

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040219\
 Data File : VN054893.D
 Acq On : 2 Apr 2019 11:27
 Operator : JC/SP
 Sample : VN0402WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 03 05:03:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	393779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	658566	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	570304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	241724	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	279907	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
35) Dibromofluoromethane	7.59	113	222464	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
50) Toluene-d8	10.09	98	833627	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
62) 4-Bromofluorobenzene	12.40	95	270305	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	80581	20.231	ug/l	100
3) Chloromethane	2.06	50	112516	20.430	ug/l	99
4) Vinyl Chloride	2.19	62	104118	21.052	ug/l	99
5) Bromomethane	2.57	94	61364	22.426	ug/l	100
6) Chloroethane	2.71	64	57978	20.994	ug/l	98
7) Trichlorofluoromethane	3.03	101	133390	21.938	ug/l	100
8) Diethyl Ether	3.41	74	45363	23.169	ug/l	79
9) 1,1,2-Trichlorotrifluoroet	3.76	101	69685	21.771	ug/l	93
10) Methyl Iodide	3.95	142	87820	20.042	ug/l #	89
11) Tert butyl alcohol	4.81	59	29827	107.846	ug/l #	94
12) 1,1-Dichloroethene	3.73	96	69619	22.492	ug/l #	77
13) Acrolein	3.61	56	22283	90.124	ug/l	92
14) Allyl chloride	4.32	41	156503	20.527	ug/l #	93
15) Acrylonitrile	5.00	53	166550	108.342	ug/l	98
16) Acetone	3.82	43	155911	123.169	ug/l #	82
17) Carbon Disulfide	4.04	76	192856	19.210	ug/l	99
18) Methyl Acetate	4.33	43	75095	22.267	ug/l #	89
19) Methyl tert-butyl Ether	5.06	73	234638	21.671	ug/l #	90
20) Methylene Chloride	4.55	84	96798	21.679	ug/l #	84
21) trans-1,2-Dichloroethene	5.04	96	85168	20.948	ug/l #	82
22) Diisopropyl ether	5.96	45	332045	22.020	ug/l #	95
23) Vinyl Acetate	5.90	43	1145193	109.130	ug/l #	93
24) 1,1-Dichloroethane	5.85	63	178634	22.207	ug/l	99
25) 2-Butanone	6.85	43	215166	114.992	ug/l #	87
26) 2,2-Dichloropropane	6.82	77	123005	21.817	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	102486	22.314	ug/l	88
28) Bromochloromethane	7.19	49	96209	23.919	ug/l #	70
29) Tetrahydrofuran	7.22	42	139589	107.410	ug/l #	84
30) Chloroform	7.37	83	173236	22.585	ug/l	99
31) Cyclohexane	7.65	56	163550	21.124	ug/l	88
32) 1,1,1-Trichloroethane	7.57	97	140521	22.107	ug/l	96
36) 1,1-Dichloropropene	7.79	75	123930	20.195	ug/l	96
37) Ethyl Acetate	6.94	43	92686	20.596	ug/l	97
38) Carbon Tetrachloride	7.77	117	120126	20.154	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	137834	20.431	ug/l	90
40) Benzene	8.04	78	381303	21.715	ug/l	100
41) Methacrylonitrile	7.18	41	56051	22.173	ug/l #	88
42) 1,2-Dichloroethane	8.12	62	134699	21.484	ug/l	98
43) Isopropyl Acetate	8.17	43	157287	21.511	ug/l #	92
44) Trichloroethene	8.83	130	97938	21.487	ug/l	92
45) 1,2-Dichloropropane	9.12	63	107798	21.530	ug/l	96
46) Dibromomethane	9.21	93	61266	21.752	ug/l	88
47) Bromodichloromethane	9.40	83	128732	21.992	ug/l	98
48) Methyl methacrylate	9.20	41	77220	19.482	ug/l	91
49) 1,4-Dioxane	9.20	88	17359	441.386	ug/l #	83
51) 4-Methyl-2-Pentanone	9.99	43	437633	106.454	ug/l	93
52) Toluene	10.16	92	230277	22.040	ug/l	96
53) t-1,3-Dichloropropene	10.38	75	112677	20.463	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	142823	21.714	ug/l #	91
55) 1,1,2-Trichloroethane	10.56	97	84018	21.626	ug/l	95
56) Ethyl methacrylate	10.43	69	104224	20.450	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	145368	21.764	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	192239	94.295	ug/l #	88
59) 2-Hexanone	10.75	43	276770	105.168	ug/l	91
60) Dibromochloromethane	10.90	129	85832	21.810	ug/l	100
61) 1,2-Dibromoethane	11.01	107	80530	21.690	ug/l	97
64) Tetrachloroethene	10.63	164	92924	21.233	ug/l	97
65) Chlorobenzene	11.43	112	235700	21.109	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	88407	21.153	ug/l	98
67) Ethyl Benzene	11.51	91	427490	21.216	ug/l	97
68) m/p-Xylenes	11.62	106	309118	41.456	ug/l	91
69) o-Xylene	11.95	106	153744	21.027	ug/l	94
70) Styrene	11.96	104	253008	21.641	ug/l	97
71) Bromoform	12.13	173	51421	21.001	ug/l #	99
73) Isopropylbenzene	12.25	105	413004	20.904	ug/l	97
74) N-amyl acetate	12.07	43	122935	19.972	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.50	83	101576	22.375	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	120689	28.740	ug/l #	100
77) Bromobenzene	12.53	156	98729	20.705	ug/l	85
78) n-propylbenzene	12.59	91	453030	20.862	ug/l	95
79) 2-Chlorotoluene	12.67	91	280318	20.865	ug/l	93
80) 1,3,5-Trimethylbenzene	12.73	105	338133	20.857	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	19286	17.864	ug/l #	80
82) 4-Chlorotoluene	12.77	91	268528	20.578	ug/l	95
83) tert-Butylbenzene	12.99	119	287358	21.695	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	329306	21.321	ug/l	97
85) sec-Butylbenzene	13.17	105	370600	21.044	ug/l	96
86) p-Isopropyltoluene	13.29	119	318621	20.513	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	167640	20.998	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	156591	19.998	ug/l	98
89) n-Butylbenzene	13.61	91	244048	19.257	ug/l	97
90) Hexachloroethane	13.87	117	53719	20.370	ug/l	85
91) 1,2-Dichlorobenzene	13.65	146	165716	20.568	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	14336	21.225	ug/l	82

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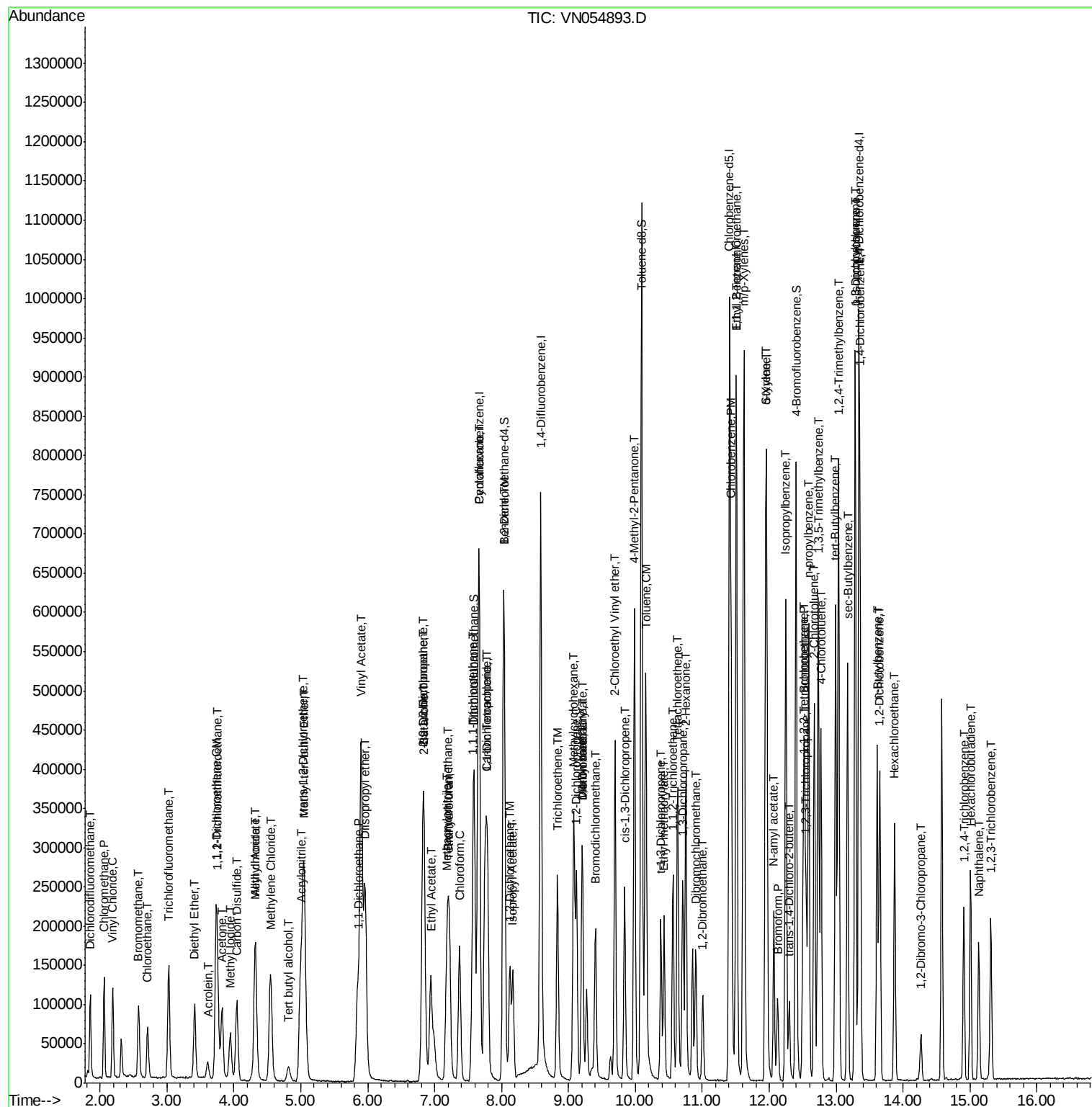
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	68600	17.660	ug/l	100
94) Hexachlorobutadiene	15.01	225	50991	20.944	ug/l	98
95) Naphthalene	15.13	128	148669	17.065	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	71480	18.221	ug/l	99

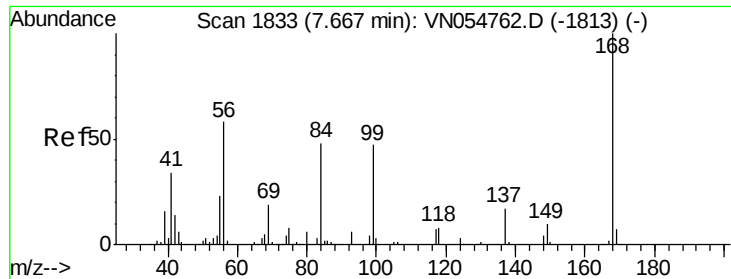
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054893.D

Acq: 2 Apr 2019 11:27

Instrument :

MSVOA_N

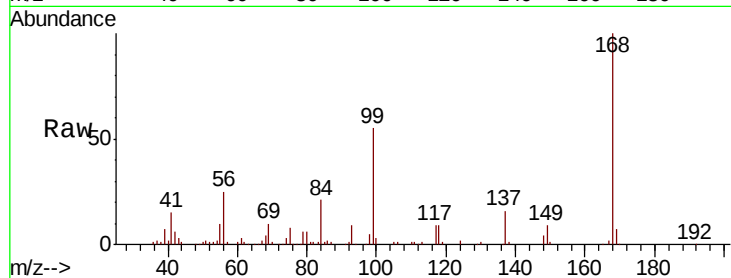
ClientSampled :

Tot Ion:168 Resp: 393779

Ion Ratio Lower Upper

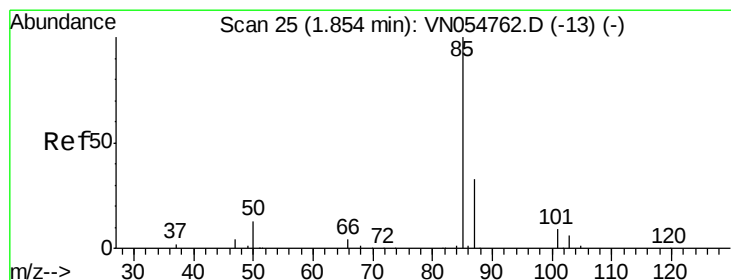
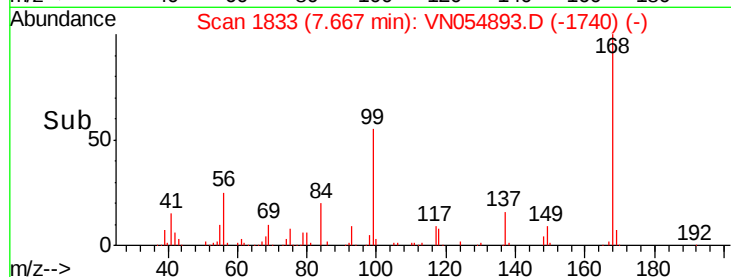
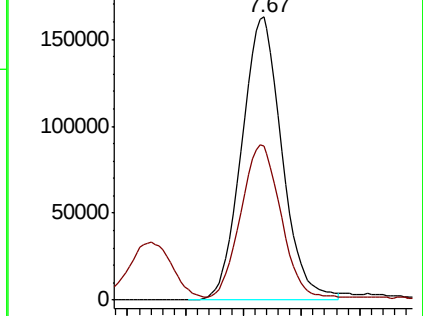
168 100

99 53.4 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 20.231 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN054893.D

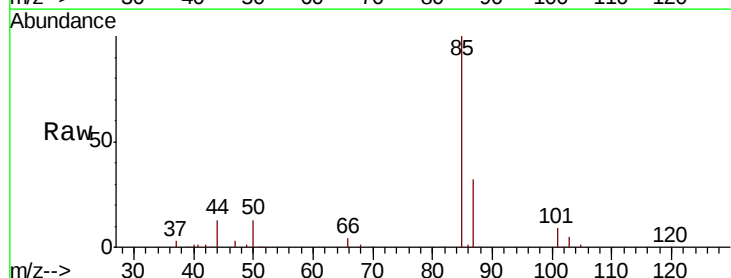
Acq: 2 Apr 2019 11:27

Tgt Ion: 85 Resp: 80581

Ion Ratio Lower Upper

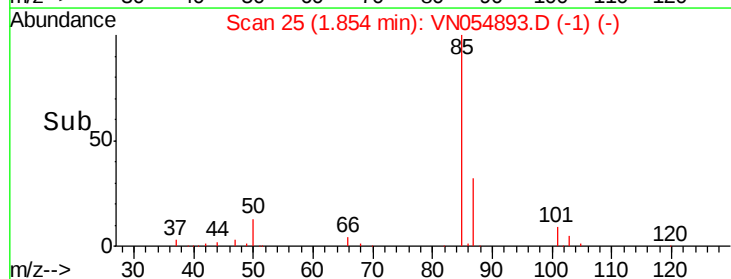
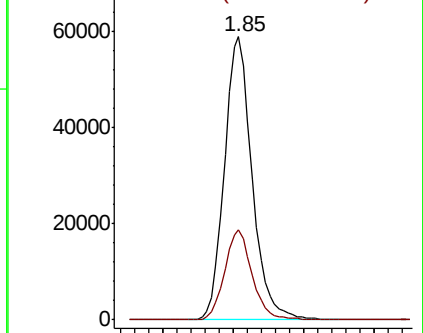
85 100

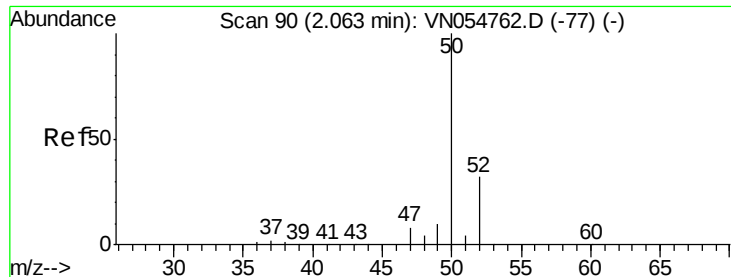
87 32.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 20.430 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN054893.D

Acq: 2 Apr 2019 11:27

Instrument :

MSVOA_N

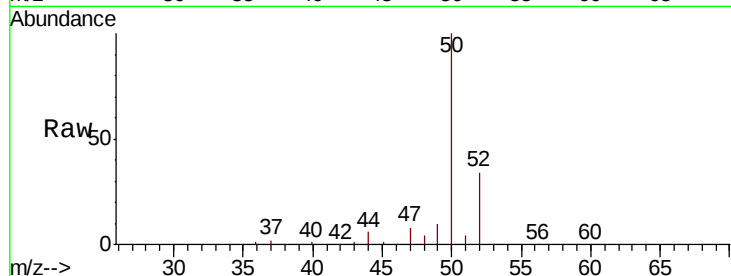
ClientSampled :

Tot Ion: 50 Resp: 112516

Ion Ratio Lower Upper

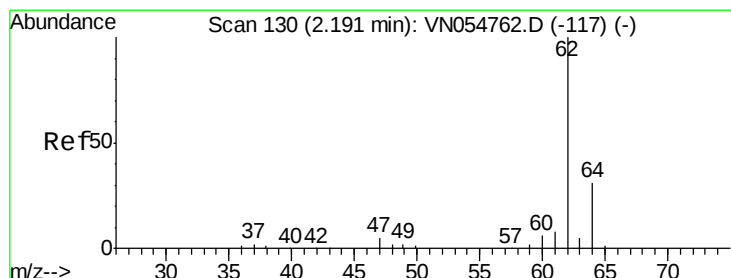
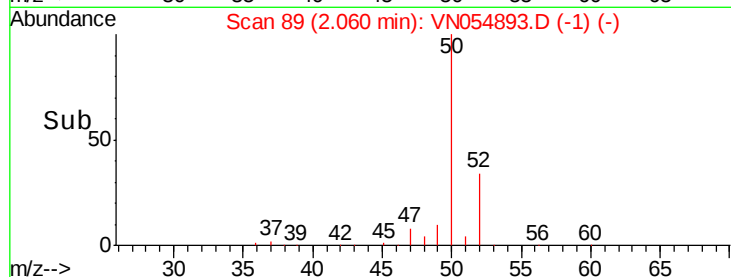
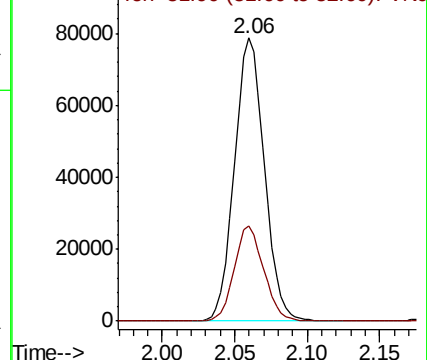
50 100

52 33.6 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 21.052 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN054893.D

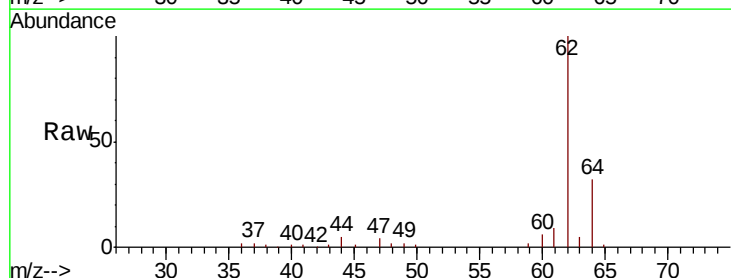
Acq: 2 Apr 2019 11:27

Tgt Ion: 62 Resp: 104118

Ion Ratio Lower Upper

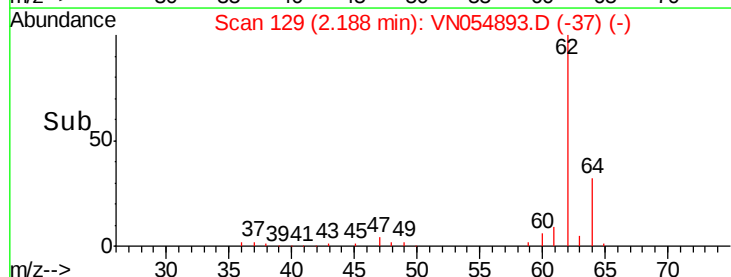
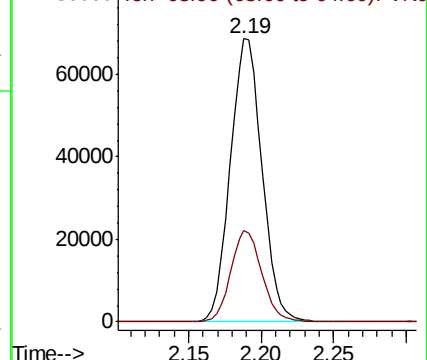
62 100

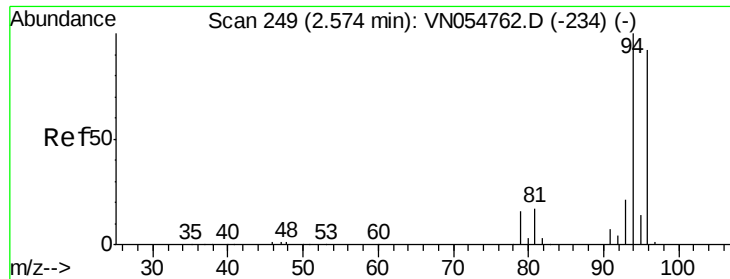
64 32.2 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC

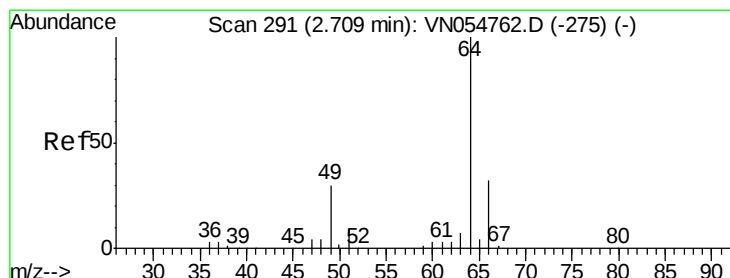
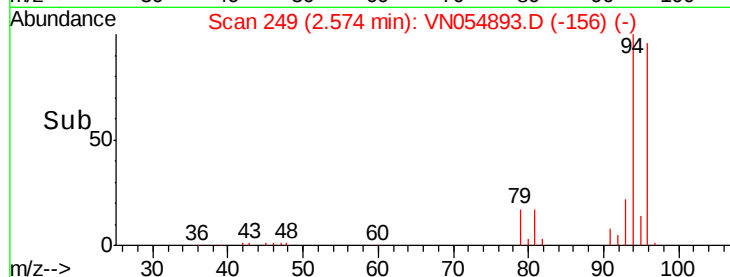
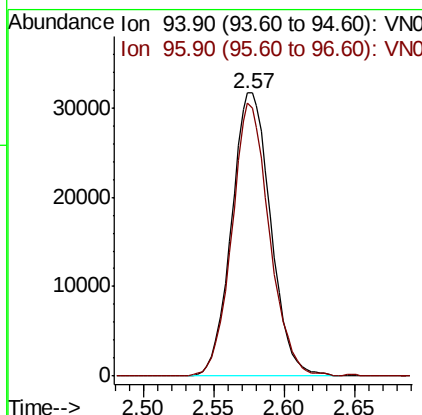
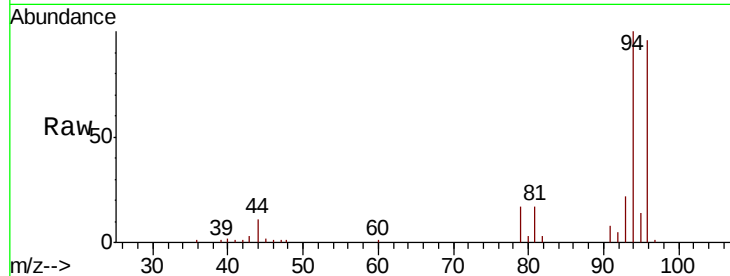




#5
Bromomethane
Concen: 22.426 ug/l
RT: 2.57 min Scan# 249
Delta R.T. 0.00 min
Lab File: VN054893.D
Acq: 2 Apr 2019 11:27

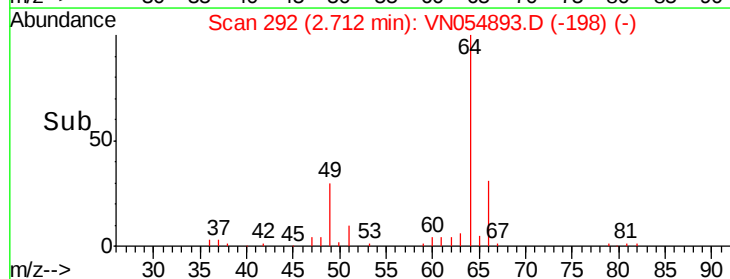
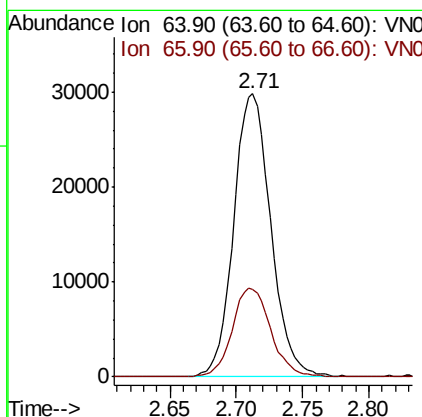
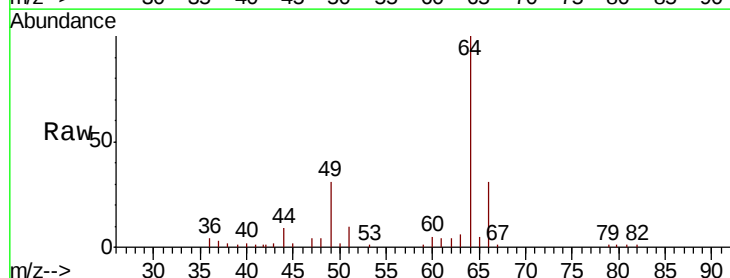
Instrument :
MSVOA_N
ClientSampled :

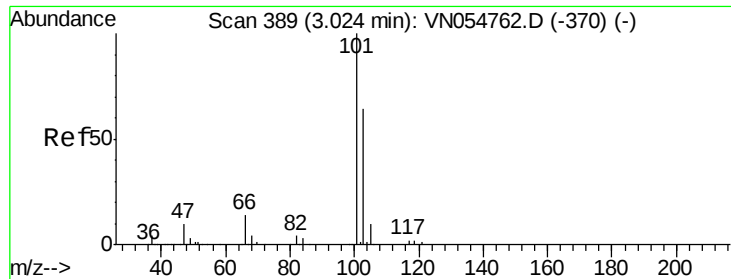
Tot Ion: 94 Resp: 61364
Ion Ratio Lower Upper
94 100
96 96.3 77.0 115.4



#6
Chloroethane
Concen: 20.994 ug/l
RT: 2.71 min Scan# 292
Delta R.T. 0.00 min
Lab File: VN054893.D
Acq: 2 Apr 2019 11:27

Tgt Ion: 64 Resp: 57978
Ion Ratio Lower Upper
64 100
66 30.9 25.7 38.5



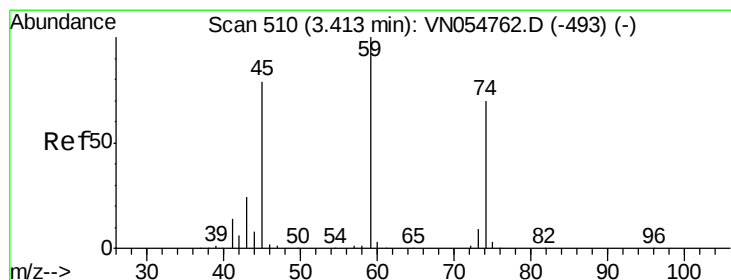
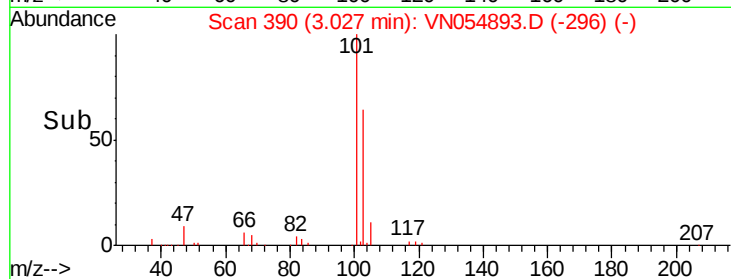
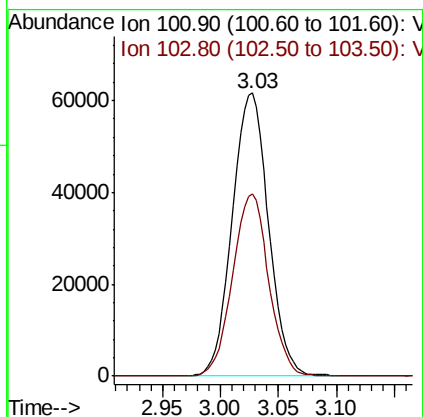
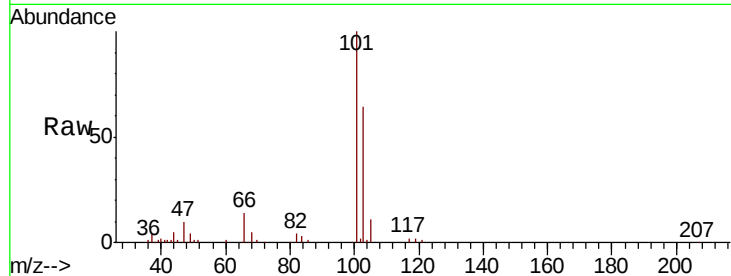


#7

Trichlorofluoromethane
 Concen: 21.938 ug/l
 RT: 3.03 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VN054893.D
 Acq: 2 Apr 2019 11:27

Instrument :
 MSVOA_N
 ClientSampleId :

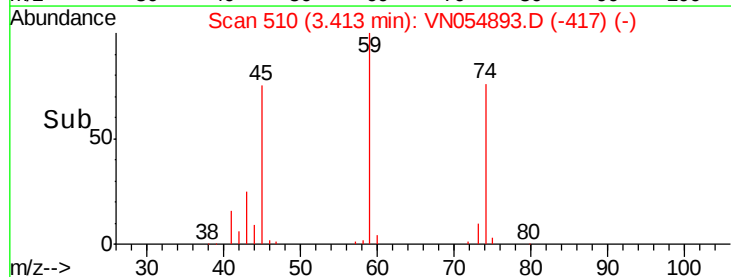
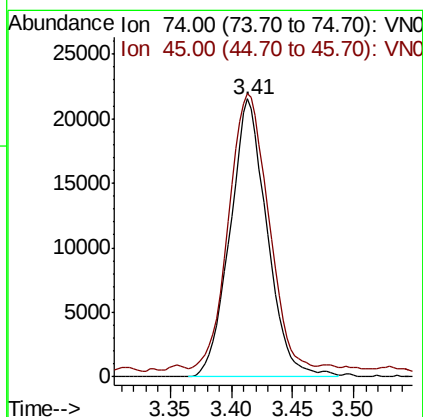
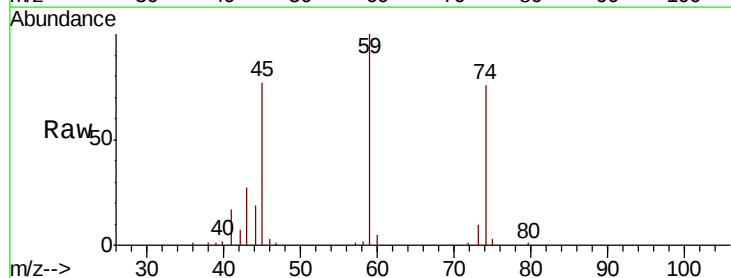
Tot Ion:101 Resp: 133390
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.4 77.2

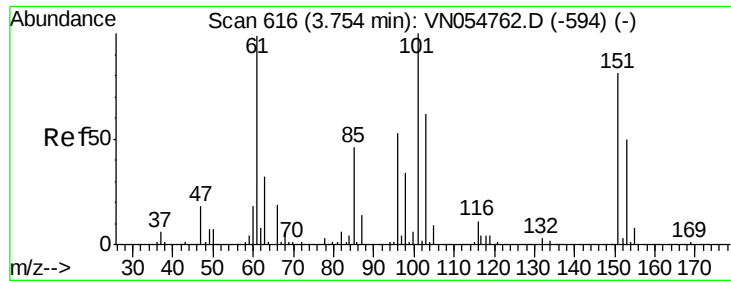


#8

Diethyl Ether
 Concen: 23.169 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN054893.D
 Acq: 2 Apr 2019 11:27

Tgt Ion: 74 Resp: 45363
 Ion Ratio Lower Upper
 74 100
 45 105.4 43.1 129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.771 ug/l

RT: 3.76 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN054893.D

Acq: 2 Apr 2019 11:27

Instrument :

MSVOA_N

ClientSampled :

