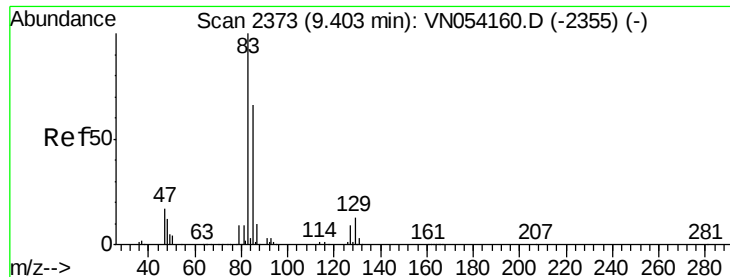
Tot Ion: 63 Resp: 728737
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.0 37.6



#46
 Dibromomethane
 Concen: 50.679 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. -0.00 min
 Lab File: VN054225.D
 Acq: 13 Mar 2019 20:56

Tgt Ion: 93 Resp: 483695
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.7 100.1
 174 123.3 98.5 147.7





#47

Bromodichloromethane

Concen: 51.201 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN054225.D

Acq: 13 Mar 2019 20:56

Instrument :
MSVOA_N
ClientSampleId :

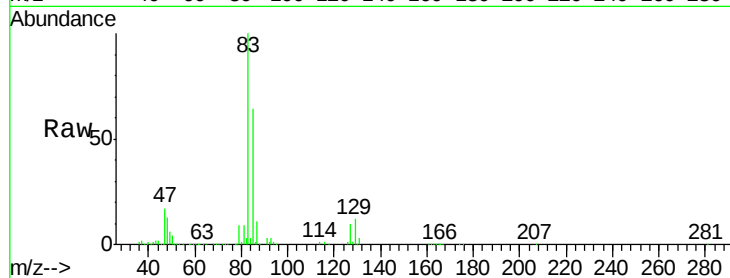
Tot Ion: 83 Resp: 979655

Ion Ratio Lower Upper

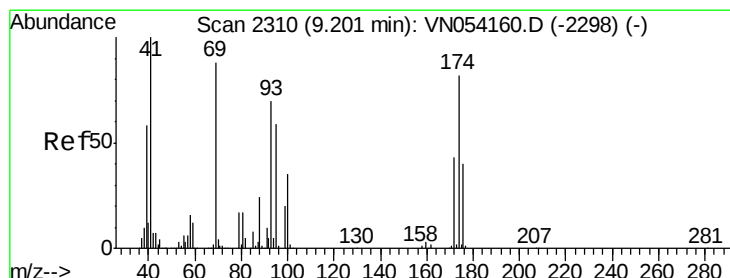
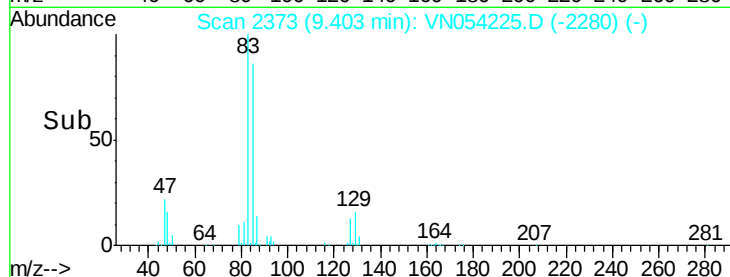
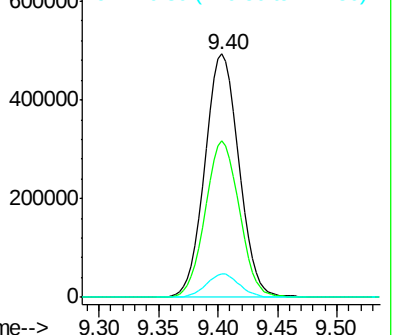
83 100

85 64.5 52.8 79.2

127 9.6 7.4 11.2



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



#48

Methyl methacrylate

Concen: 53.239 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN054225.D

Acq: 13 Mar 2019 20:56

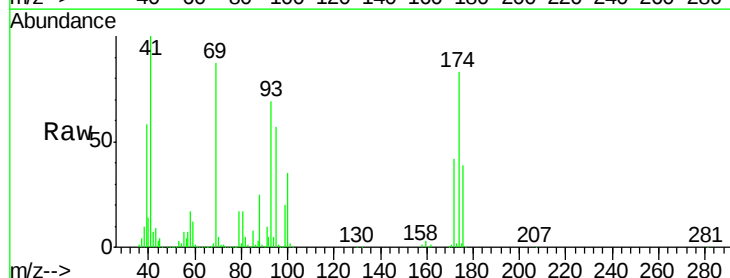
Tgt Ion: 41 Resp: 541708

Ion Ratio Lower Upper

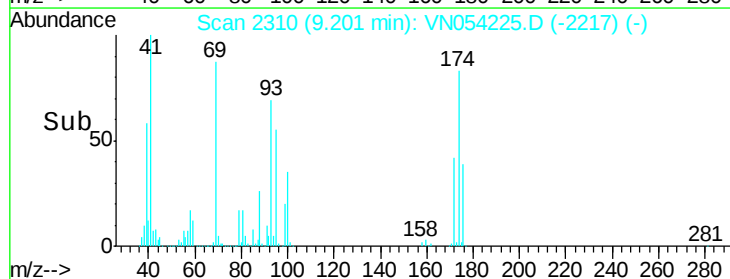
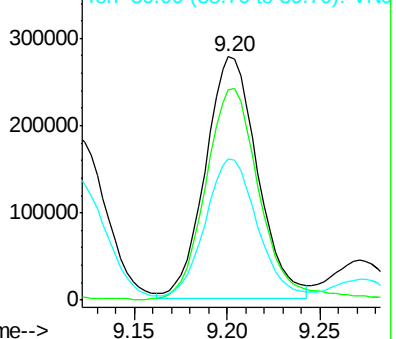
41 100

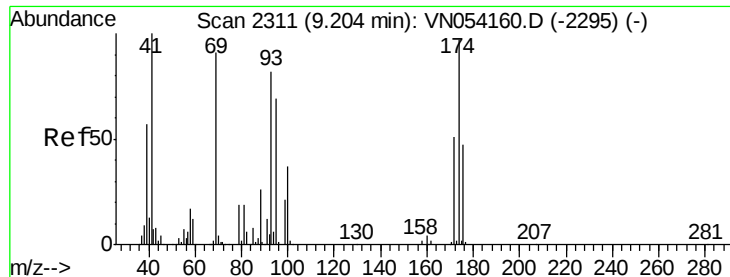
69 90.6 72.6 108.8

39 59.7 47.5 71.3



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

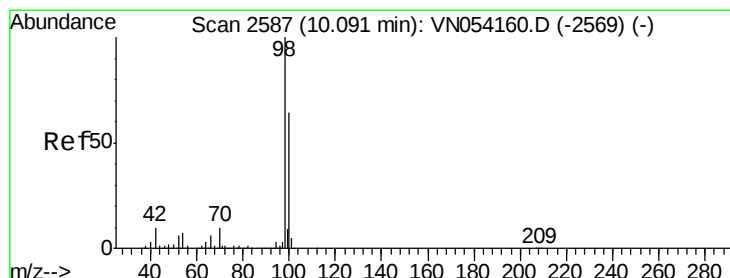
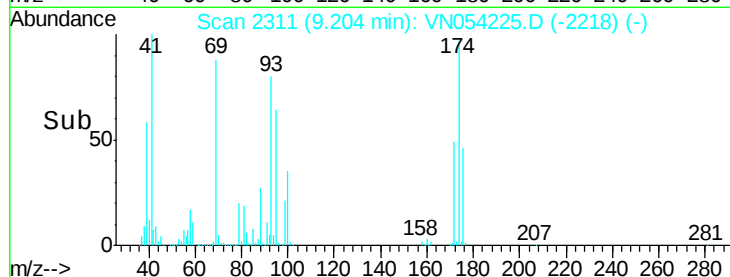
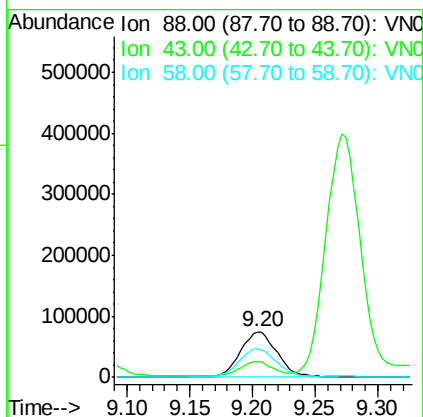
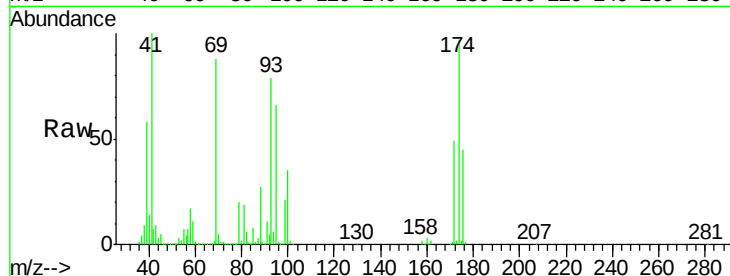




#49
1,4-Dioxane
Concen: 1067.522 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN054225.D
Acq: 13 Mar 2019 20:56

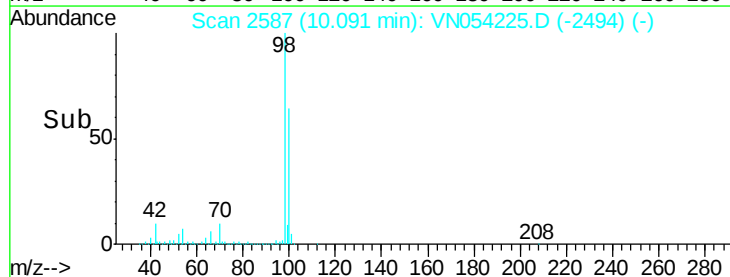
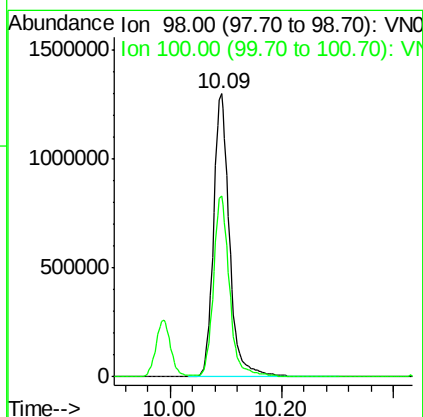
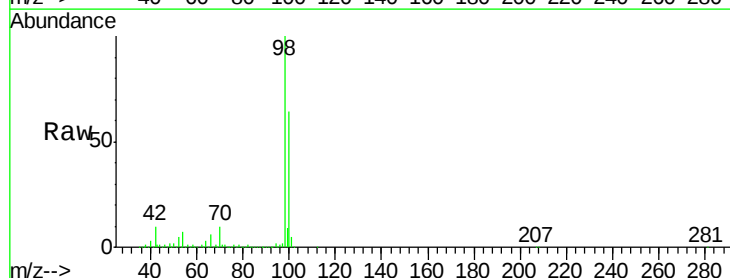
Instrument :
MSVOA_N
ClientSampleId :

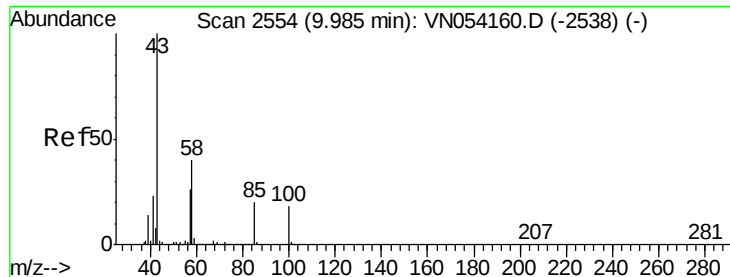
Tot Ion: 88 Resp: 153642
Ion Ratio Lower Upper
88 100
43 28.8 24.1 36.1
58 63.3 50.8 76.2



#50
Toluene-d8
Concen: 50.247 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054225.D
Acq: 13 Mar 2019 20:56

Tgt Ion: 98 Resp: 2583630
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 270.356 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN054225.D

Acq: 13 Mar 2019 20:56

Instrument :

MSVOA_N

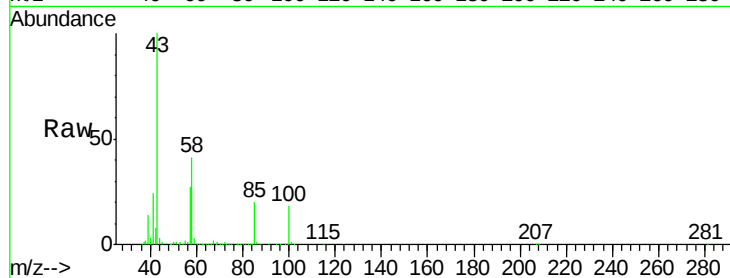
ClientSampled :

Tot Ion: 43 Resp: 2868620

Ion Ratio Lower Upper

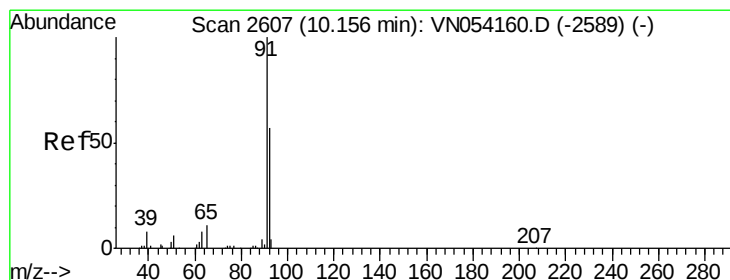
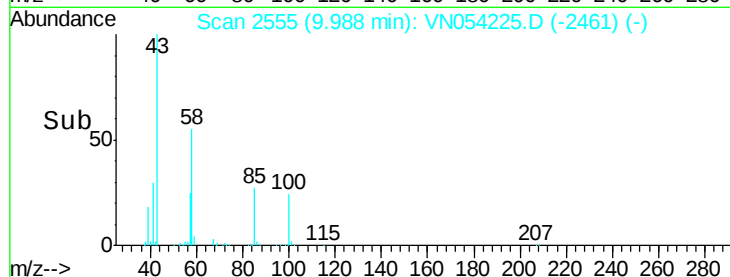
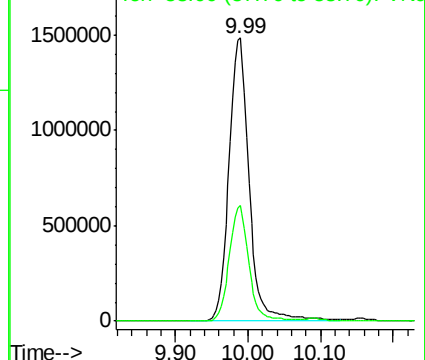
43 100

58 39.7 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 50.833 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054225.D

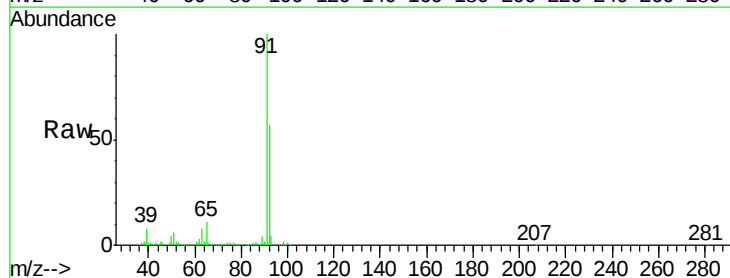
Acq: 13 Mar 2019 20:56

Tgt Ion: 92 Resp: 1833571

Ion Ratio Lower Upper

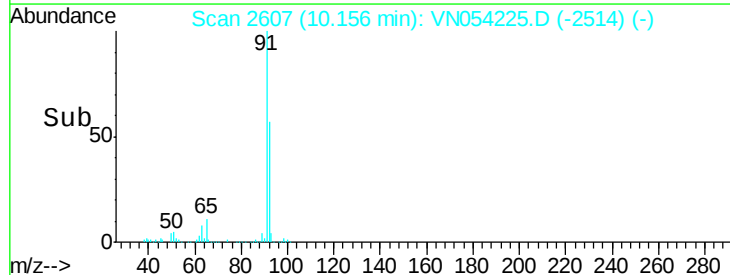
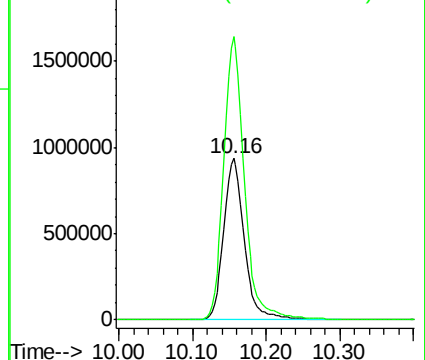
92 100

