

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN043019\
 Data File : VN055298.D
 Acq On : 30 Apr 2019 10:51
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 01 05:15:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	416892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	652654	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	571933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	226650	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	262914	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
35) Dibromofluoromethane	7.59	113	205912	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
50) Toluene-d8	10.09	98	774974	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
62) 4-Bromofluorobenzene	12.40	95	262373	54.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	253003	49.533	ug/l	100
3) Chloromethane	2.06	50	293604	46.421	ug/l	100
4) Vinyl Chloride	2.19	62	237055	46.497	ug/l	99
5) Bromomethane	2.56	94	123971	45.906	ug/l	100
6) Chloroethane	2.70	64	125118	45.302	ug/l	100
7) Trichlorofluoromethane	3.02	101	341539	47.112	ug/l	99
8) Diethyl Ether	3.41	74	118106	46.565	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	205294	47.555	ug/l	99
10) Methyl Iodide	3.95	142	294786	48.521	ug/l	99
11) Tert butyl alcohol	4.78	59	71569	229.204	ug/l	98
12) 1,1-Dichloroethene	3.74	96	192824	46.822	ug/l	99
13) Acrolein	3.61	56	51799	212.416	ug/l	98
14) Allyl chloride	4.32	41	395006	46.312	ug/l	98
15) Acrylonitrile	4.99	53	424306	241.752	ug/l	98
16) Acetone	3.82	43	420129	247.227	ug/l	100
17) Carbon Disulfide	4.06	76	507822	47.251	ug/l	97
18) Methyl Acetate	4.32	43	205991	49.755	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	541878	46.805	ug/l	99
20) Methylene Chloride	4.55	84	232674	44.857	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	206599	47.369	ug/l	97
22) Diisopropyl ether	5.95	45	823736	48.608	ug/l	97
23) Vinyl Acetate	5.90	43	2763842	248.842	ug/l	99
24) 1,1-Dichloroethane	5.85	63	424233	46.984	ug/l	99
25) 2-Butanone	6.83	43	535537	246.421	ug/l	100
26) 2,2-Dichloropropane	6.83	77	297210	47.667	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	239282	48.244	ug/l	99
28) Bromochloromethane	7.19	49	217873	47.869	ug/l	97
29) Tetrahydrofuran	7.21	42	335261	240.917	ug/l	99
30) Chloroform	7.37	83	404895	47.304	ug/l	97
31) Cyclohexane	7.65	56	389838	45.442	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	327550	47.151	ug/l	100
36) 1,1-Dichloropropene	7.79	75	306644	49.052	ug/l	98
37) Ethyl Acetate	6.93	43	224122	46.778	ug/l	99
38) Carbon Tetrachloride	7.77	117	281078	46.610	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	326654	49.146	ug/l	99
40) Benzene	8.04	78	898565	48.759	ug/l	100
41) Methacrylonitrile	7.17	41	132651	51.139	ug/l	94
42) 1,2-Dichloroethane	8.12	62	312573	47.888	ug/l	99
43) Isopropyl Acetate	8.16	43	380039	49.358	ug/l #	88
44) Trichloroethene	8.83	130	221614	47.172	ug/l	99
45) 1,2-Dichloropropane	9.12	63	257699	48.484	ug/l	99
46) Dibromomethane	9.21	93	143336	49.336	ug/l	98
47) Bromodichloromethane	9.40	83	308547	49.504	ug/l	99
48) Methyl methacrylate	9.20	41	179741	47.485	ug/l	96
49) 1,4-Dioxane	9.20	88	41197	1052.855	ug/l	95
51) 4-Methyl-2-Pentanone	9.98	43	1082988	249.821	ug/l	99
52) Toluene	10.15	92	530221	50.144	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	288378	53.298	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	345555	51.223	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	193533	49.289	ug/l	98
56) Ethyl methacrylate	10.43	69	245814	50.862	ug/l	98
57) 1,3-Dichloropropane	10.71	76	340542	49.439	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	394713	262.508	ug/l	99
59) 2-Hexanone	10.75	43	689133	254.069	ug/l	99
60) Dibromochloromethane	10.90	129	206211	51.385	ug/l	98
61) 1,2-Dibromoethane	11.00	107	182374	50.251	ug/l	99
64) Tetrachloroethene	10.63	164	216243	46.234	ug/l	99
65) Chlorobenzene	11.43	112	541377	48.415	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	208883	47.706	ug/l	98
67) Ethyl Benzene	11.51	91	1006343	49.837	ug/l	99
68) m/p-Xylenes	11.62	106	728584	101.086	ug/l	98
69) o-Xylene	11.95	106	358552	50.190	ug/l	98
70) Styrene	11.96	104	589600	53.752	ug/l	100
71) Bromoform	12.13	173	125781	51.770	ug/l #	98
73) Isopropylbenzene	12.25	105	950321	52.877	ug/l	99
74) N-amyl acetate	12.07	43	276247	47.492	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	229600	51.204	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	274408	65.938	ug/l #	100
77) Bromobenzene	12.52	156	227157	52.656	ug/l	98
78) n-propylbenzene	12.59	91	1068711	45.904	ug/l	99
79) 2-Chlorotoluene	12.67	91	649645	53.050	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	779937	43.894	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	55741	46.606	ug/l	97
82) 4-Chlorotoluene	12.77	91	625762	46.227	ug/l	100
83) tert-Butylbenzene	12.99	119	662140	52.811	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	758836	47.752	ug/l	100
85) sec-Butylbenzene	13.17	105	871074	45.103	ug/l	100
86) p-Isopropyltoluene	13.29	119	749784	47.235	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	369168	48.675	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	351230	49.176	ug/l	100
89) n-Butylbenzene	13.61	91	593821	52.646	ug/l	99
90) Hexachloroethane	13.87	117	128718	51.253	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	354983	47.224	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30504	51.157	ug/l	98

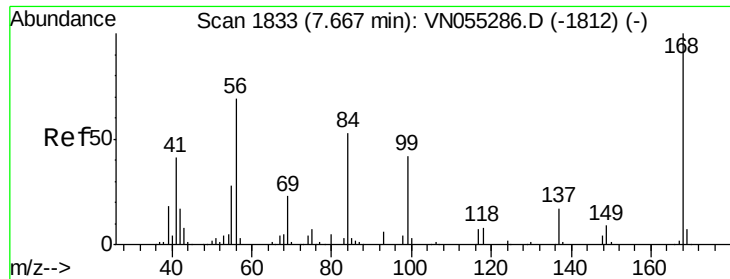
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QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	135696	46.069	ug/l	99
94) Hexachlorobutadiene	15.01	225	126739	56.389	ug/l	97
95) Naphthalene	15.13	128	265718	42.699	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	136059	46.797	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055298.D

Acq: 30 Apr 2019 10:51

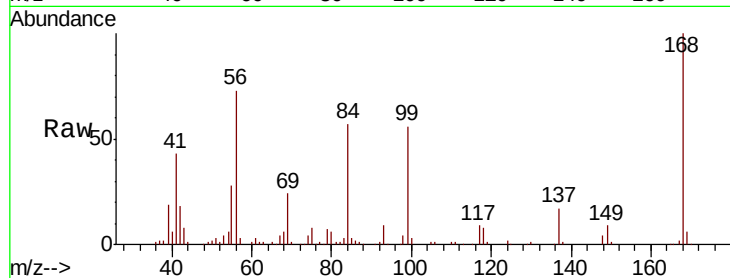
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 416892

Ion Ratio Lower Upper

168 100

99 54.7 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055286.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055286.D (-1812) (-)

7.66

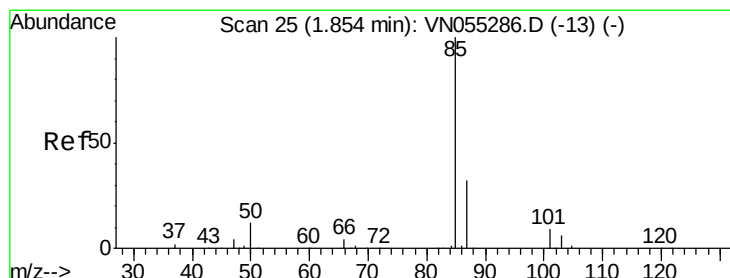
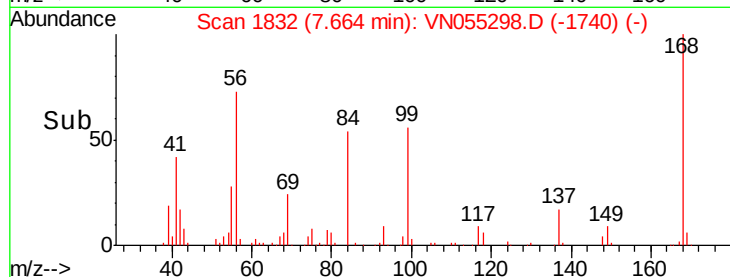
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.533 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN055298.D

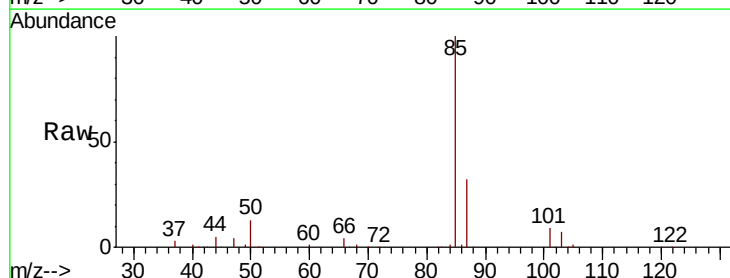
Acq: 30 Apr 2019 10:51

Tgt Ion: 85 Resp: 253003

Ion Ratio Lower Upper

85 100

87 32.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN055286.D (-13) (-)

Ion 86.90 (86.60 to 87.60): VN055286.D (-13) (-)

1.85

200000

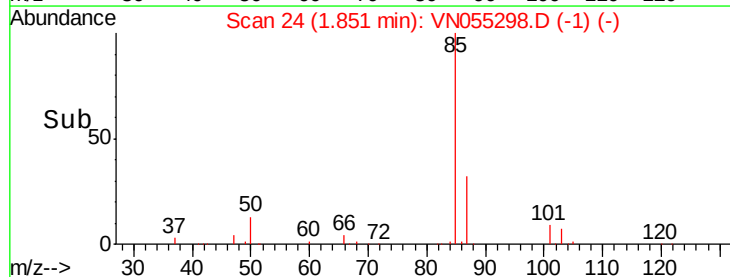
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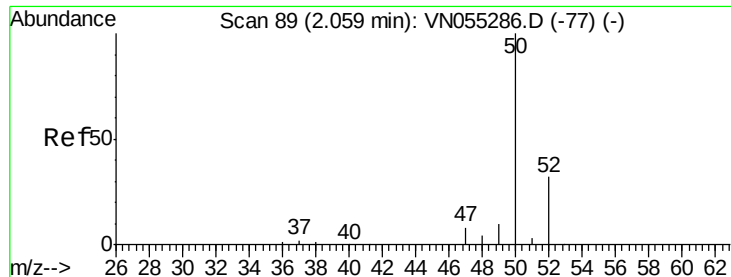
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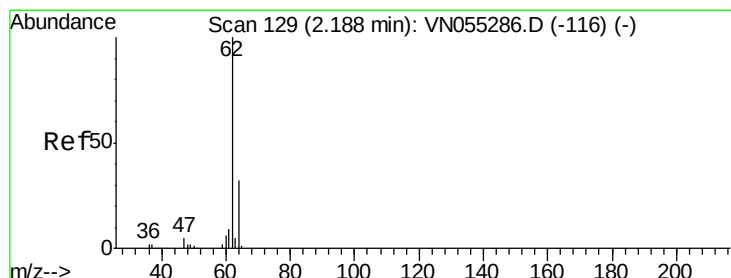
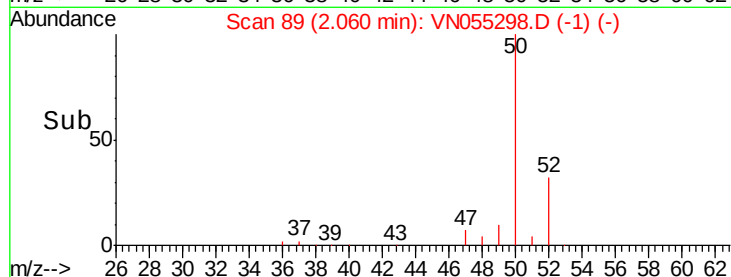
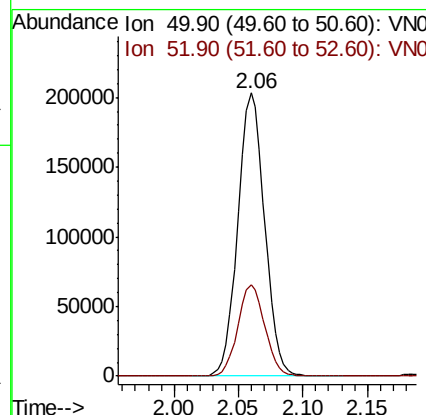
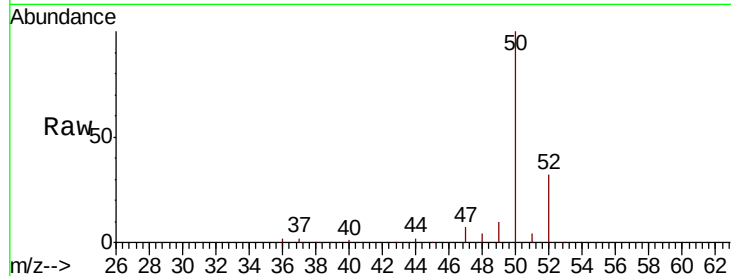




#3
 Chloromethane
 Concen: 46.421 ug/l
 RT: 2.06 min Scan# 89
 Delta R.T. 0.00 min
 Lab File: VN055298.D
 Acq: 30 Apr 2019 10:51

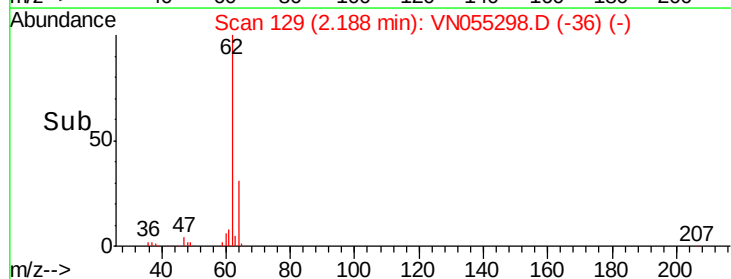
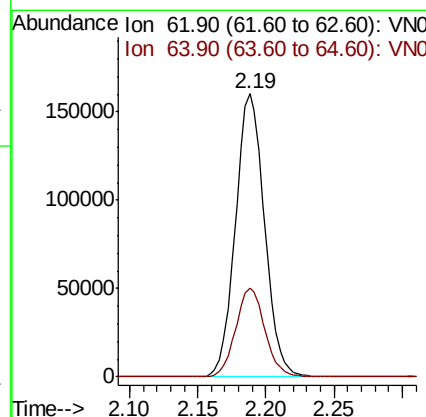
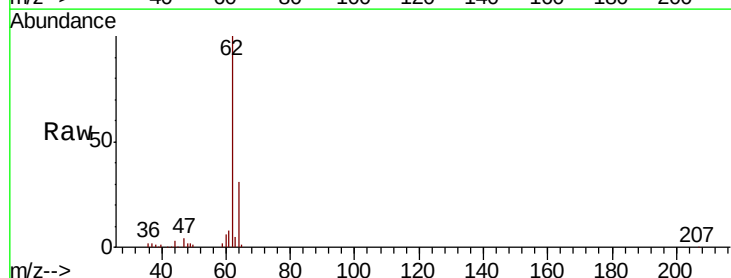
Instrument :
 MSVOA_N
 ClientSampled :

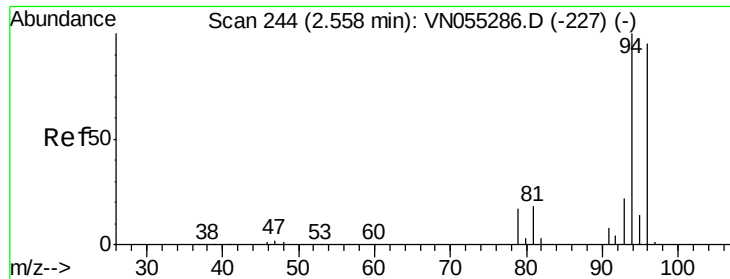
Tot Ion: 50 Resp: 293604
 Ion Ratio Lower Upper
 50 100
 52 32.3 25.7 38.5



#4
 Vinyl Chloride
 Concen: 46.497 ug/l
 RT: 2.19 min Scan# 129
 Delta R.T. 0.00 min
 Lab File: VN055298.D
 Acq: 30 Apr 2019 10:51

Tgt Ion: 62 Resp: 237055
 Ion Ratio Lower Upper
 62 100
 64 31.3 25.5 38.3

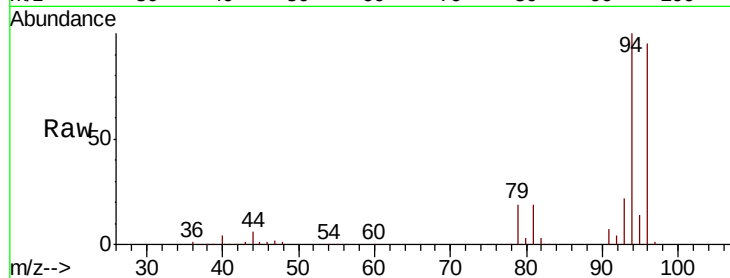




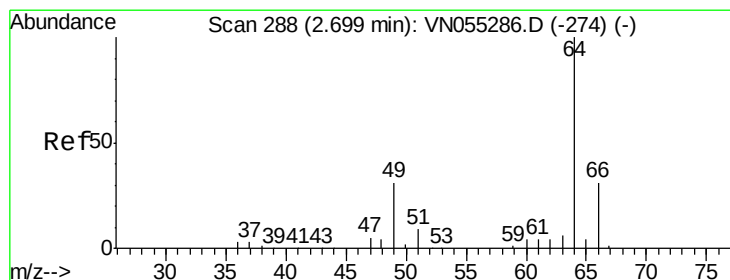
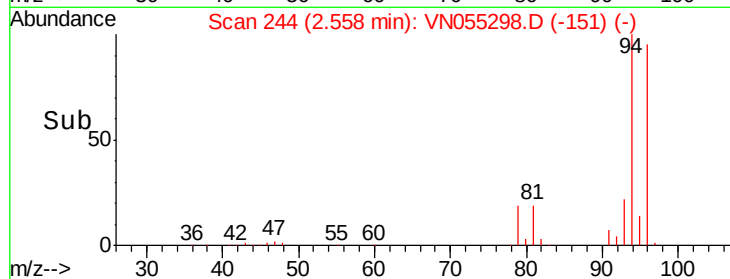
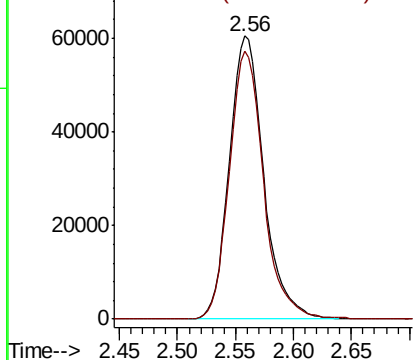
#5
Bromomethane
Concen: 45.906 ug/l
RT: 2.56 min Scan# 244
Delta R.T. 0.00 min
Lab File: VN055298.D
Acq: 30 Apr 2019 10:51

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 94 Resp: 123971
Ion Ratio Lower Upper
94 100
96 94.6 76.0 114.0

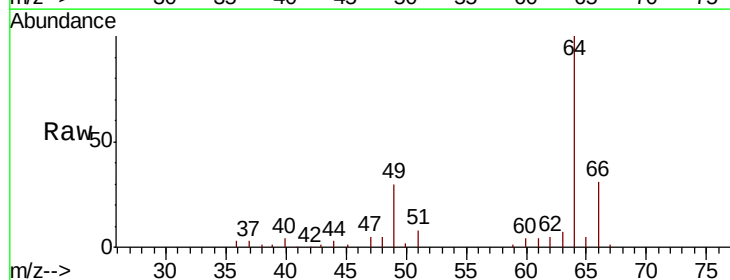


Abundance Ion 93.90 (93.60 to 94.60): VN0
Ion 95.90 (95.60 to 96.60): VN0

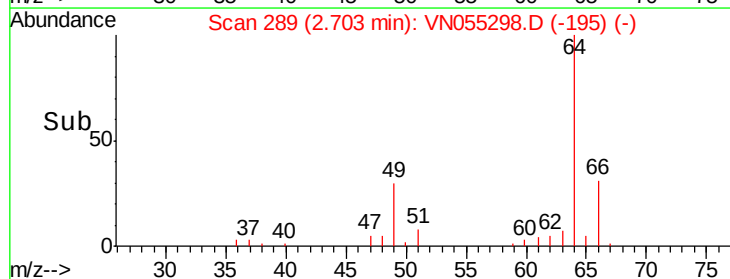
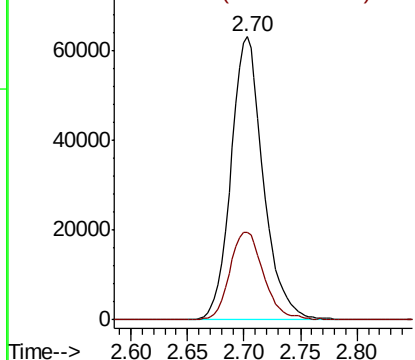


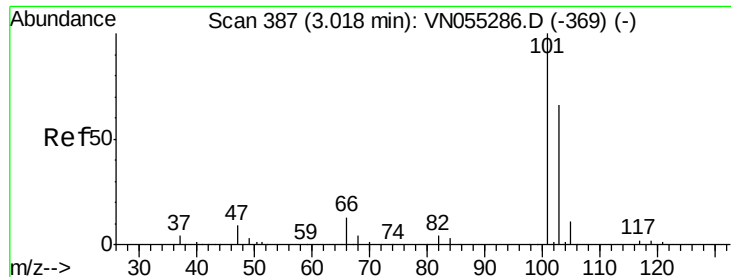
#6
Chloroethane
Concen: 45.302 ug/l
RT: 2.70 min Scan# 289
Delta R.T. 0.00 min
Lab File: VN055298.D
Acq: 30 Apr 2019 10:51

Tgt Ion: 64 Resp: 125118
Ion Ratio Lower Upper
64 100
66 31.1 25.0 37.4



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



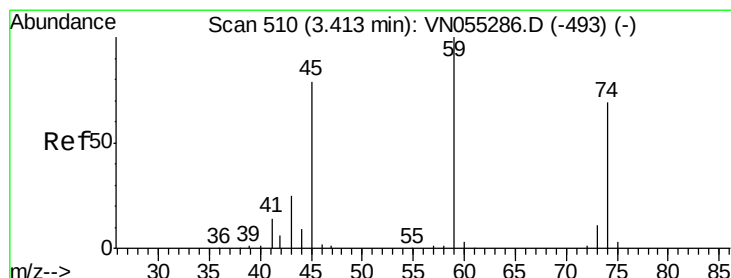
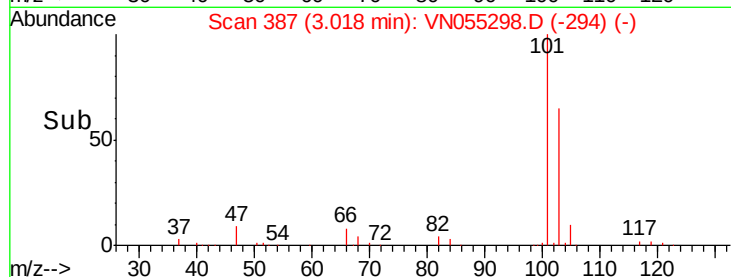
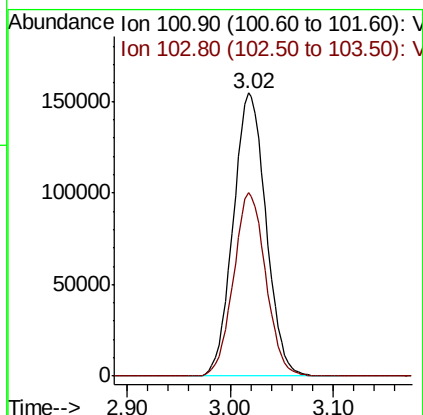
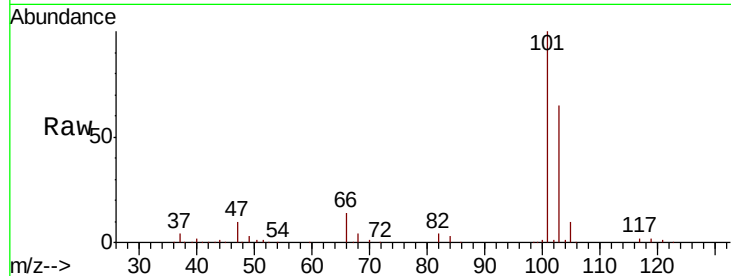


#7

Trichlorofluoromethane
 Concen: 47.112 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN055298.D
 Acq: 30 Apr 2019 10:51

Instrument :
 MSVOA_N
 ClientSampleId :

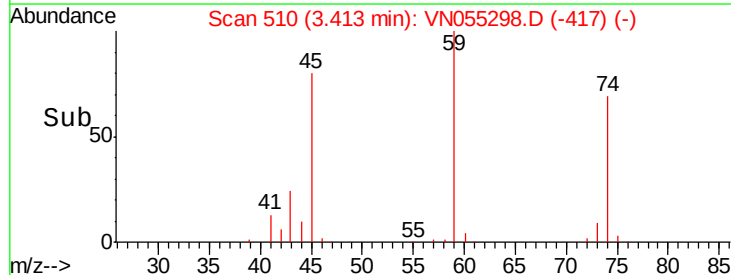
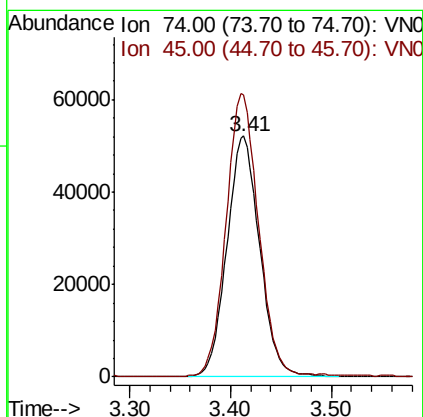
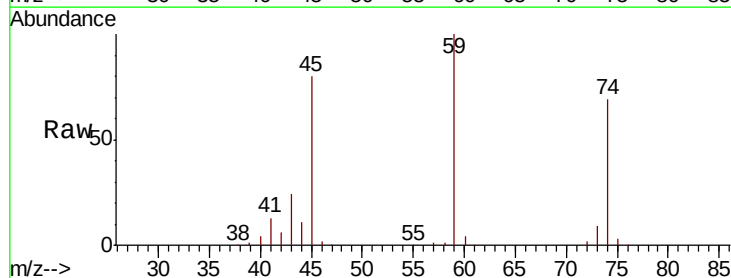
Tot Ion:101 Resp: 341539
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.6 79.0

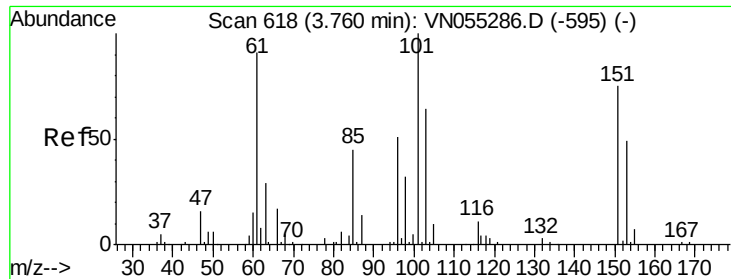


#8

Diethyl Ether
 Concen: 46.565 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN055298.D
 Acq: 30 Apr 2019 10:51

Tgt Ion: 74 Resp: 118106
 Ion Ratio Lower Upper
 74 100
 45 116.7 58.9 176.6

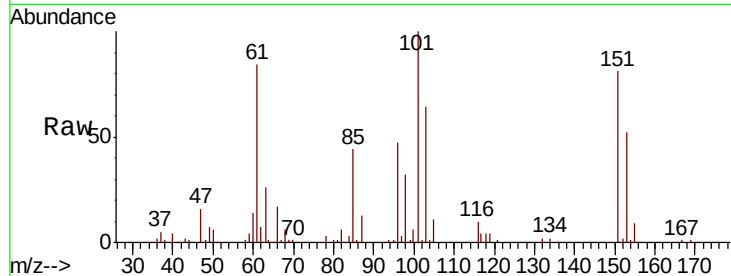




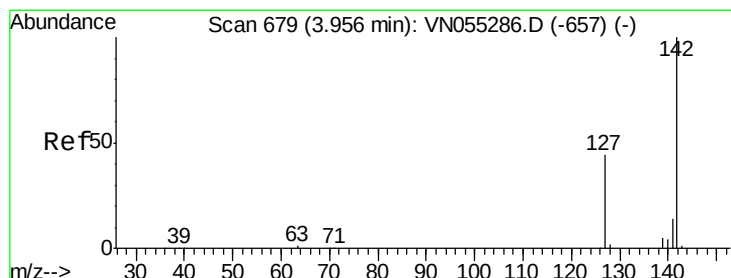
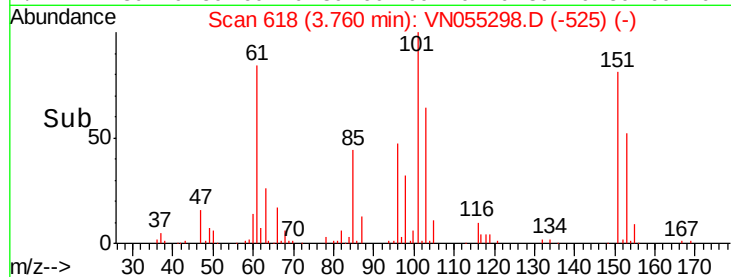
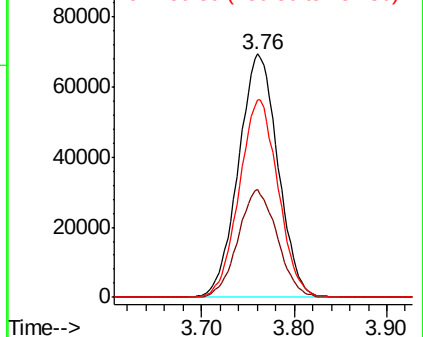
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.555 ug/l
 RT: 3.76 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: VN055298.D
 Acq: 30 Apr 2019 10:51

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.7	35.7	53.5
151	80.1	63.3	94.9

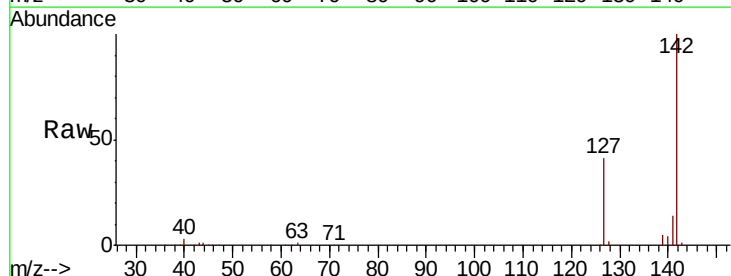


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

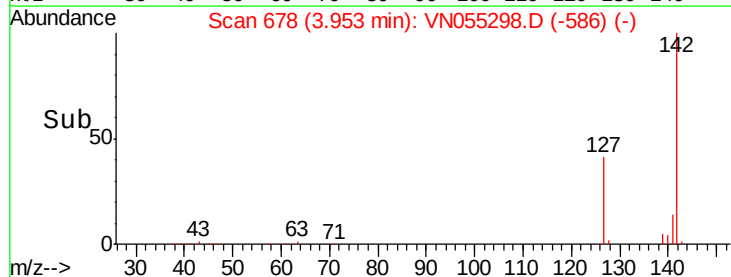
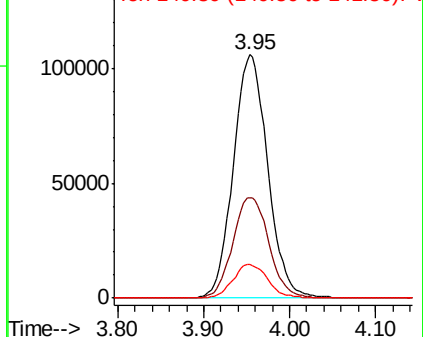


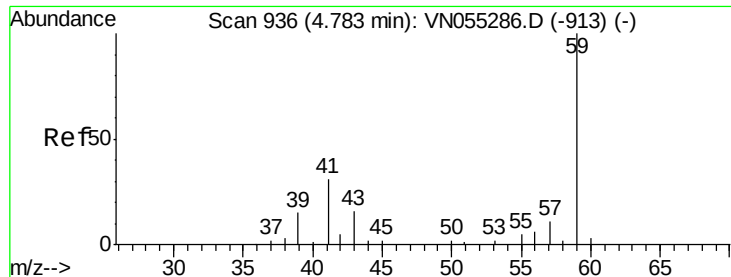
#10
 Methyl Iodide
 Concen: 48.521 ug/l
 RT: 3.95 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: VN055298.D
 Acq: 30 Apr 2019 10:51

