

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061819\
 Data File : VN056370.D
 Acq On : 18 Jun 2019 17:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 19 02:01:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:23:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	359899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	548041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	493459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	226369	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	196397	48.53	ug/l	0.00
Spiked Amount			Recovery	=	97.06%	
35) Dibromofluoromethane	7.59	113	173562	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	
50) Toluene-d8	10.09	98	669911	49.90	ug/l	0.00
Spiked Amount			Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.40	95	235497	52.93	ug/l	0.00
Spiked Amount			Recovery	=	105.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	156066	49.323	ug/l	99
3) Chloromethane	2.06	50	202741	47.786	ug/l	99
4) Vinyl Chloride	2.18	62	198957	47.715	ug/l	99
5) Bromomethane	2.53	94	114435	47.182	ug/l	97
6) Chloroethane	2.68	64	115753	47.930	ug/l	97
7) Trichlorofluoromethane	3.00	101	249204	46.797	ug/l	100
8) Diethyl Ether	3.40	74	101344	47.981	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	162456	47.169	ug/l	99
10) Methyl Iodide	3.94	142	229211	52.004	ug/l	99
11) Tert butyl alcohol	4.82	59	146047	229.354	ug/l	98
12) 1,1-Dichloroethene	3.72	96	153816	46.054	ug/l	98
13) Acrolein	3.60	56	37690	207.362	ug/l	97
14) Allyl chloride	4.31	41	265341	47.372	ug/l	98
15) Acrylonitrile	4.99	53	448740	246.572	ug/l	99
16) Acetone	3.82	43	406635	181.852	ug/l	99
17) Carbon Disulfide	4.04	76	358452	40.109	ug/l	98
18) Methyl Acetate	4.32	43	189072	48.453	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	510391	50.107	ug/l	100
20) Methylene Chloride	4.54	84	185610	47.008	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	166021	46.732	ug/l	97
22) Diisopropyl ether	5.95	45	542430	49.263	ug/l	99
23) Vinyl Acetate	5.89	43	2271193	253.530	ug/l	100
24) 1,1-Dichloroethane	5.84	63	311180	48.204	ug/l	99
25) 2-Butanone	6.84	43	609472	224.872	ug/l	99
26) 2,2-Dichloropropane	6.82	77	205196	43.957	ug/l	100
27) cis-1,2-Dichloroethene	6.82	96	198448	48.228	ug/l	100
28) Bromochloromethane	7.19	49	161606	49.991	ug/l	99
29) Tetrahydrofuran	7.21	42	398239	247.365	ug/l	99
30) Chloroform	7.37	83	306050	47.593	ug/l	99
31) Cyclohexane	7.65	56	294942	47.289	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	246551	46.287	ug/l	100
36) 1,1-Dichloropropene	7.79	75	241032	48.874	ug/l	98
37) Ethyl Acetate	6.93	43	238811	51.097	ug/l	99
38) Carbon Tetrachloride	7.77	117	207763	43.892	ug/l	97

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39) Methylcyclohexane	9.08	83	295964	49.200	ug/l	99
40) Benzene	8.04	78	728051	48.666	ug/l	98
41) Methacrylonitrile	7.17	41	115968	54.037	ug/l	98
42) 1,2-Dichloroethane	8.12	62	237424	48.393	ug/l	100
43) Isopropyl Acetate	8.17	43	365677	48.912	ug/l	99
44) Trichloroethene	8.83	130	196517	48.304	ug/l	99
45) 1,2-Dichloropropane	9.12	63	193954	49.055	ug/l	100
46) Dibromomethane	9.21	93	124315	47.314	ug/l	99
47) Bromodichloromethane	9.40	83	225911	45.005	ug/l	99
48) Methyl methacrylate	9.20	41	183736	48.711	ug/l	99
49) 1,4-Dioxane	9.20	88	72709	955.554	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	1180735	247.798	ug/l	100
52) Toluene	10.15	92	453022	49.612	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	234477	47.044	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	275585	47.937	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	179135	47.734	ug/l	99
56) Ethyl methacrylate	10.43	69	275237	50.998	ug/l	99
57) 1,3-Dichloropropane	10.71	76	305479	48.327	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	513947	254.449	ug/l	99
59) 2-Hexanone	10.75	43	850511	240.675	ug/l	100
60) Dibromochloromethane	10.90	129	174145	44.243	ug/l	99
61) 1,2-Dibromoethane	11.00	107	188502	48.865	ug/l	99
64) Tetrachloroethene	10.63	164	191180	47.244	ug/l	97
65) Chlorobenzene	11.43	112	486674	48.578	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	169984	45.449	ug/l	100
67) Ethyl Benzene	11.51	91	862757	50.030	ug/l	99
68) m/p-Xylenes	11.62	106	654711	102.007	ug/l	100
69) o-Xylene	11.95	106	317795	50.230	ug/l	99
70) Styrene	11.96	104	538458	52.715	ug/l	99
71) Bromoform	12.13	173	122042	41.988	ug/l #	99
73) Isopropylbenzene	12.25	105	841643	50.136	ug/l	99
74) N-amyl acetate	12.07	43	318032	44.707	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	260503	49.527	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	302385	62.522	ug/l #	100
77) Bromobenzene	12.53	156	221205	49.207	ug/l	99
78) n-propylbenzene	12.59	91	934532	45.992	ug/l	100
79) 2-Chlorotoluene	12.67	91	565379	50.526	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	710308	44.977	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	59684	38.341	ug/l	89
82) 4-Chlorotoluene	12.77	91	549173	46.042	ug/l	99
83) tert-Butylbenzene	12.99	119	615720	50.668	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	704733	47.921	ug/l	99
85) sec-Butylbenzene	13.17	105	812541	45.593	ug/l	99
86) p-Isopropyltoluene	13.29	119	732544	48.019	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	368863	47.874	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	356738	48.184	ug/l	99
89) n-Butylbenzene	13.61	91	590861	51.805	ug/l	99
90) Hexachloroethane	13.87	117	106986	41.049	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	369709	49.002	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	42122	43.064	ug/l	99

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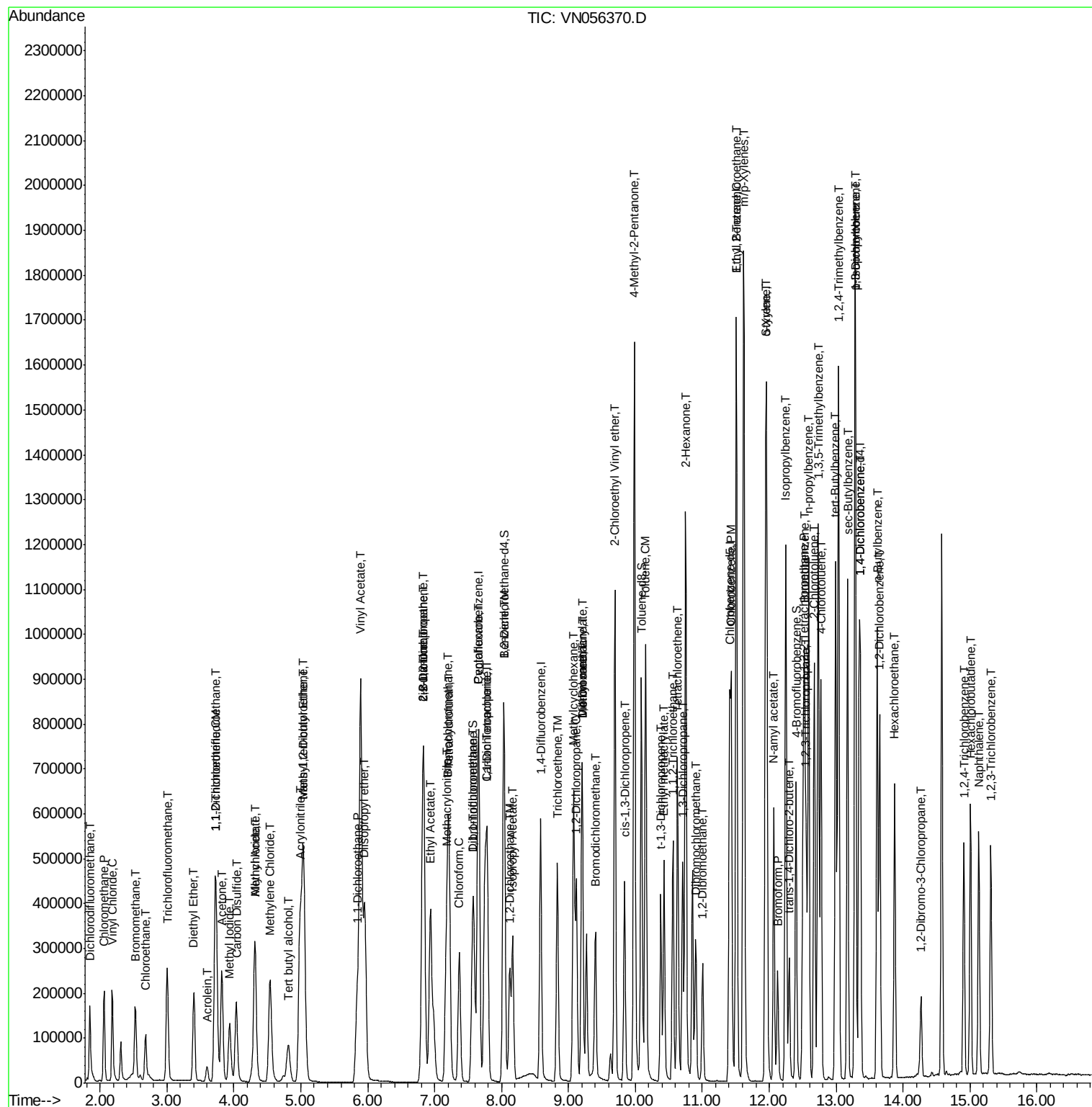
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	179867	46.280	ug/l	99
94) Hexachlorobutadiene	15.01	225	130636	50.522	ug/l	99
95) Naphthalene	15.13	128	477813	46.499	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	195978	47.889	ug/l	99

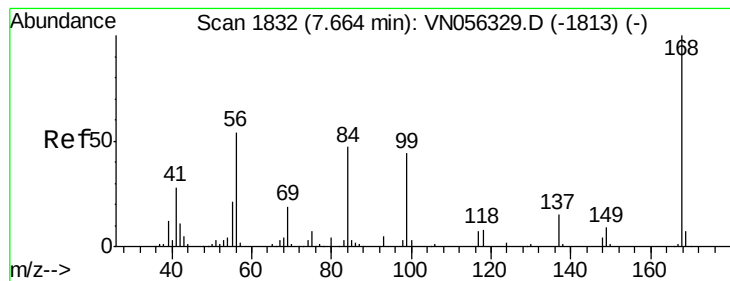
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Instrument :

MSVOA_N

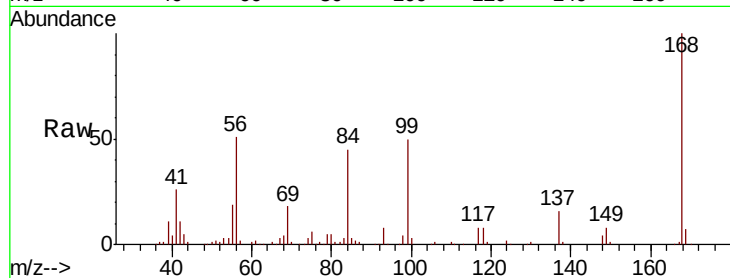
ClientSampleId :

Tot Ion:168 Resp: 359899

Ion Ratio Lower Upper

168 100

99 48.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN056329.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN056329.D (-1813) (-)

7.66

150000

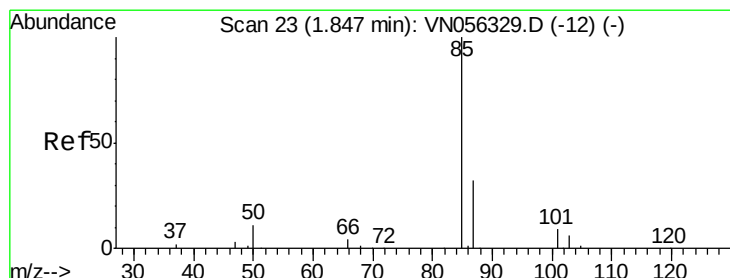
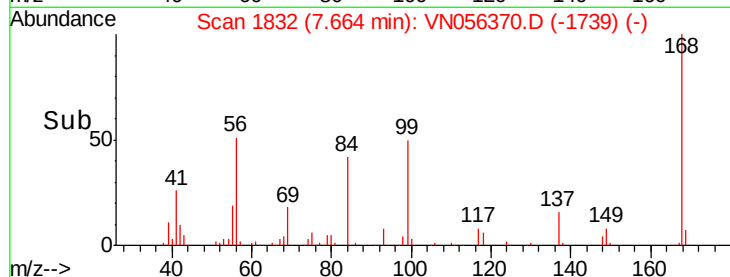
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 49.323 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056370.D

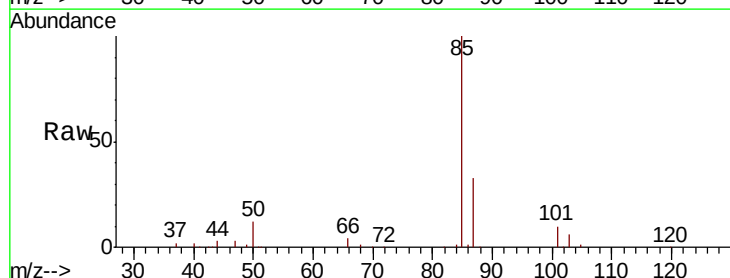
Acq: 18 Jun 2019 17:01

Tgt Ion: 85 Resp: 156066

Ion Ratio Lower Upper

85 100

87 32.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN056329.D (-12) (-)

Ion 86.90 (86.60 to 87.60): VN056329.D (-12) (-)

1.85

100000

80000

60000

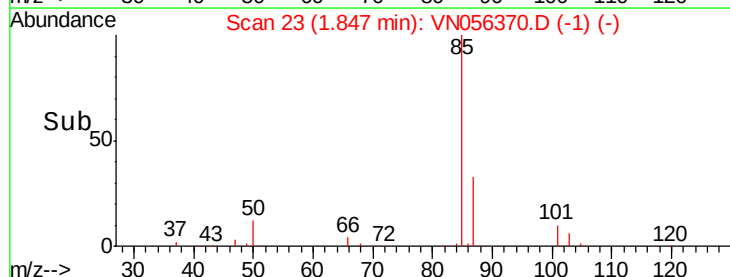
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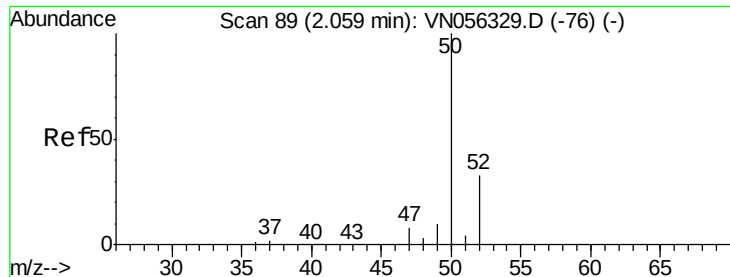
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 47.786 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Instrument :

MSVOA_N

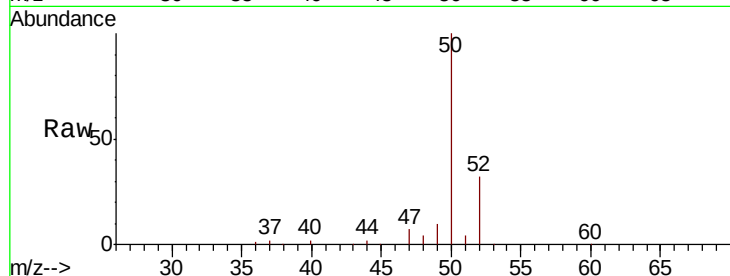
ClientSampled :

Tot Ion: 50 Resp: 202741

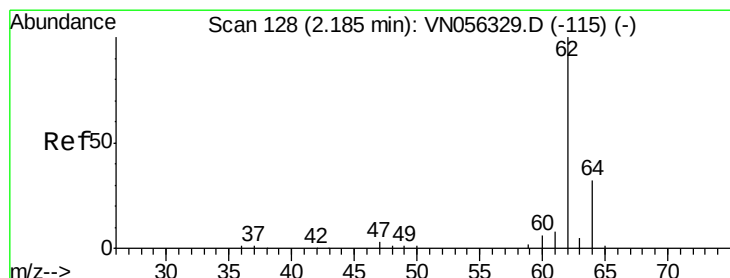
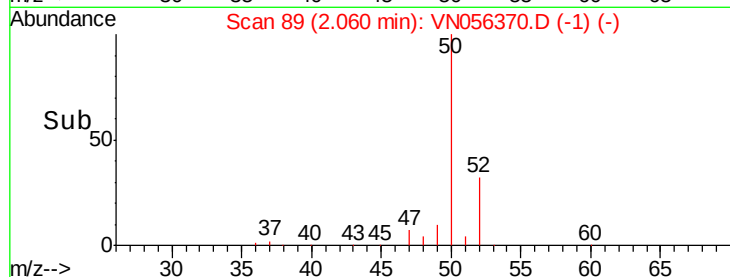
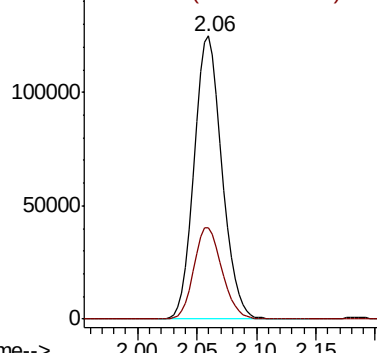
Ion Ratio Lower Upper

50 100

52 32.5 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 47.715 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056370.D

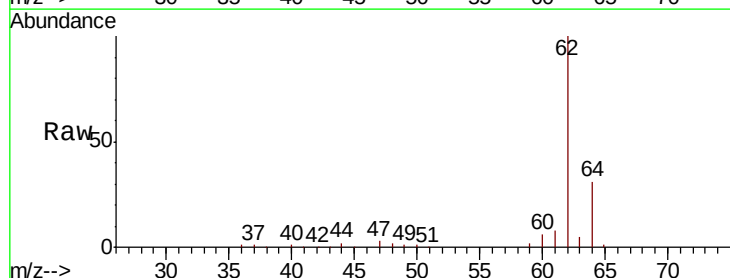
Acq: 18 Jun 2019 17:01

Tgt Ion: 62 Resp: 198957

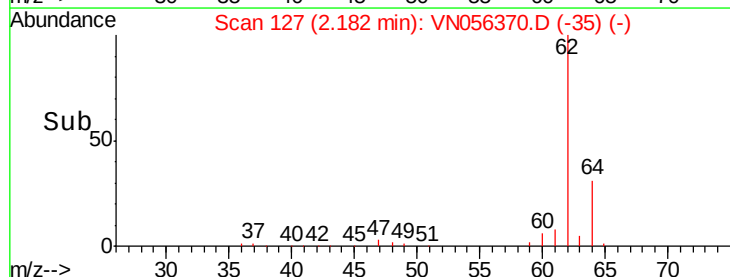
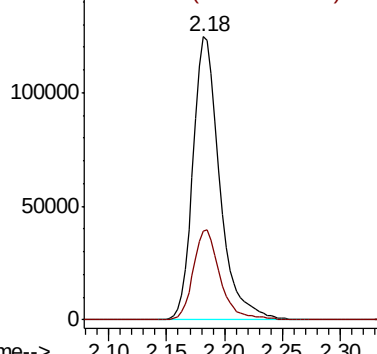
Ion Ratio Lower Upper

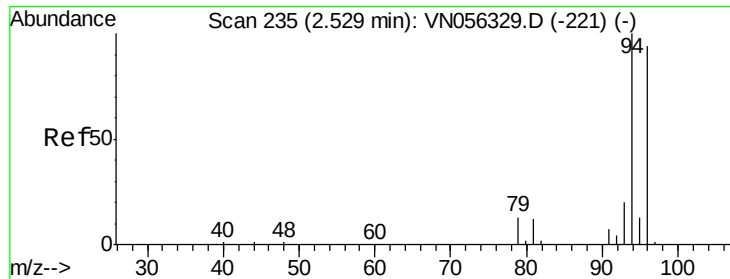
62 100

64 31.4 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO

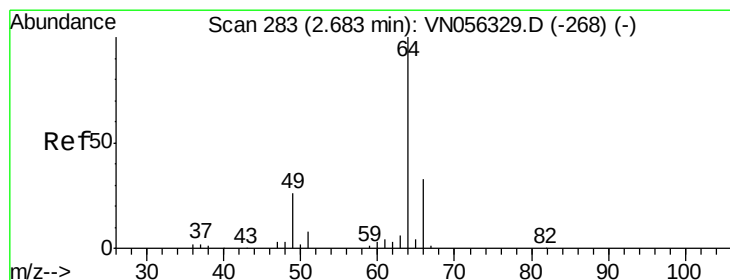
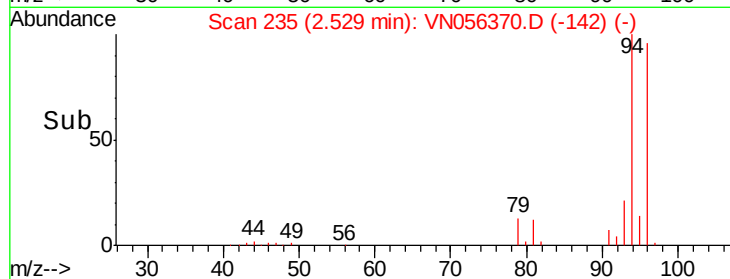
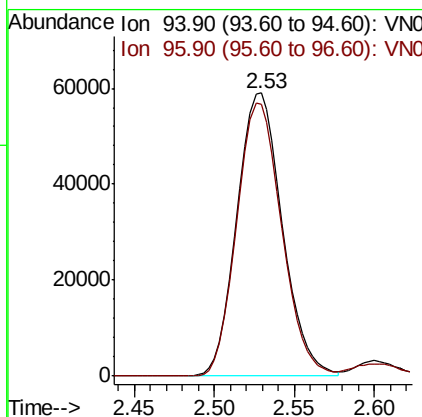
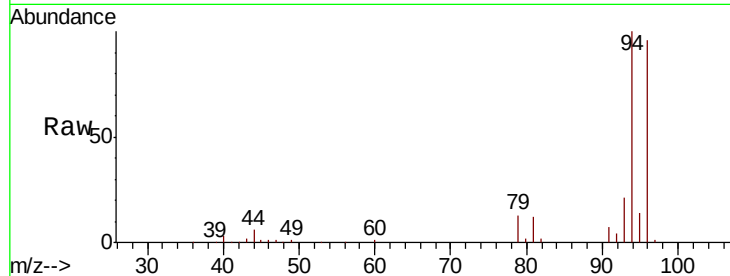




#5
Bromomethane
Concen: 47.182 ug/l
RT: 2.53 min Scan# 235
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

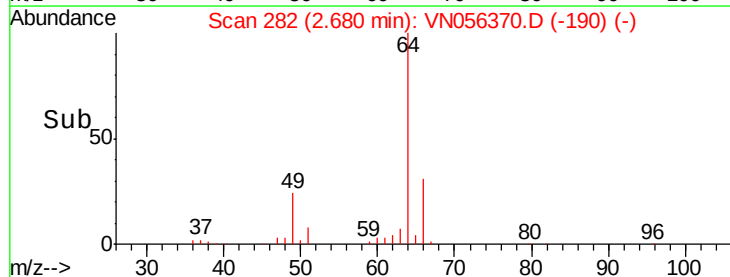
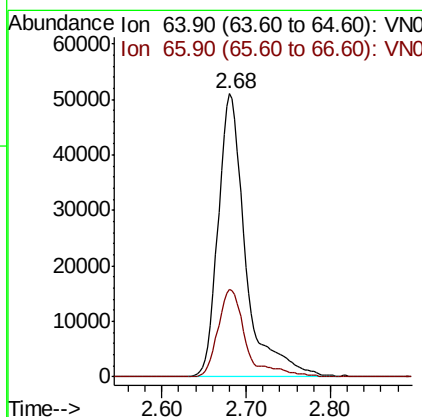
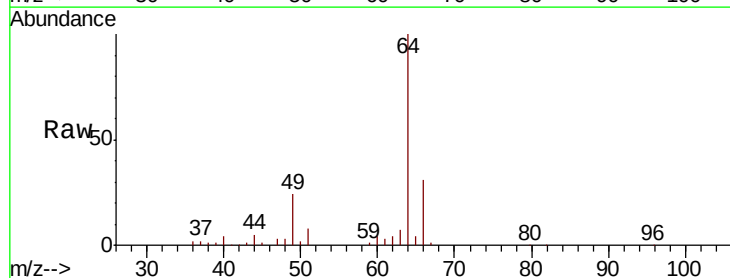
Instrument :
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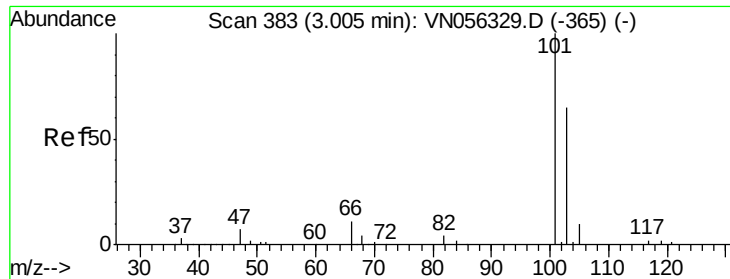
Tot Ion: 94 Resp: 114435
Ion Ratio Lower Upper
94 100
96 96.1 74.9 112.3