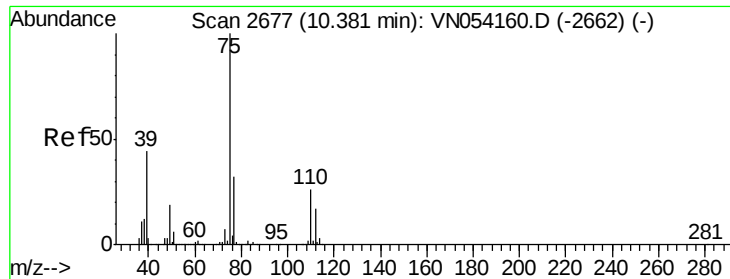
91 176.2 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 45.044 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN054225.D

Acq: 13 Mar 2019 20:56

Instrument :

MSVOA_N

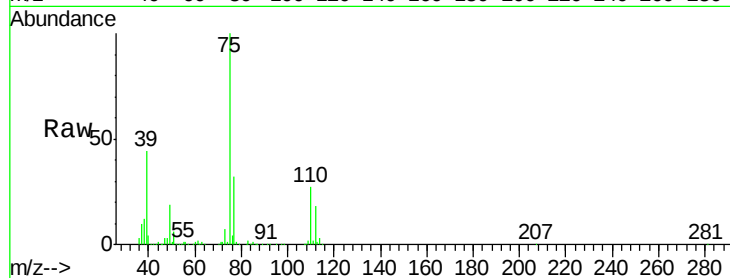
ClientSampled :

Tot Ion: 75 Resp: 981273

Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

600000

500000

400000

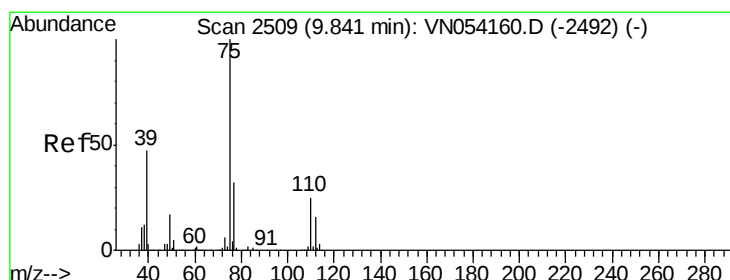
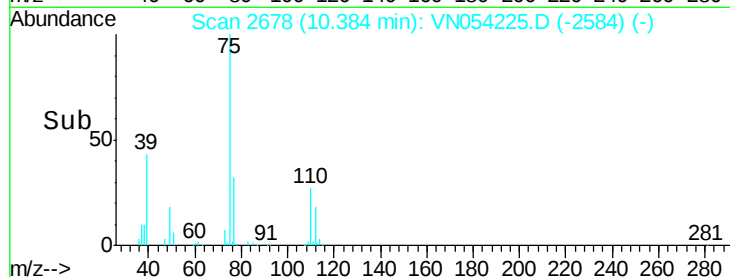
300000

200000

100000

0

Time--> 10.30 10.40 10.50



#54

cis-1,3-Dichloropropene

Concen: 50.195 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN054225.D

Acq: 13 Mar 2019 20:56

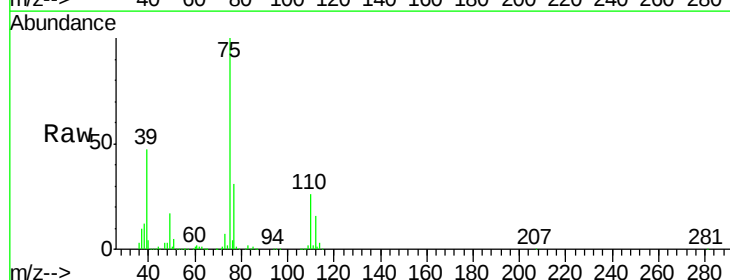
Tgt Ion: 75 Resp: 1119178

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.0

39 46.6 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

9.84

800000

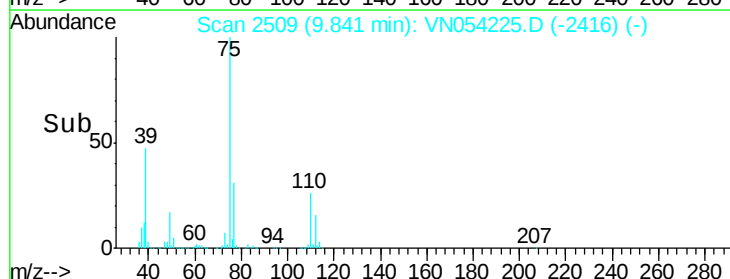
600000

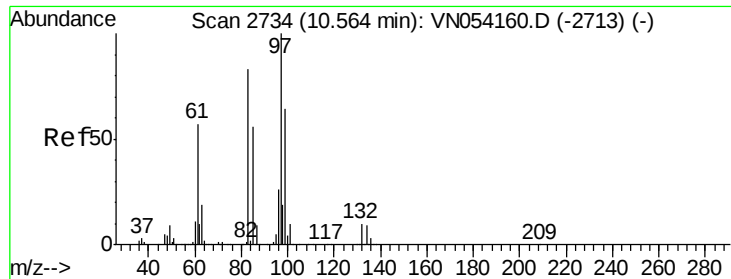
400000

200000

0

Time--> 9.70 9.80 9.90 10.00

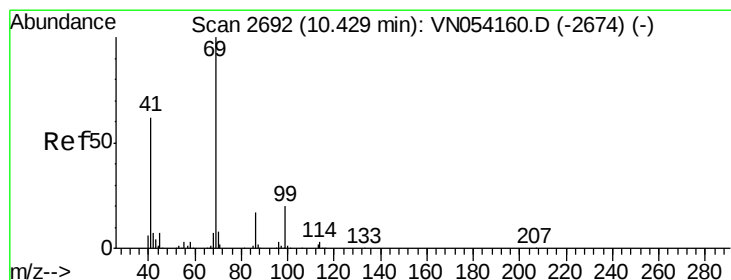
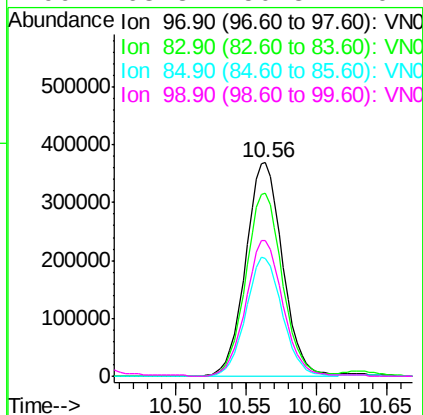
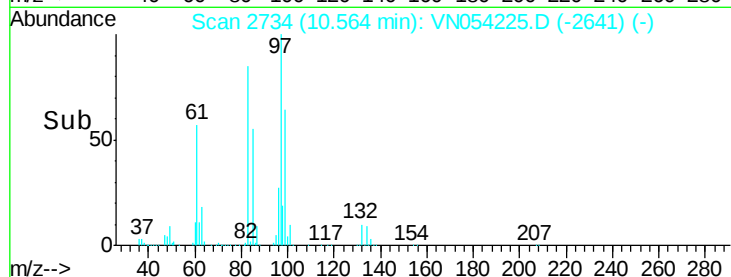
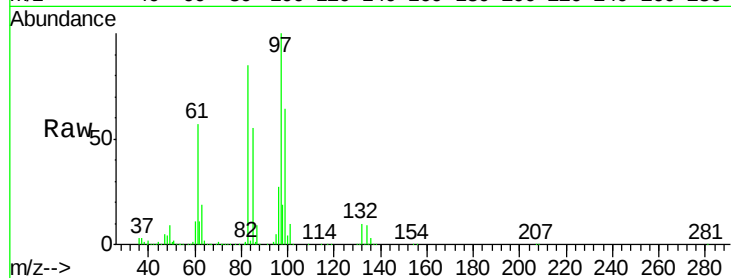




#55
 1,1,2-Trichloroethane
 Concen: 51.451 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN054225.D
 Acq: 13 Mar 2019 20:56

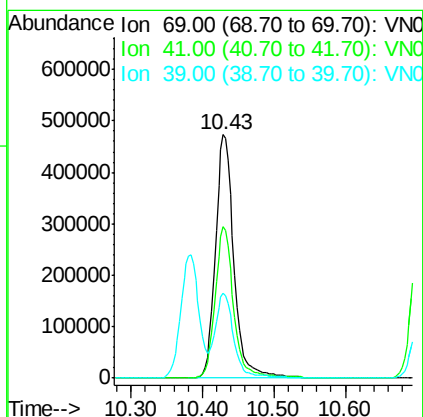
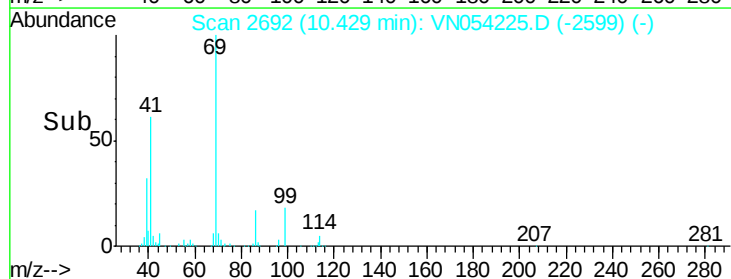
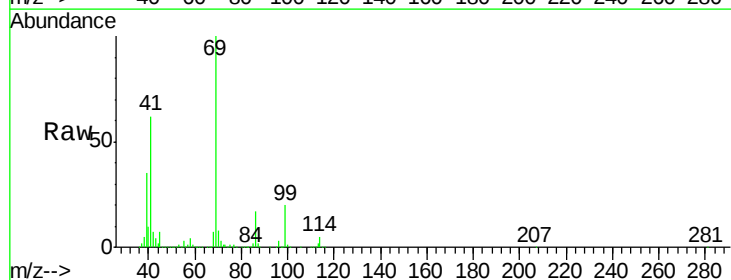
Instrument :
 MSVOA_N
 ClientSampled :

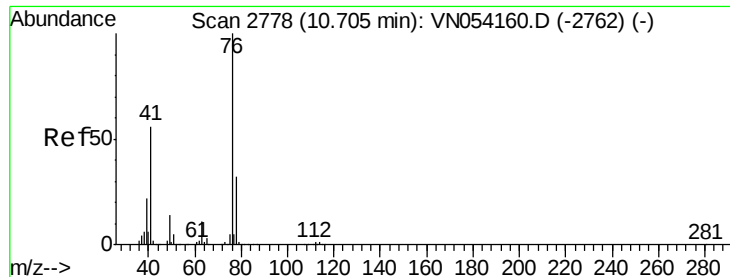
Tot Ion	Ratio	Lower	Upper
97	100		
83	85.4	66.6	100.0
85	55.4	44.4	66.6
99	63.3	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 53.978 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN054225.D
 Acq: 13 Mar 2019 20:56

Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.9	49.4	74.2
39	35.0	28.3	42.5

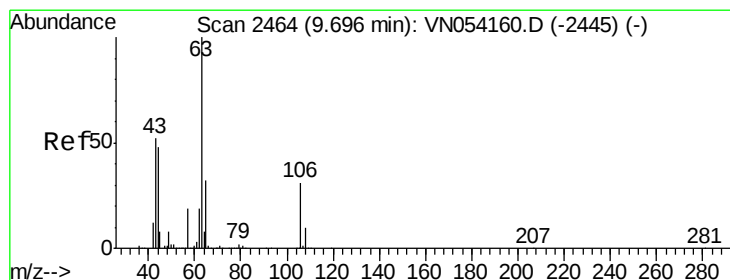
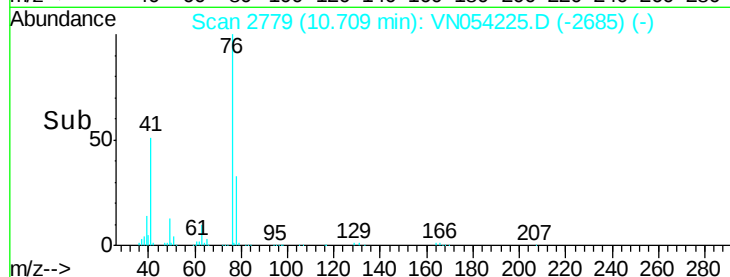
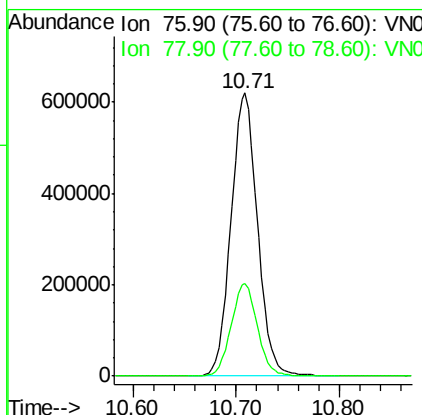
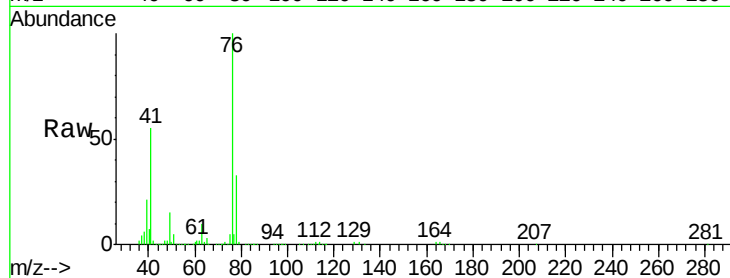




#57
 1,3-Dichloropropane
 Concen: 51.587 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN054225.D
 Acq: 13 Mar 2019 20:56

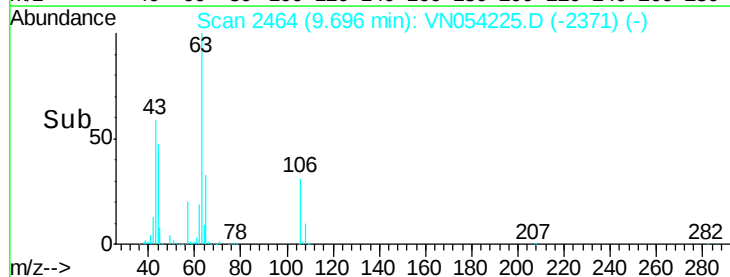
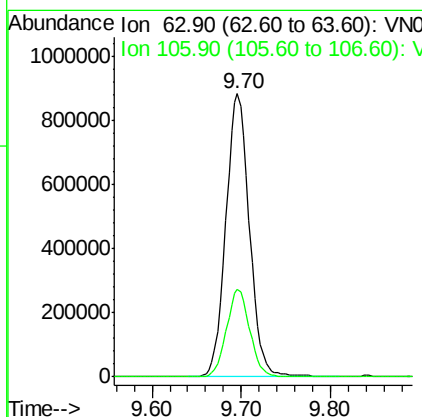
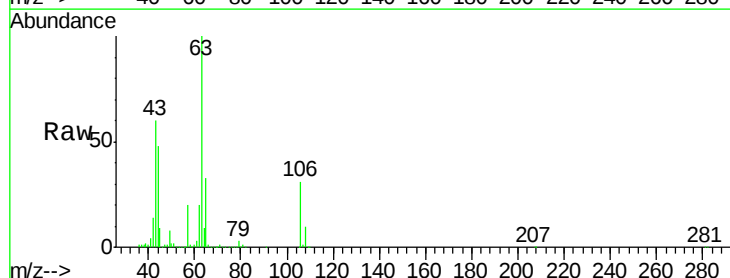
Instrument :
 MSVOA_N
 ClientSampled :

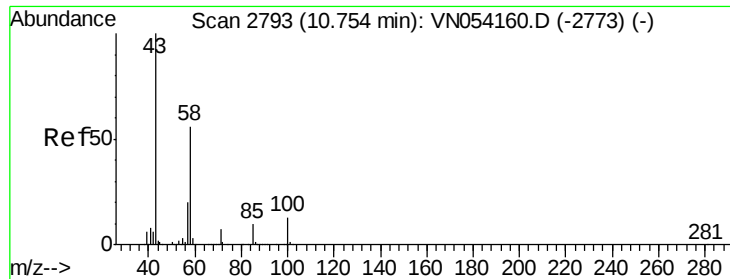
Tot Ion: 76 Resp: 1110978
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 238.128 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN054225.D
 Acq: 13 Mar 2019 20:56