Tgt Ion	Ratio	Lower	Upper
142	100		
127	43.5	34.4	51.6
141	14.0	11.5	17.3



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

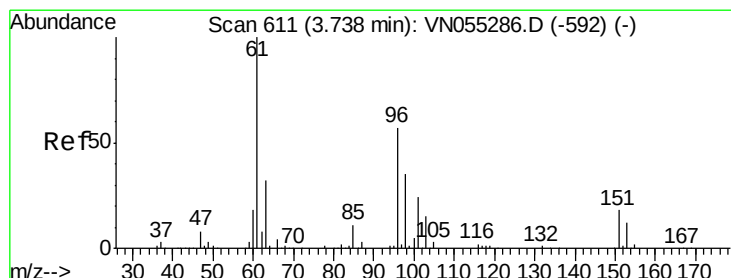
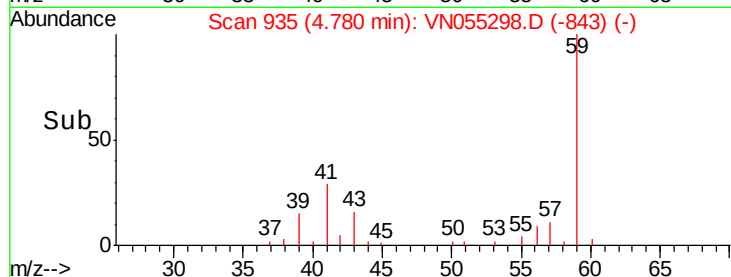
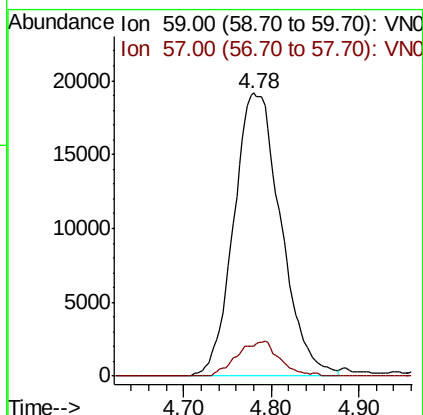
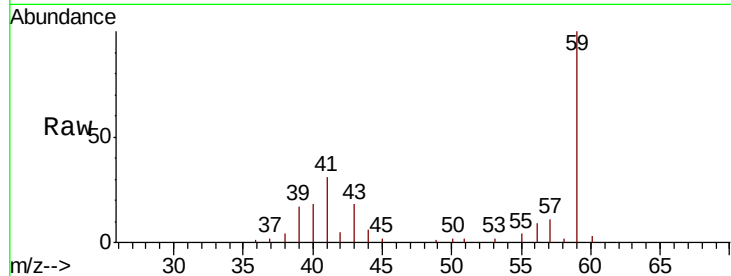




#11
Tert butyl alcohol
Concen: 229.204 ug/l
RT: 4.78 min Scan# 935
Delta R.T. -0.00 min
Lab File: VN055298.D
Acq: 30 Apr 2019 10:51

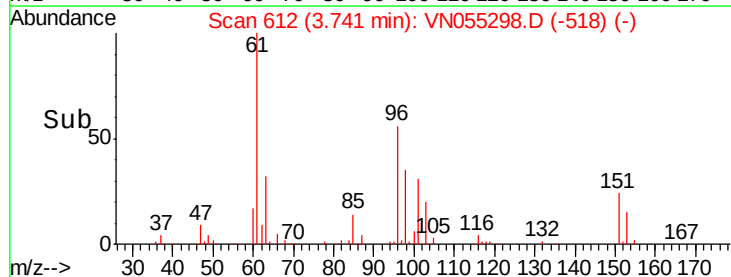
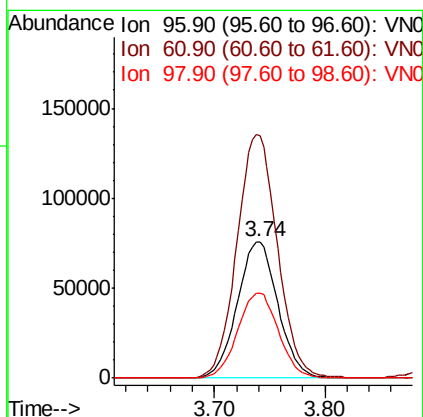
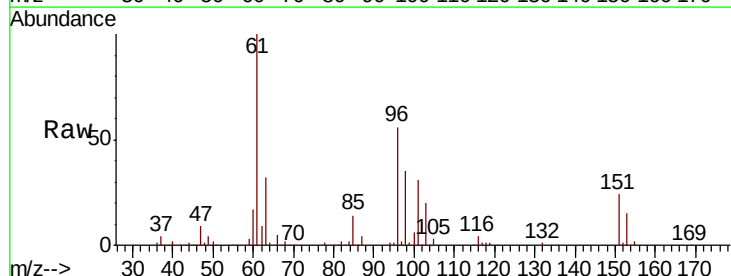
Instrument :
MSVOA_N
ClientSampled :

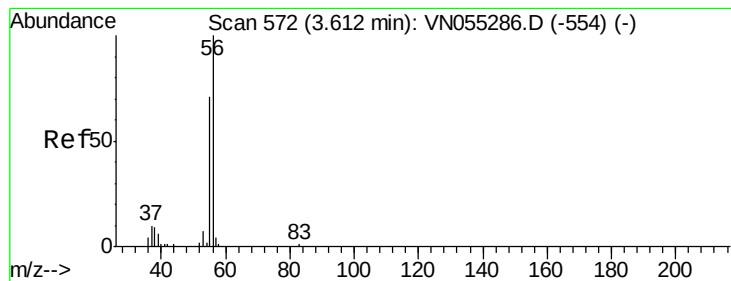
Tot Ion: 59 Resp: 71569
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.2



#12
1,1-Dichloroethene
Concen: 46.822 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN055298.D
Acq: 30 Apr 2019 10:51

Tgt Ion: 96 Resp: 192824
Ion Ratio Lower Upper
96 100
61 177.1 140.9 211.3
98 62.6 50.0 75.0





#13

Acrolein

Concen: 212.416 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.01 min

Lab File: VN055298.D

Acq: 30 Apr 2019 10:51

Instrument :

MSVOA_N

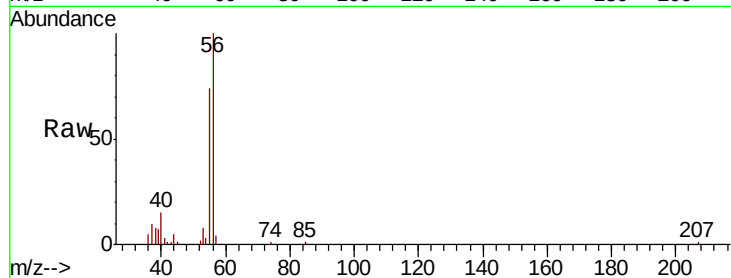
ClientSampleId :

Tot Ion: 56 Resp: 51799

Ion Ratio Lower Upper

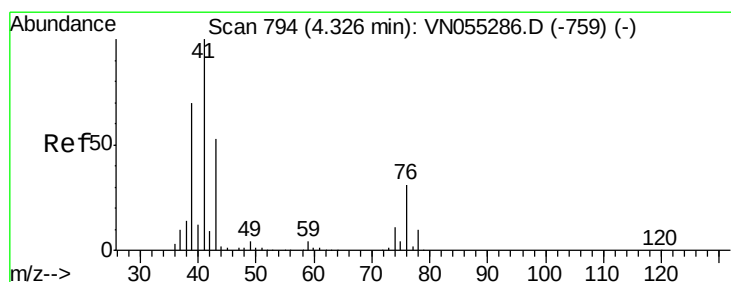
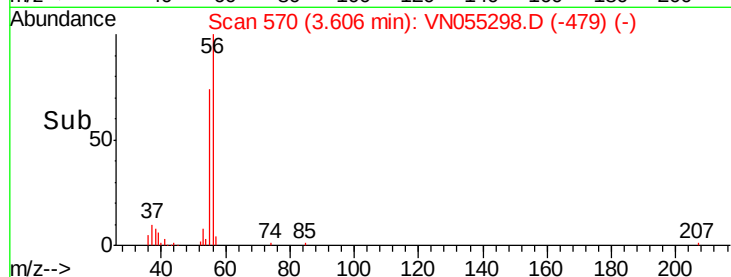
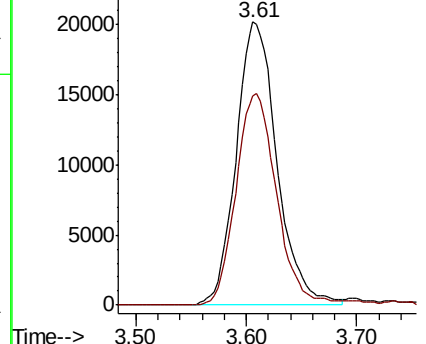
56 100

55 73.1 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 46.312 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN055298.D

Acq: 30 Apr 2019 10:51

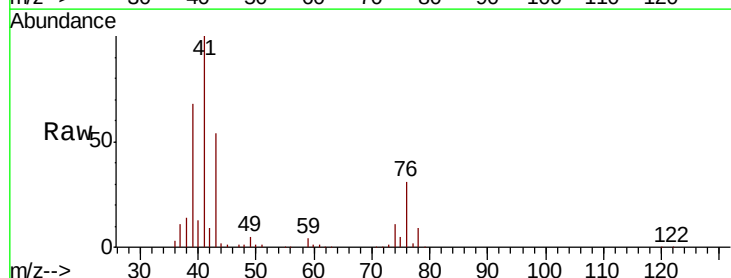
Tgt Ion: 41 Resp: 395006

Ion Ratio Lower Upper

41 100

39 67.9 53.0 79.6

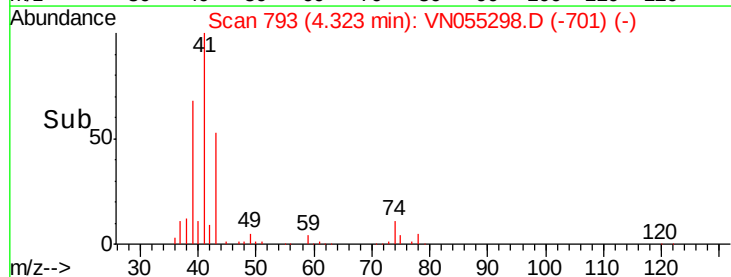
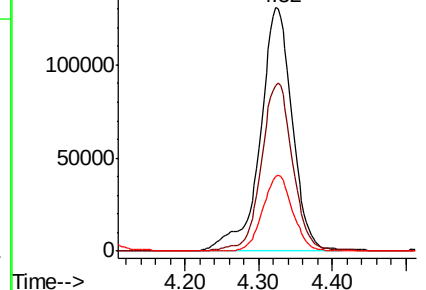
76 29.0 22.7 34.1

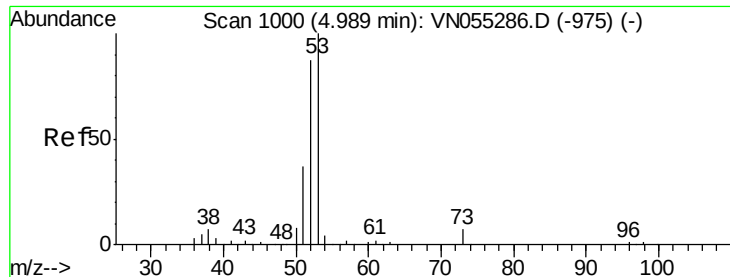


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 241.752 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN055298.D

Acq: 30 Apr 2019 10:51

Instrument :

MSVOA_N

ClientSampleId :

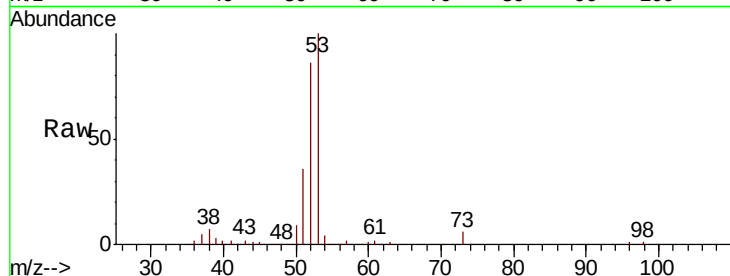
Tot Ion: 53 Resp: 424306

Ion Ratio Lower Upper

53 100

52 81.6 66.5 99.7

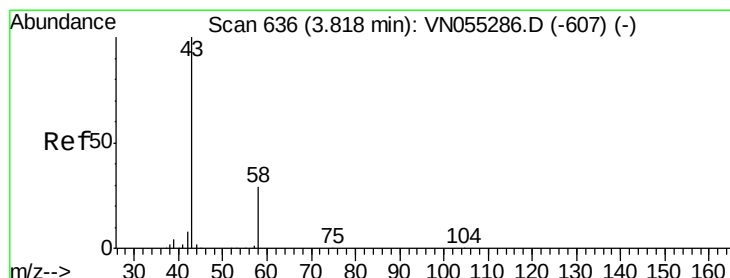
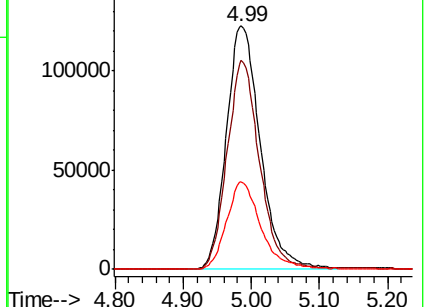
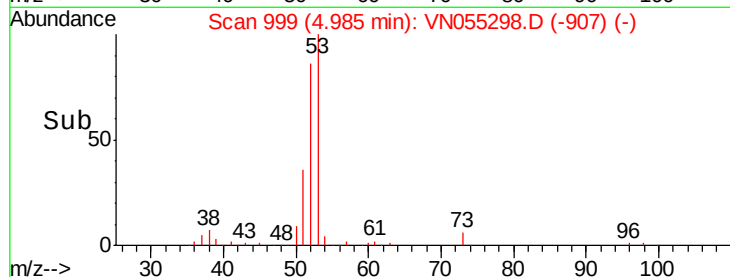
51 36.3 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VN055298.D (-907) (-)

Ion 52.00 (51.70 to 52.70): VN055298.D (-907) (-)

Ion 51.00 (50.70 to 51.70): VN055298.D (-907) (-)



#16

Acetone

Concen: 247.227 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN055298.D

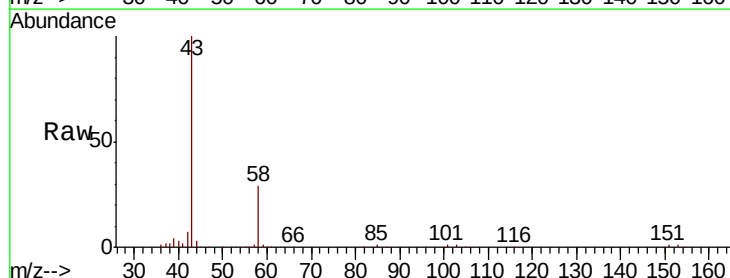
Acq: 30 Apr 2019 10:51

Tgt Ion: 43 Resp: 420129

Ion Ratio Lower Upper

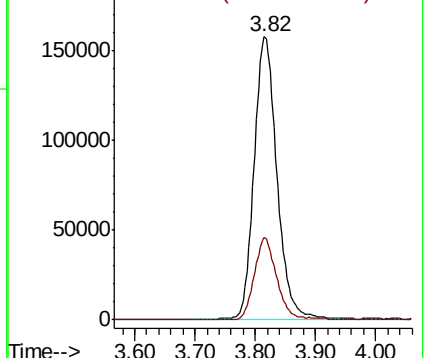
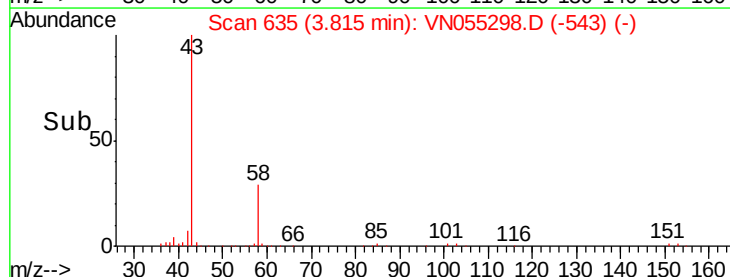
43 100

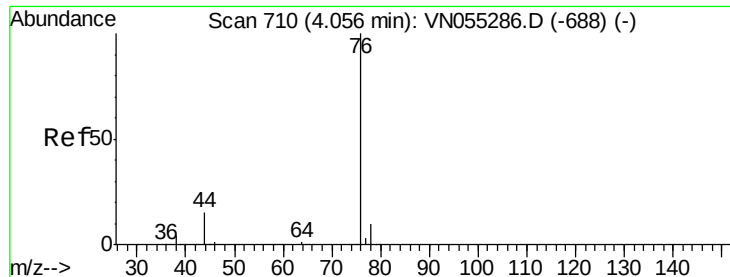
58 29.3 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN055298.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN055298.D (-543) (-)

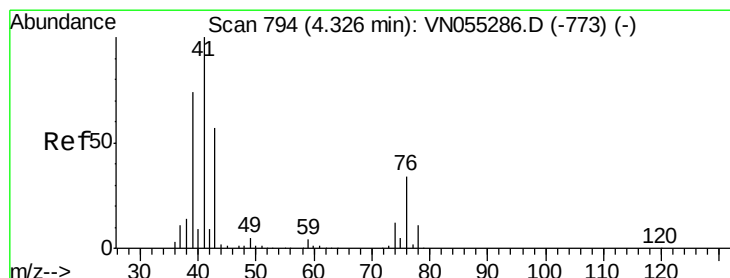
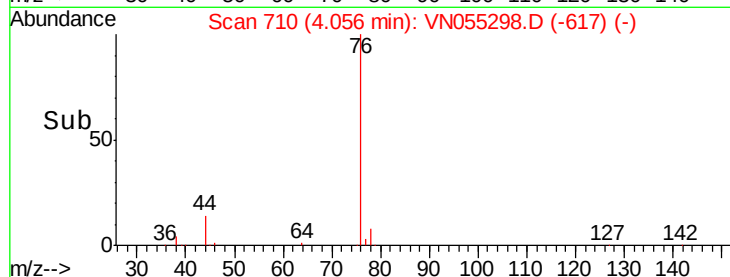
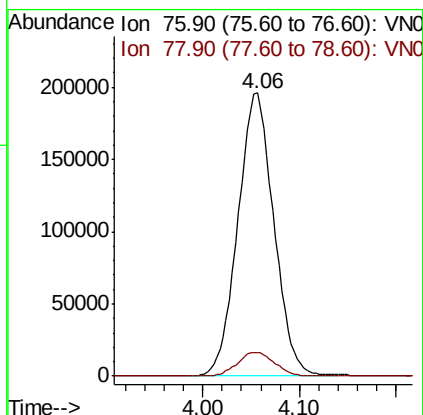
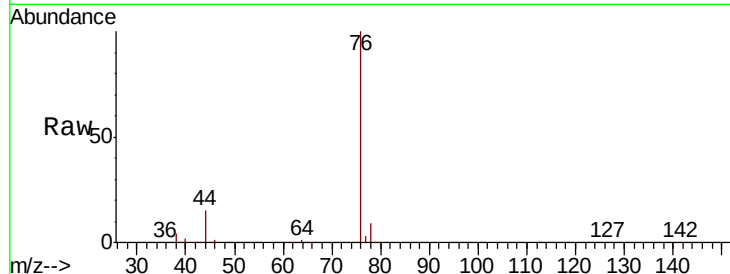




#17
Carbon Disulfide
Concen: 47.251 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.00 min
Lab File: VN055298.D
Acq: 30 Apr 2019 10:51

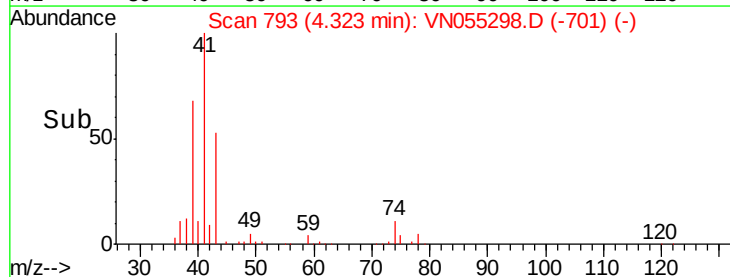
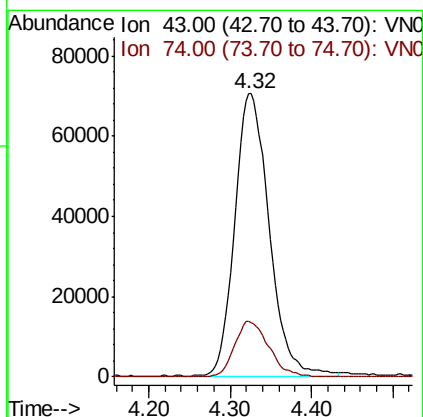
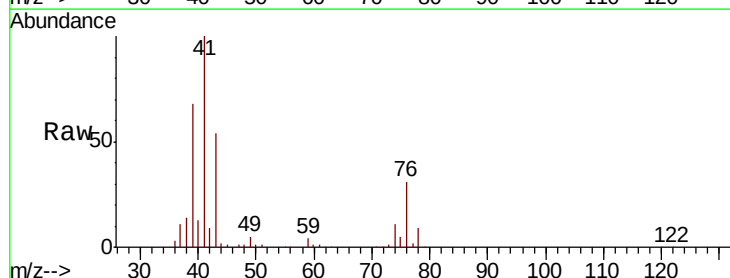
Instrument :
MSVOA_N
ClientSampled :

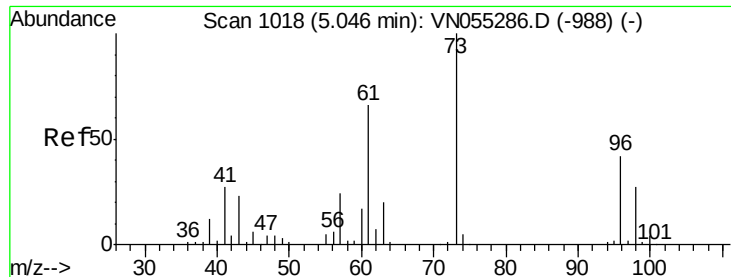
Tot Ion: 76 Resp: 507822
Ion Ratio Lower Upper
76 100
78 8.5 7.6 11.4



#18
Methyl Acetate
Concen: 49.755 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN055298.D
Acq: 30 Apr 2019 10:51

Tgt Ion: 43 Resp: 205991
Ion Ratio Lower Upper
43 100
74 19.6 15.8 23.8

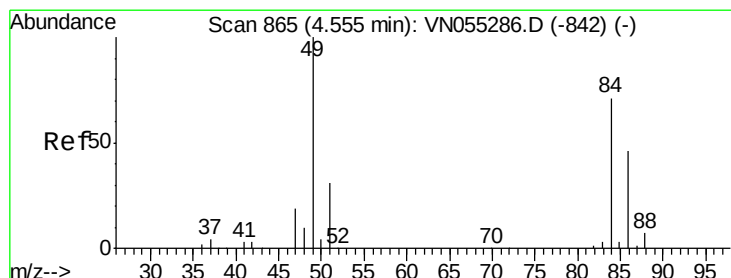
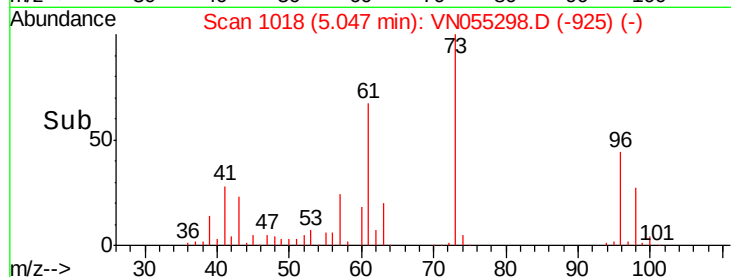
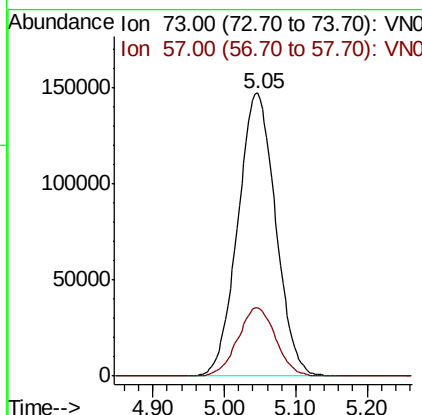
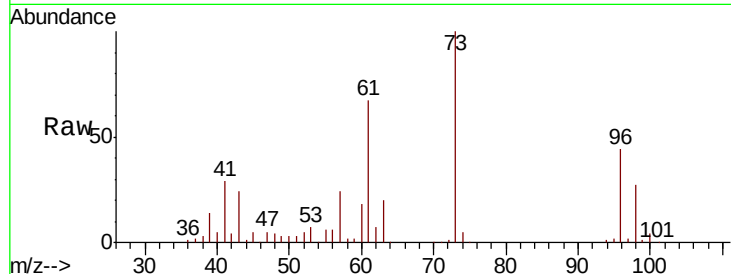




#19
Methyl tert-butyl Ether
Concen: 46.805 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN055298.D
Acq: 30 Apr 2019 10:51

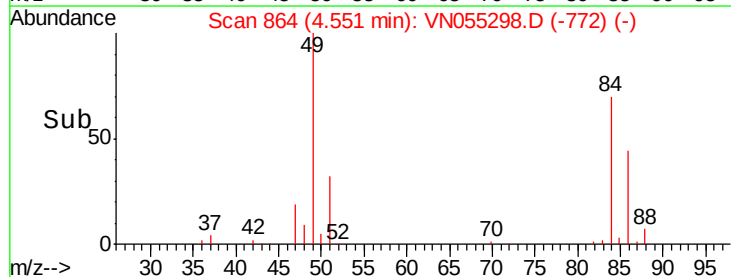
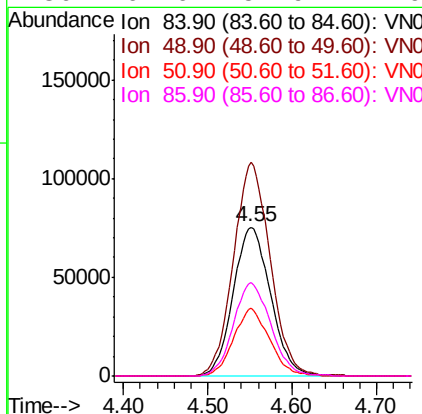
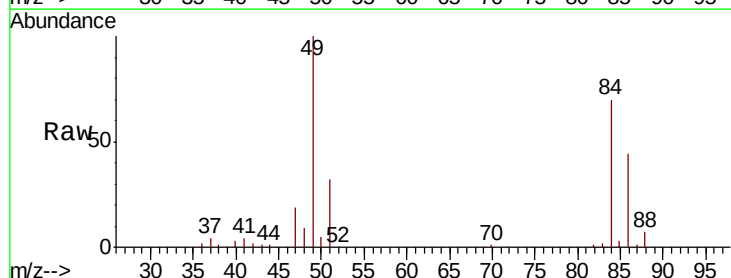
Instrument :
MSVOA_N
ClientSampled :

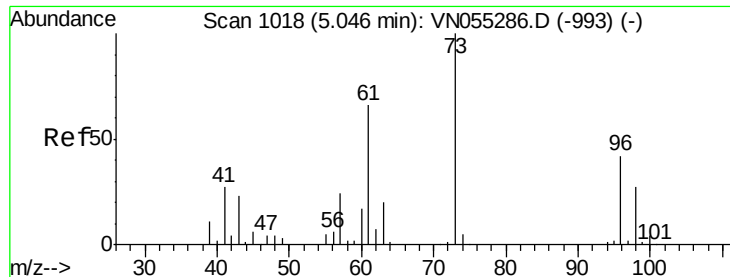
Tot Ion: 73 Resp: 541878
Ion Ratio Lower Upper
73 100
57 24.1 19.1 28.7



#20
Methylene Chloride
Concen: 44.857 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN055298.D
Acq: 30 Apr 2019 10:51

Tgt Ion: 84 Resp: 232674
Ion Ratio Lower Upper
84 100
49 143.1 112.4 168.6
51 45.4 34.6 51.8
86 62.6 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 47.369 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN055298.D

Acq: 30 Apr 2019 10:51

Instrument :
MSVOA_N
ClientSampled :

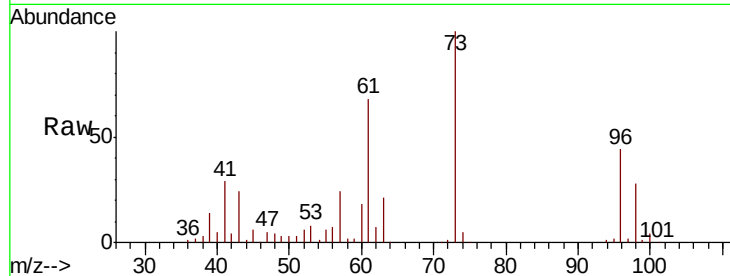
Tot Ion: 96 Resp: 206599

Ion Ratio Lower Upper

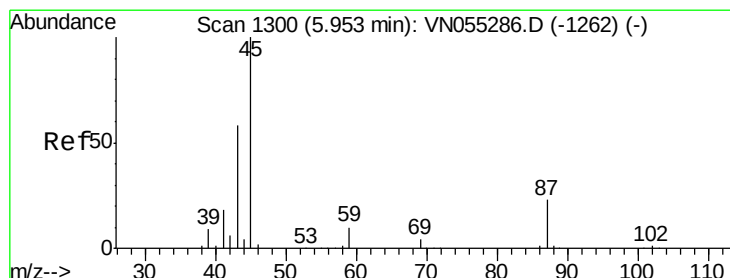
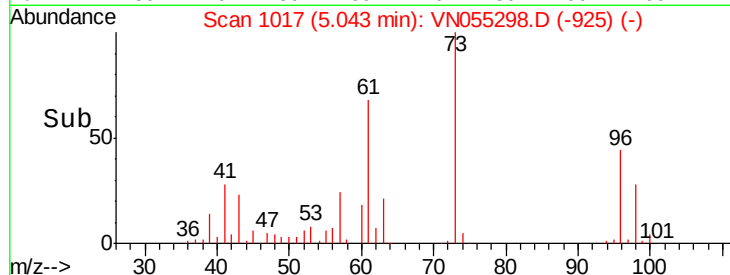
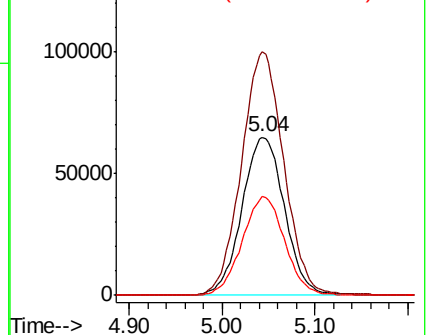
96 100

61 153.7 126.2 189.4

98 62.2 52.2 78.2



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



#22

Diisopropyl ether

Concen: 48.608 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN055298.D

Acq: 30 Apr 2019 10:51

Tgt Ion: 45 Resp: 823736

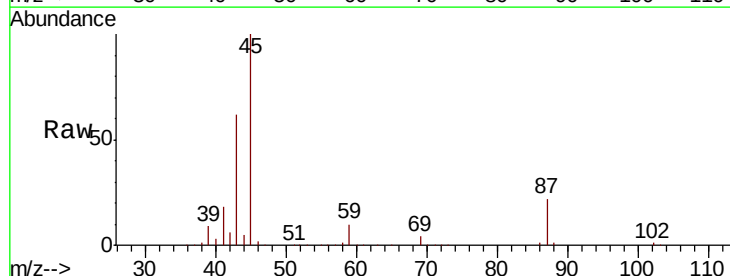
Ion Ratio Lower Upper

45 100

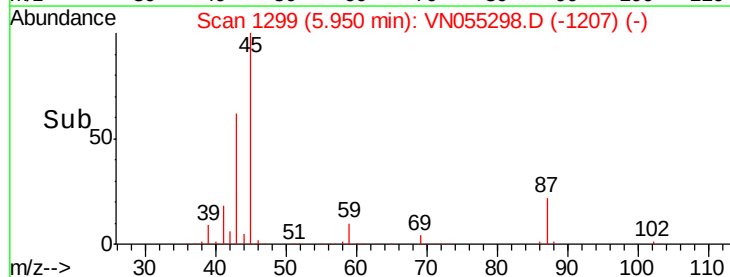
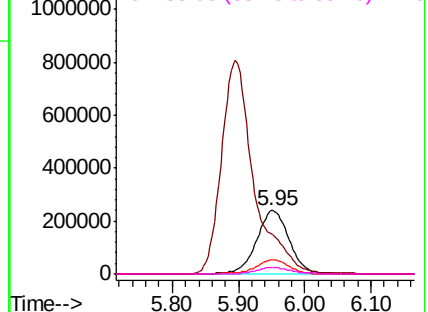
43 62.0 46.6 70.0