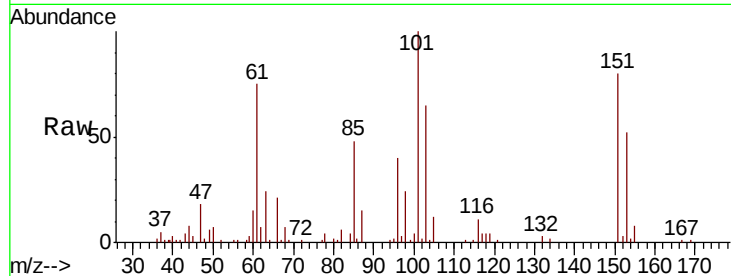
Tot Ion:101 Resp: 69685

Ion Ratio Lower Upper

101 100

85 47.0 32.4 48.6

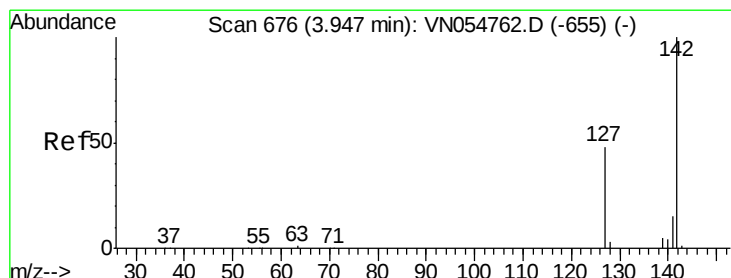
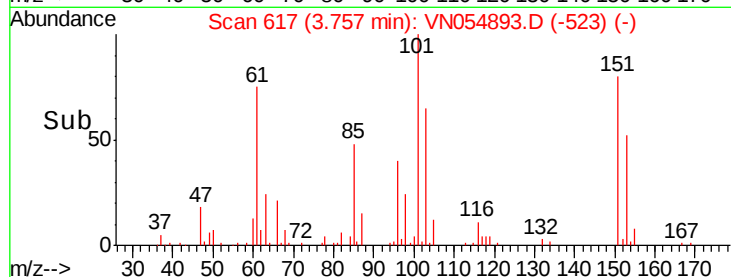
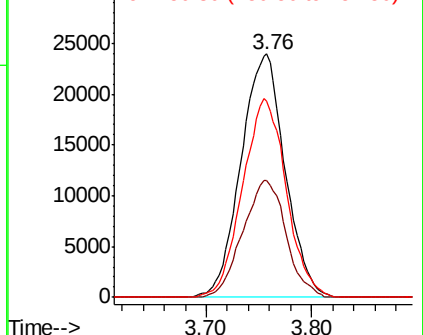
151 80.7 68.2 102.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.042 ug/l

RT: 3.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN054893.D

Acq: 2 Apr 2019 11:27

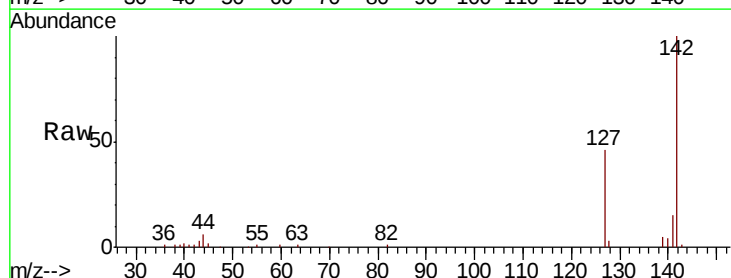
Tgt Ion:142 Resp: 87820

Ion Ratio Lower Upper

142 100

127 46.5 30.3 45.5#

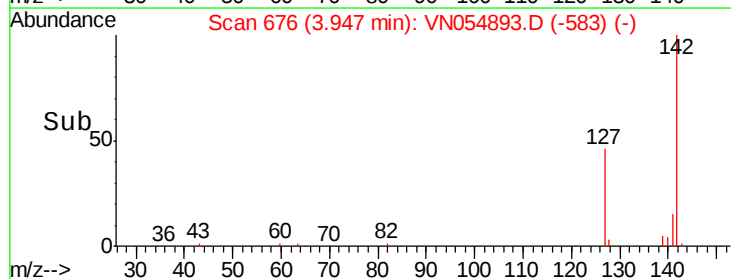
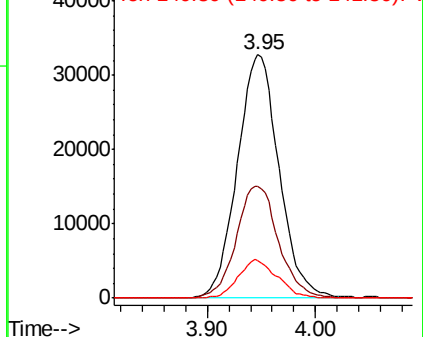
141 14.8 11.2 16.8

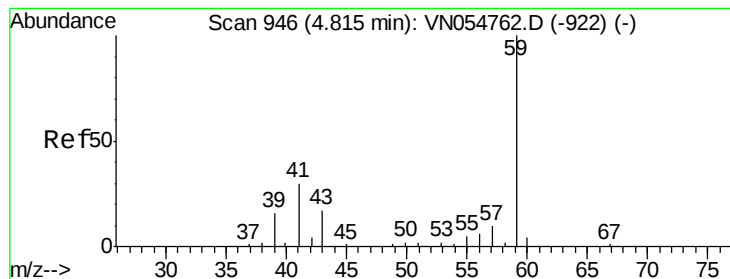


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



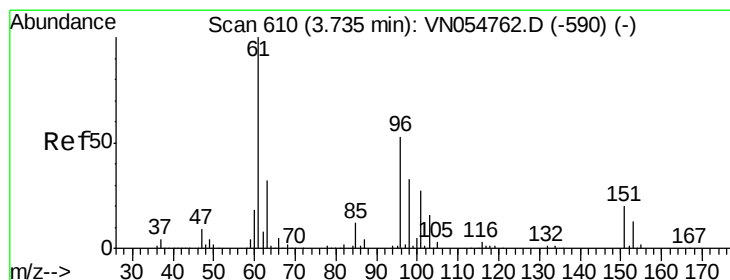
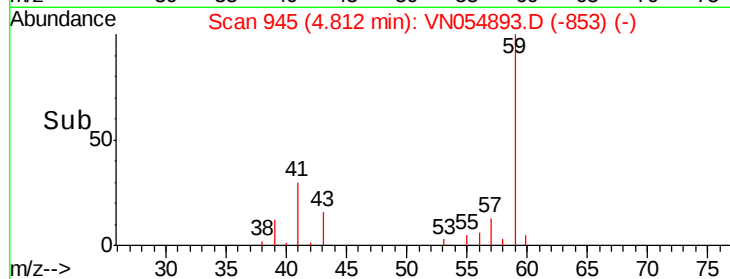
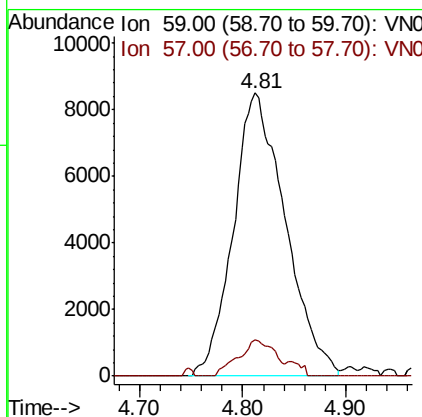
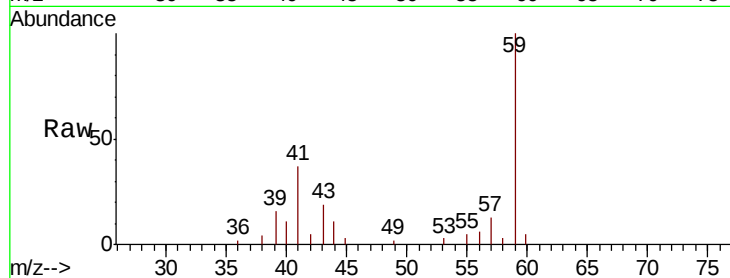


#11

Tert butyl alcohol
 Concen: 107.846 ug/l
 RT: 4.81 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: VN054893.D
 Acq: 2 Apr 2019 11:27

Instrument :
 MSVOA_N
 ClientSampled :

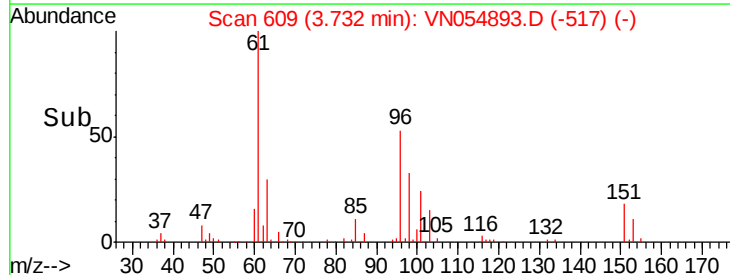
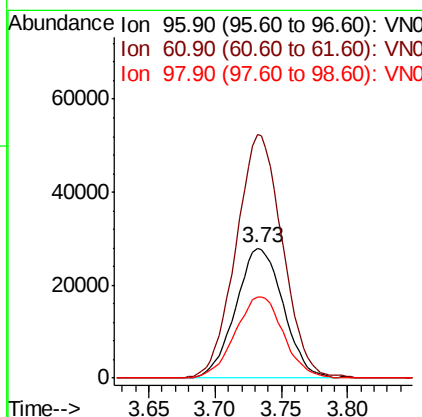
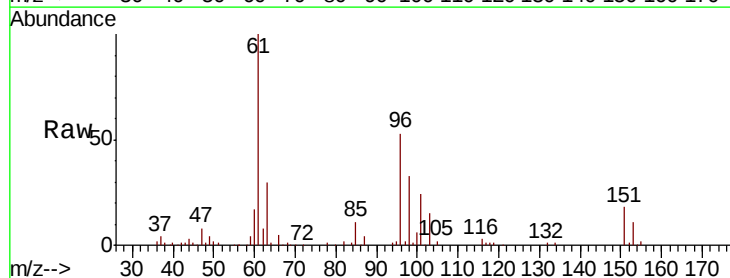
Tot Ion: 59 Resp: 29827
 Ion Ratio Lower Upper
 59 100
 57 8.8 9.0 13.6#

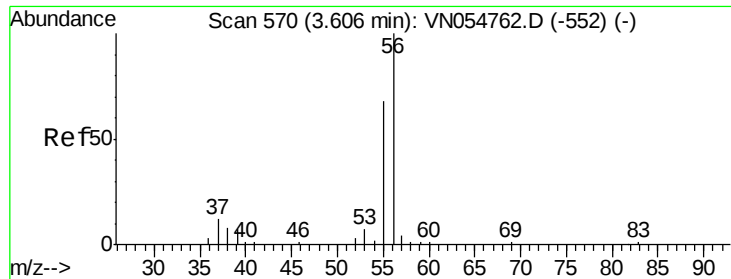


#12

1,1-Dichloroethene
 Concen: 22.492 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN054893.D
 Acq: 2 Apr 2019 11:27

Tgt Ion: 96 Resp: 69619
 Ion Ratio Lower Upper
 96 100
 61 186.9 116.5 174.7#
 98 62.8 51.0 76.4





#13

Acrolein

Concen: 90.124 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN054893.D

Acq: 2 Apr 2019 11:27

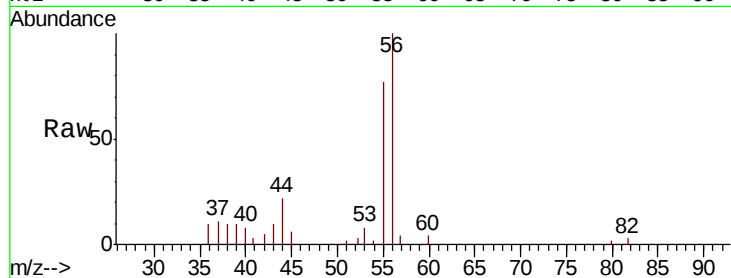
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 22283

Ion Ratio Lower Upper

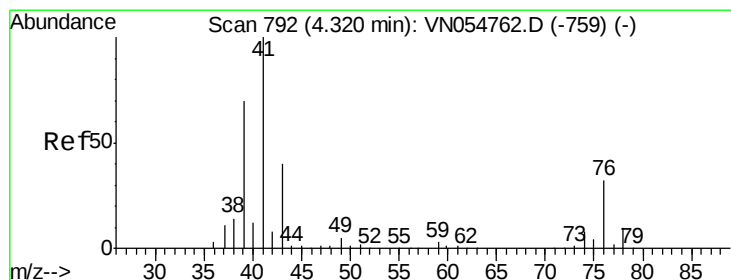
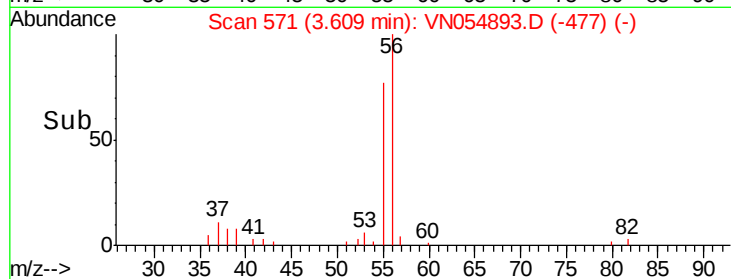
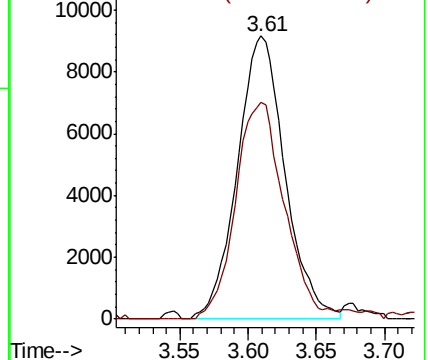
56 100

55 77.5 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 20.527 ug/l

RT: 4.32 min Scan# 791

Delta R.T. -0.00 min

Lab File: VN054893.D

Acq: 2 Apr 2019 11:27

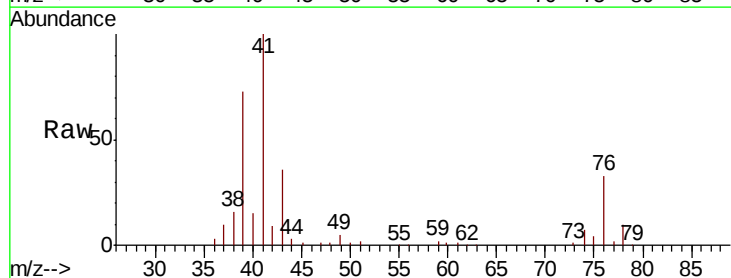
Tgt Ion: 41 Resp: 156503

Ion Ratio Lower Upper

41 100

39 69.9 58.2 87.4

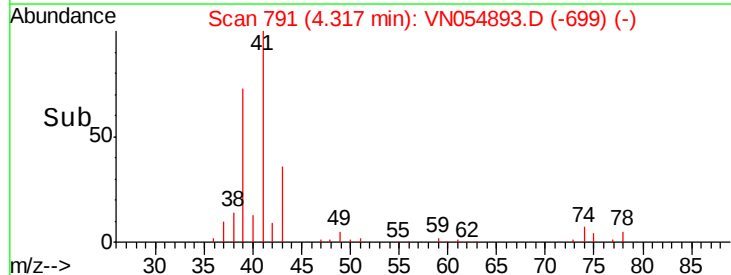
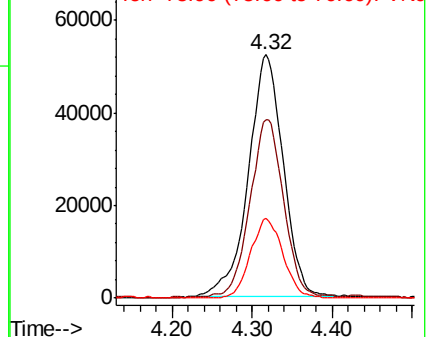
76 30.4 31.7 47.5#

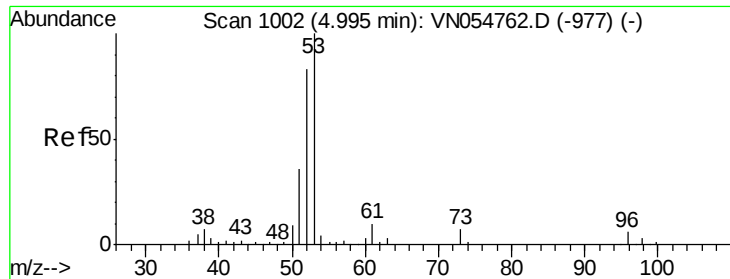


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 108.342 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VN054893.D

Acq: 2 Apr 2019 11:27

Instrument :

MSVOA_N

ClientSampleId :

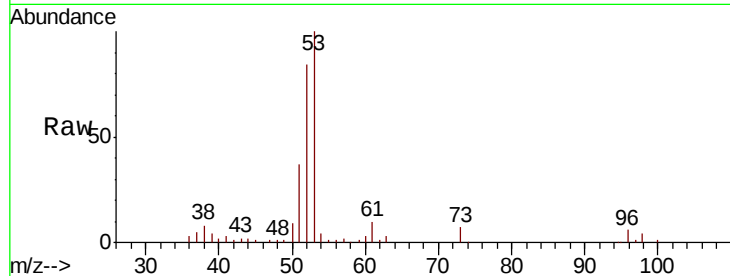
Tot Ion: 53 Resp: 166550

Ion Ratio Lower Upper

53 100

52 84.9 66.4 99.6

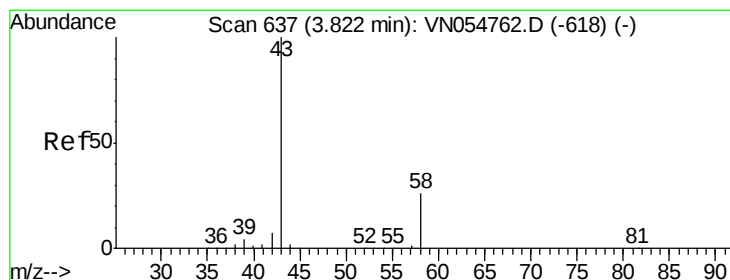
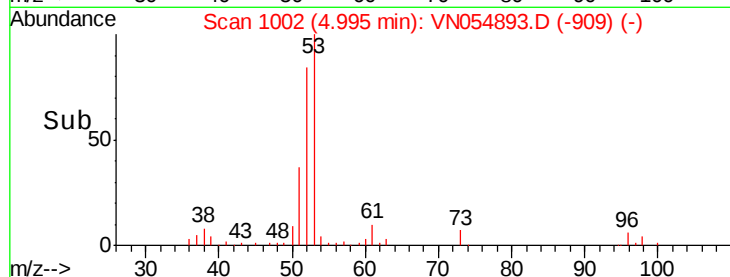
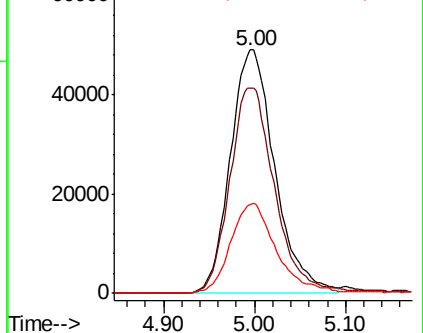
51 37.9 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 123.169 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054893.D

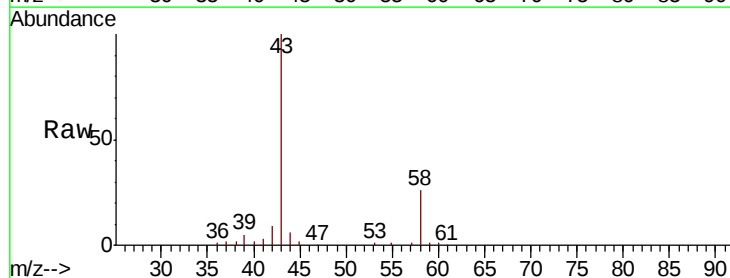
Acq: 2 Apr 2019 11:27

Tgt Ion: 43 Resp: 155911

Ion Ratio Lower Upper

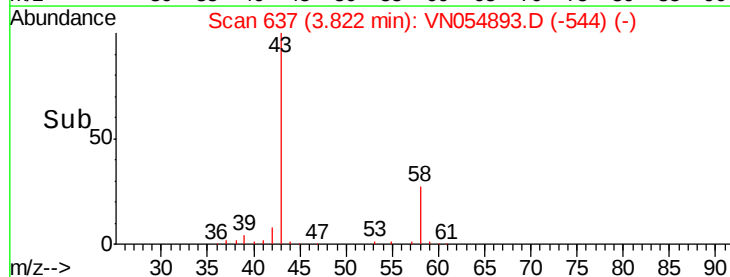
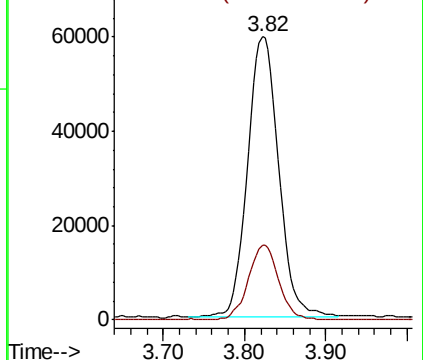
43 100

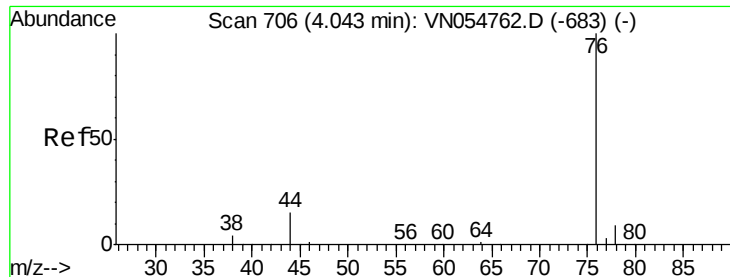
58 26.5 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 19.210 ug/l

RT: 4.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN054893.D

Acq: 2 Apr 2019 11:27

Instrument :

MSVOA_N

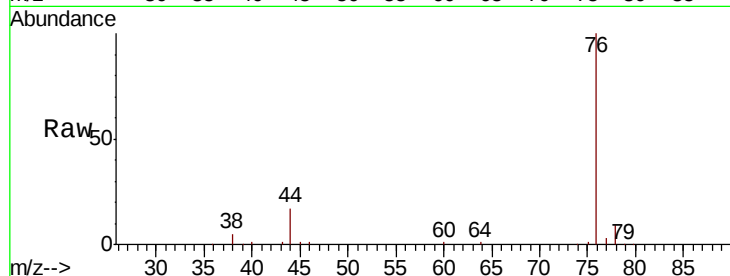
ClientSampleId :

Tot Ion: 76 Resp: 192856

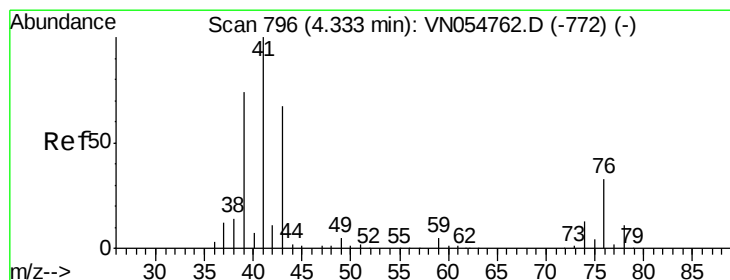
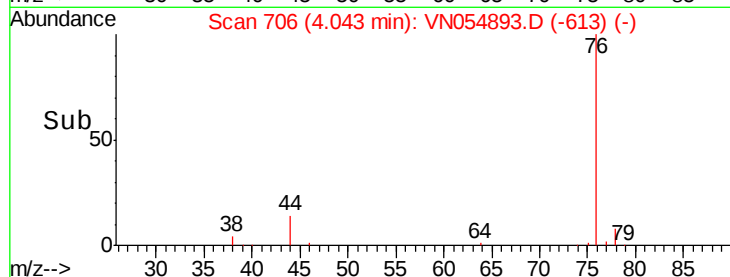
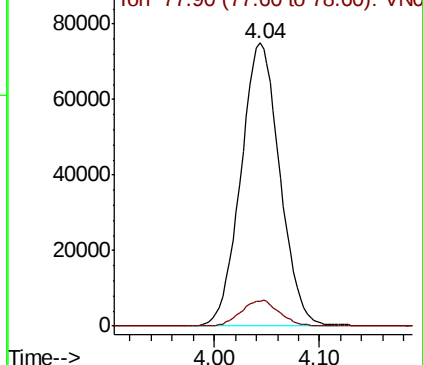
Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3



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



#18

Methyl Acetate

Concen: 22.267 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.00 min

Lab File: VN054893.D

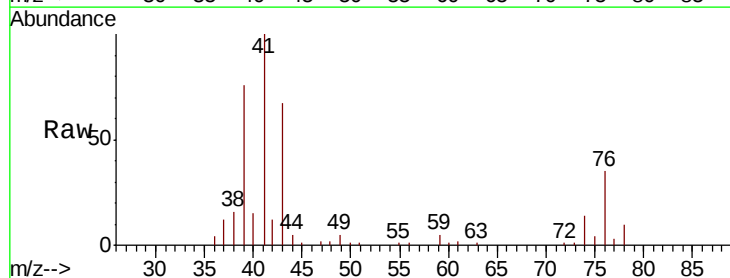
Acq: 2 Apr 2019 11:27

Tgt Ion: 43 Resp: 75095

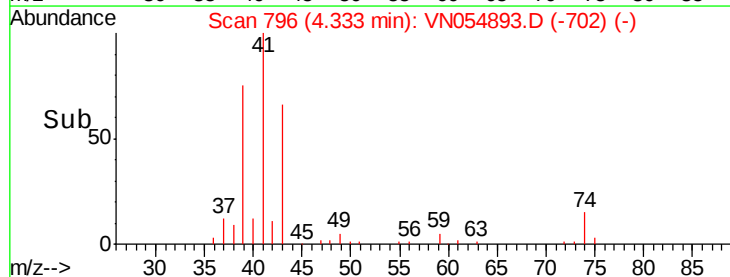
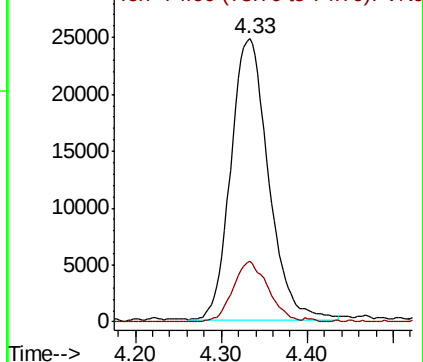
Ion Ratio Lower Upper

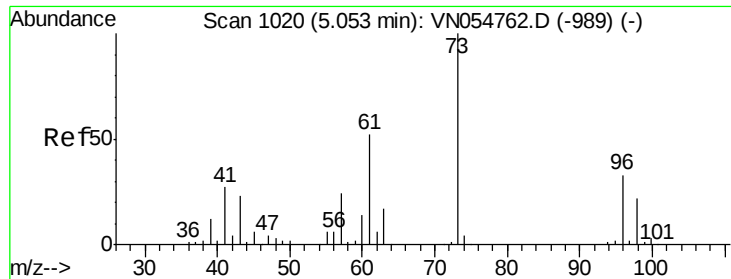
43 100

74 20.2 20.8 31.2#



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

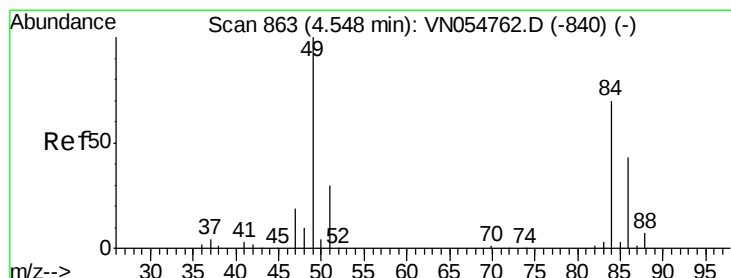
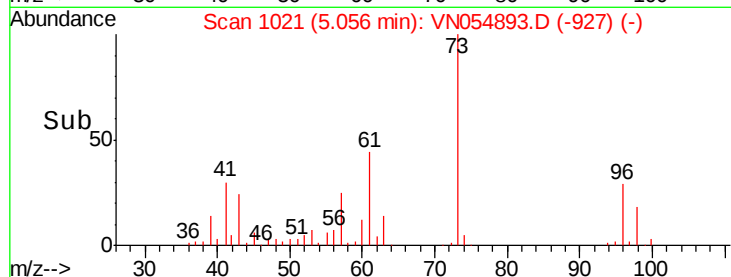
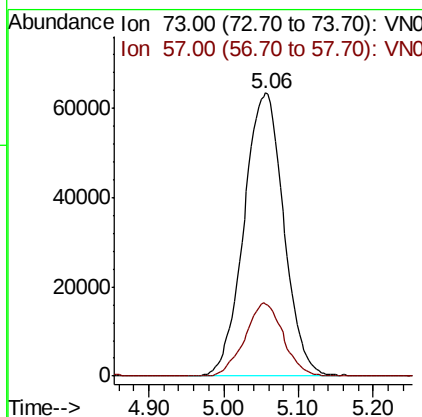
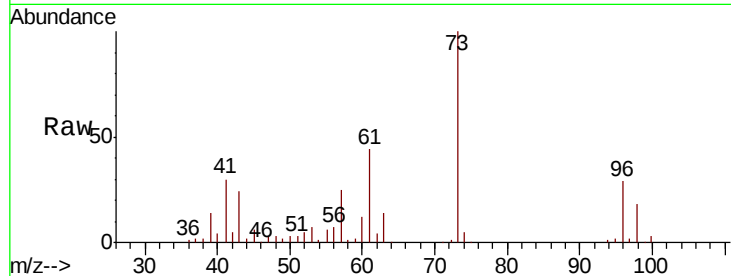




#19
Methyl tert-butyl Ether
Concen: 21.671 ug/l
RT: 5.06 min Scan# 1021
Delta R.T. 0.00 min
Lab File: VN054893.D
Acq: 2 Apr 2019 11:27

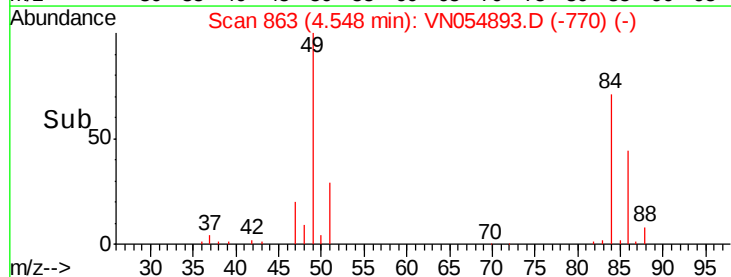
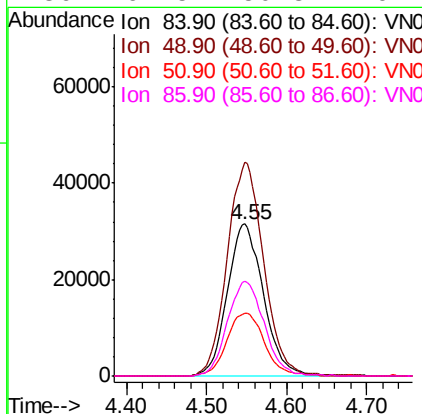
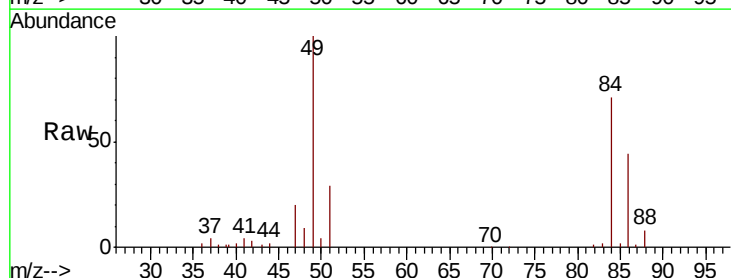
Instrument :
MSVOA_N
ClientSampled :

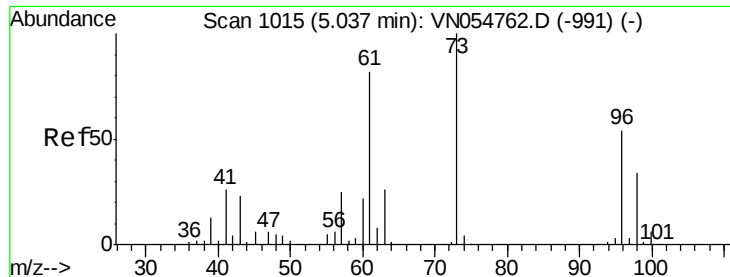
Tot Ion: 73 Resp: 234638
Ion Ratio Lower Upper
73 100
57 25.5 16.8 25.2#



#20
Methylene Chloride
Concen: 21.679 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054893.D
Acq: 2 Apr 2019 11:27

Tgt Ion: 84 Resp: 96798
Ion Ratio Lower Upper
84 100
49 140.5 89.7 134.5#
51 40.9 28.2 42.4
86 62.5 50.8 76.2