Tgt Ion: 63 Resp: 1616591
 Ion Ratio Lower Upper
 63 100
 106 30.4 24.4 36.6

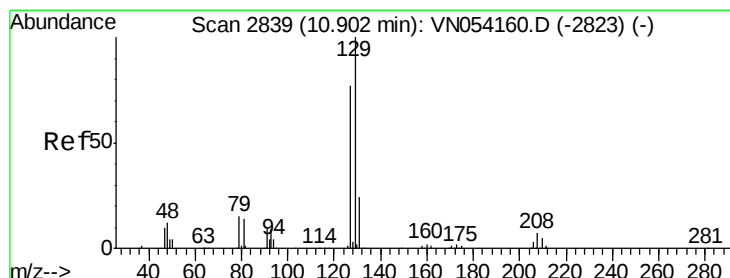
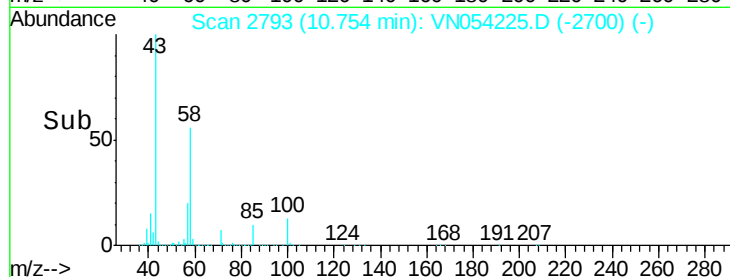
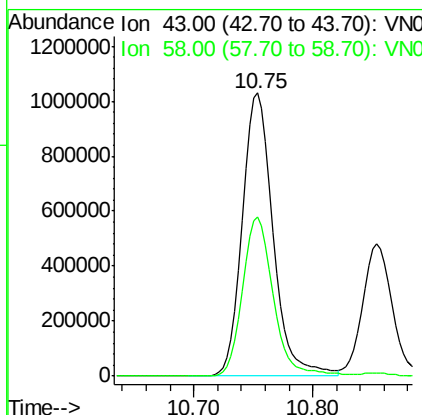
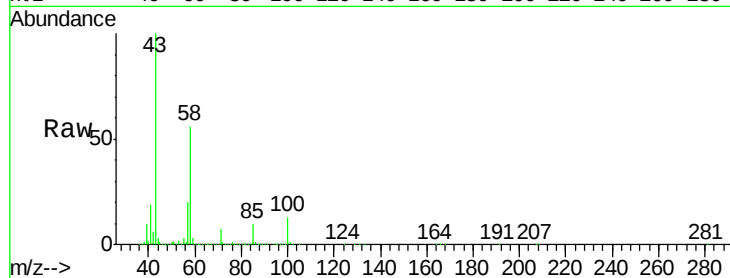




#59
2-Hexanone
Concen: 261.304 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN054225.D
Acq: 13 Mar 2019 20:56

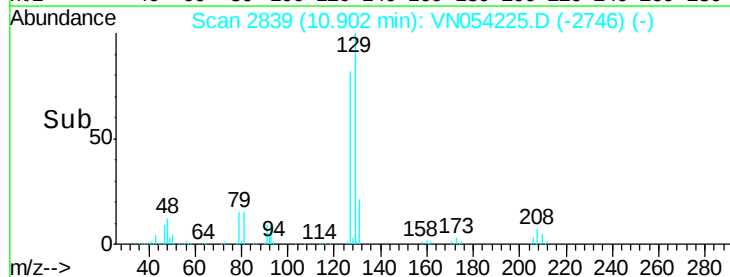
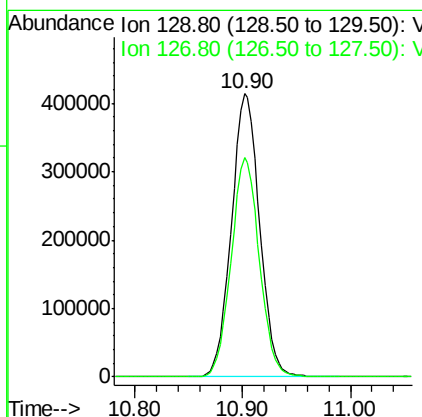
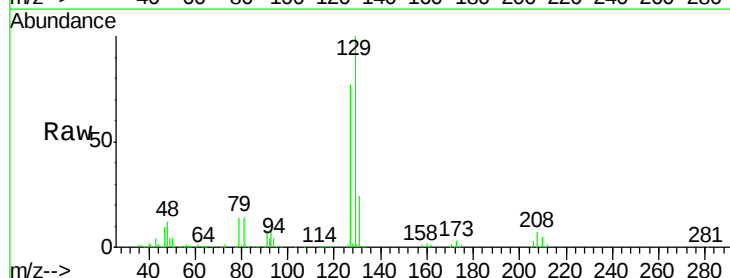
Instrument :
MSVOA_N
ClientSampled :

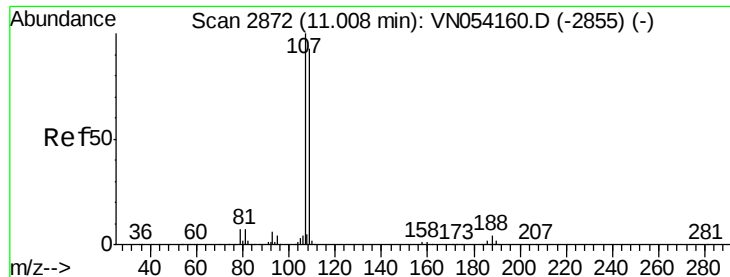
Tot Ion: 43 Resp: 1844862
Ion Ratio Lower Upper
43 100
58 56.2 28.0 83.9



#60
Dibromochloromethane
Concen: 50.978 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN054225.D
Acq: 13 Mar 2019 20:56

Tgt Ion: 129 Resp: 755719
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.8

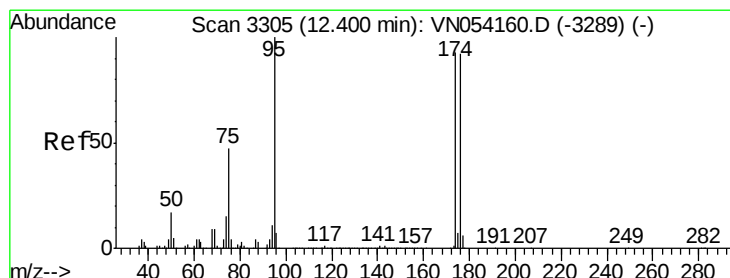
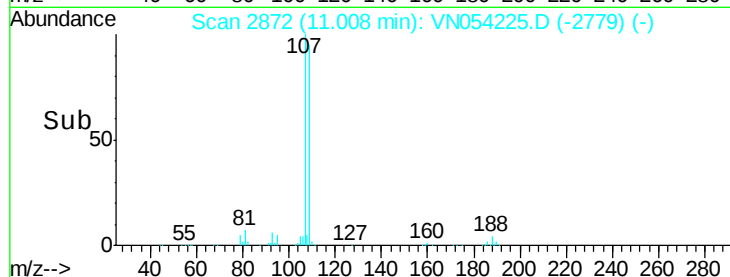
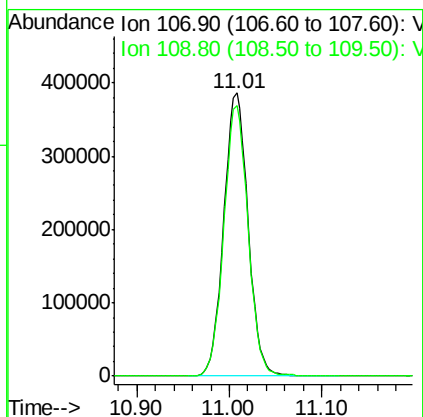
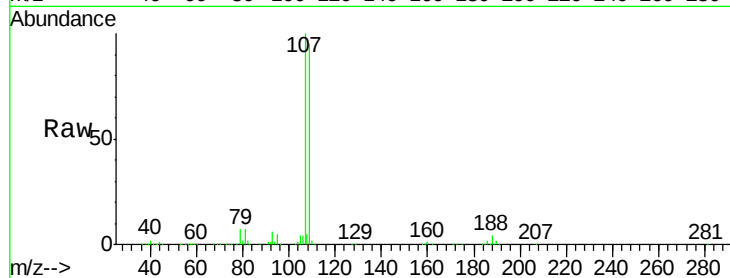




#61
 1,2-Dibromoethane
 Concen: 52.545 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN054225.D
 Acq: 13 Mar 2019 20:56

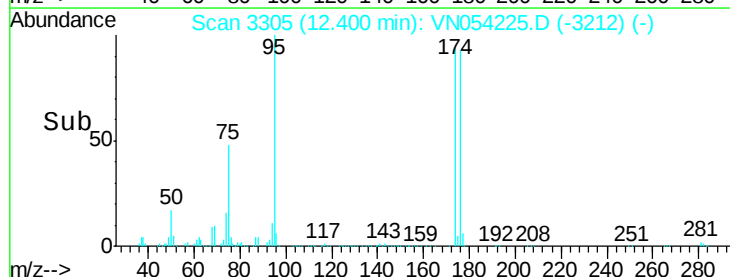
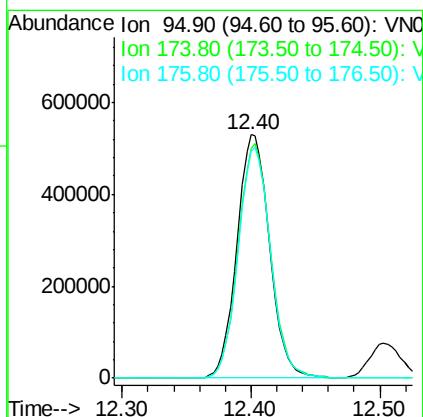
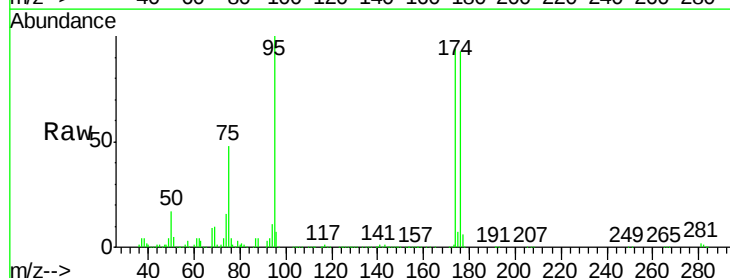
Instrument :
 MSVOA_N
 ClientSampleId :

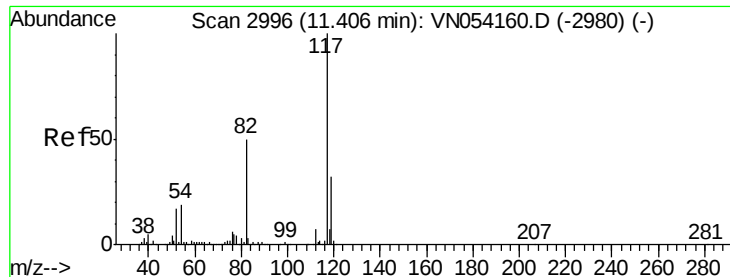
Tot Ion: 107 Resp: 703282
 Ion Ratio Lower Upper
 107 100
 109 95.7 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 51.914 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN054225.D
 Acq: 13 Mar 2019 20:56

Tgt Ion: 95 Resp: 934000
 Ion Ratio Lower Upper
 95 100
 174 96.0 0.0 191.0
 176 94.1 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: VN054225.D

Acq: 13 Mar 2019 20:56

Instrument :

MSVOA_N

ClientSampled :

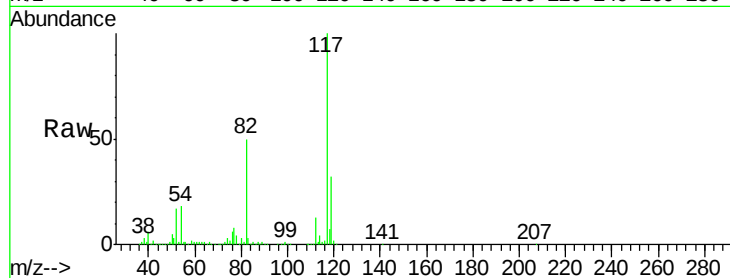
Tot Ion:117 Resp: 1936270

Ion Ratio Lower Upper

117 100

82 49.9 40.0 60.0

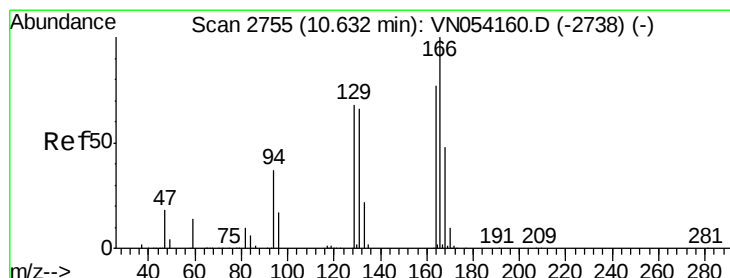
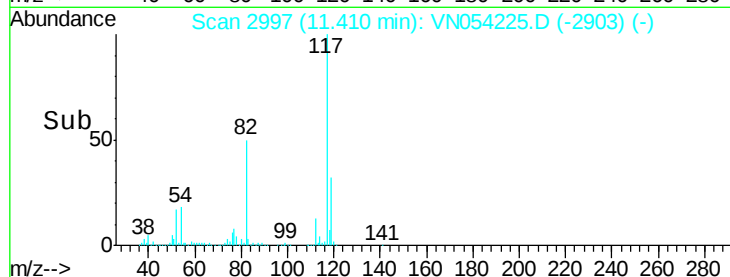
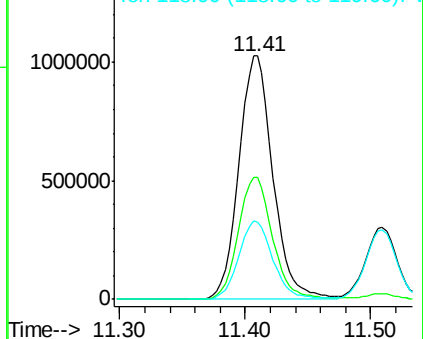
119 32.0 25.8 38.6



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: 46.151 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN054225.D

Acq: 13 Mar 2019 20:56

Tgt Ion:164 Resp: 863989

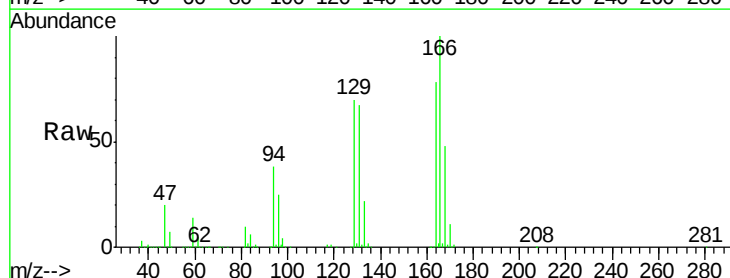
Ion Ratio Lower Upper

164 100

166 128.8 103.9 155.9

129 90.0 71.1 106.7

131 86.4 68.2 102.4

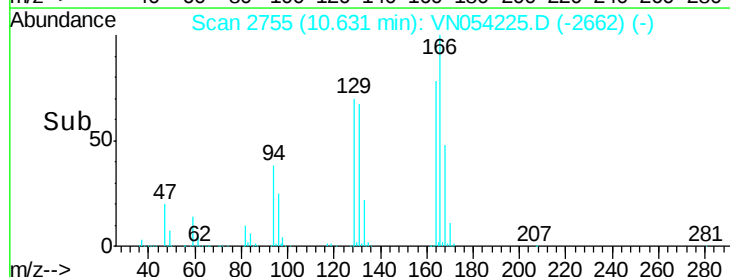
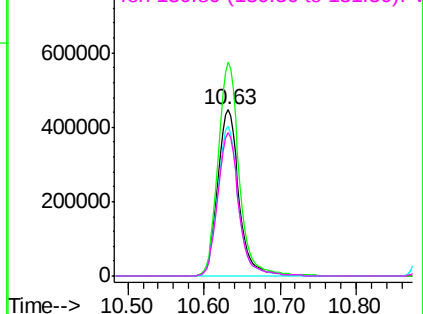


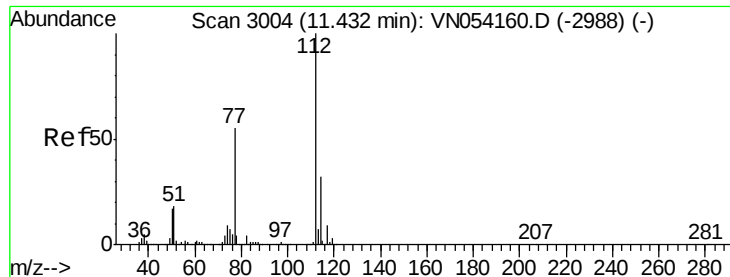
Abundance Ion 163.80 (163.50 to 164.50): V