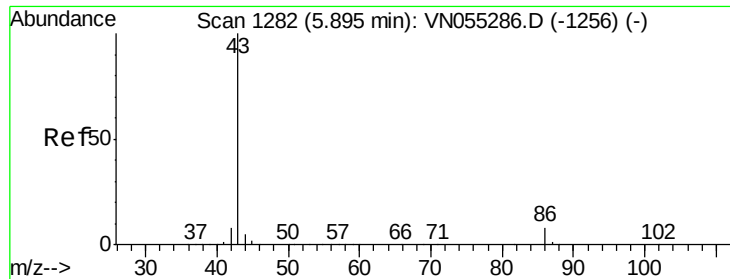
87 22.3 18.1 27.1

59 9.9 8.2 12.2



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





#23

Vinyl Acetate

Concen: 248.842 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN055298.D

Acq: 30 Apr 2019 10:51

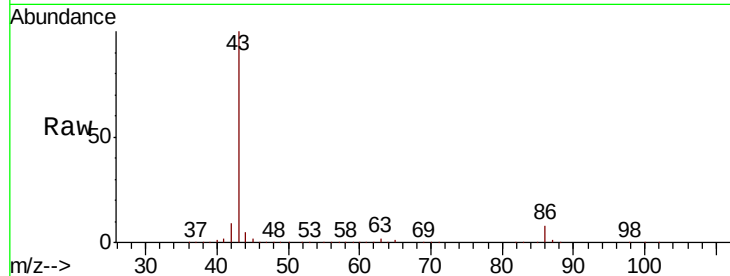
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 2763842

Ion Ratio Lower Upper

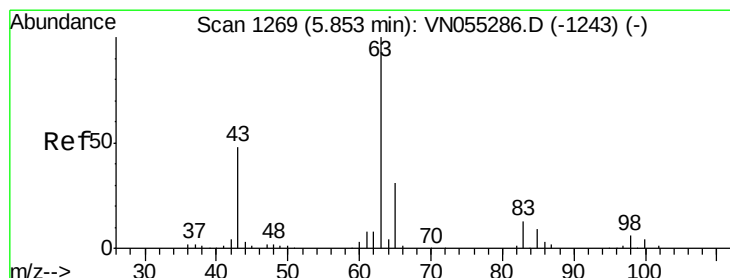
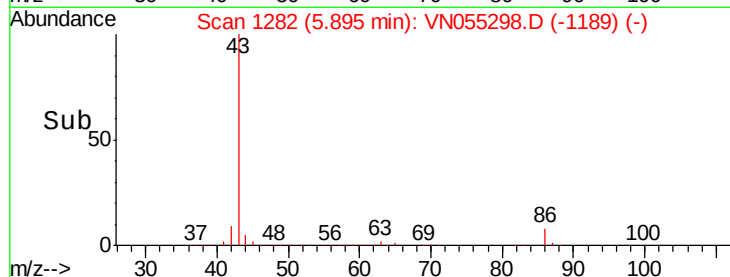
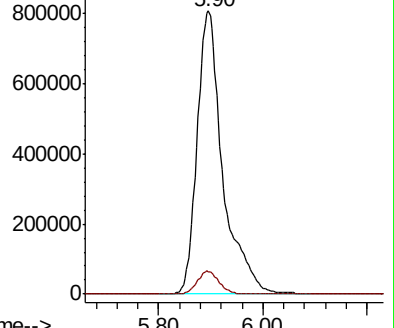
43 100

86 8.1 6.6 10.0



Abundance Ion 43.00 (42.70 to 43.70): VN055298.D (-1256) (-)

Ion 86.00 (85.70 to 86.70): VN055298.D (-1256) (-)



#24

1,1-Dichloroethane

Concen: 46.984 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN055298.D

Acq: 30 Apr 2019 10:51

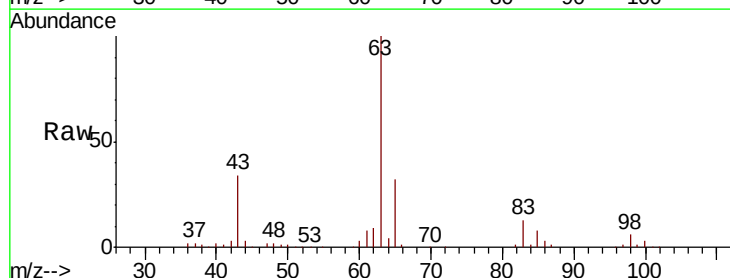
Tgt Ion: 63 Resp: 424233

Ion Ratio Lower Upper

63 100

98 5.8 3.0 9.0

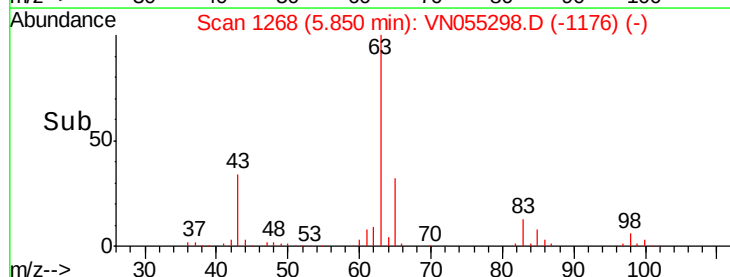
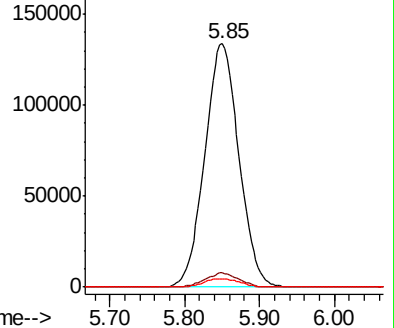
100 3.4 1.8 5.4

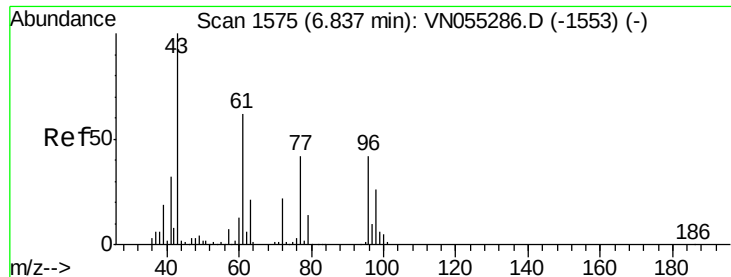


Abundance Ion 62.90 (62.60 to 63.60): VN055298.D (-1243) (-)

Ion 97.90 (97.60 to 98.60): VN055298.D (-1243) (-)

Ion 99.90 (99.60 to 100.60): VN055298.D (-1243) (-)

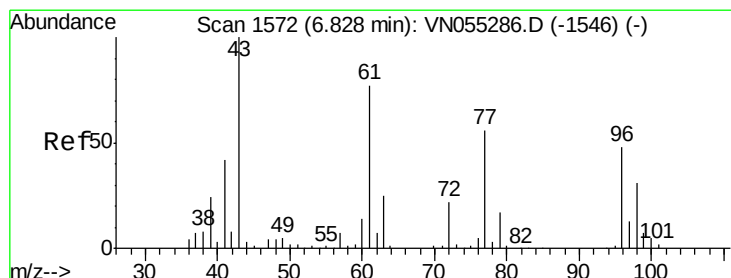
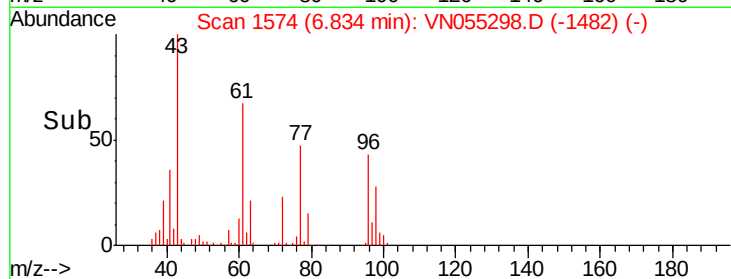
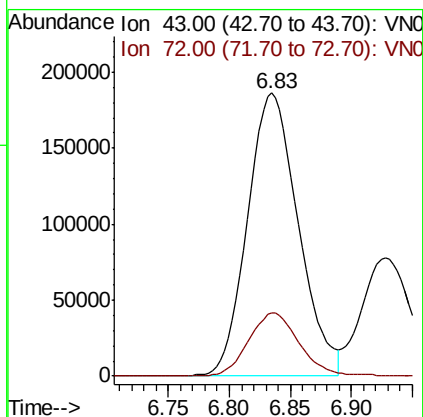
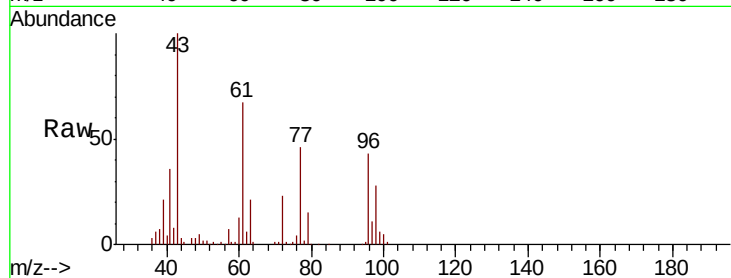




#25
2-Butanone
Concen: 246.421 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VN055298.D
Acq: 30 Apr 2019 10:51

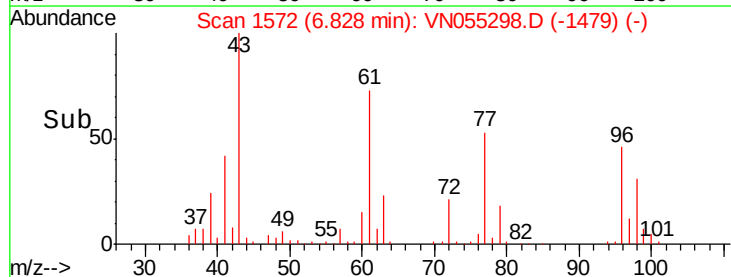
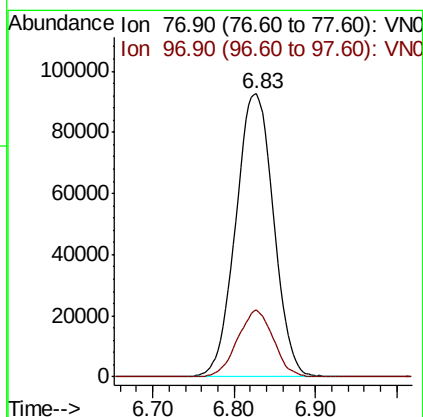
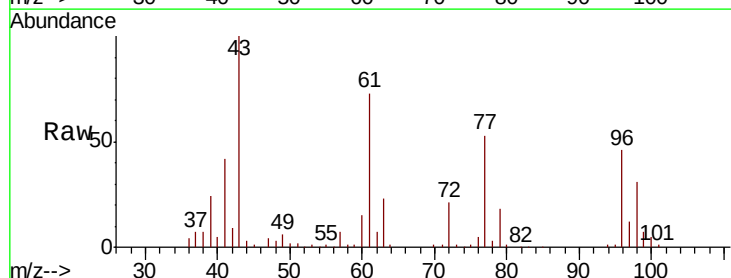
Instrument :
MSVOA_N
ClientSampled :

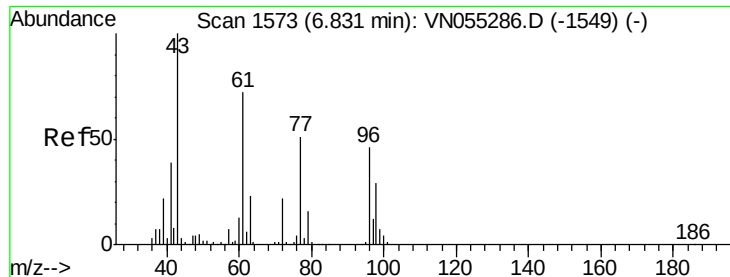
Tot Ion: 43 Resp: 535537
Ion Ratio Lower Upper
43 100
72 22.6 18.0 27.0



#26
2,2-Dichloropropane
Concen: 47.667 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN055298.D
Acq: 30 Apr 2019 10:51

Tgt Ion: 77 Resp: 297210
Ion Ratio Lower Upper
77 100
97 22.4 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 48.244 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055298.D

Acq: 30 Apr 2019 10:51

Instrument :
MSVOA_N
ClientSampled :

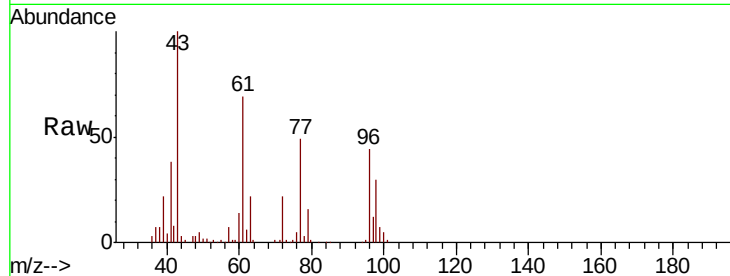
Tot Ion: 96 Resp: 239282

Ion Ratio Lower Upper

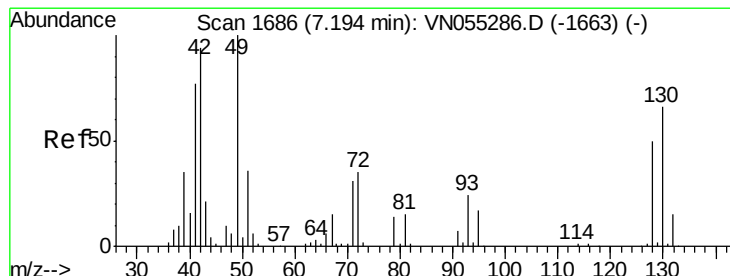
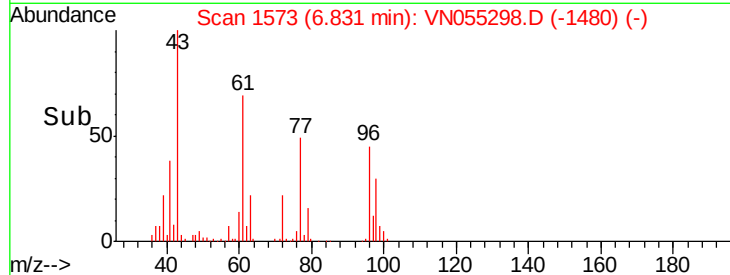
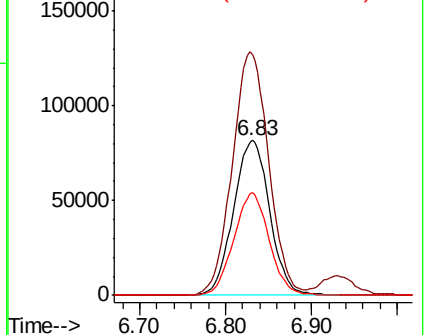
96 100

61 157.7 0.0 316.2

98 64.7 0.0 126.6



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: 47.869 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN055298.D

Acq: 30 Apr 2019 10:51

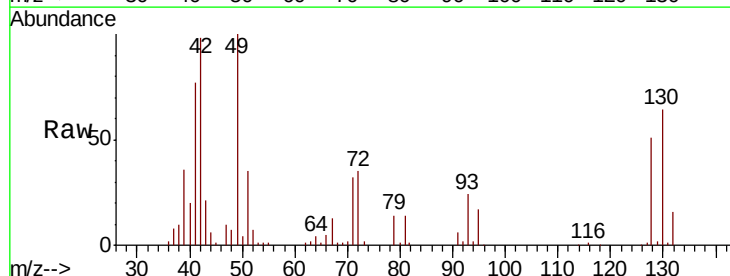
Tgt Ion: 49 Resp: 217873

Ion Ratio Lower Upper

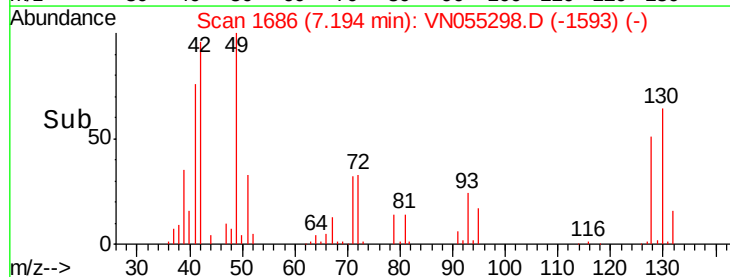
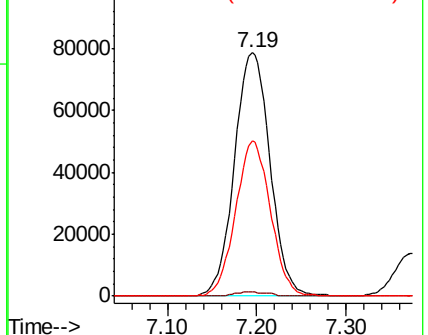
49 100

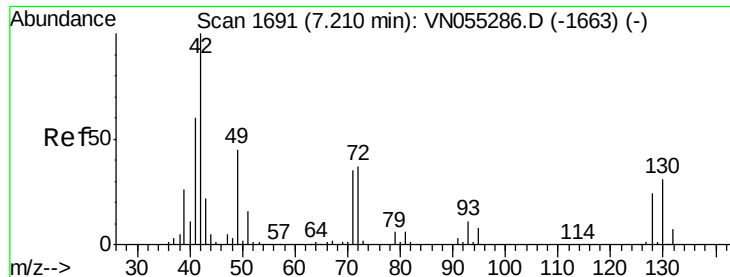
129 1.6 0.0 2.4

130 62.3 52.0 78.0



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

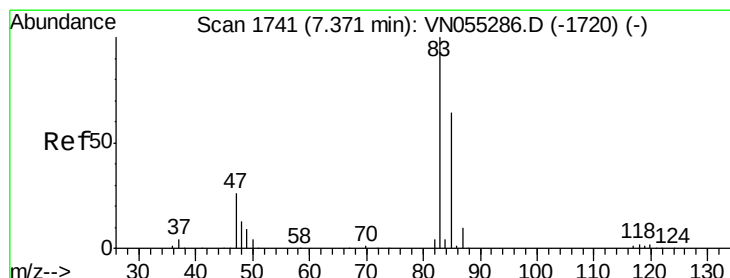
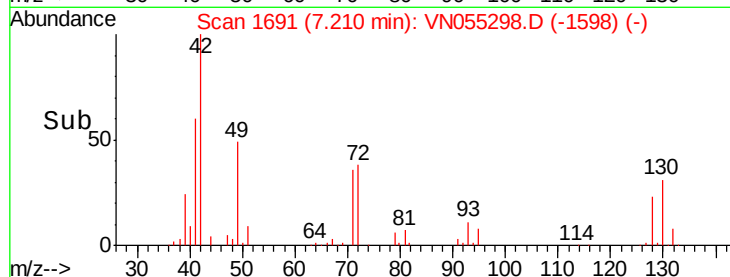
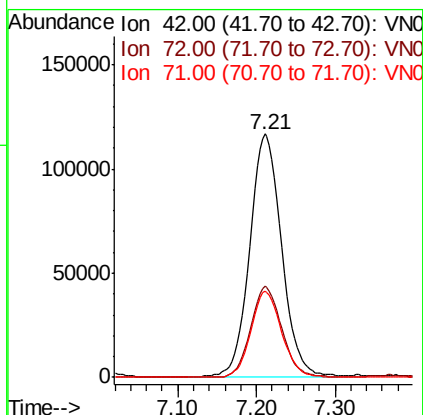
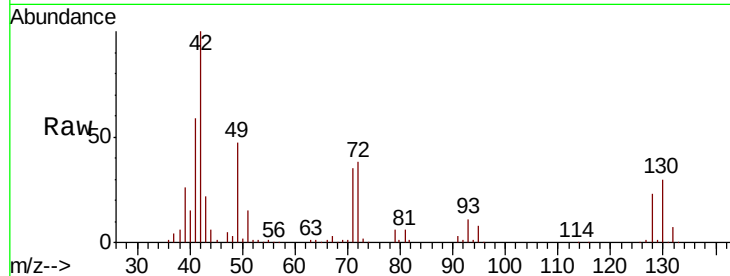




#29
Tetrahydrofuran
Concen: 240.917 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN055298.D
Acq: 30 Apr 2019 10:51

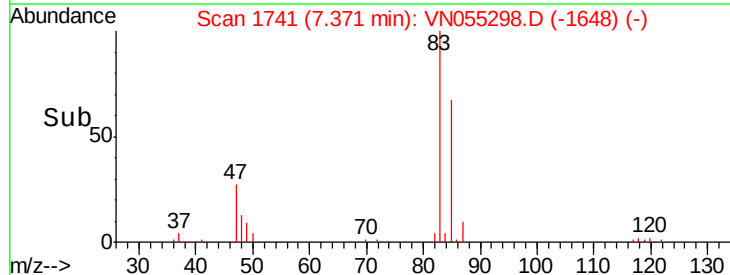
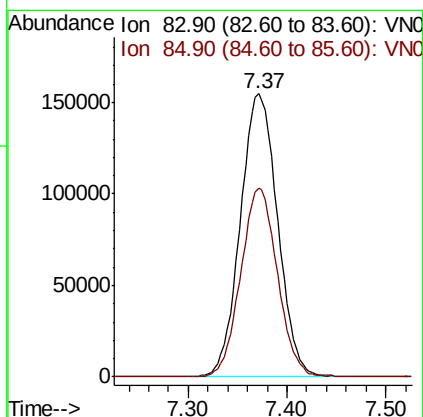
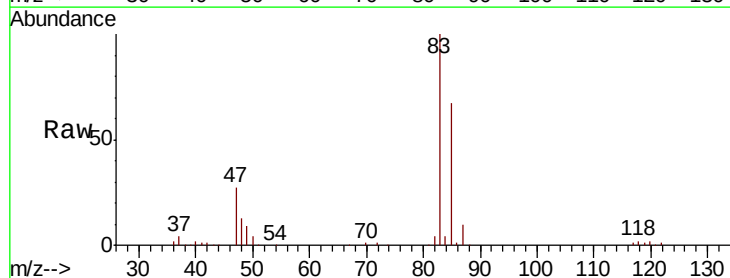
Instrument :
MSVOA_N
ClientSampled :

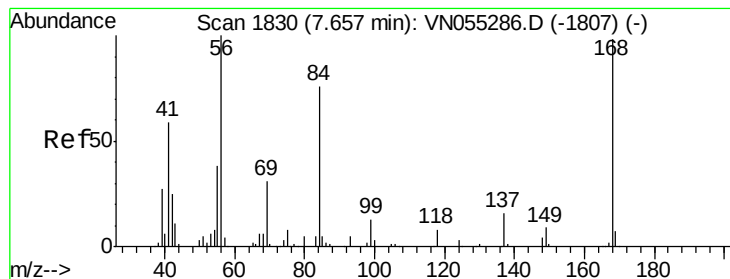
Tot Ion	42.00 (41.70 to 42.70): VN0	Resp	335261
Ion Ratio	Lower	Upper	
42	100		
72	36.6	29.0	43.6
71	34.3	27.1	40.7



#30
Chloroform
Concen: 47.304 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055298.D
Acq: 30 Apr 2019 10:51

Tgt Ion	83.90 (82.60 to 83.60): VN0	Resp	404895
Ion Ratio	Lower	Upper	
83	100		
85	66.7	51.4	77.2





#31

Cyclohexane

Concen: 45.442 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN055298.D

Acq: 30 Apr 2019 10:51

Instrument :
MSVOA_N
ClientSampled :

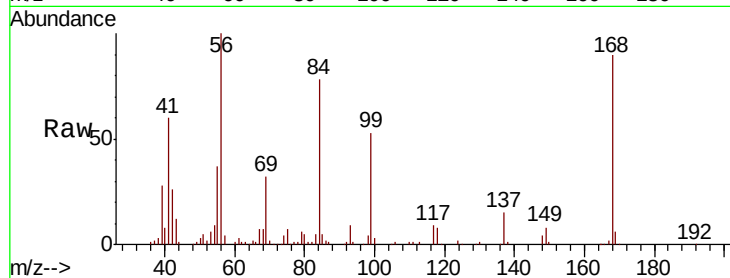
Tot Ion: 56 Resp: 389838

Ion Ratio Lower Upper

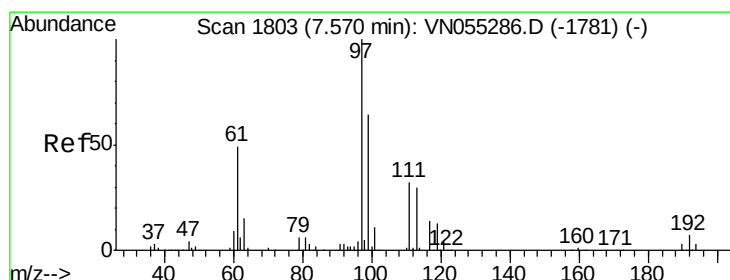
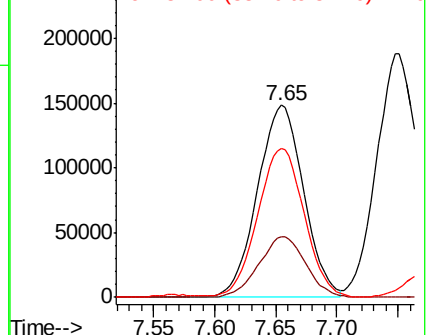
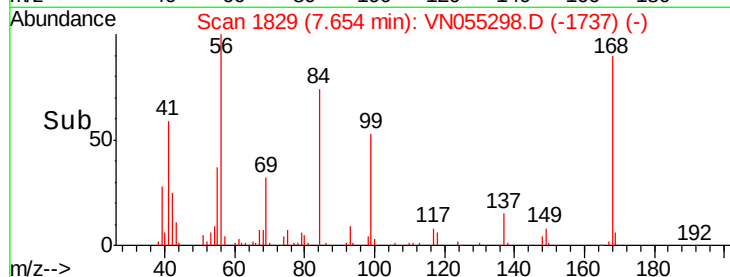
56 100

69 31.6 25.2 37.8

84 76.4 61.1 91.7



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: 47.151 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN055298.D

Acq: 30 Apr 2019 10:51

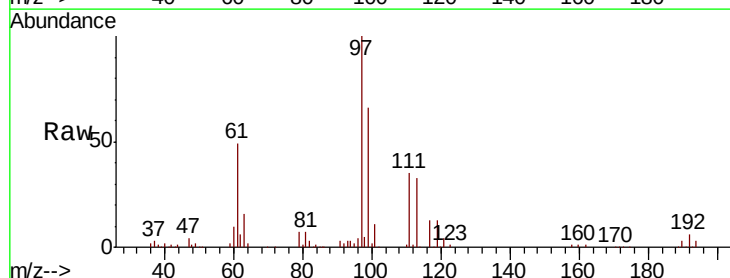
Tgt Ion: 97 Resp: 327550

Ion Ratio Lower Upper

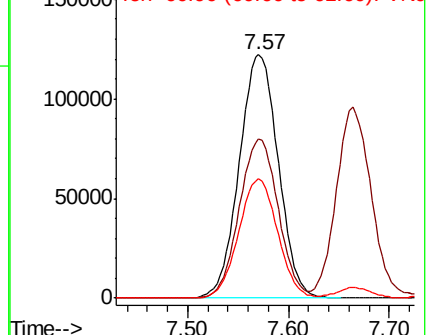
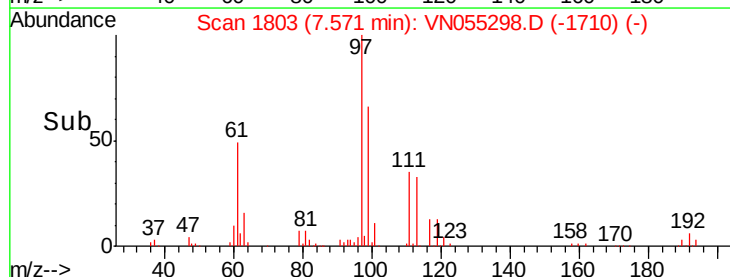
97 100

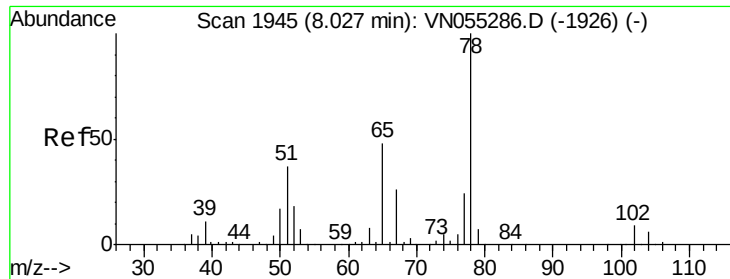
99 65.4 51.8 77.8

61 48.9 39.0 58.6



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

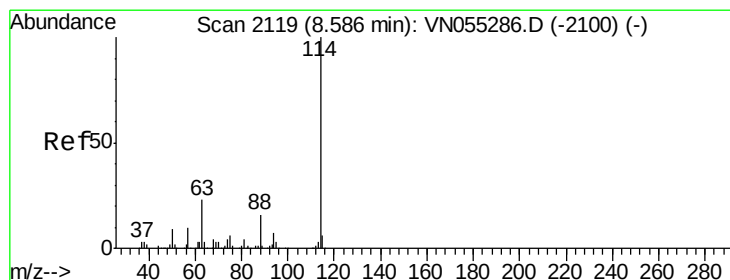
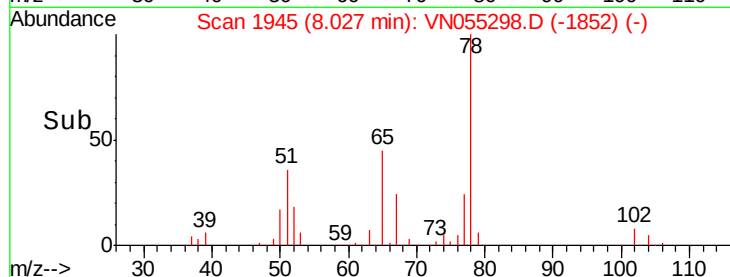
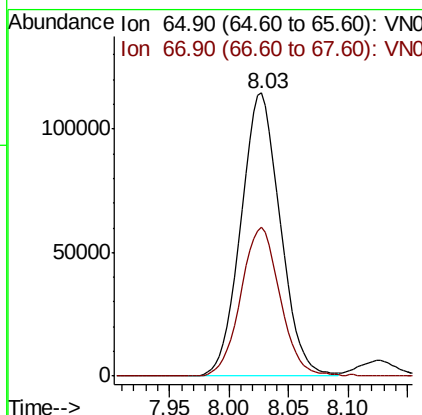
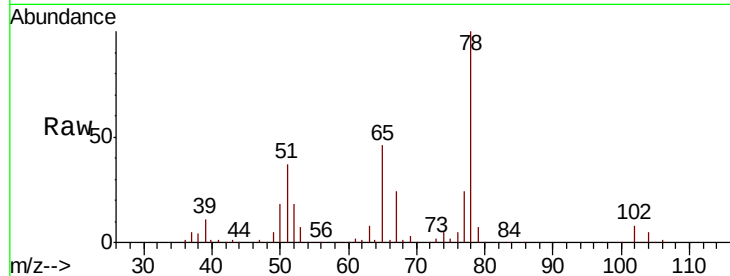




#33
 1,2-Dichloroethane-d4
 Concen: 48.207 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055298.D
 Acq: 30 Apr 2019 10:51

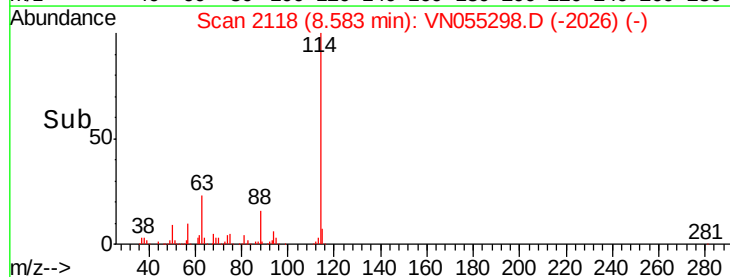
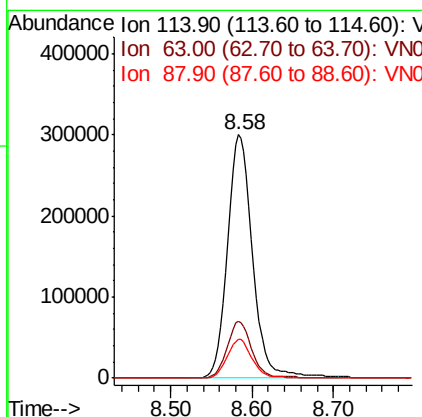
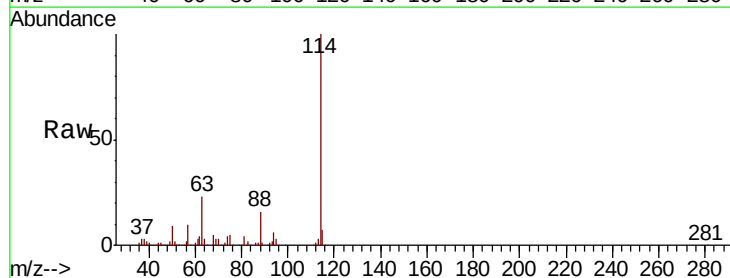
Instrument :
 MSVOA_N
 ClientSampled :

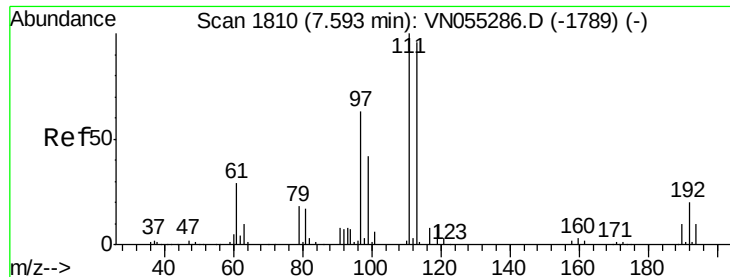
Tot Ion: 65 Resp: 262914
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN055298.D
 Acq: 30 Apr 2019 10:51