#6
Chloroethane
Concen: 47.930 ug/l
RT: 2.68 min Scan# 282
Delta R.T. -0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion: 64 Resp: 115753
Ion Ratio Lower Upper
64 100
66 31.1 26.3 39.5



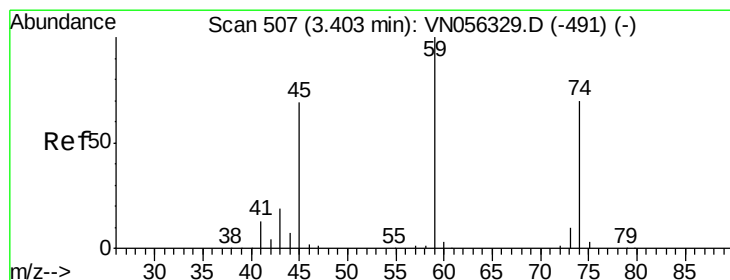
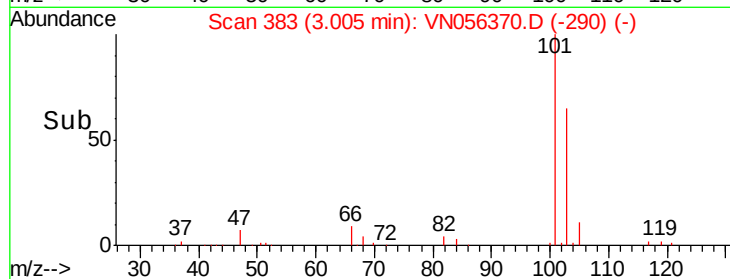
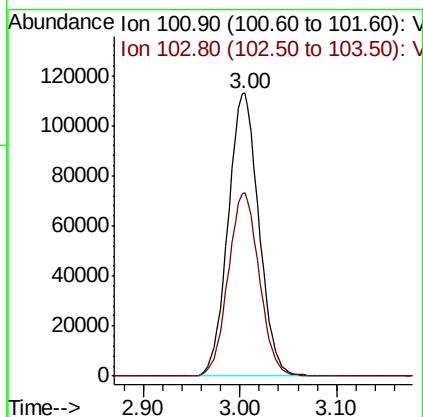
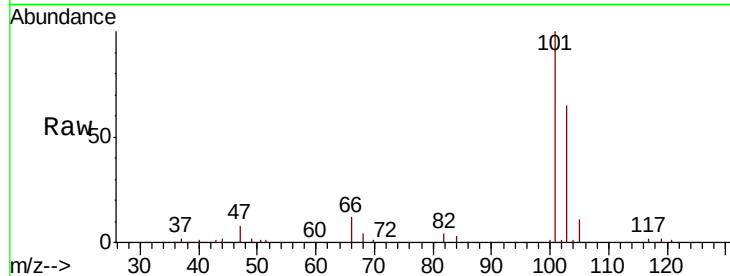


#7

Trichlorofluoromethane
 Concen: 46.797 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Instrument :
 MSVOA_N
 ClientSampleId :

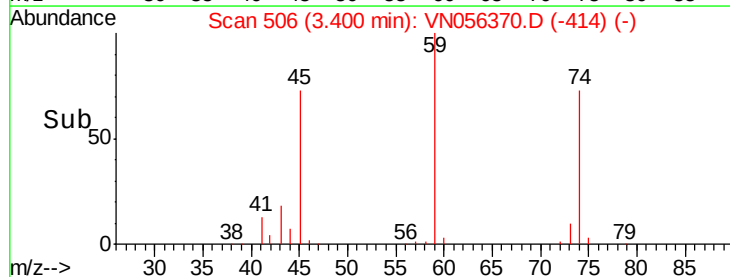
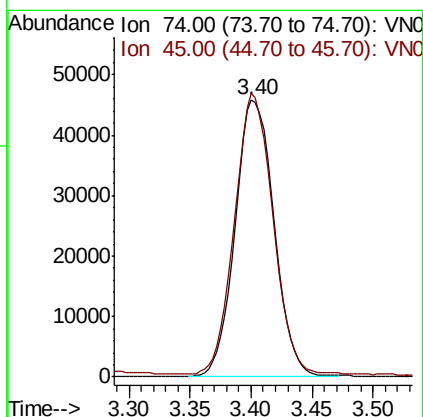
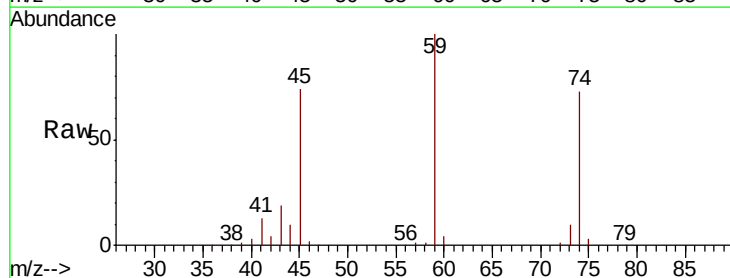
Tot Ion:101 Resp: 249204
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.1 78.1

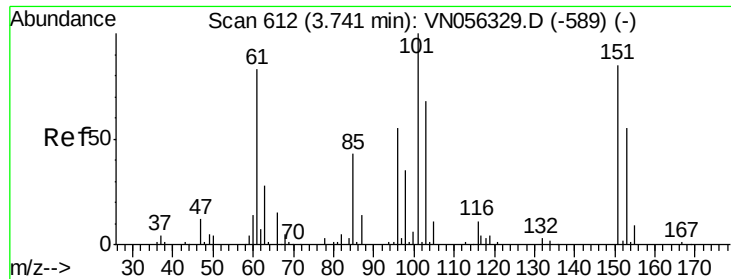


#8

Diethyl Ether
 Concen: 47.981 ug/l
 RT: 3.40 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Tgt Ion: 74 Resp: 101344
 Ion Ratio Lower Upper
 74 100
 45 100.3 49.0 147.0

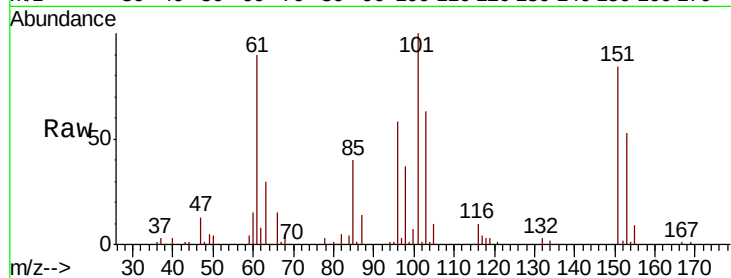




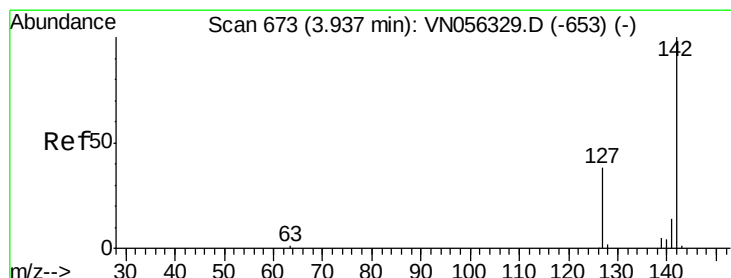
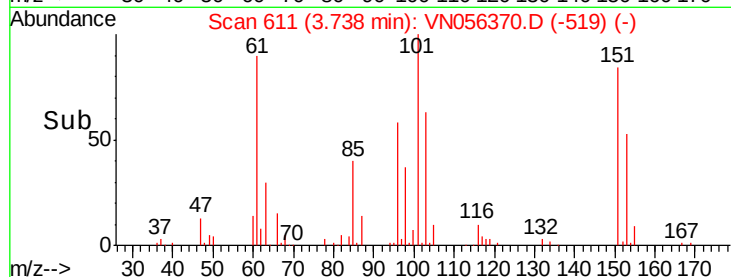
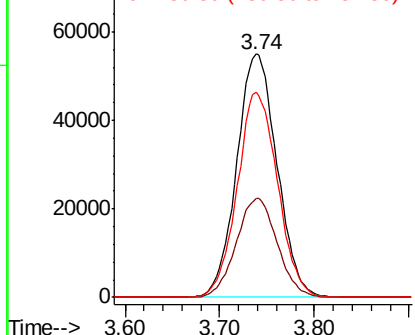
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.169 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:101 Resp: 162456
 Ion Ratio Lower Upper
 101 100
 85 41.3 33.8 50.8
 151 84.2 67.4 101.0

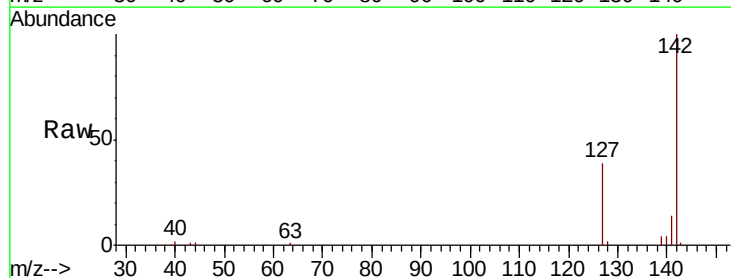


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

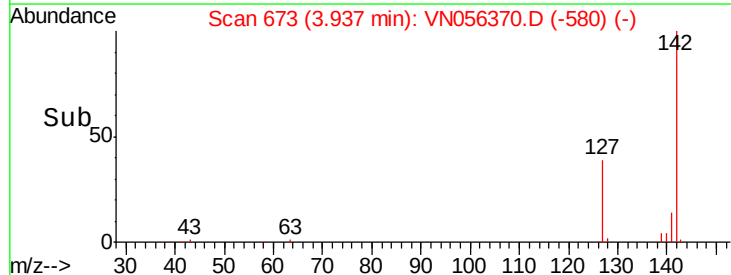
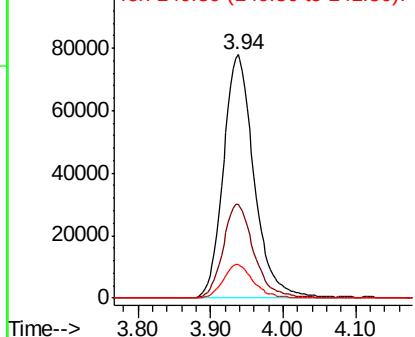


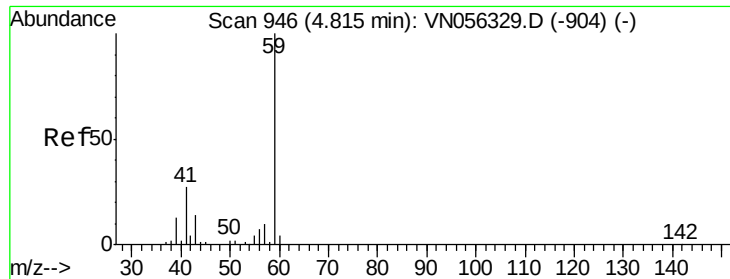
#10
 Methyl Iodide
 Concen: 52.004 ug/l
 RT: 3.94 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Tgt Ion:142 Resp: 229211
 Ion Ratio Lower Upper
 142 100
 127 38.7 30.8 46.2
 141 13.6 11.4 17.2



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

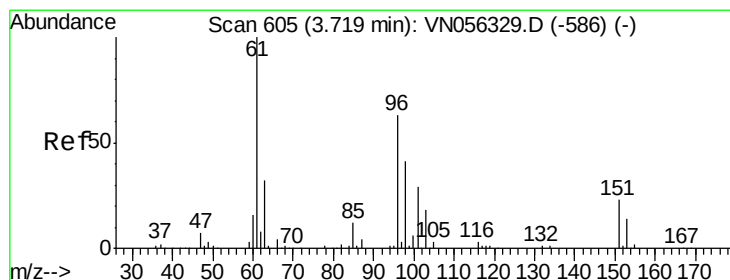
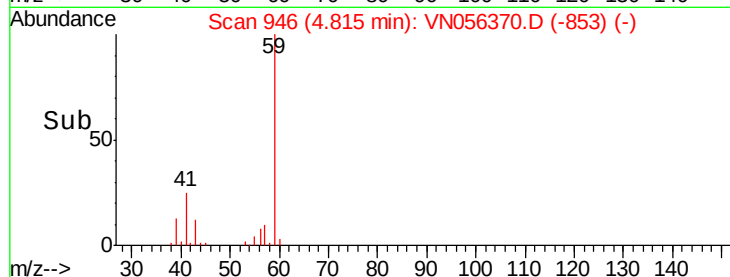
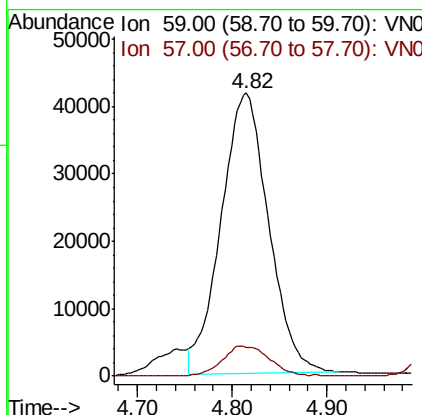
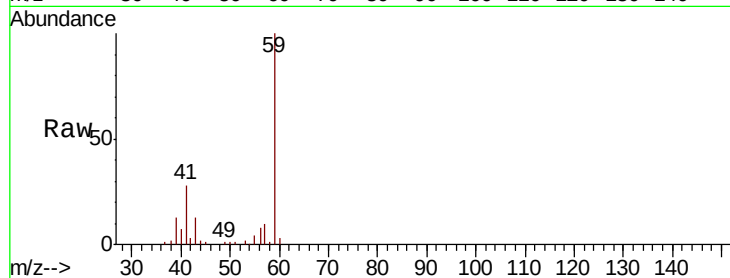




#11
Tert butyl alcohol
Concen: 229.354 ug/l
RT: 4.82 min Scan# 946
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

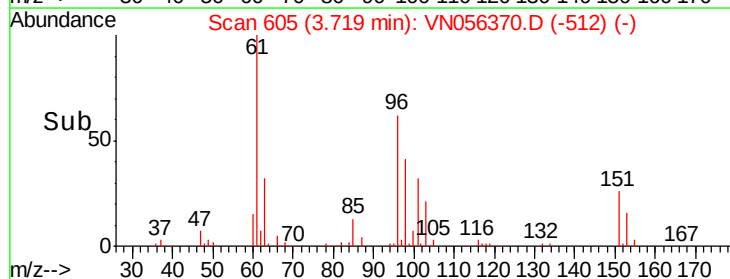
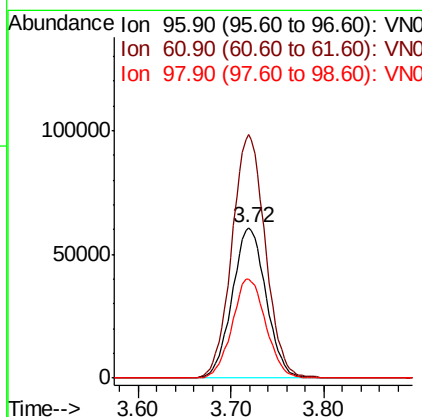
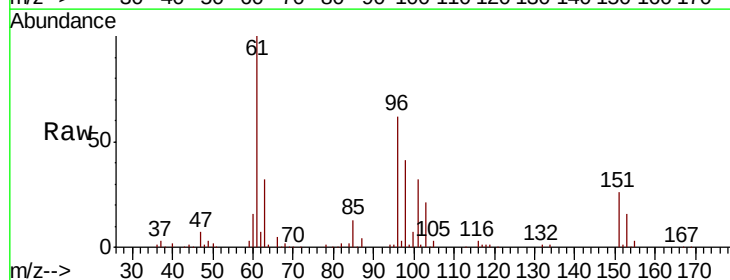
Instrument :
MSVOA_N
ClientSampled :

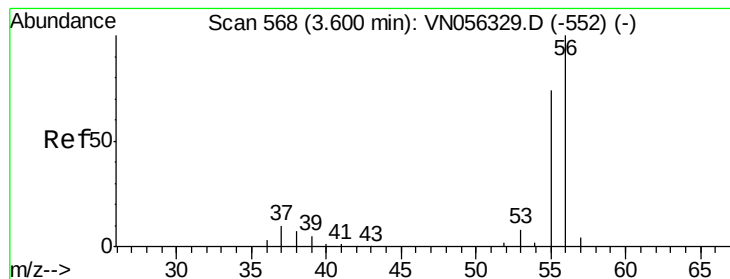
Tot Ion: 59 Resp: 146047
Ion Ratio Lower Upper
59 100
57 10.7 7.8 11.8



#12
1,1-Dichloroethene
Concen: 46.054 ug/l
RT: 3.72 min Scan# 605
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion: 96 Resp: 153816
Ion Ratio Lower Upper
96 100
61 161.9 127.4 191.2
98 66.0 51.7 77.5





#13

Acrolein

Concen: 207.362 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

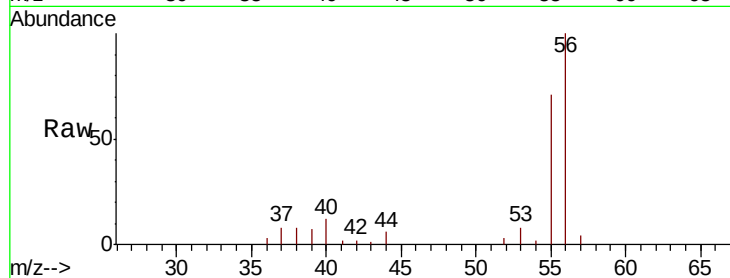
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 37690

Ion Ratio Lower Upper

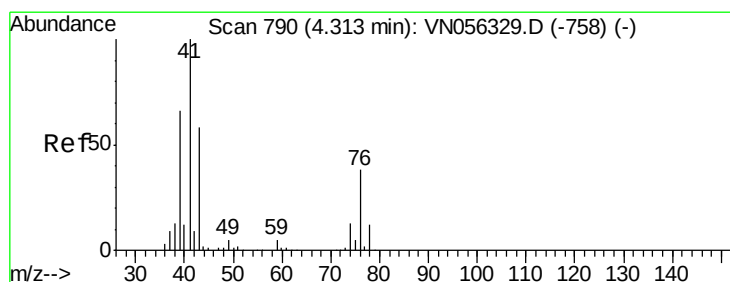
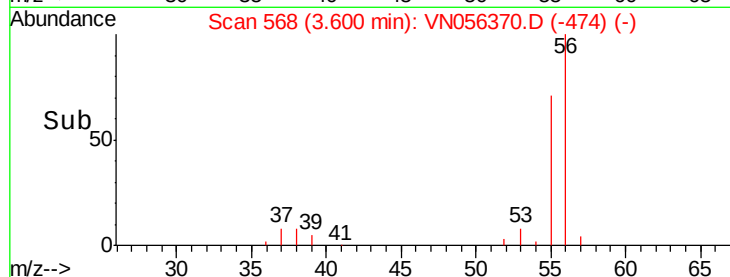
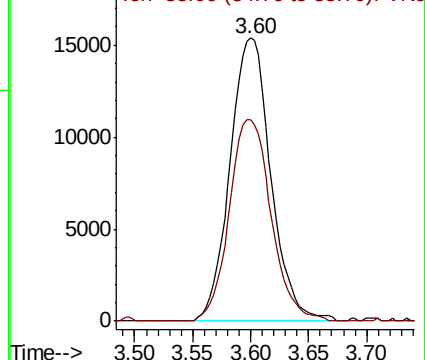
56 100

55 73.0 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 47.372 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

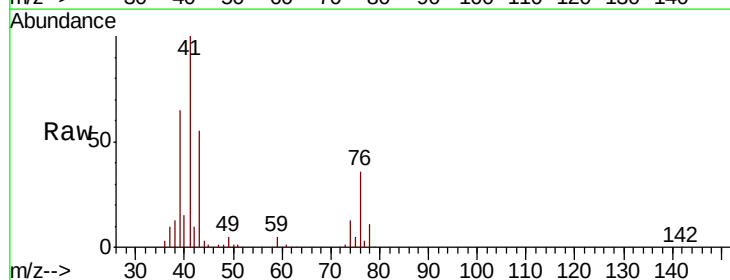
Tgt Ion: 41 Resp: 265341

Ion Ratio Lower Upper

41 100

39 60.3 48.9 73.3

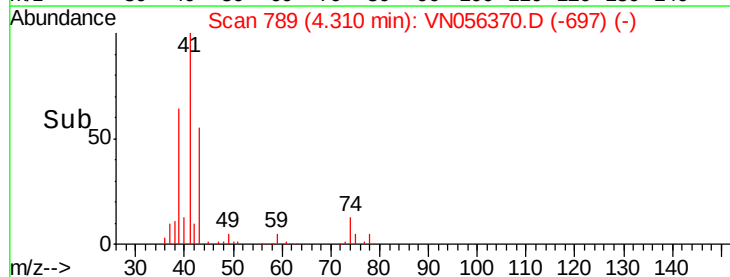
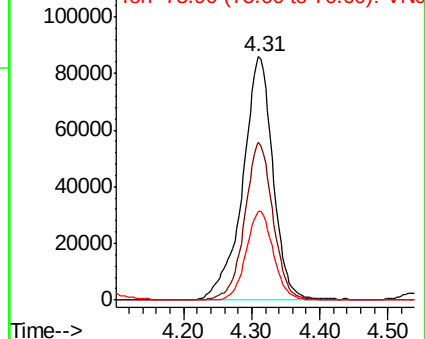
76 32.7 27.2 40.8

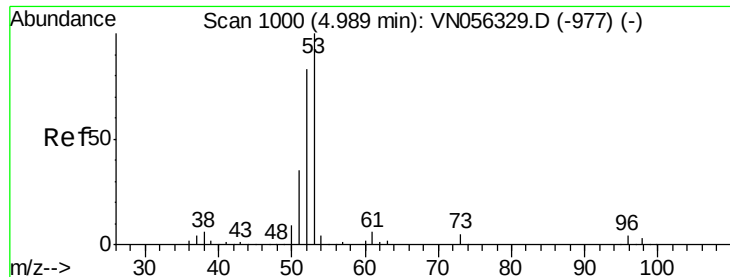


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

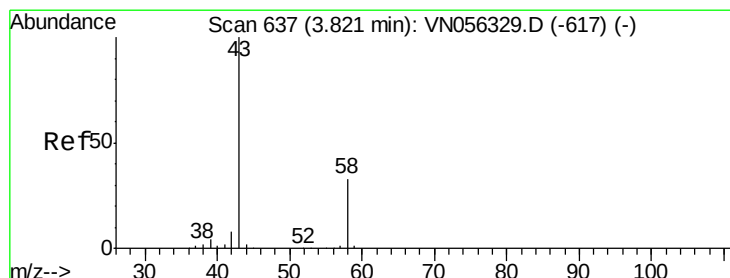
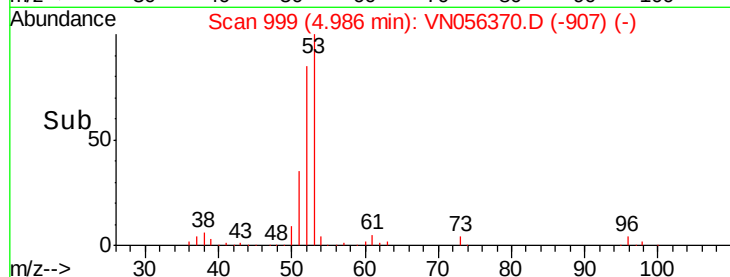
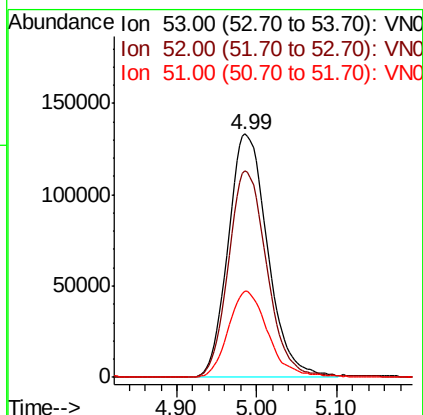
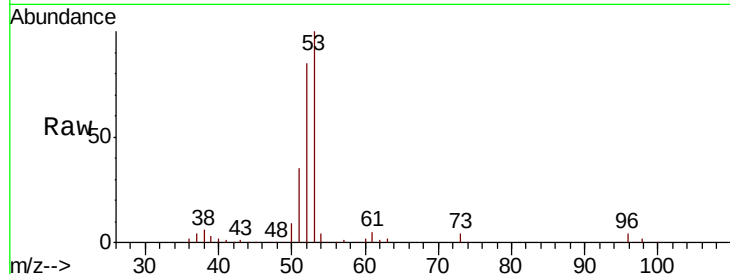




#15
 Acrylonitrile
 Concen: 246.572 ug/l
 RT: 4.99 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