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

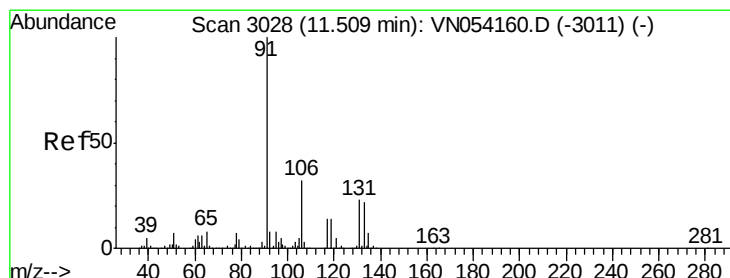
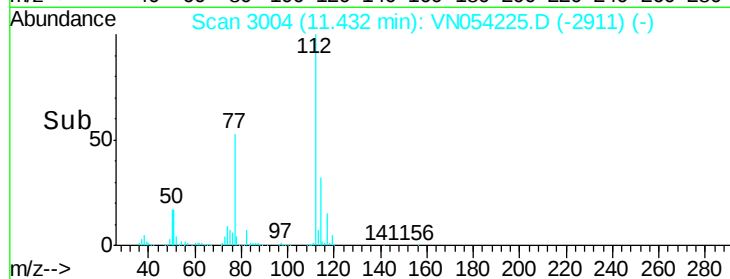
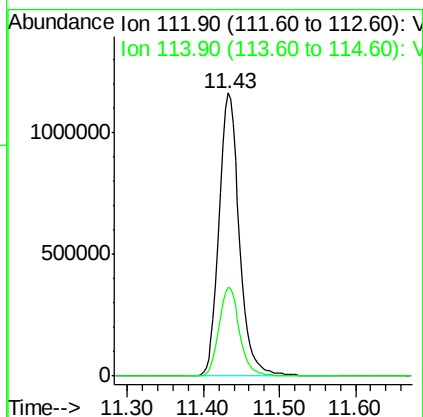
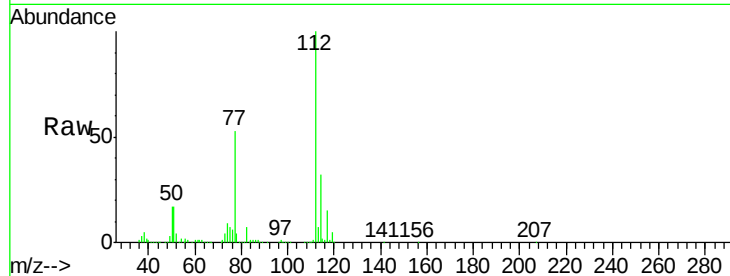




#65
Chlorobenzene
Concen: 50.648 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN054225.D
Acq: 13 Mar 2019 20:56

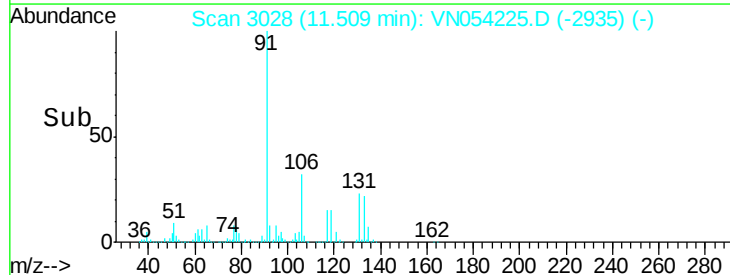
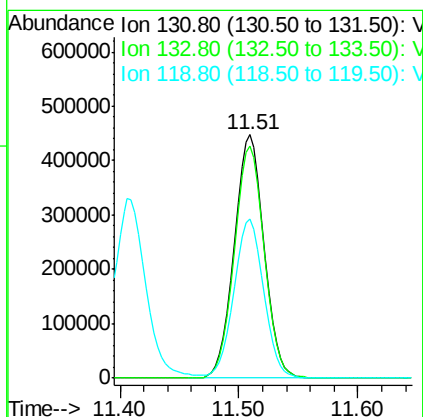
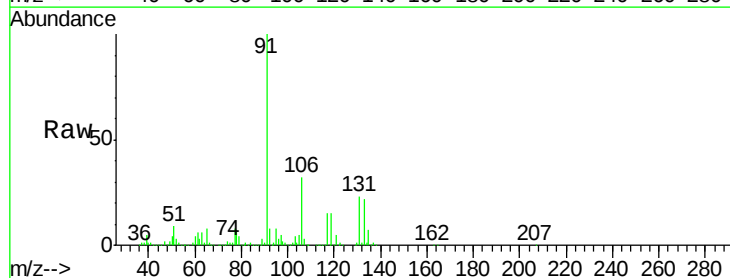
Instrument :
MSVOA_N
ClientSampled :

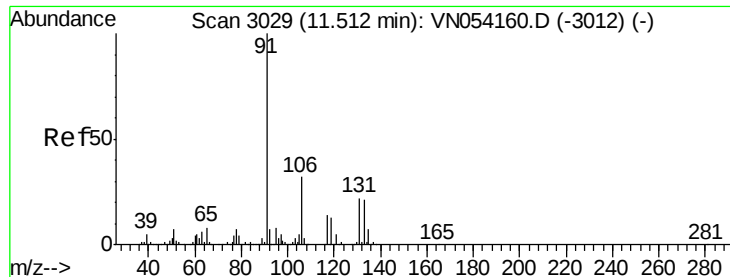
Tot Ion:112 Resp: 2153335
Ion Ratio Lower Upper
112 100
114 31.5 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.164 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054225.D
Acq: 13 Mar 2019 20:56

Tgt Ion:131 Resp: 774766
Ion Ratio Lower Upper
131 100
133 96.0 47.6 142.9
119 65.8 32.4 97.0





#67

Ethyl Benzene

Concen: 50.021 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN054225.D

Acq: 13 Mar 2019 20:56

Instrument :

MSVOA_N

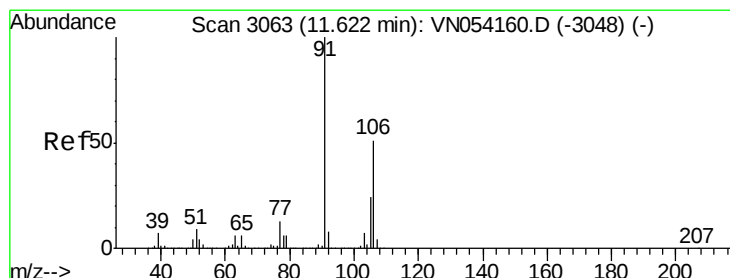
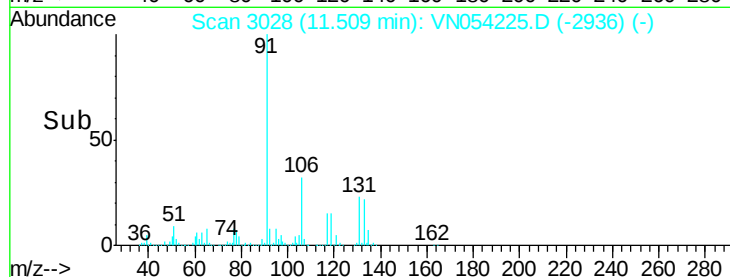
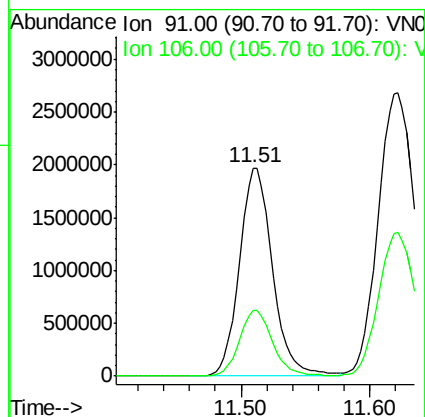
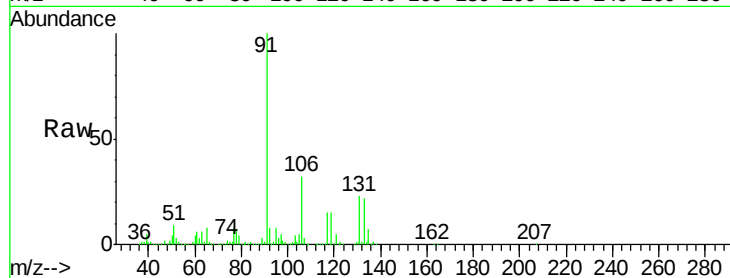
ClientSampled :

Tot Ion: 91 Resp: 3525292

Ion Ratio Lower Upper

91 100

106 31.9 25.5 38.3



#68

m/p-Xylenes

Concen: 100.881 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN054225.D

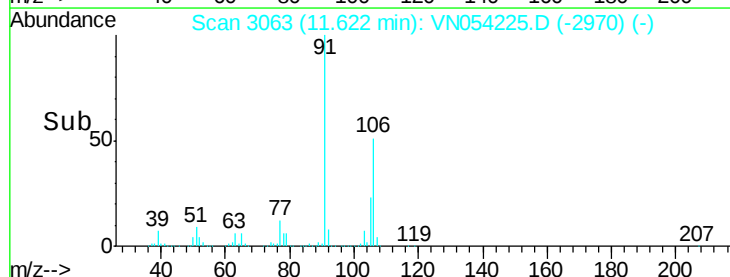
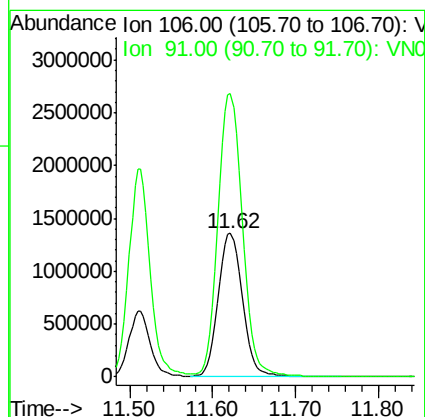
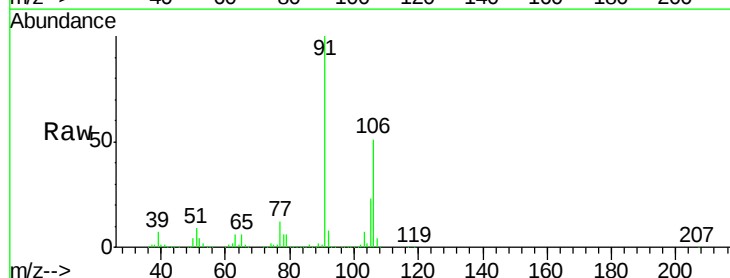
Acq: 13 Mar 2019 20:56

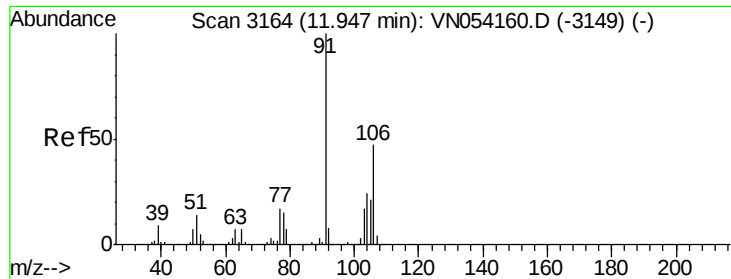
Tgt Ion: 106 Resp: 2778809

Ion Ratio Lower Upper

106 100

91 198.2 159.4 239.2

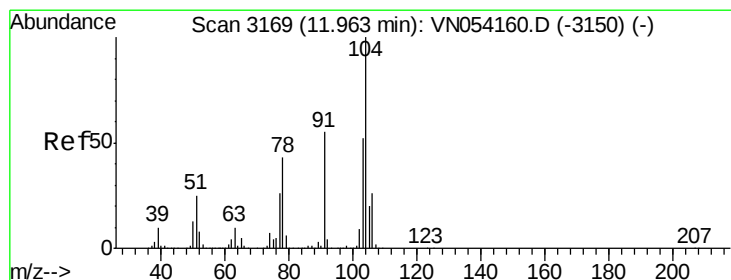
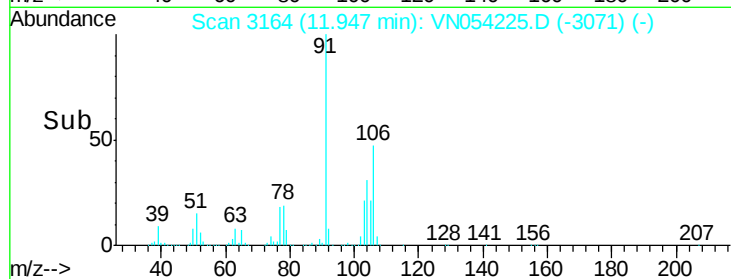
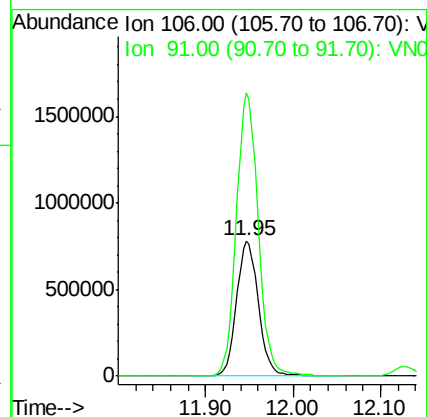
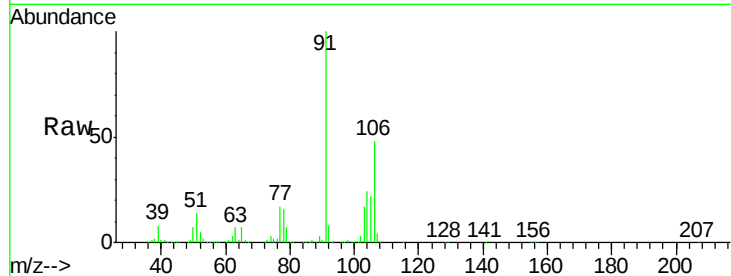




#69
o-Xylene
Concen: 50.632 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054225.D
Acq: 13 Mar 2019 20:56

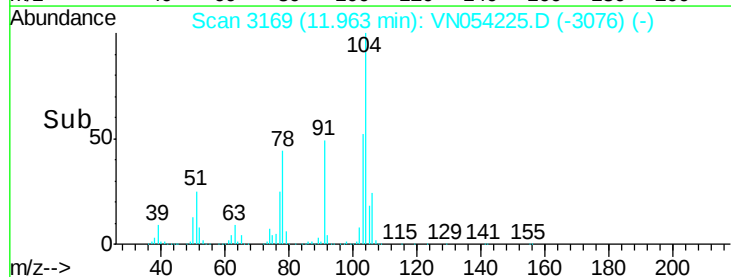
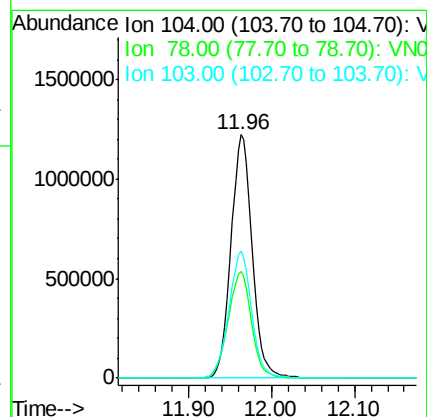
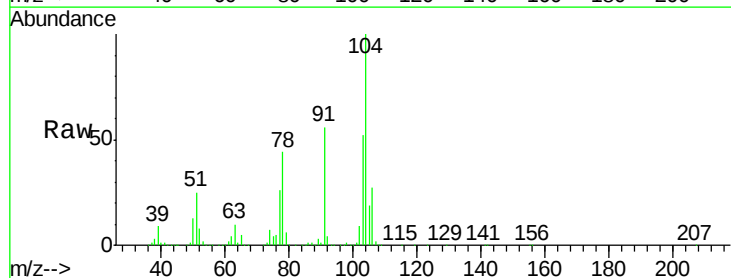
Instrument :
MSVOA_N
ClientSampled :

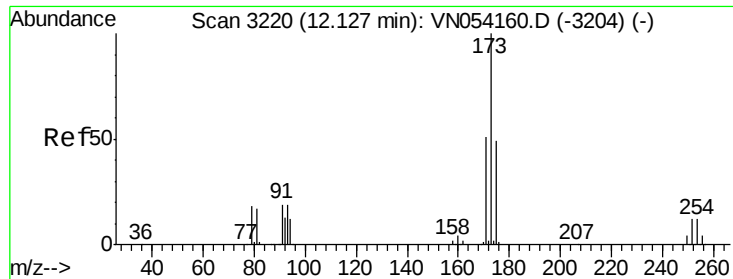
Tot Ion:106 Resp: 1359572
Ion Ratio Lower Upper
106 100
91 208.6 105.7 317.1



#70
Styrene
Concen: 51.514 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN054225.D
Acq: 13 Mar 2019 20:56

Tgt Ion:104 Resp: 2169408
Ion Ratio Lower Upper
104 100
78 48.0 38.2 57.2
103 56.0 44.4 66.6