Tgt Ion: 114 Resp: 652654
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 45.2
 88 15.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 48.068 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055298.D

Acq: 30 Apr 2019 10:51

Instrument :

MSVOA_N

ClientSampled :

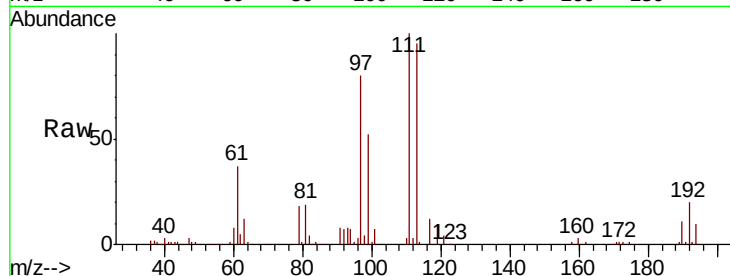
Tot Ion:113 Resp: 205912

Ion Ratio Lower Upper

113 100

111 104.7 82.3 123.5

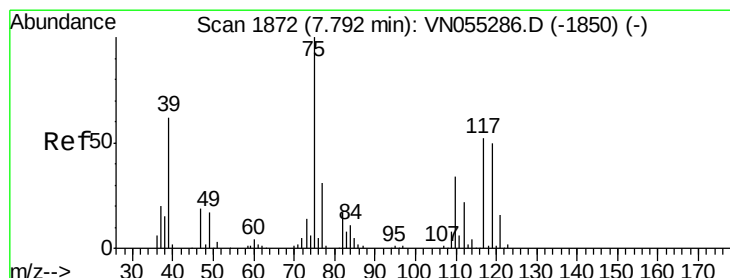
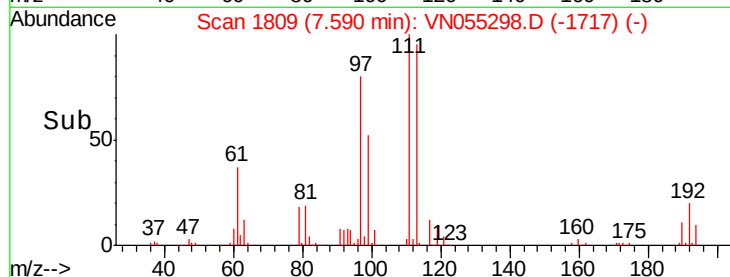
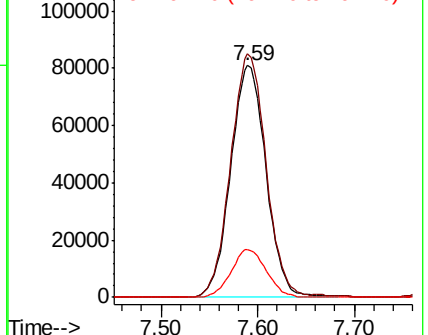
192 20.6 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.052 ug/l

RT: 7.79 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VN055298.D

Acq: 30 Apr 2019 10:51

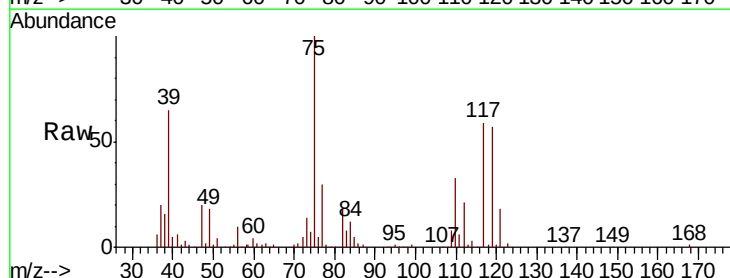
Tgt Ion: 75 Resp: 306644

Ion Ratio Lower Upper

75 100

110 32.8 16.8 50.4

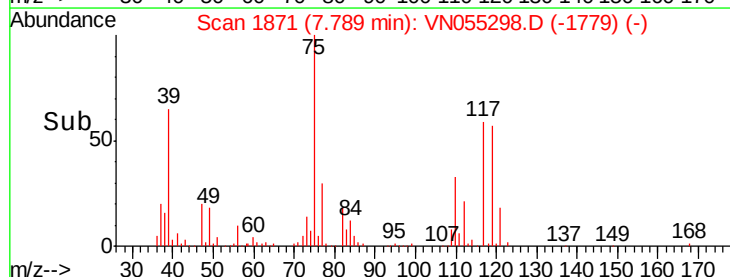
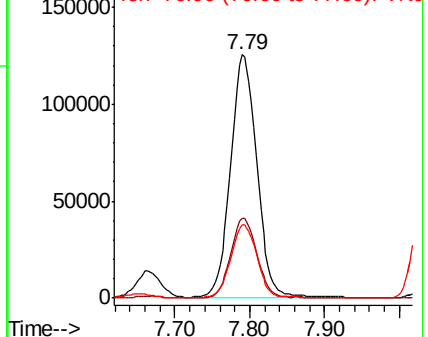
77 30.3 25.0 37.6

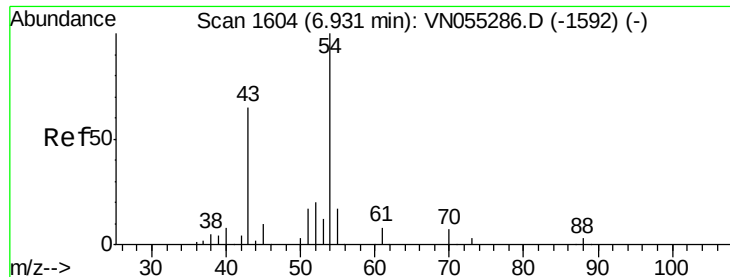


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

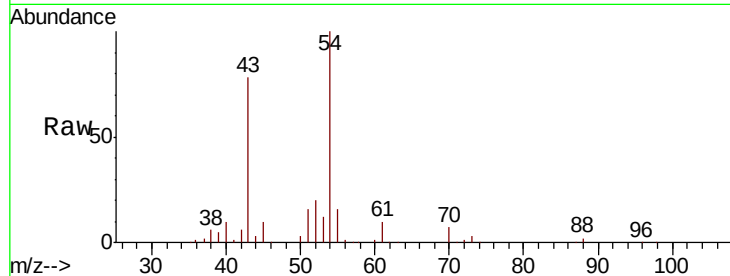




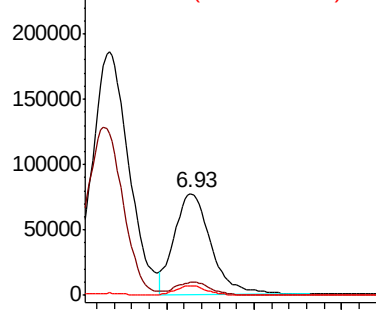
#37
Ethyl Acetate
Concen: 46.778 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN055298.D
Acq: 30 Apr 2019 10:51

Instrument :
MSVOA_N
ClientSampled :

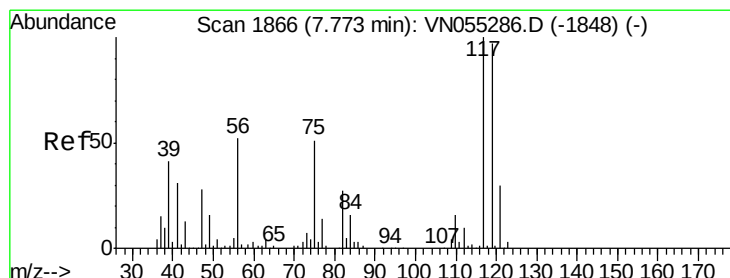
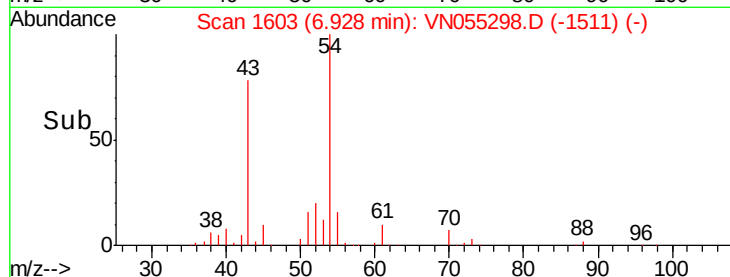
Tot Ion: 43 Resp: 224122
Ion Ratio Lower Upper
43 100
61 12.6 10.4 15.6
70 8.6 6.6 10.0



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

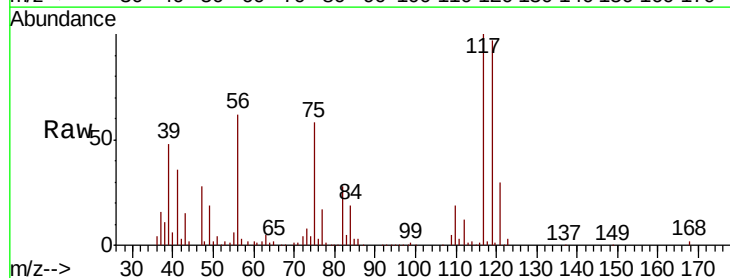


Time-->

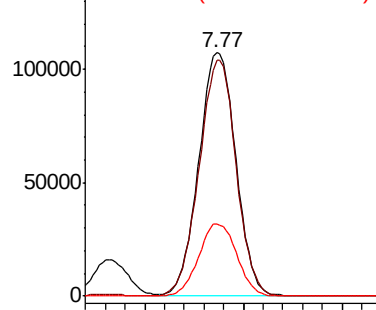


#38
Carbon Tetrachloride
Concen: 46.610 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN055298.D
Acq: 30 Apr 2019 10:51

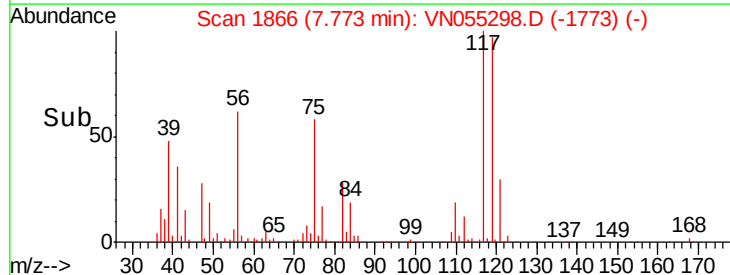
Tgt Ion: 117 Resp: 281078
Ion Ratio Lower Upper
117 100
119 96.7 77.0 115.6
121 29.6 23.8 35.8

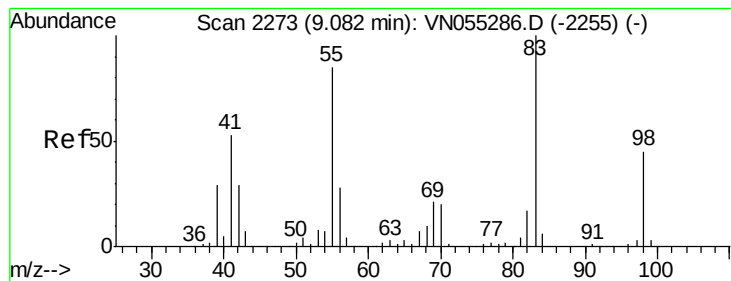


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



Time-->





#39

Methylvlcyclohexane

Concen: 49.146 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN055298.D

Acq: 30 Apr 2019 10:51

Instrument :

MSVOA_N

ClientSampled :

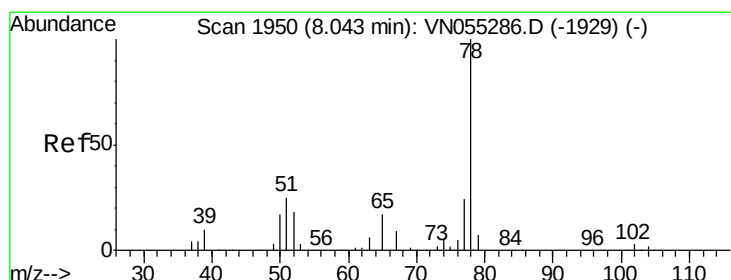
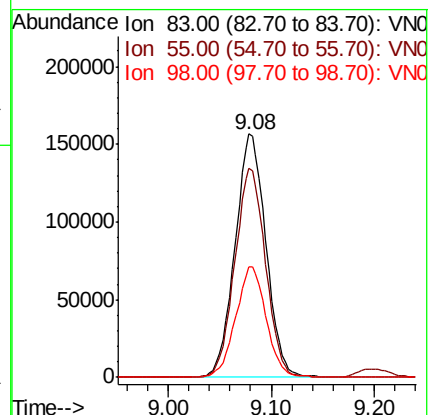
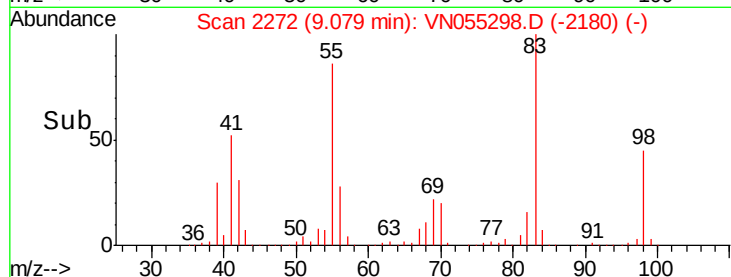
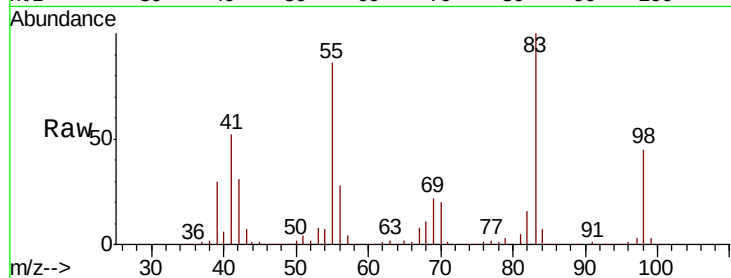
Tot Ion: 83 Resp: 326654

Ion Ratio Lower Upper

83 100

55 86.1 67.8 101.6

98 45.4 36.2 54.4



#40

Benzene

Concen: 48.759 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: VN055298.D

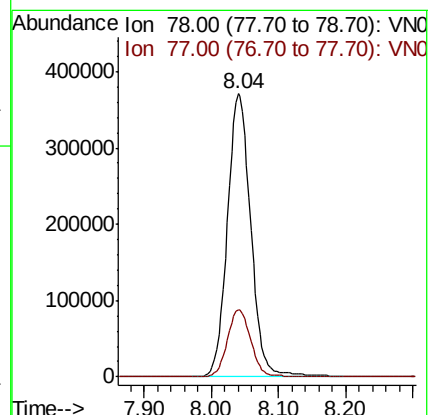
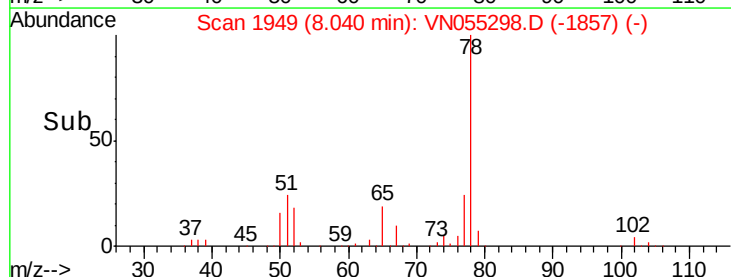
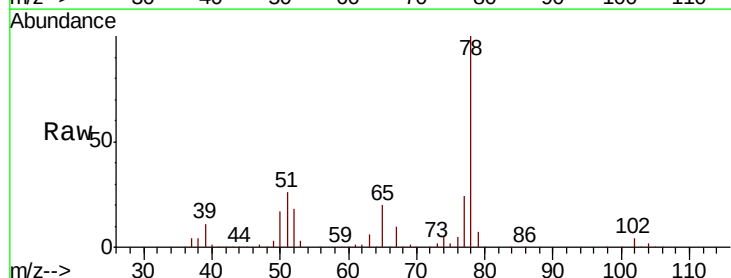
Acq: 30 Apr 2019 10:51

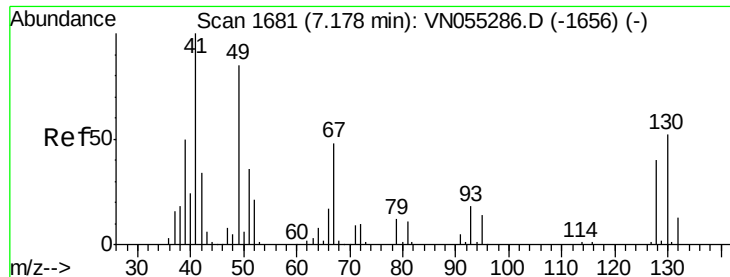
Tgt Ion: 78 Resp: 898565

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6

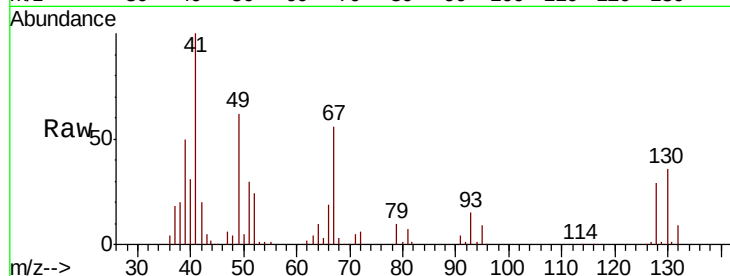




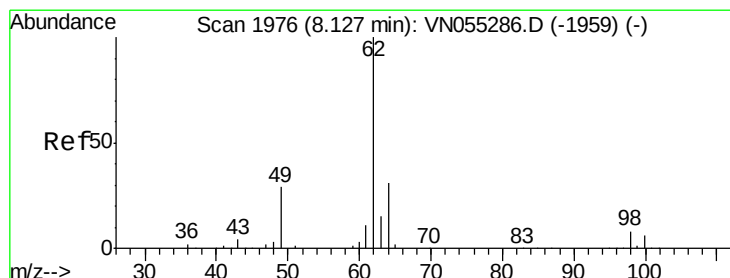
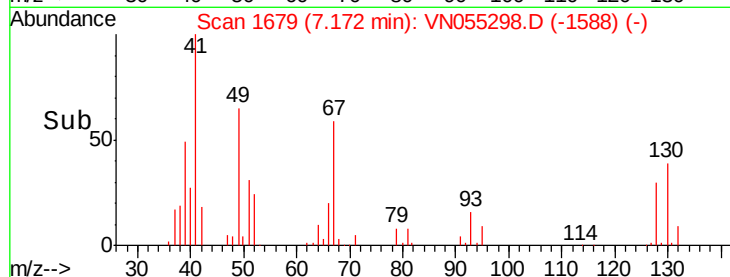
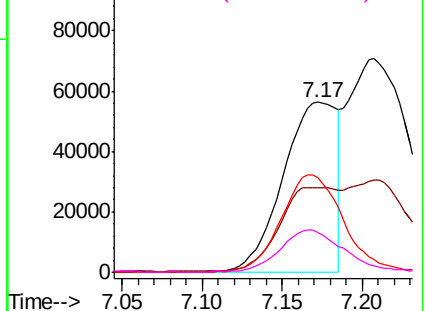
#41
Methacrylonitrile
Concen: 51.139 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.01 min
Lab File: VN055298.D
Acq: 30 Apr 2019 10:51

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 132651
Ion Ratio Lower Upper
41 100
39 51.8 48.5 72.7
67 66.8 54.9 82.3
52 29.9 24.9 37.3

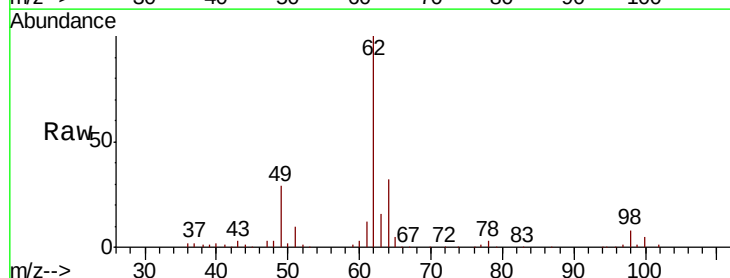


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

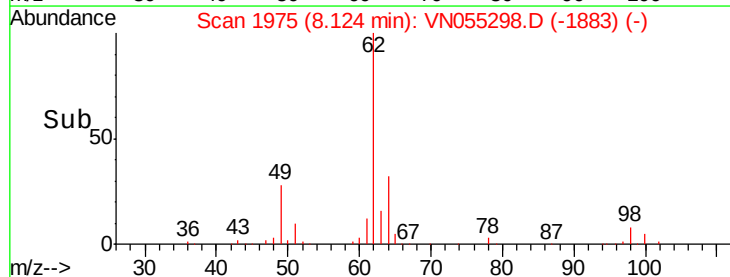
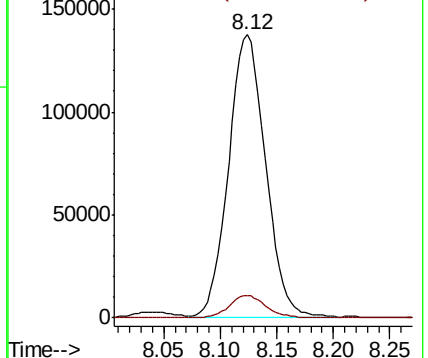


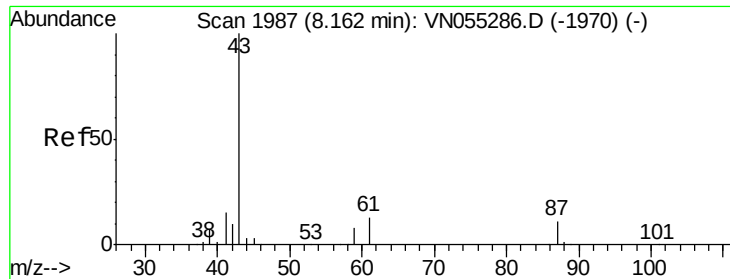
#42
1,2-Dichloroethane
Concen: 47.888 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN055298.D
Acq: 30 Apr 2019 10:51

Tgt Ion: 62 Resp: 312573
Ion Ratio Lower Upper
62 100
98 7.9 0.0 16.4



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





#43

Isopropyl Acetate

Concen: 49.358 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN055298.D

Acq: 30 Apr 2019 10:51

Instrument :

MSVOA_N

ClientSampleId :

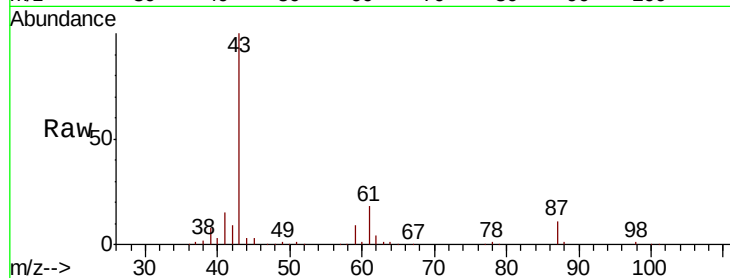
Tot Ion: 43 Resp: 380039

Ion Ratio Lower Upper

43 100

61 17.5 20.8 31.2#

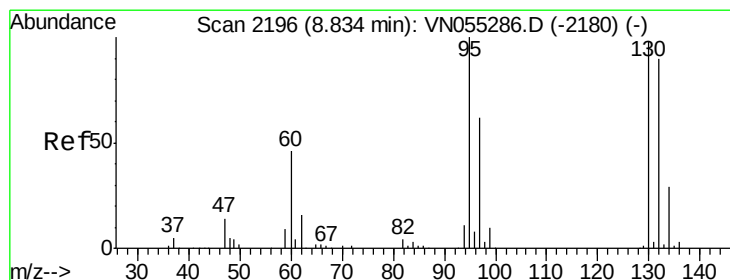
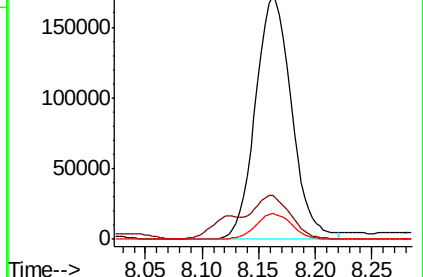
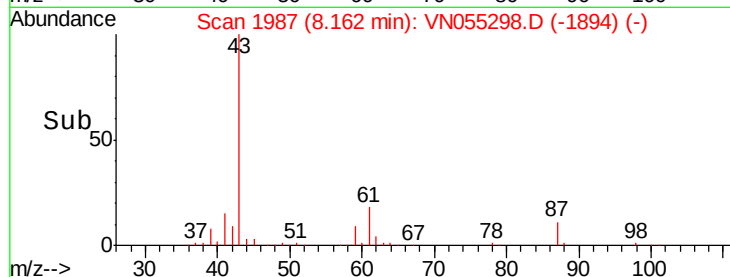
87 10.6 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN055298.D (-2103) (-)

Ion 61.00 (60.70 to 61.70): VN055298.D (-2103) (-)

Ion 87.00 (86.70 to 87.70): VN055298.D (-2103) (-)



#44

Trichloroethene

Concen: 47.172 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055298.D

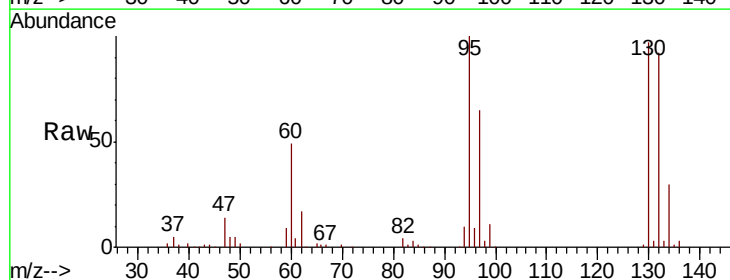
Acq: 30 Apr 2019 10:51

Tgt Ion:130 Resp: 221614

Ion Ratio Lower Upper

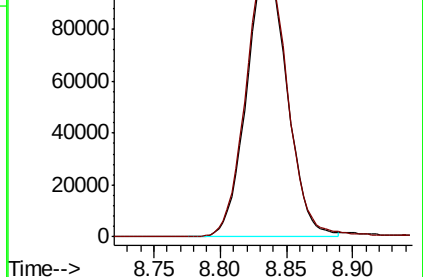
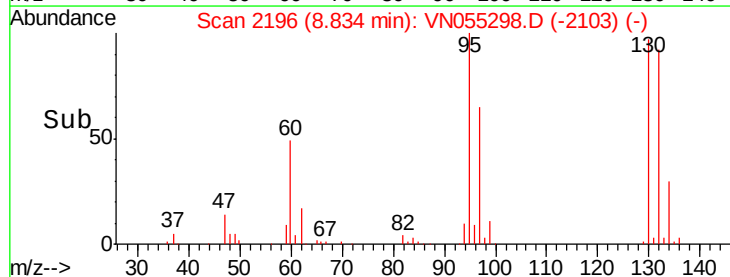
130 100

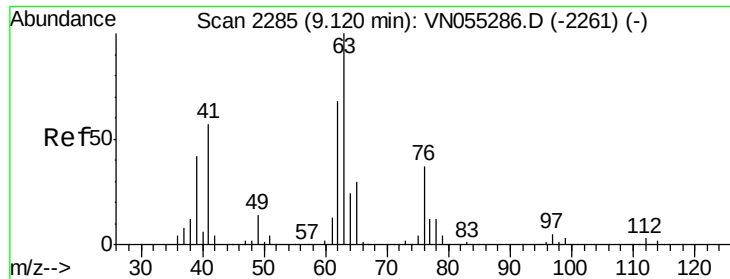
95 102.8 0.0 203.4



Abundance Ion 129.80 (129.50 to 130.50): VN055298.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN055298.D (-2103) (-)

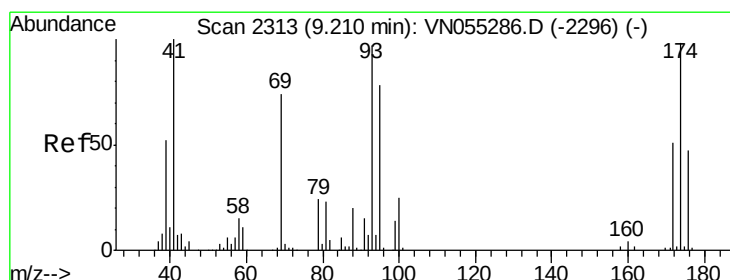
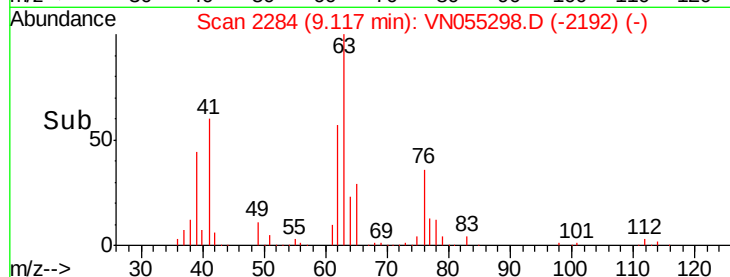
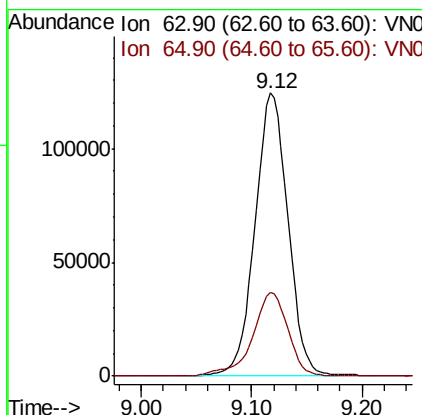
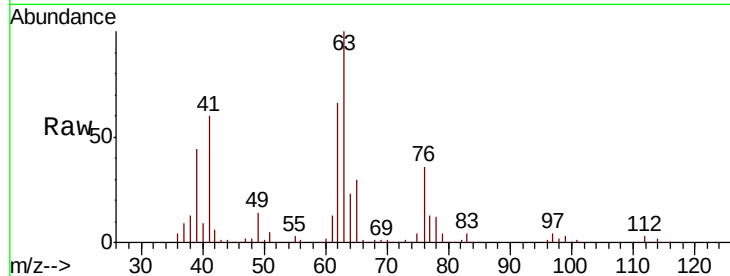




#45
 1,2-Dichloropropane
 Concen: 48.484 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN055298.D
 Acq: 30 Apr 2019 10:51

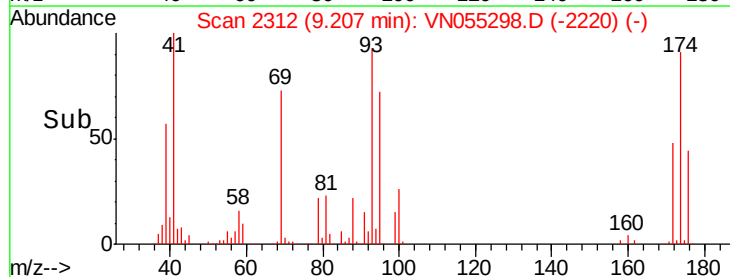
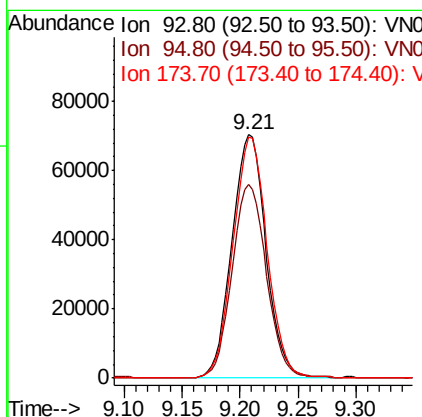
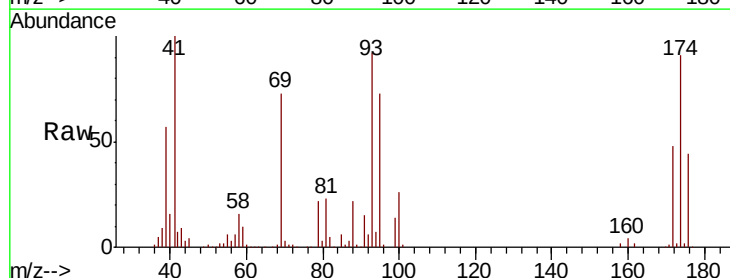
Instrument :
 MSVOA_N
 ClientSampled :

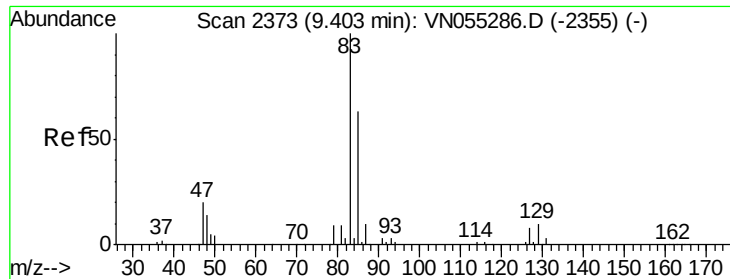
Tot Ion: 63 Resp: 257699
 Ion Ratio Lower Upper
 63 100
 65 29.4 23.9 35.9



#46
 Dibromomethane
 Concen: 49.336 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN055298.D
 Acq: 30 Apr 2019 10:51

Tgt Ion: 93 Resp: 143336
 Ion Ratio Lower Upper
 93 100
 95 80.5 65.7 98.5
 174 99.2 81.5 122.3





#47

Bromodichloromethane

Concen: 49.504 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055298.D

Acq: 30 Apr 2019 10:51

Instrument :