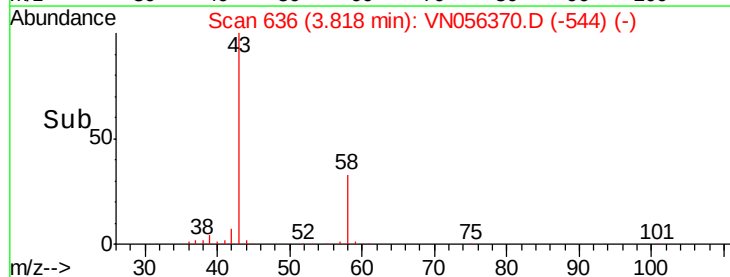
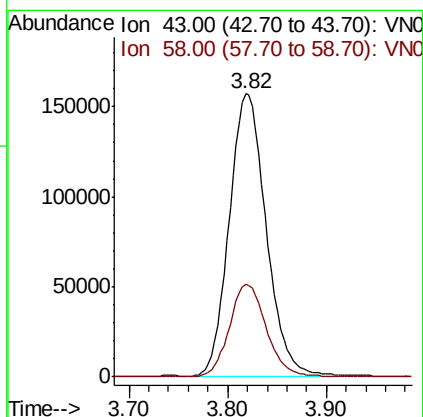
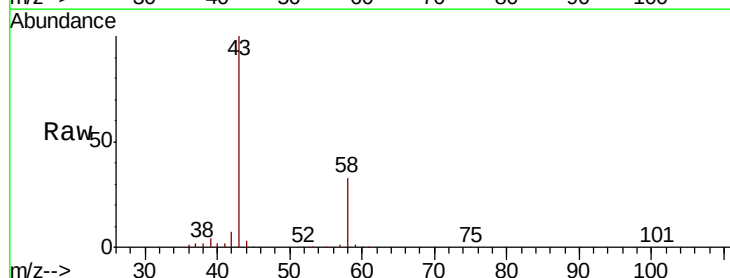
Instrument :
 MSVOA_N
 ClientSampleId :

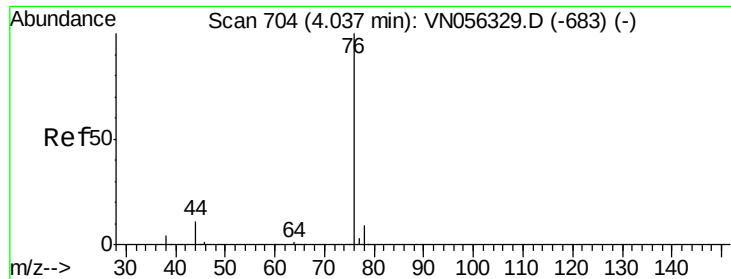
Tot Ion: 53 Resp: 448740
 Ion Ratio Lower Upper
 53 100
 52 82.8 65.4 98.2
 51 35.6 28.5 42.7



#16
 Acetone
 Concen: 181.852 ug/l
 RT: 3.82 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Tgt Ion: 43 Resp: 406635
 Ion Ratio Lower Upper
 43 100
 58 32.8 26.5 39.7

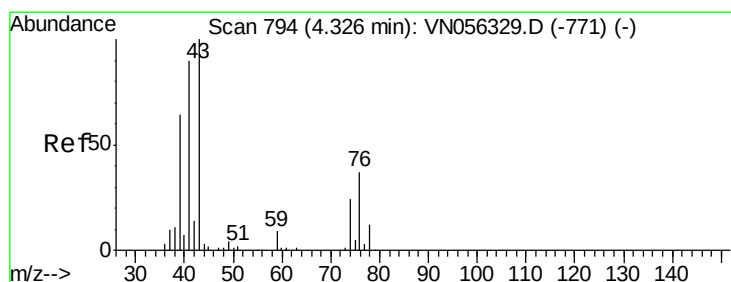
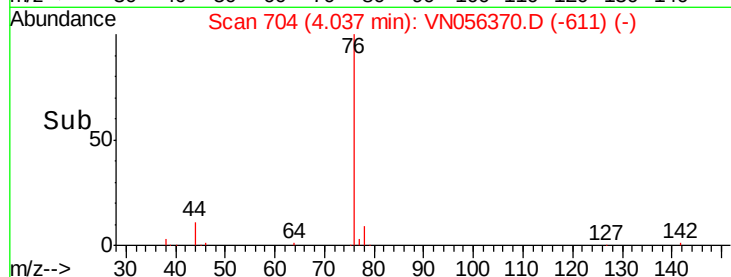
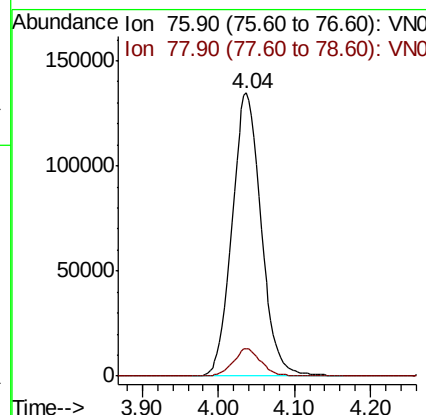
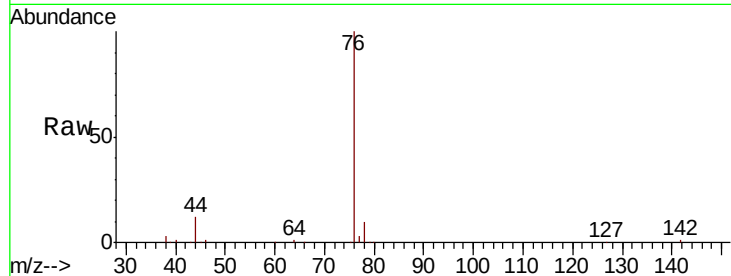




#17
Carbon Disulfide
Concen: 40.109 ug/l
RT: 4.04 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

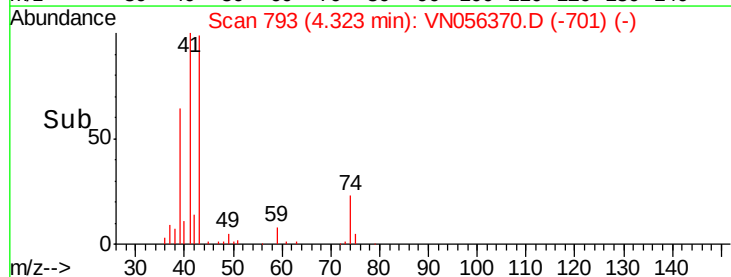
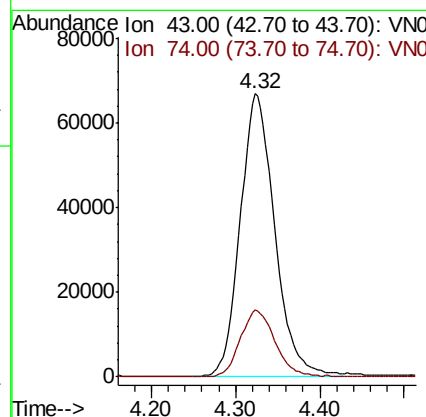
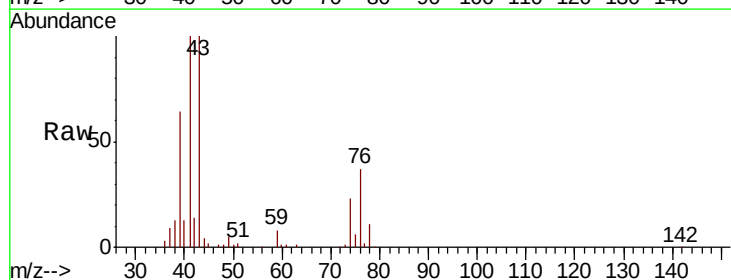
Instrument :
MSVOA_N
ClientSampled :

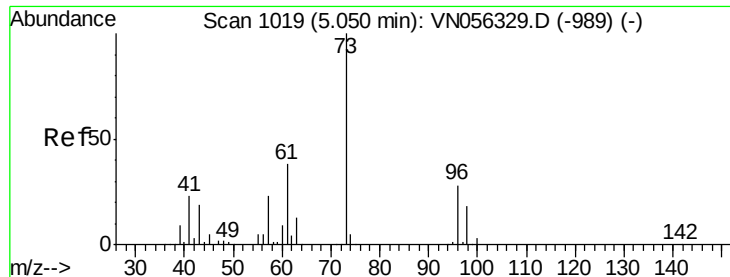
Tot Ion: 76 Resp: 358452
Ion Ratio Lower Upper
76 100
78 9.9 7.3 10.9



#18
Methyl Acetate
Concen: 48.453 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion: 43 Resp: 189072
Ion Ratio Lower Upper
43 100
74 23.8 19.4 29.2



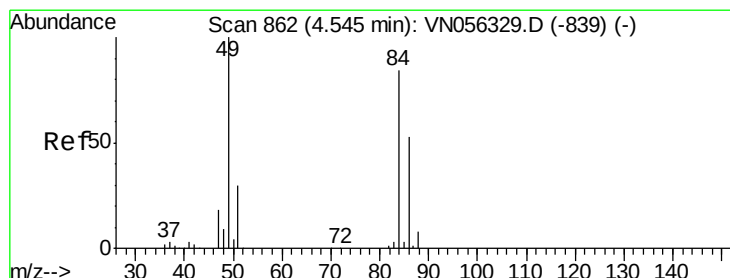
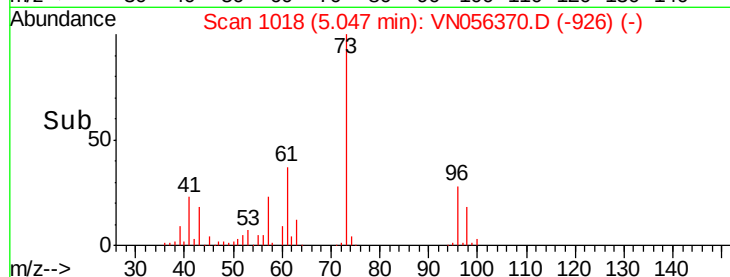
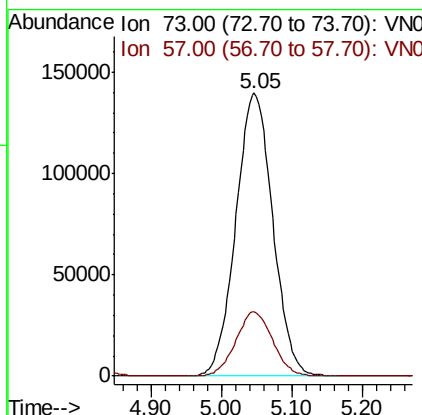
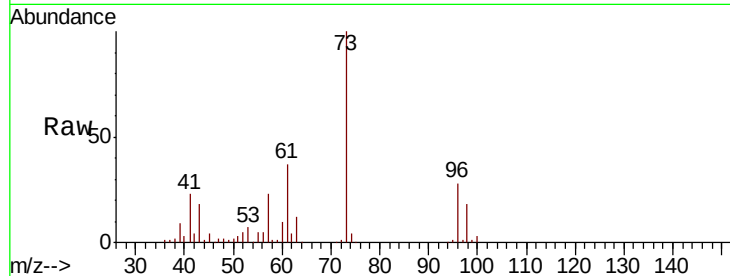


#19

Methvl tert-butyl Ether
 Concen: 50.107 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Instrument :
 MSVOA_N
 ClientSampleId :

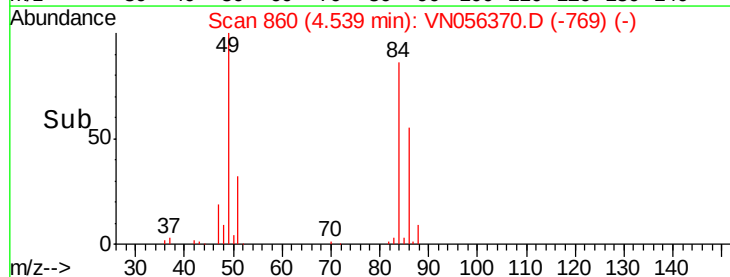
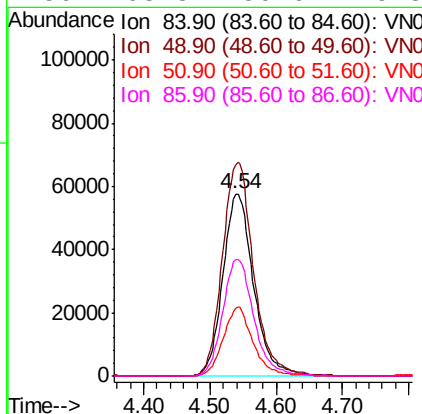
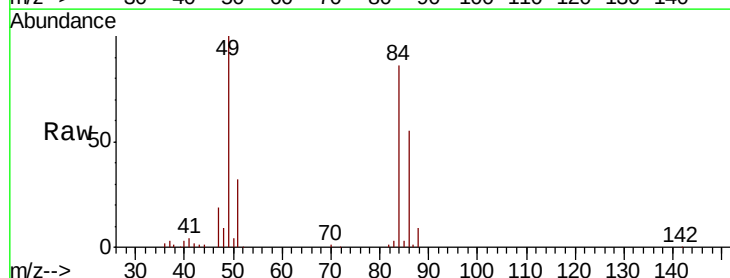
Tot Ion: 73 Resp: 510391
 Ion Ratio Lower Upper
 73 100
 57 22.6 18.1 27.1

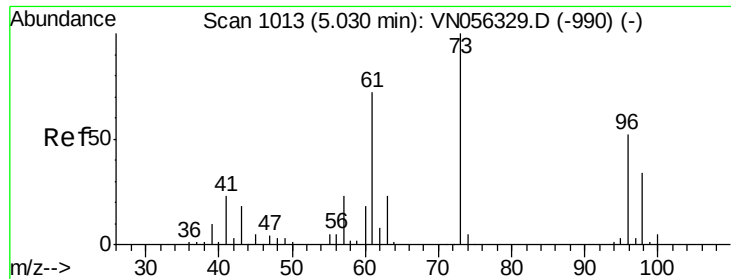


#20

Methylene Chloride
 Concen: 47.008 ug/l
 RT: 4.54 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Tgt Ion: 84 Resp: 185610
 Ion Ratio Lower Upper
 84 100
 49 115.7 95.0 142.6
 51 37.2 28.2 42.4
 86 63.8 50.6 75.8



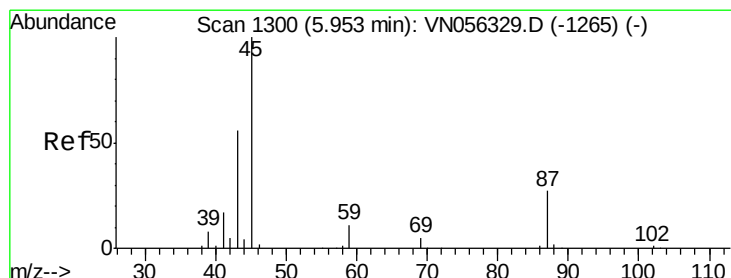
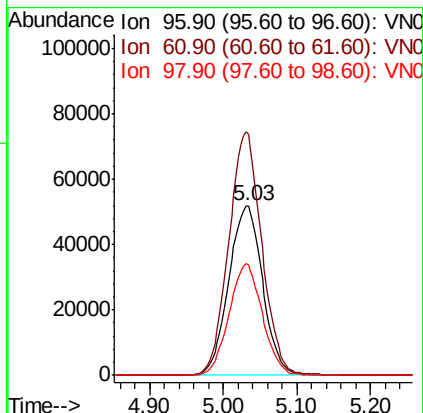
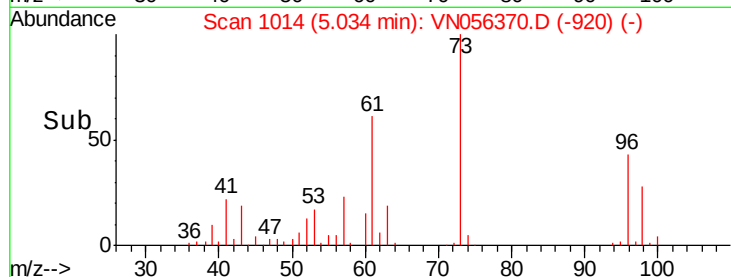
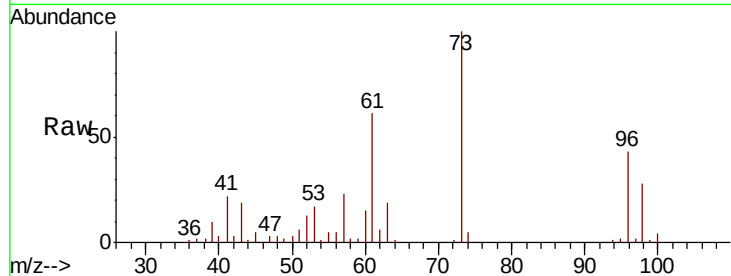


#21

trans-1,2-Dichloroethene
Concen: 46.732 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Instrument :
MSVOA_N
ClientSampled :

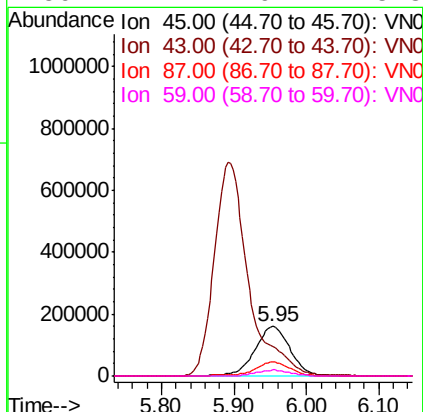
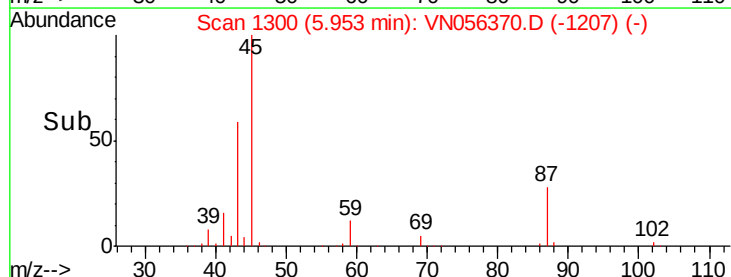
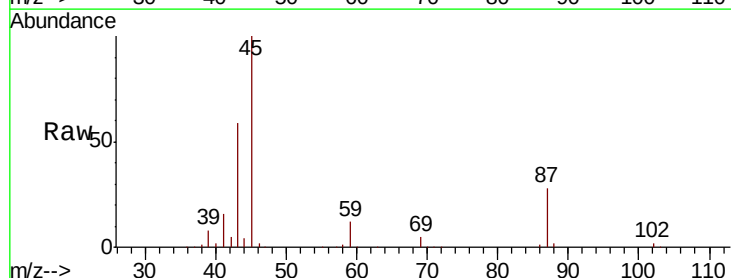
Tot Ion: 96 Resp: 166021
Ion Ratio Lower Upper
96 100
61 142.0 109.8 164.6
98 65.0 52.0 78.0

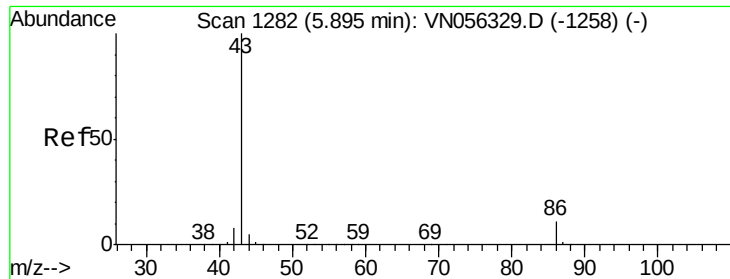


#22

Diisopropyl ether
Concen: 49.263 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion: 45 Resp: 542430
Ion Ratio Lower Upper
45 100
43 57.5 47.0 70.6
87 28.1 22.4 33.6
59 11.7 9.2 13.8





#23

Vinyl Acetate

Concen: 253.530 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

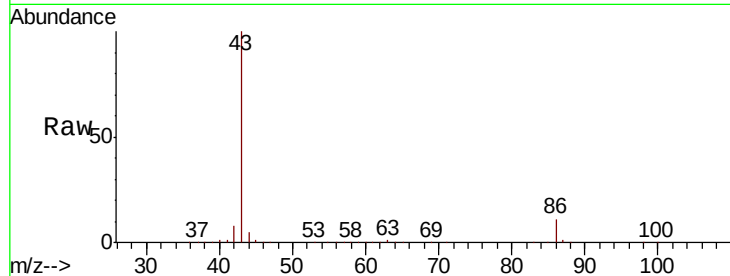
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 2271193

Ion Ratio Lower Upper

43 100

86 10.6 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN056370.D (-1189) (-)

Ion 86.00 (85.70 to 86.70): VN056370.D (-1189) (-)

5.89

800000

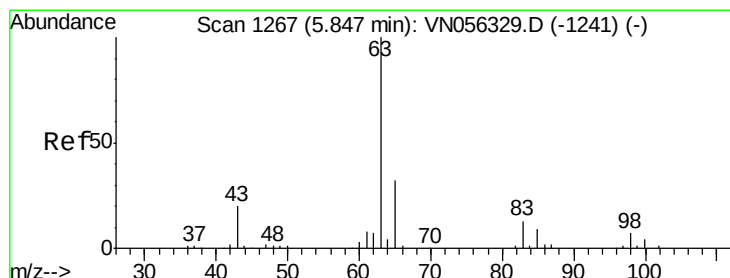
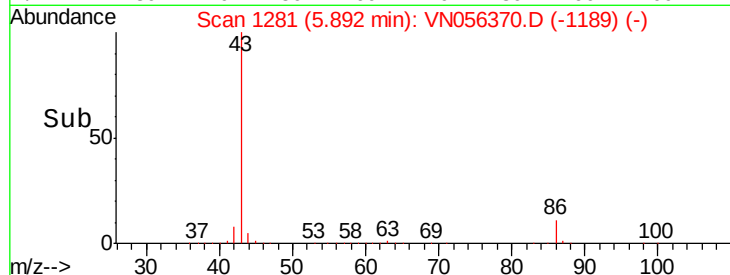
600000

400000

200000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 48.204 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

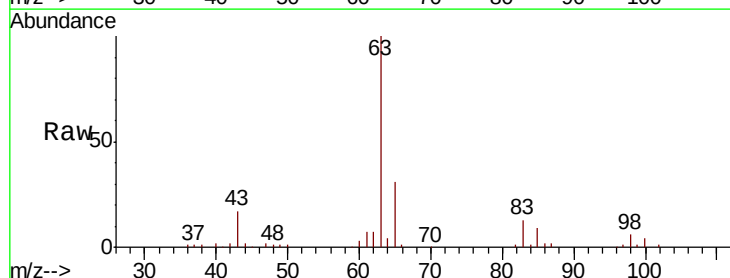
Tgt Ion: 63 Resp: 311180

Ion Ratio Lower Upper

63 100

98 6.3 3.3 9.8

100 4.2 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN056370.D (-1174) (-)

Ion 97.90 (97.60 to 98.60): VN056370.D (-1174) (-)

Ion 99.90 (99.60 to 100.60): VN056370.D (-1174) (-)

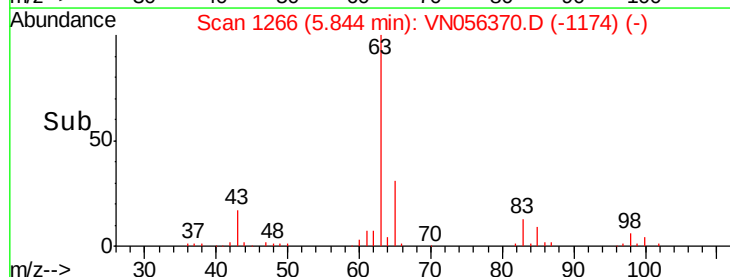
5.84

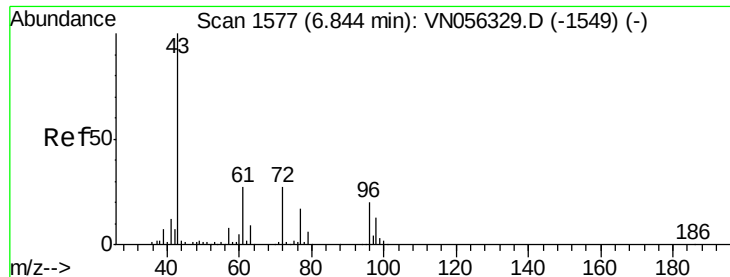
100000

50000

0

Time--> 5.70 5.80 5.90 6.00

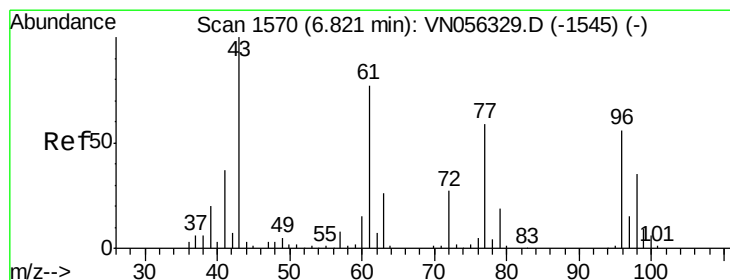
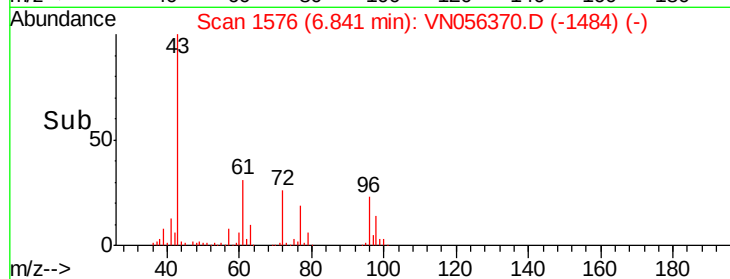
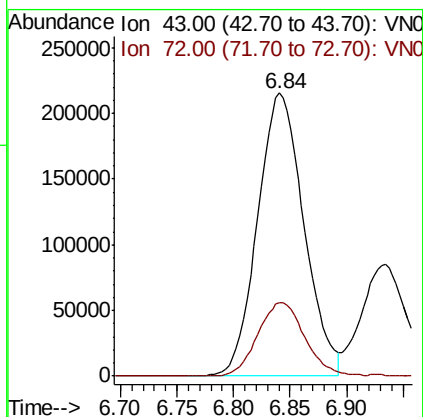
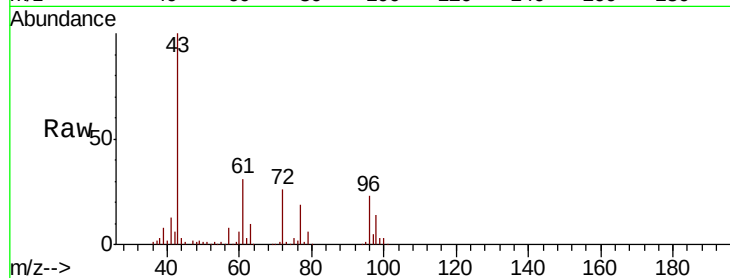