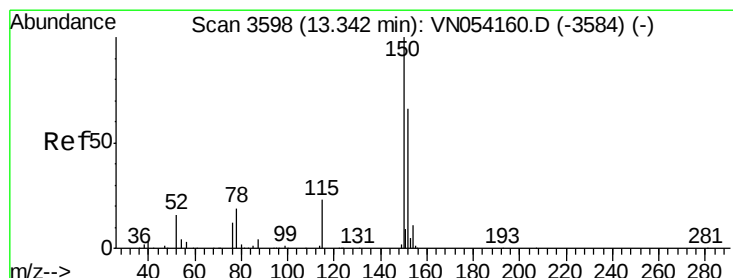
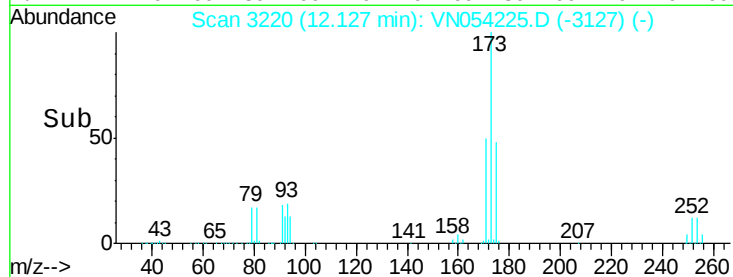
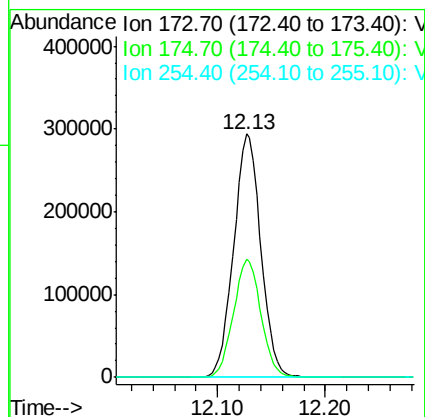
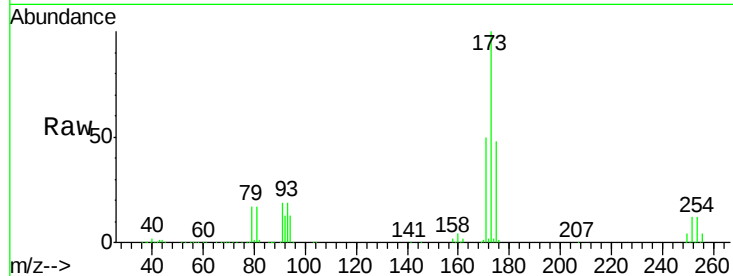




#71
Bromoform
Concen: 44.085 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN054225.D
Acq: 13 Mar 2019 20:56

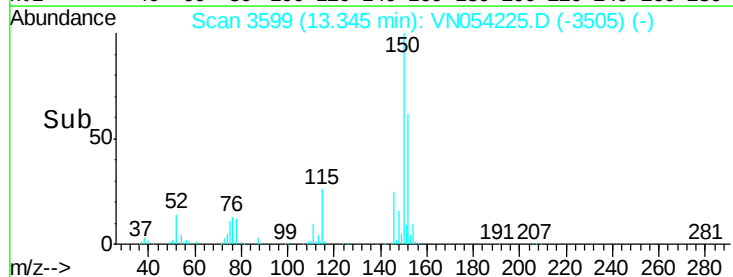
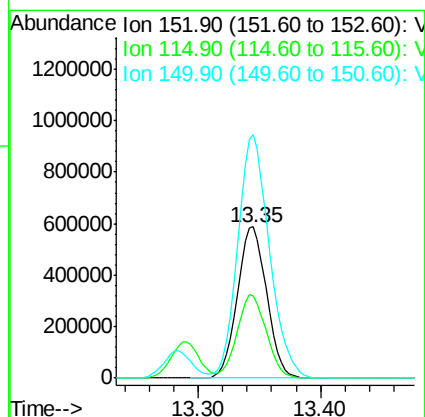
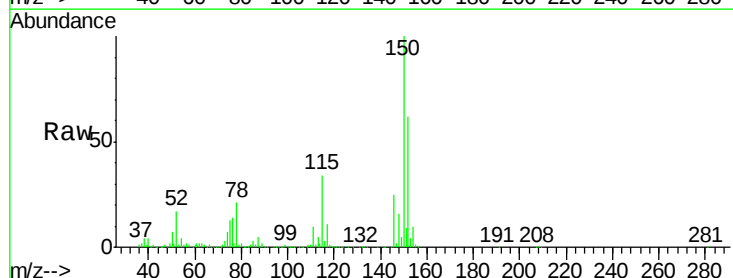
Instrument :
MSVOA_N
ClientSampled :

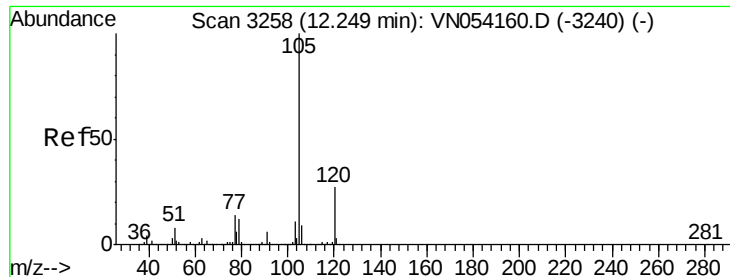
Tot Ion:173 Resp: 515597
Ion Ratio Lower Upper
173 100
175 49.1 24.4 73.2
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054225.D
Acq: 13 Mar 2019 20:56

Tgt Ion:152 Resp: 972789
Ion Ratio Lower Upper
152 100
115 54.8 27.2 81.6
150 174.2 0.0 349.2





#73

Isopropylbenzene

Concen: 45.746 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054225.D

Acq: 13 Mar 2019 20:56

Instrument :

MSVOA_N

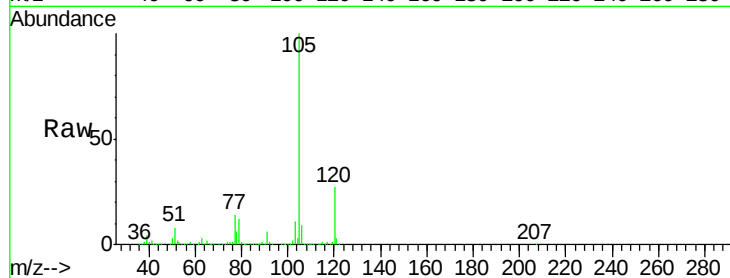
ClientSampleId :

Tot Ion:105 Resp: 3560374

Ion Ratio Lower Upper

105 100

120 27.5 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2500000

2000000

1500000

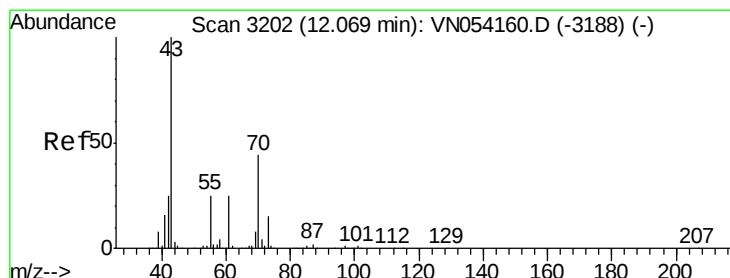
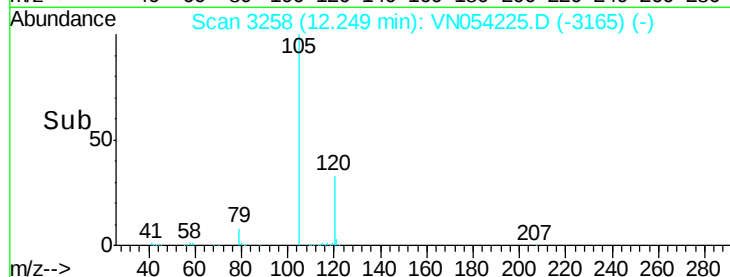
1000000

500000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 49.585 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN054225.D

Acq: 13 Mar 2019 20:56

Tgt Ion: 43 Resp: 856610

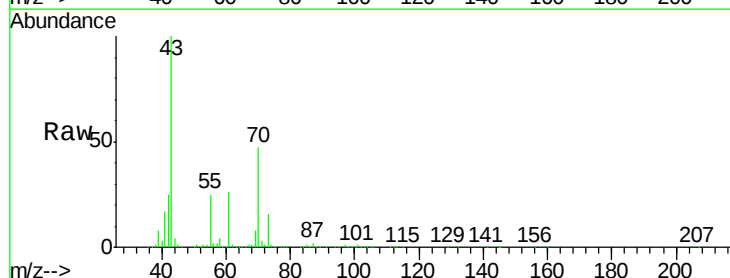
Ion Ratio Lower Upper

43 100

70 45.9 35.4 53.0

55 25.3 19.8 29.6

61 25.7 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

800000

600000

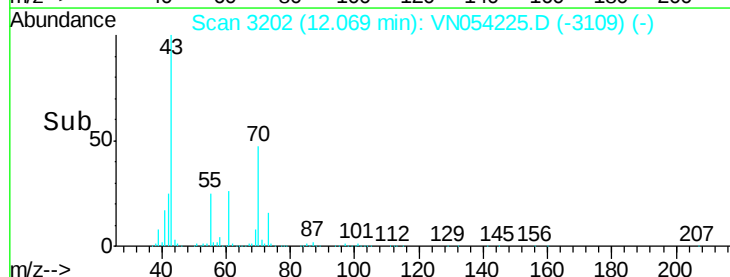
400000

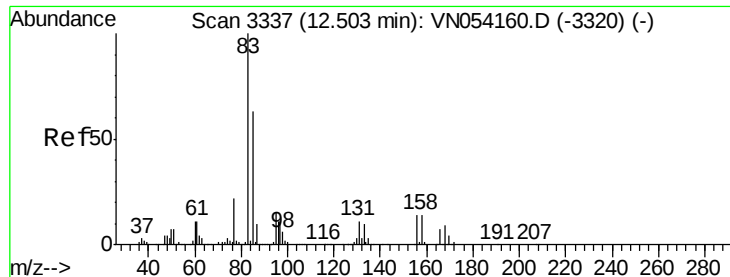
200000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 48.597 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054225.D

Acq: 13 Mar 2019 20:56

Instrument :

MSVOA_N

ClientSampleId :

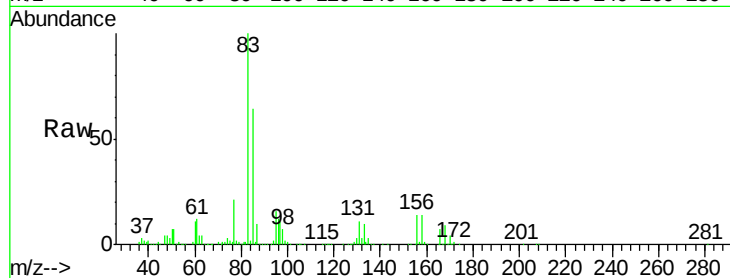
Tot Ion: 83 Resp: 805833

Ion Ratio Lower Upper

83 100

131 11.6 5.8 17.4

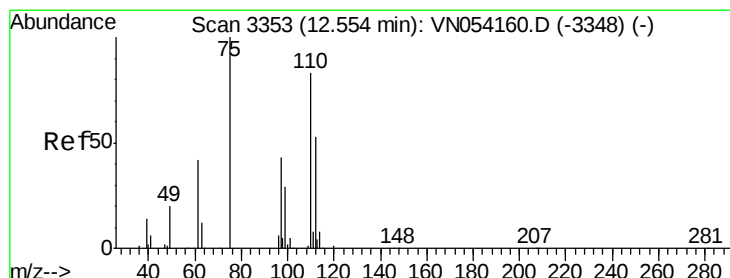
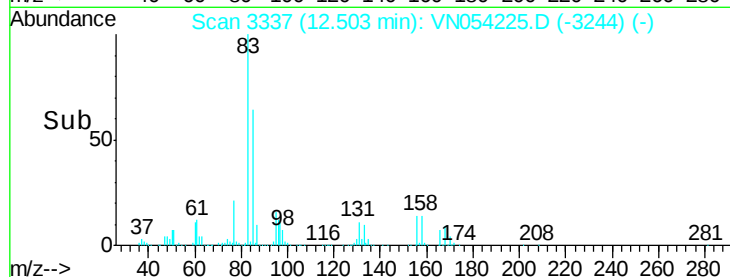
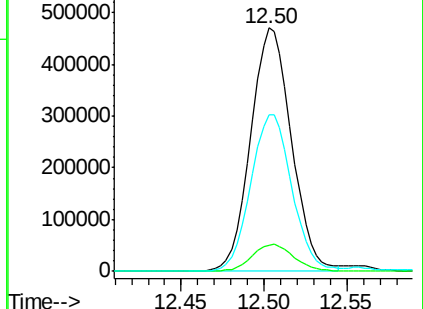
85 64.9 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VN054225.D (-3320) (-)

Ion 130.80 (130.50 to 131.50): VN054225.D (-3320) (-)

Ion 84.90 (84.60 to 85.60): VN054225.D (-3320) (-)



#76

1,2,3-Trichloropropane

Concen: 67.959 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN054225.D

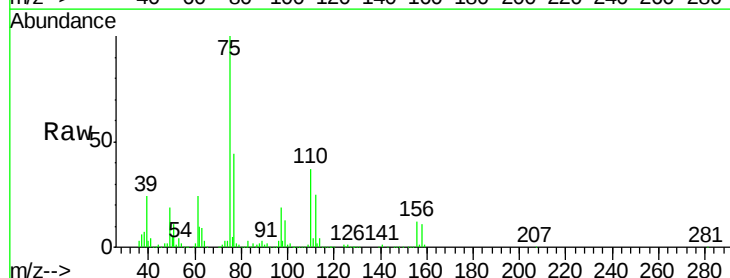
Acq: 13 Mar 2019 20:56

Tgt Ion: 75 Resp: 972172

Ion Ratio Lower Upper

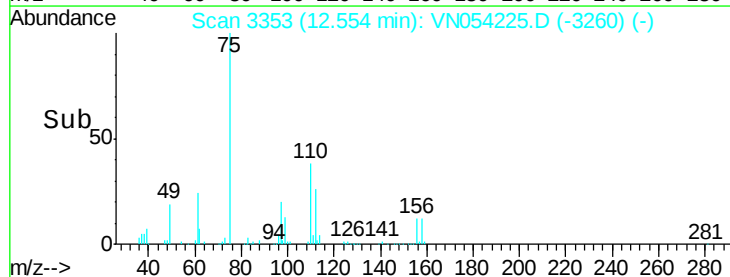
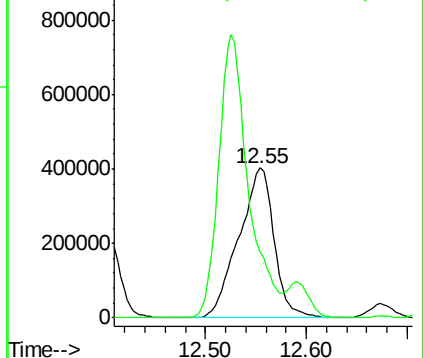
75 100

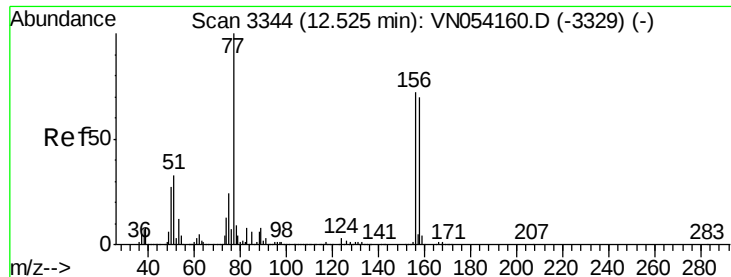
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN054225.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN054225.D (-3348) (-)





#77

Bromobenzene

Concen: 48.310 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN054225.D

Acq: 13 Mar 2019 20:56

Instrument :

MSVOA_N

ClientSampleId :

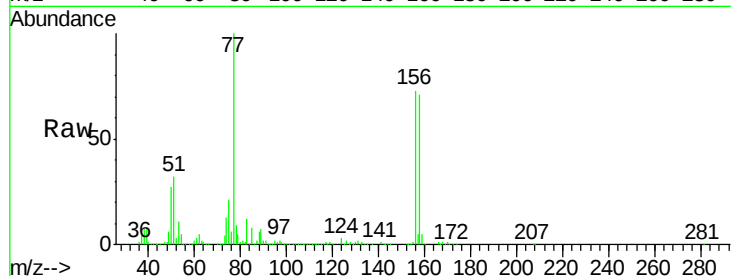
Tot Ion:156 Resp: 994937

Ion Ratio Lower Upper

156 100

77 157.5 81.5 244.4

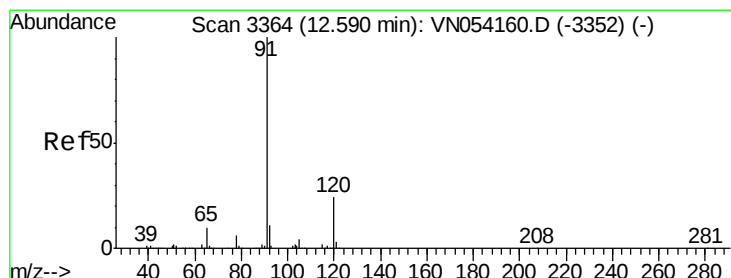
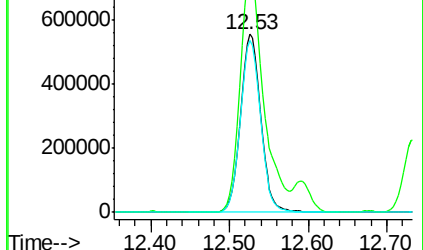
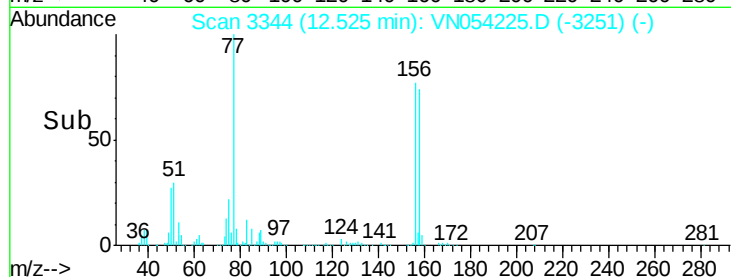
158 96.1 49.0 147.2