MSVOA_N

ClientSampleId :

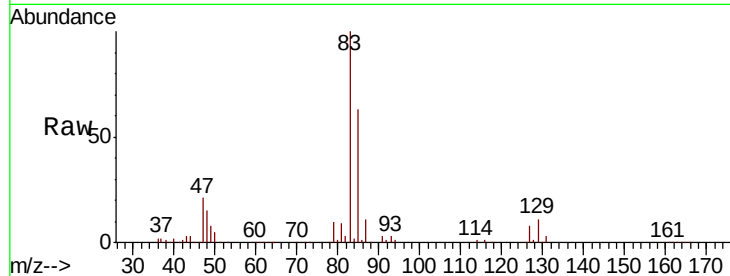
Tot Ion: 83 Resp: 308547

Ion Ratio Lower Upper

83 100

85 63.4 50.1 75.1

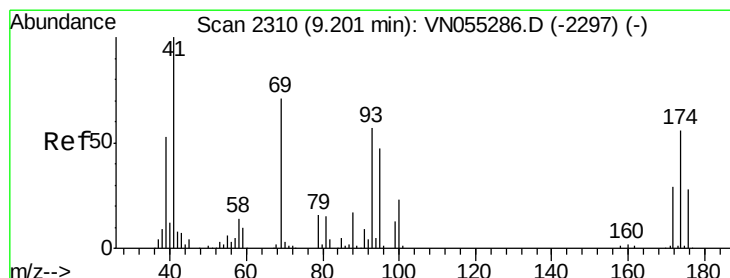
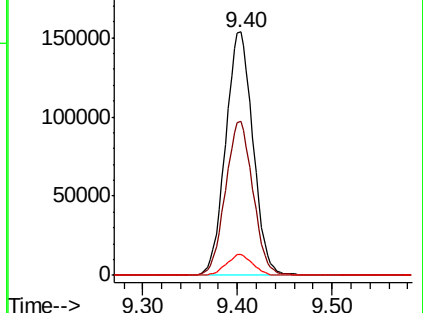
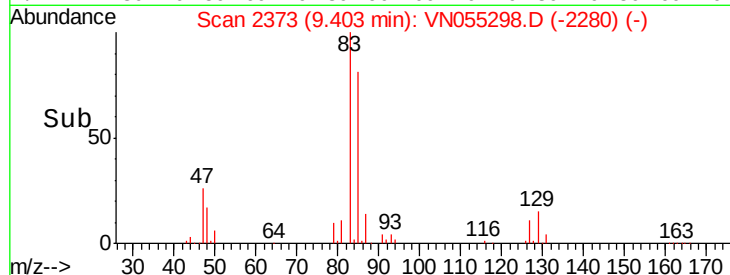
127 8.5 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN055298.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055298.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055298.D (-2280) (-)



#48

Methyl methacrylate

Concen: 47.485 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN055298.D

Acq: 30 Apr 2019 10:51

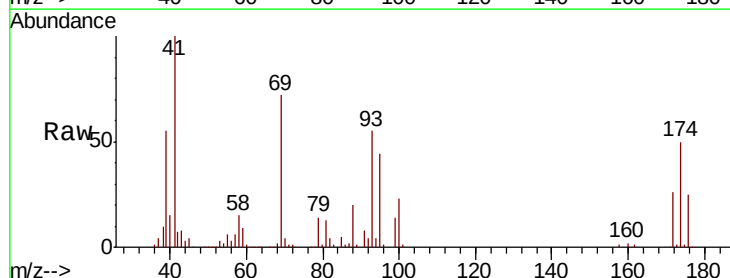
Tgt Ion: 41 Resp: 179741

Ion Ratio Lower Upper

41 100

69 77.4 58.6 87.8

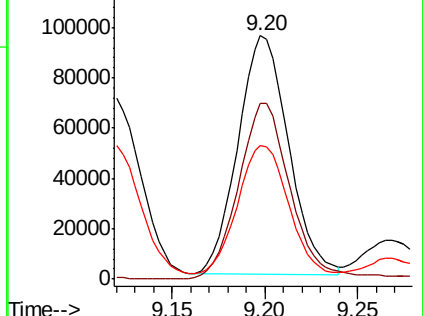
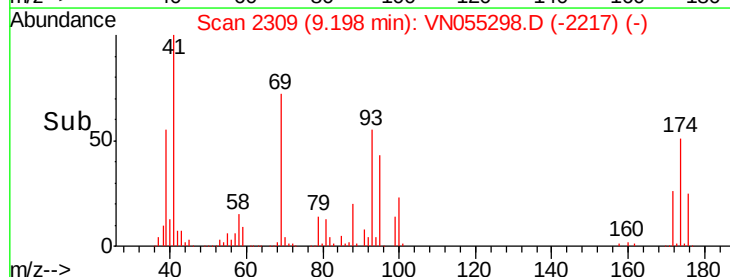
39 57.5 43.8 65.6

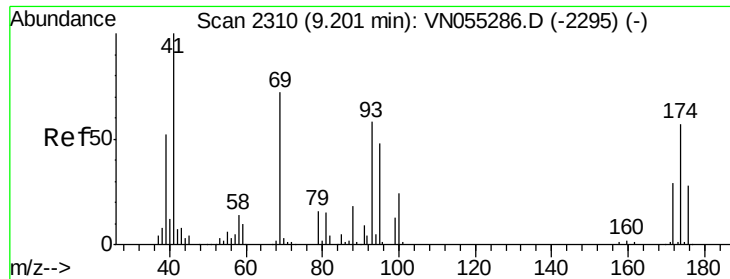


Abundance Ion 41.00 (40.70 to 41.70): VN055298.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055298.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055298.D (-2217) (-)





#49

1,4-Dioxane

Concen: 1052.855 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055298.D

Acq: 30 Apr 2019 10:51

Instrument :

MSVOA_N

ClientSampleId :

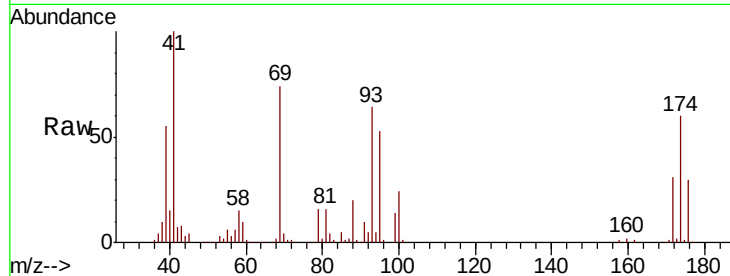
Tot Ion: 88 Resp: 41197

Ion Ratio Lower Upper

88 100

43 35.7 33.3 49.9

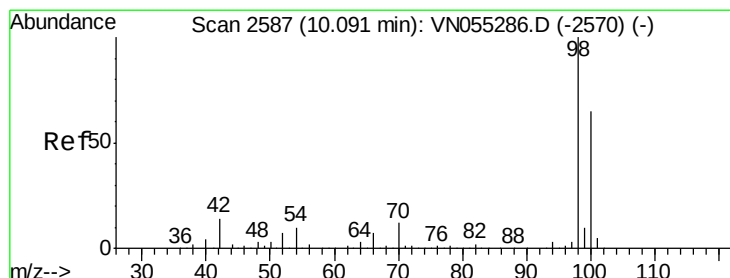
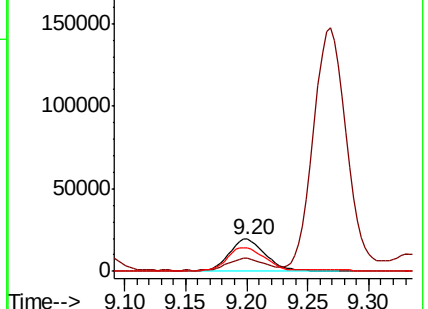
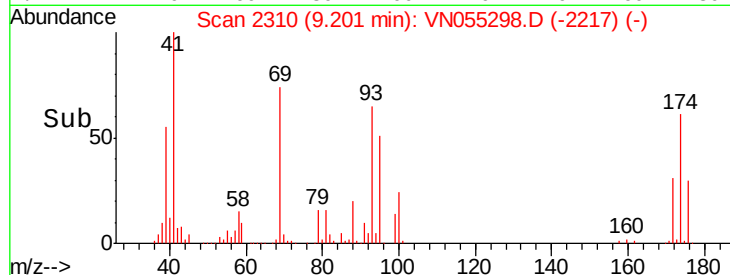
58 76.1 62.7 94.1



Abundance Ion 88.00 (87.70 to 88.70): VN055298.D (-2217) (-)

Ion 43.00 (42.70 to 43.70): VN055298.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN055298.D (-2217) (-)



#50

Toluene-d8

Concen: 50.101 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055298.D

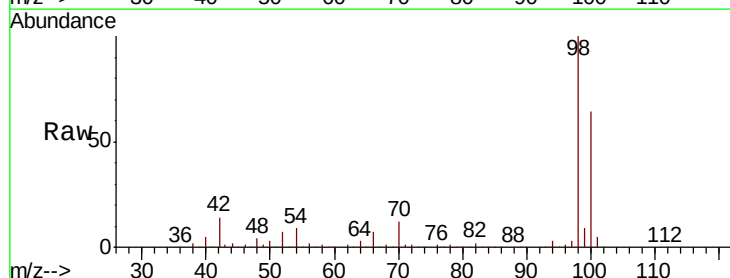
Acq: 30 Apr 2019 10:51

Tgt Ion: 98 Resp: 774974

Ion Ratio Lower Upper

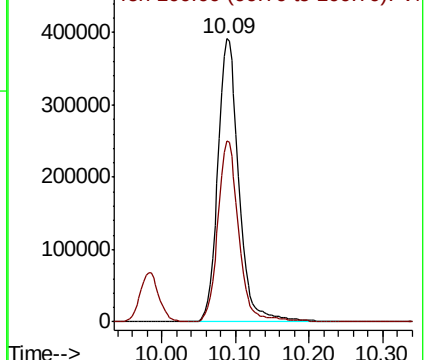
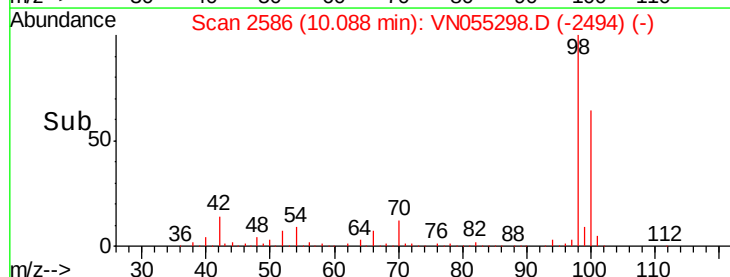
98 100

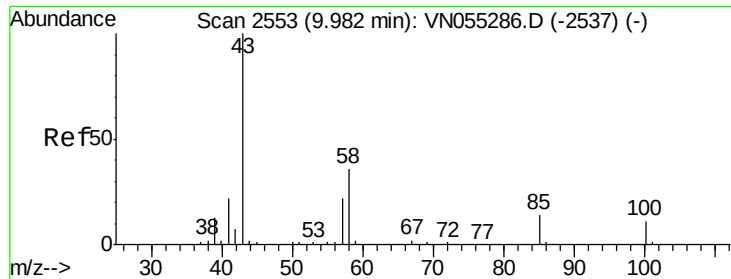
100 63.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN055298.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN055298.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 249.821 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN055298.D

Acq: 30 Apr 2019 10:51

Instrument :

MSVOA_N

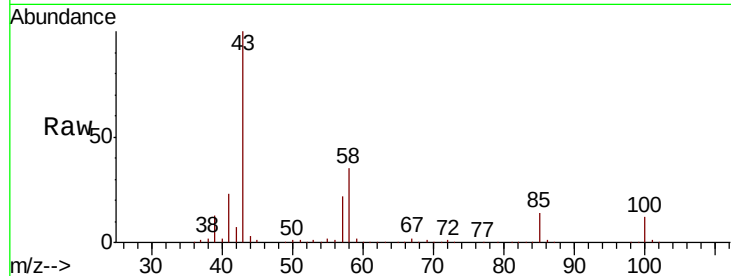
ClientSampled :

Tot Ion: 43 Resp: 1082988

Ion Ratio Lower Upper

43 100

58 34.9 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VN055298.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN055298.D (-2537) (-)

9.98

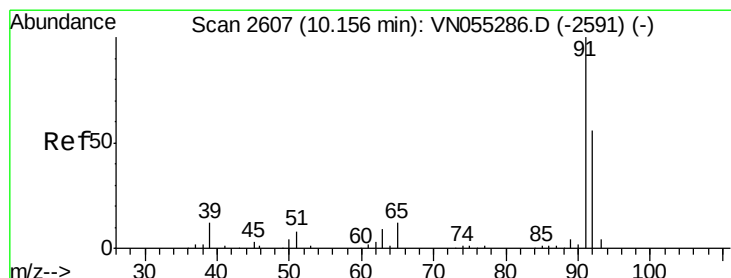
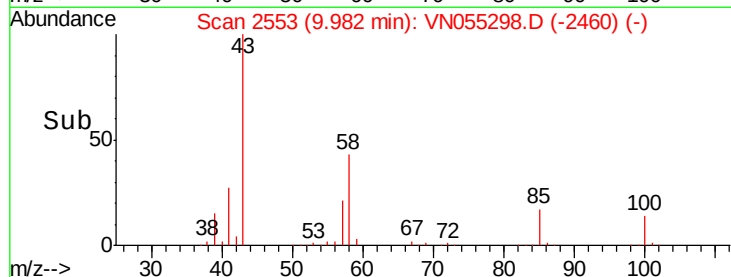
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 50.144 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN055298.D

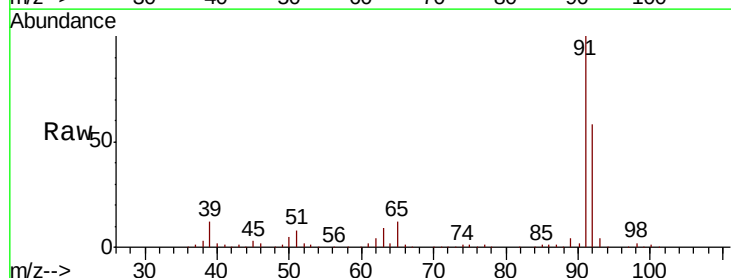
Acq: 30 Apr 2019 10:51

Tgt Ion: 92 Resp: 530221

Ion Ratio Lower Upper

92 100

91 174.2 140.1 210.1



Abundance Ion 92.00 (91.70 to 92.70): VN055298.D (-2514) (-)

Ion 91.00 (90.70 to 91.70): VN055298.D (-2514) (-)

10.15

500000

400000

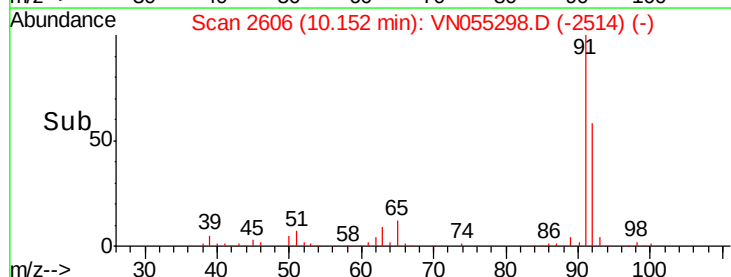
300000

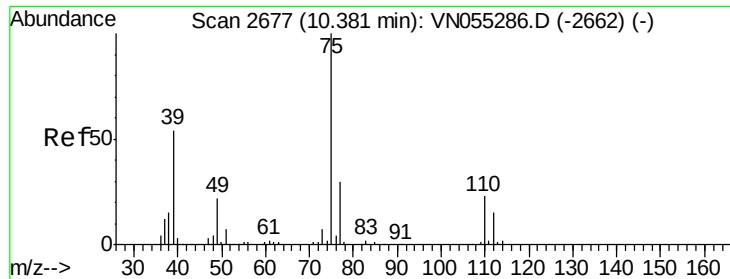
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 53.298 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055298.D

Acq: 30 Apr 2019 10:51

Instrument :

MSVOA_N

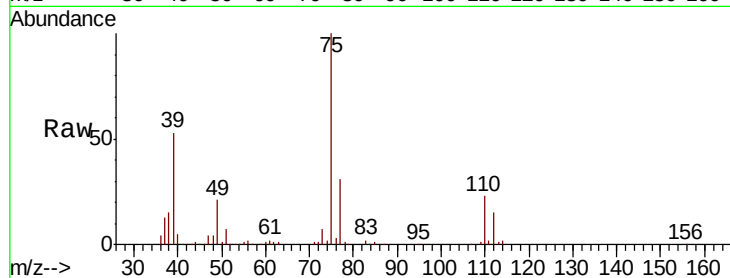
ClientSampled :

Tot Ion: 75 Resp: 288378

Ion Ratio Lower Upper

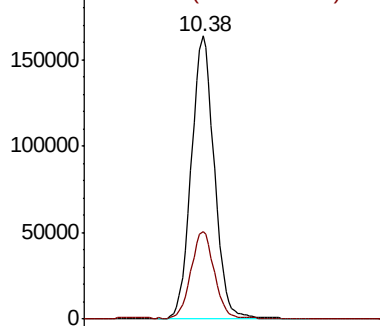
75 100

77 31.0 24.4 36.6

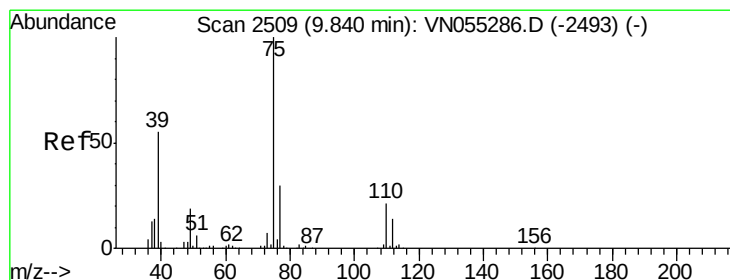
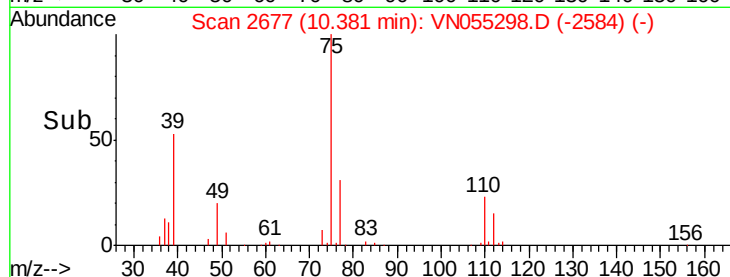


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.223 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN055298.D

Acq: 30 Apr 2019 10:51

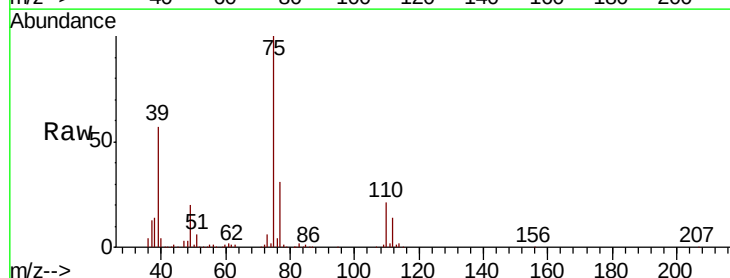
Tgt Ion: 75 Resp: 345555

Ion Ratio Lower Upper

75 100

77 31.4 24.2 36.2

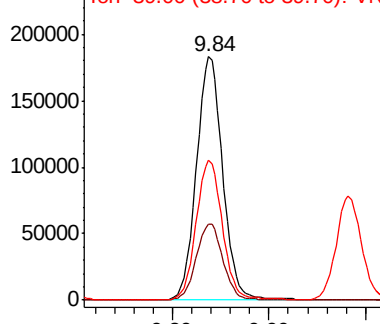
39 57.3 44.2 66.2



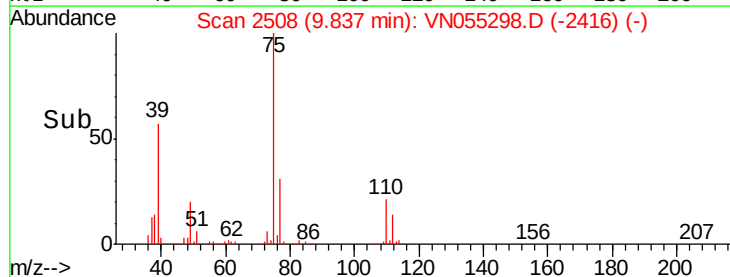
Abundance Ion 74.90 (74.60 to 75.60): VN0

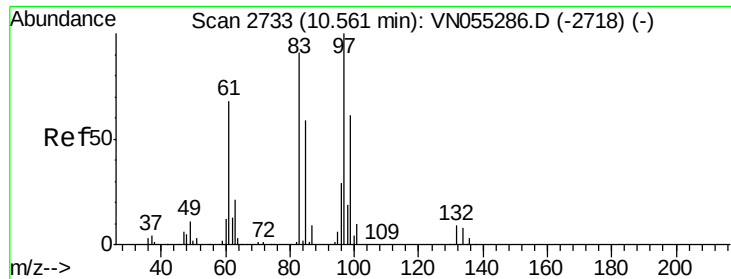
Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



Time-->





#55

1,1,2-Trichloroethane

Concen: 49.289 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN055298.D

Acq: 30 Apr 2019 10:51

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 193533

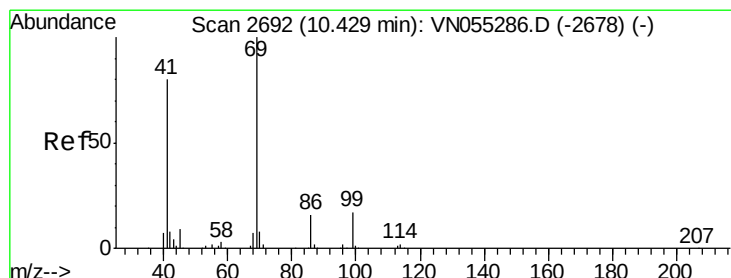
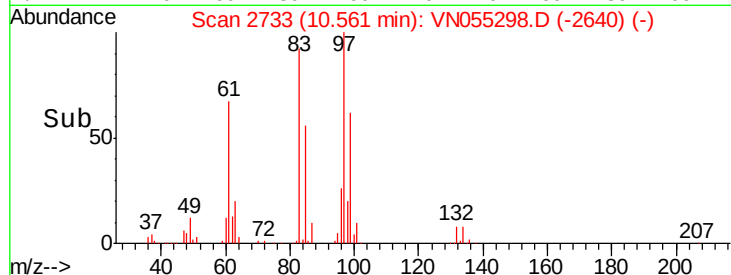
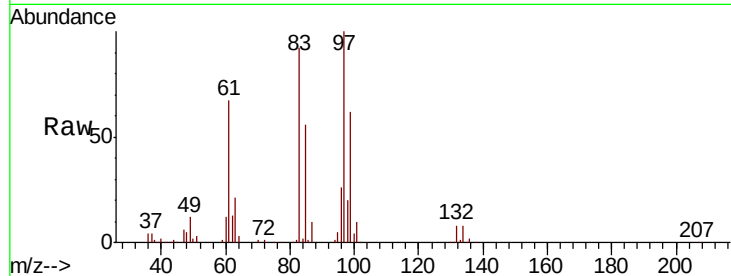
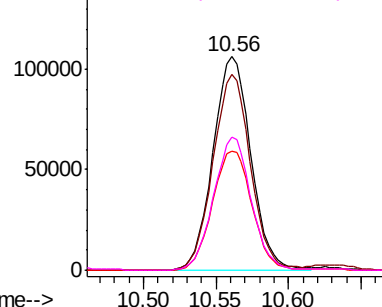
Ion	Ratio	Lower	Upper
97	100		
83	91.9	72.8	109.2
85	56.0	47.0	70.6
99	62.3	49.0	73.4

Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 50.862 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055298.D

Acq: 30 Apr 2019 10:51

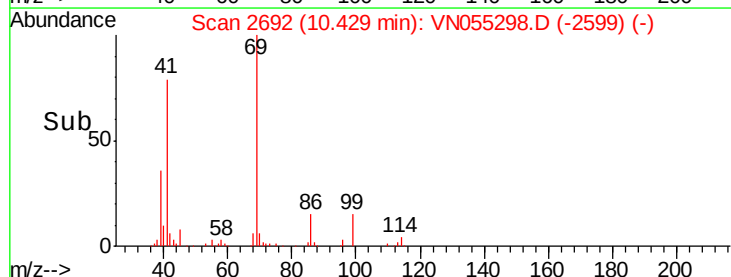
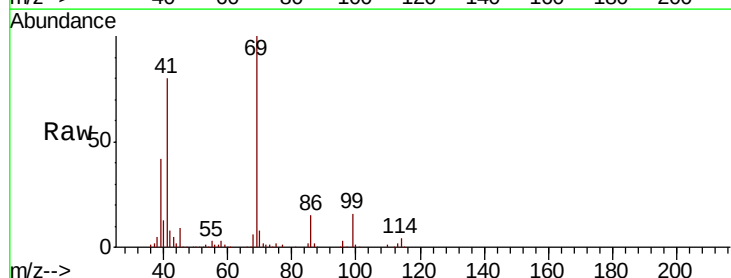
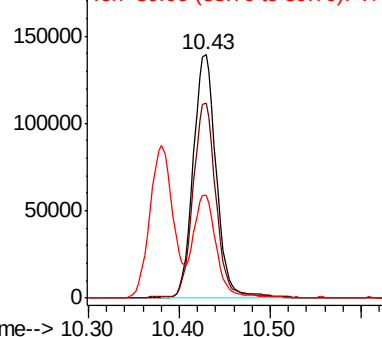
Tgt Ion: 69 Resp: 245814

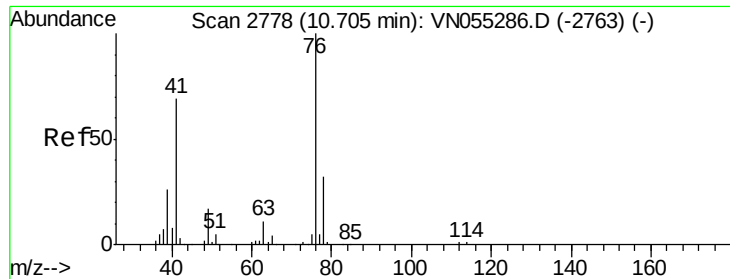
Ion	Ratio	Lower	Upper
69	100		
41	80.6	62.7	94.1
39	41.5	32.0	48.0

Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 49.439 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN055298.D

Acq: 30 Apr 2019 10:51

Instrument :

MSVOA_N

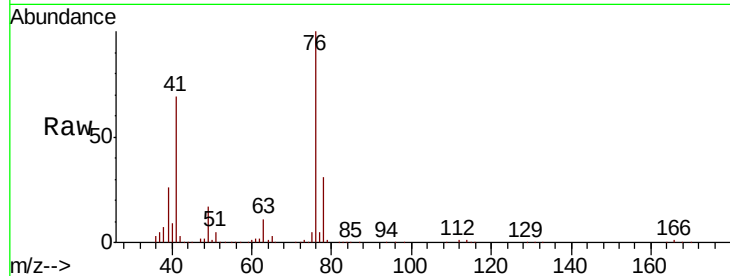
ClientSampleId :

Tot Ion: 76 Resp: 340542

Ion Ratio Lower Upper

76 100

78 31.5 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VN055286.D (-2763) (-)

Ion 77.90 (77.60 to 78.60): VN055286.D (-2763) (-)

10.71

200000

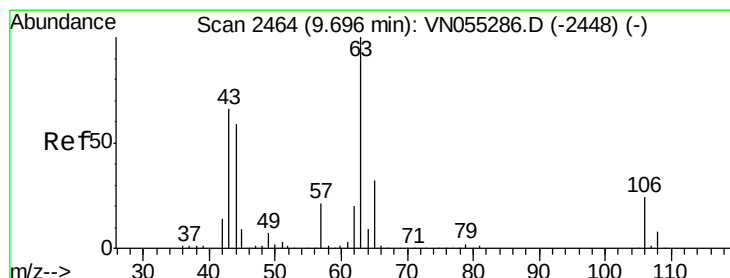
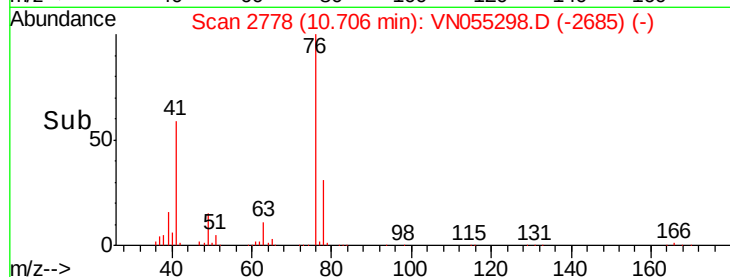
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 262.508 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN055298.D

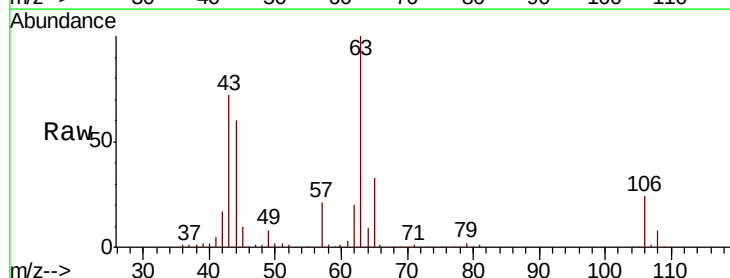
Acq: 30 Apr 2019 10:51

Tgt Ion: 63 Resp: 394713

Ion Ratio Lower Upper

63 100

106 24.2 19.0 28.4



Abundance Ion 62.90 (62.60 to 63.60): VN055286.D (-2448) (-)

Ion 105.90 (105.60 to 106.60): VN055286.D (-2448) (-)

9.69

250000

200000

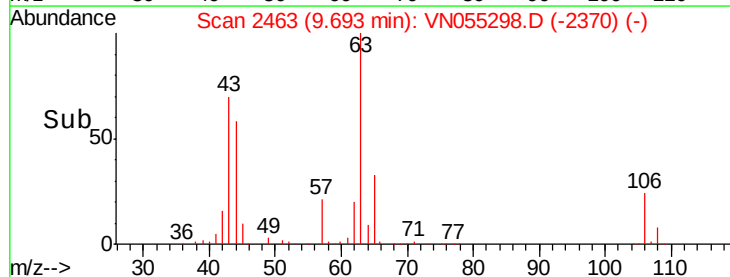
150000

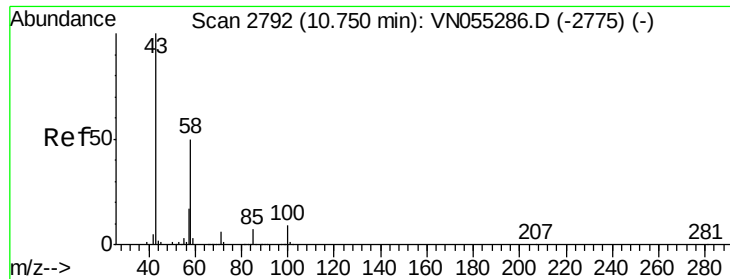
100000

50000

0

Time-->

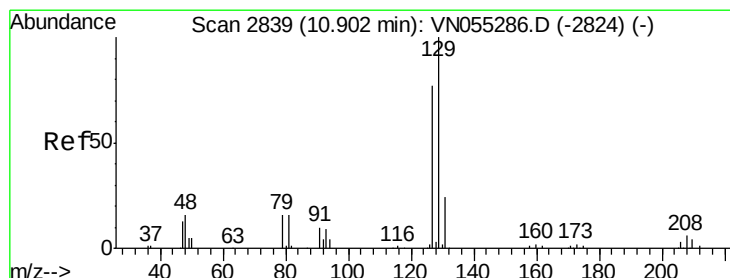
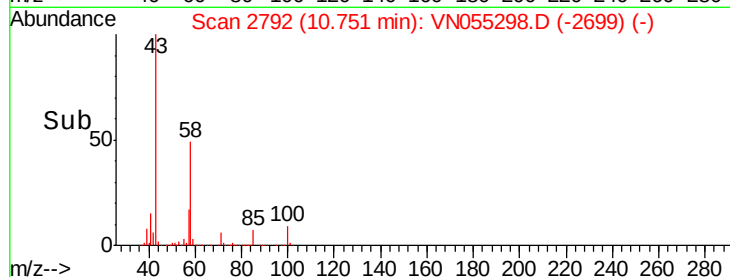
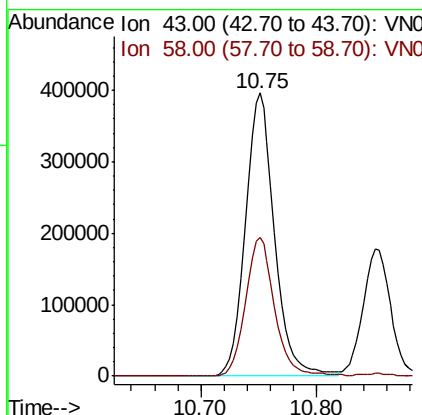
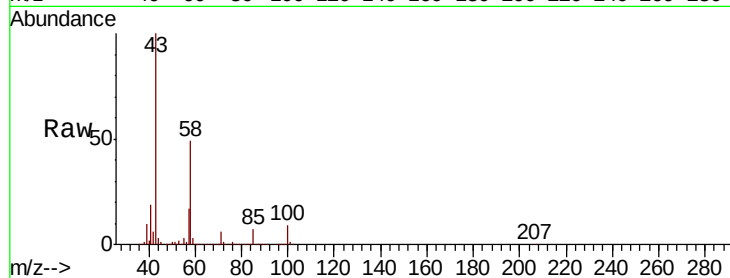