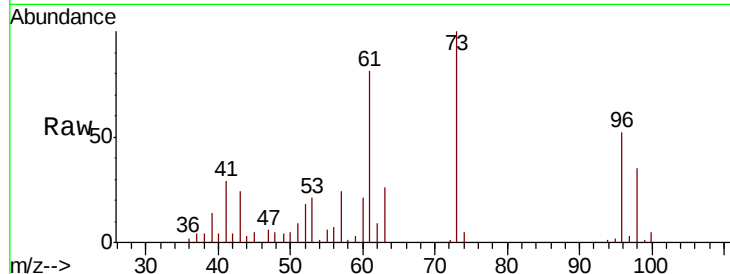




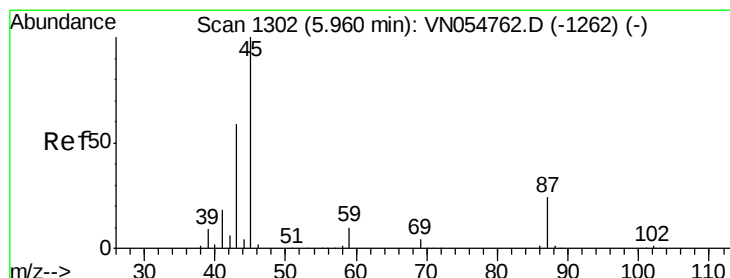
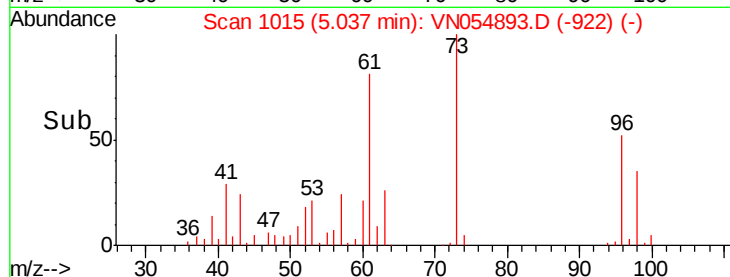
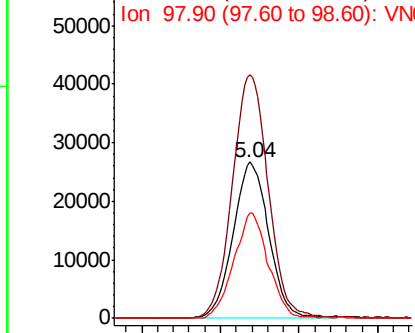
#21
trans-1,2-Dichloroethene
Concen: 20.948 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VN054893.D
Acq: 2 Apr 2019 11:27

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 85168
Ion Ratio Lower Upper
96 100
61 155.8 102.8 154.2#
98 67.4 50.0 75.0

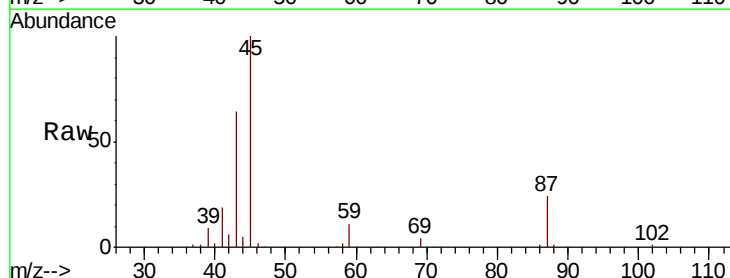


Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC

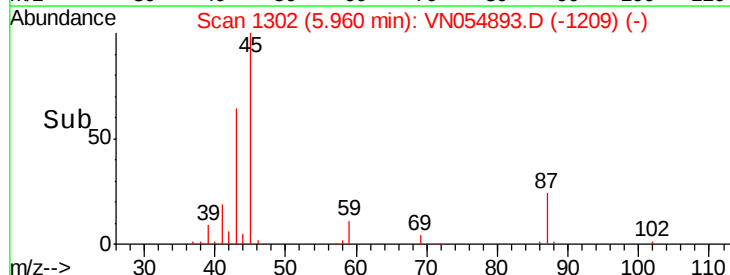
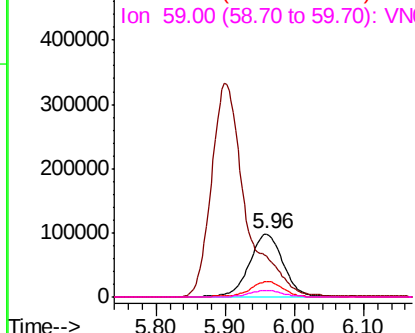


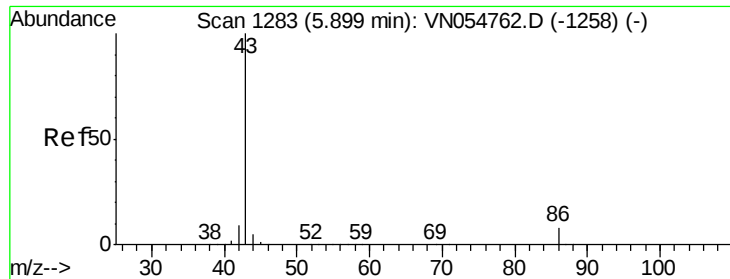
#22
Diisopropyl ether
Concen: 22.020 ug/l
RT: 5.96 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VN054893.D
Acq: 2 Apr 2019 11:27

Tgt Ion: 45 Resp: 332045
Ion Ratio Lower Upper
45 100
43 61.4 48.2 72.2
87 23.9 24.9 37.3#
59 10.6 9.5 14.3



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

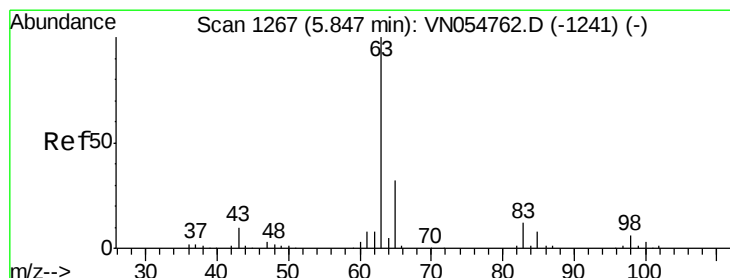
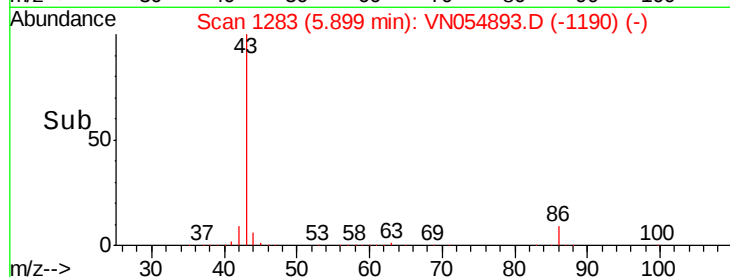
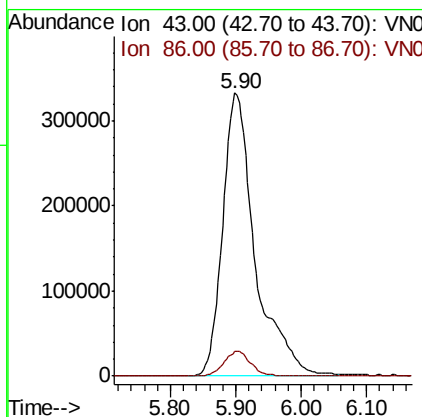
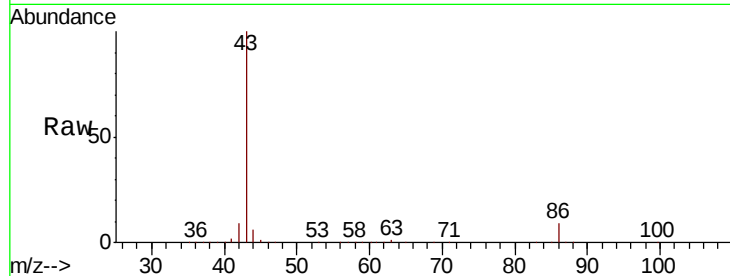




#23
 Vinyl Acetate
 Concen: 109.130 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VN054893.D
 Acq: 2 Apr 2019 11:27

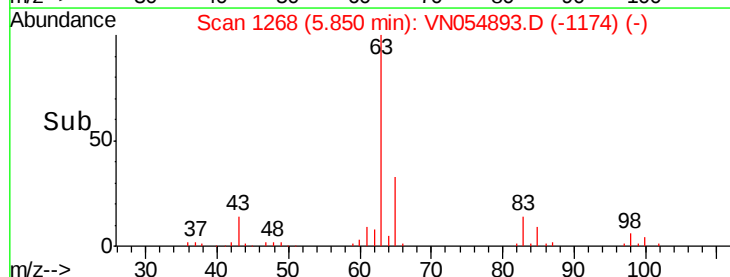
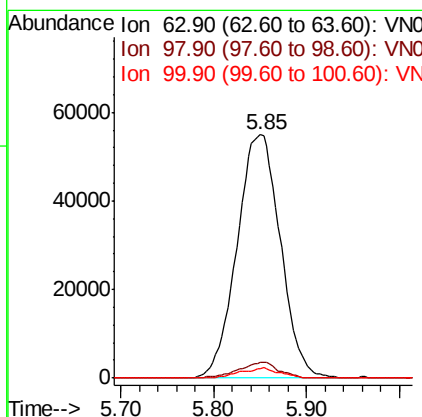
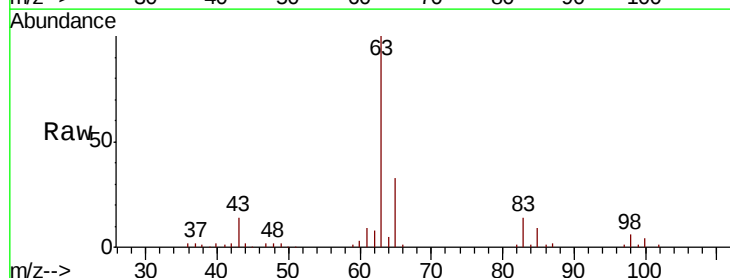
Instrument :
 MSVOA_N
 ClientSampled :

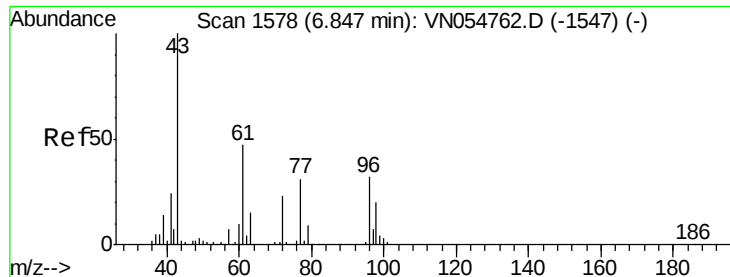
Tot Ion: 43 Resp: 1145193
 Ion Ratio Lower Upper
 43 100
 86 8.6 9.1 13.7#



#24
 1,1-Dichloroethane
 Concen: 22.207 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VN054893.D
 Acq: 2 Apr 2019 11:27

Tgt Ion: 63 Resp: 178634
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.5
 100 4.0 2.0 6.0





#25

2-Butanone

Concen: 114.992 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VN054893.D

Acq: 2 Apr 2019 11:27

Instrument :

MSVOA_N

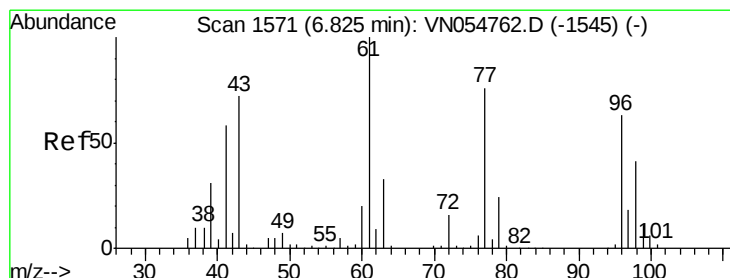
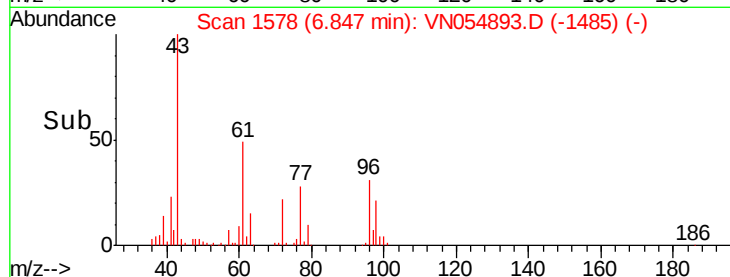
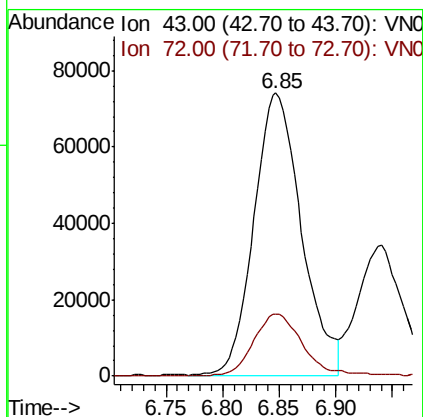
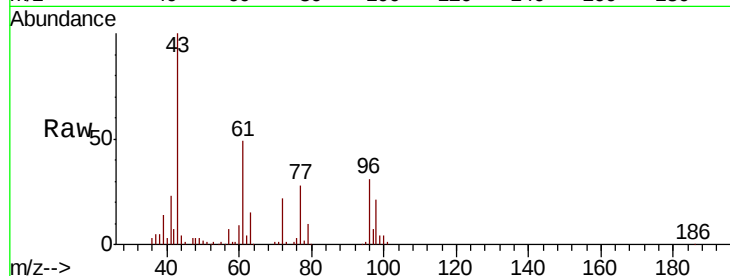
ClientSampled :

Tot Ion: 43 Resp: 215166

Ion Ratio Lower Upper

43 100

72 22.1 23.0 34.6#



#26

2,2-Dichloropropane

Concen: 21.817 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN054893.D

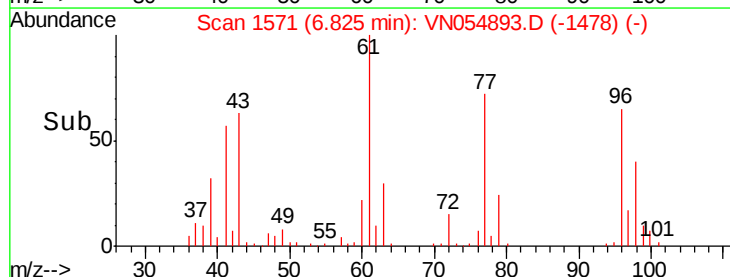
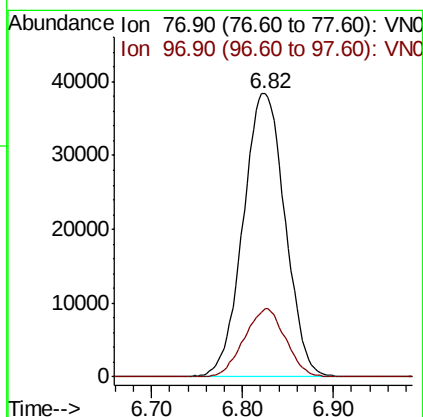
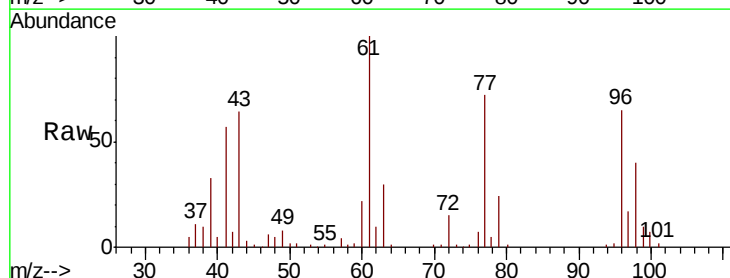
Acq: 2 Apr 2019 11:27

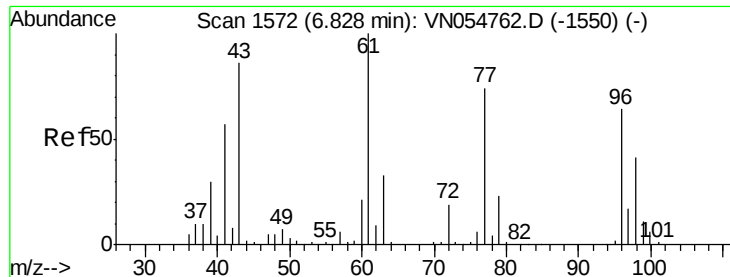
Tgt Ion: 77 Resp: 123005

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 22.314 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN054893.D

Acq: 2 Apr 2019 11:27

Instrument :
MSVOA_N
ClientSampleId :

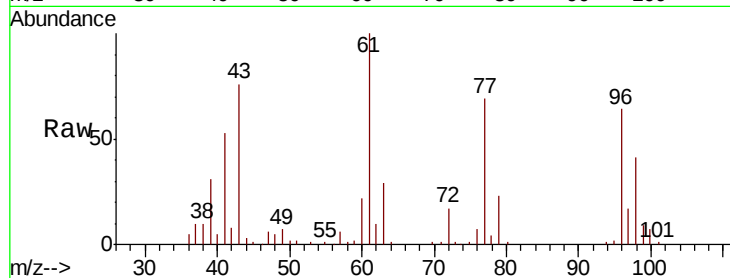
Tot Ion: 96 Resp: 102486

Ion Ratio Lower Upper

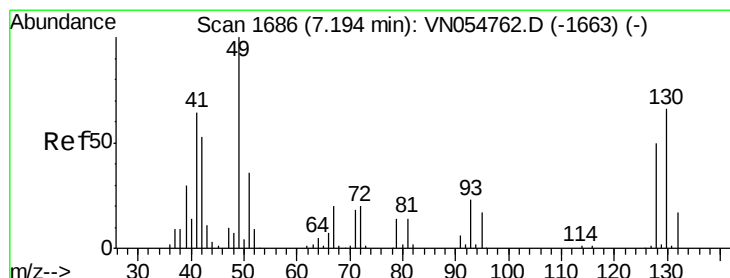
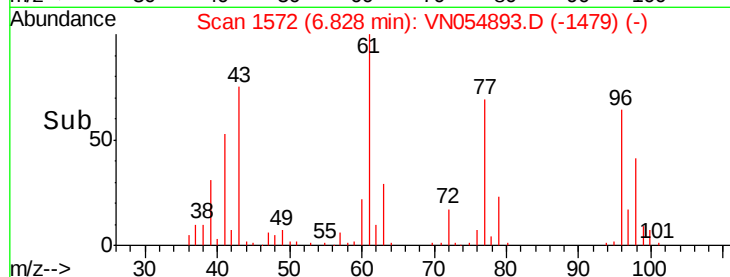
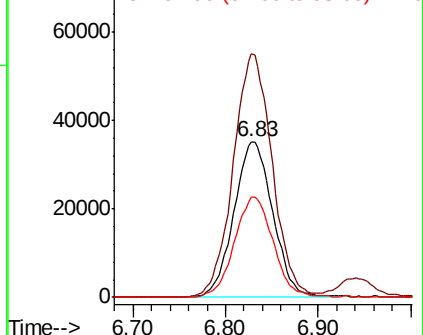
96 100

61 156.3 0.0 273.0

98 64.1 0.0 130.6



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



#28

Bromochloromethane

Concen: 23.919 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN054893.D

Acq: 2 Apr 2019 11:27

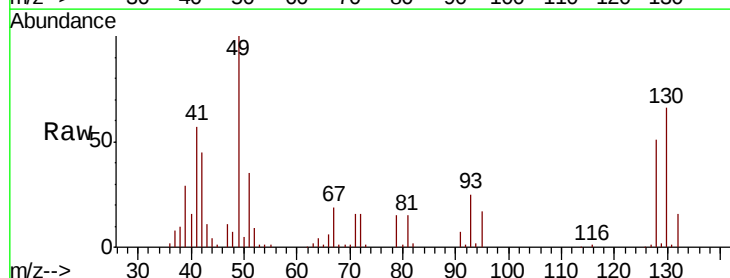
Tgt Ion: 49 Resp: 96209

Ion Ratio Lower Upper

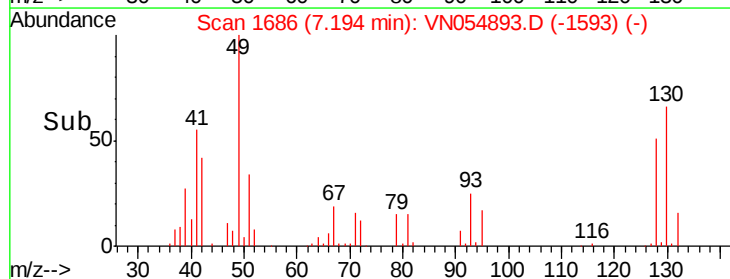
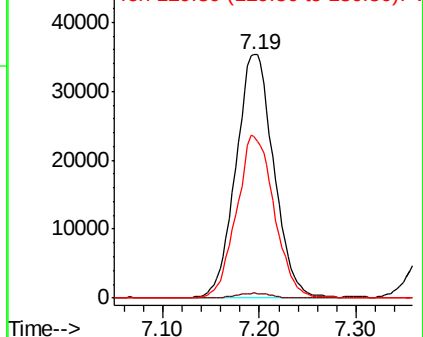
49 100

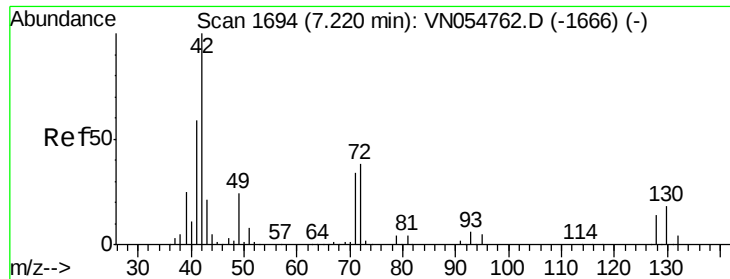
129 1.8 0.0 4.6

130 66.2 76.7 115.1#



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

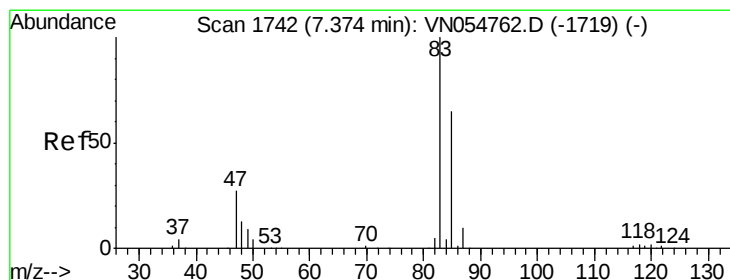
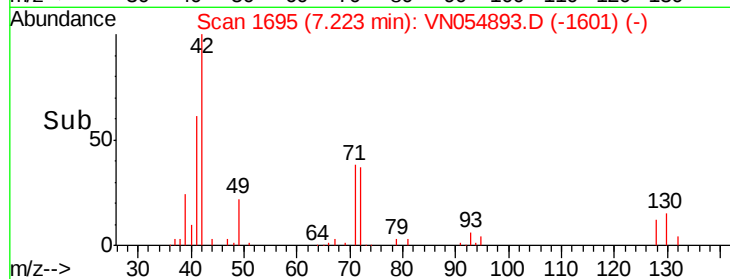
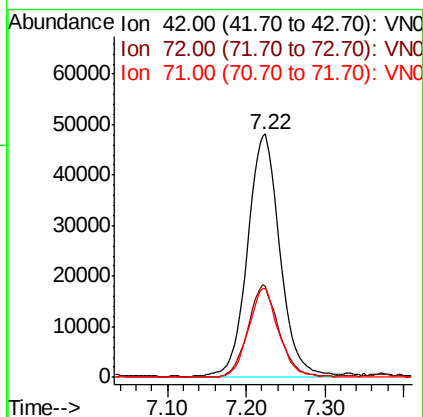
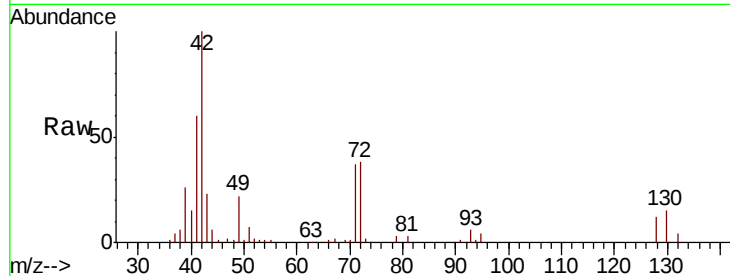




#29
Tetrahydrofuran
Concen: 107.410 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VN054893.D
Acq: 2 Apr 2019 11:27

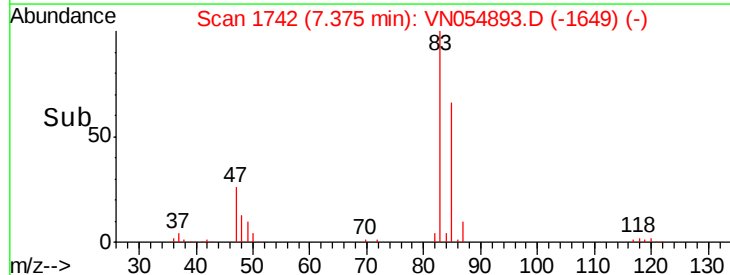
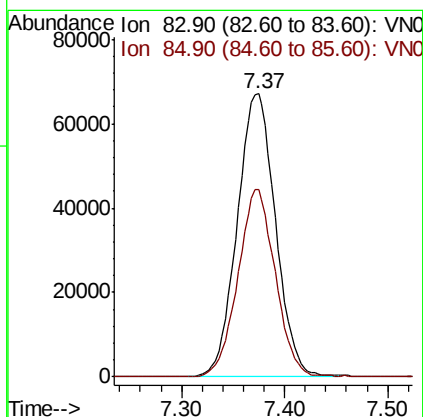
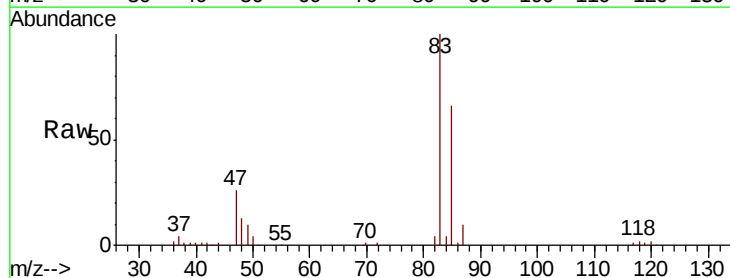
Instrument :
MSVOA_N
ClientSampleId :

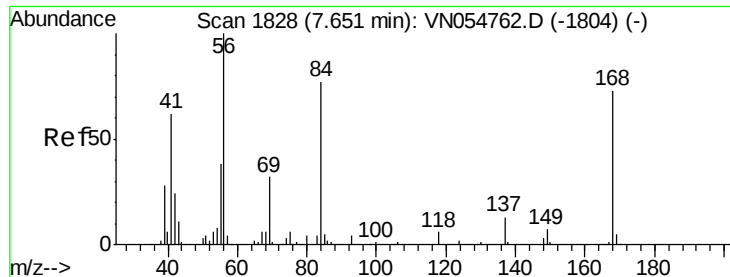
Tot Ion: 42 Resp: 139589
Ion Ratio Lower Upper
42 100
72 36.4 37.8 56.6#
71 34.6 36.2 54.2#



#30
Chloroform
Concen: 22.585 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN054893.D
Acq: 2 Apr 2019 11:27

Tgt Ion: 83 Resp: 173236
Ion Ratio Lower Upper
83 100
85 66.0 52.2 78.4

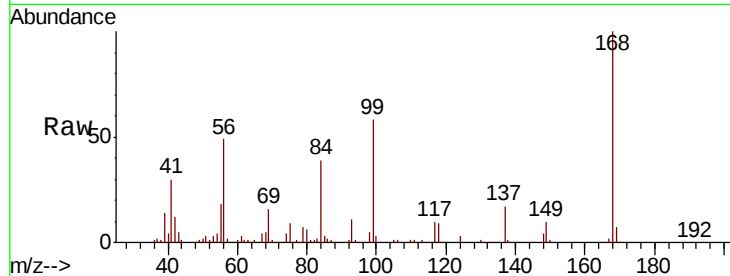




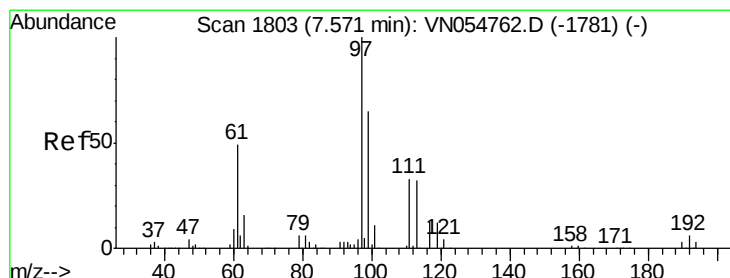
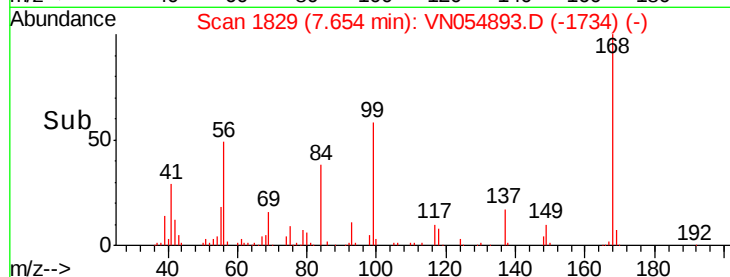
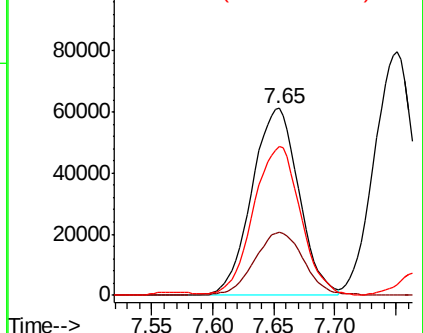
#31
Cyclohexane
Concen: 21.124 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN054893.D
Acq: 2 Apr 2019 11:27

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 163550
Ion Ratio Lower Upper
56 100
69 33.5 27.8 41.6
84 78.5 74.6 111.8

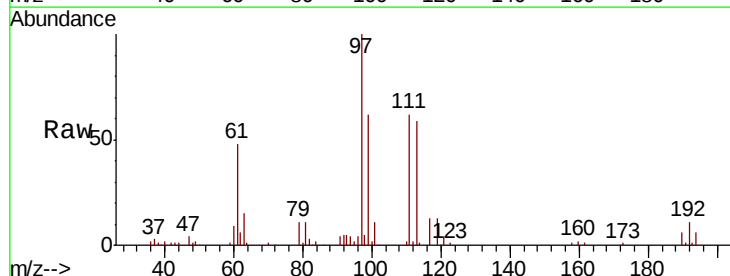


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

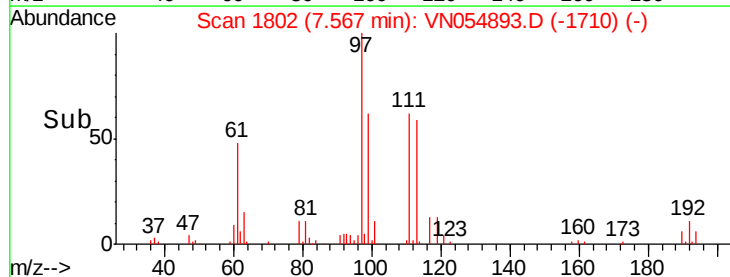
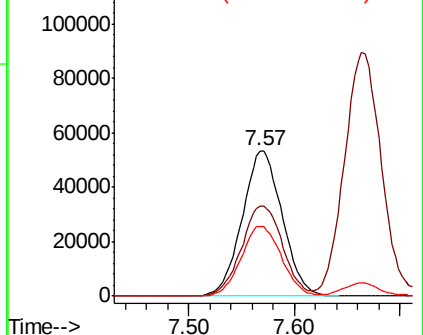


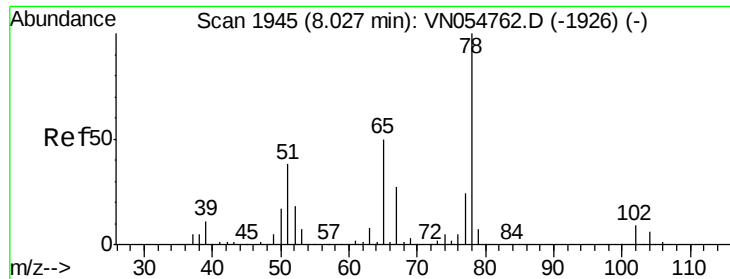
#32
1,1,1-Trichloroethane
Concen: 22.107 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN054893.D
Acq: 2 Apr 2019 11:27

Tgt Ion: 97 Resp: 140521
Ion Ratio Lower Upper
97 100
99 64.0 51.5 77.3
61 48.6 33.6 50.4



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

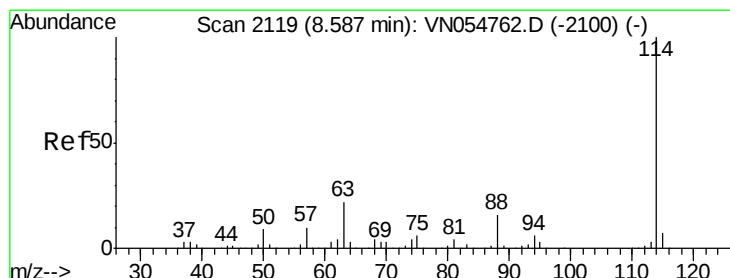
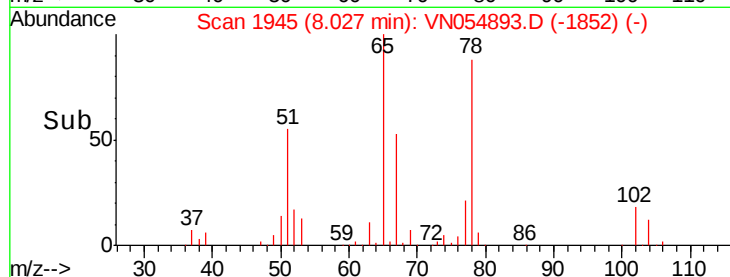
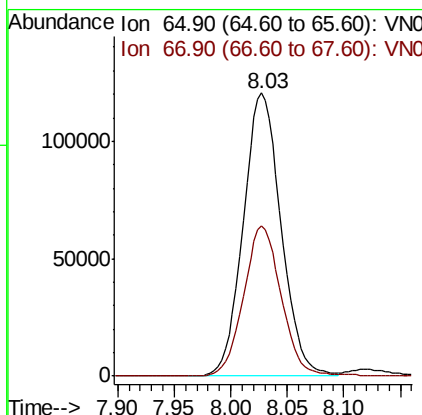
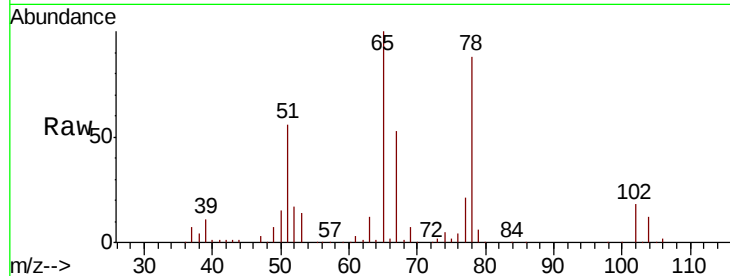