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: 46.974 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN054225.D

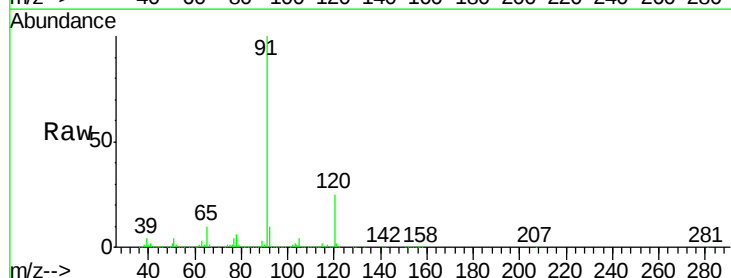
Acq: 13 Mar 2019 20:56

Tgt Ion: 91 Resp: 3966934

Ion Ratio Lower Upper

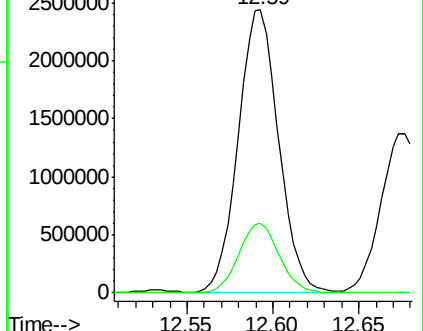
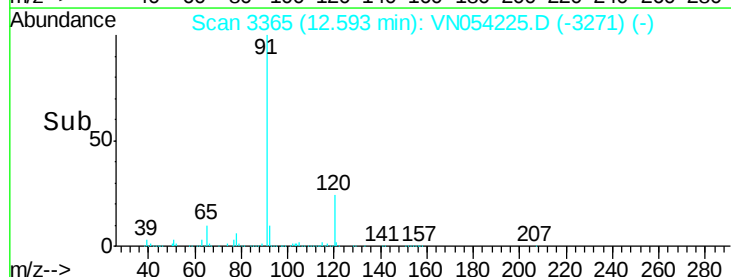
91 100

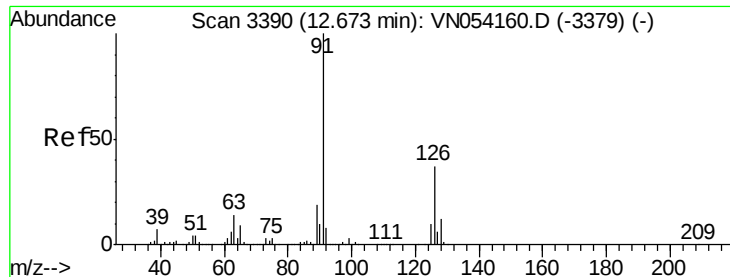
120 24.9 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

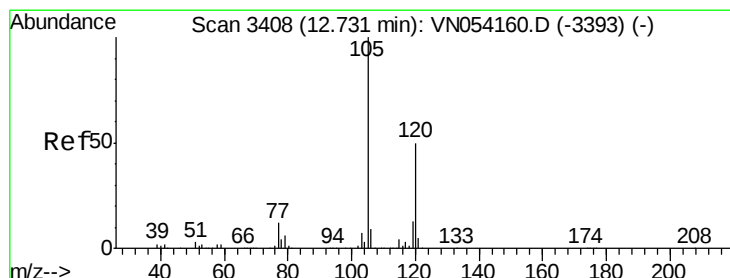
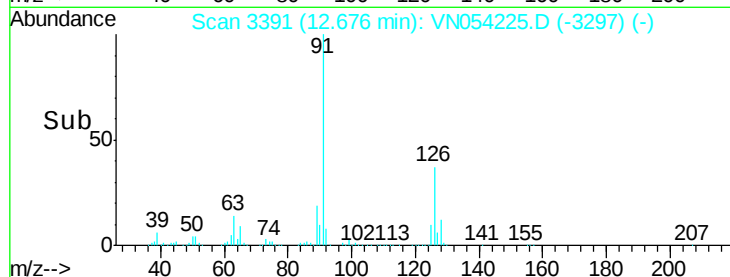
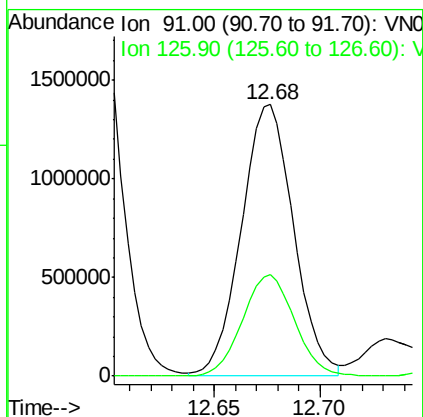
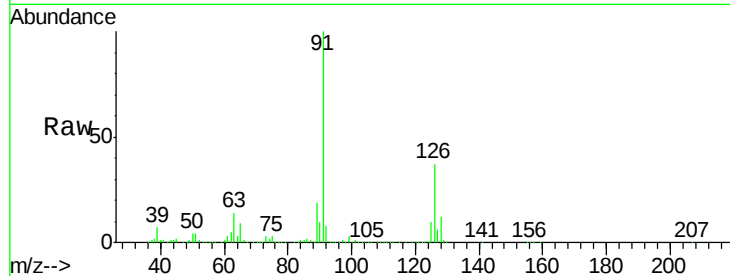




#79
 2-Chlorotoluene
 Concen: 46.342 ug/l
 RT: 12.68 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VN054225.D
 Acq: 13 Mar 2019 20:56

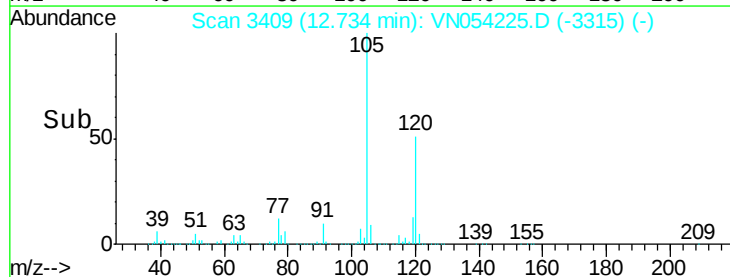
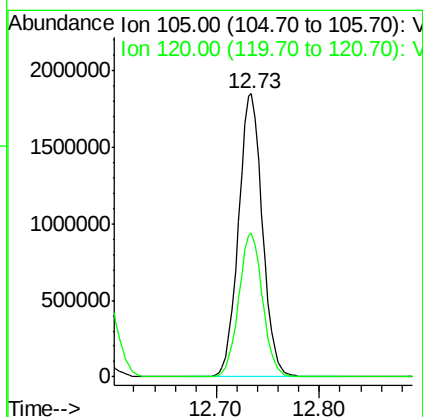
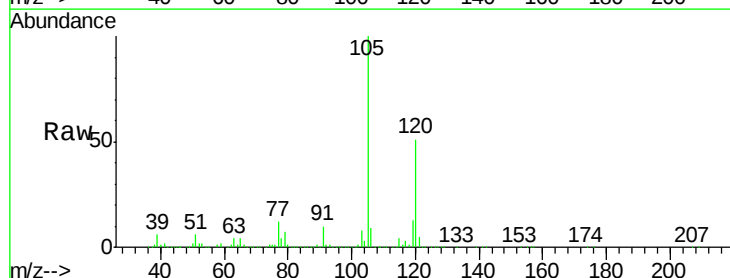
Instrument :
 MSVOA_N
 ClientSampled :

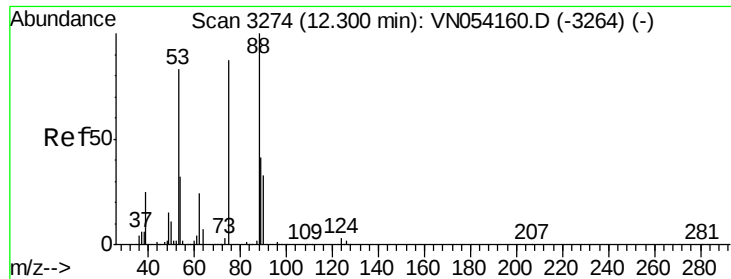
Tot Ion: 91 Resp: 2353092
 Ion Ratio Lower Upper
 91 100
 126 37.7 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 46.012 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN054225.D
 Acq: 13 Mar 2019 20:56

Tgt Ion: 105 Resp: 2978695
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.0 75.0

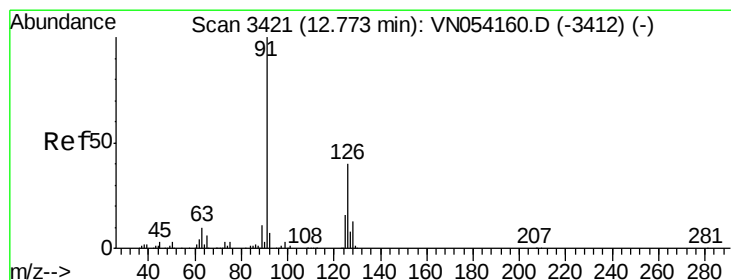
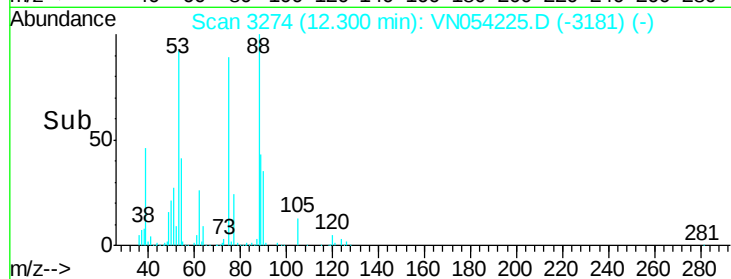
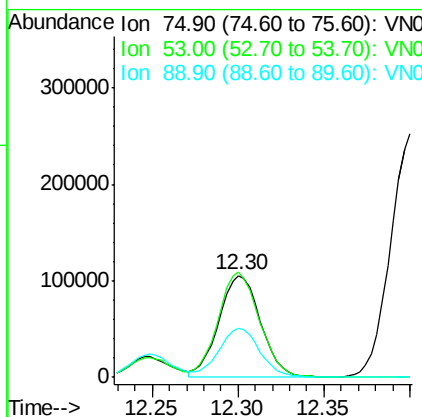
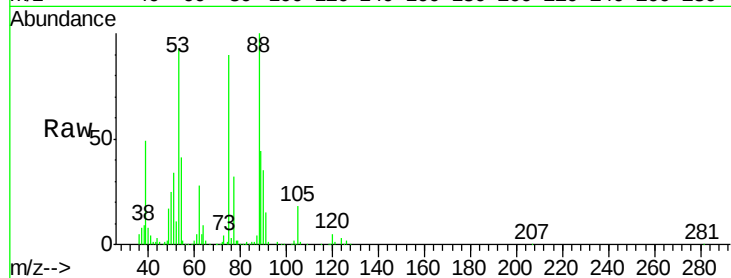




#81
trans-1,4-Dichloro-2-butene
Concen: 42.367 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN054225.D
Acq: 13 Mar 2019 20:56

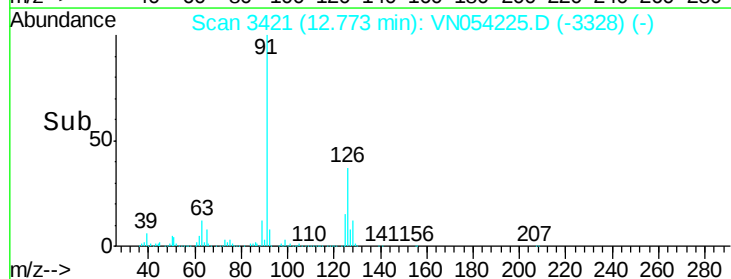
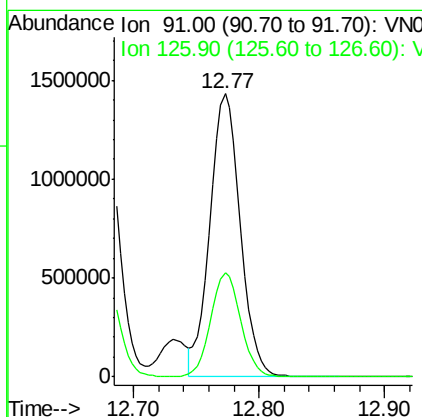
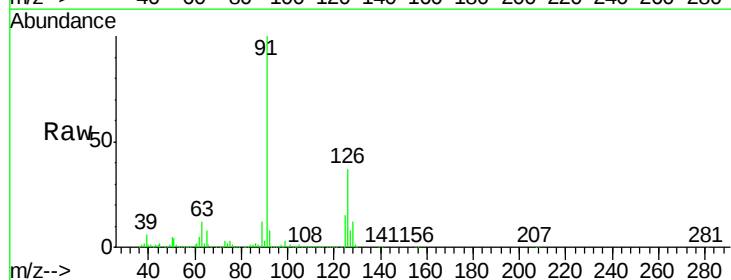
Instrument :
MSVOA_N
ClientSampleId :

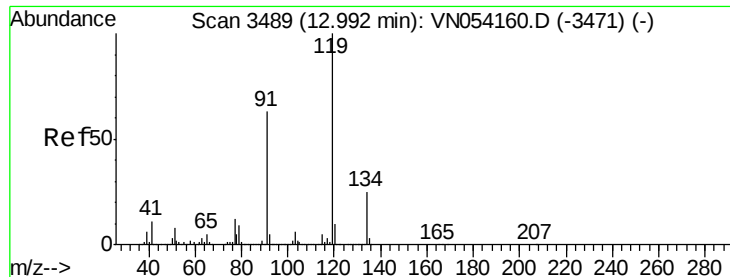
Tot Ion: 75 Resp: 177293
Ion Ratio Lower Upper
75 100
53 102.7 76.2 114.2
89 48.5 39.2 58.8



#82
4-Chlorotoluene
Concen: 47.479 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN054225.D
Acq: 13 Mar 2019 20:56

Tgt Ion: 91 Resp: 2407327
Ion Ratio Lower Upper
91 100
126 36.5 18.1 54.1

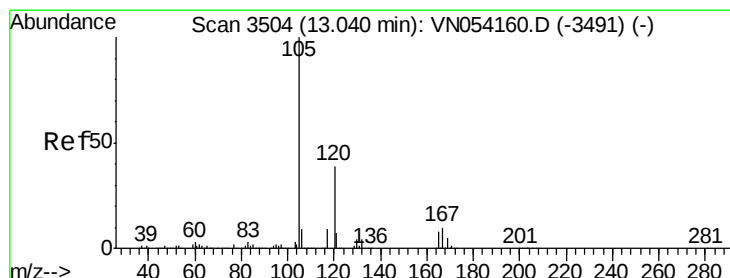
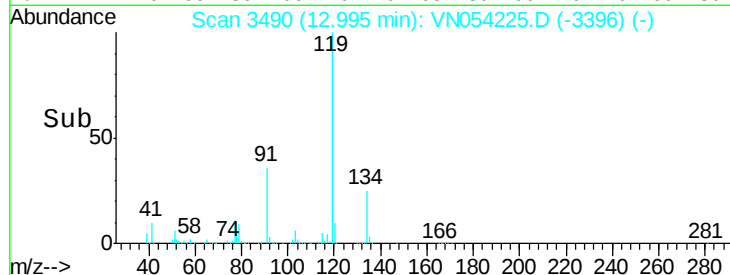
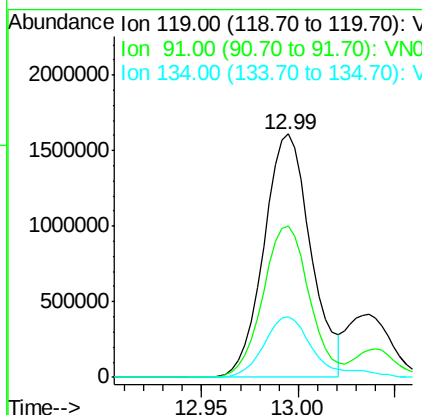
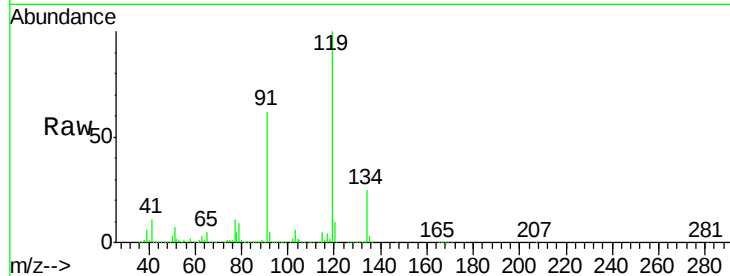