#25
2-Butanone
Concen: 224.872 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

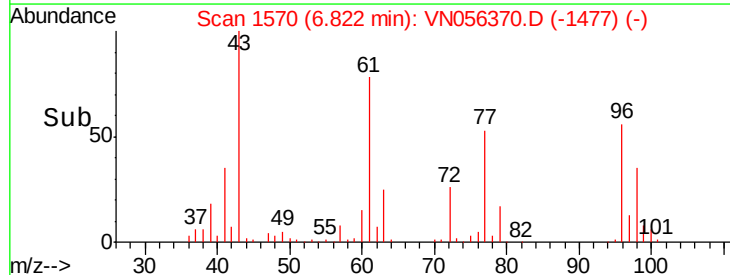
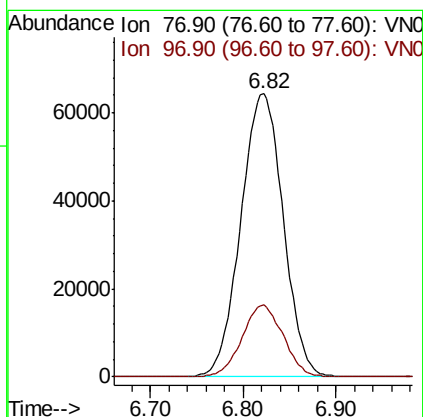
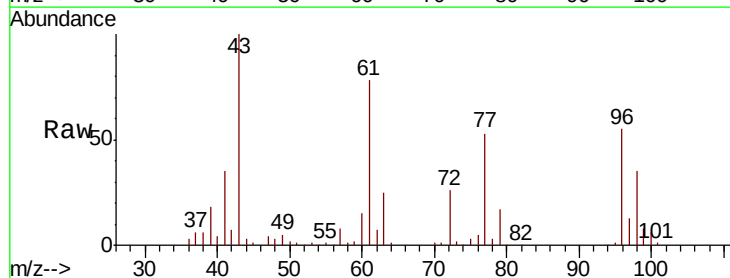
Instrument :
MSVOA_N
ClientSampled :

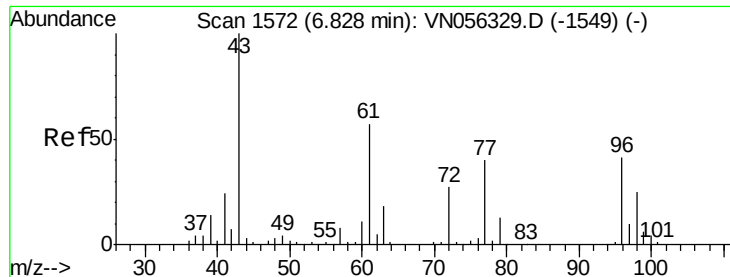
Tot Ion: 43 Resp: 609472
Ion Ratio Lower Upper
43 100
72 26.1 21.4 32.2



#26
2,2-Dichloropropane
Concen: 43.957 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion: 77 Resp: 205196
Ion Ratio Lower Upper
77 100
97 24.6 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 48.228 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Instrument :
MSVOA_N
ClientSampled :

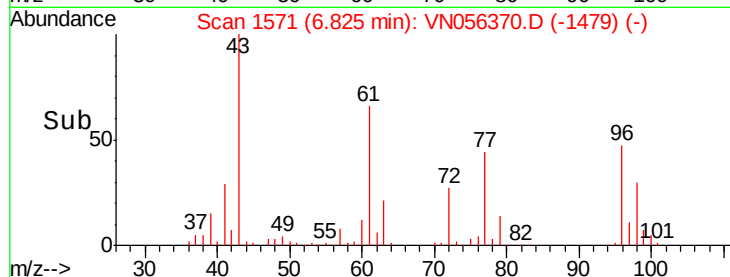
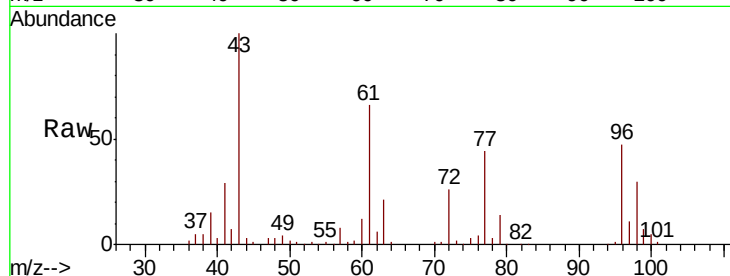
Tot Ion: 96 Resp: 198448

Ion Ratio Lower Upper

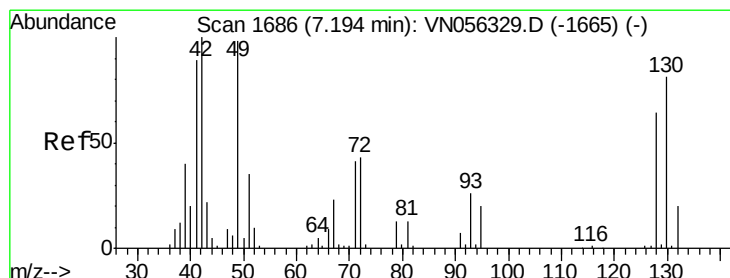
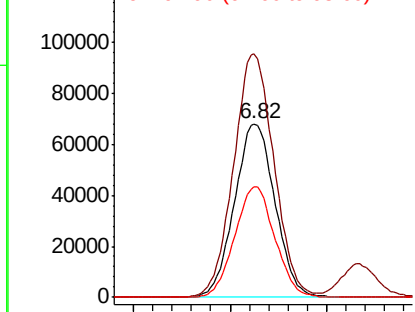
96 100

61 139.7 0.0 278.6

98 63.1 0.0 127.0



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



#28

Bromochloromethane

Concen: 49.991 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

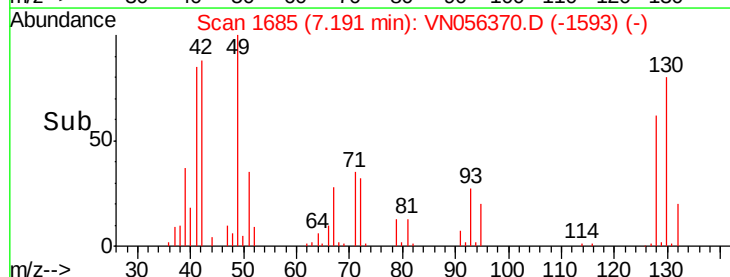
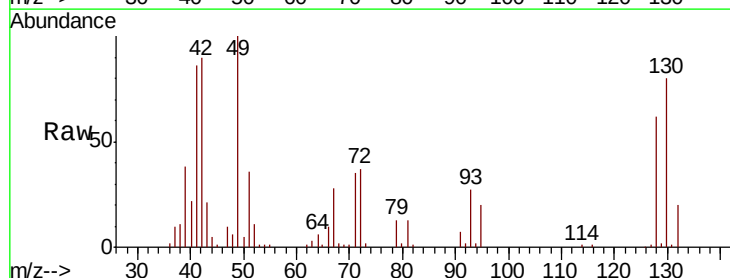
Tgt Ion: 49 Resp: 161606

Ion Ratio Lower Upper

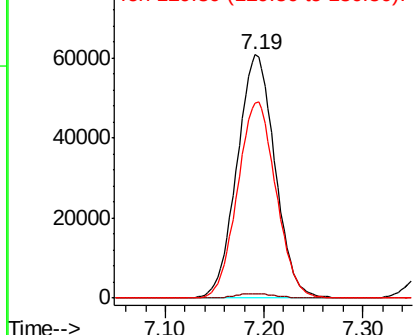
49 100

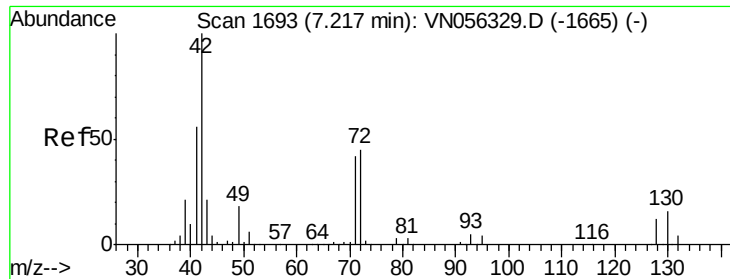
129 1.9 0.0 4.4

130 81.7 66.4 99.6



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

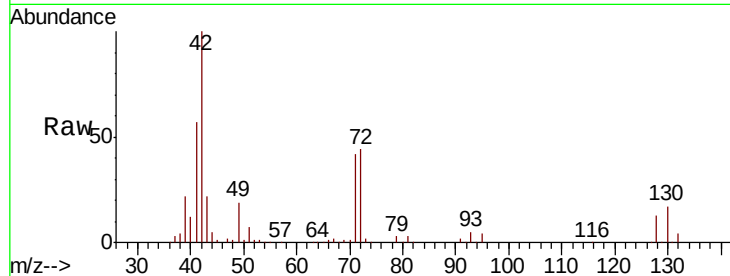




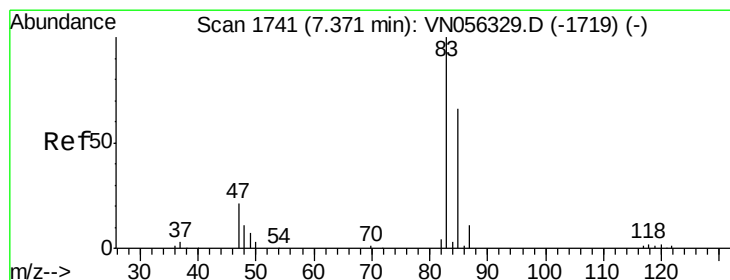
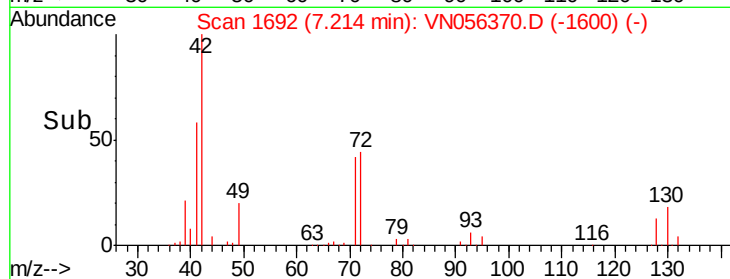
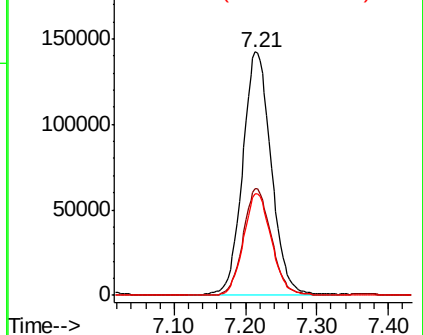
#29
Tetrahydrofuran
Concen: 247.365 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 398239
Ion Ratio Lower Upper
42 100
72 43.2 35.3 52.9
71 40.7 32.7 49.1

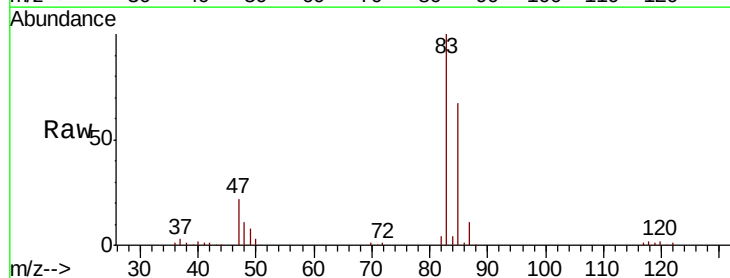


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

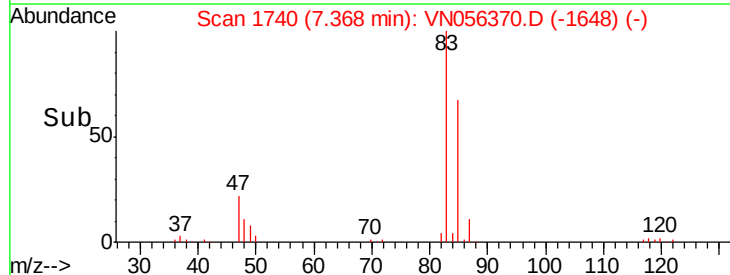
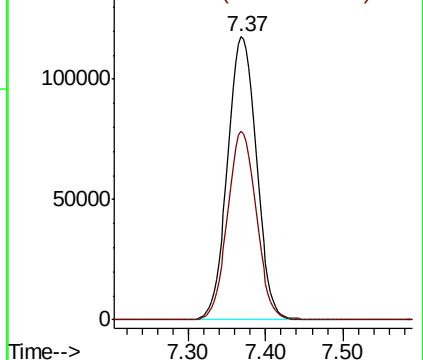


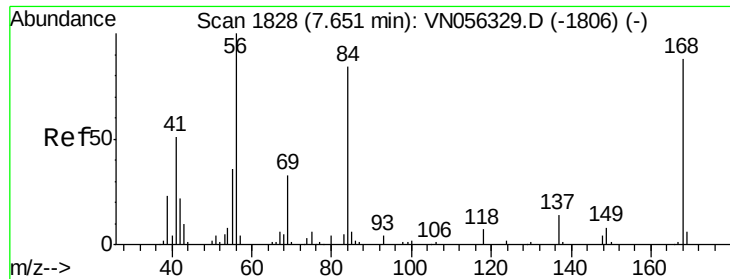
#30
Chloroform
Concen: 47.593 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion: 83 Resp: 306050
Ion Ratio Lower Upper
83 100
85 66.7 52.6 78.8



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

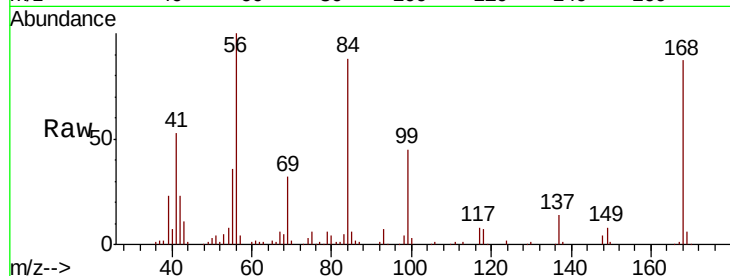




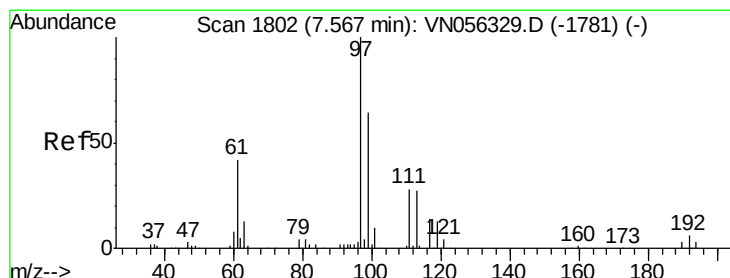
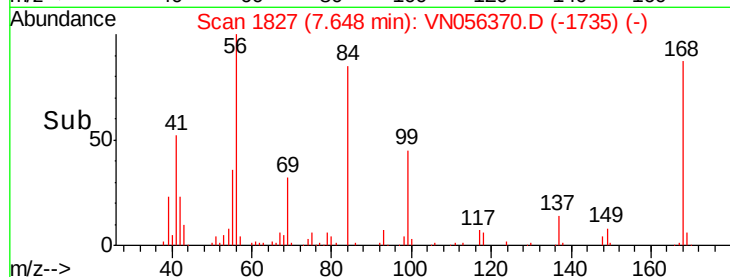
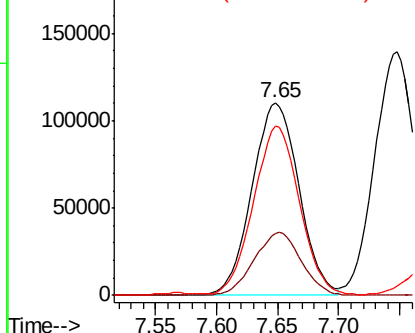
#31
Cyclohexane
Concen: 47.289 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 294942
Ion Ratio Lower Upper
56 100
69 32.3 26.0 39.0
84 86.9 67.4 101.0

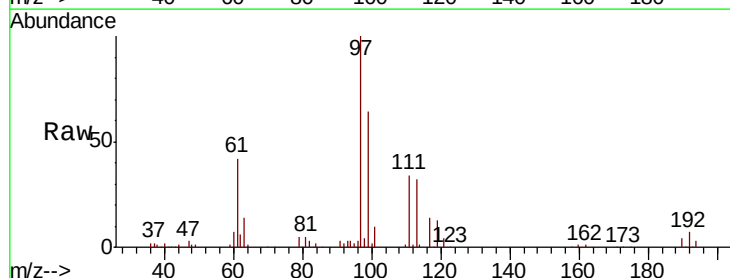


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

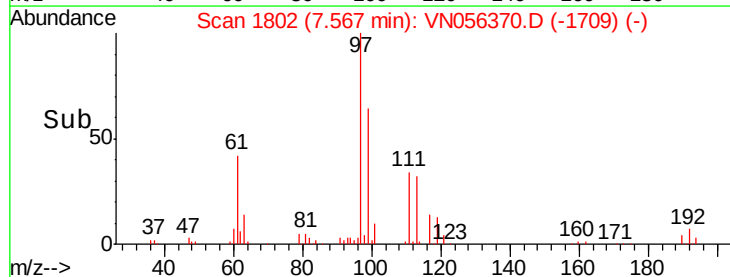
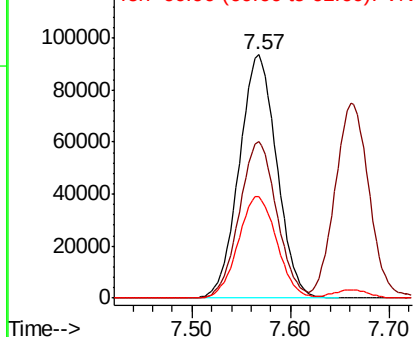


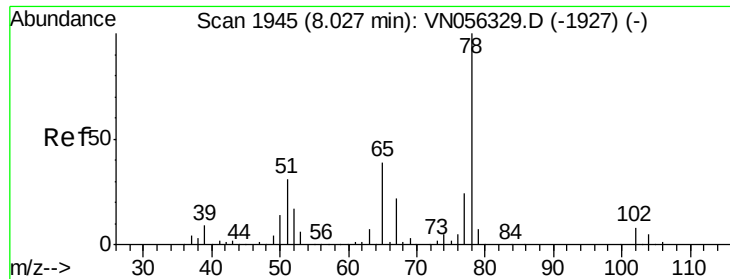
#32
1,1,1-Trichloroethane
Concen: 46.287 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion: 97 Resp: 246551
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.0
61 42.9 34.4 51.6



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

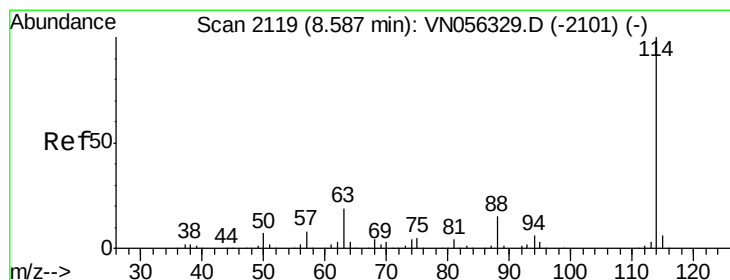
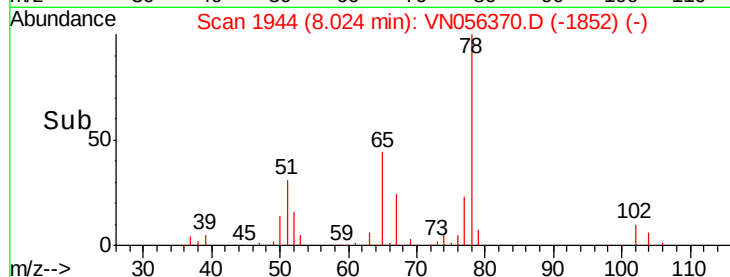
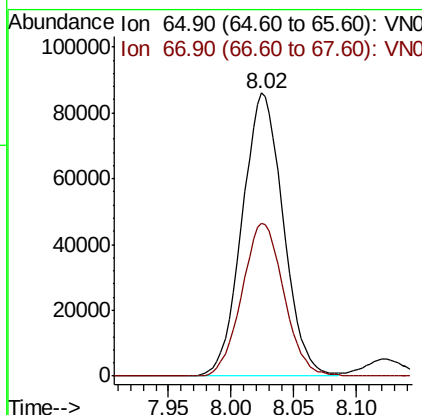
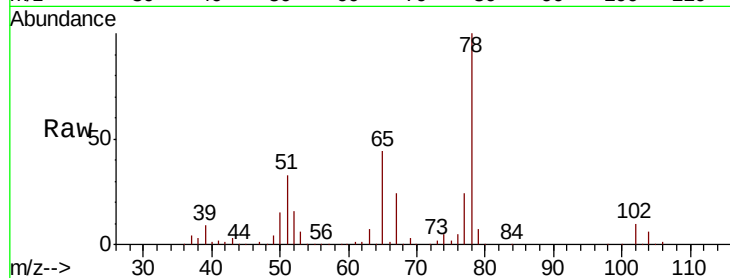




#33
 1,2-Dichloroethane-d4
 Concen: 48.532 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

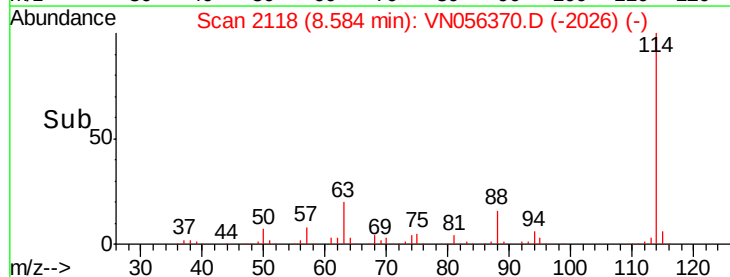
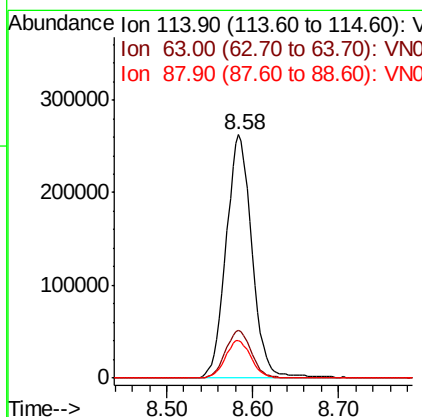
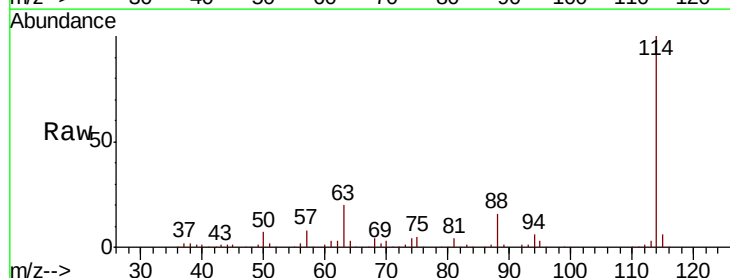
Instrument :
 MSVOA_N
 ClientSampled :

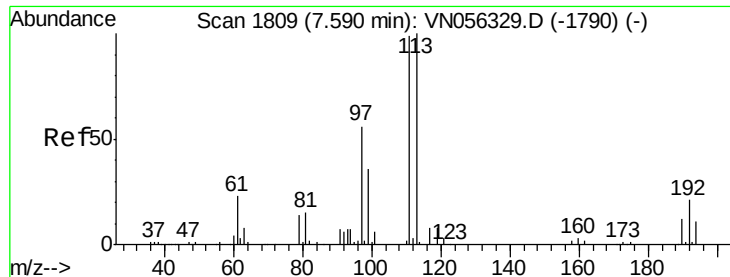
Tot Ion: 65 Resp: 196397
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Tgt Ion: 114 Resp: 548041
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.8
 88 15.6 0.0 30.6