#33
 1,2-Dichloroethane-d4
 Concen: 52.731 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054893.D
 Acq: 2 Apr 2019 11:27

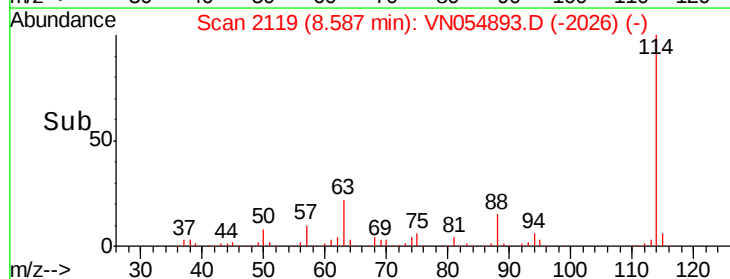
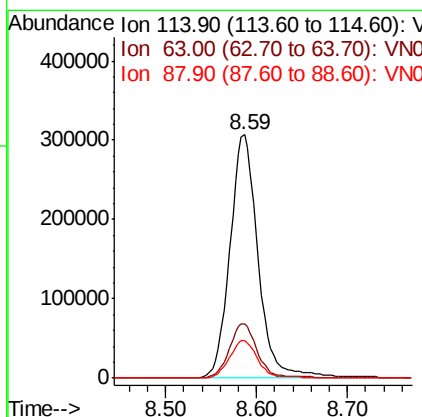
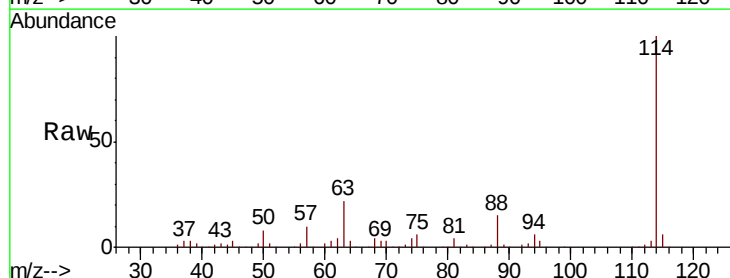
Instrument :
 MSVOA_N
 ClientSampleId :

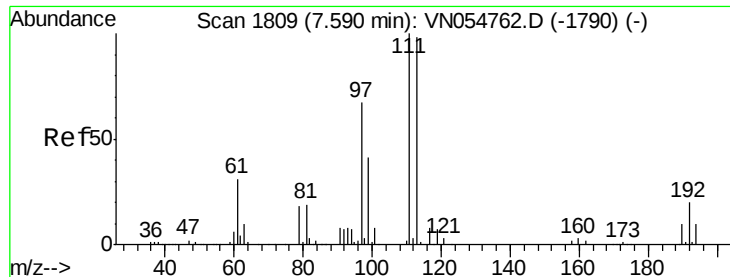
Tot Ion: 65 Resp: 279907
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054893.D
 Acq: 2 Apr 2019 11:27

Tgt Ion: 114 Resp: 658566
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 35.2
 88 15.3 0.0 30.2

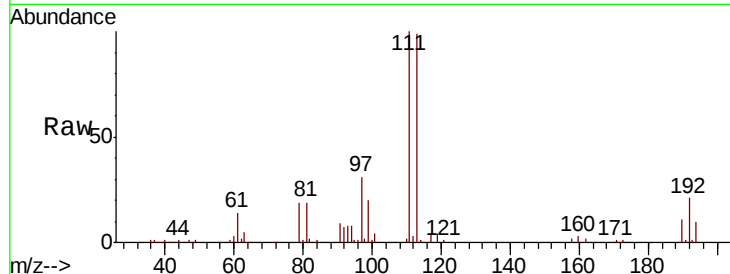




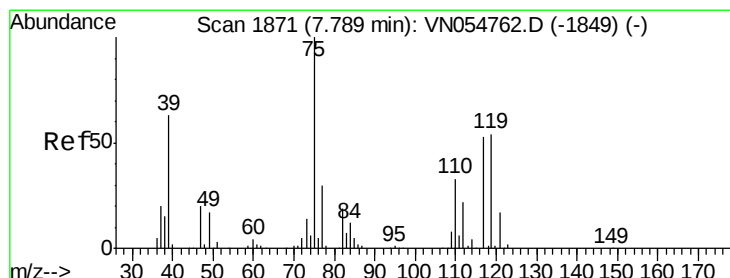
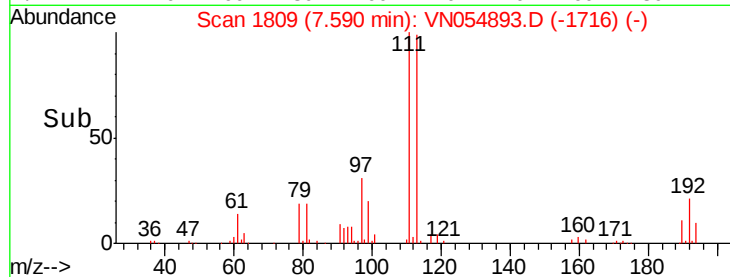
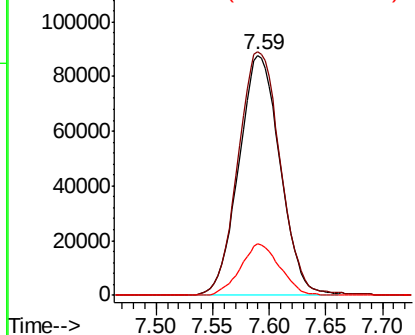
#35
 Dibromofluoromethane
 Concen: 50.668 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054893.D
 Acq: 2 Apr 2019 11:27

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 222464
 Ion Ratio Lower Upper
 113 100
 111 104.4 82.2 123.4
 192 20.6 19.2 28.8

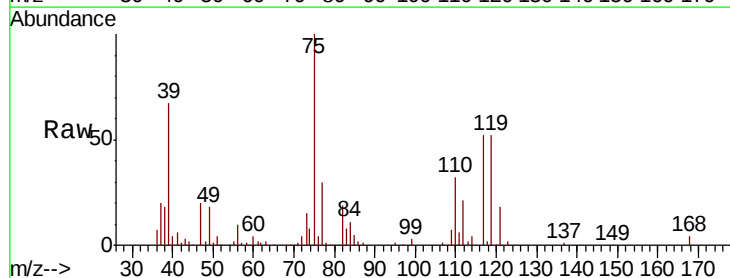


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

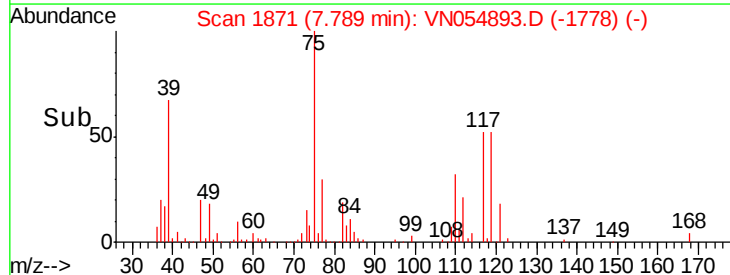
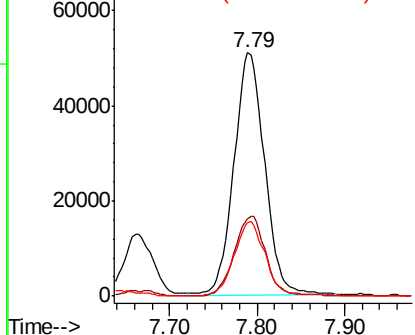


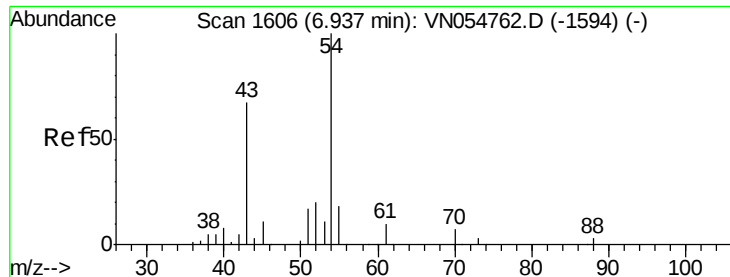
#36
 1,1-Dichloropropene
 Concen: 20.195 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN054893.D
 Acq: 2 Apr 2019 11:27

Tgt Ion: 75 Resp: 123930
 Ion Ratio Lower Upper
 75 100
 110 33.9 19.1 57.5
 77 31.0 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

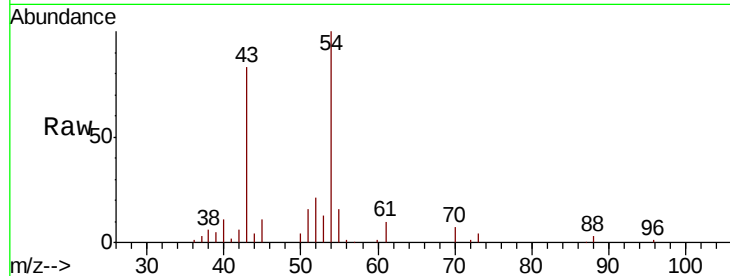




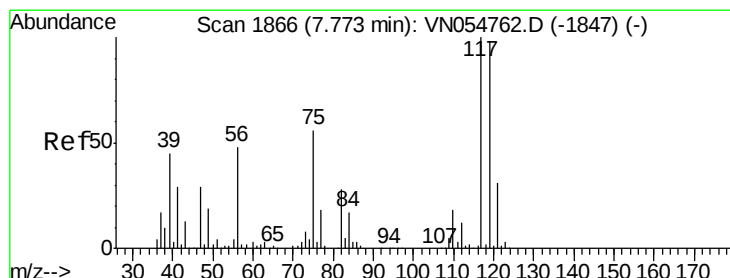
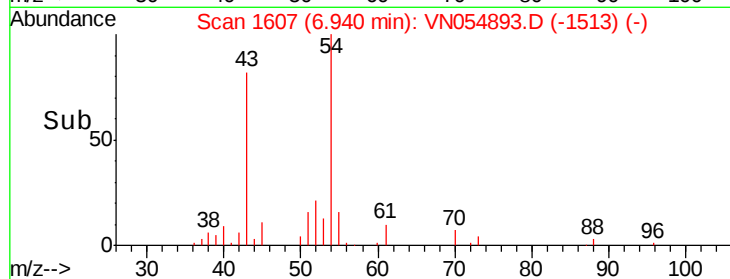
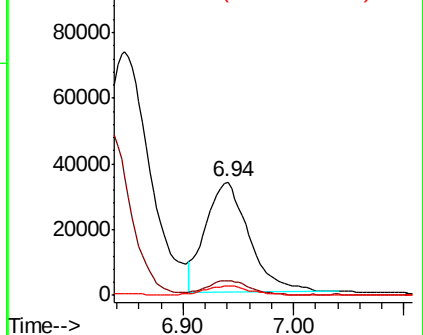
#37
Ethyl Acetate
Concen: 20.596 ug/l
RT: 6.94 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VN054893.D
Acq: 2 Apr 2019 11:27

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 92686
Ion Ratio Lower Upper
43 100
61 13.6 11.8 17.6
70 8.9 8.4 12.6

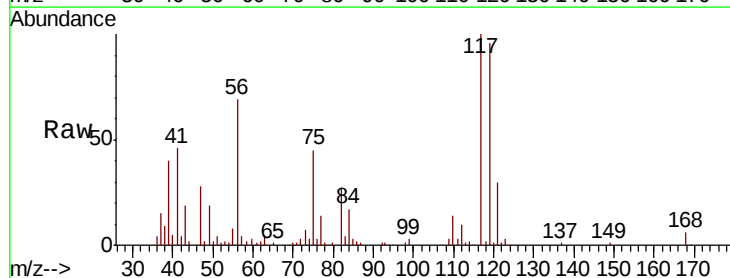


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

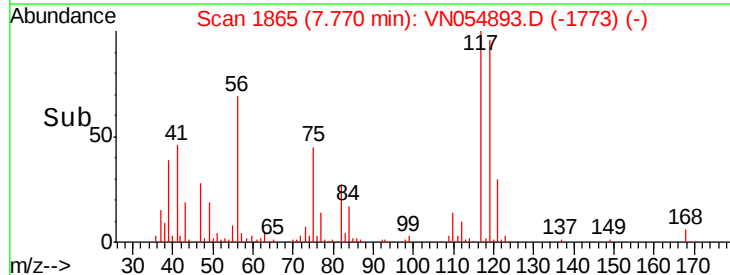
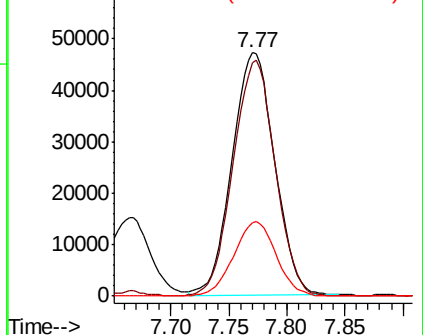


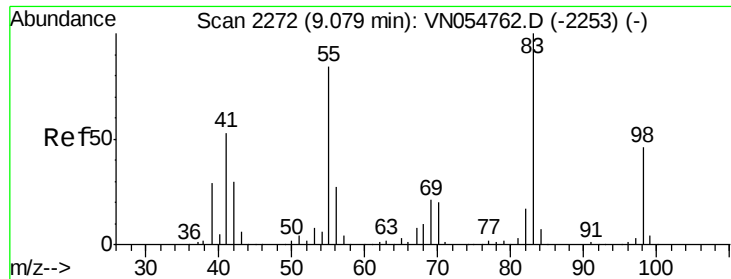
#38
Carbon Tetrachloride
Concen: 20.154 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN054893.D
Acq: 2 Apr 2019 11:27

Tgt Ion: 117 Resp: 120126
Ion Ratio Lower Upper
117 100
119 96.4 76.3 114.5
121 30.3 24.6 36.8



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

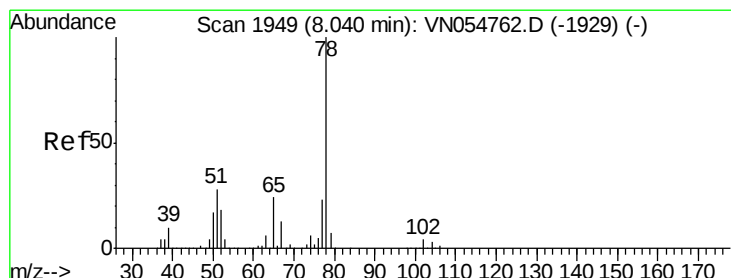
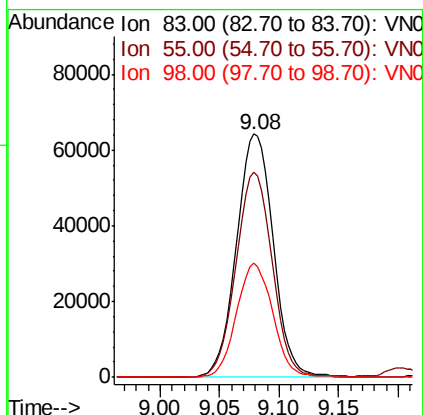
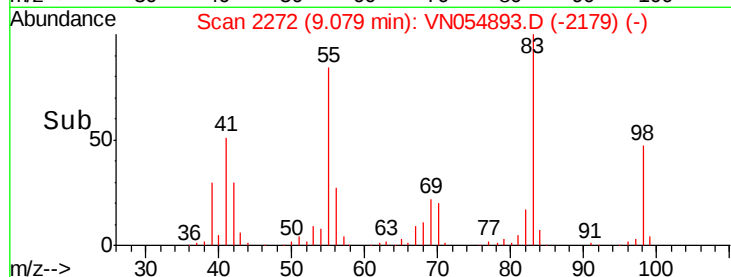
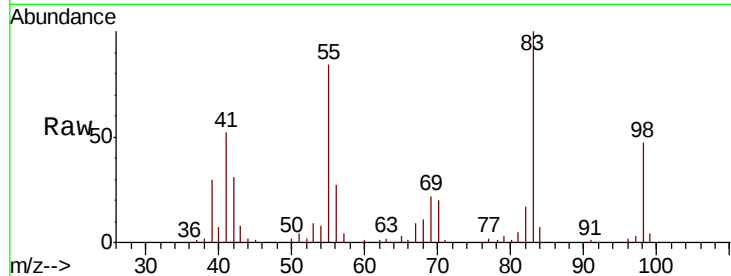




#39
Methvlcvclohexane
Concen: 20.431 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN054893.D
Acq: 2 Apr 2019 11:27

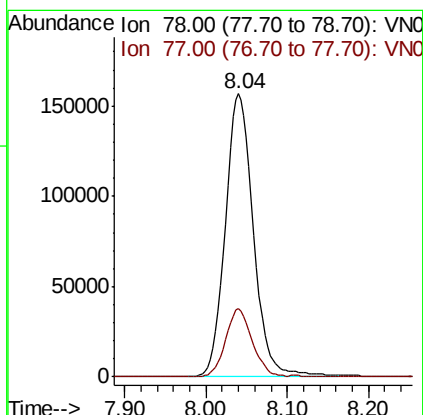
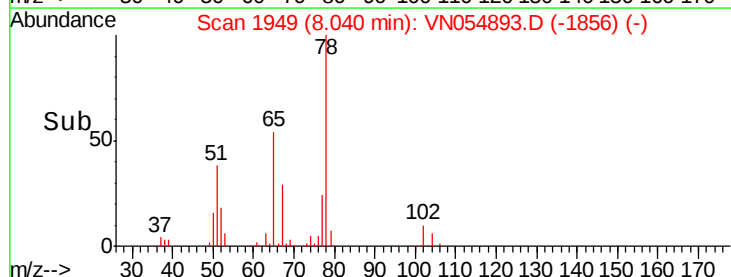
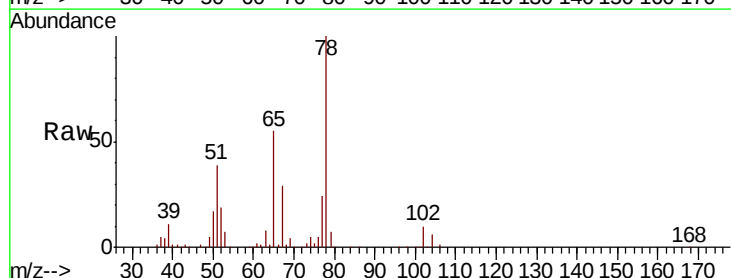
Instrument :
MSVOA_N
ClientSampled :

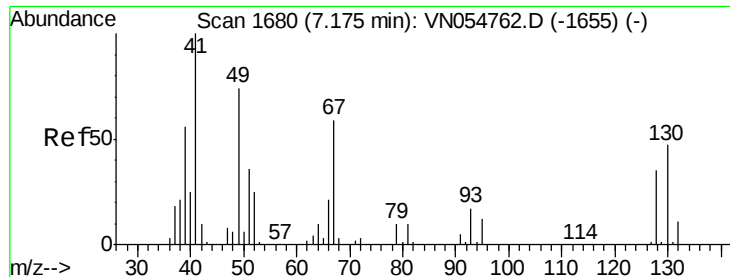
Tot Ion: 83 Resp: 137834
Ion Ratio Lower Upper
83 100
55 84.4 56.6 84.8
98 47.1 38.4 57.6



#40
Benzene
Concen: 21.715 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN054893.D
Acq: 2 Apr 2019 11:27

Tgt Ion: 78 Resp: 381303
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7





#41

Methacrylonitrile

Concen: 22.173 ug/l

RT: 7.18 min Scan# 1681

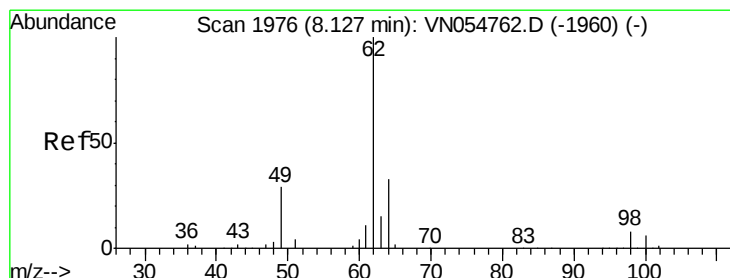
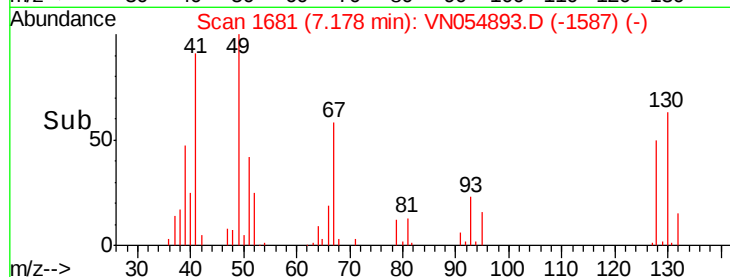
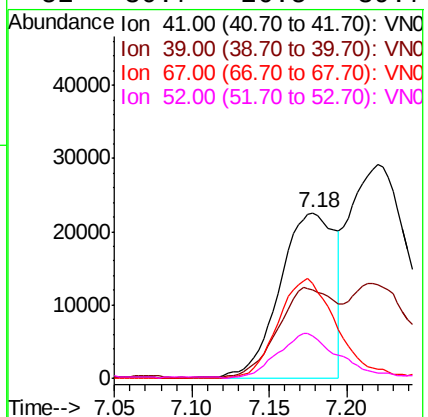
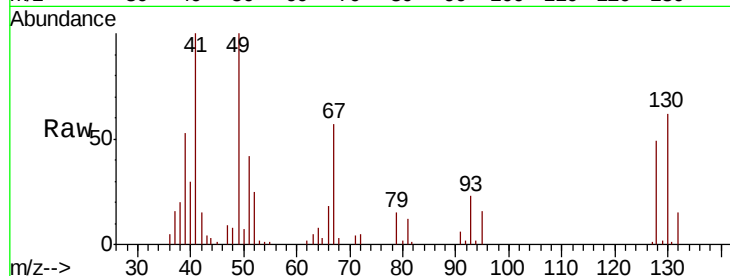
Delta R.T. 0.00 min

Lab File: VN054893.D

Acq: 2 Apr 2019 11:27

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	56051
Ion	Ratio	Lower	Upper
41	100		
39	57.3	46.8	70.2
67	64.1	67.0	100.4#
52	30.7	26.5	39.7



#42

1,2-Dichloroethane

Concen: 21.484 ug/l

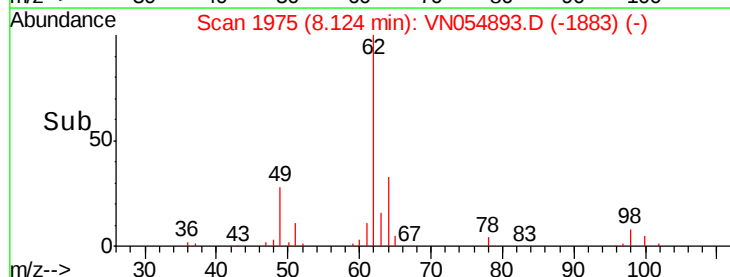
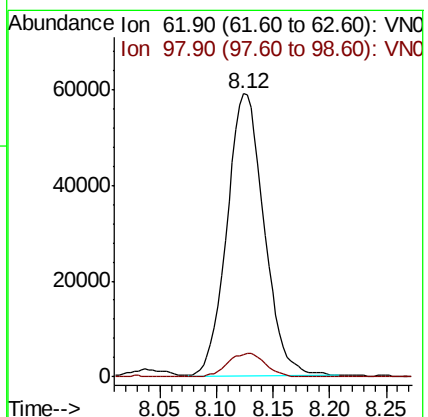
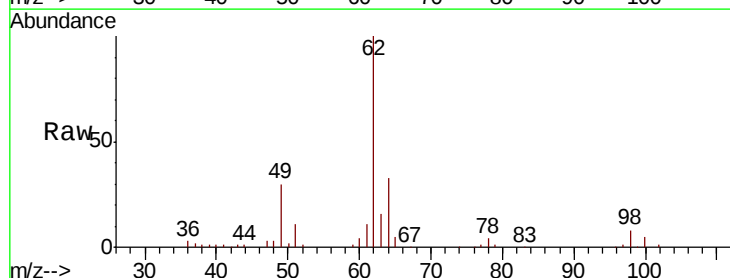
RT: 8.12 min Scan# 1975

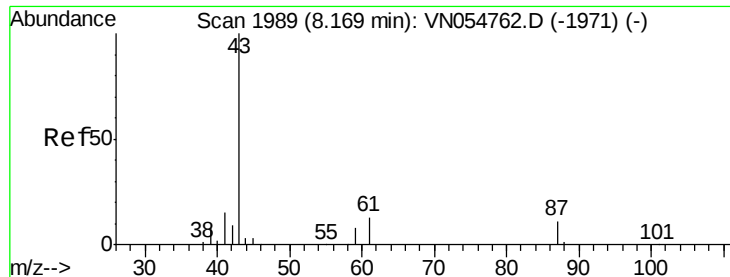
Delta R.T. -0.00 min

Lab File: VN054893.D

Acq: 2 Apr 2019 11:27

Tgt Ion:	62	Resp:	134699
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.4





#43

Isopropyl Acetate

Concen: 21.511 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054893.D

Acq: 2 Apr 2019 11:27

Instrument :

MSVOA_N

ClientSampled :

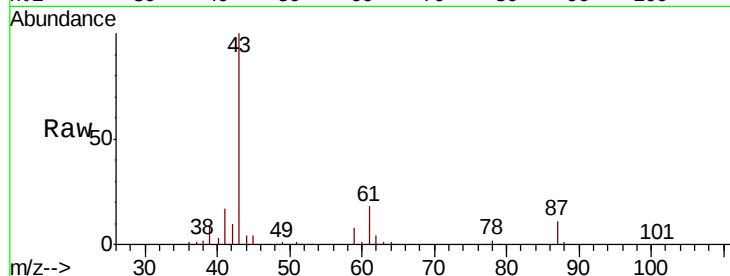
Tot Ion: 43 Resp: 157287

Ion Ratio Lower Upper

43 100

61 17.2 15.8 23.8

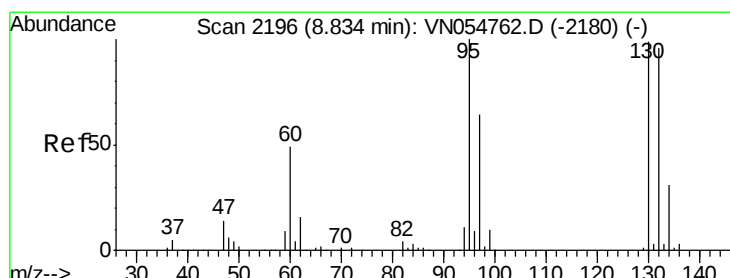
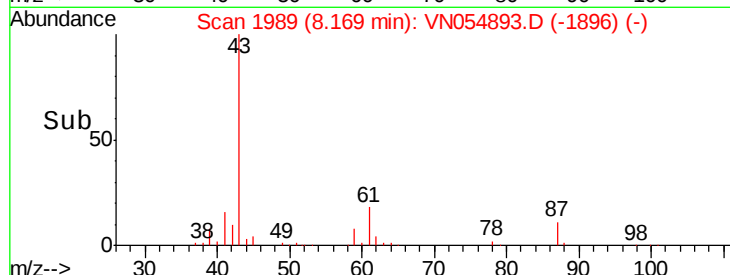
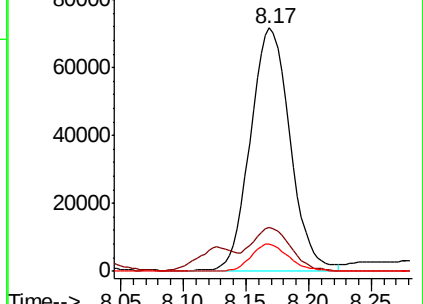
87 10.8 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN054893.D (-2103) (-)

Ion 61.00 (60.70 to 61.70): VN054893.D (-2103) (-)

Ion 87.00 (86.70 to 87.70): VN054893.D (-2103) (-)



#44

Trichloroethene

Concen: 21.487 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN054893.D

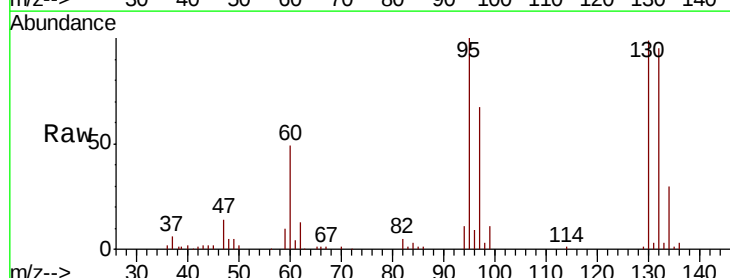
Acq: 2 Apr 2019 11:27

Tgt Ion:130 Resp: 97938

Ion Ratio Lower Upper

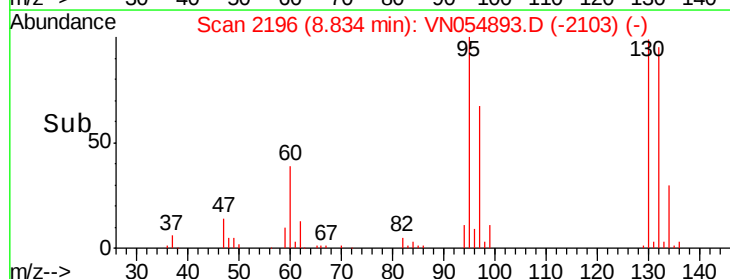
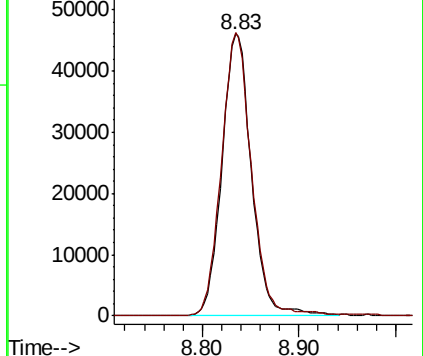
130 100

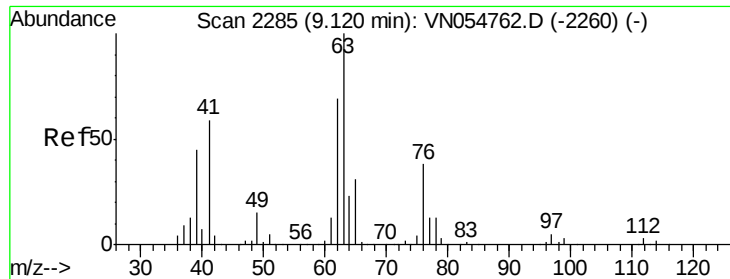
95 100.5 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): VN054893.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN054893.D (-2103) (-)

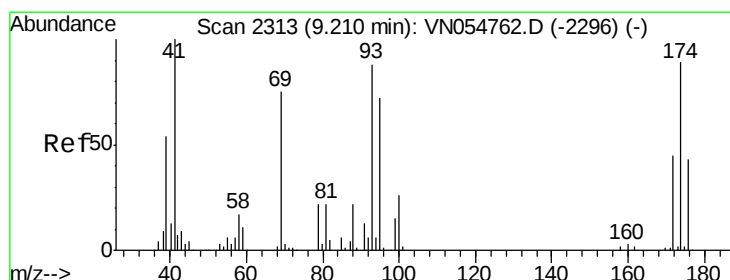
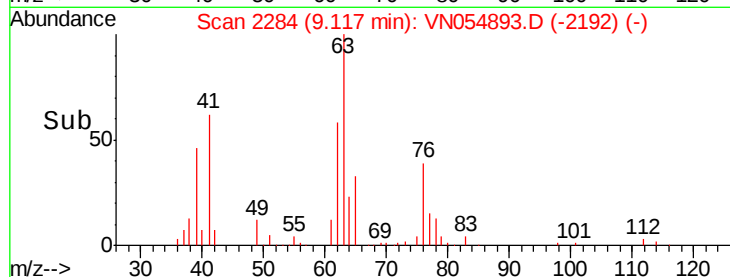
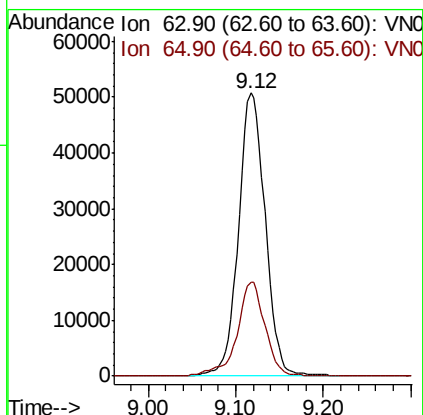
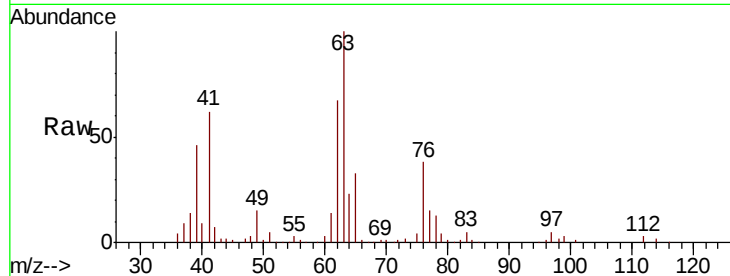