#83
 tert-Butylbenzene
 Concen: 45.703 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN054225.D
 Acq: 13 Mar 2019 20:56

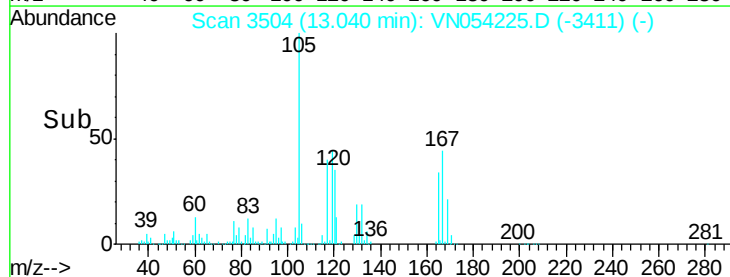
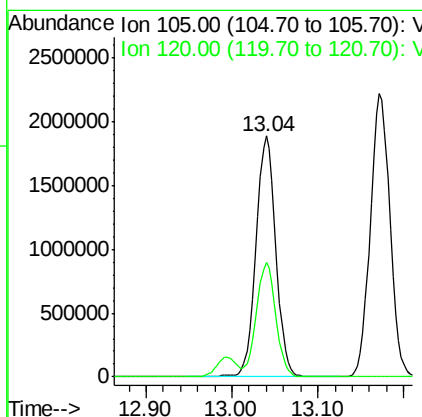
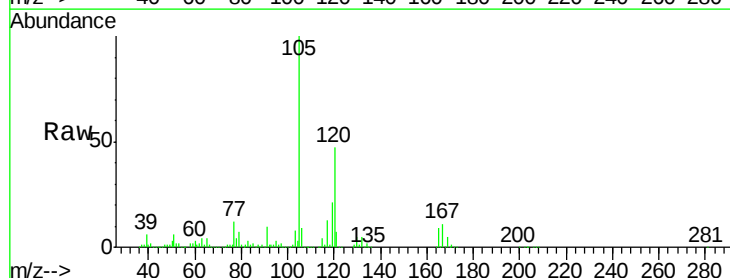
Instrument :
 MSVOA_N
 ClientSampleId :

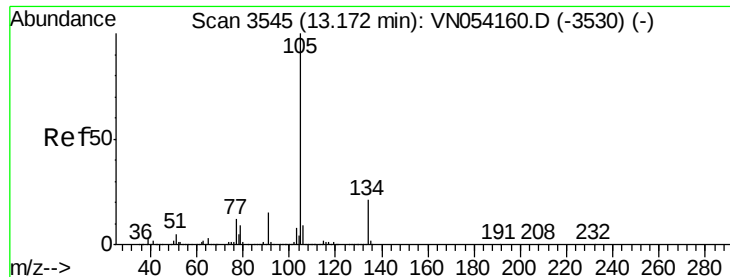
Tot Ion:119 Resp: 2723330
 Ion Ratio Lower Upper
 119 100
 91 61.8 30.9 92.8
 134 26.6 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 47.698 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054225.D
 Acq: 13 Mar 2019 20:56

Tgt Ion:105 Resp: 3029308
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.4 70.3





#85

sec-Butylbenzene

Concen: 45.796 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN054225.D

Acq: 13 Mar 2019 20:56

Instrument :

MSVOA_N

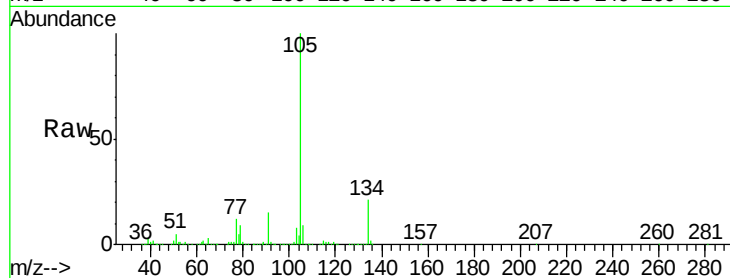
ClientSampleId :

Tot Ion:105 Resp: 3538921

Ion Ratio Lower Upper

105 100

134 21.4 10.7 32.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

2500000

2000000

1500000

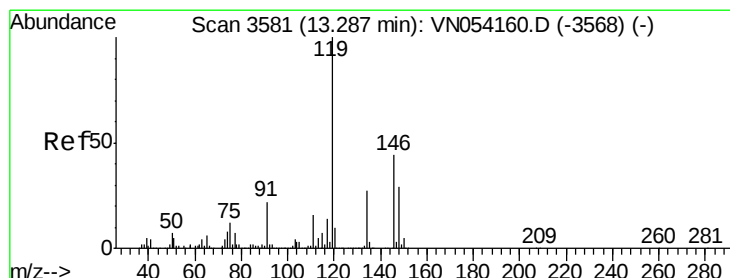
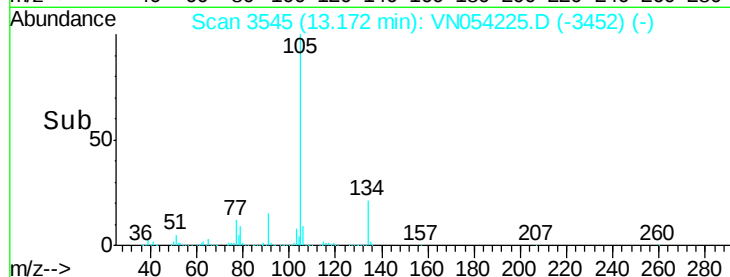
1000000

500000

0

13.10 13.20

Time-->



#86

p-Isopropyltoluene

Concen: 46.394 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN054225.D

Acq: 13 Mar 2019 20:56

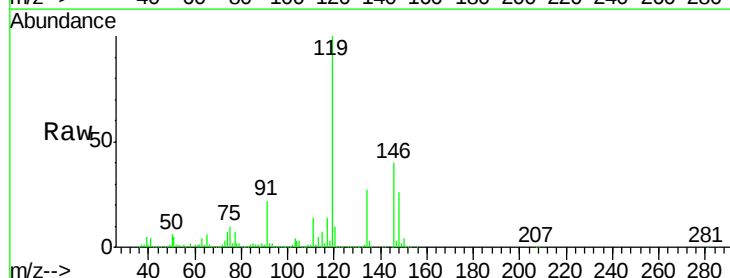
Tgt Ion:119 Resp: 3145274

Ion Ratio Lower Upper

119 100

134 27.4 13.6 40.8

91 22.0 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

2500000

2000000

1500000

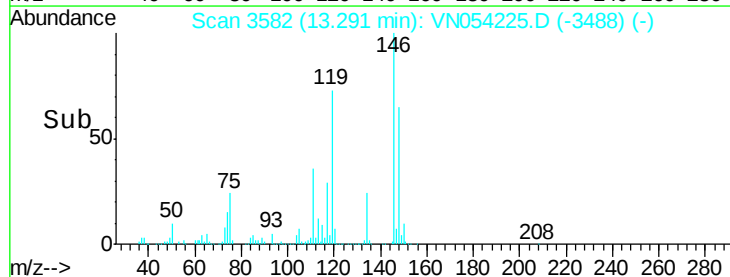
1000000

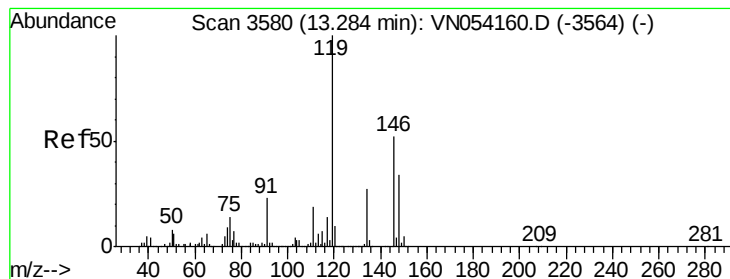
500000

0

13.20 13.25 13.30 13.35

Time-->





#87

1,3-Dichlorobenzene

Concen: 48.723 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN054225.D

Acq: 13 Mar 2019 20:56

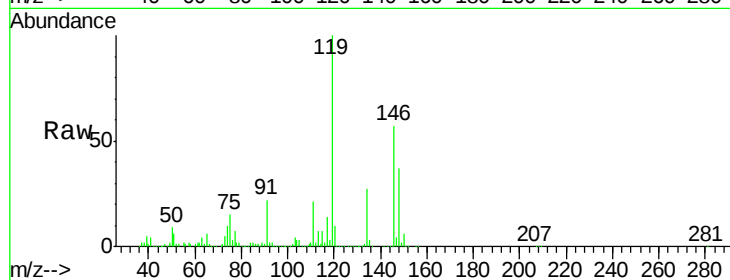
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:146 Resp: 1690832

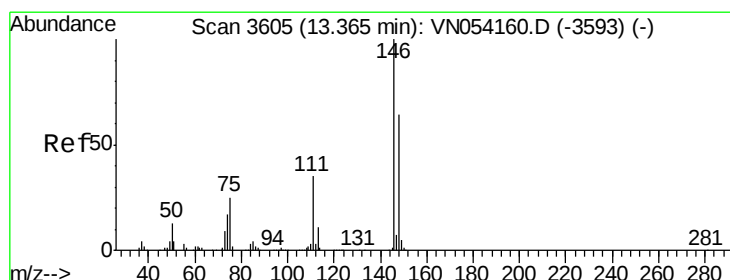
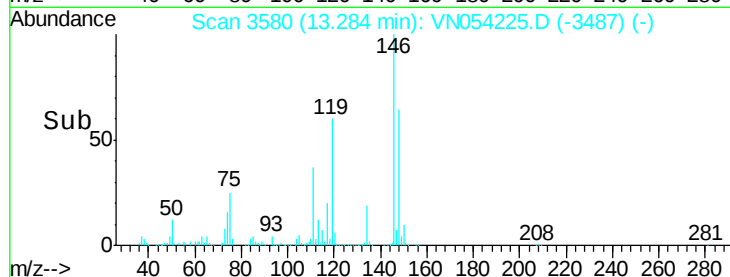
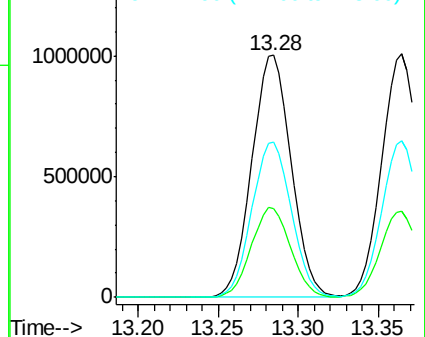
Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.8	56.3
148	64.4	32.2	96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.862 ug/l

RT: 13.36 min Scan# 3605

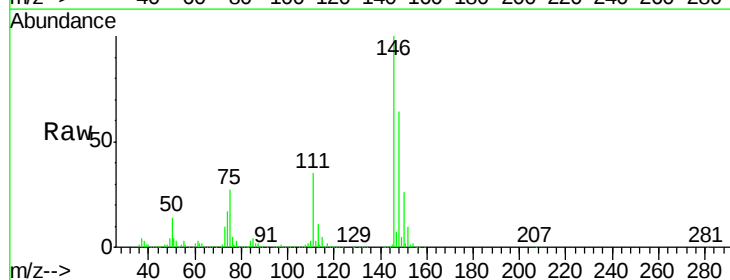
Delta R.T. 0.00 min

Lab File: VN054225.D

Acq: 13 Mar 2019 20:56

Tgt Ion:146 Resp: 1665761

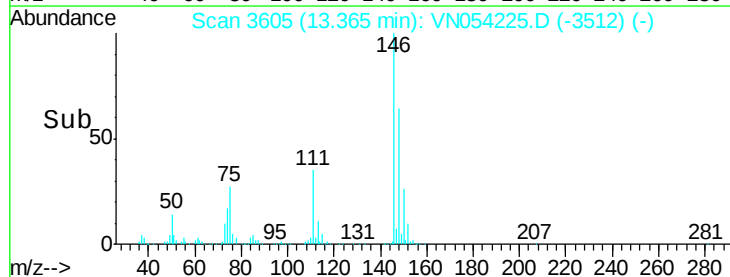
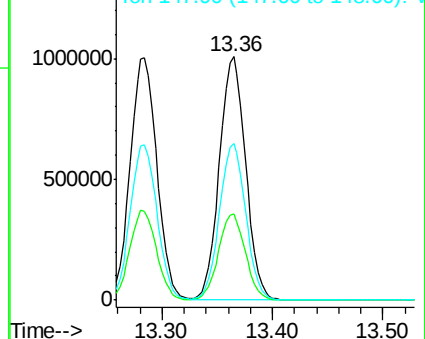
Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.1	54.1
148	64.3	32.0	96.0

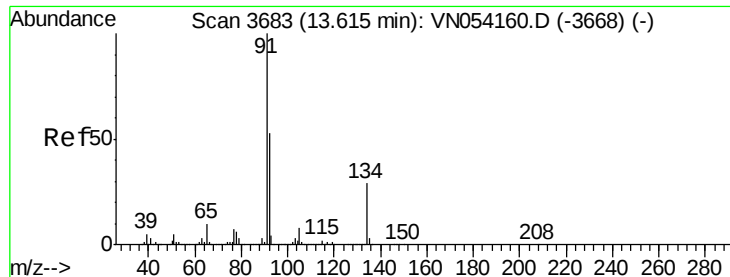


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 48.949 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN054225.D

Acq: 13 Mar 2019 20:56

Instrument :

MSVOA_N

ClientSampleId :

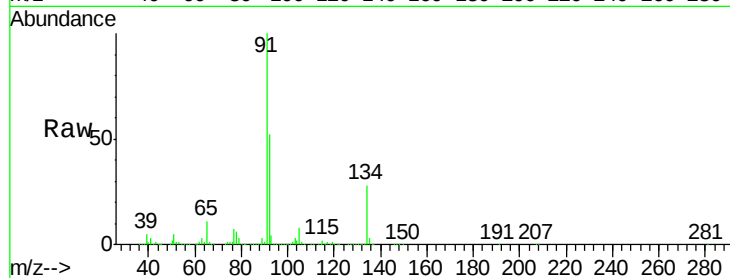
Tot Ion: 91 Resp: 2521403

Ion Ratio Lower Upper

91 100

92 52.0 26.2 78.6

134 28.6 14.3 42.9

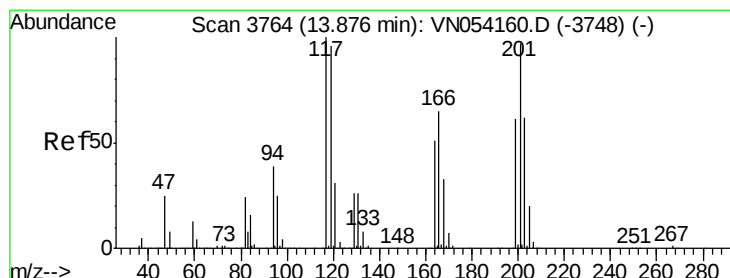
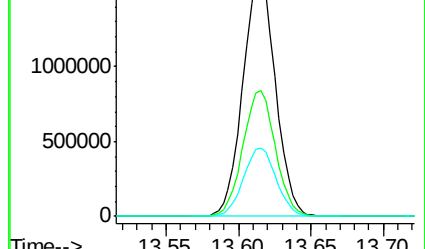
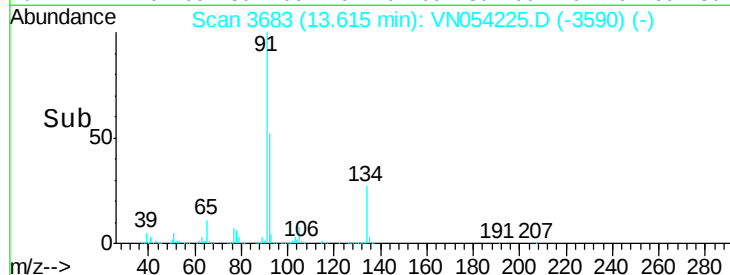


Abundance Ion 91.00 (90.70 to 91.70): VN054160.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN054160.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN054160.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 44.391 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN054225.D