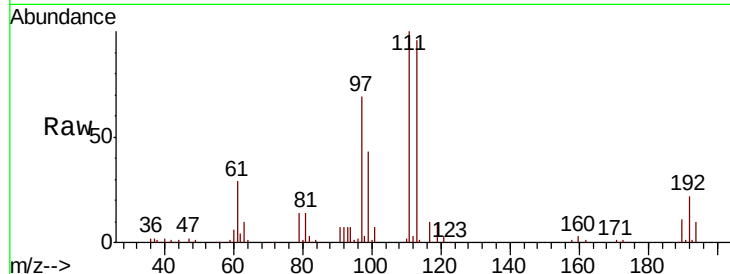




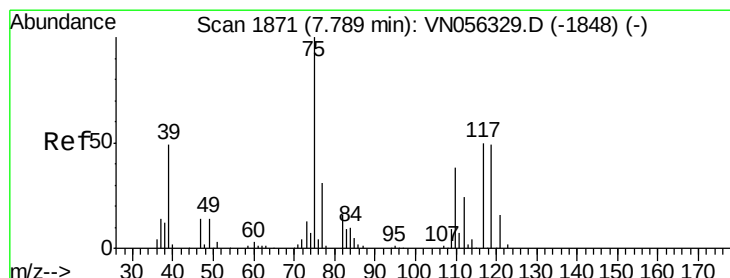
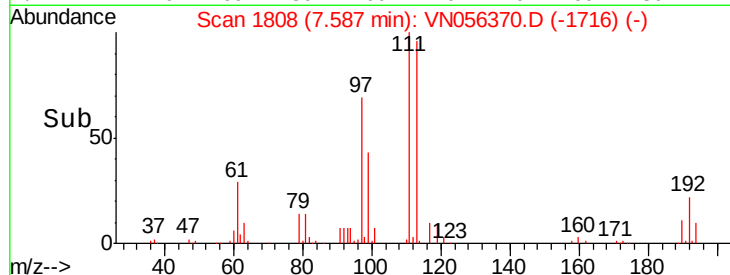
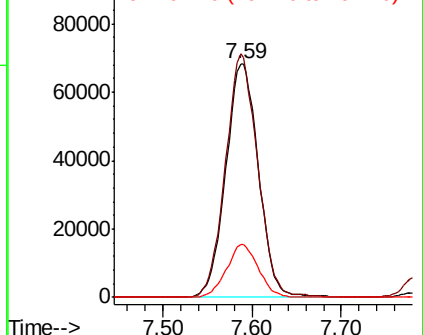
#35
 Dibromofluoromethane
 Concen: 49.385 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:113 Resp: 173562
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.1 123.1
 192 22.0 17.6 26.4

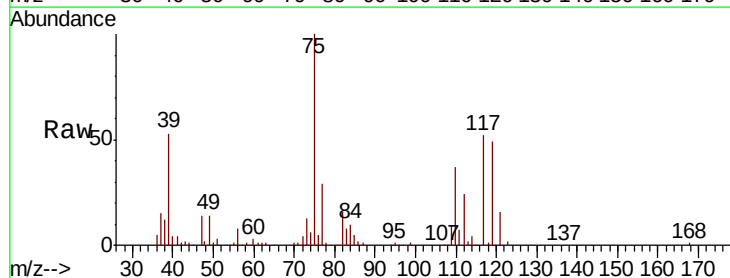


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

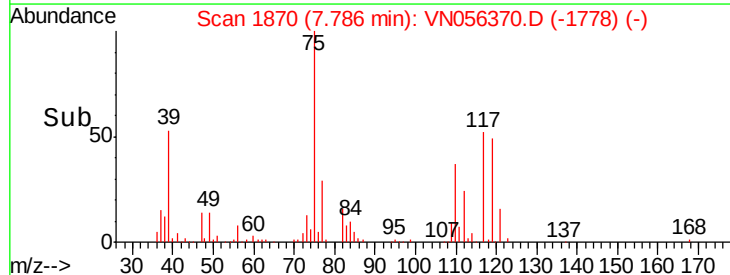
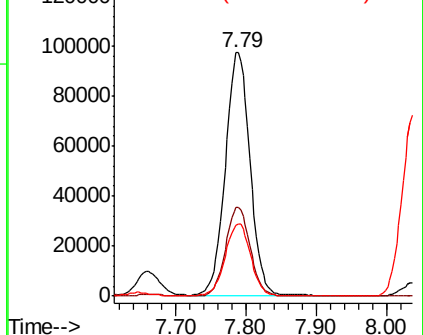


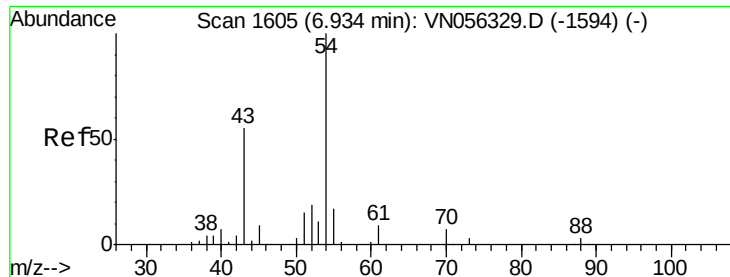
#36
 1,1-Dichloropropene
 Concen: 48.874 ug/l
 RT: 7.79 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Tgt Ion: 75 Resp: 241032
 Ion Ratio Lower Upper
 75 100
 110 35.8 18.6 56.0
 77 30.5 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

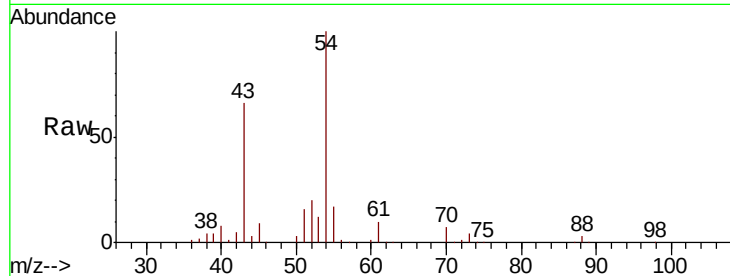




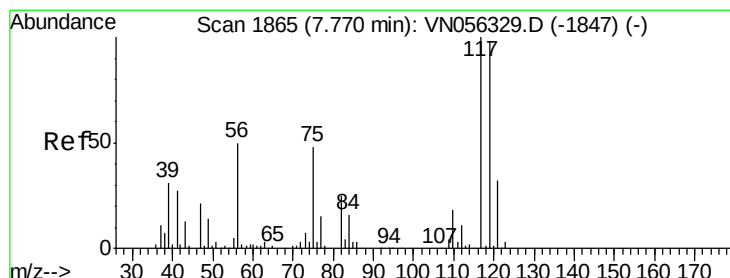
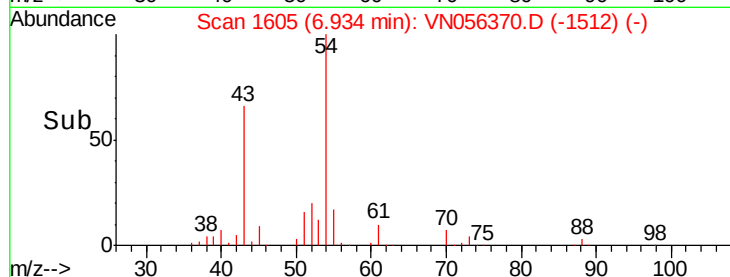
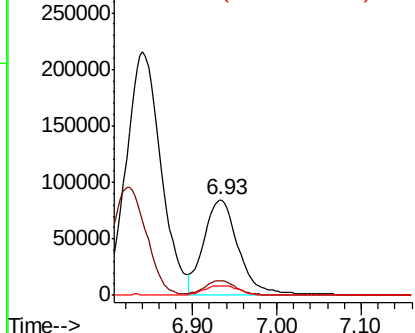
#37
Ethyl Acetate
Concen: 51.097 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 238811
Ion Ratio Lower Upper
43 100
61 14.1 11.7 17.5
70 10.6 8.3 12.5

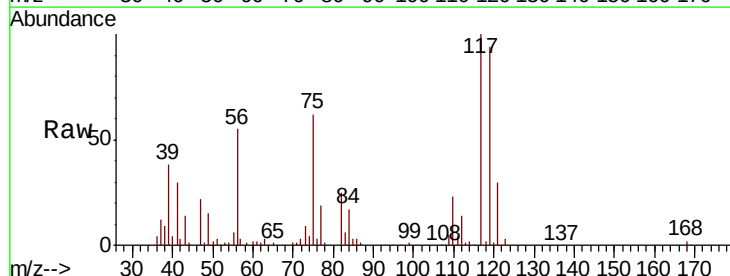


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

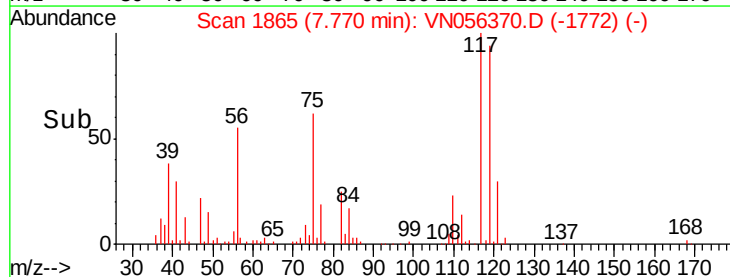
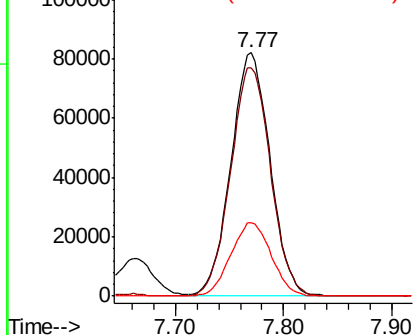


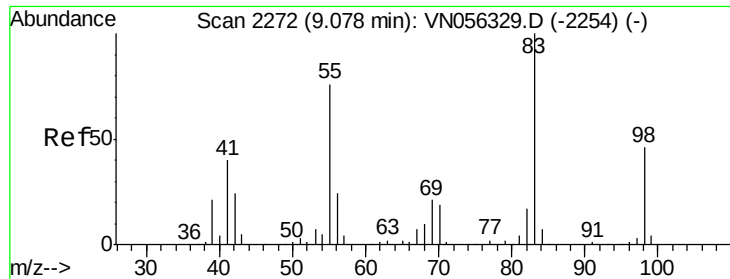
#38
Carbon Tetrachloride
Concen: 43.892 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion: 117 Resp: 207763
Ion Ratio Lower Upper
117 100
119 93.9 77.8 116.8
121 30.3 25.3 37.9



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

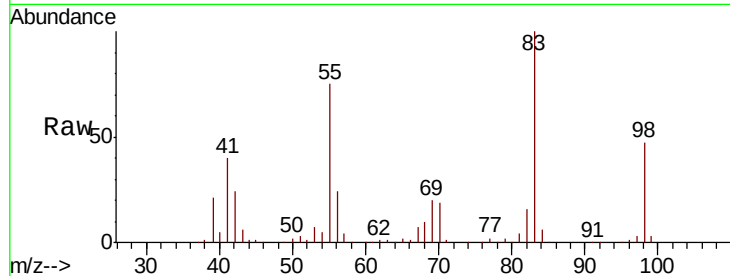




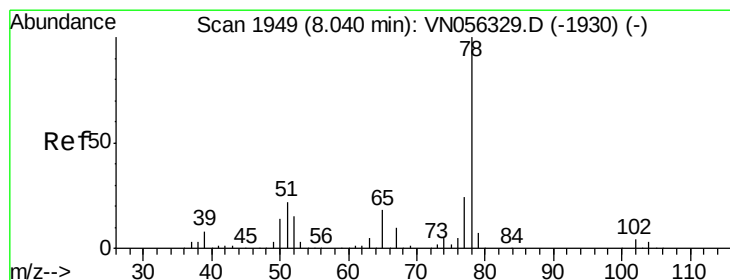
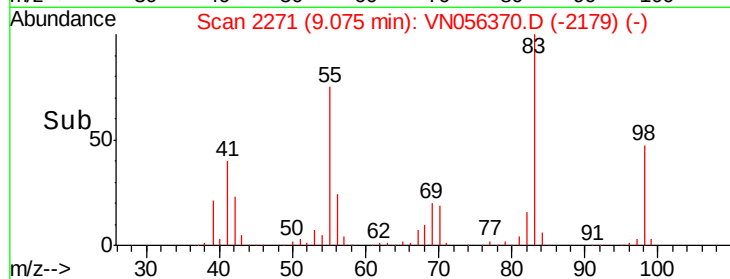
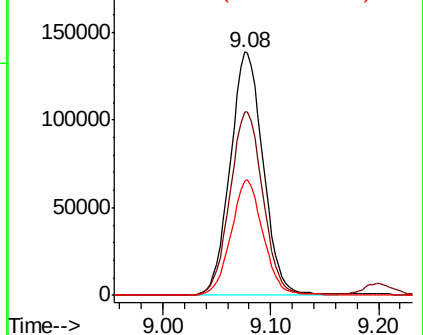
#39
Methylvlcyclohexane
Concen: 49.200 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 295964
Ion Ratio Lower Upper
83 100
55 75.2 60.8 91.2
98 46.8 36.8 55.2

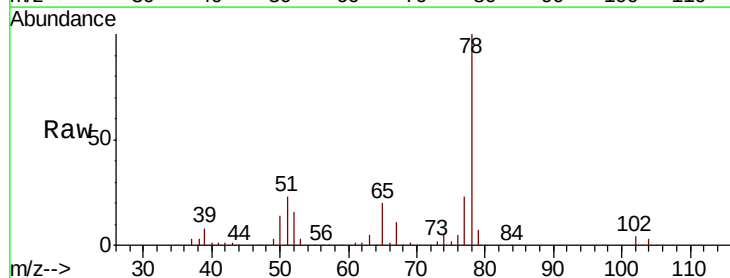


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

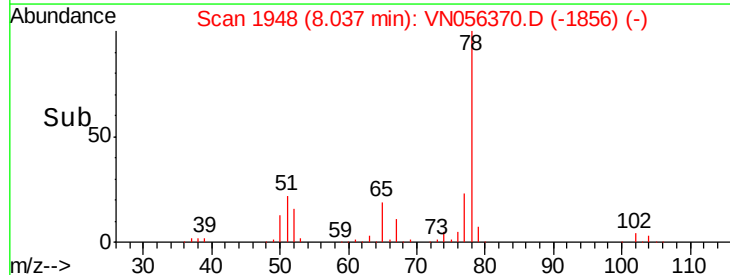
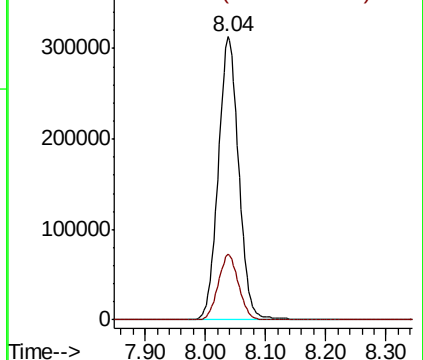


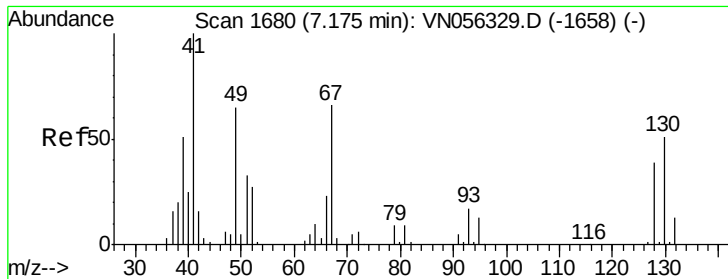
#40
Benzene
Concen: 48.666 ug/l
RT: 8.04 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion: 78 Resp: 728051
Ion Ratio Lower Upper
78 100
77 23.1 19.2 28.8



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

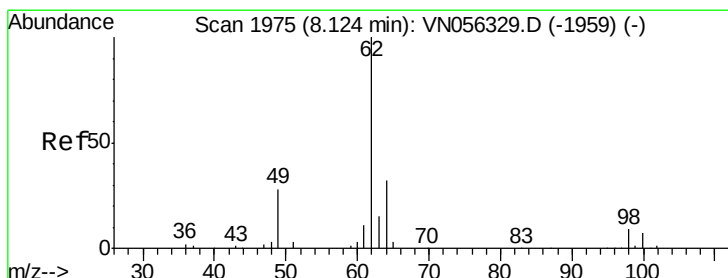
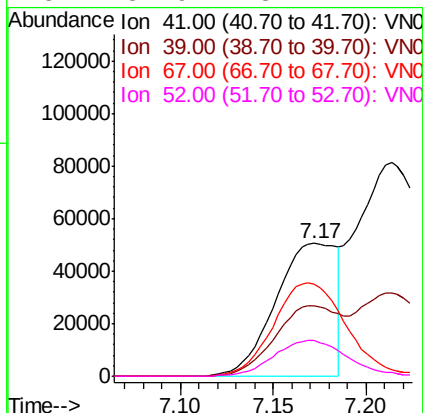
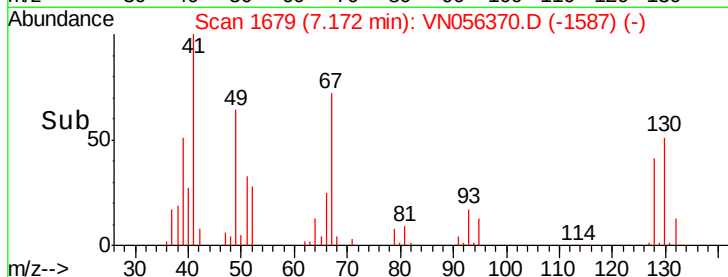
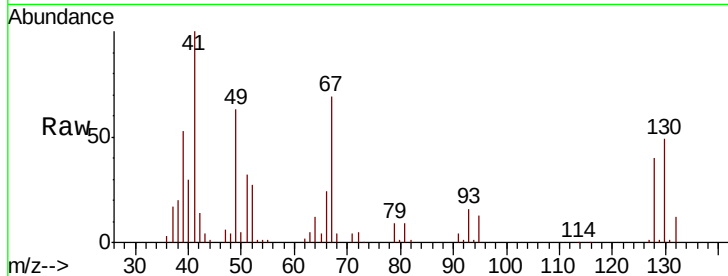




#41
Methacrylonitrile
Concen: 54.037 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

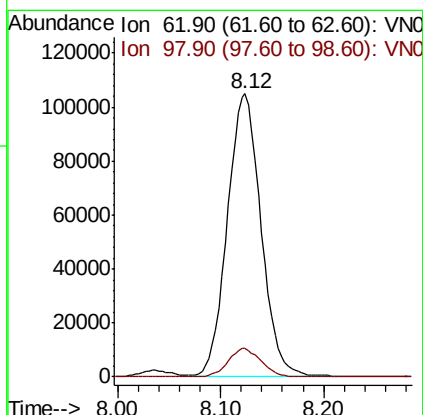
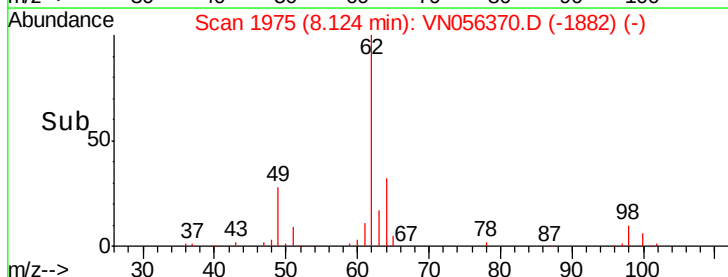
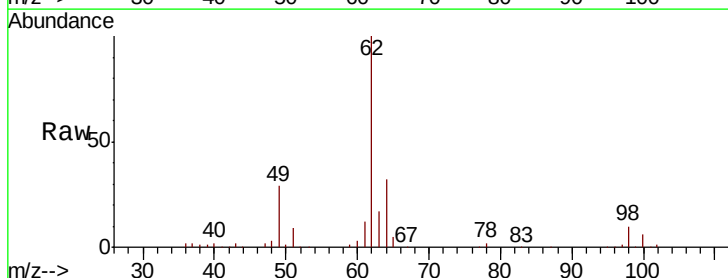
Instrument :
MSVOA_N
ClientSampled :

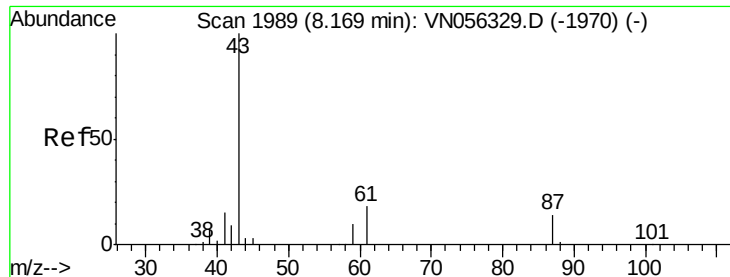
Tot Ion: 41 Resp: 115968
Ion Ratio Lower Upper
41 100
39 56.1 44.5 66.7
67 84.2 69.0 103.4
52 32.9 28.1 42.1



#42
1,2-Dichloroethane
Concen: 48.393 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion: 62 Resp: 237424
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.4





#43

Isopropyl Acetate

Concen: 48.912 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

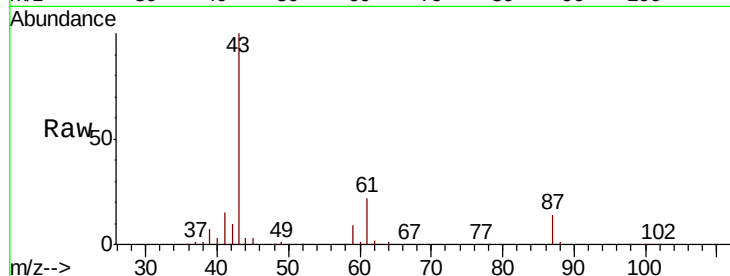
Tot Ion: 43 Resp: 365677

Ion Ratio Lower Upper

43 100

61 21.3 16.6 25.0

87 13.9 11.0 16.4

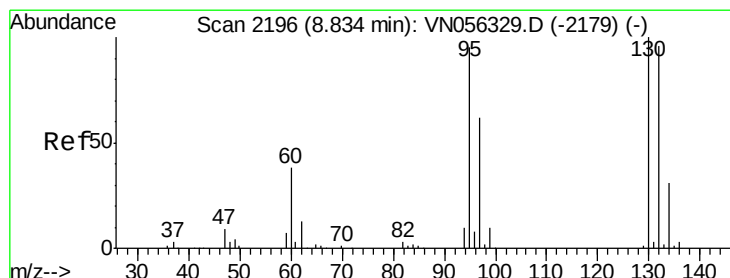
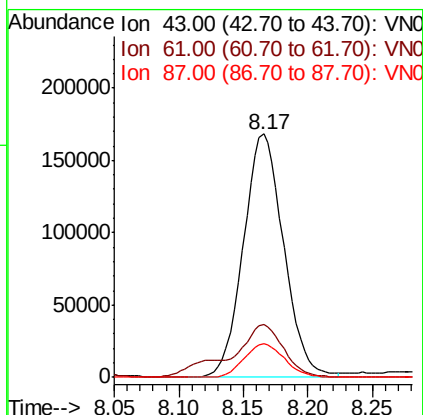
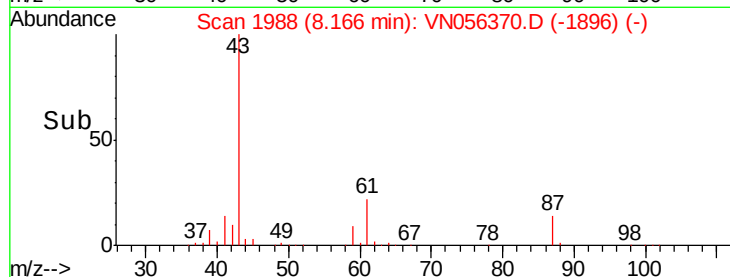


Abundance Ion 43.00 (42.70 to 43.70): VN056329.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN056329.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN056329.D (-1970) (-)

Time--> 8.05 8.10 8.15 8.20 8.25



#44

Trichloroethene

Concen: 48.304 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056370.D

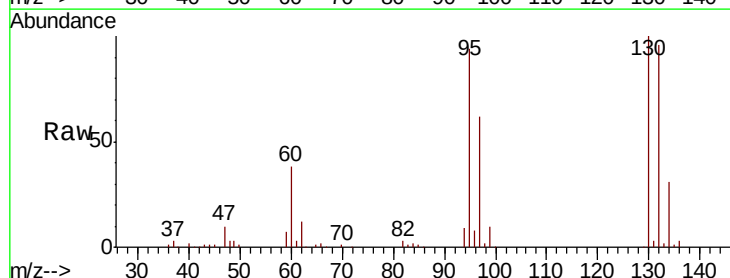
Acq: 18 Jun 2019 17:01

Tgt Ion:130 Resp: 196517

Ion Ratio Lower Upper

130 100

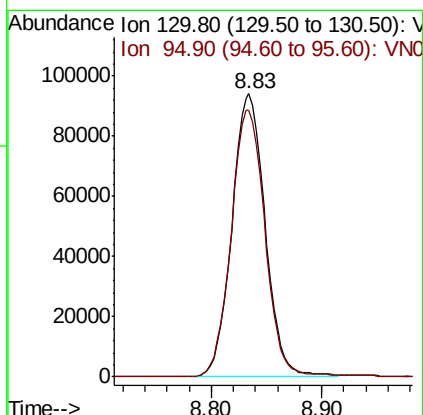
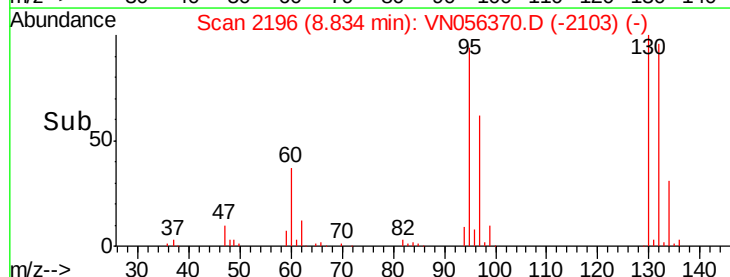
95 94.3 0.0 190.4