#45
 1,2-Dichloropropane
 Concen: 21.530 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN054893.D
 Acq: 2 Apr 2019 11:27

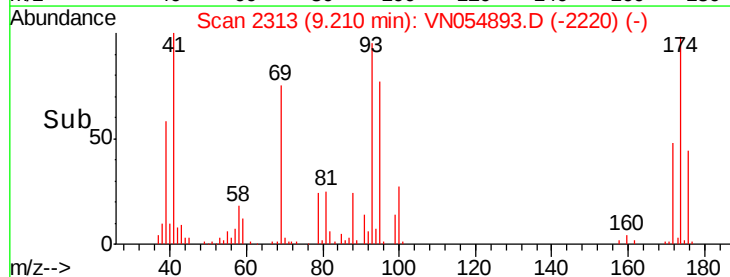
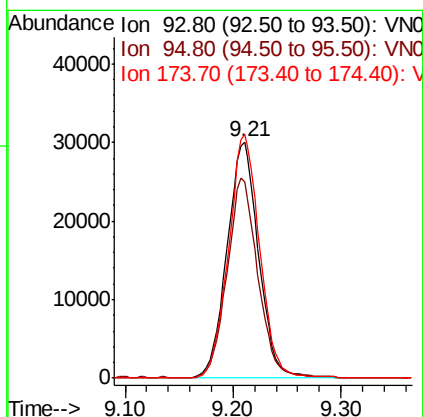
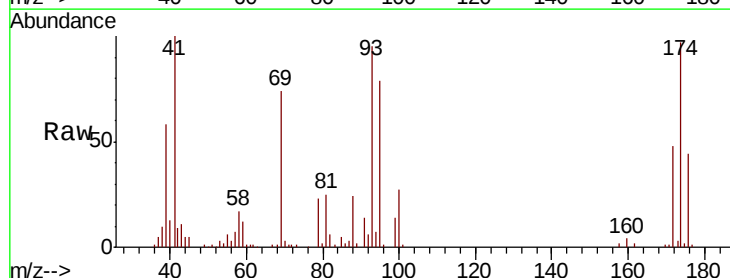
Instrument :
 MSVOA_N
 ClientSampled :

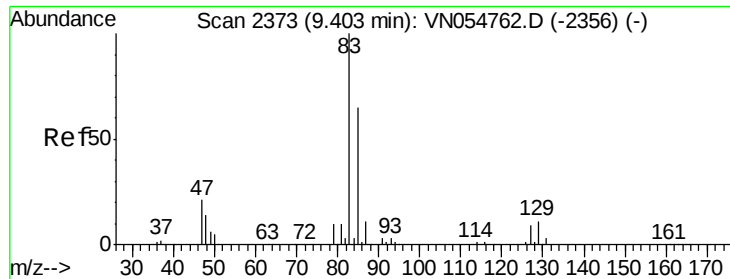
Tot Ion: 63 Resp: 107798
 Ion Ratio Lower Upper
 63 100
 65 33.3 25.0 37.6



#46
 Dibromomethane
 Concen: 21.752 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN054893.D
 Acq: 2 Apr 2019 11:27

Tgt Ion: 93 Resp: 61266
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.7 100.1
 174 101.4 98.5 147.7





#47

Bromodichloromethane

Concen: 21.992 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN054893.D

Acq: 2 Apr 2019 11:27

Instrument :
MSVOA_N
ClientSampleId :

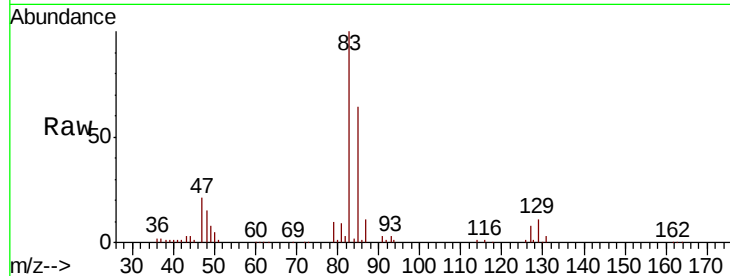
Tot Ion: 83 Resp: 128732

Ion Ratio Lower Upper

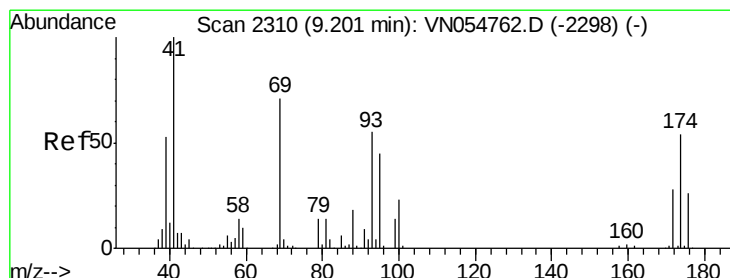
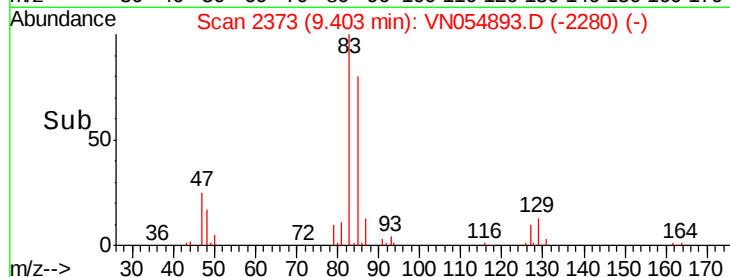
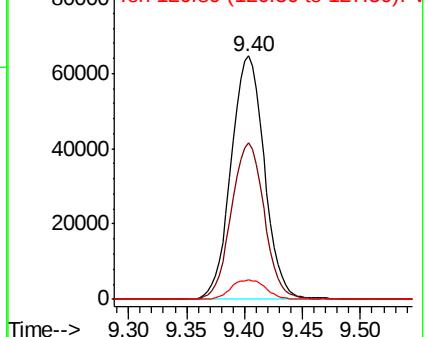
83 100

85 64.3 52.8 79.2

127 7.8 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: 19.482 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN054893.D

Acq: 2 Apr 2019 11:27

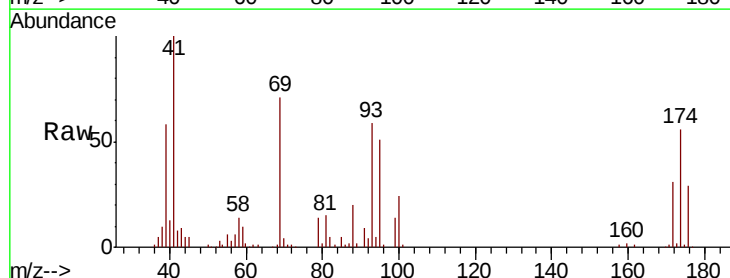
Tgt Ion: 41 Resp: 77220

Ion Ratio Lower Upper

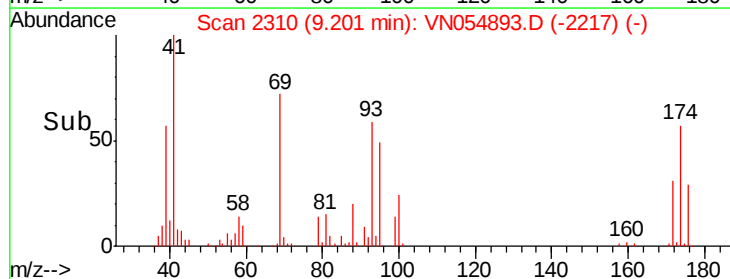
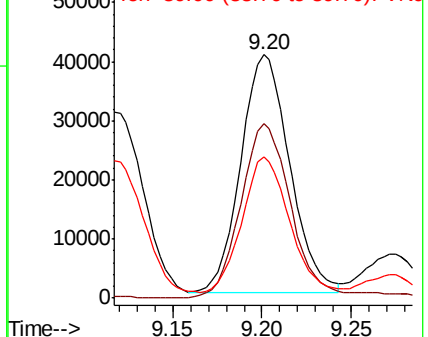
41 100

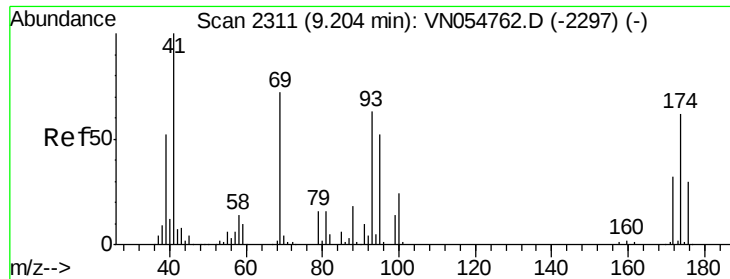
69 76.3 72.6 108.8

39 59.3 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: 441.386 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN054893.D

Acq: 2 Apr 2019 11:27

Instrument :

MSVOA_N

ClientSampled :

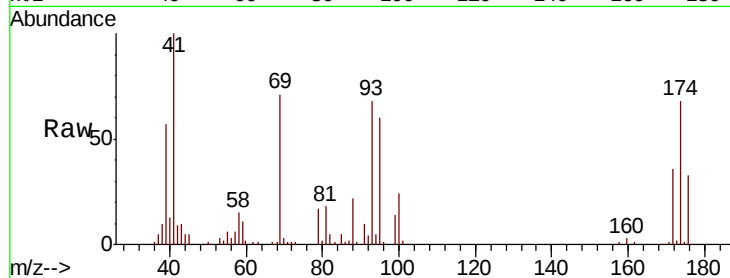
Tot Ion: 88 Resp: 17359

Ion Ratio Lower Upper

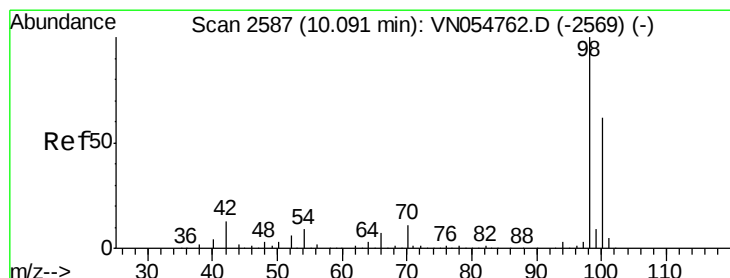
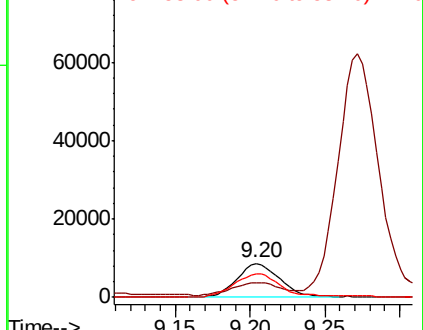
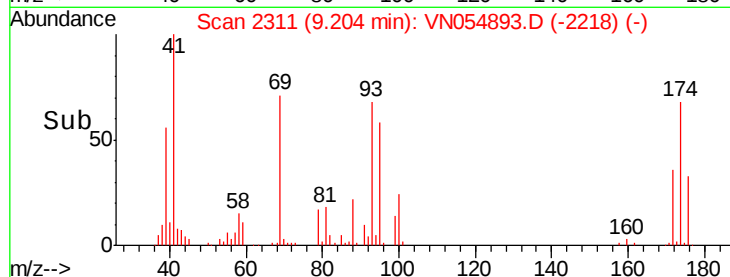
88 100

43 41.2 24.1 36.1#

58 75.7 50.8 76.2



Abundance Ion 88.00 (87.70 to 88.70): VN054893.D (-2218) (-)



#50

Toluene-d8

Concen: 51.070 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054893.D

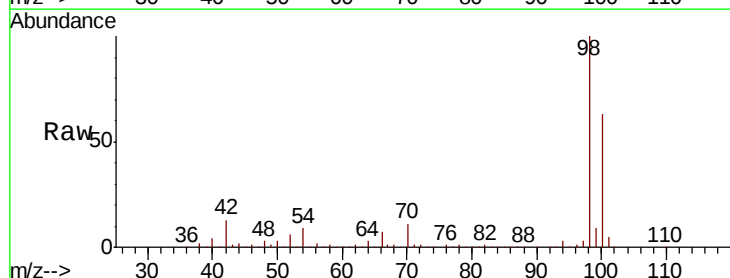
Acq: 2 Apr 2019 11:27

Tgt Ion: 98 Resp: 833627

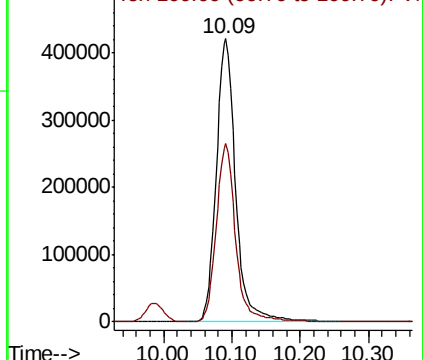
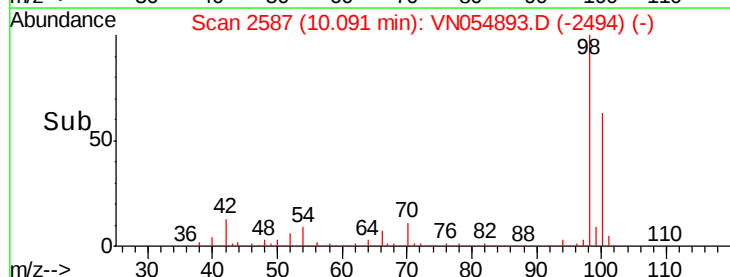
Ion Ratio Lower Upper

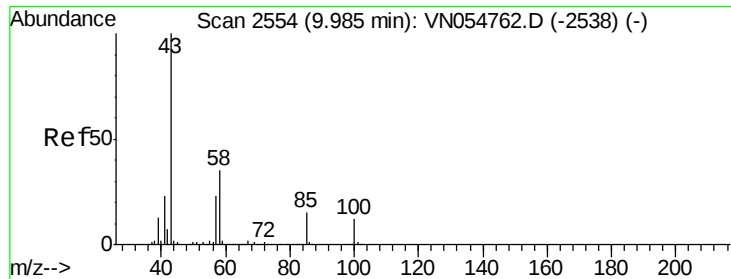
98 100

100 62.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054893.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 106.454 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN054893.D

Acq: 2 Apr 2019 11:27

Instrument :

MSVOA_N

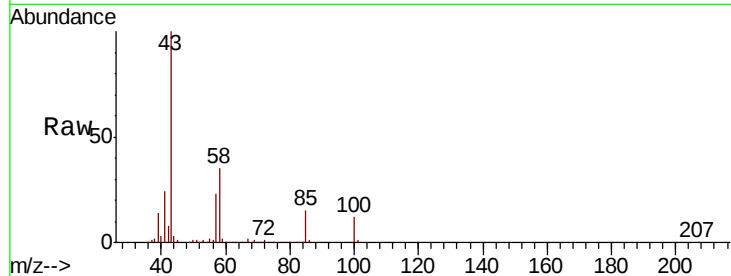
ClientSampleId :

Tot Ion: 43 Resp: 437633

Ion Ratio Lower Upper

43 100

58 35.4 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN054762.D (-2538) (-)

Ion 58.00 (57.70 to 58.70): VN054762.D (-2538) (-)

9.99

250000

200000

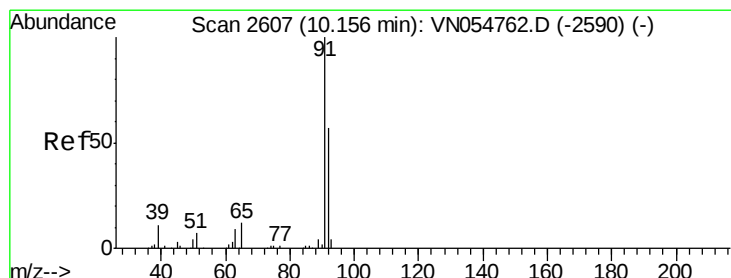
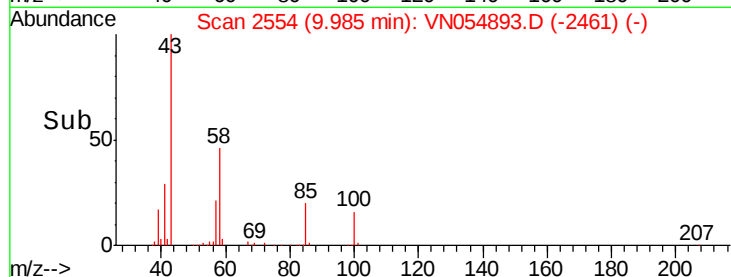
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 22.040 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054893.D

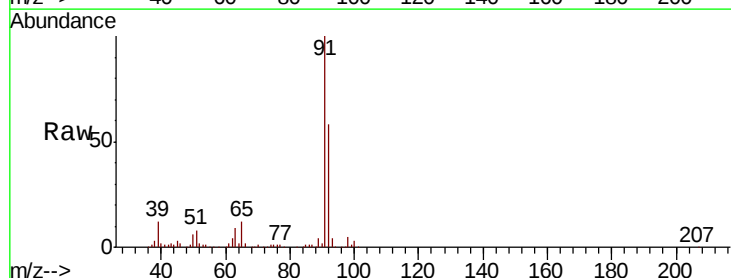
Acq: 2 Apr 2019 11:27

Tgt Ion: 92 Resp: 230277

Ion Ratio Lower Upper

92 100

91 171.0 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN054762.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN054762.D (-2590) (-)

10.16

200000

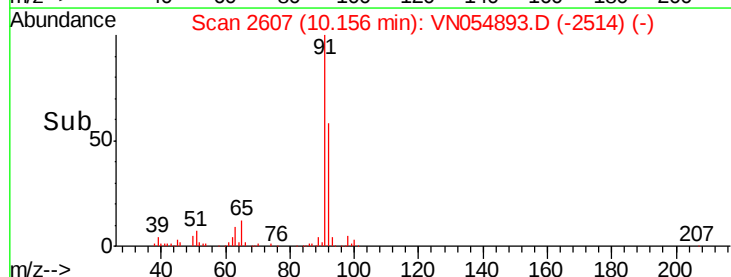
150000

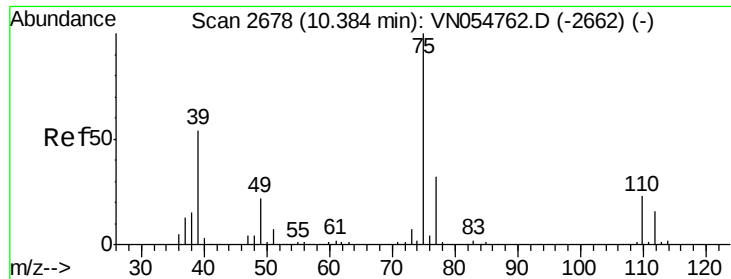
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.463 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN054893.D

Acq: 2 Apr 2019 11:27

Instrument :

MSVOA_N

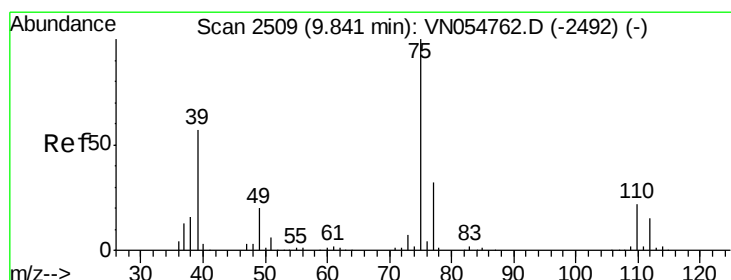
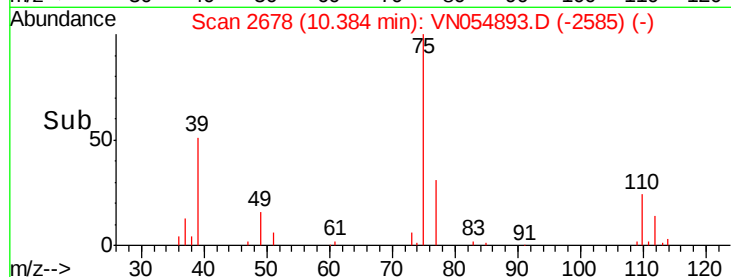
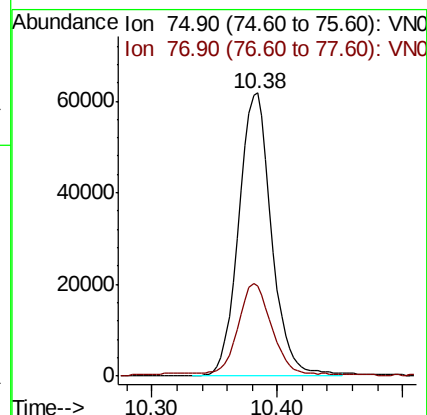
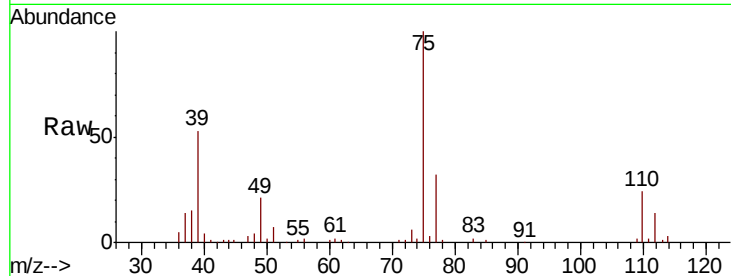
ClientSampleId :

Tot Ion: 75 Resp: 112677

Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 21.714 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN054893.D

Acq: 2 Apr 2019 11:27

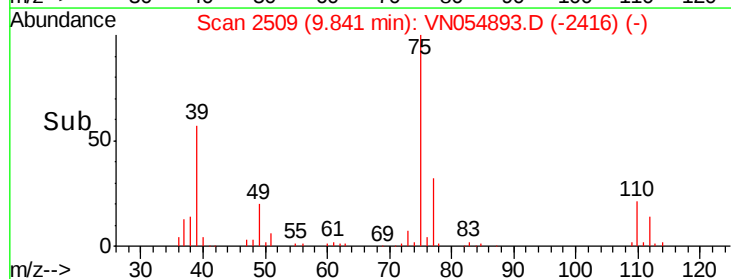
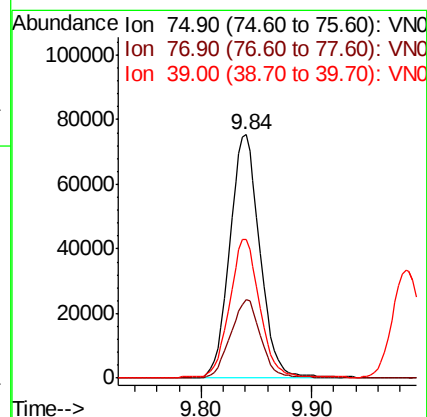
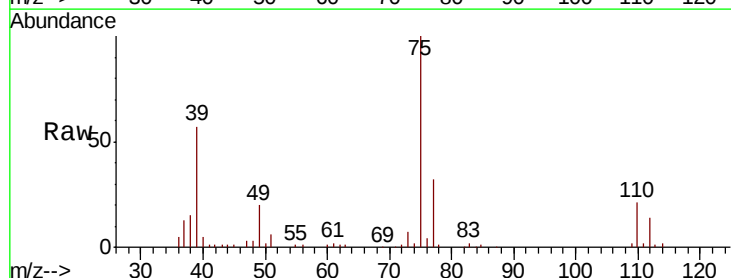
Tgt Ion: 75 Resp: 142823

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0

39 56.6 37.2 55.8#

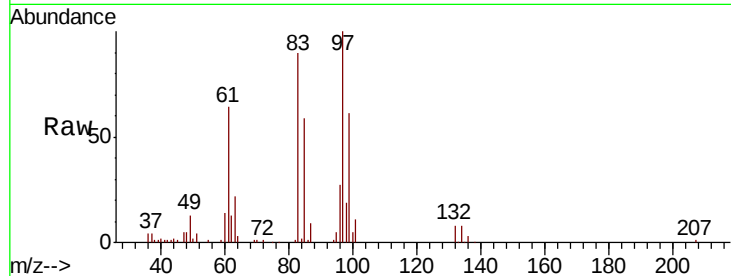




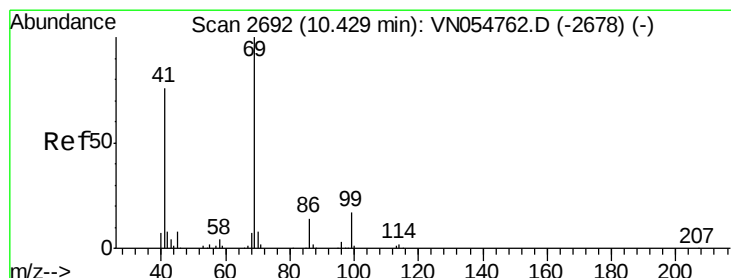
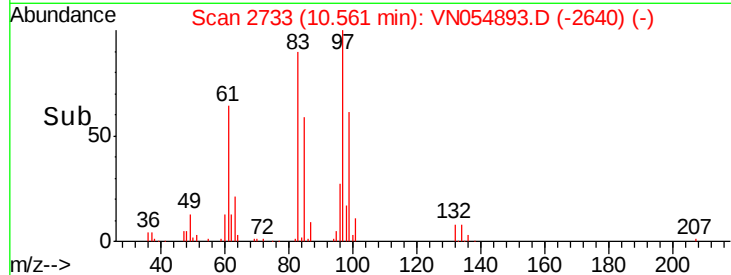
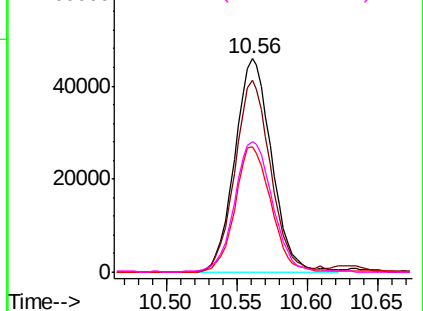
#55
 1,1,2-Trichloroethane
 Concen: 21.626 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN054893.D
 Acq: 2 Apr 2019 11:27

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	84018
Ion	Ratio	Lower	Upper
97	100		
83	89.7	66.6	100.0
85	58.7	44.4	66.6
99	60.8	50.8	76.2

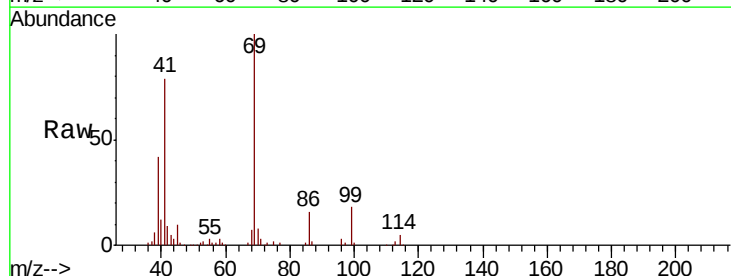


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

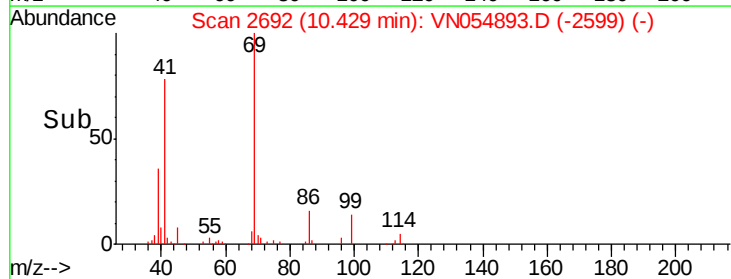
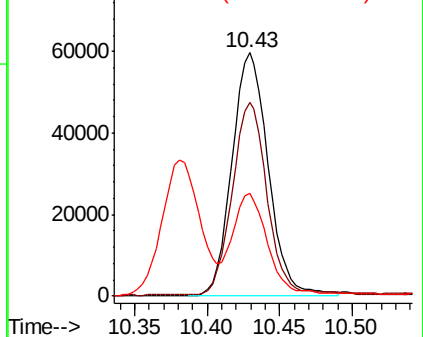


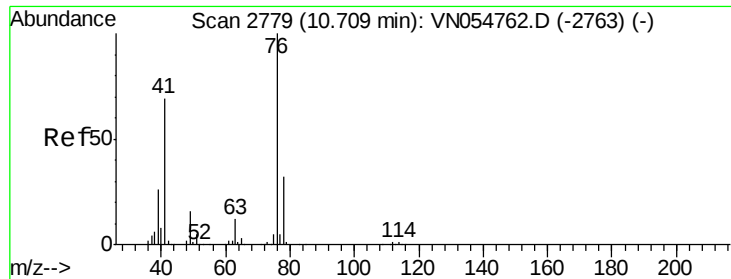
#56
 Ethyl methacrylate
 Concen: 20.450 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN054893.D
 Acq: 2 Apr 2019 11:27

Tgt Ion:	69	Resp:	104224
Ion	Ratio	Lower	Upper
69	100		
41	75.8	49.4	74.2#
39	39.7	28.3	42.5



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

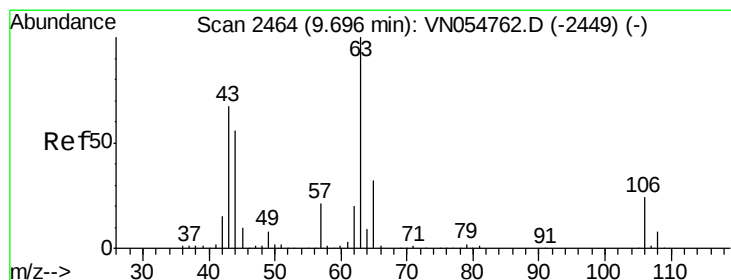
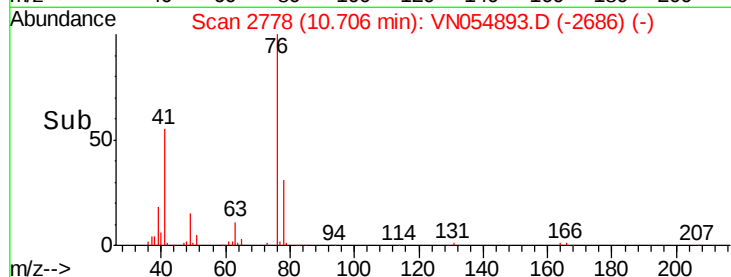
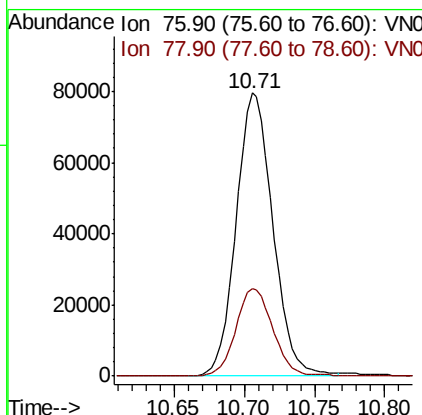
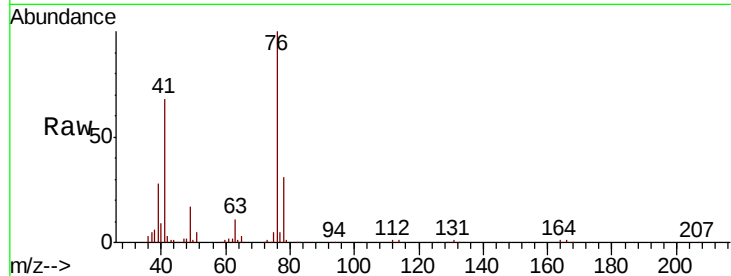




#57
 1,3-Dichloropropane
 Concen: 21.764 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN054893.D
 Acq: 2 Apr 2019 11:27

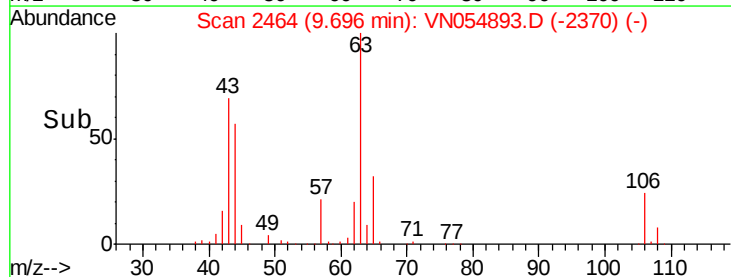
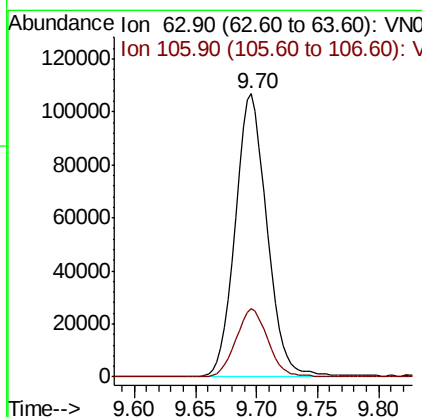
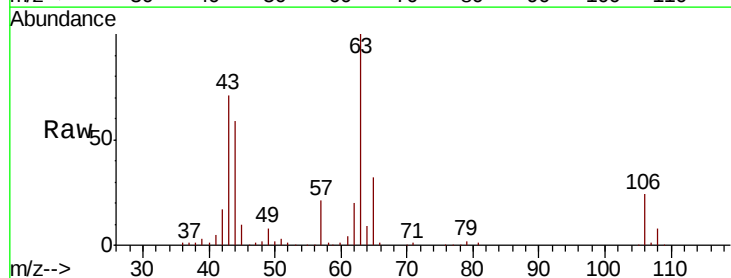
Instrument :
 MSVOA_N
 ClientSampled :