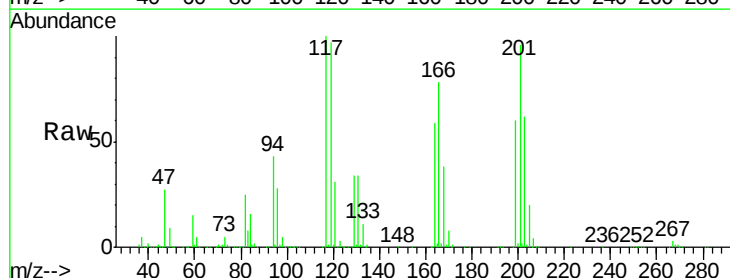
Acq: 13 Mar 2019 20:56

Tgt Ion: 117 Resp: 498319

Ion Ratio Lower Upper

117 100

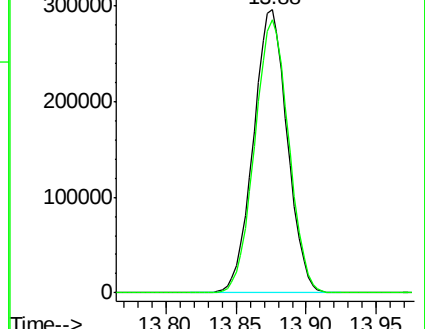
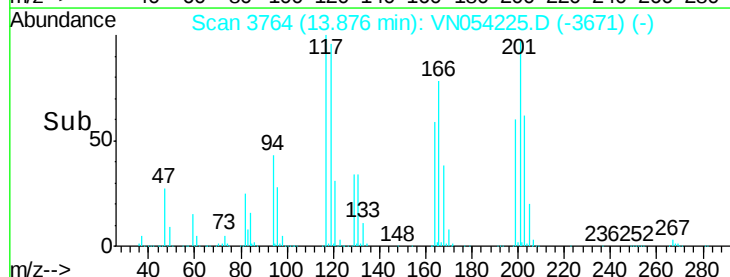
201 96.6 48.1 144.4

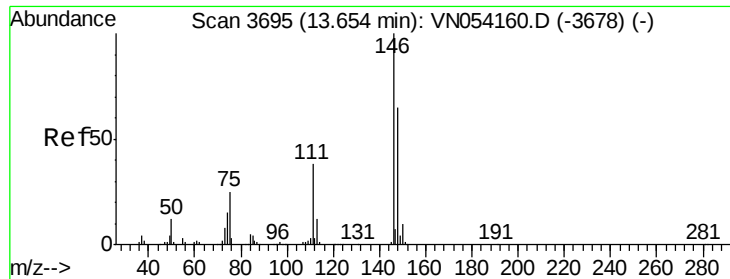


Abundance Ion 116.80 (116.50 to 117.50): VN054160.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN054160.D (-3748) (-)

Time-->

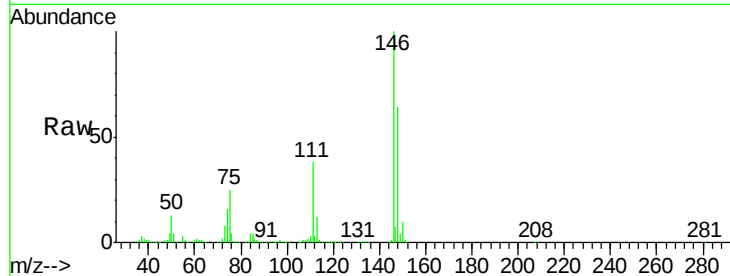




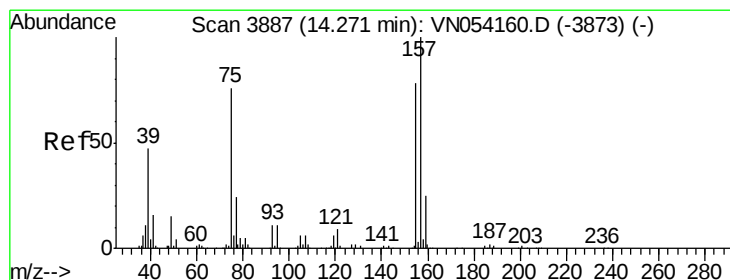
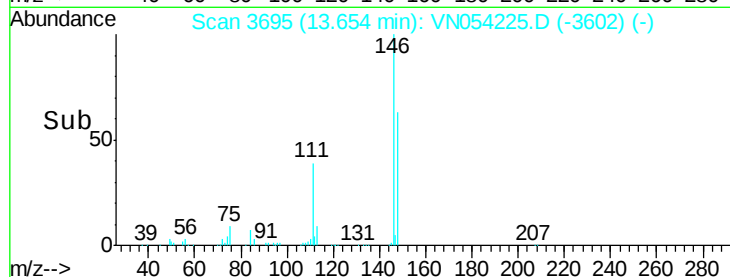
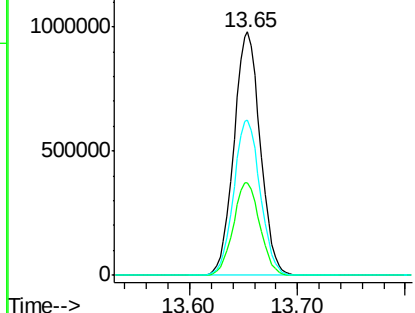
#91
 1,2-Dichlorobenzene
 Concen: 49.072 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN054225.D
 Acq: 13 Mar 2019 20:56

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:146 Resp: 1664770
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.1 57.3
 148 64.1 32.4 97.0

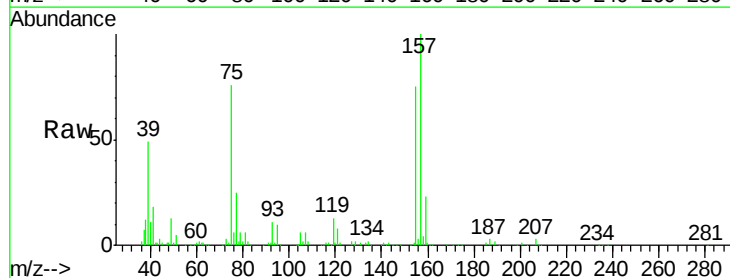


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

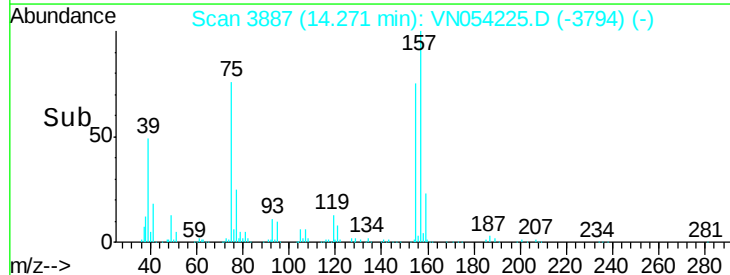
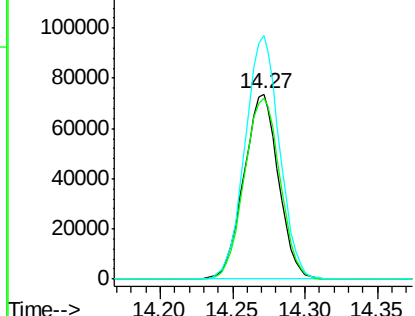


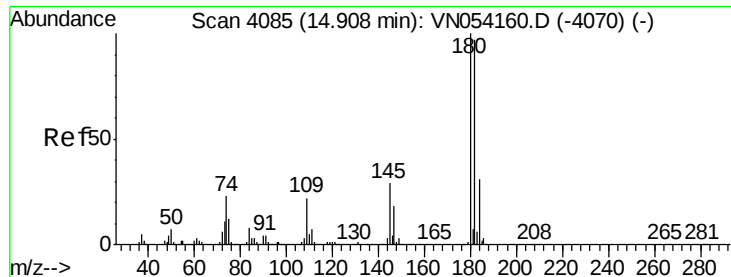
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.997 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN054225.D
 Acq: 13 Mar 2019 20:56

Tgt Ion: 75 Resp: 123158
 Ion Ratio Lower Upper
 75 100
 155 100.6 50.1 150.3
 157 130.3 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: 46.497 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN054225.D

Acq: 13 Mar 2019 20:56

Instrument :

MSVOA_N

ClientSampleId :

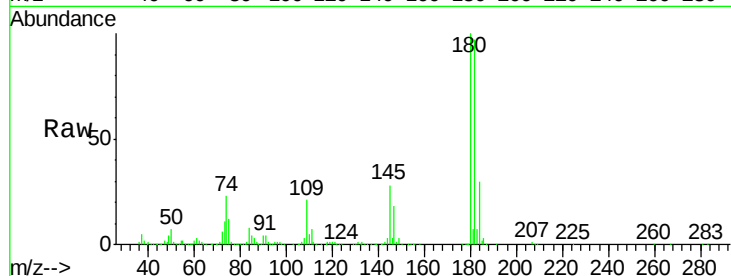
Tot Ion:180 Resp: 948537

Ion Ratio Lower Upper

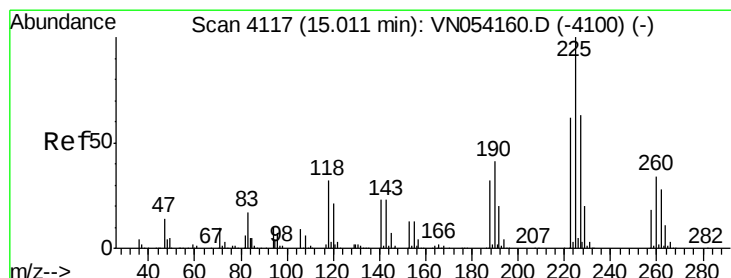
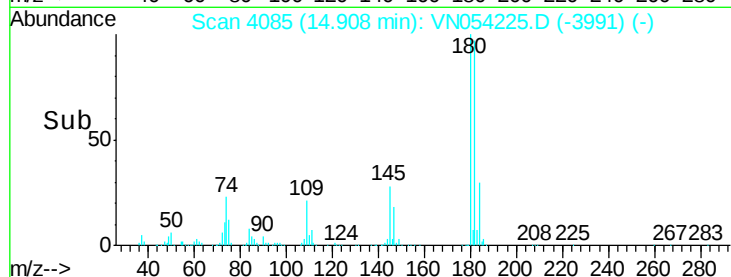
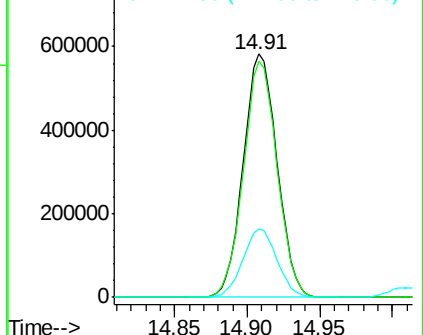
180 100

182 96.2 48.0 144.2

145 28.3 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: 43.512 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN054225.D

Acq: 13 Mar 2019 20:56

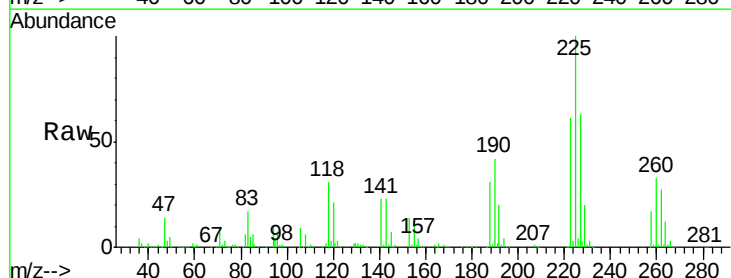
Tgt Ion:225 Resp: 562269

Ion Ratio Lower Upper

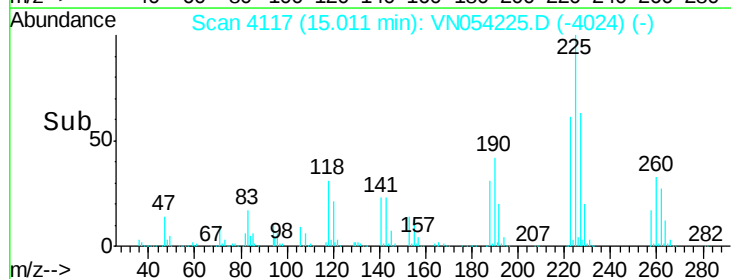
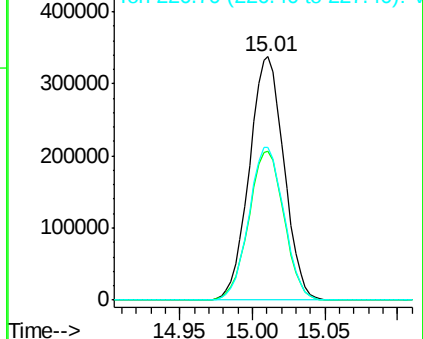
225 100

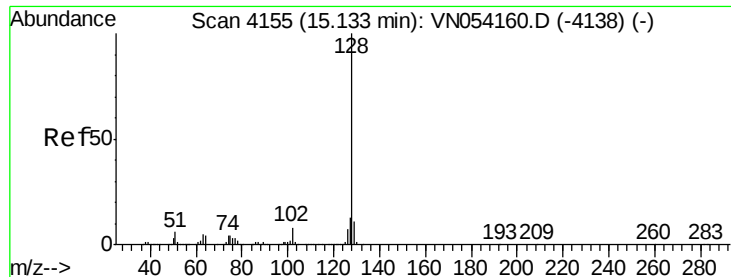
223 62.2 31.1 93.5

227 63.5 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: 46.574 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054225.D

Acq: 13 Mar 2019 20:56

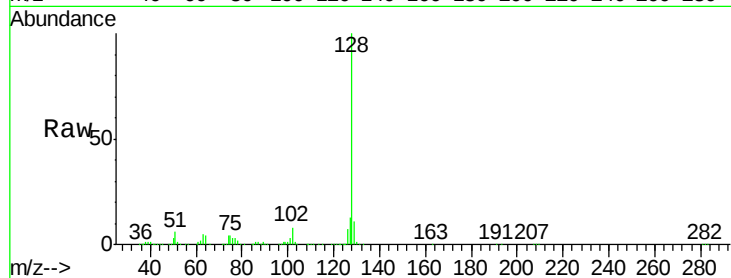
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:128 Resp: 1976277

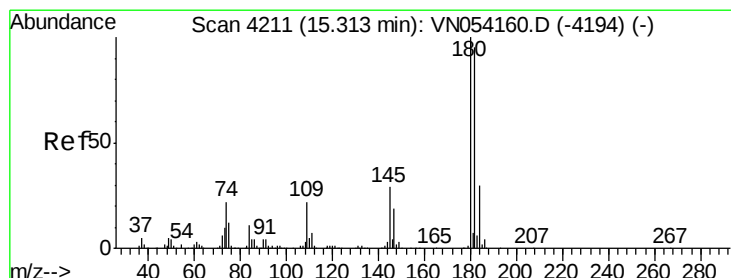
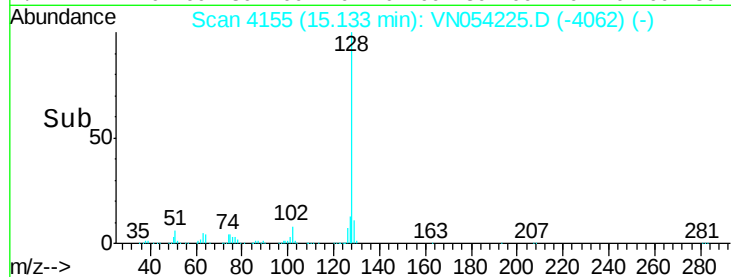
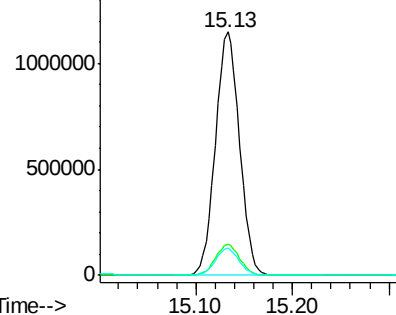
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	10.9	8.7	13.1



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: 52.353 ug/l

RT: 15.31 min Scan# 4211

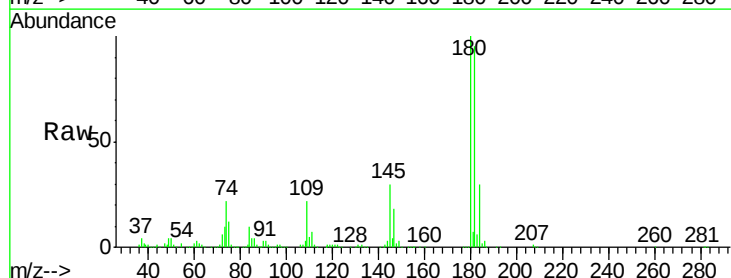
Delta R.T. -0.00 min

Lab File: VN054225.D

Acq: 13 Mar 2019 20:56

Tgt Ion:180 Resp: 943670

Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.5	142.6
145	29.6	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