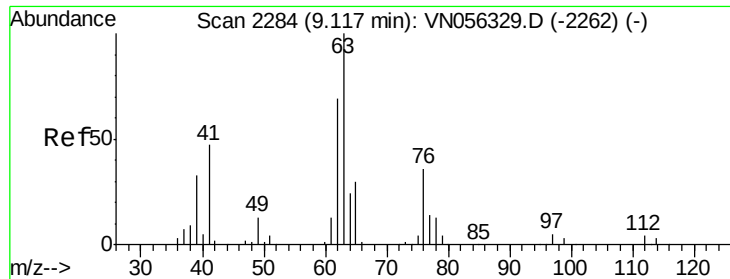


Abundance Ion 129.80 (129.50 to 130.50): VN056329.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN056329.D (-2179) (-)

Time--> 8.80 8.90

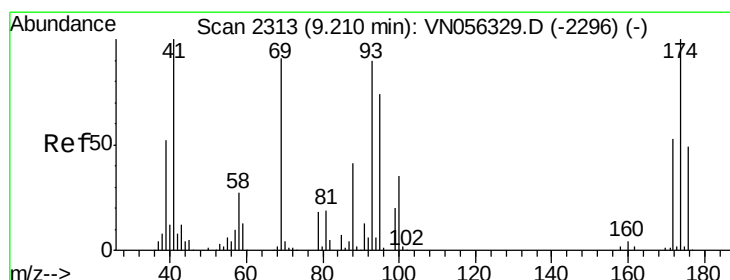
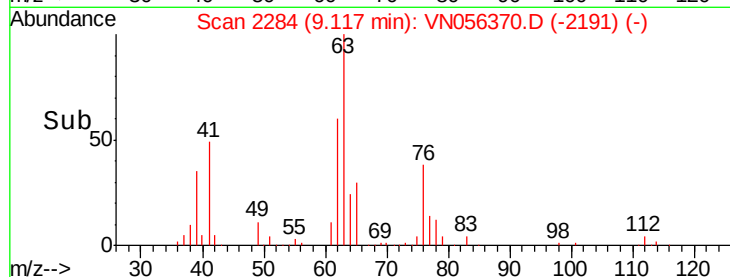
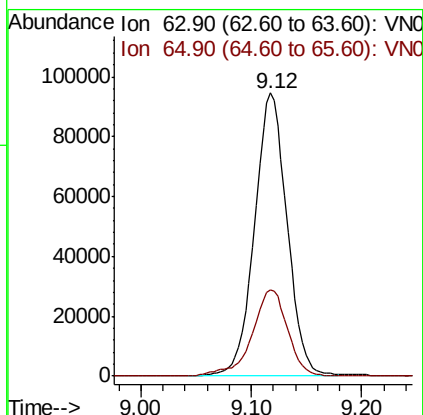
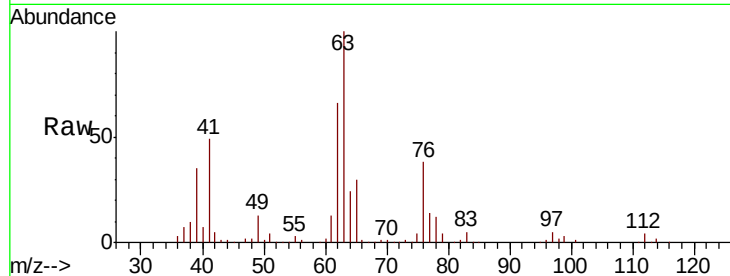




#45
 1,2-Dichloropropane
 Concen: 49.055 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

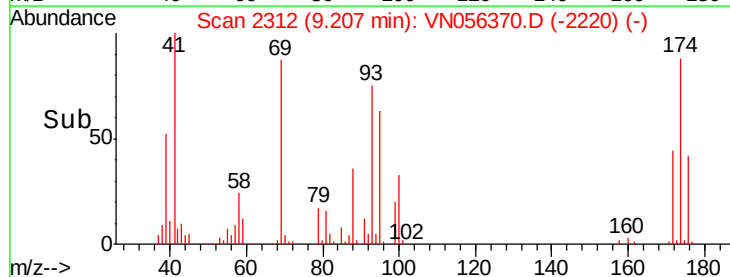
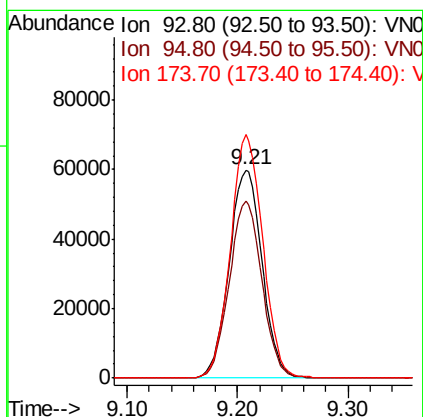
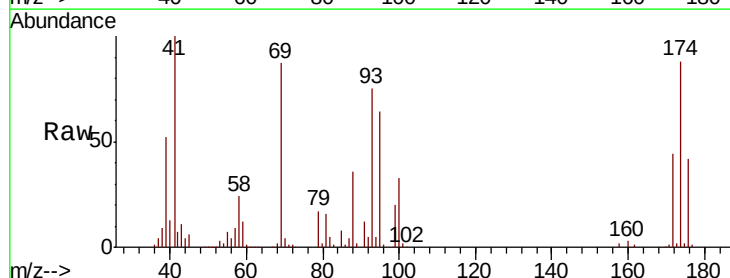
Instrument :
 MSVOA_N
 ClientSampled :

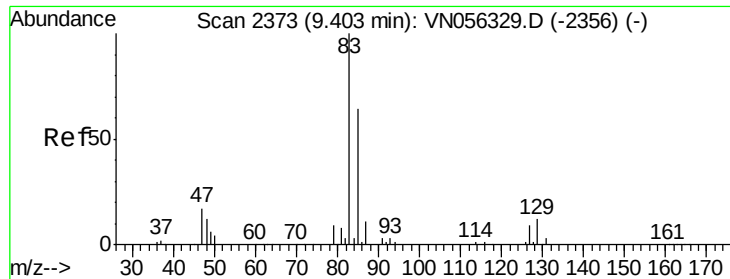
Tot Ion: 63 Resp: 193954
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.4 36.6



#46
 Dibromomethane
 Concen: 47.314 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Tgt Ion: 93 Resp: 124315
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.2 100.8
 174 114.3 90.3 135.5

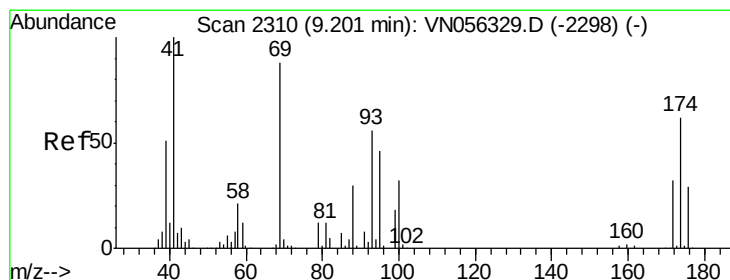
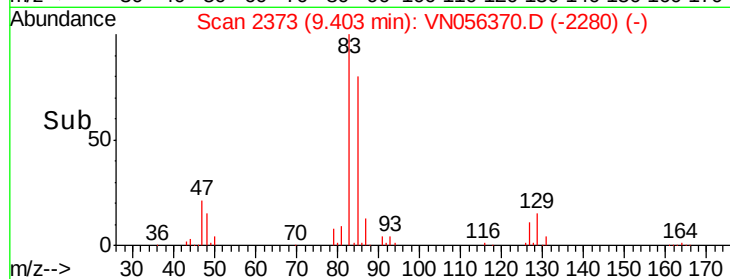
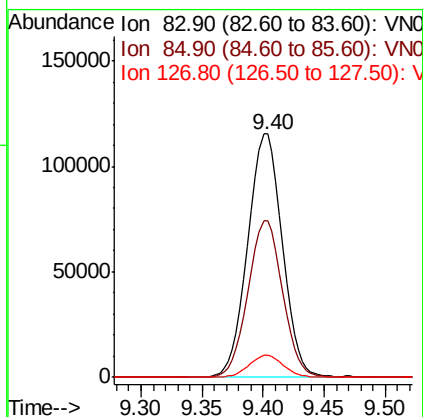
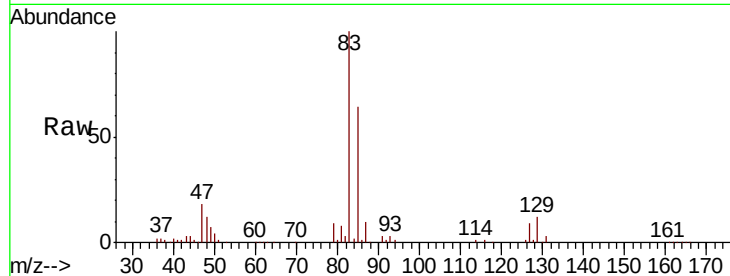




#47
Bromodichloromethane
Concen: 45.005 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

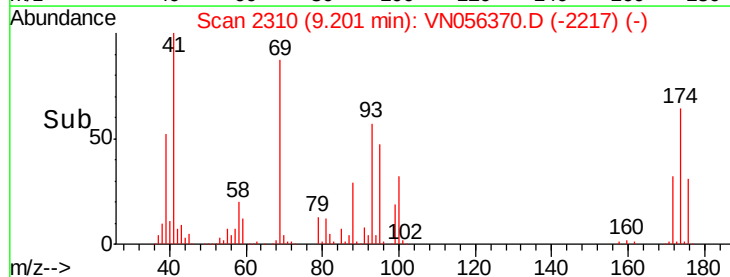
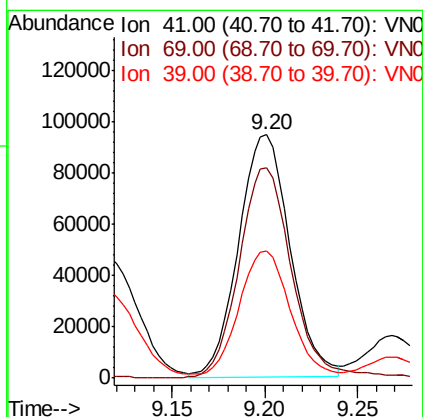
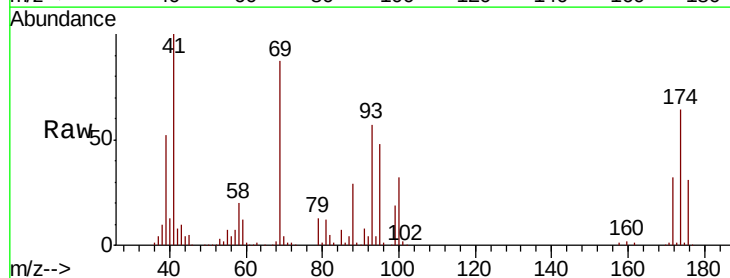
Instrument :
MSVOA_N
ClientSampleId :

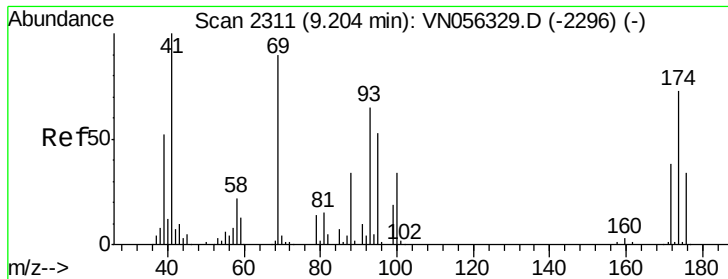
Tot Ion	83	Resp	225911
Ion Ratio	Lower	Upper	
83	100		
85	64.5	51.1	76.7
127	9.0	7.1	10.7



#48
Methyl methacrylate
Concen: 48.711 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion	41	Resp	183736
Ion Ratio	Lower	Upper	
41	100		
69	88.3	71.0	106.6
39	52.4	41.7	62.5





#49

1,4-Dioxane

Concen: 955.554 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

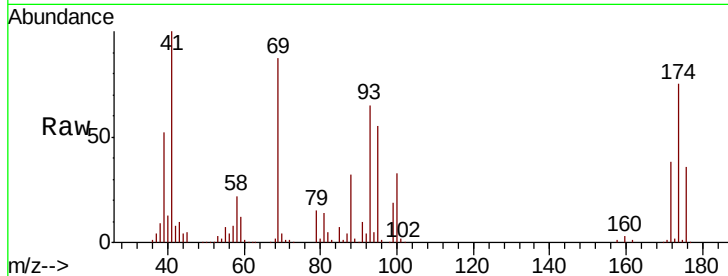
Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 72709

Ion	Ratio	Lower	Upper
88	100		
43	26.5	21.9	32.9
58	64.6	57.3	85.9

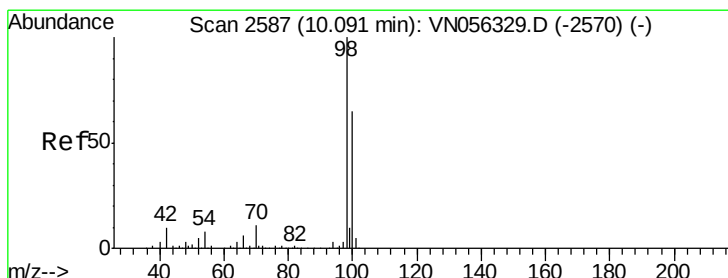
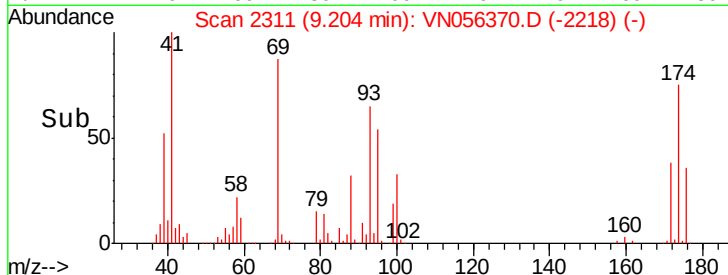
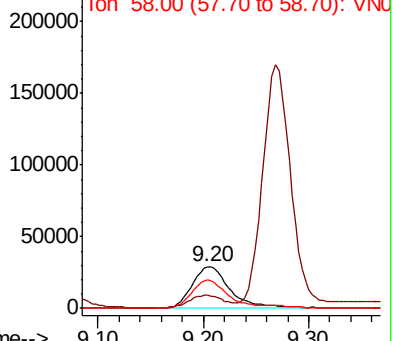


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 49.896 ug/l

RT: 10.09 min Scan# 2586

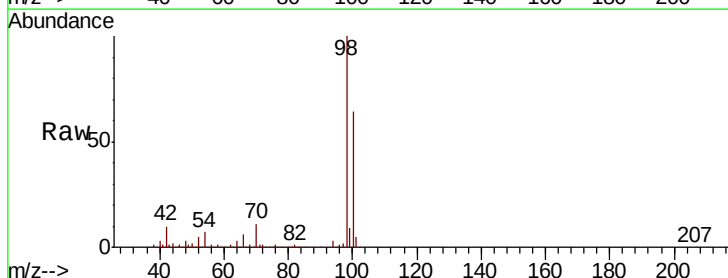
Delta R.T. -0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Tgt Ion: 98 Resp: 669911

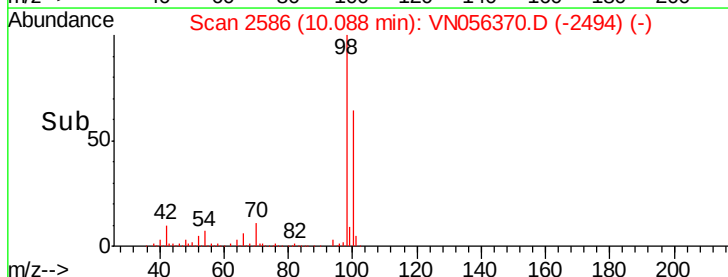
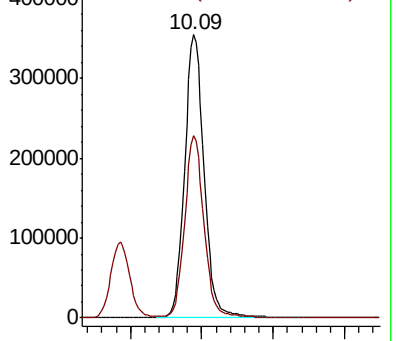
Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.6	77.4

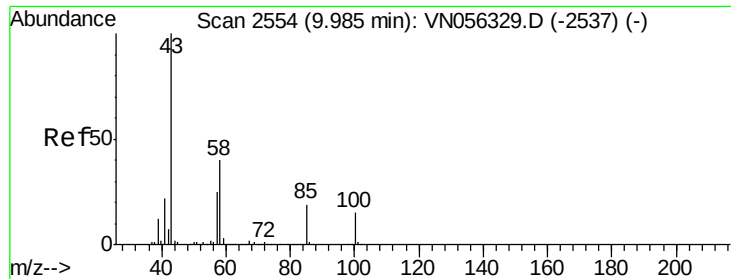


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

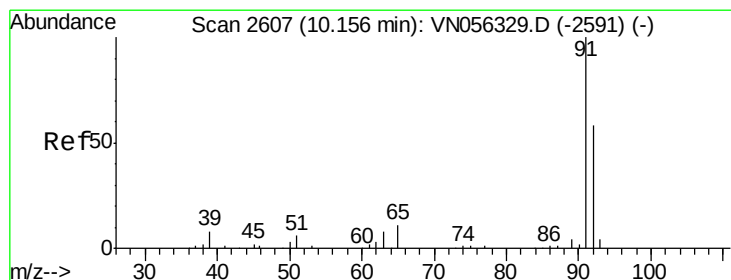
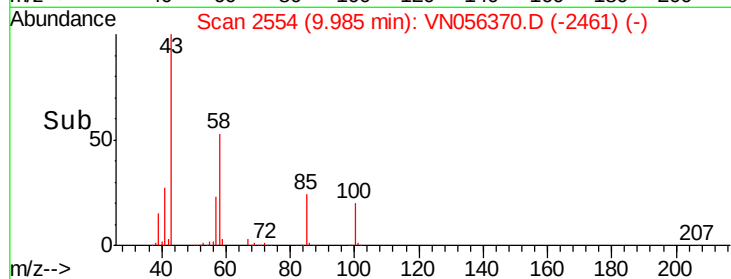
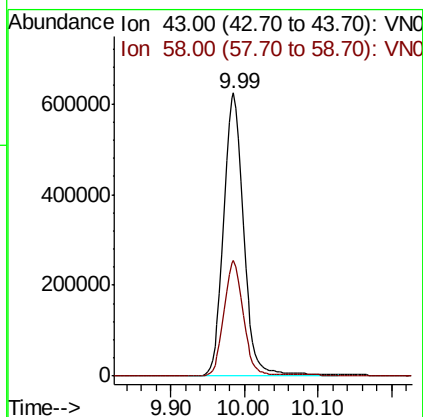
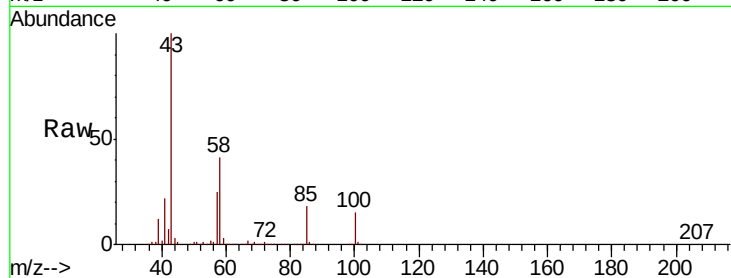




#51
 4-Methyl-2-Pentanone
 Concen: 247.798 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

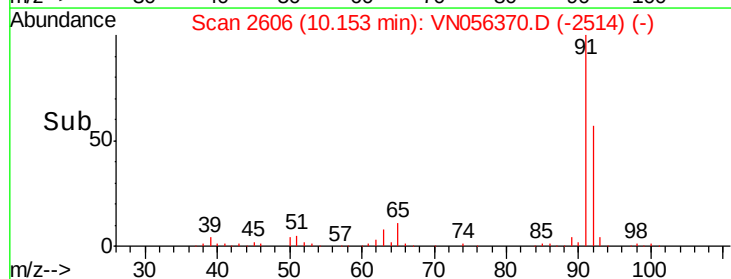
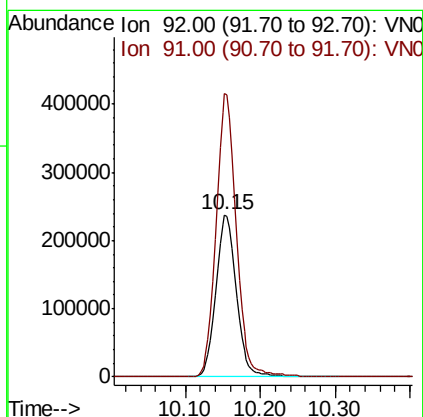
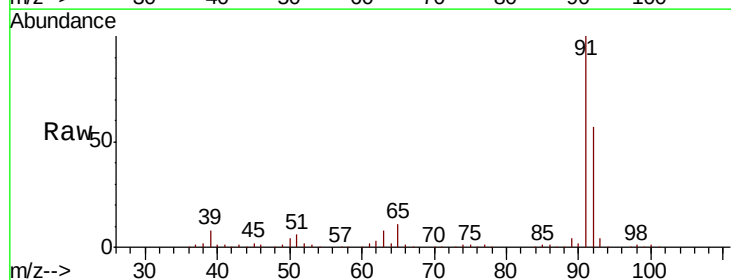
Instrument :
 MSVOA_N
 ClientSampleId :

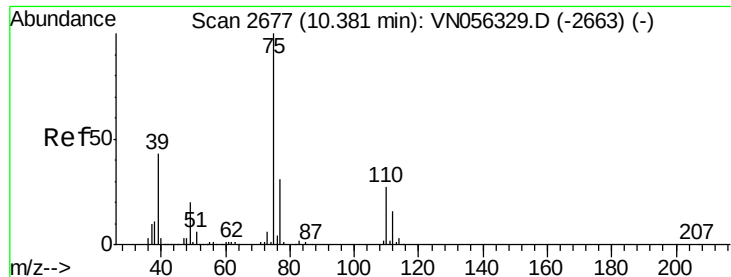
Tot Ion: 43 Resp: 1180735
 Ion Ratio Lower Upper
 43 100
 58 39.8 31.8 47.6



#52
 Toluene
 Concen: 49.612 ug/l
 RT: 10.15 min Scan# 2606
 Delta R.T. -0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Tgt Ion: 92 Resp: 453022
 Ion Ratio Lower Upper
 92 100
 91 172.9 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 47.044 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Instrument :

MSVOA_N

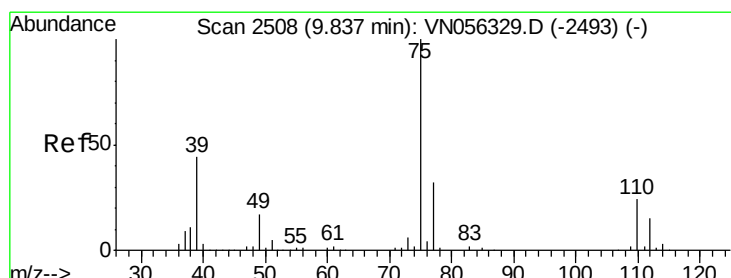
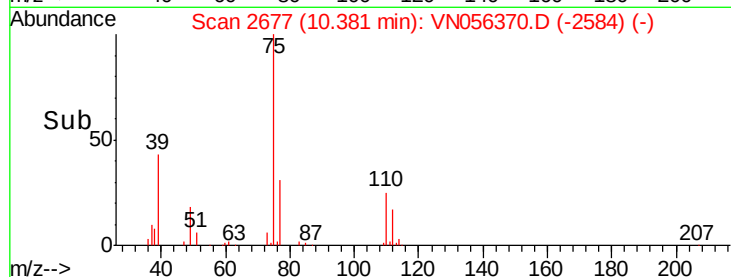
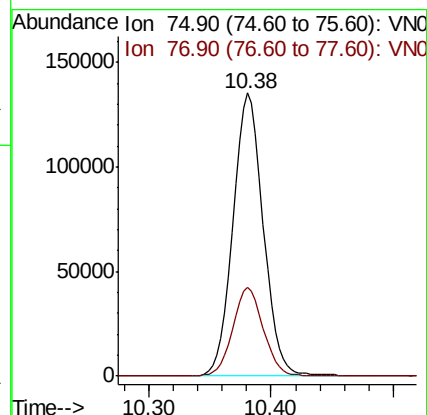
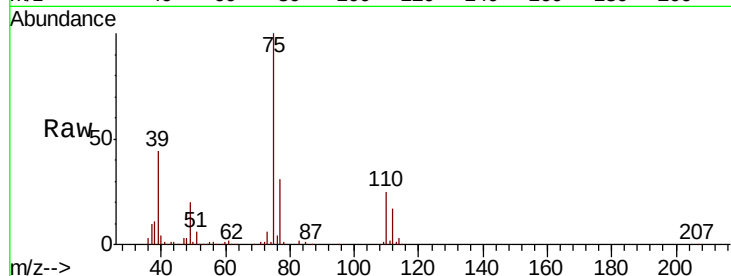
ClientSampled :

Tot Ion: 75 Resp: 234477

Ion Ratio Lower Upper

75 100

77 31.3 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 47.937 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