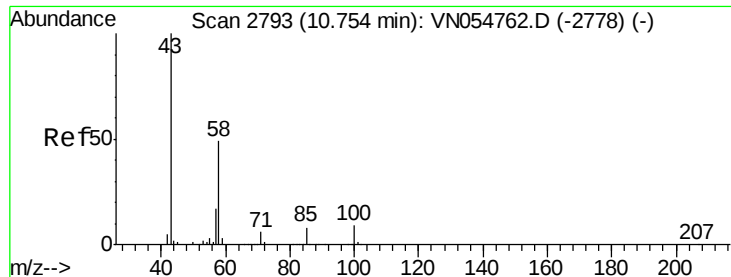
Tot Ion: 76 Resp: 145368
 Ion Ratio Lower Upper
 76 100
 78 31.2 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.295 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN054893.D
 Acq: 2 Apr 2019 11:27

Tgt Ion: 63 Resp: 192239
 Ion Ratio Lower Upper
 63 100
 106 24.1 24.4 36.6#

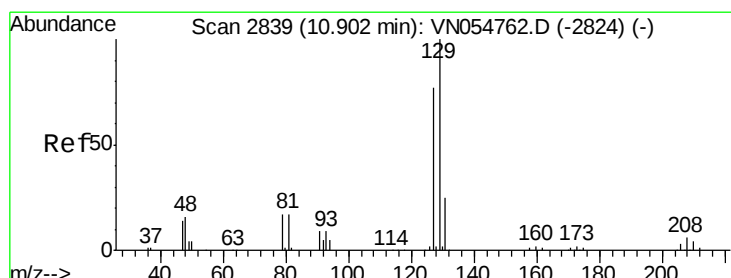
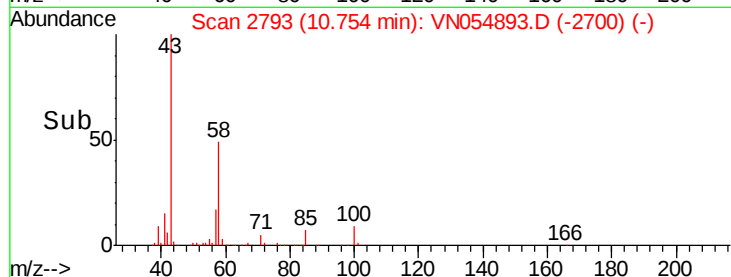
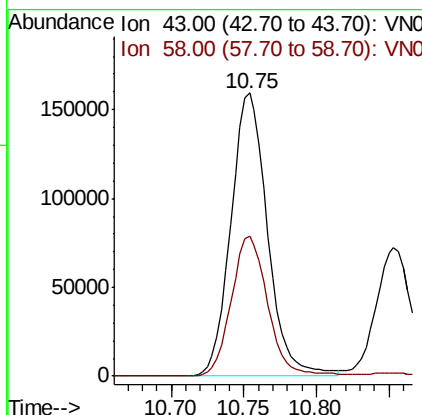
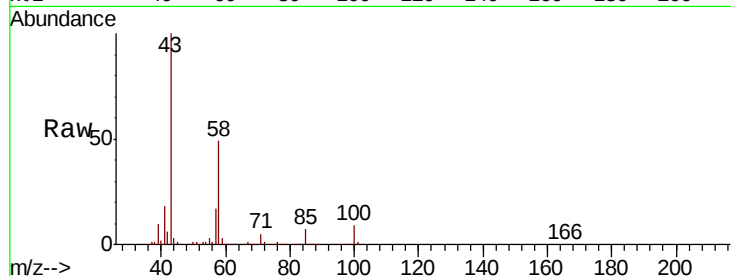




#59
2-Hexanone
Concen: 105.168 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN054893.D
Acq: 2 Apr 2019 11:27

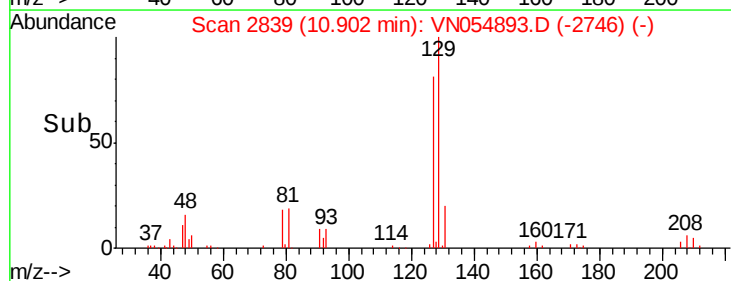
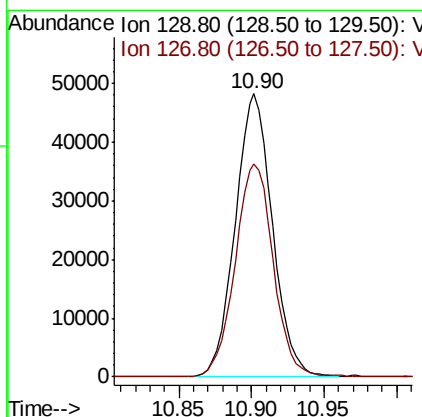
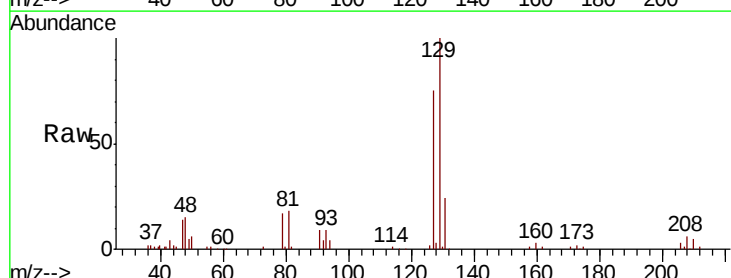
Instrument :
MSVOA_N
ClientSampleId :

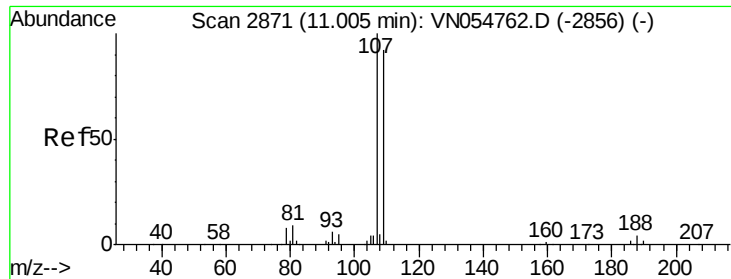
Tot Ion: 43 Resp: 276770
Ion Ratio Lower Upper
43 100
58 49.6 28.0 83.9



#60
Dibromochloromethane
Concen: 21.810 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN054893.D
Acq: 2 Apr 2019 11:27

Tgt Ion:129 Resp: 85832
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8





#61

1,2-Dibromoethane

Concen: 21.690 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN054893.D

Acq: 2 Apr 2019 11:27

Instrument :

MSVOA_N

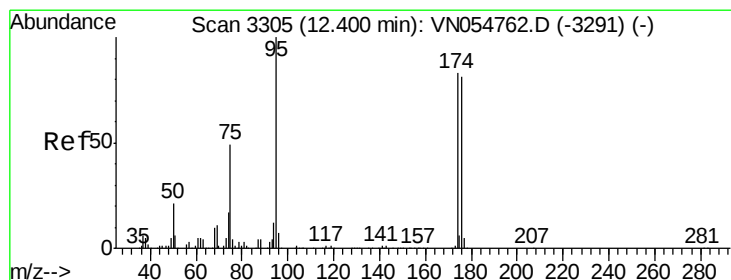
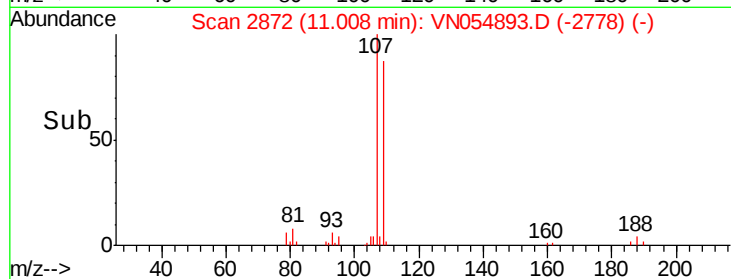
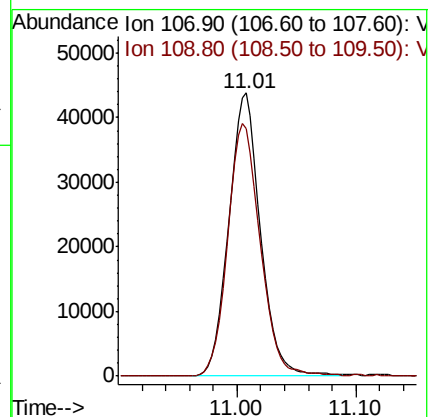
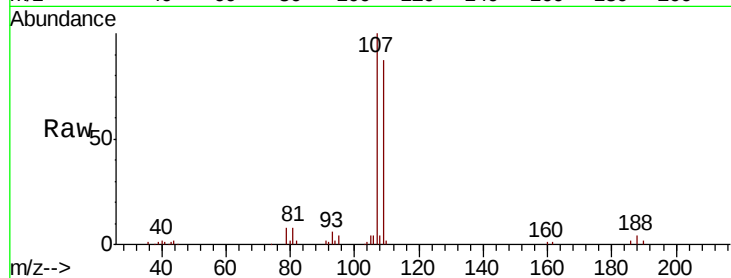
ClientSampleId :

Tot Ion:107 Resp: 80530

Ion Ratio Lower Upper

107 100

109 92.1 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 49.792 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054893.D

Acq: 2 Apr 2019 11:27

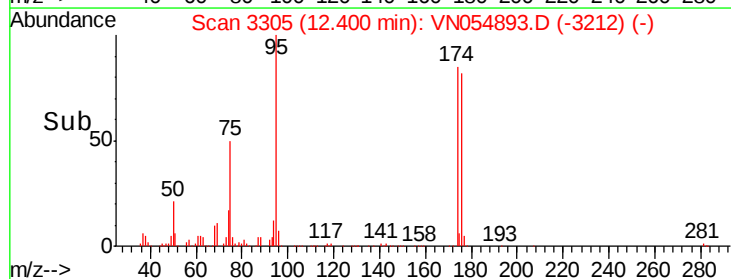
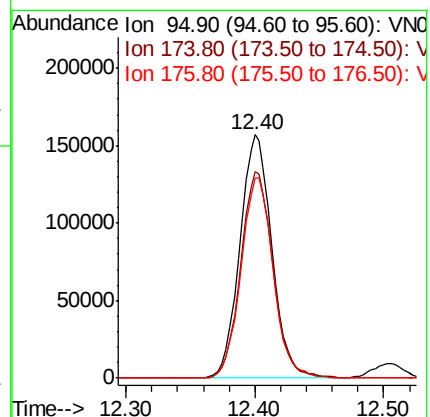
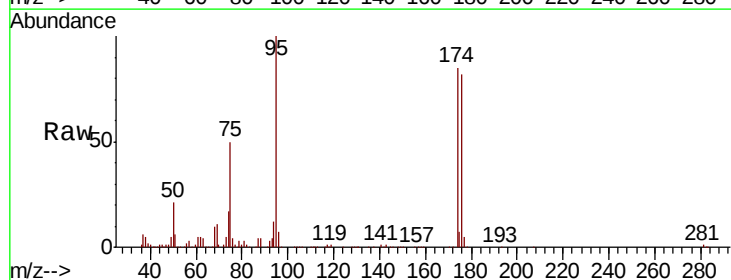
Tgt Ion: 95 Resp: 270305

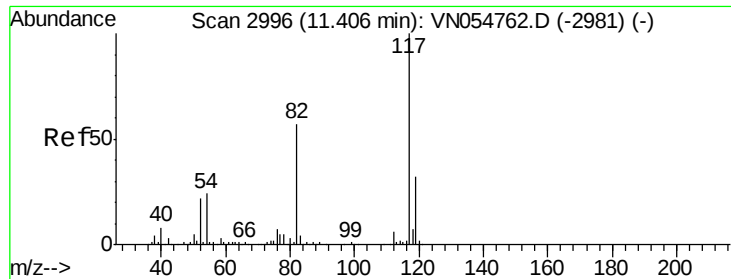
Ion Ratio Lower Upper

95 100

174 85.7 0.0 191.0

176 83.1 0.0 187.4

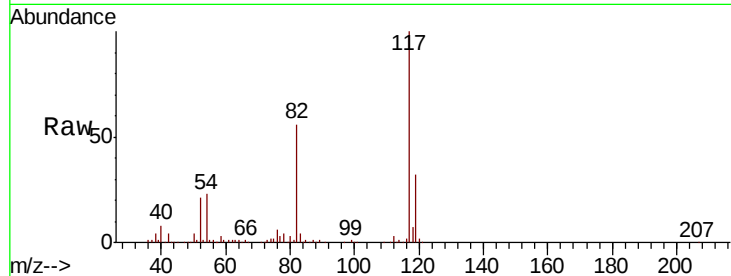




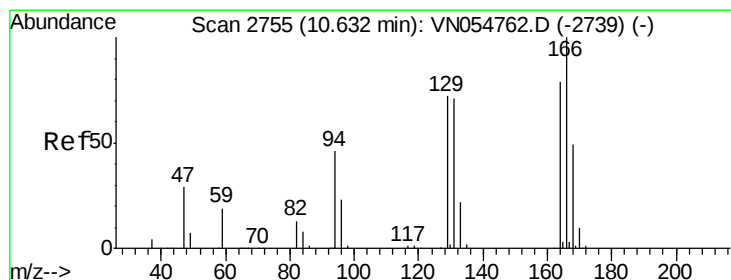
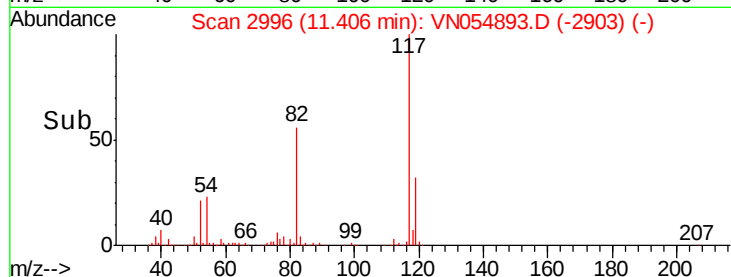
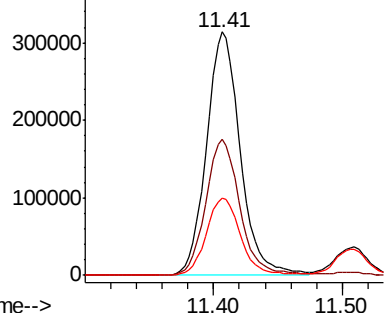
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054893.D
Acq: 2 Apr 2019 11:27

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 570304
Ion Ratio Lower Upper
117 100
82 55.7 40.0 60.0
119 31.9 25.8 38.6

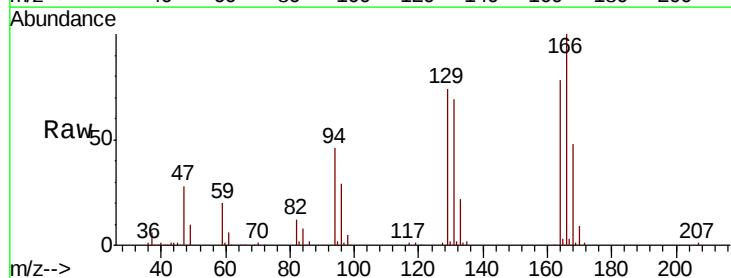


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

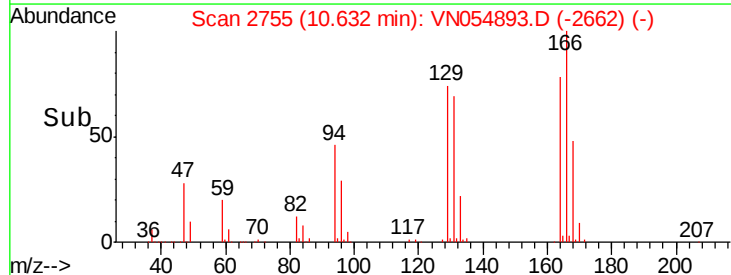
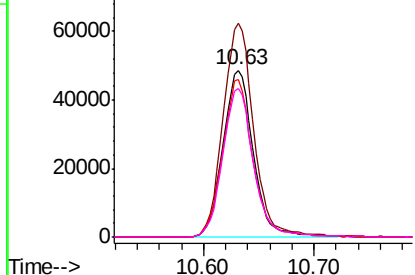


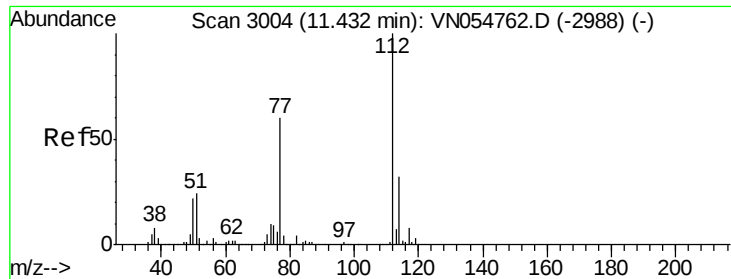
#64
Tetrachloroethene
Concen: 21.233 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN054893.D
Acq: 2 Apr 2019 11:27

Tgt Ion:164 Resp: 92924
Ion Ratio Lower Upper
164 100
166 127.9 103.9 155.9
129 94.5 71.1 106.7
131 88.5 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: 21.109 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN054893.D

Acq: 2 Apr 2019 11:27

Instrument :

MSVOA_N

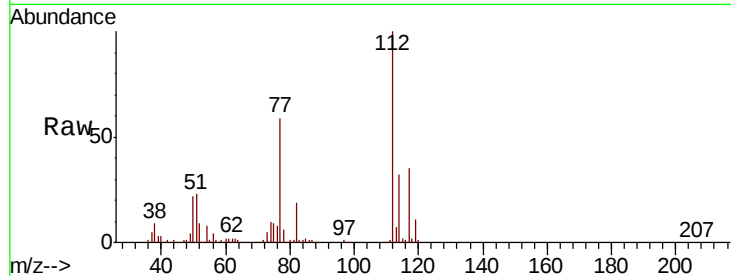
ClientSampled :

Tot Ion:112 Resp: 235700

Ion Ratio Lower Upper

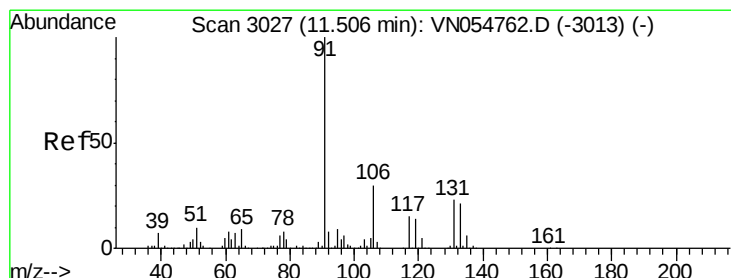
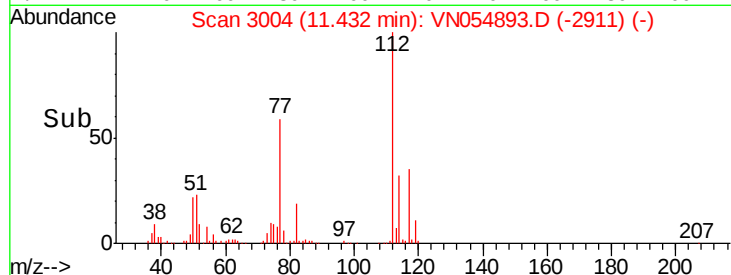
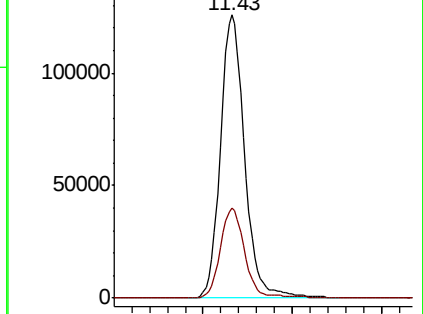
112 100

114 31.7 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.153 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN054893.D

Acq: 2 Apr 2019 11:27

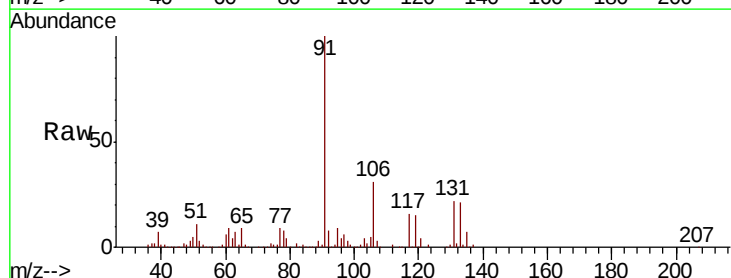
Tgt Ion:131 Resp: 88407

Ion Ratio Lower Upper

131 100

133 96.1 47.6 142.9

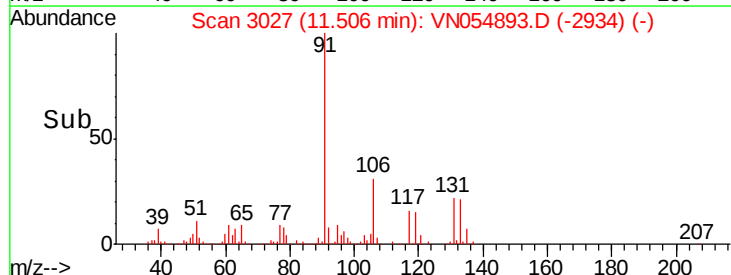
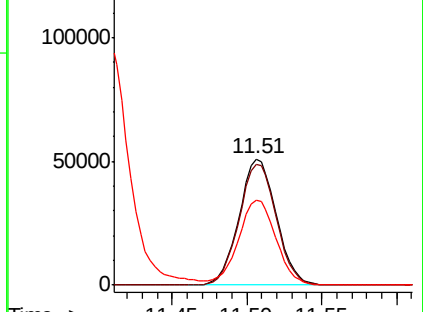
119 68.4 32.4 97.0

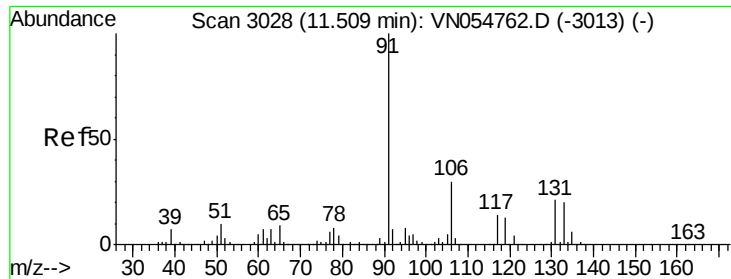


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

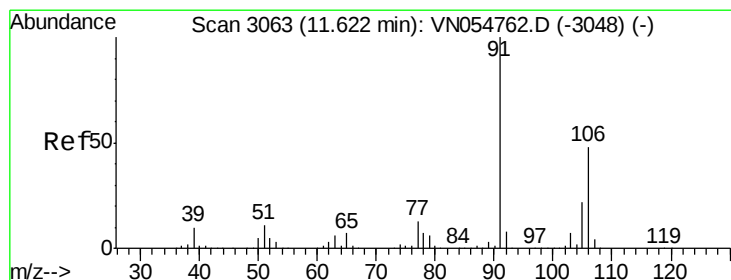
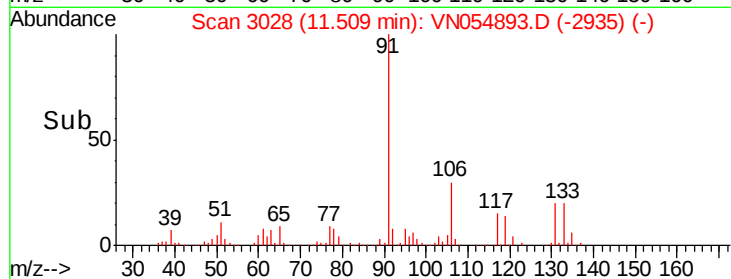
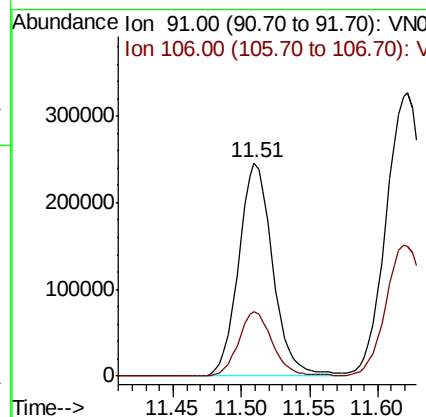
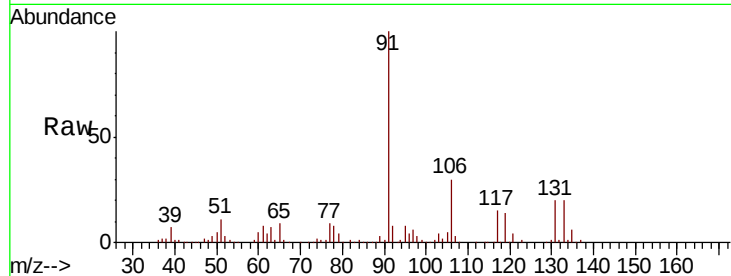




#67
Ethyl Benzene
Concen: 21.216 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054893.D
Acq: 2 Apr 2019 11:27

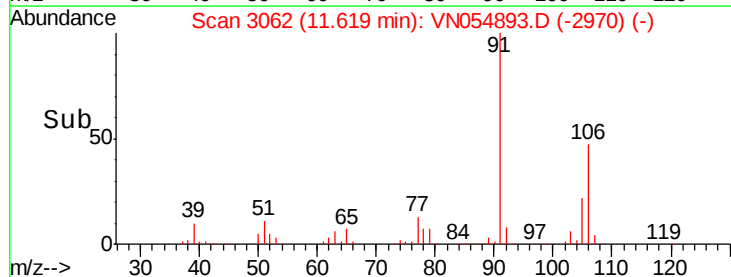
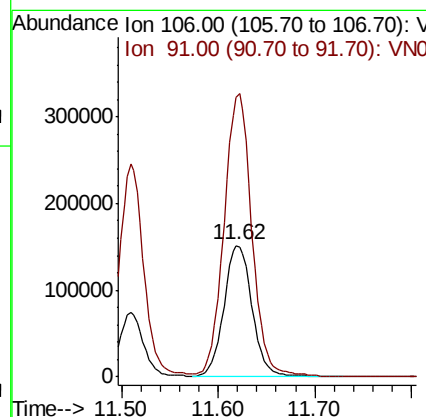
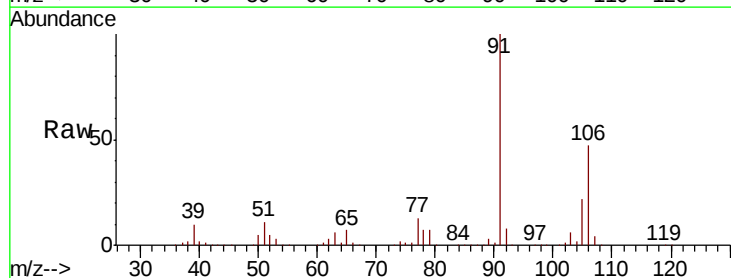
Instrument :
MSVOA_N
ClientSampled :

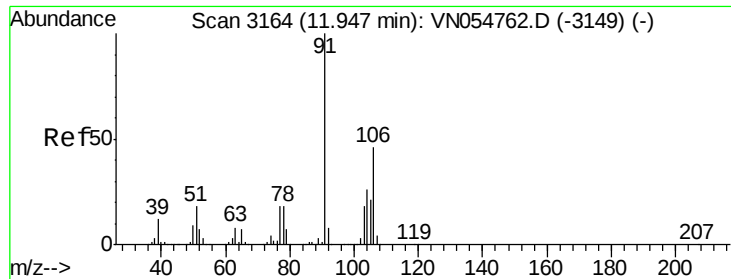
Tot Ion: 91 Resp: 427490
Ion Ratio Lower Upper
91 100
106 30.5 25.5 38.3



#68
m/p-Xylenes
Concen: 41.456 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054893.D
Acq: 2 Apr 2019 11:27

Tgt Ion: 106 Resp: 309118
Ion Ratio Lower Upper
106 100
91 212.3 159.4 239.2

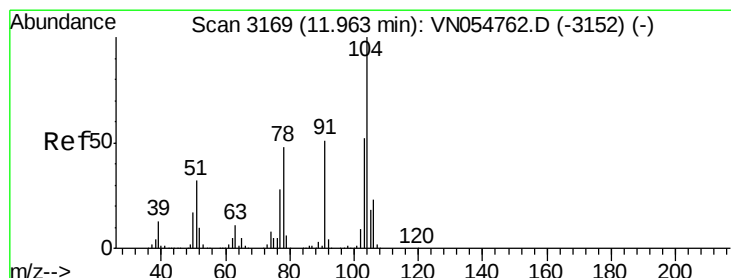
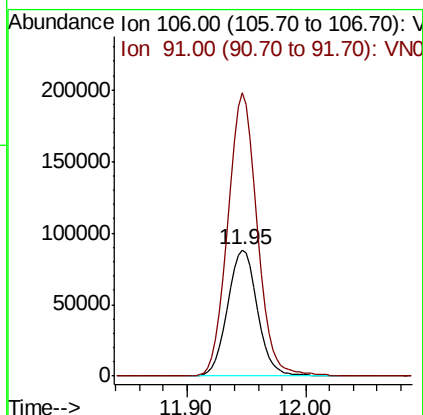
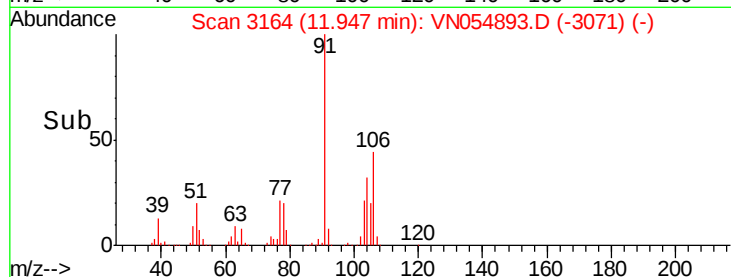
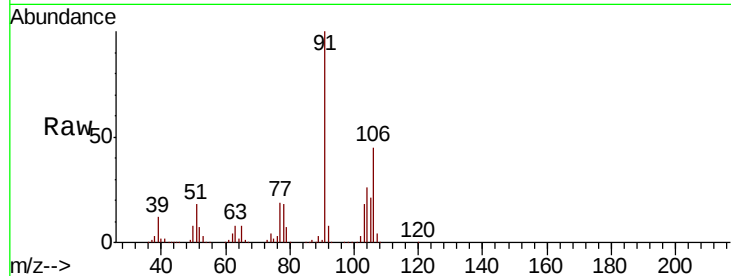




#69
o-Xylene
Concen: 21.027 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054893.D
Acq: 2 Apr 2019 11:27

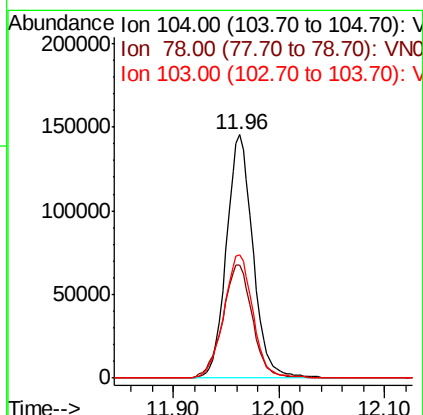
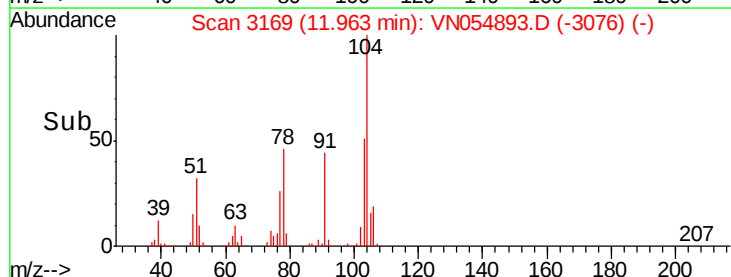
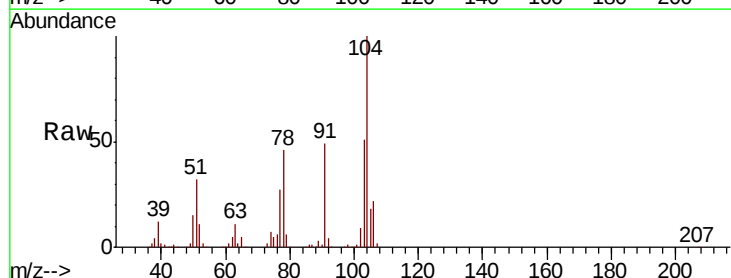
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 153744
Ion Ratio Lower Upper
106 100
91 220.9 105.7 317.1



#70
Styrene
Concen: 21.641 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN054893.D
Acq: 2 Apr 2019 11:27

Tgt Ion:104 Resp: 253008
Ion Ratio Lower Upper
104 100
78 52.2 38.2 57.2
103 55.8 44.4 66.6