#59
2-Hexanone
Concen: 254.069 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055298.D
Acq: 30 Apr 2019 10:51

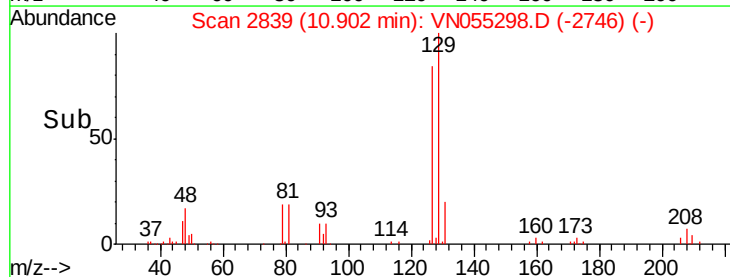
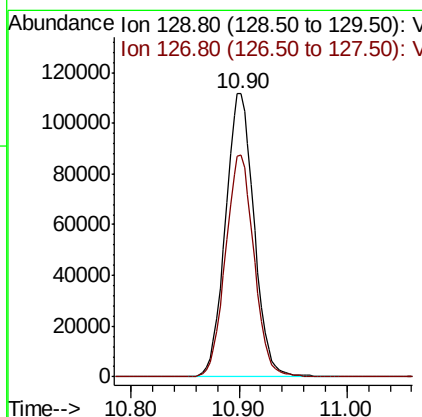
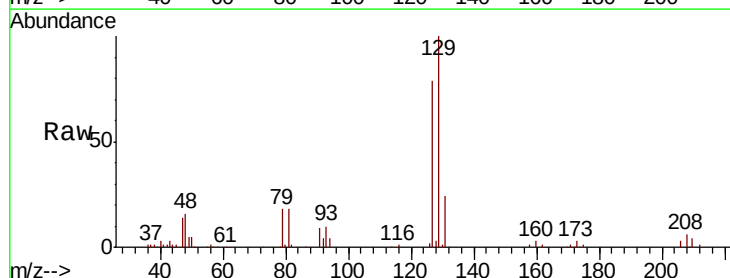
Instrument :
MSVOA_N
ClientSampled :

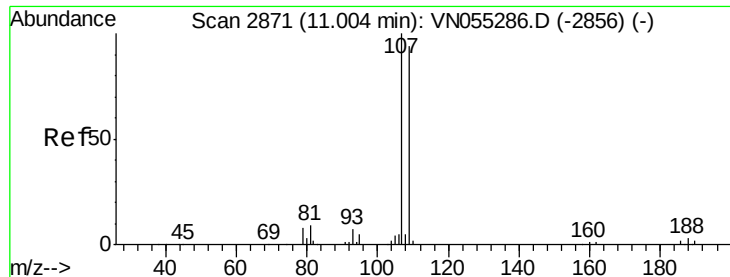
Tot Ion: 43 Resp: 689133
Ion Ratio Lower Upper
43 100
58 49.0 24.9 74.6



#60
Dibromochloromethane
Concen: 51.385 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055298.D
Acq: 30 Apr 2019 10:51

Tgt Ion: 129 Resp: 206211
Ion Ratio Lower Upper
129 100
127 78.0 38.1 114.5

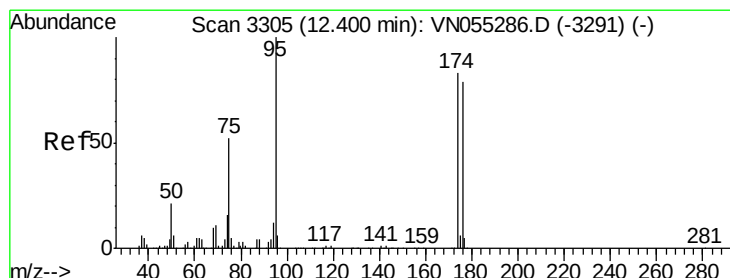
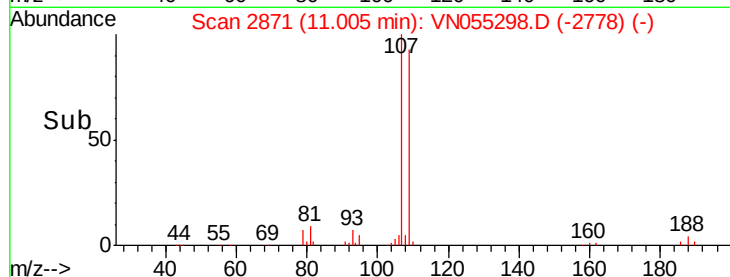
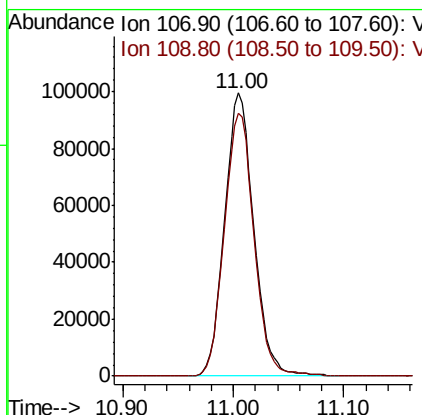
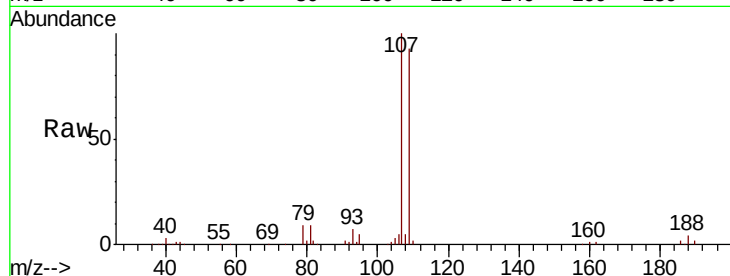




#61
 1,2-Dibromoethane
 Concen: 50.251 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN055298.D
 Acq: 30 Apr 2019 10:51

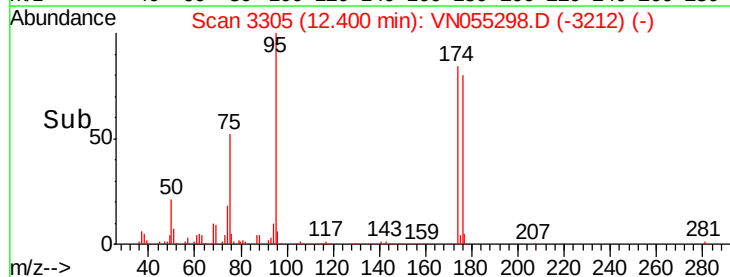
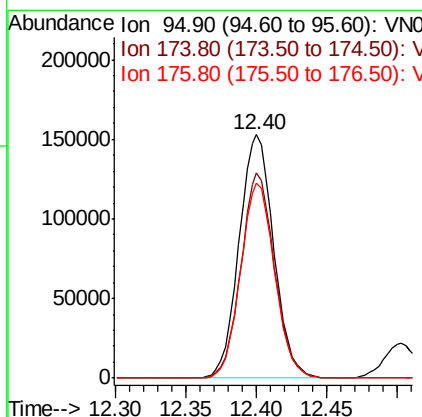
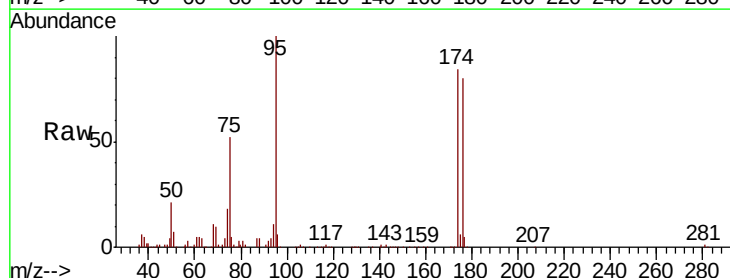
Instrument :
 MSVOA_N
 ClientSampled :

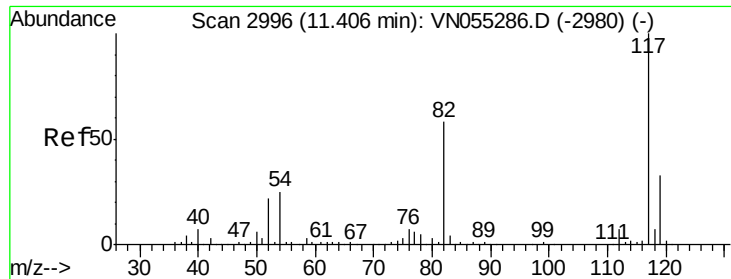
Tot Ion: 107 Resp: 182374
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 54.272 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055298.D
 Acq: 30 Apr 2019 10:51

Tgt Ion: 95 Resp: 262373
 Ion Ratio Lower Upper
 95 100
 174 81.9 0.0 166.6
 176 79.2 0.0 157.8

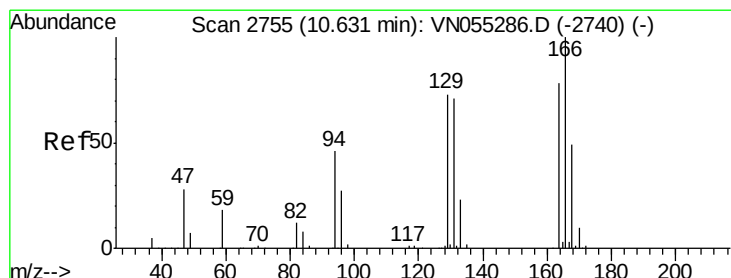
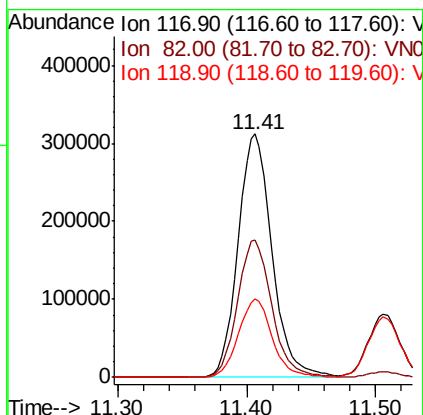
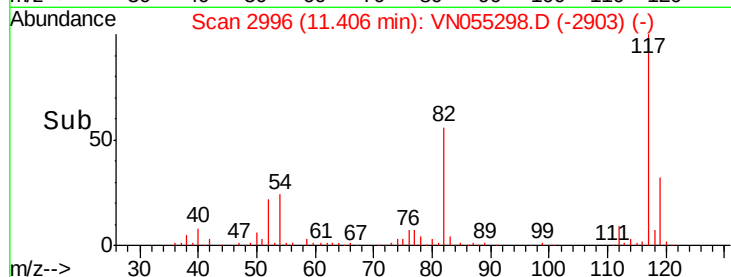
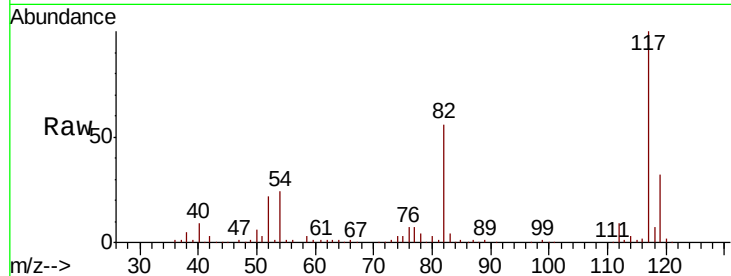




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055298.D
Acq: 30 Apr 2019 10:51

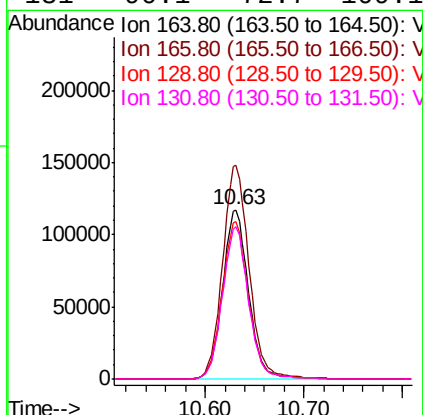
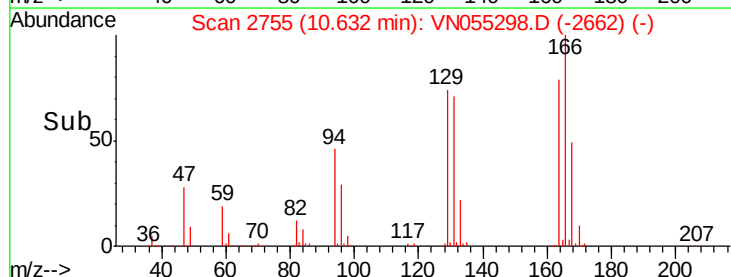
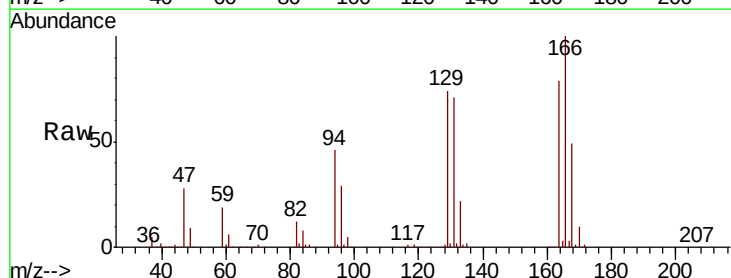
Instrument :
MSVOA_N
ClientSampleId :

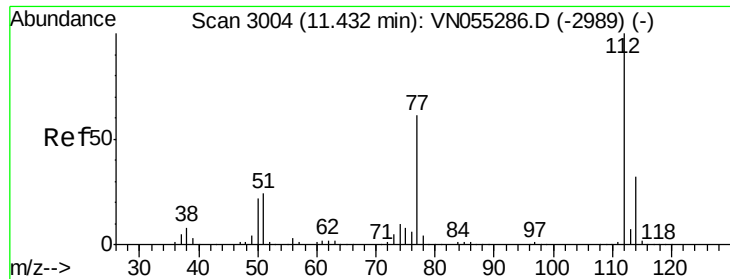
Tot Ion:117 Resp: 571933
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 32.4 26.6 40.0



#64
Tetrachloroethene
Concen: 46.234 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055298.D
Acq: 30 Apr 2019 10:51

Tgt Ion:164 Resp: 216243
Ion Ratio Lower Upper
164 100
166 126.1 102.3 153.5
129 92.8 75.0 112.6
131 90.1 72.7 109.1

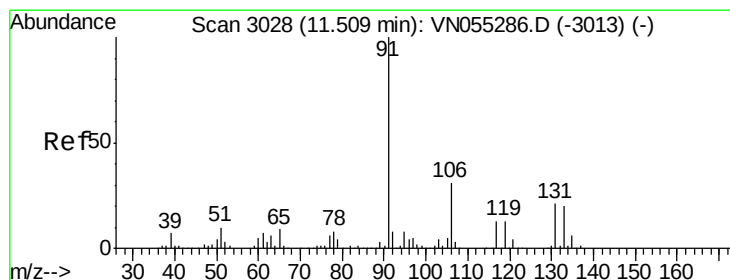
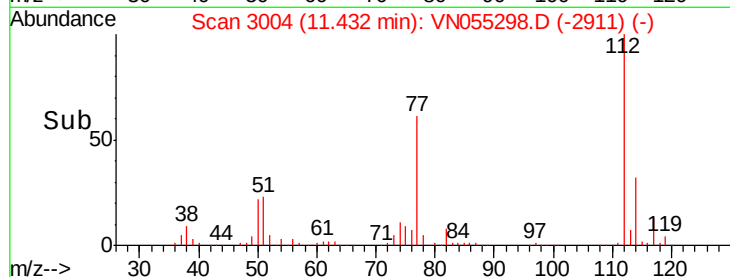
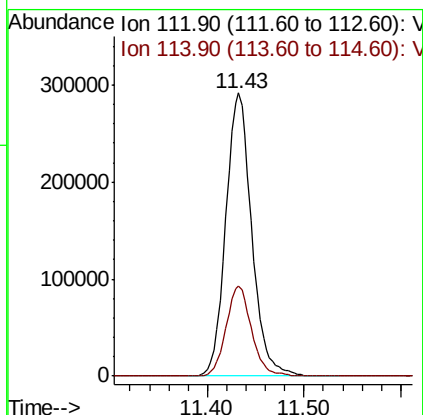
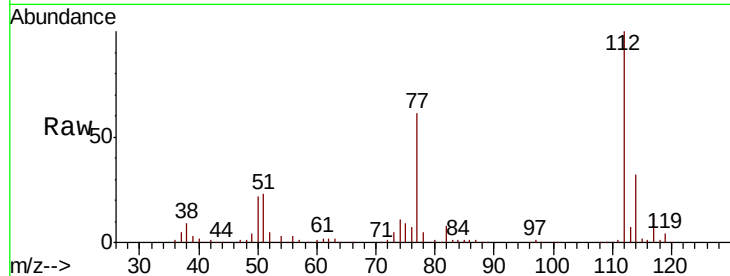




#65
Chlorobenzene
Concen: 48.415 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055298.D
Acq: 30 Apr 2019 10:51

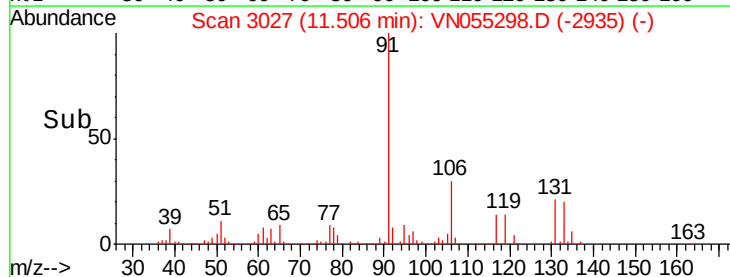
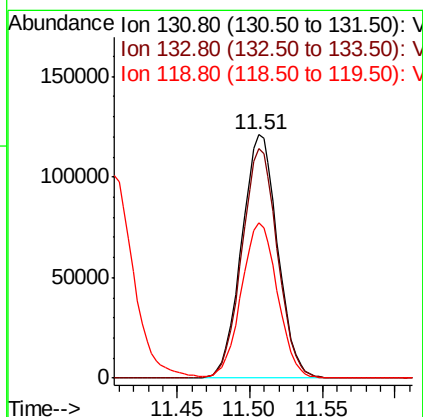
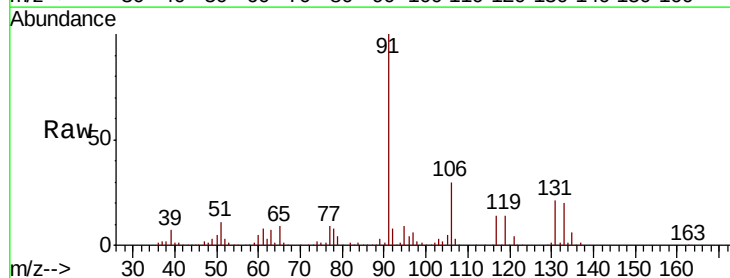
Instrument :
MSVOA_N
ClientSampled :

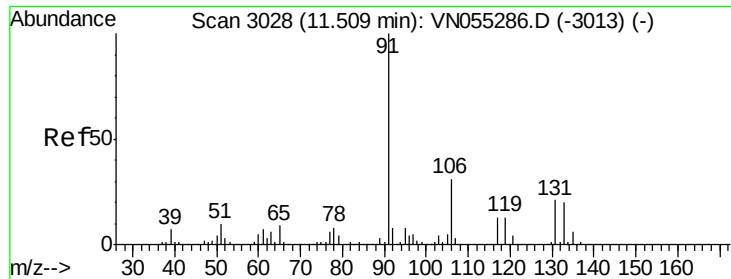
Tot Ion:112 Resp: 541377
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 47.706 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055298.D
Acq: 30 Apr 2019 10:51

Tgt Ion:131 Resp: 208883
Ion Ratio Lower Upper
131 100
133 93.6 47.5 142.6
119 64.2 32.7 98.1

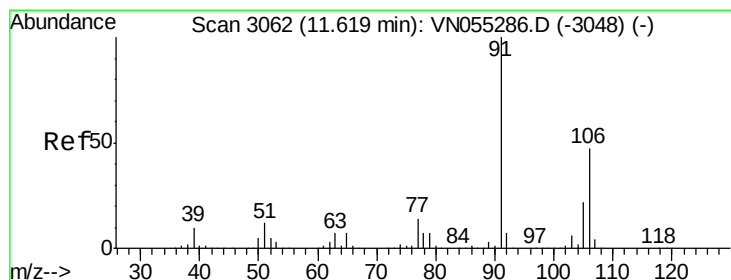
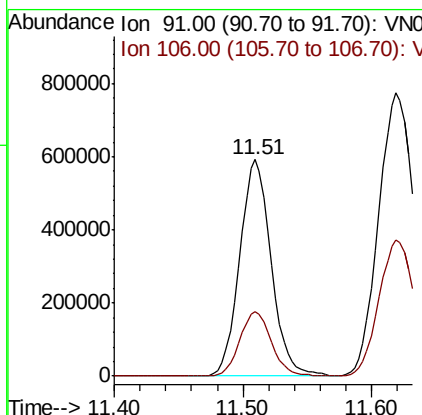
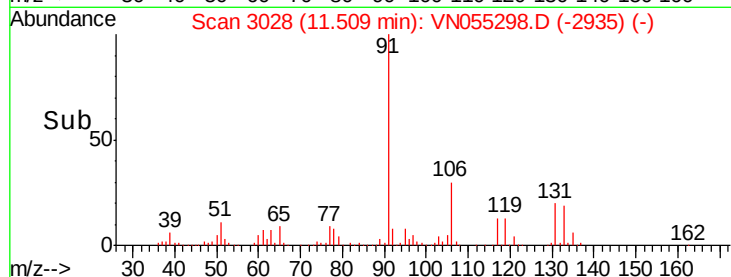
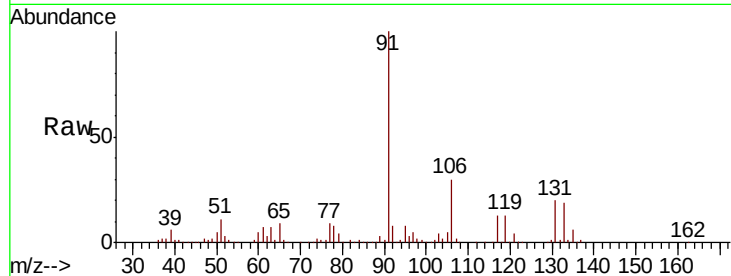




#67
Ethyl Benzene
Concen: 49.837 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055298.D
Acq: 30 Apr 2019 10:51

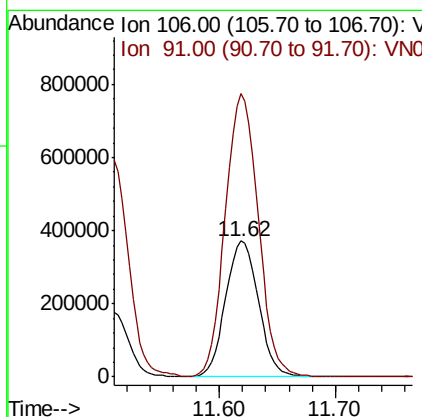
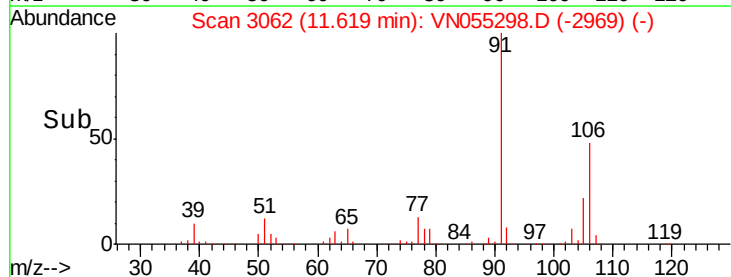
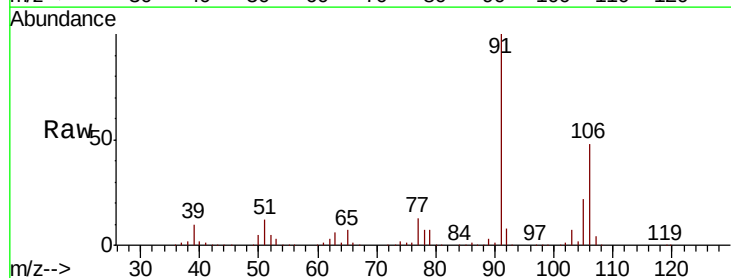
Instrument :
MSVOA_N
ClientSampled :

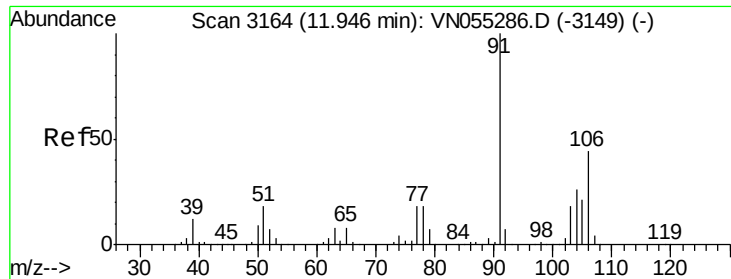
Tot Ion: 91 Resp: 1006343
Ion Ratio Lower Upper
91 100
106 30.1 24.6 36.8



#68
m/p-Xylenes
Concen: 101.086 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055298.D
Acq: 30 Apr 2019 10:51

Tgt Ion: 106 Resp: 728584
Ion Ratio Lower Upper
106 100
91 209.5 169.5 254.3

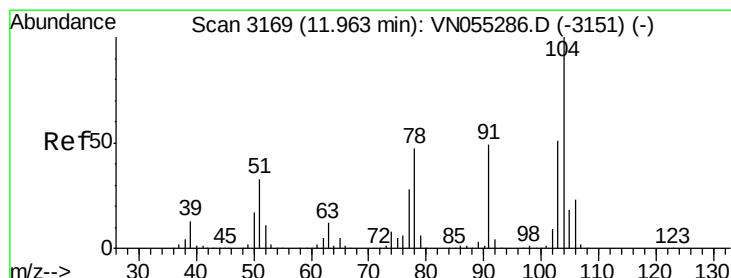
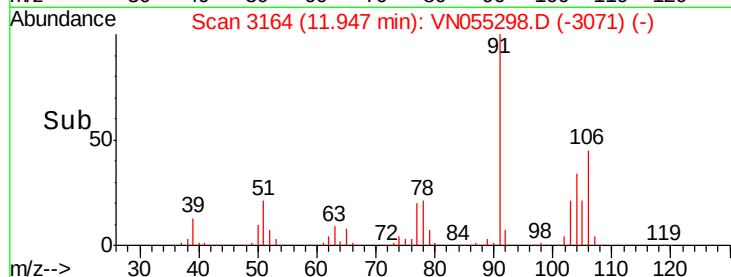
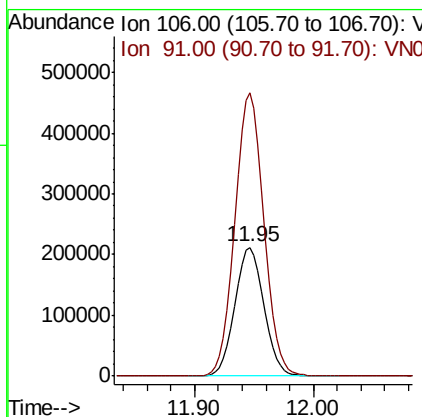
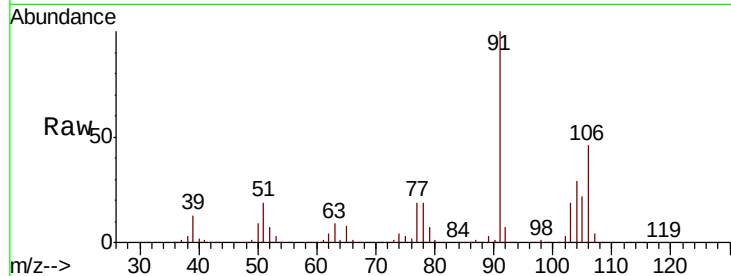




#69
o-Xylene
Concen: 50.190 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055298.D
Acq: 30 Apr 2019 10:51

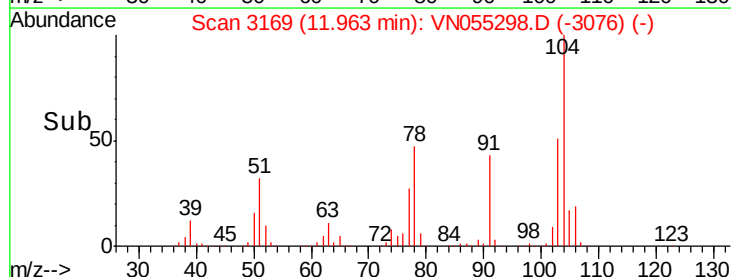
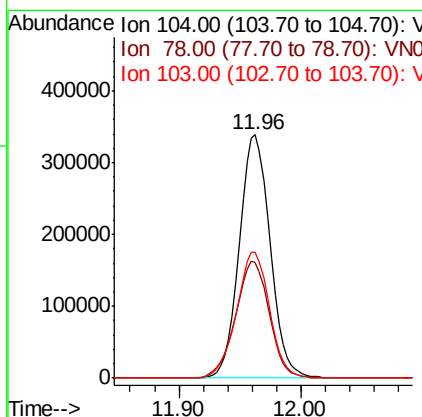
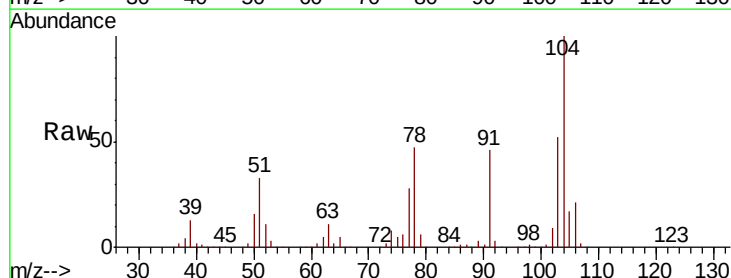
Instrument :
MSVOA_N
ClientSampled :

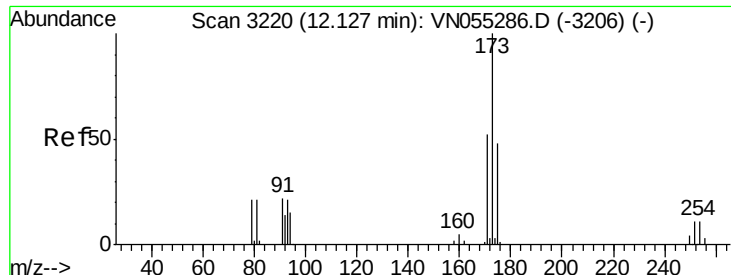
Tot Ion:106 Resp: 358552
Ion Ratio Lower Upper
106 100
91 219.1 111.5 334.5



#70
Styrene
Concen: 53.752 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055298.D
Acq: 30 Apr 2019 10:51

Tgt Ion:104 Resp: 589600
Ion Ratio Lower Upper
104 100
78 52.6 42.2 63.2
103 55.7 44.6 67.0

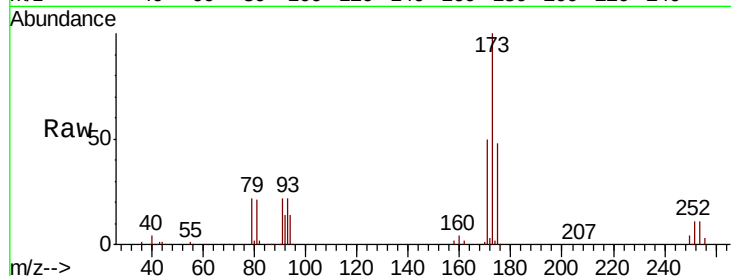




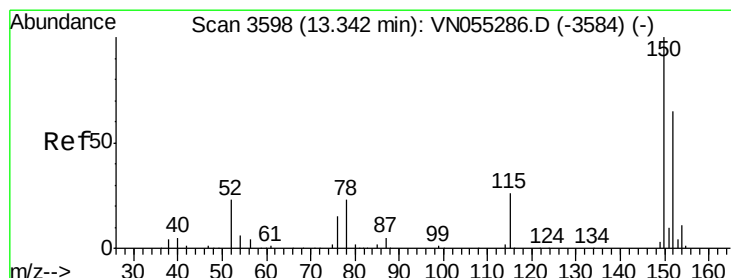
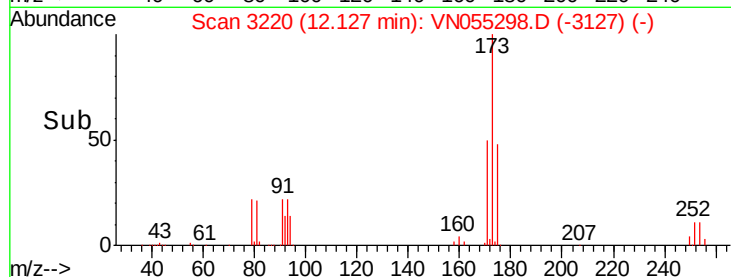
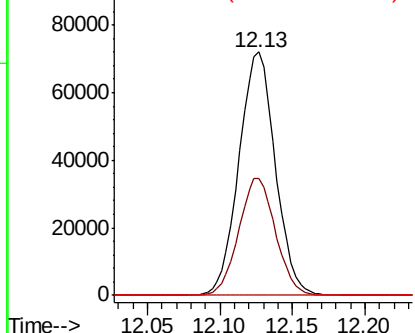
#71
Bromoform
Concen: 51.770 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN055298.D
Acq: 30 Apr 2019 10:51