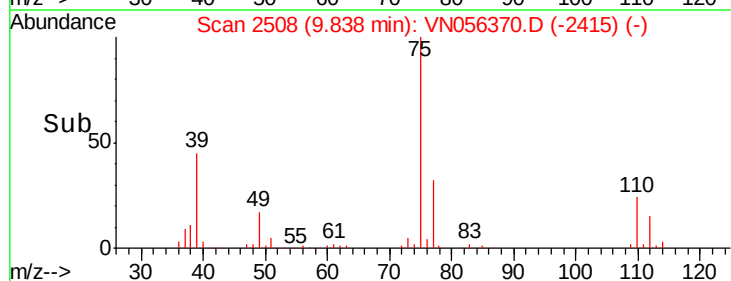
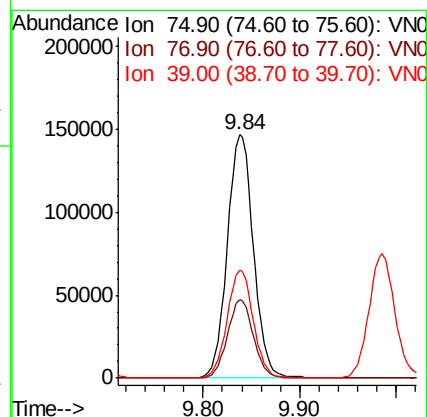
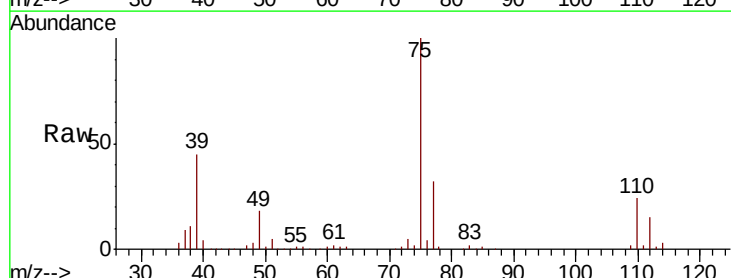
Tgt Ion: 75 Resp: 275585

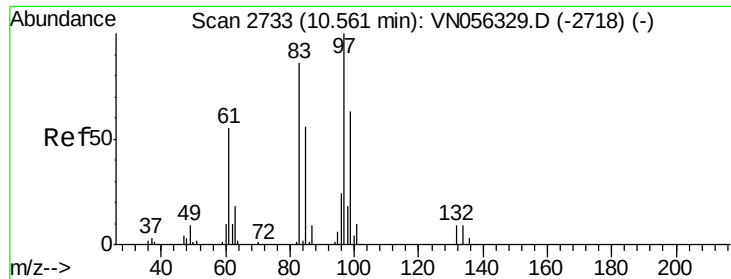
Ion Ratio Lower Upper

75 100

77 32.4 25.7 38.5

39 44.4 35.4 53.0

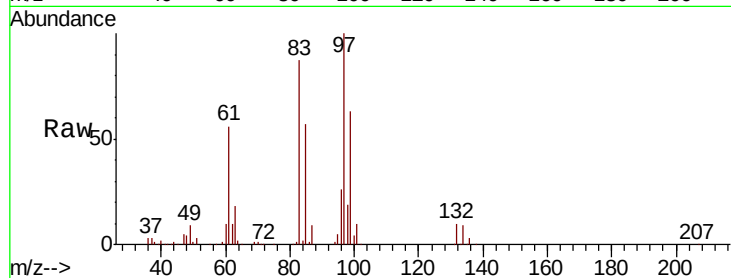




#55
 1,1,2-Trichloroethane
 Concen: 47.734 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	179135
Ion	Ratio	Lower	Upper
97	100		
83	86.8	69.0	103.4
85	56.5	44.6	67.0
99	62.4	50.5	75.7



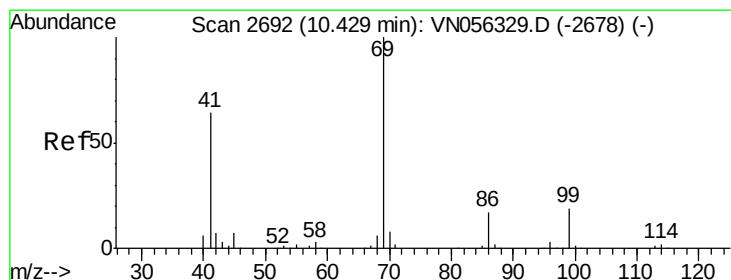
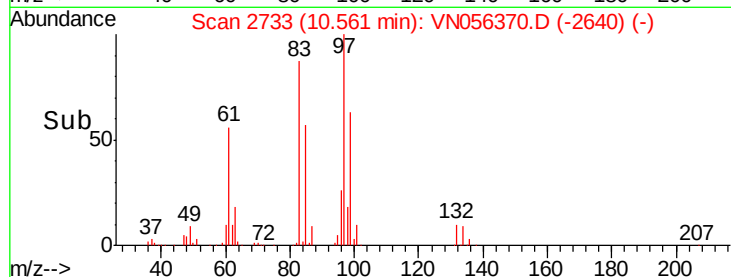
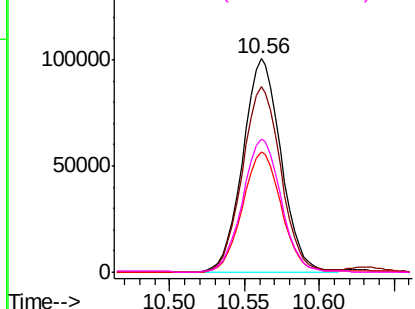
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

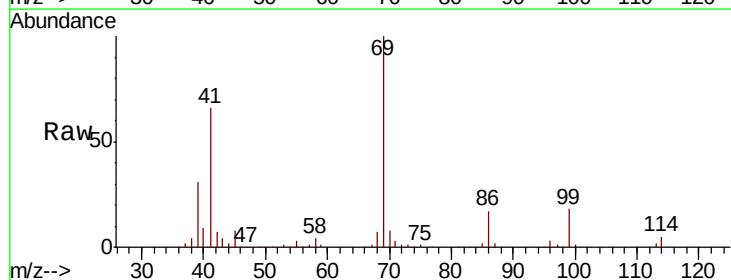
Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56
 Ethyl methacrylate
 Concen: 50.998 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Tgt Ion:	69	Resp:	275237
Ion	Ratio	Lower	Upper
69	100		
41	66.1	52.0	78.0
39	30.5	24.4	36.6

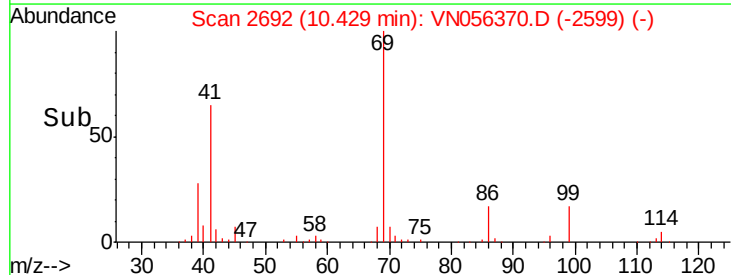
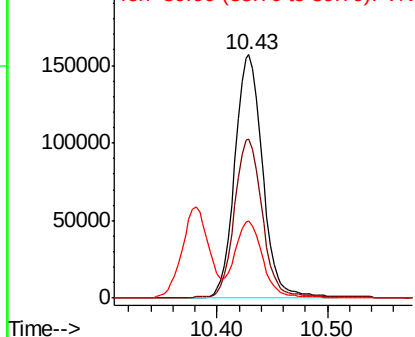


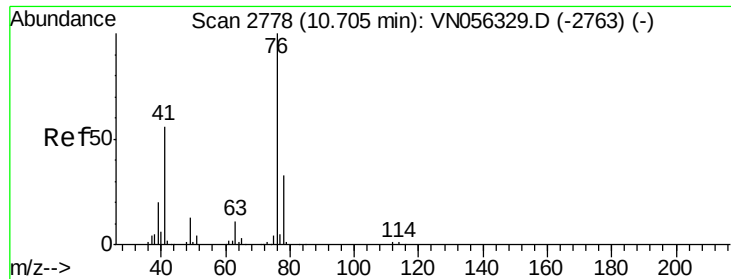
Abundance

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: 48.327 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Instrument :

MSVOA_N

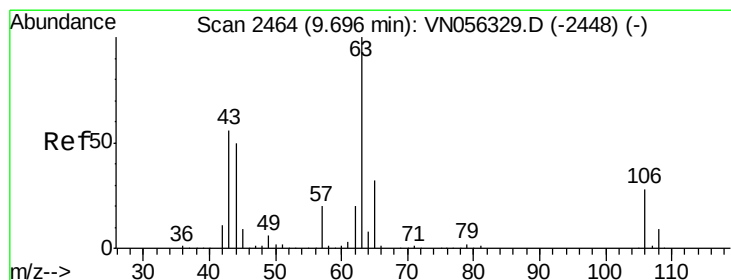
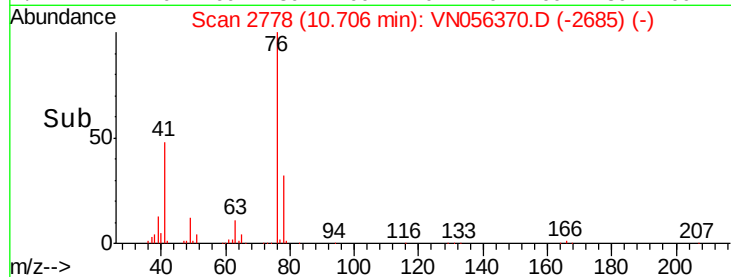
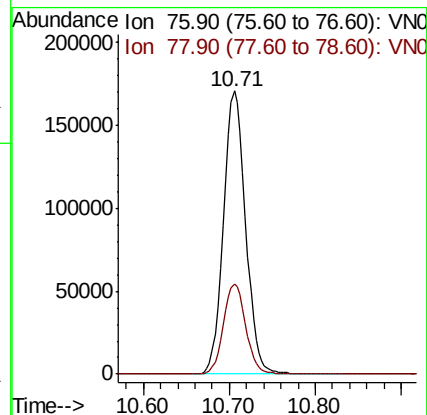
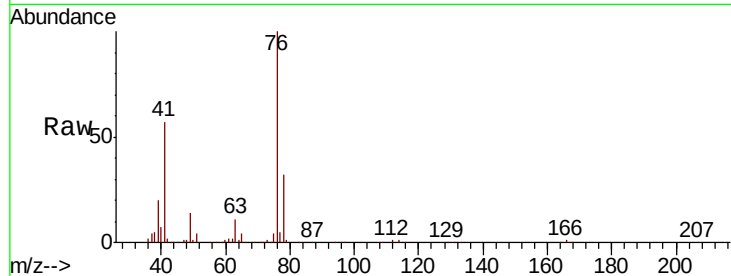
ClientSampled :

Tot Ion: 76 Resp: 305479

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 254.449 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN056370.D

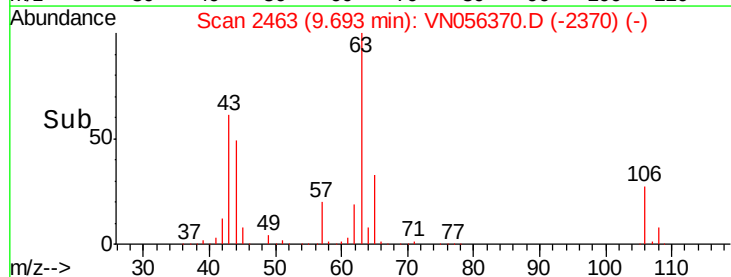
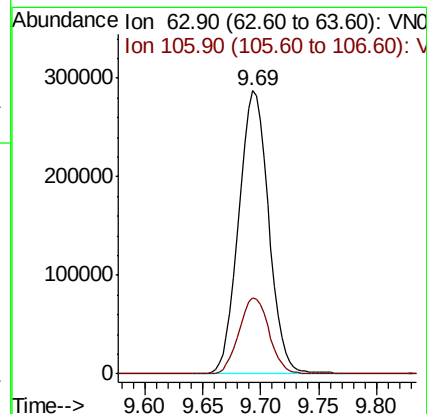
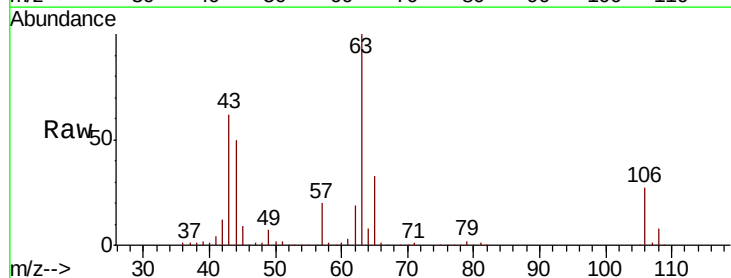
Acq: 18 Jun 2019 17:01

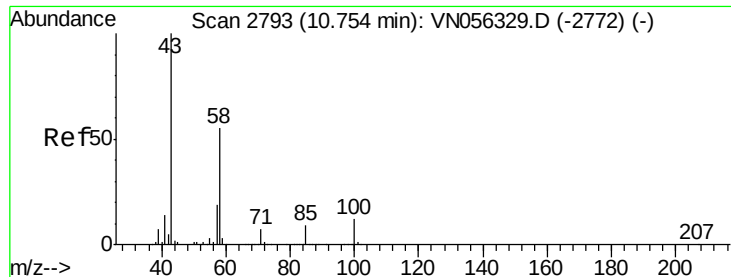
Tgt Ion: 63 Resp: 513947

Ion Ratio Lower Upper

63 100

106 27.0 22.2 33.2

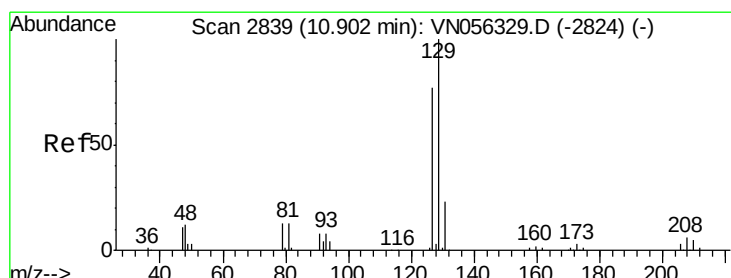
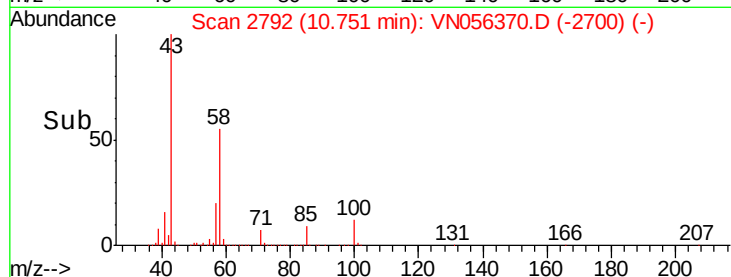
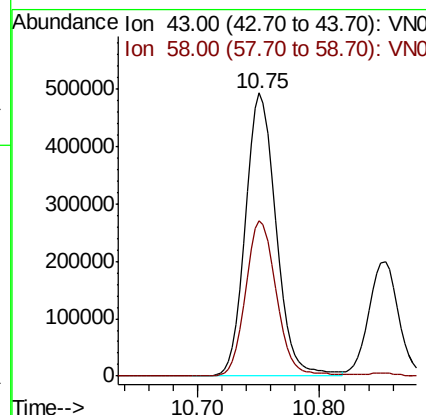
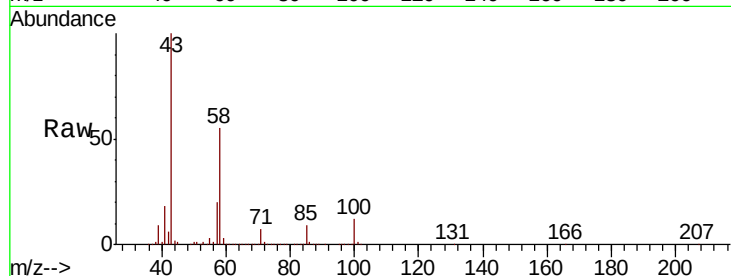




#59
2-Hexanone
Concen: 240.675 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

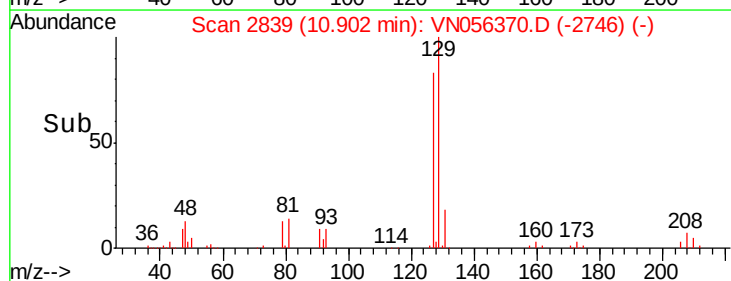
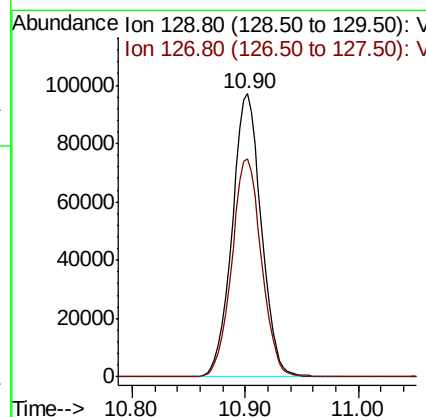
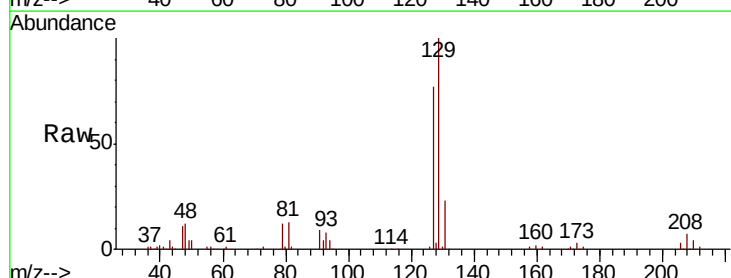
Instrument :
MSVOA_N
ClientSampled :

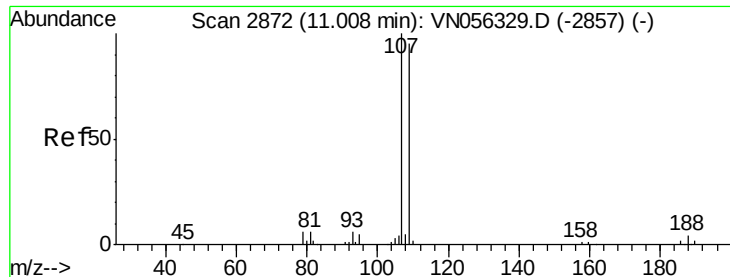
Tot Ion: 43 Resp: 850511
Ion Ratio Lower Upper
43 100
58 55.5 27.8 83.4



#60
Dibromochloromethane
Concen: 44.243 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion: 129 Resp: 174145
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0

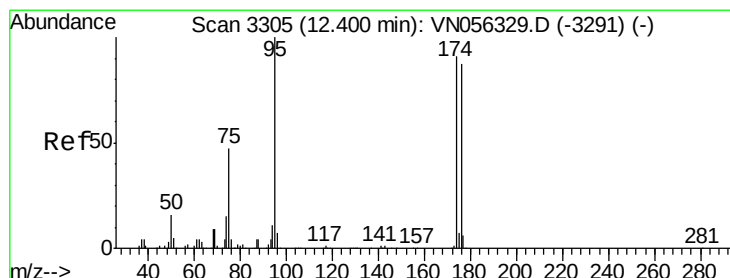
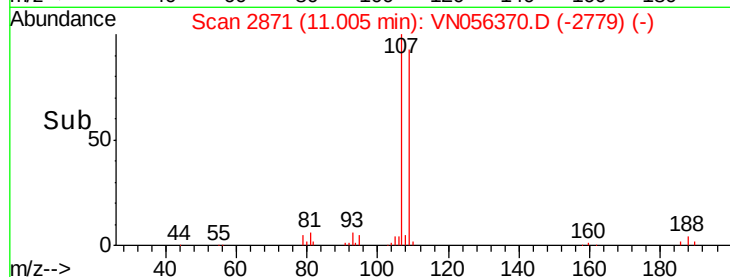
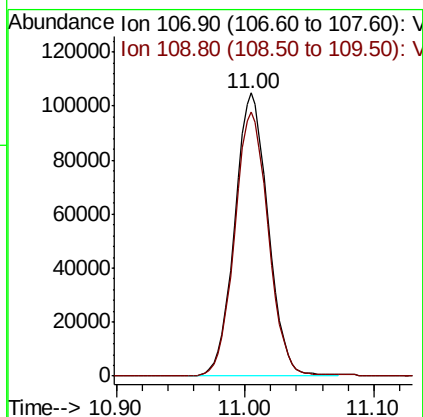
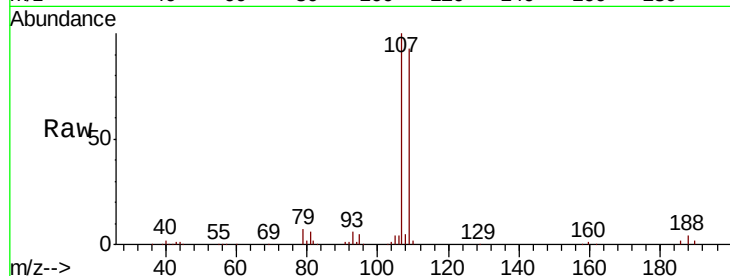




#61
 1,2-Dibromoethane
 Concen: 48.865 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

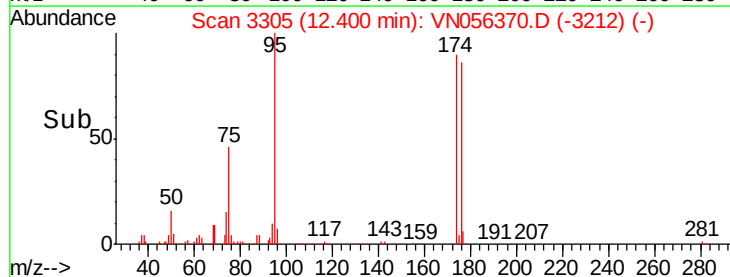
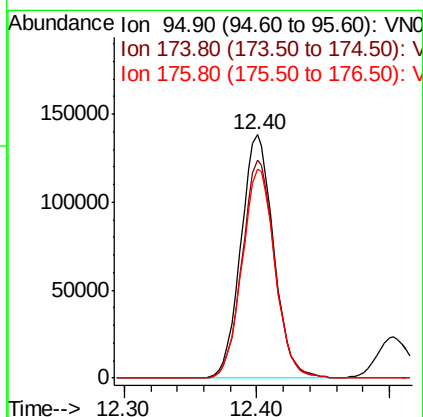
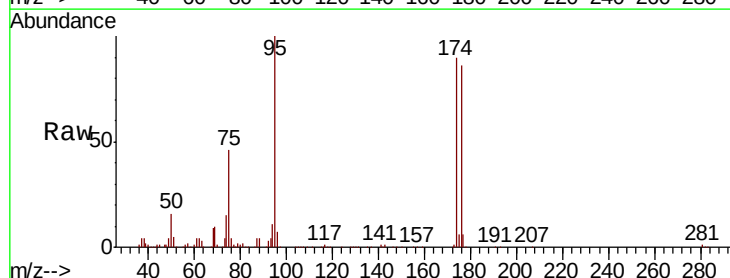
Instrument :
 MSVOA_N
 ClientSampled :

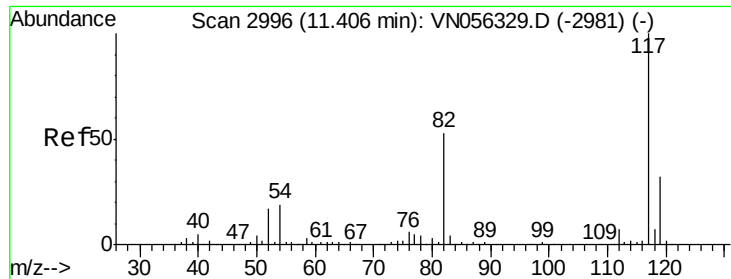
Tot Ion: 107 Resp: 188502
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 52.932 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Tgt Ion: 95 Resp: 235497
 Ion Ratio Lower Upper
 95 100
 174 89.5 0.0 182.6
 176 87.1 0.0 176.8

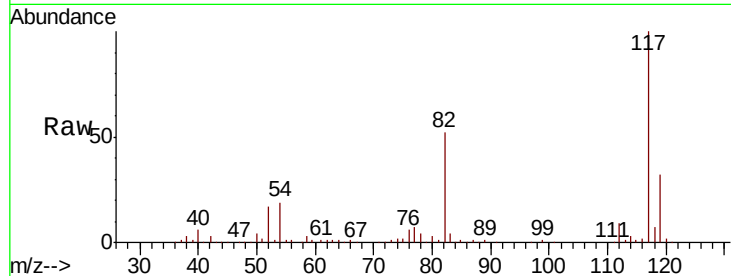




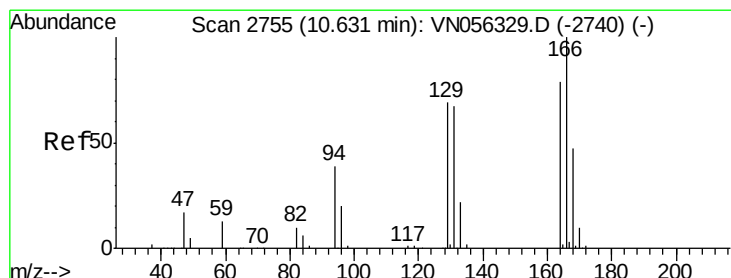
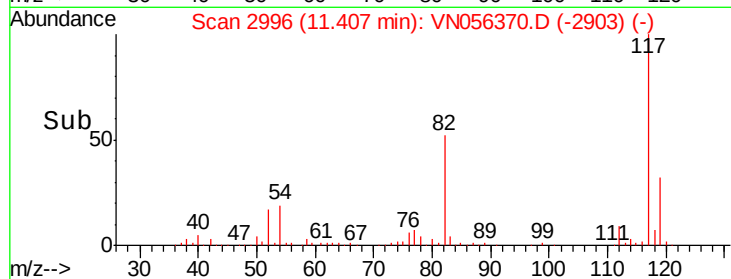
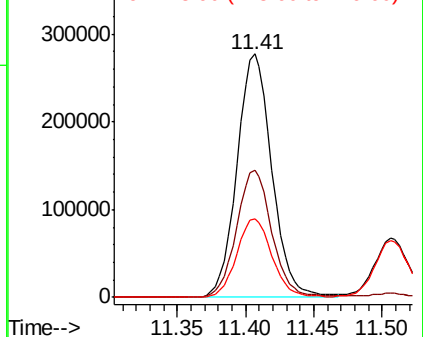
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 493459
Ion Ratio Lower Upper
117 100
82 52.3 42.4 63.6
119 32.2 26.0 39.0