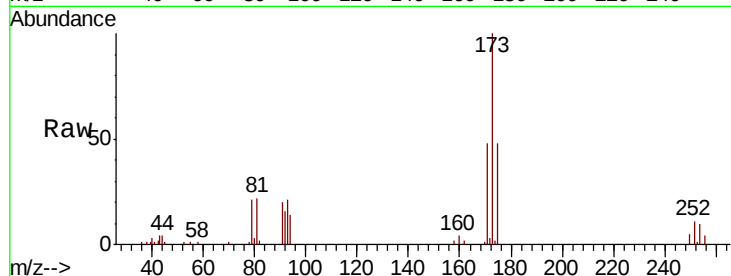




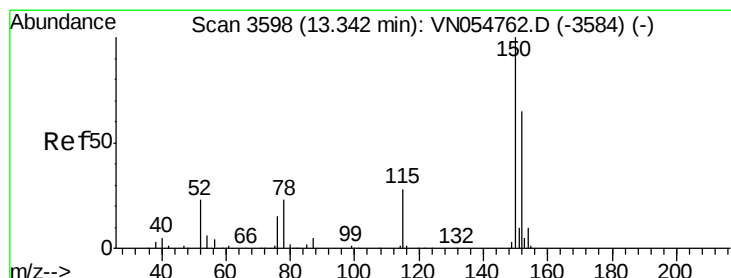
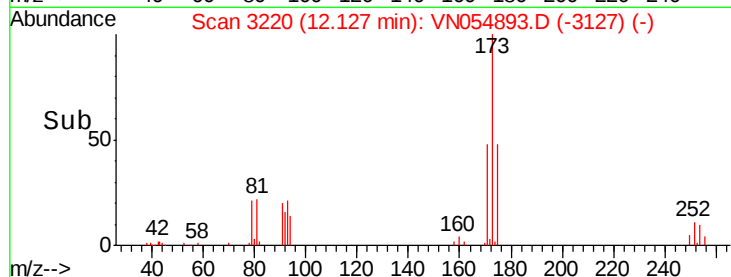
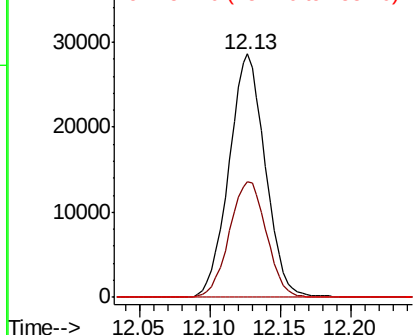
#71
Bromoform
Concen: 21.001 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN054893.D
Acq: 2 Apr 2019 11:27

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 51421
Ion Ratio Lower Upper
173 100
175 48.4 24.4 73.2
254 0.0 0.1 0.1#

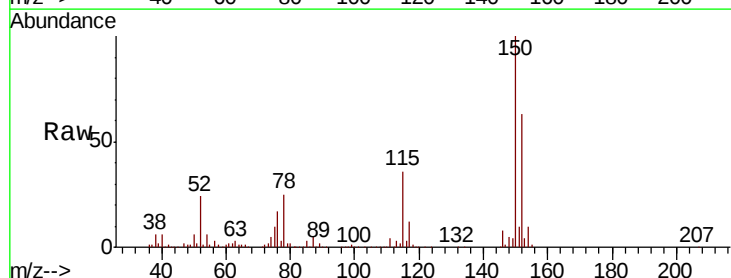


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

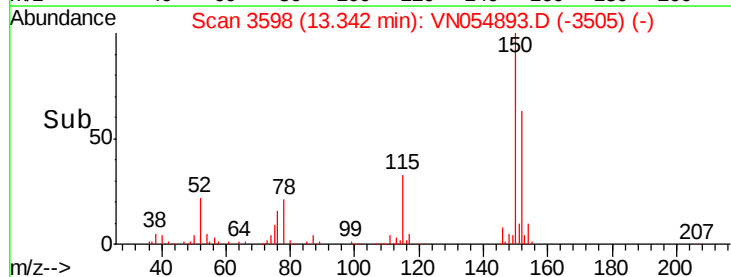
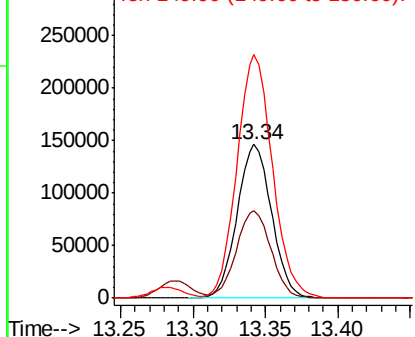


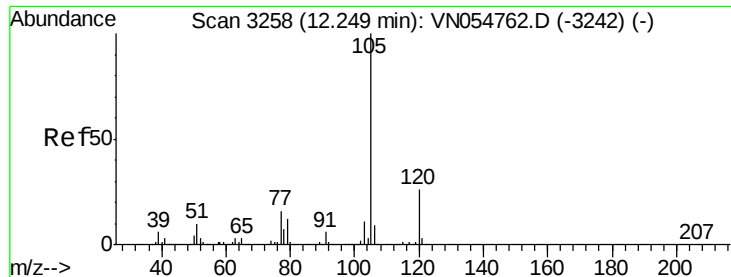
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054893.D
Acq: 2 Apr 2019 11:27

Tgt Ion:152 Resp: 241724
Ion Ratio Lower Upper
152 100
115 57.4 27.2 81.6
150 163.3 0.0 349.2



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





#73

Isopropylbenzene

Concen: 20.904 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN054893.D

Acq: 2 Apr 2019 11:27

Instrument :

MSVOA_N

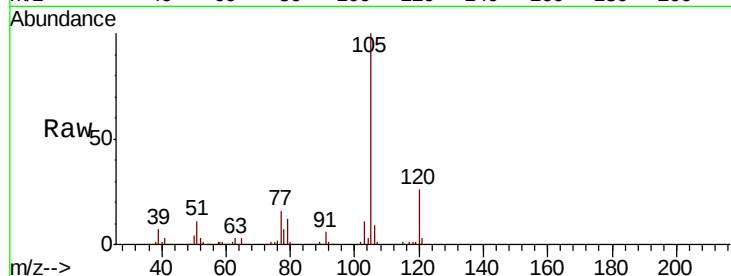
ClientSampled :

Tot Ion:105 Resp: 413004

Ion Ratio Lower Upper

105 100

120 26.1 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

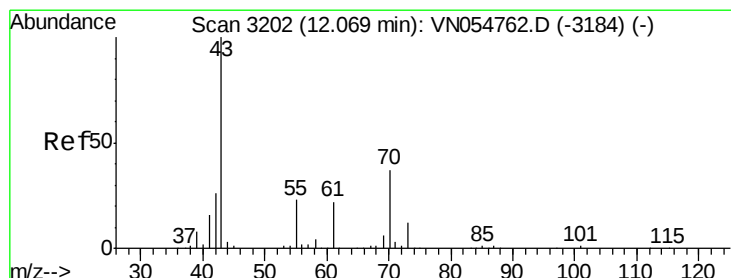
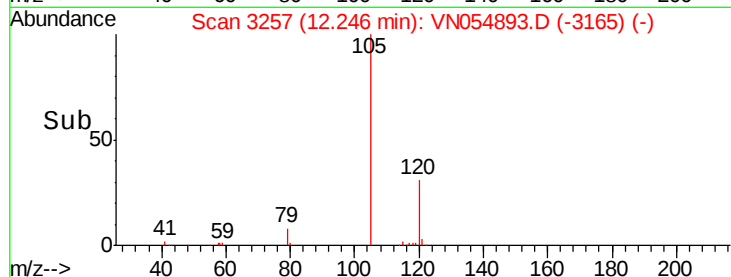
50000

0

12.25

12.30

Time-->



#74

N-ethyl acetate

Concen: 19.972 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN054893.D

Acq: 2 Apr 2019 11:27

Tgt Ion: 43 Resp: 122935

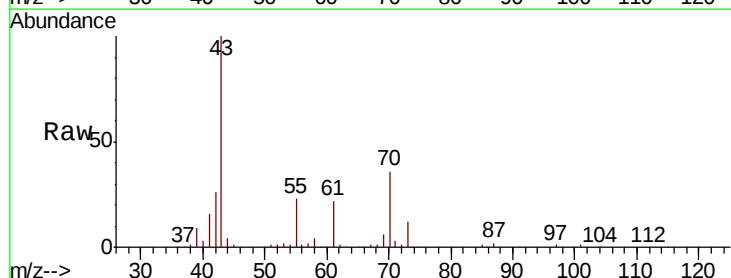
Ion Ratio Lower Upper

43 100

70 36.3 35.4 53.0

55 23.6 19.8 29.6

61 21.4 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

120000

100000

80000

60000

40000

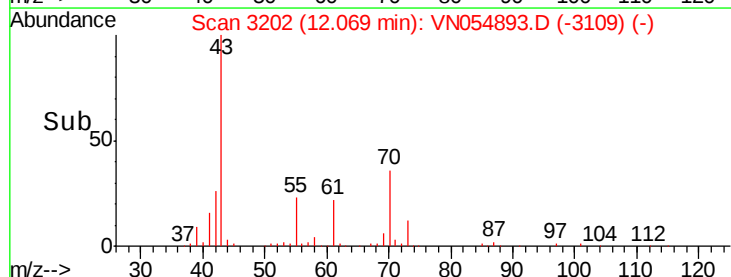
20000

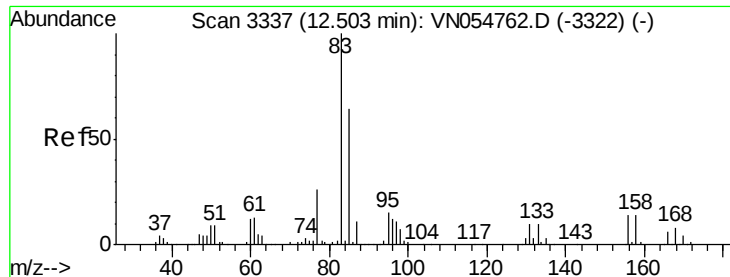
0

12.07

12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.375 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054893.D

Acq: 2 Apr 2019 11:27

Instrument :

MSVOA_N

ClientSampleId :

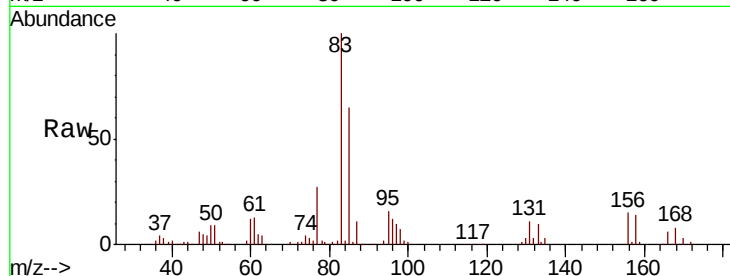
Tot Ion: 83 Resp: 101576

Ion Ratio Lower Upper

83 100

131 10.3 5.8 17.4

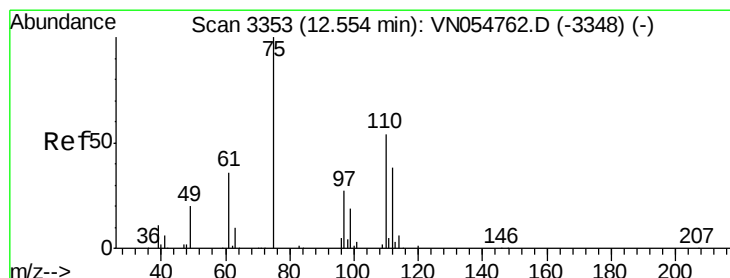
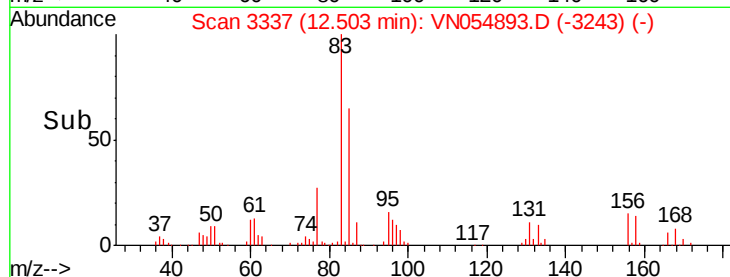
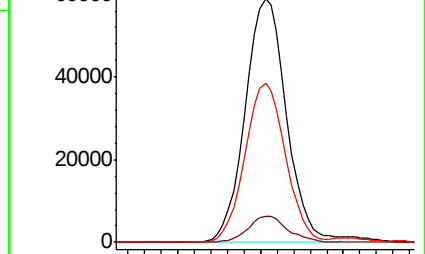
85 64.3 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VN054762.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN054762.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN054762.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 28.740 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN054893.D

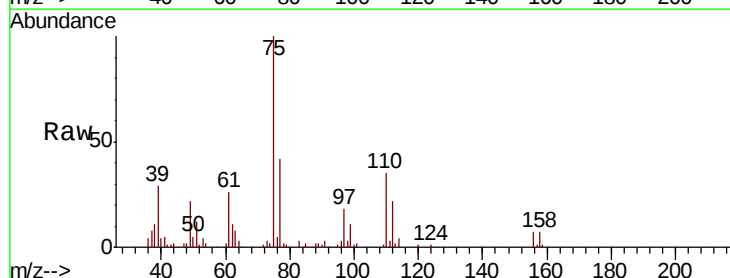
Acq: 2 Apr 2019 11:27

Tgt Ion: 75 Resp: 120689

Ion Ratio Lower Upper

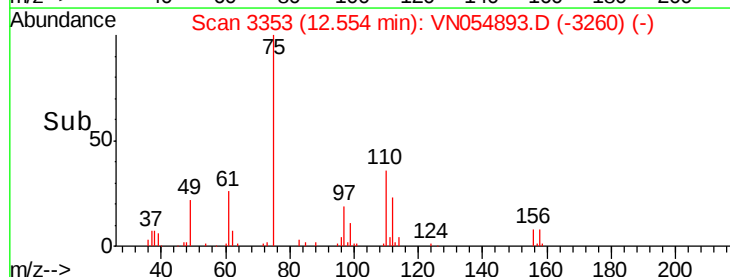
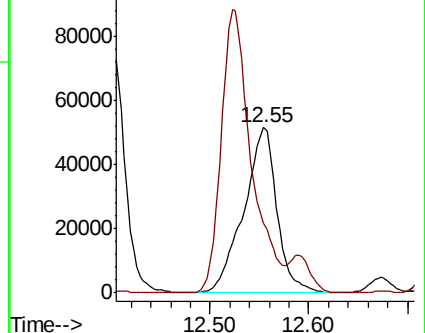
75 100

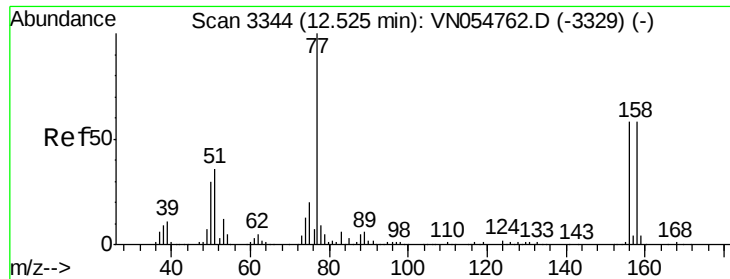
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN054762.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN054762.D (-3348) (-)

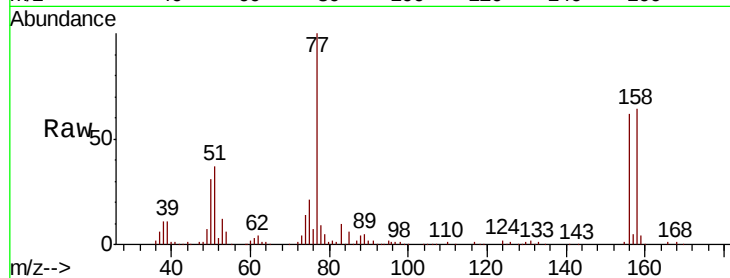




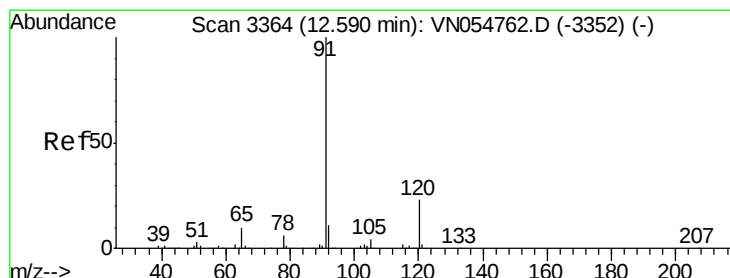
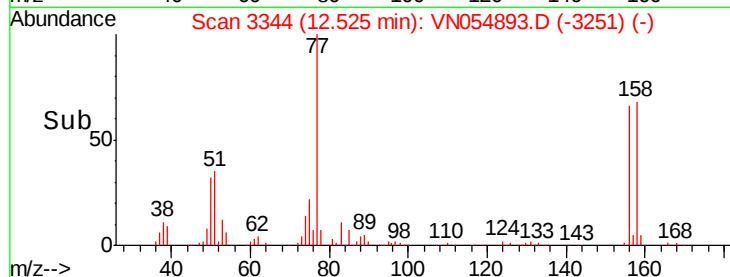
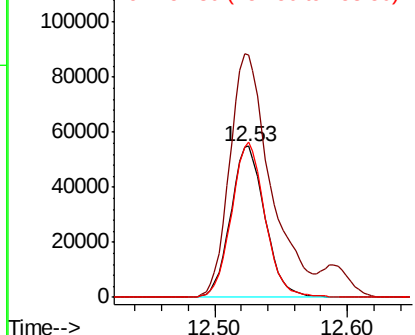
#77
Bromobenzene
Concen: 20.705 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN054893.D
Acq: 2 Apr 2019 11:27

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:156 Resp: 98729
Ion Ratio Lower Upper
156 100
77 193.8 81.5 244.4
158 100.1 49.0 147.2

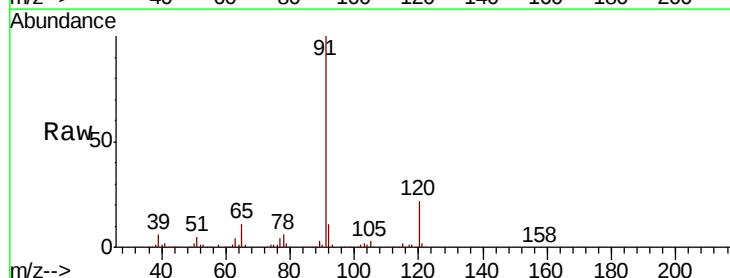


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN0
Ion 157.80 (157.50 to 158.50): V

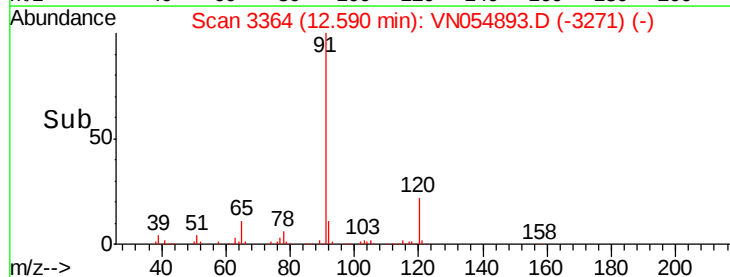
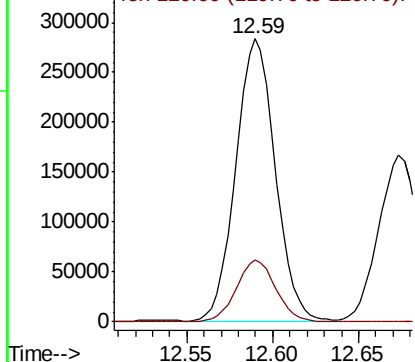


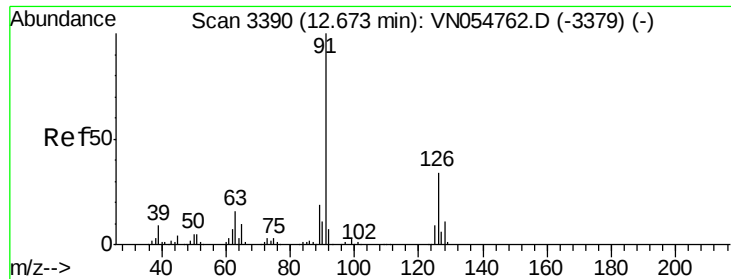
#78
n-propylbenzene
Concen: 20.862 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN054893.D
Acq: 2 Apr 2019 11:27

Tgt Ion: 91 Resp: 453030
Ion Ratio Lower Upper
91 100
120 22.0 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: 20.865 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN054893.D

Acq: 2 Apr 2019 11:27

Instrument :

MSVOA_N

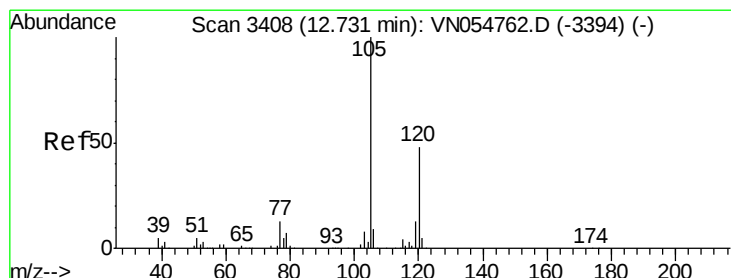
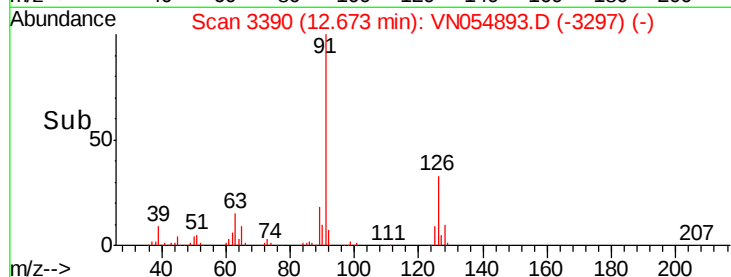
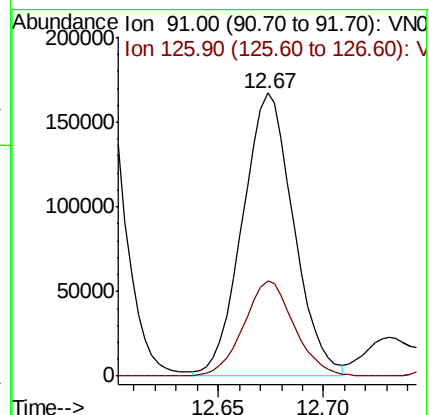
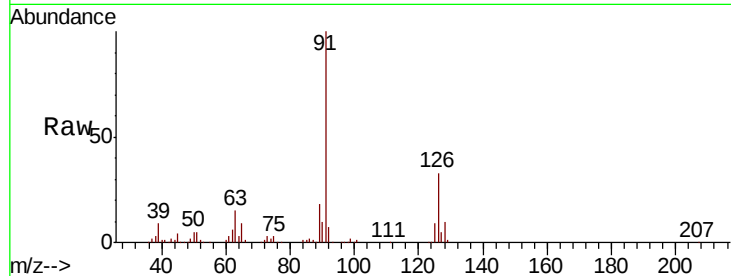
ClientSampled :

Tot Ion: 91 Resp: 280318

Ion Ratio Lower Upper

91 100

126 33.4 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 20.857 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054893.D

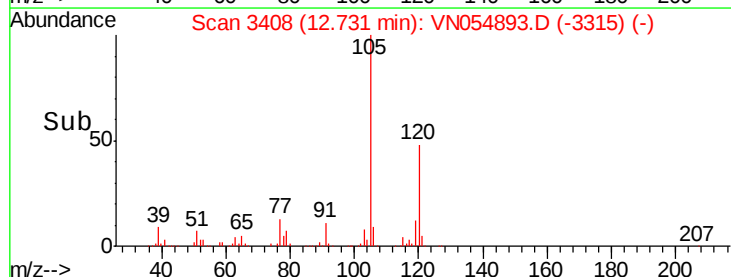
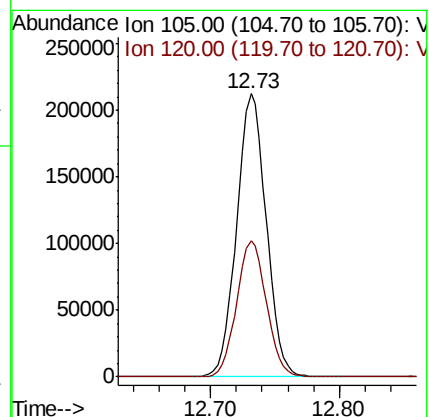
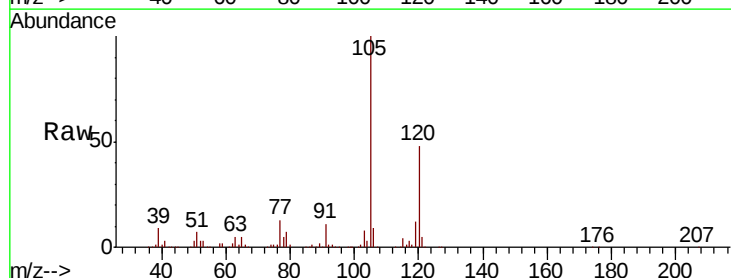
Acq: 2 Apr 2019 11:27

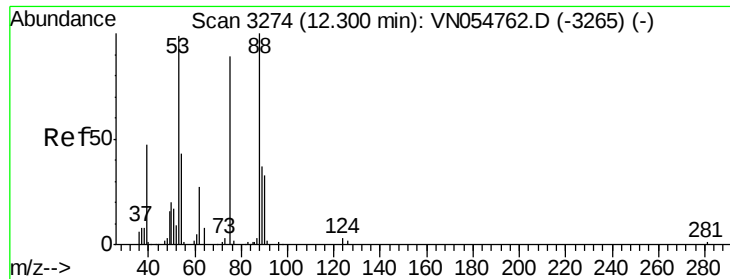
Tgt Ion:105 Resp: 338133

Ion Ratio Lower Upper

105 100

120 48.3 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.864 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN054893.D

Acq: 2 Apr 2019 11:27

Instrument :

MSVOA_N

ClientSampleId :

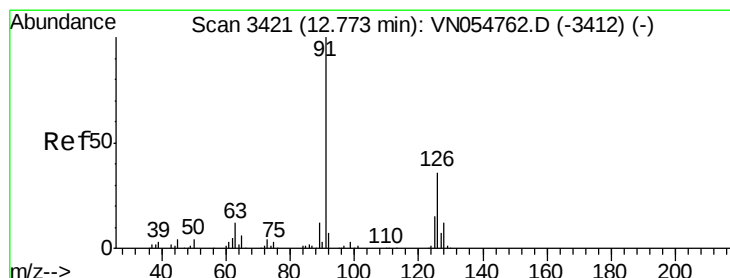
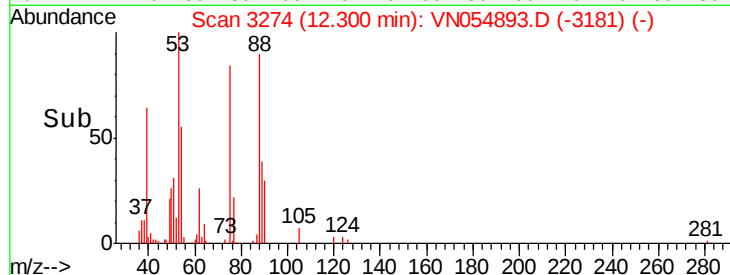
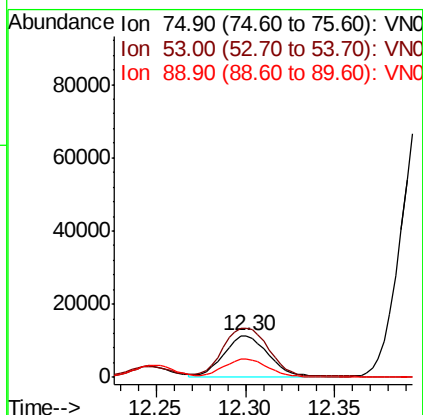
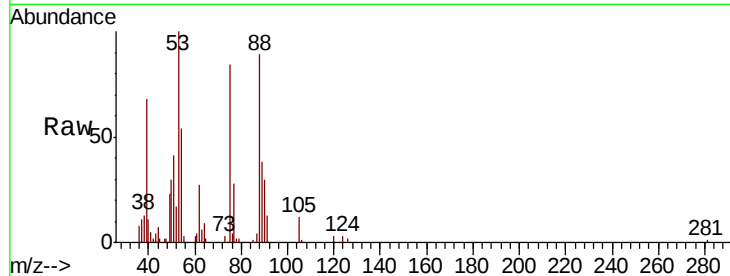
Tot Ion: 75 Resp: 19286

Ion Ratio Lower Upper

75 100

53 122.6 76.2 114.2#

89 46.2 39.2 58.8



#82

4-Chlorotoluene

Concen: 20.578 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN054893.D

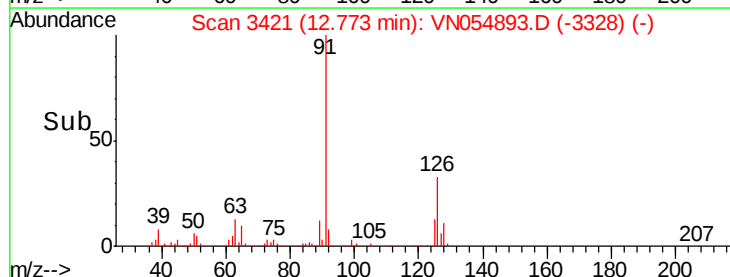
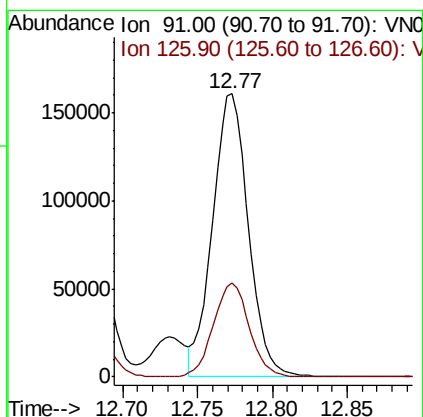
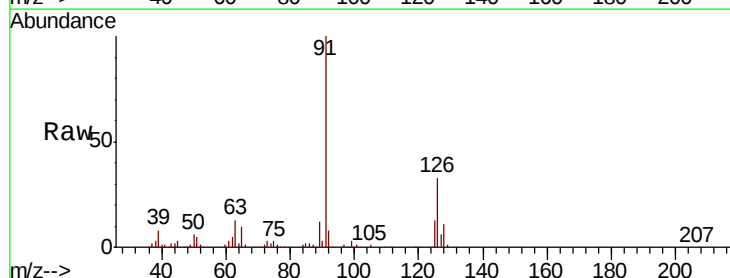
Acq: 2 Apr 2019 11:27

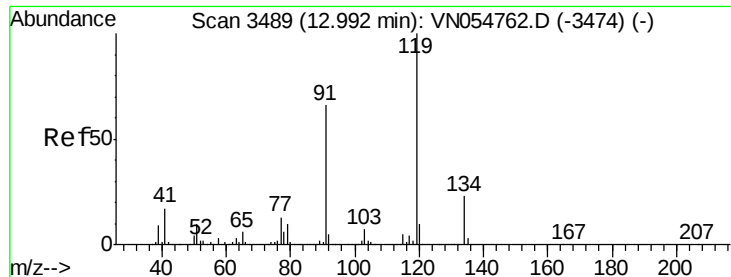
Tgt Ion: 91 Resp: 268528

Ion Ratio Lower Upper

91 100

126 33.3 18.1 54.1

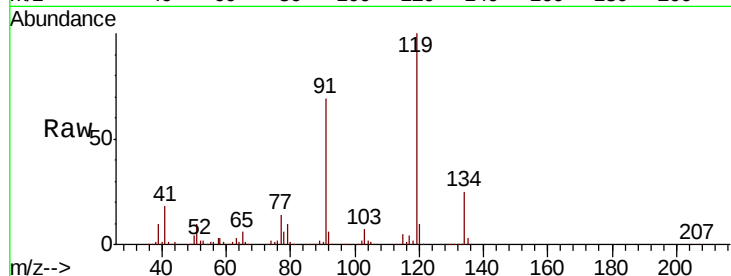




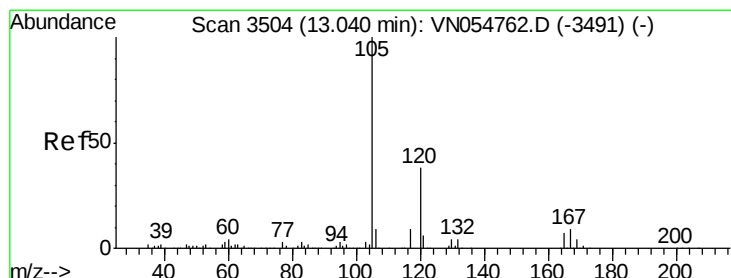
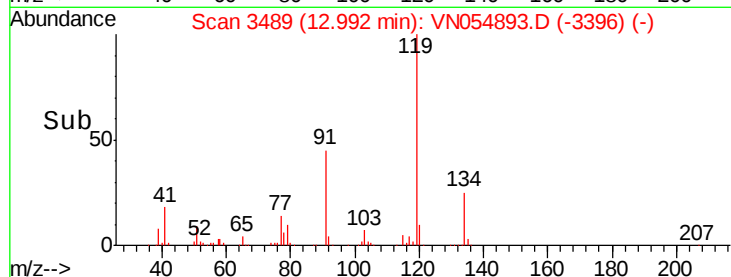
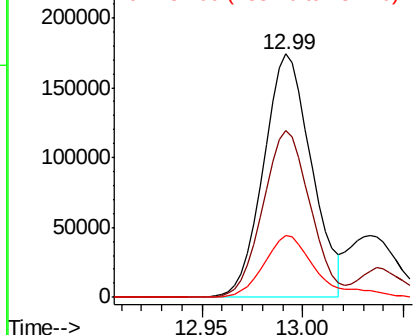
#83
tert-Butylbenzene
Concen: 21.695 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN054893.D
Acq: 2 Apr 2019 11:27