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 125781
Ion Ratio Lower Upper
173 100
175 48.6 23.6 71.0
254 0.0 0.0 0.0

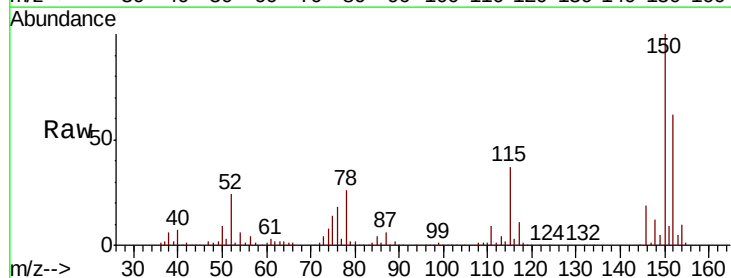


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

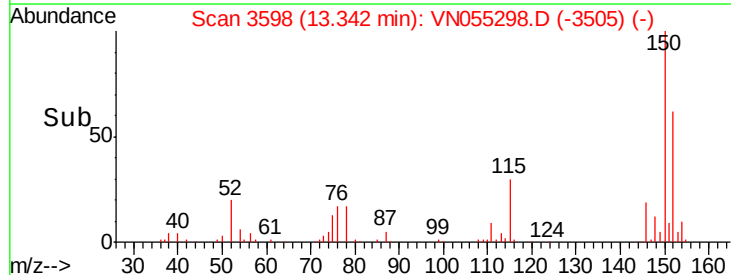
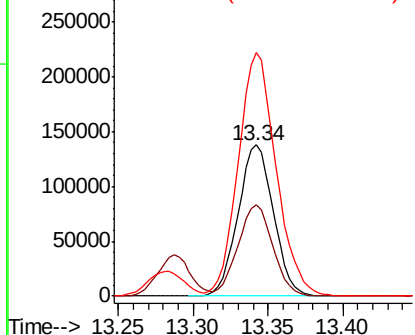


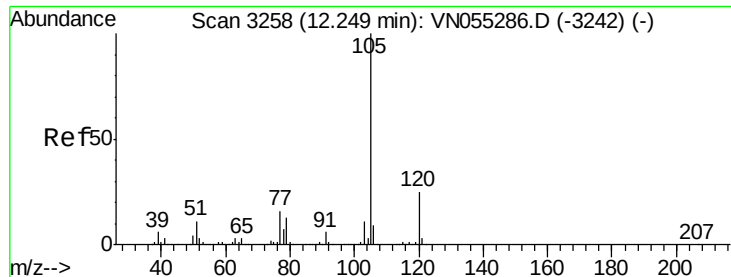
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055298.D
Acq: 30 Apr 2019 10:51

Tgt Ion:152 Resp: 226650
Ion Ratio Lower Upper
152 100
115 59.5 29.0 87.0
150 172.7 0.0 345.6



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: 52.877 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055298.D

Acq: 30 Apr 2019 10:51

Instrument :

MSVOA_N

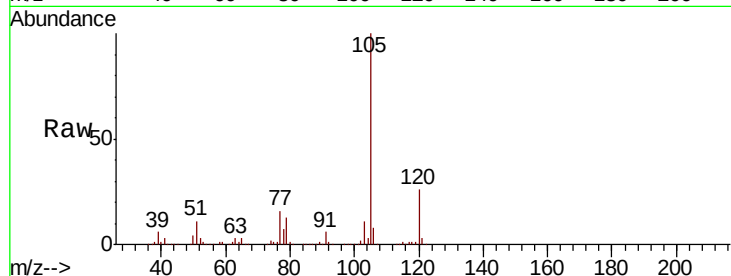
ClientSampled :

Tot Ion:105 Resp: 950321

Ion Ratio Lower Upper

105 100

120 26.4 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

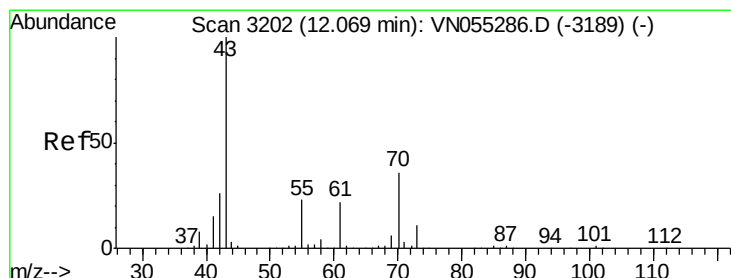
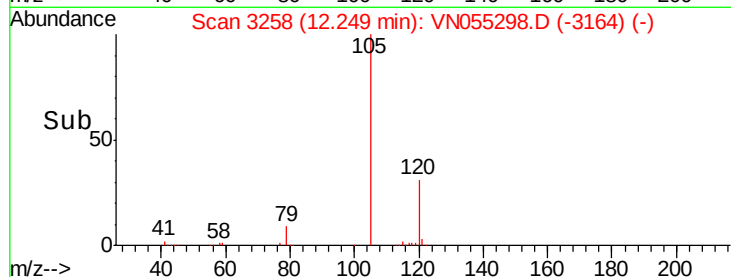
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 47.492 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055298.D

Acq: 30 Apr 2019 10:51

Tgt Ion: 43 Resp: 276247

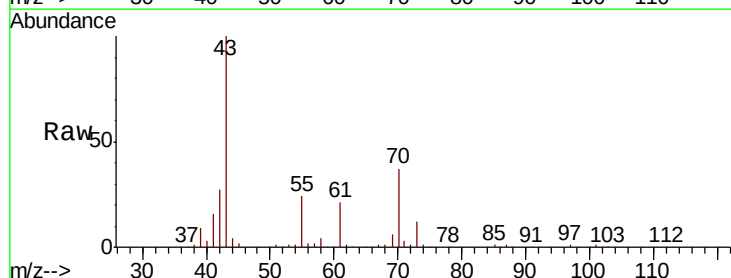
Ion Ratio Lower Upper

43 100

70 36.8 27.9 41.9

55 23.8 18.2 27.2

61 21.6 16.9 25.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

12.07

250000

200000

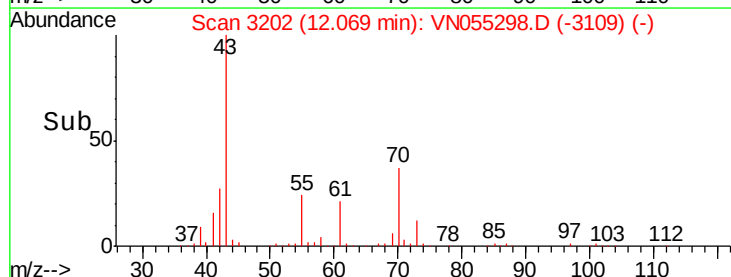
150000

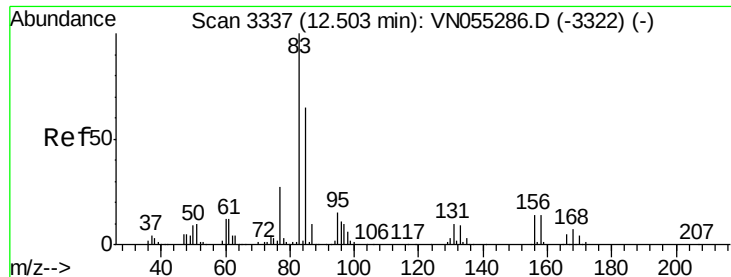
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.204 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055298.D

Acq: 30 Apr 2019 10:51

Instrument :

MSVOA_N

ClientSampleId :

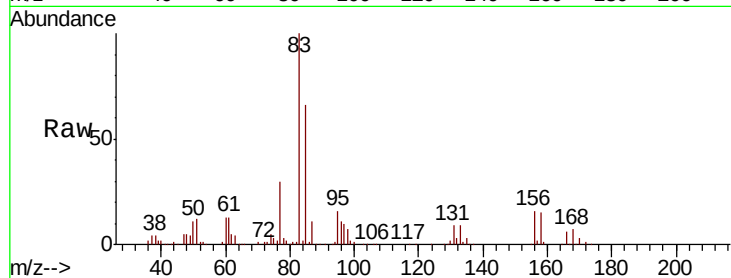
Tot Ion: 83 Resp: 229600

Ion Ratio Lower Upper

83 100

131 9.7 5.1 15.2

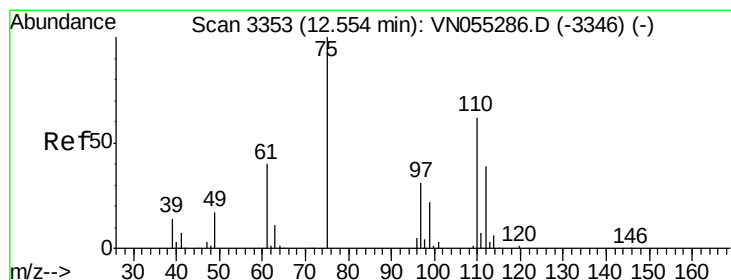
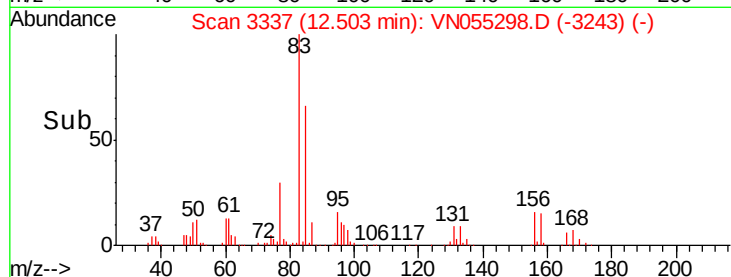
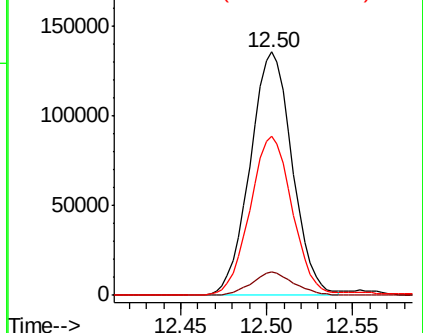
85 66.8 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN055298.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN055298.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN055298.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 65.938 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN055298.D

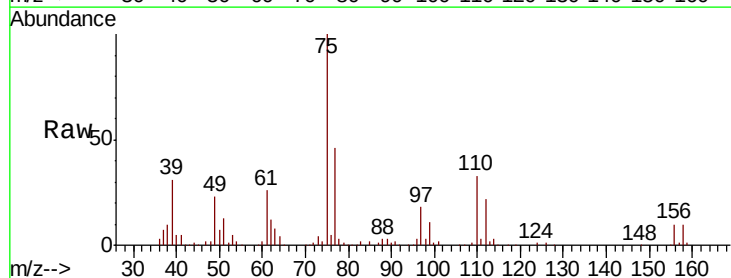
Acq: 30 Apr 2019 10:51

Tgt Ion: 75 Resp: 274408

Ion Ratio Lower Upper

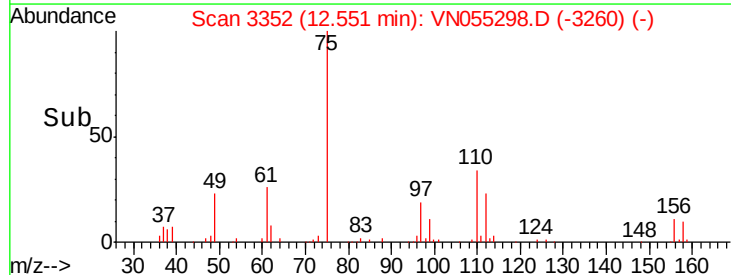
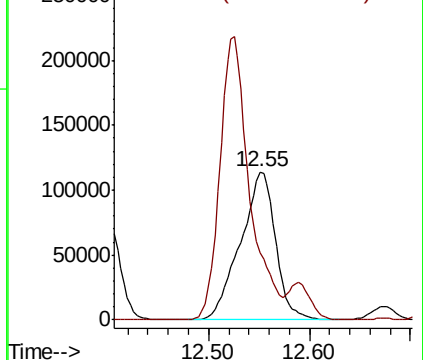
75 100

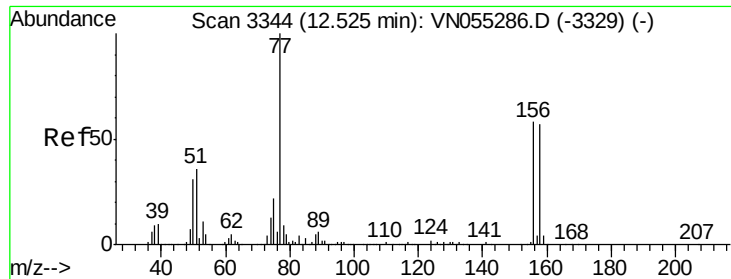
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055298.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN055298.D (-3260) (-)





#77

Bromobenzene

Concen: 52.656 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN055298.D

Acq: 30 Apr 2019 10:51

Instrument :

MSVOA_N

ClientSampled :

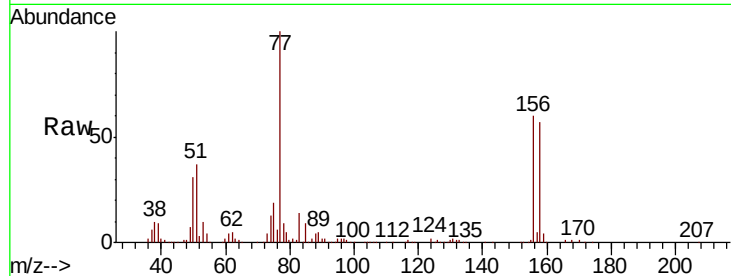
Tot Ion:156 Resp: 227157

Ion Ratio Lower Upper

156 100

77 197.6 99.6 298.8

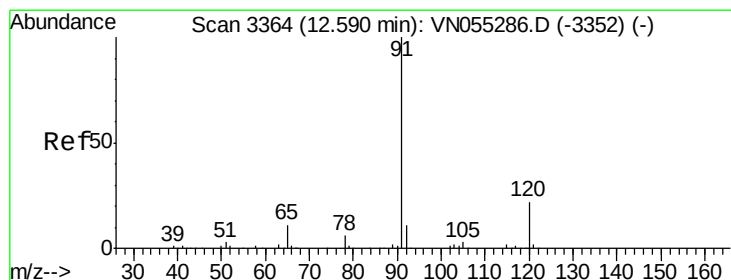
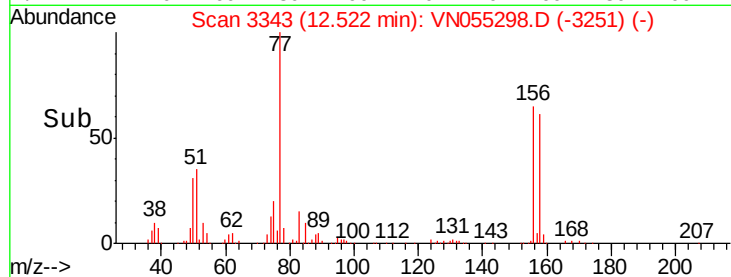
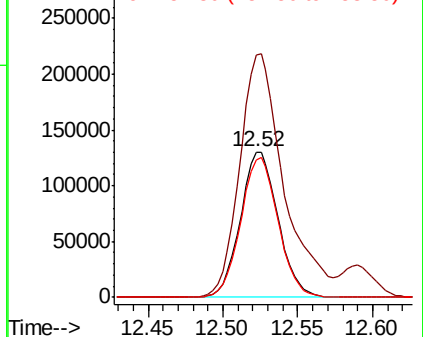
158 96.1 49.3 147.8



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: 45.904 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055298.D

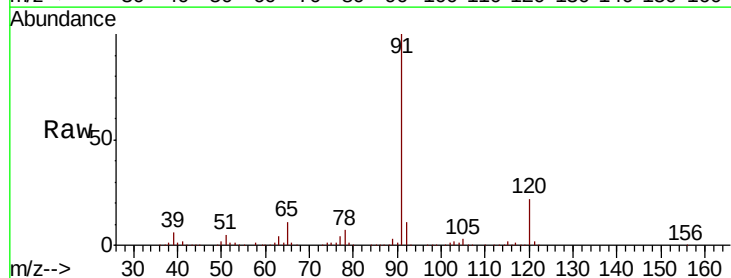
Acq: 30 Apr 2019 10:51

Tgt Ion: 91 Resp: 1068711

Ion Ratio Lower Upper

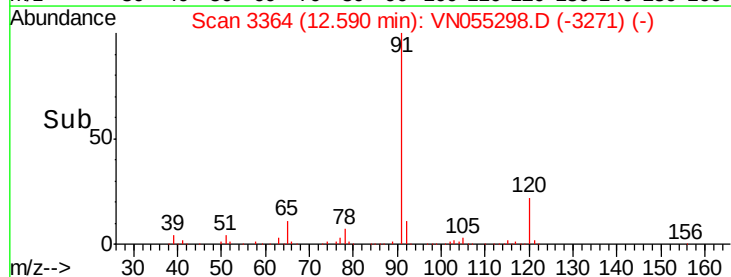
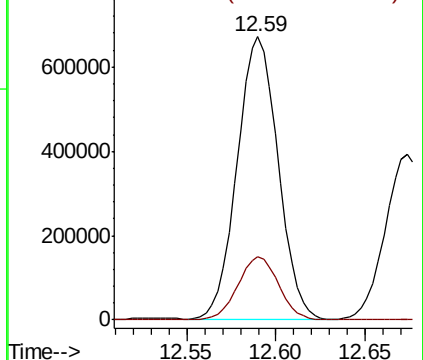
91 100

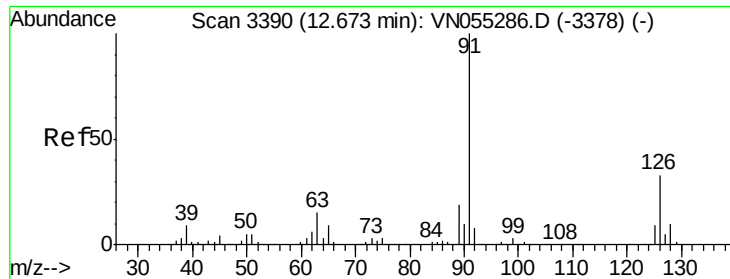
120 22.3 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

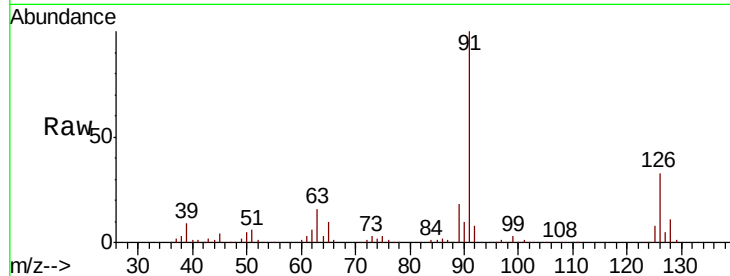




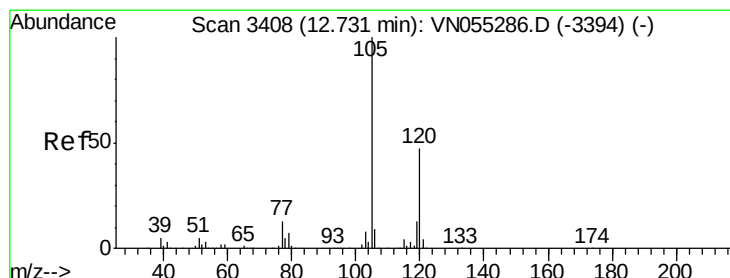
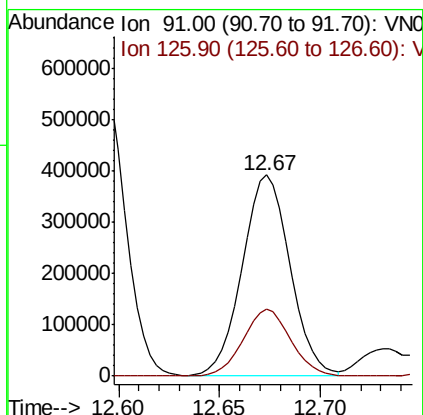
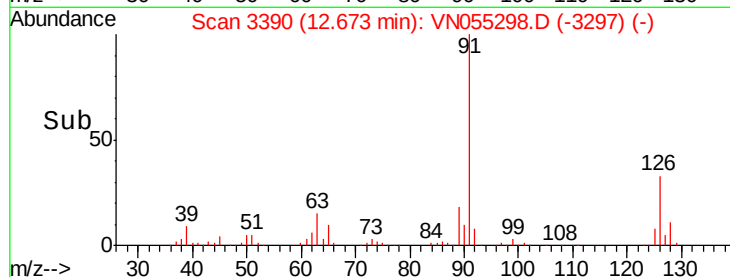
#79
 2-Chlorotoluene
 Concen: 53.050 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN055298.D
 Acq: 30 Apr 2019 10:51

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 91 Resp: 649645
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.6 49.7

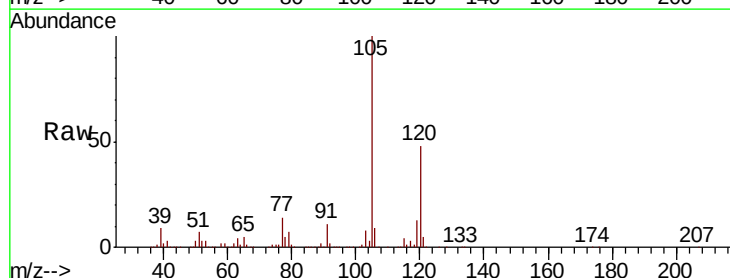


Abundance Ion 91.00 (90.70 to 91.70): VN055298.D (-3378) (-)
 Ion 125.90 (125.60 to 126.60): VN055298.D (-3378) (-)

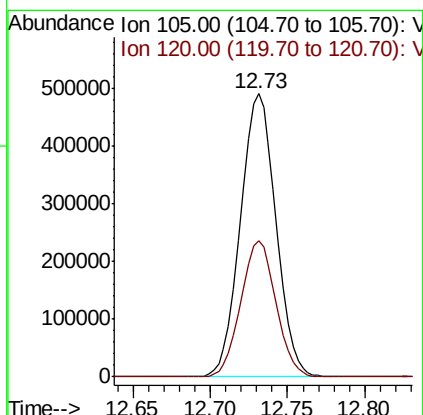
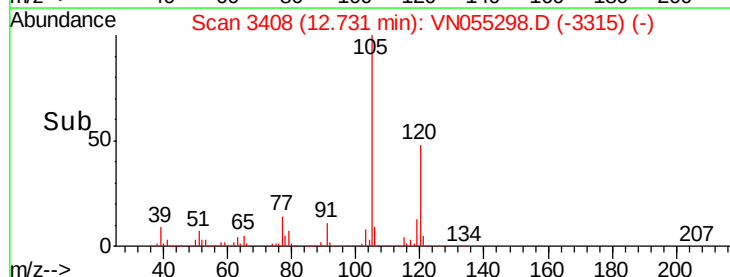


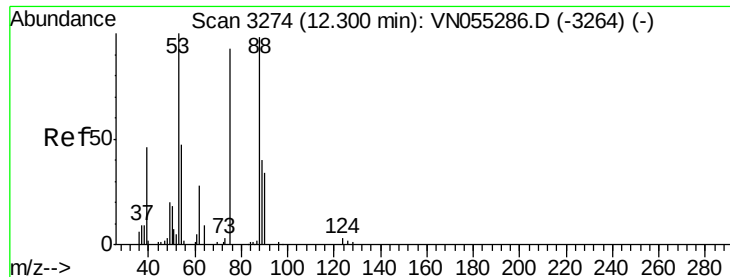
#80
 1,3,5-Trimethylbenzene
 Concen: 43.894 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055298.D
 Acq: 30 Apr 2019 10:51

Tgt Ion: 105 Resp: 779937
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN055298.D (-3394) (-)
 Ion 120.00 (119.70 to 120.70): VN055298.D (-3394) (-)

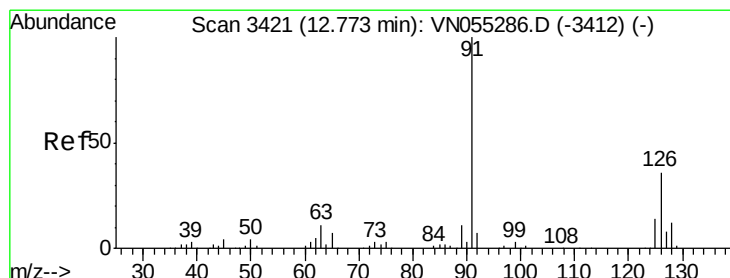
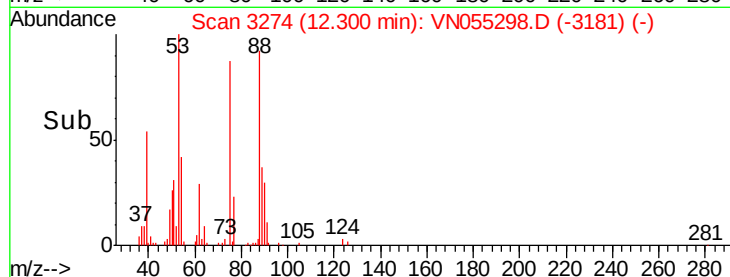
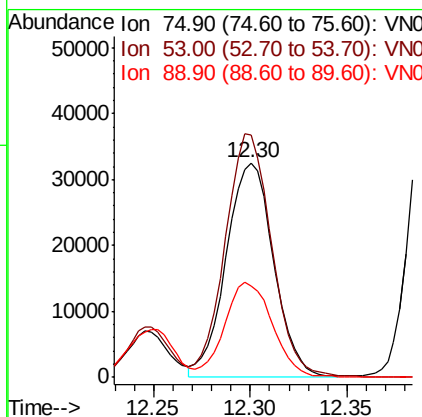
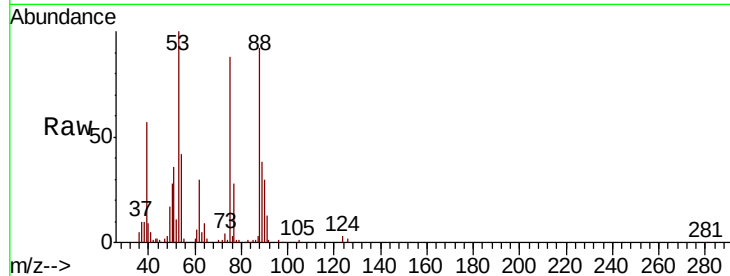




#81
trans-1,4-Dichloro-2-butene
Concen: 46.606 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN055298.D
Acq: 30 Apr 2019 10:51

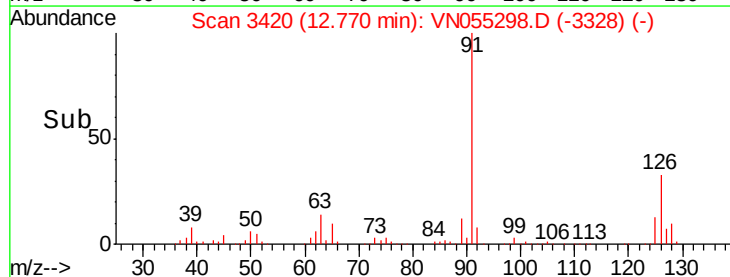
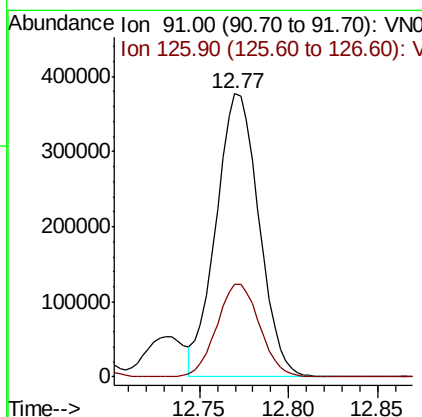
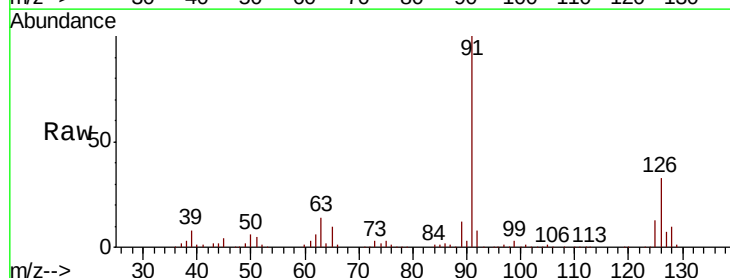
Instrument :
MSVOA_N
ClientSampleId :

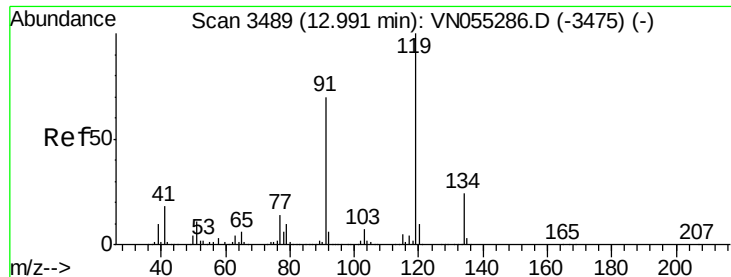
Tot Ion: 75 Resp: 55741
Ion Ratio Lower Upper
75 100
53 111.5 86.3 129.5
89 44.5 34.6 51.8



#82
4-Chlorotoluene
Concen: 46.227 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. -0.00 min
Lab File: VN055298.D
Acq: 30 Apr 2019 10:51

Tgt Ion: 91 Resp: 625762
Ion Ratio Lower Upper
91 100
126 32.9 16.6 49.7

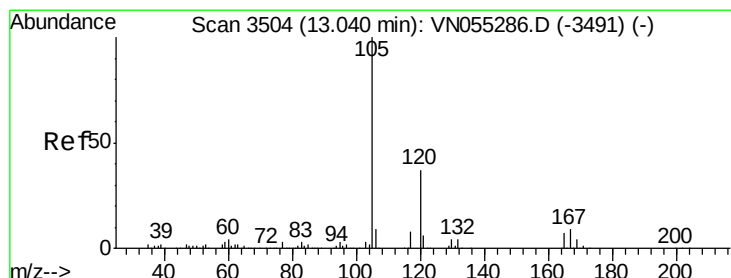
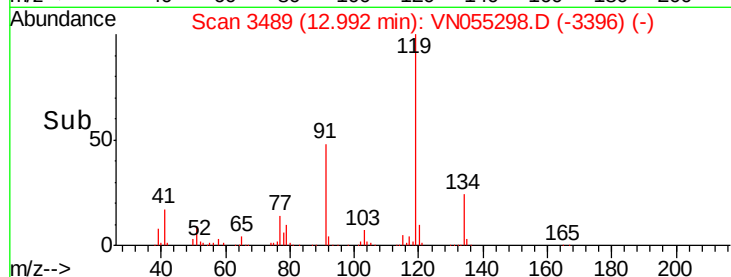
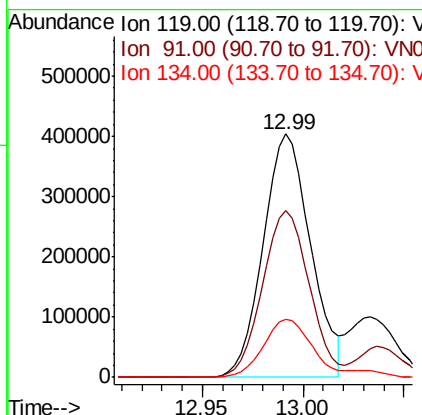
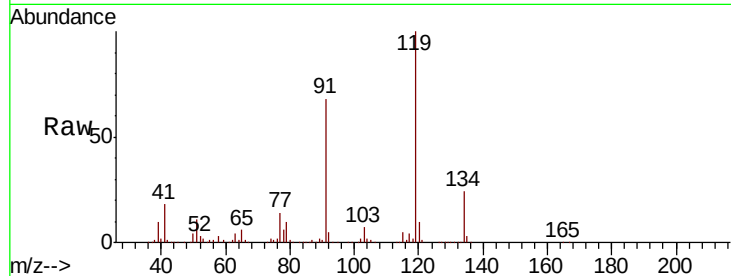




#83
 tert-Butylbenzene
 Concen: 52.811 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055298.D
 Acq: 30 Apr 2019 10:51