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 287358
Ion Ratio Lower Upper
119 100
91 67.6 30.9 92.8
134 27.7 13.2 39.6

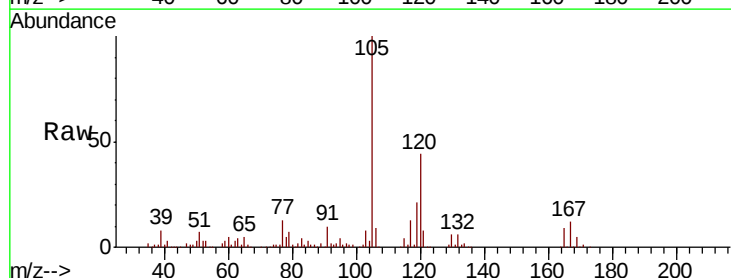


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

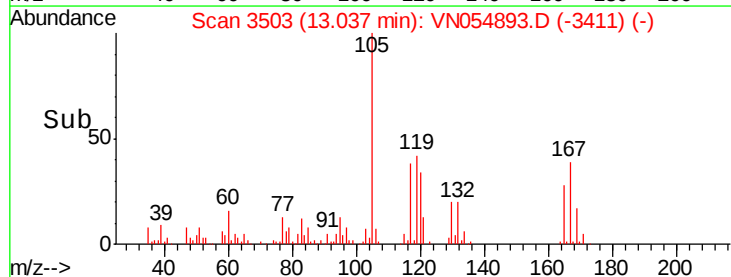
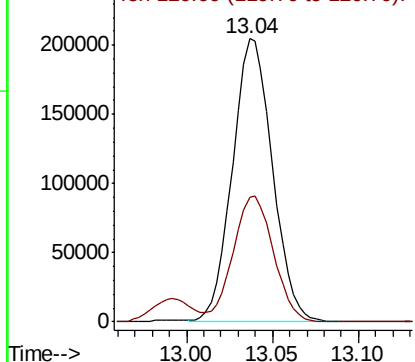


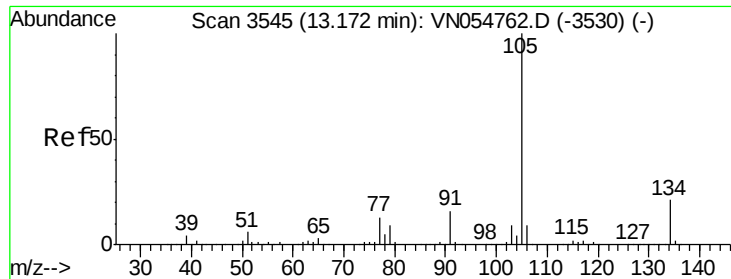
#84
1,2,4-Trimethylbenzene
Concen: 21.321 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN054893.D
Acq: 2 Apr 2019 11:27

Tgt Ion:105 Resp: 329306
Ion Ratio Lower Upper
105 100
120 44.8 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

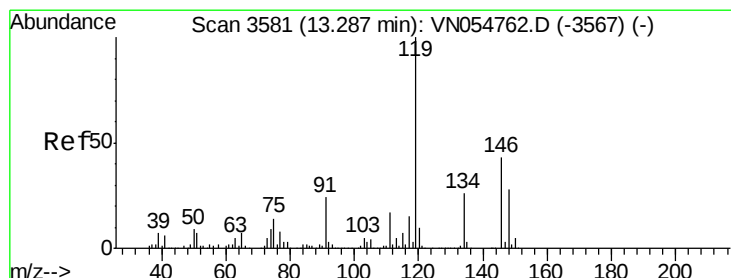
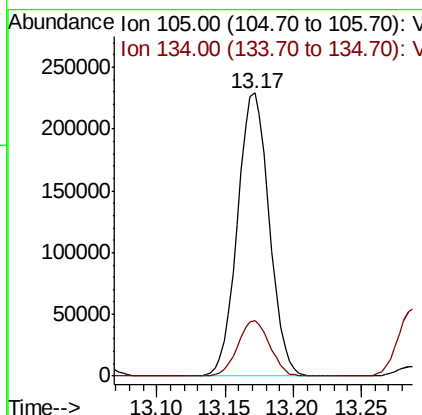
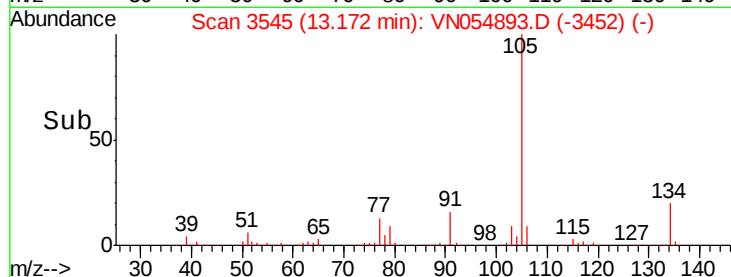
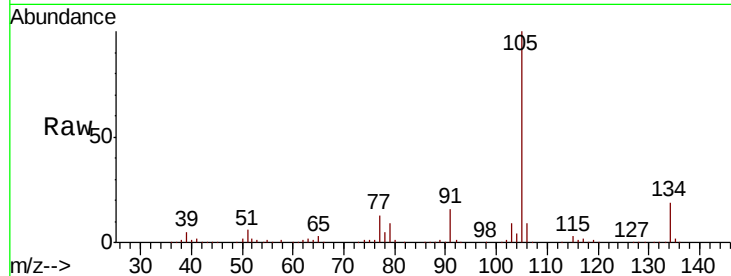




#85
 sec-Butylbenzene
 Concen: 21.044 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN054893.D
 Acq: 2 Apr 2019 11:27

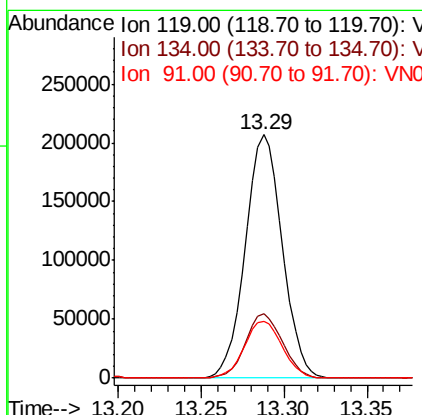
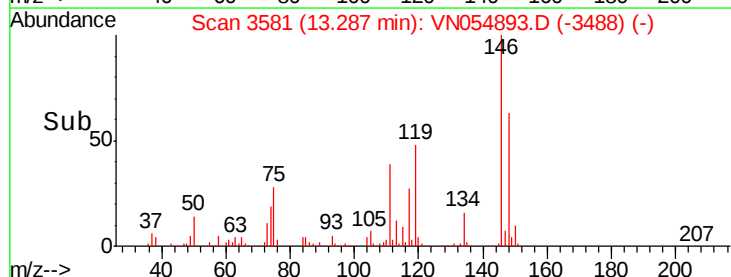
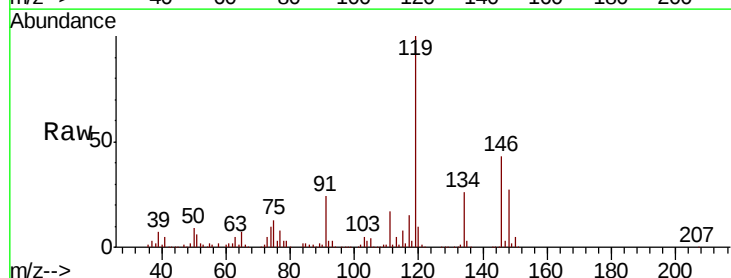
Instrument :
 MSVOA_N
 ClientSampled :

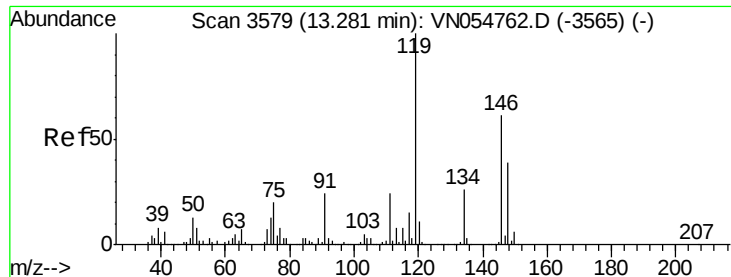
Tot Ion:105 Resp: 370600
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 20.513 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN054893.D
 Acq: 2 Apr 2019 11:27

Tgt Ion:119 Resp: 318621
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.6 40.8
 91 24.2 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 20.998 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN054893.D

Acq: 2 Apr 2019 11:27

Instrument :

MSVOA_N

ClientSampled :

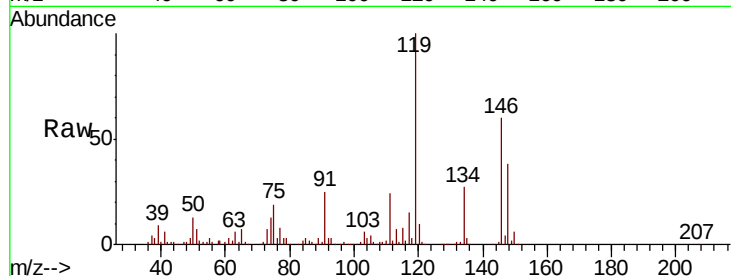
Tot Ion:146 Resp: 167640

Ion Ratio Lower Upper

146 100

111 40.0 18.8 56.3

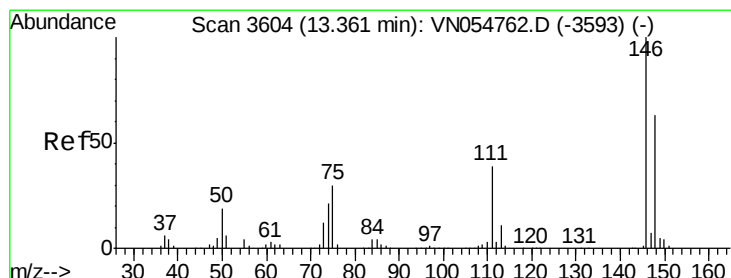
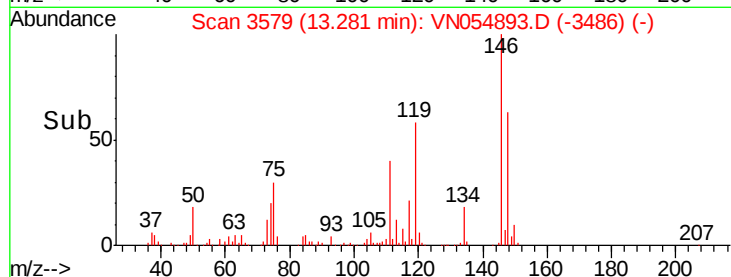
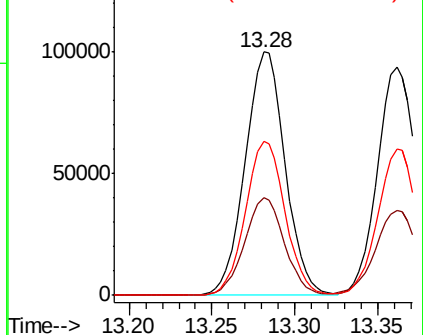
148 62.6 32.2 96.6



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: 19.998 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN054893.D

Acq: 2 Apr 2019 11:27

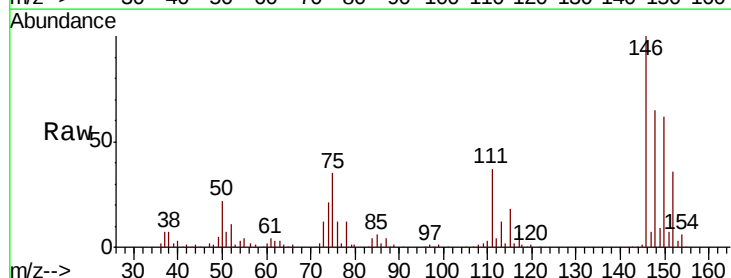
Tgt Ion:146 Resp: 156591

Ion Ratio Lower Upper

146 100

111 39.5 18.1 54.1

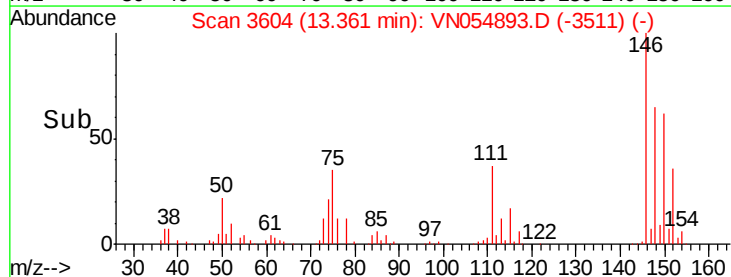
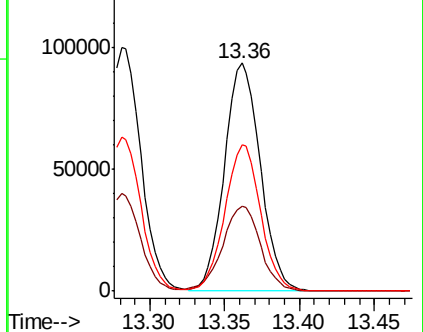
148 64.1 32.0 96.0

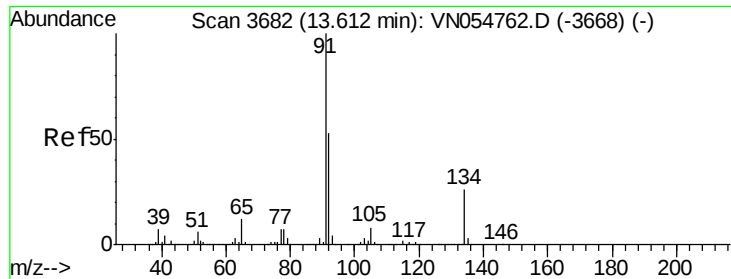


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.257 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN054893.D

Acq: 2 Apr 2019 11:27

Instrument :

MSVOA_N

ClientSampleId :

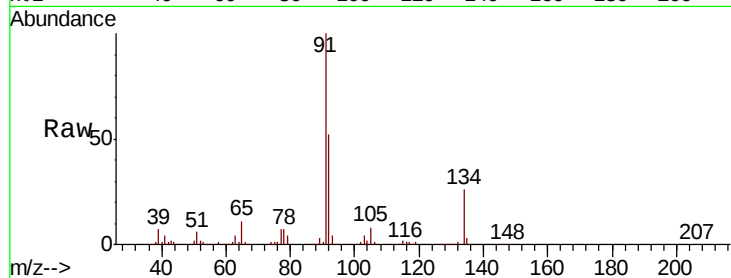
Tot Ion: 91 Resp: 244048

Ion Ratio Lower Upper

91 100

92 51.0 26.2 78.6

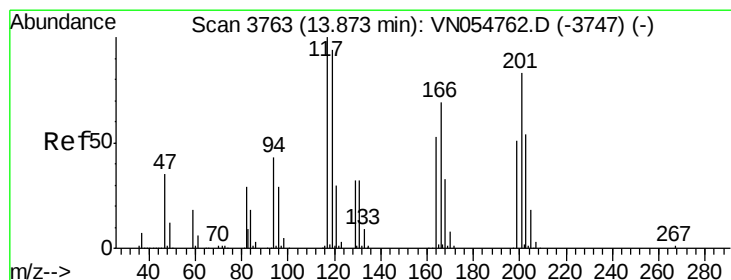
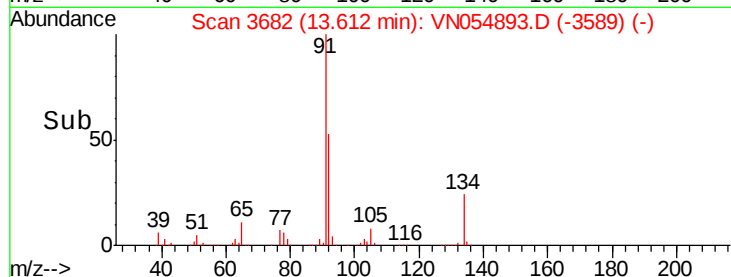
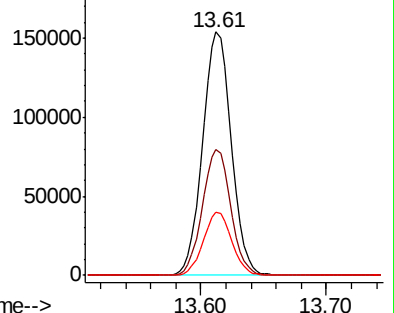
134 25.6 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VN054762.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN054762.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN054762.D (-3668) (-)



#90

Hexachloroethane

Concen: 20.370 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN054893.D

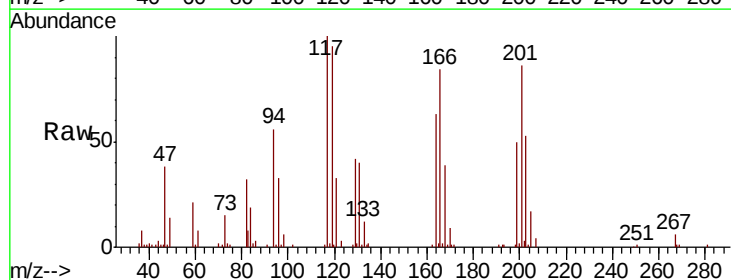
Acq: 2 Apr 2019 11:27

Tgt Ion: 117 Resp: 53719

Ion Ratio Lower Upper

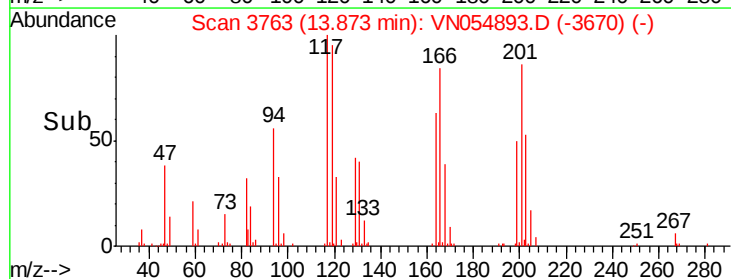
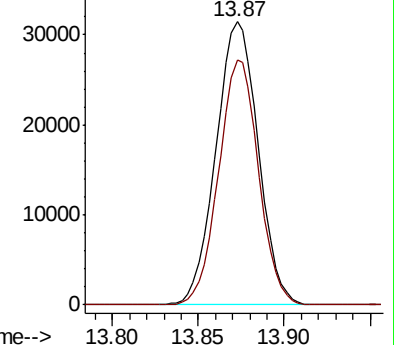
117 100

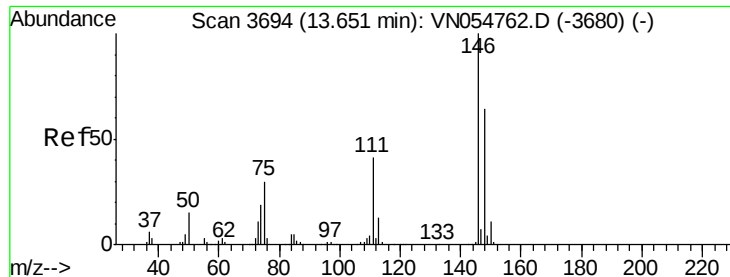
201 81.3 48.1 144.4



Abundance Ion 116.80 (116.50 to 117.50): VN054762.D (-3747) (-)

Ion 200.70 (200.40 to 201.40): VN054762.D (-3747) (-)

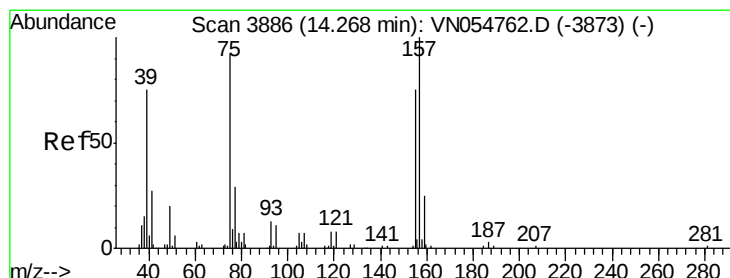
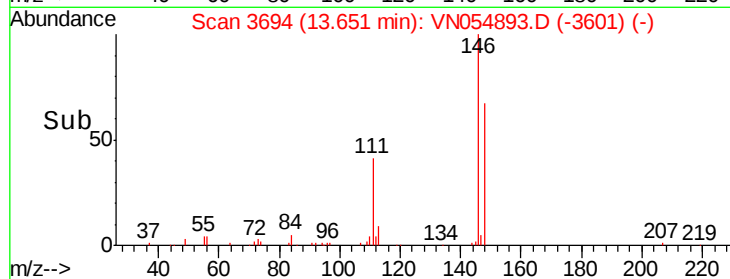
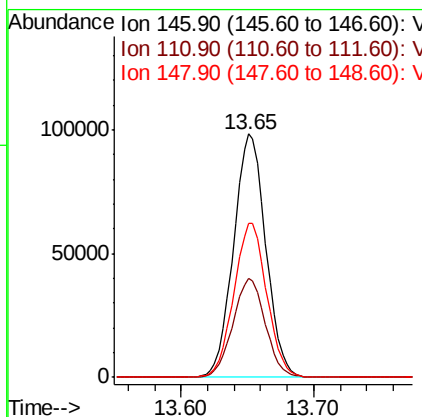
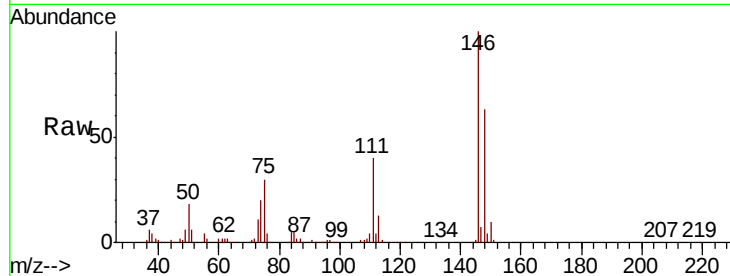




#91
 1,2-Dichlorobenzene
 Concen: 20.568 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN054893.D
 Acq: 2 Apr 2019 11:27

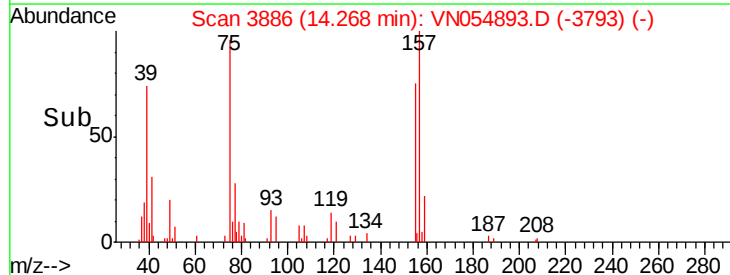
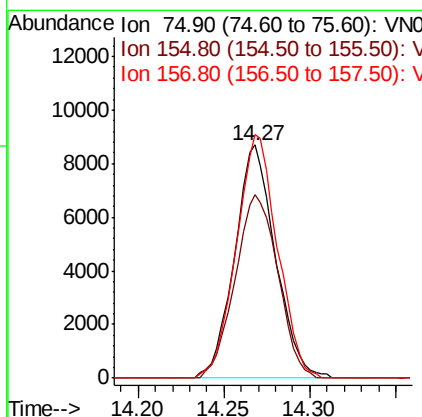
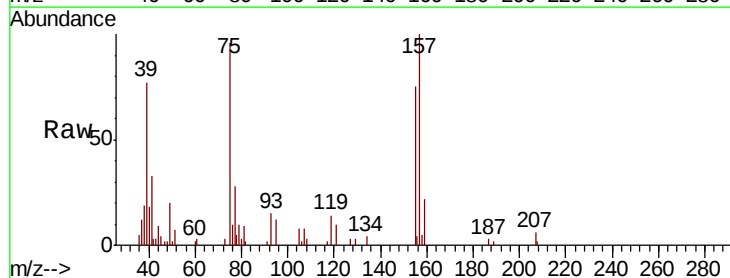
Instrument :
 MSVOA_N
 ClientSampled :

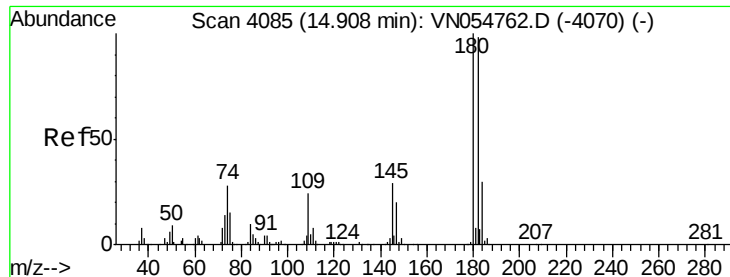
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.1	57.3
148	64.6	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.225 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN054893.D
 Acq: 2 Apr 2019 11:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.4	50.1	150.3
157	105.3	63.1	189.3

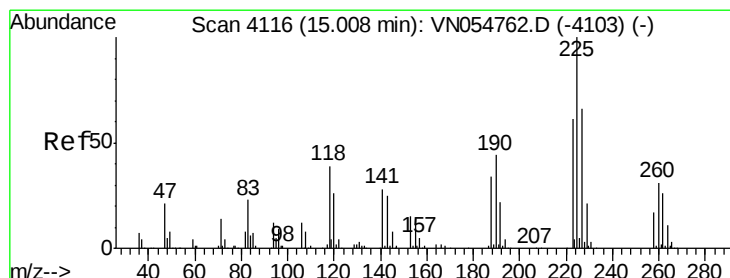
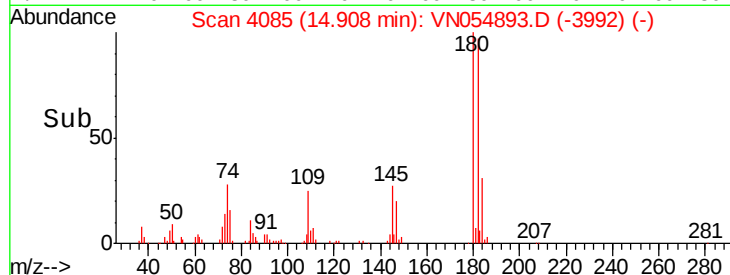
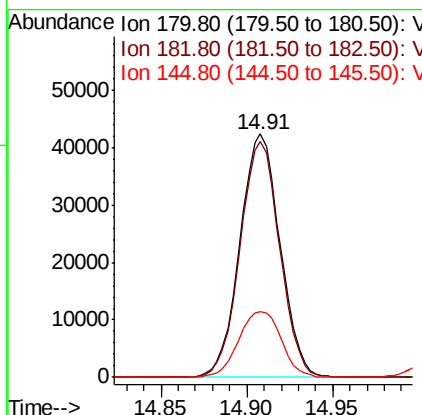
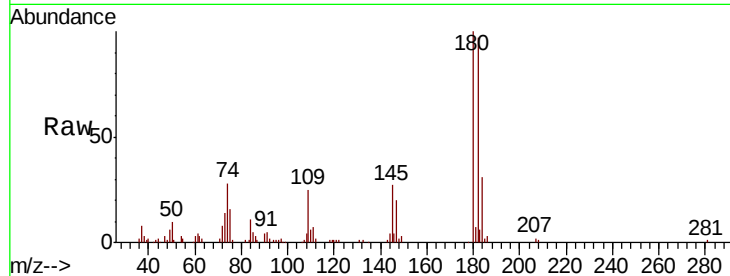




#93
 1,2,4-Trichlorobenzene
 Concen: 17.660 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN054893.D
 Acq: 2 Apr 2019 11:27

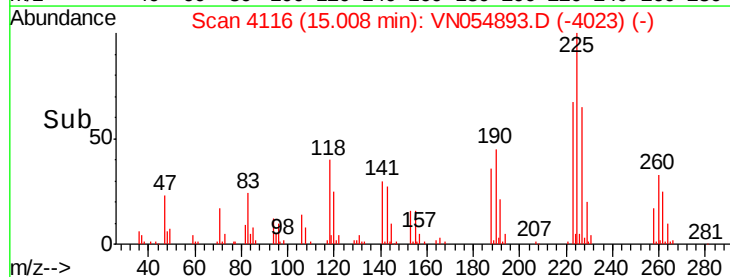
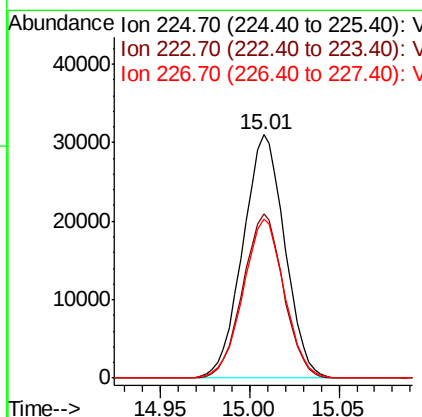
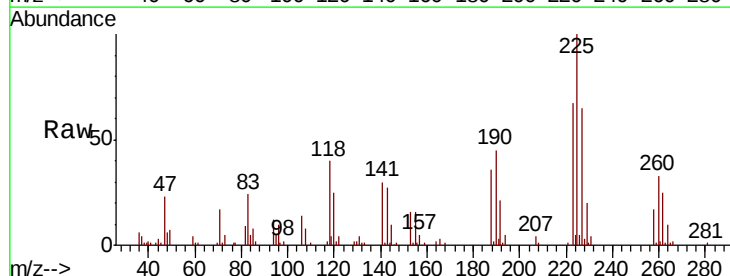
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 68600
 Ion Ratio Lower Upper
 180 100
 182 96.0 48.0 144.2
 145 28.9 14.2 42.8



#94
 Hexachlorobutadiene
 Concen: 20.944 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN054893.D
 Acq: 2 Apr 2019 11:27

Tgt Ion:225 Resp: 50991
 Ion Ratio Lower Upper
 225 100
 223 65.3 31.1 93.5
 227 64.4 31.9 95.9





#95

Naphthalene

Concen: 17.065 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN054893.D

Acq: 2 Apr 2019 11:27

Instrument :

MSVOA_N

ClientSampled :

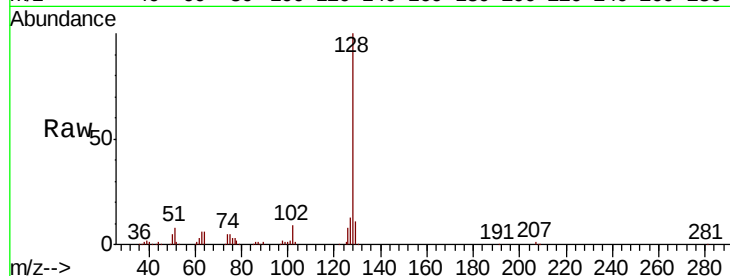
Tot Ion:128 Resp: 148669

Ion Ratio Lower Upper

128 100

127 13.3 10.1 15.1

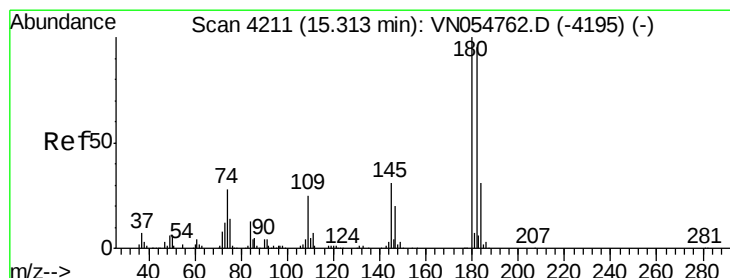
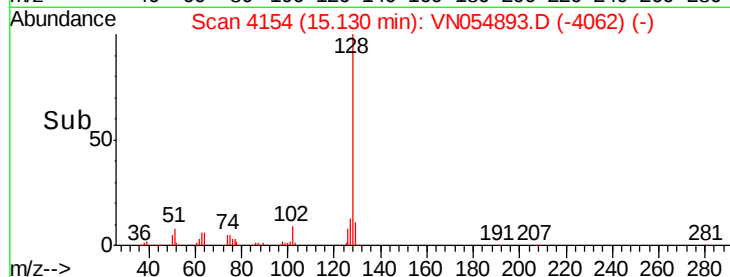
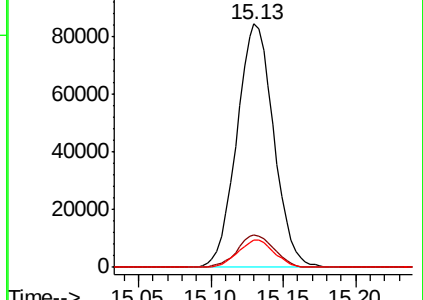
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.221 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN054893.D

Acq: 2 Apr 2019 11:27

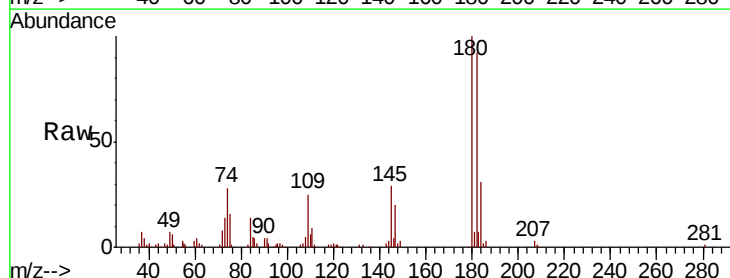
Tgt Ion:180 Resp: 71480

Ion Ratio Lower Upper

180 100

182 95.9 47.5 142.6

145 30.3 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