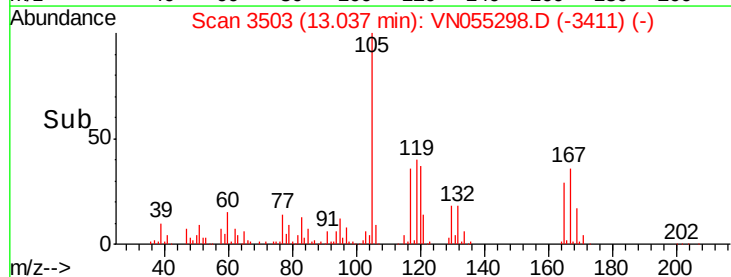
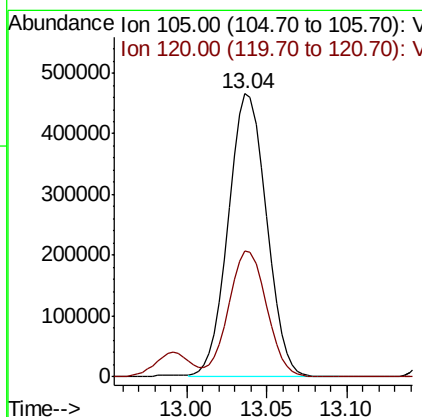
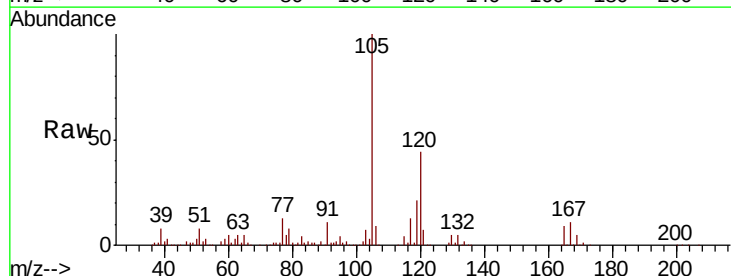
Instrument :
 MSVOA_N
 ClientSampled :

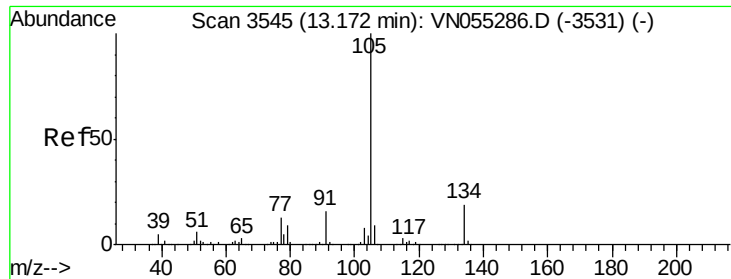
Tot Ion:119 Resp: 662140
 Ion Ratio Lower Upper
 119 100
 91 67.6 34.3 102.9
 134 24.1 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 47.752 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN055298.D
 Acq: 30 Apr 2019 10:51

Tgt Ion:105 Resp: 758836
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.1 66.5





#85

sec-Butylbenzene

Concen: 45.103 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055298.D

Acq: 30 Apr 2019 10:51

Instrument :

MSVOA_N

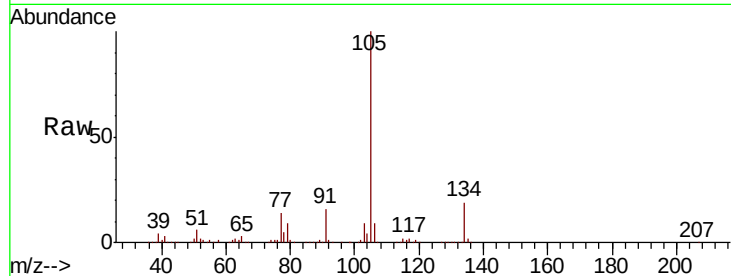
ClientSampled :

Tot Ion:105 Resp: 871074

Ion Ratio Lower Upper

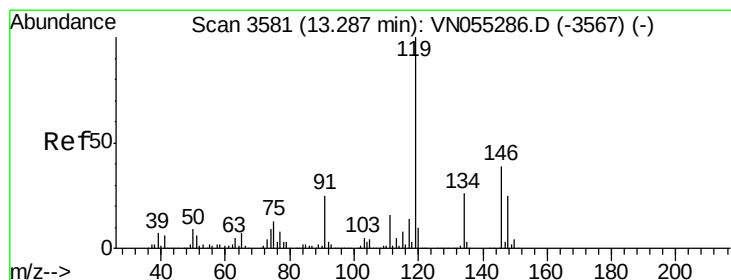
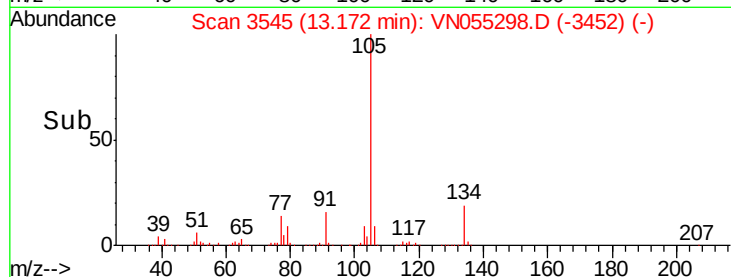
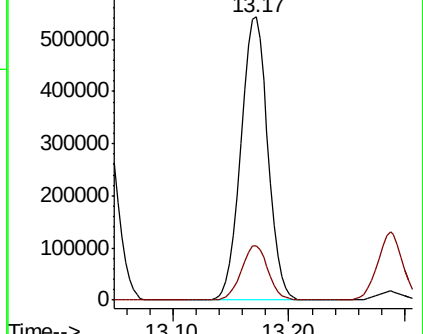
105 100

134 19.1 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.235 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055298.D

Acq: 30 Apr 2019 10:51

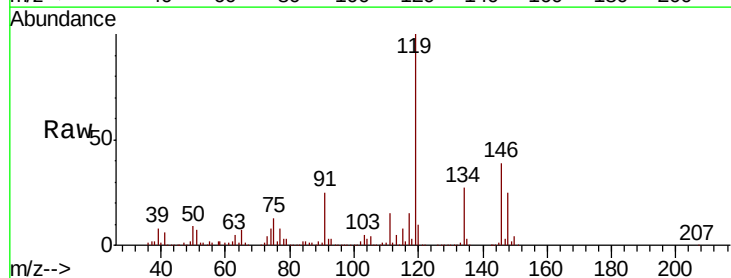
Tgt Ion:119 Resp: 749784

Ion Ratio Lower Upper

119 100

134 26.6 13.0 38.9

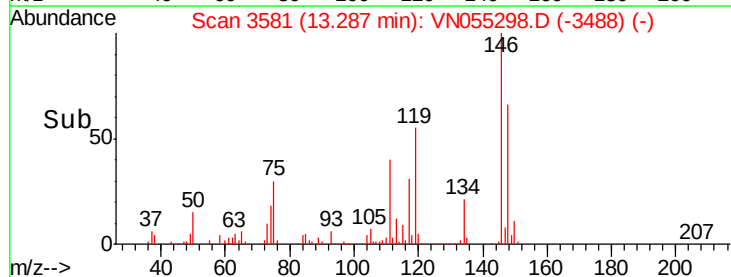
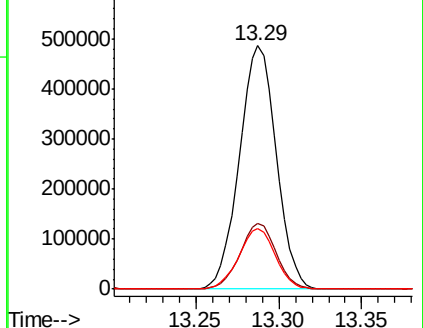
91 24.6 12.2 36.6

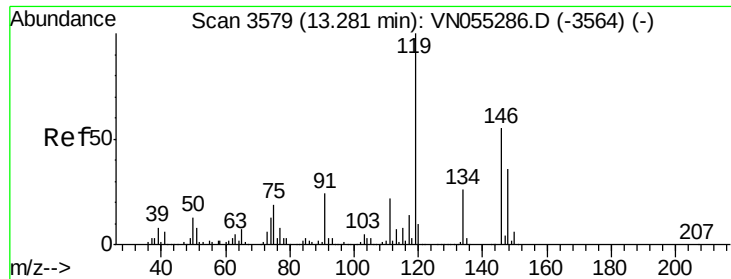


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

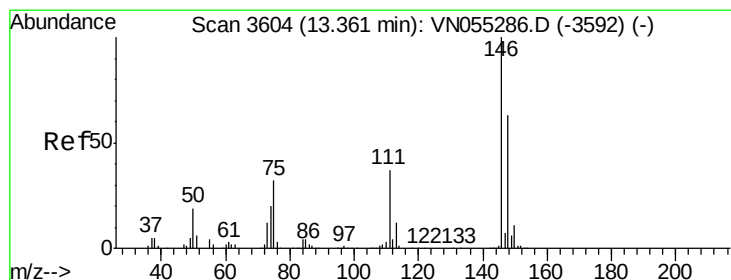
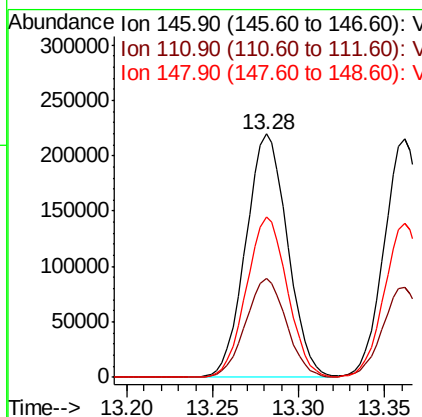
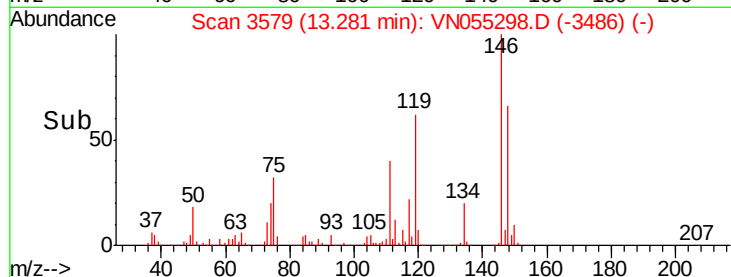
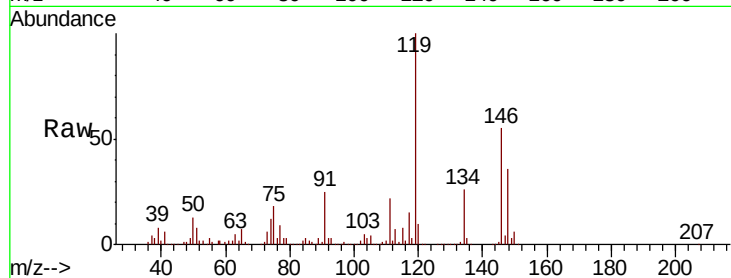




#87
 1,3-Dichlorobenzene
 Concen: 48.675 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055298.D
 Acq: 30 Apr 2019 10:51

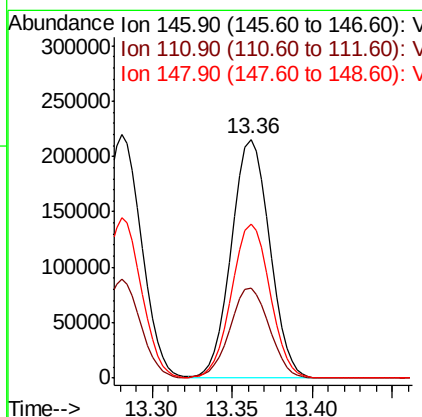
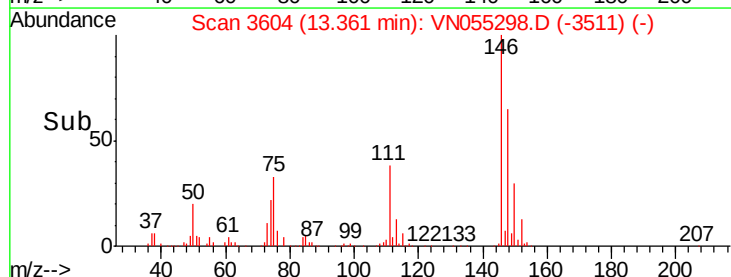
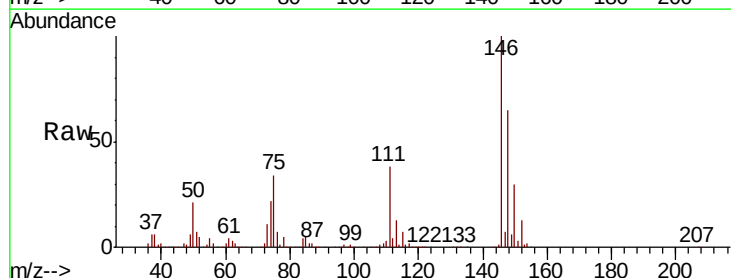
Instrument :
 MSVOA_N
 ClientSampleId :

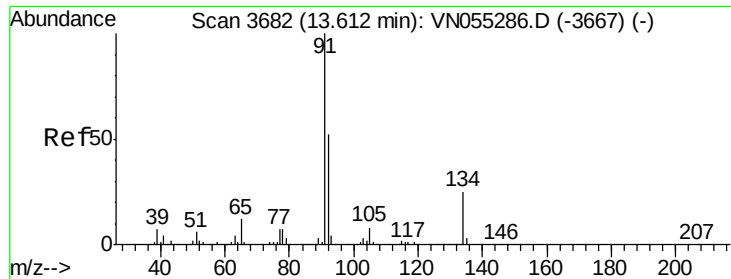
Tot Ion:146 Resp: 369168
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.3 60.8
 148 64.6 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 49.176 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055298.D
 Acq: 30 Apr 2019 10:51

Tgt Ion:146 Resp: 351230
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.5 58.5
 148 64.9 32.5 97.4

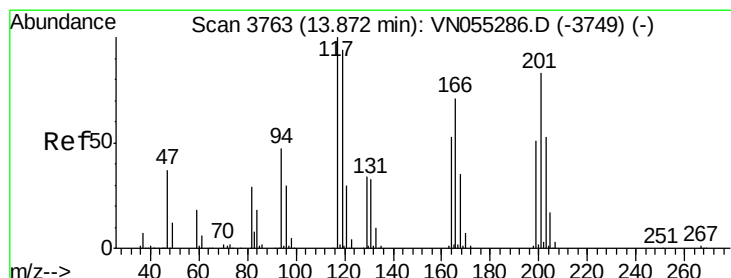
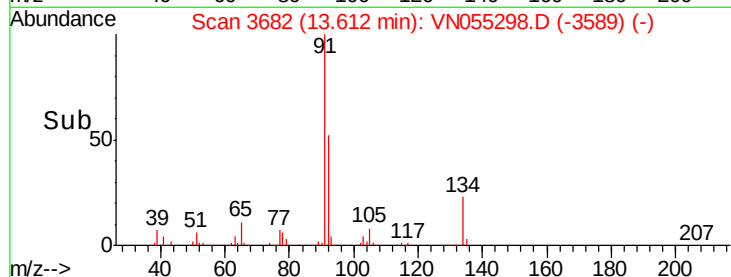
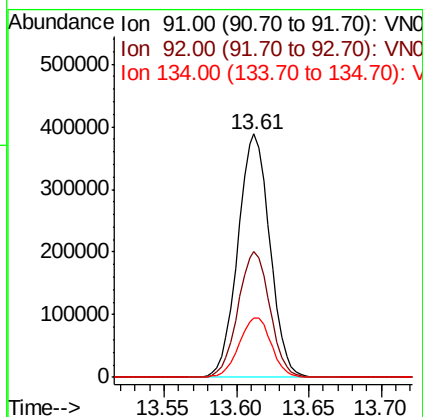
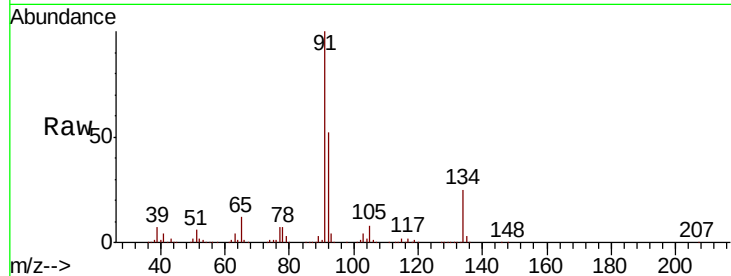




#89
n-Butylbenzene
Concen: 52.646 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055298.D
Acq: 30 Apr 2019 10:51

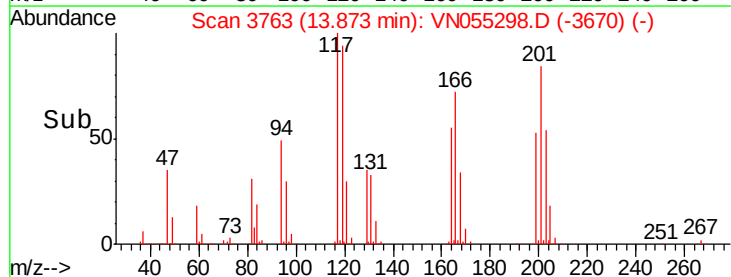
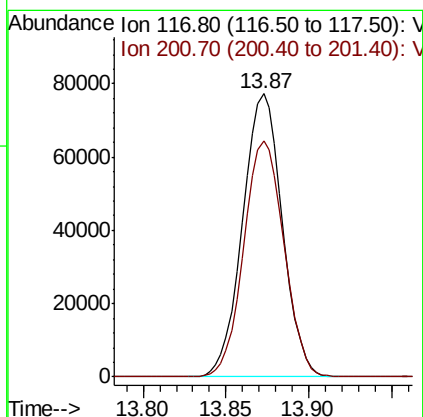
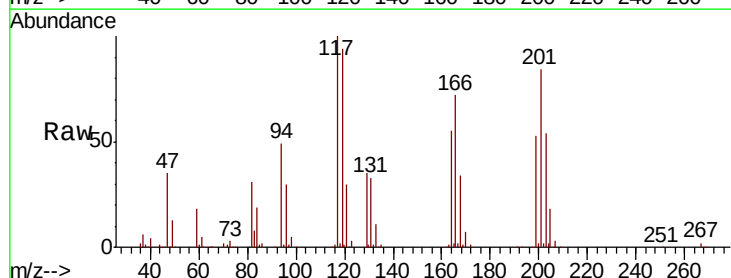
Instrument :
MSVOA_N
ClientSampled :

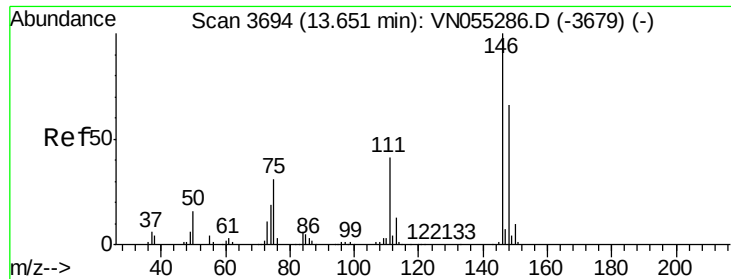
Tot Ion: 91 Resp: 593821
Ion Ratio Lower Upper
91 100
92 51.5 26.1 78.3
134 24.8 12.4 37.4



#90
Hexachloroethane
Concen: 51.253 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055298.D
Acq: 30 Apr 2019 10:51

Tgt Ion: 117 Resp: 128718
Ion Ratio Lower Upper
117 100
201 84.7 41.9 125.8

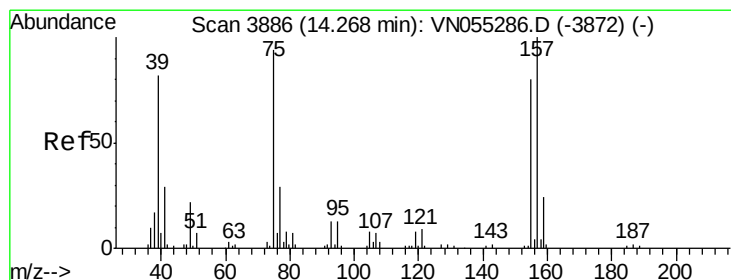
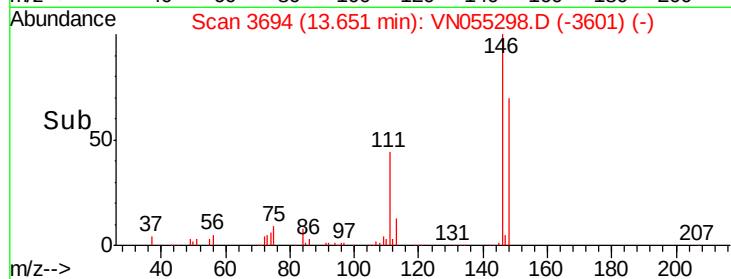
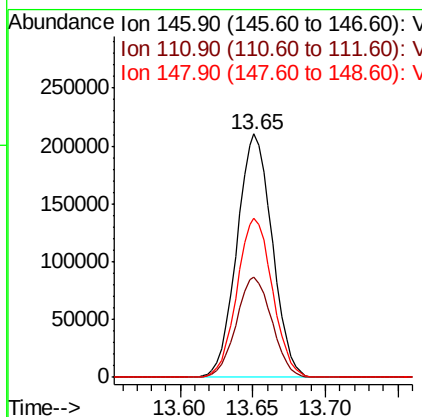
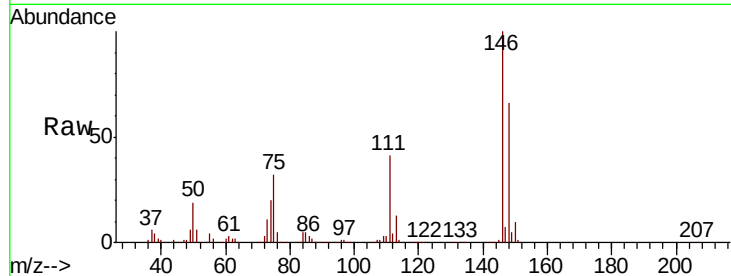




#91
 1,2-Dichlorobenzene
 Concen: 47.224 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN055298.D
 Acq: 30 Apr 2019 10:51

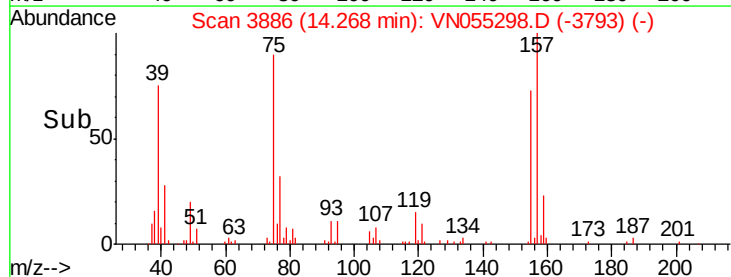
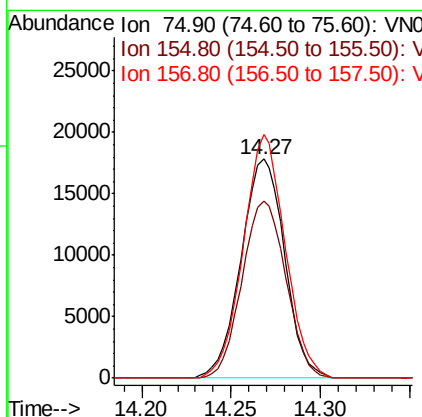
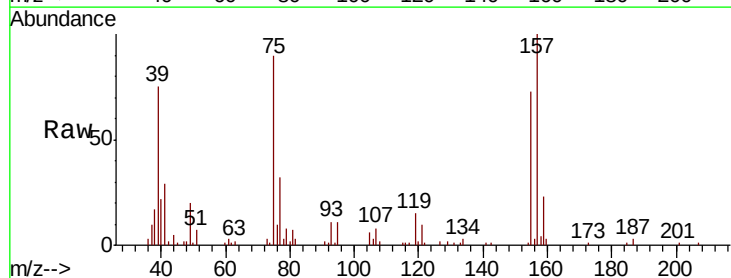
Instrument :
 MSVOA_N
 ClientSampled :

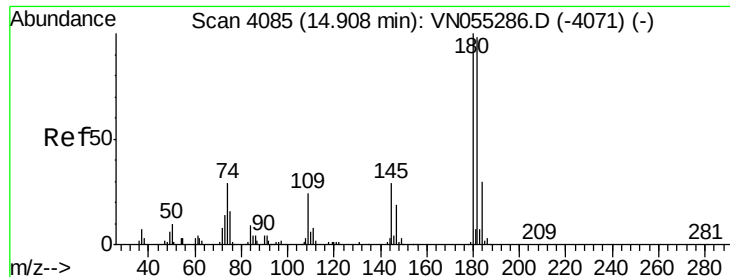
Tot Ion:146 Resp: 354983
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.3 61.0
 148 65.8 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.157 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN055298.D
 Acq: 30 Apr 2019 10:51

Tgt Ion: 75 Resp: 30504
 Ion Ratio Lower Upper
 75 100
 155 81.1 41.5 124.6
 157 106.9 54.0 162.2

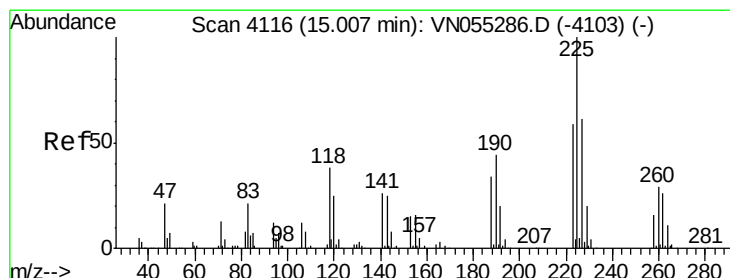
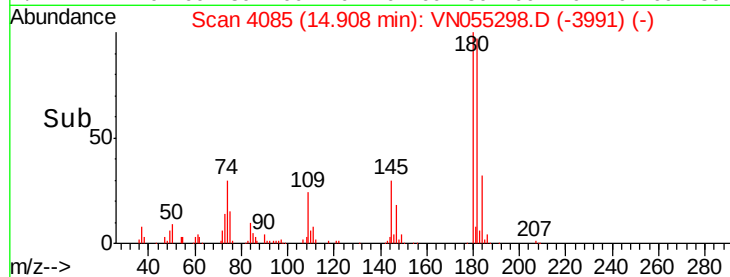
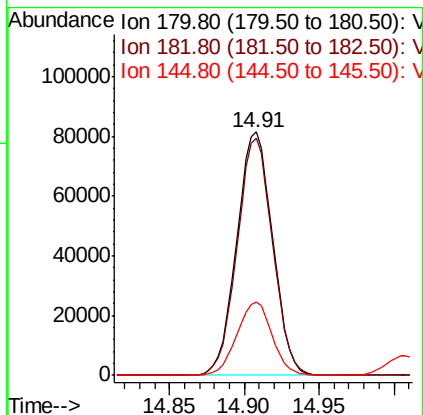
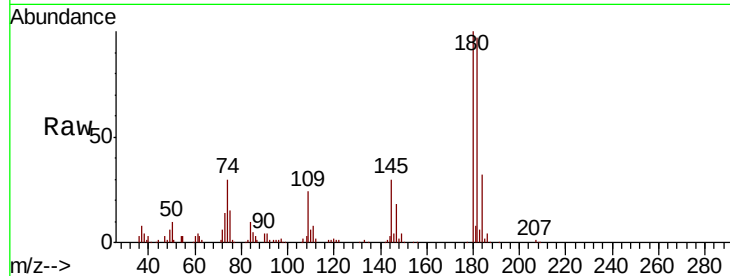




#93
 1,2,4-Trichlorobenzene
 Concen: 46.069 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055298.D
 Acq: 30 Apr 2019 10:51

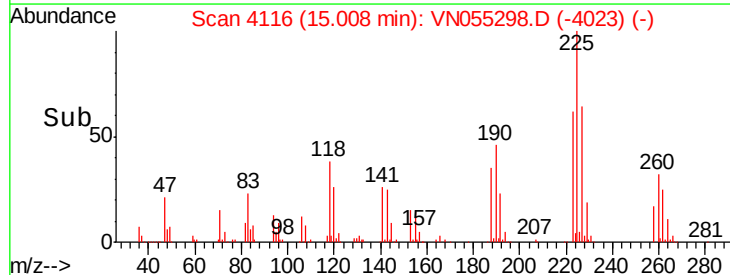
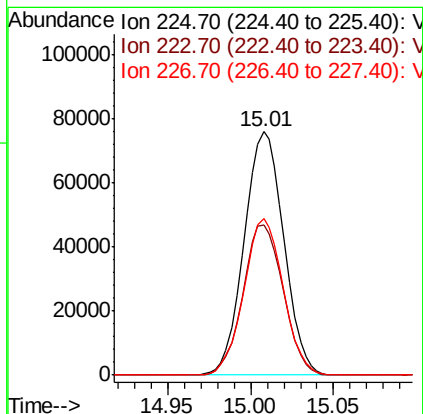
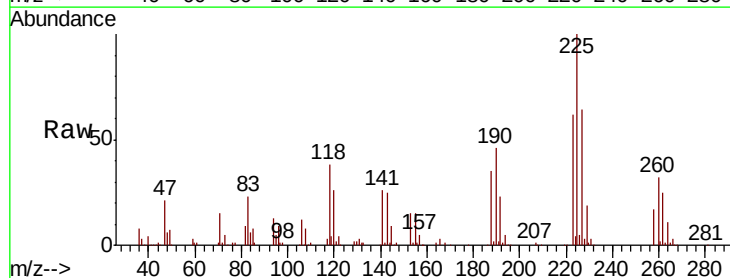
Instrument :
 MSVOA_N
 ClientSampled :

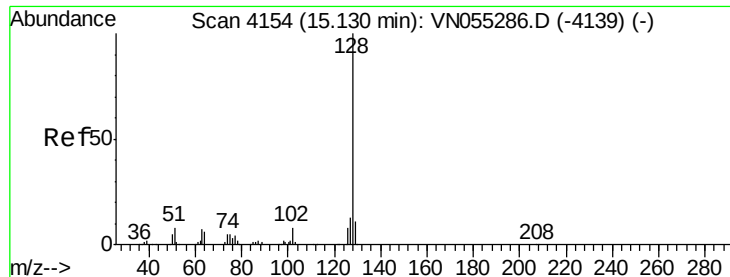
Tot Ion:180 Resp: 135696
 Ion Ratio Lower Upper
 180 100
 182 96.6 48.3 144.9
 145 29.6 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 56.389 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055298.D
 Acq: 30 Apr 2019 10:51

Tgt Ion:225 Resp: 126739
 Ion Ratio Lower Upper
 225 100
 223 62.6 30.3 90.8
 227 63.8 30.9 92.7





#95

Naphthalene

Concen: 42.699 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055298.D

Acq: 30 Apr 2019 10:51

Instrument :

MSVOA_N

ClientSampleId :

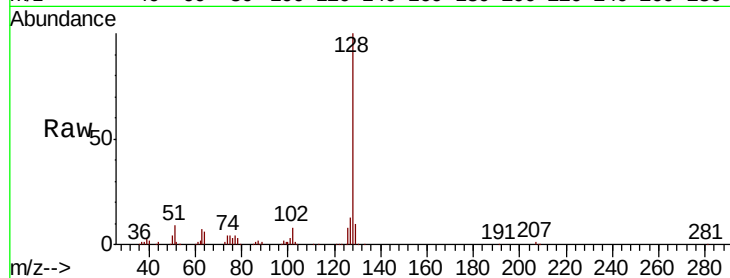
Tot Ion:128 Resp: 265718

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

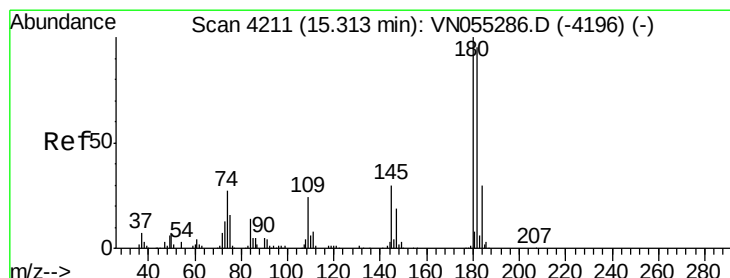
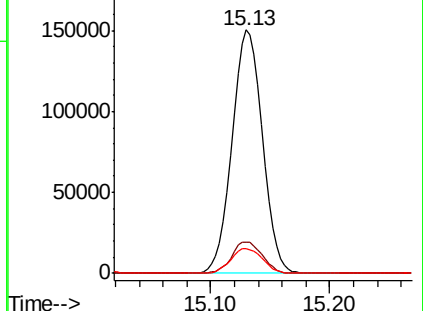
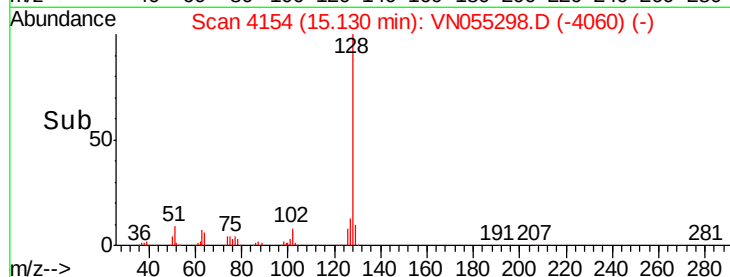
129 10.6 8.6 13.0



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: 46.797 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN055298.D

Acq: 30 Apr 2019 10:51

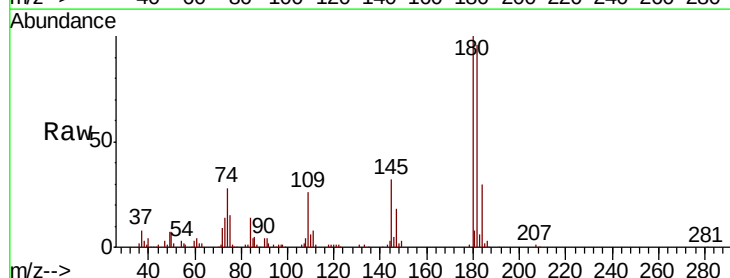
Tgt Ion:180 Resp: 136059

Ion Ratio Lower Upper

180 100

182 97.1 48.3 144.9

145 31.9 15.2 45.6



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