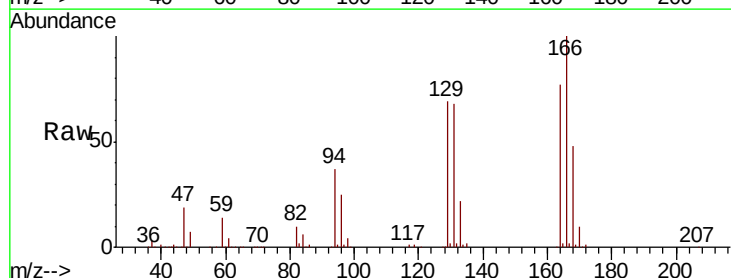


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

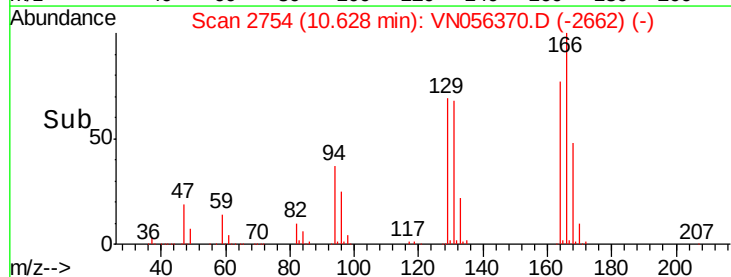
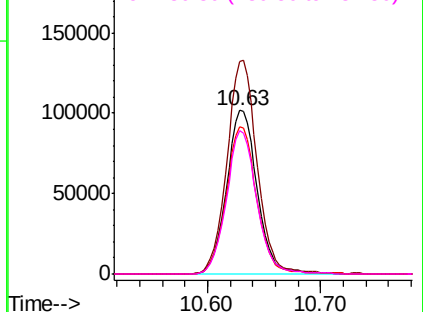


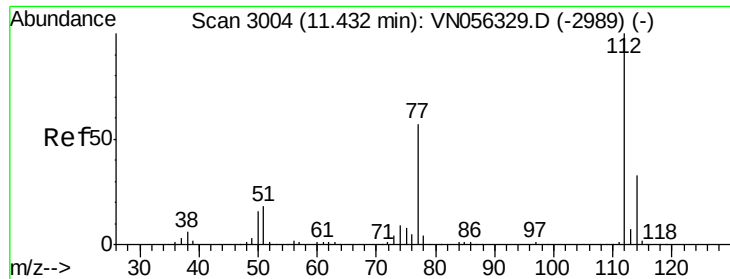
#64
Tetrachloroethene
Concen: 47.244 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion:164 Resp: 191180
Ion Ratio Lower Upper
164 100
166 129.9 101.8 152.6
129 90.1 70.3 105.5
131 87.9 68.2 102.4



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

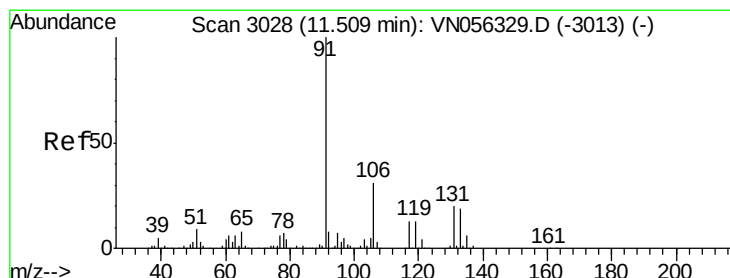
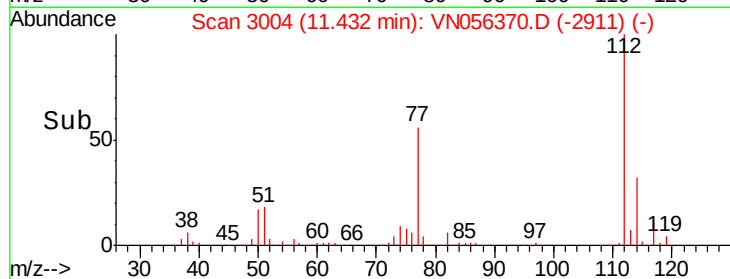
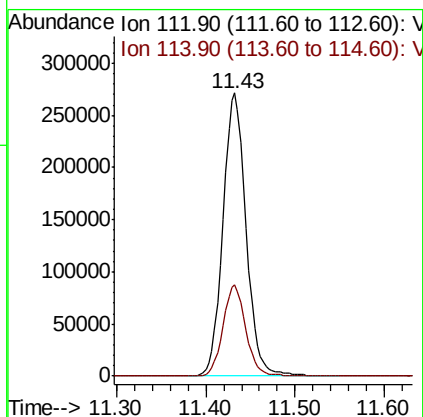
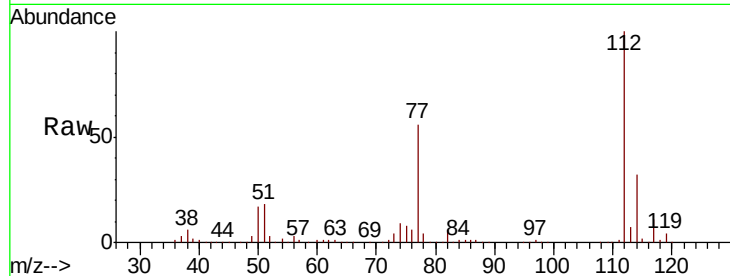




#65
Chlorobenzene
Concen: 48.578 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

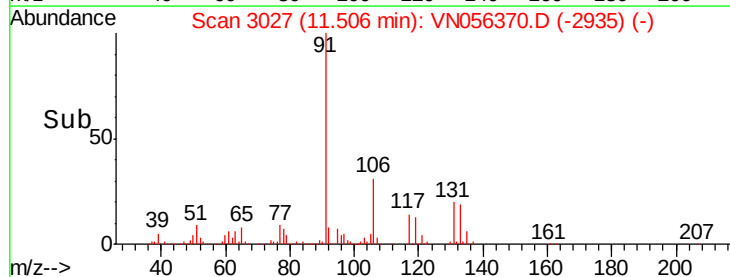
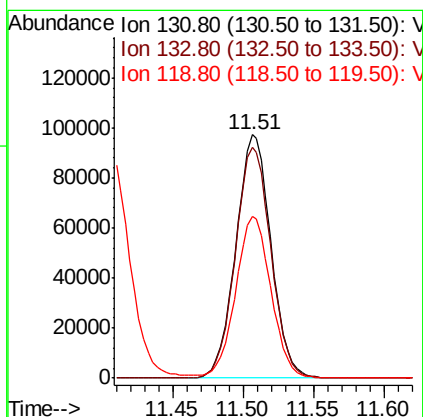
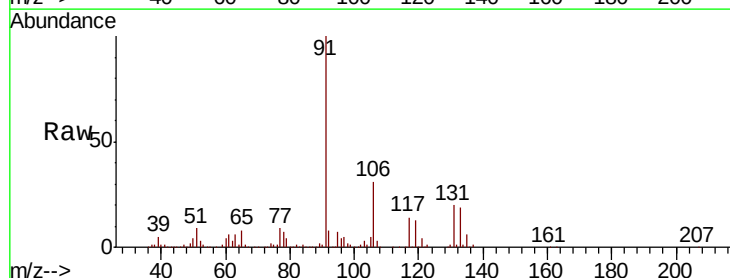
Instrument :
MSVOA_N
ClientSampled :

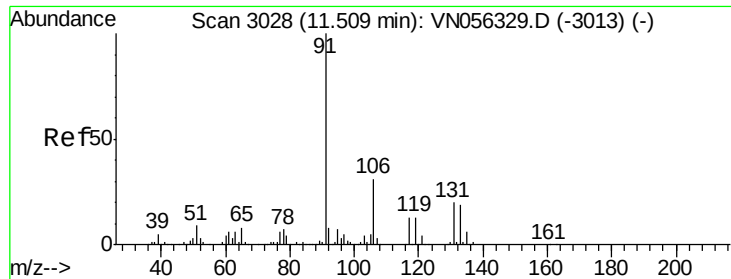
Tot Ion:112 Resp: 486674
Ion Ratio Lower Upper
112 100
114 32.2 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 45.449 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion:131 Resp: 169984
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.7
119 67.0 33.5 100.5

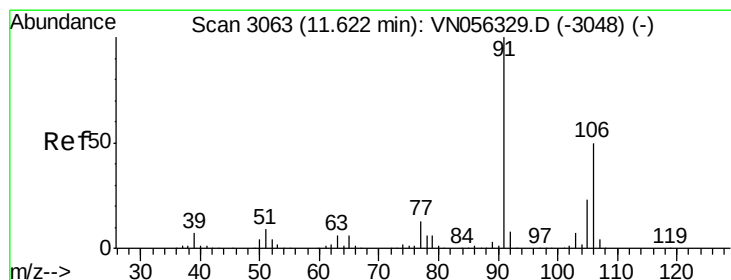
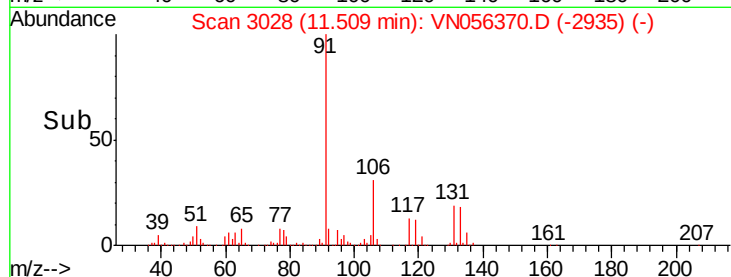
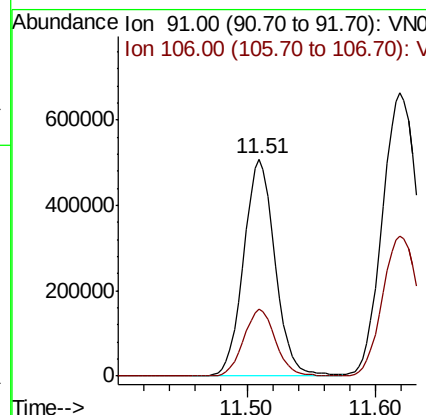
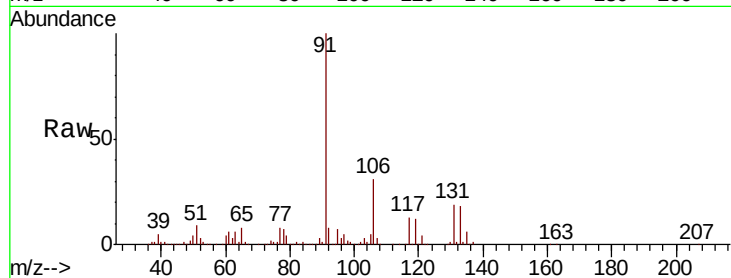




#67
Ethyl Benzene
Concen: 50.030 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

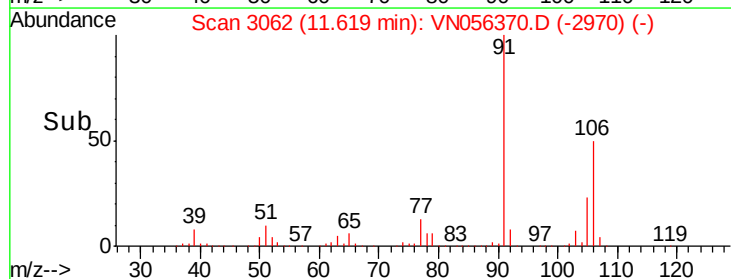
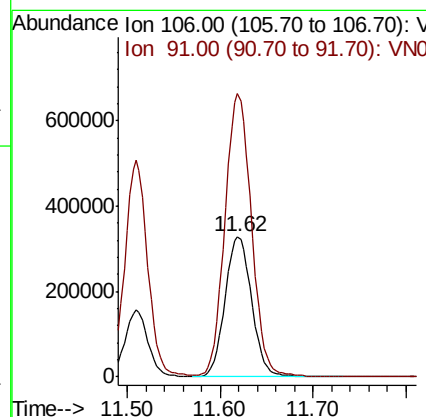
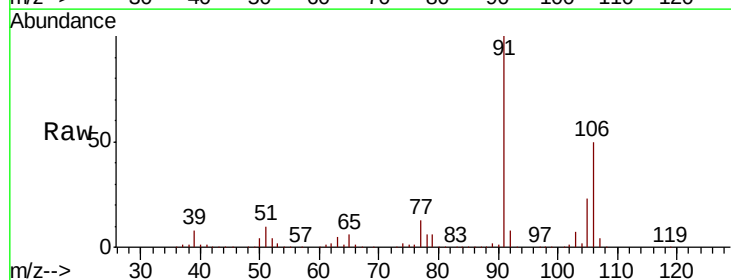
Instrument :
MSVOA_N
ClientSampled :

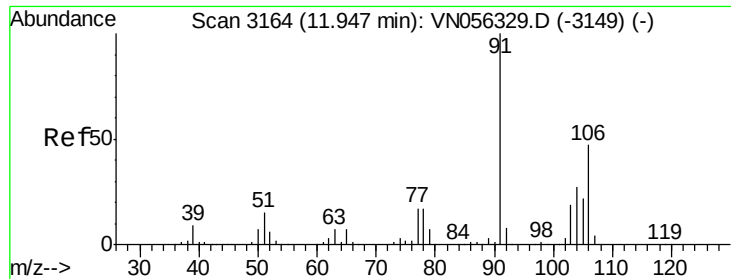
Tot Ion: 91 Resp: 862757
Ion Ratio Lower Upper
91 100
106 30.8 25.0 37.6



#68
m/p-Xylenes
Concen: 102.007 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion: 106 Resp: 654711
Ion Ratio Lower Upper
106 100
91 201.1 160.7 241.1

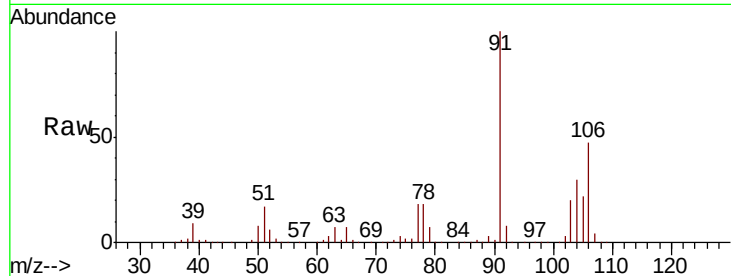




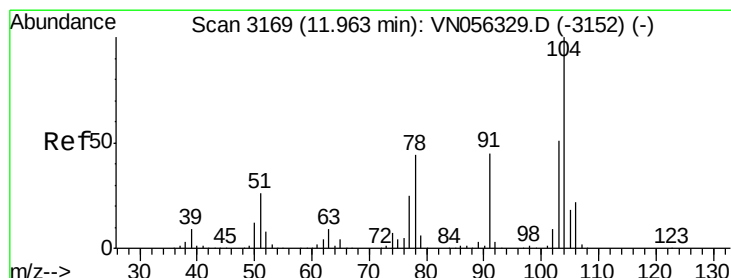
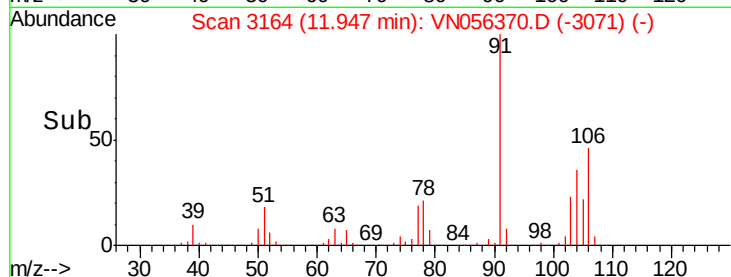
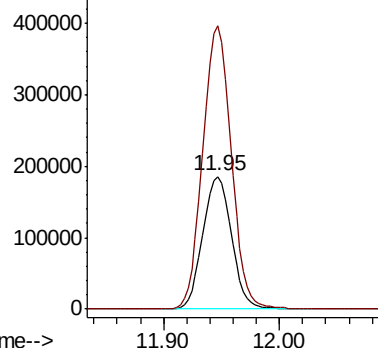
#69
o-Xylene
Concen: 50.230 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 317795
Ion Ratio Lower Upper
106 100
91 212.0 105.6 316.7

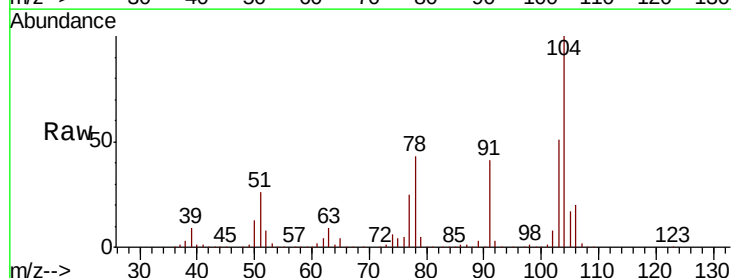


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

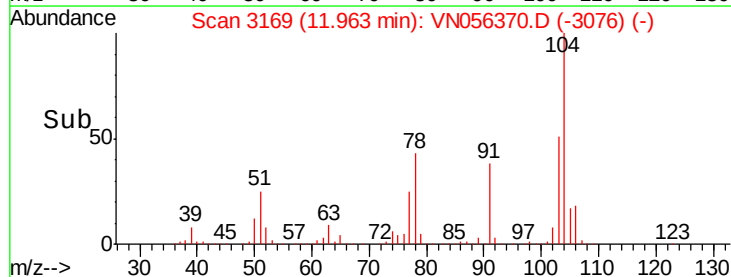
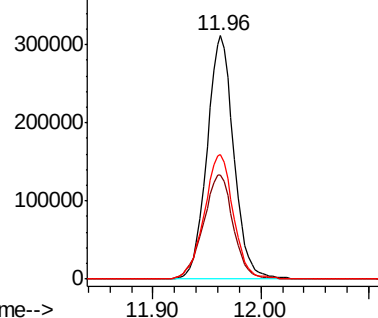


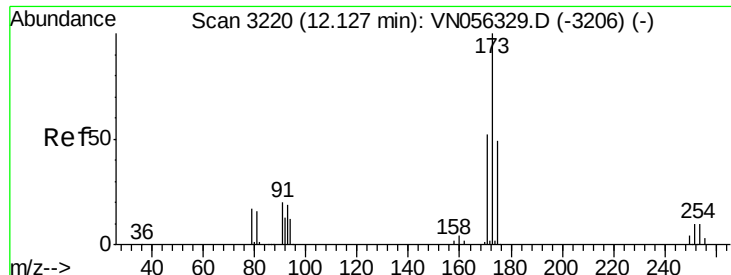
#70
Styrene
Concen: 52.715 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion:104 Resp: 538458
Ion Ratio Lower Upper
104 100
78 47.9 38.4 57.6
103 55.8 44.0 66.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

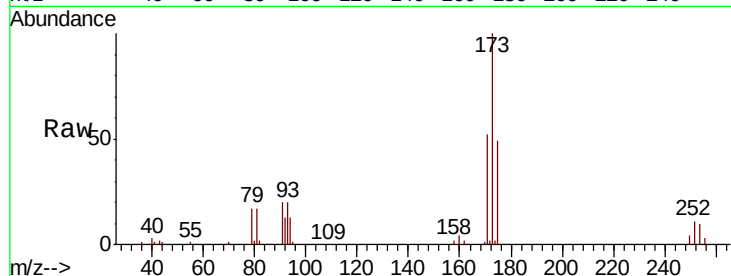




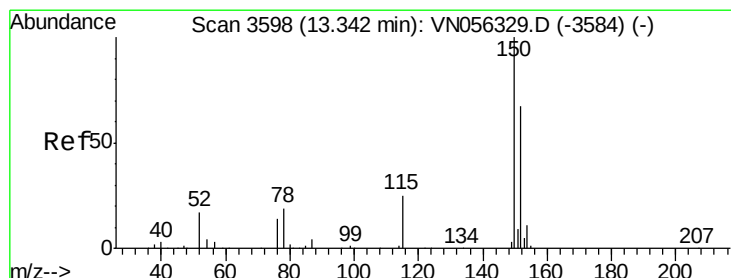
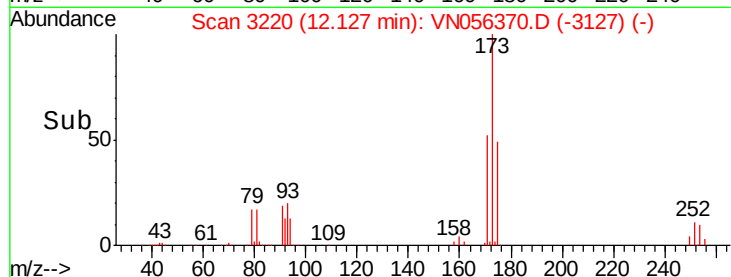
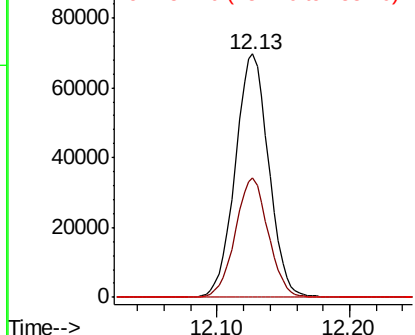
#71
Bromoform
Concen: 41.988 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 122042
Ion Ratio Lower Upper
173 100
175 48.3 24.3 73.0
254 0.0 0.0 0.0

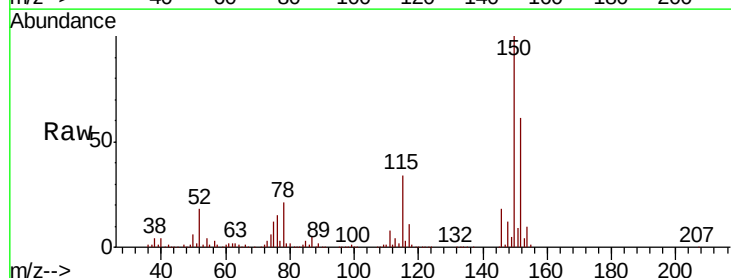


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

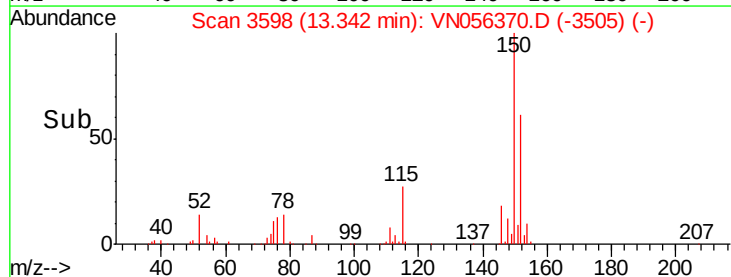
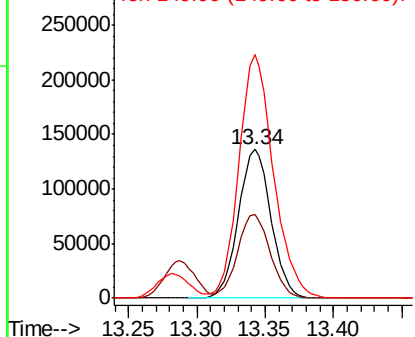


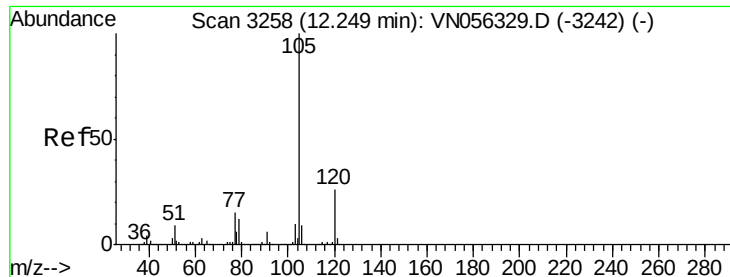
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion:152 Resp: 226369
Ion Ratio Lower Upper
152 100
115 56.4 27.8 83.3
150 173.7 0.0 345.8



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





#73

Isopropylbenzene

Concen: 50.136 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Instrument :

MSVOA_N

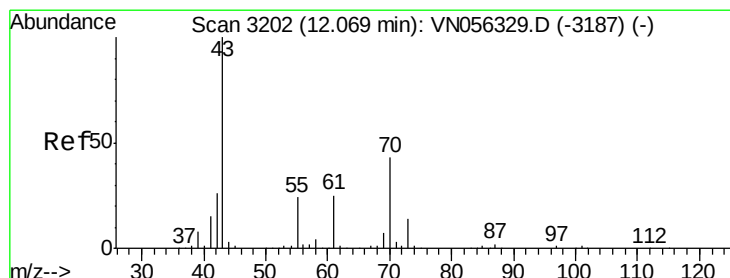
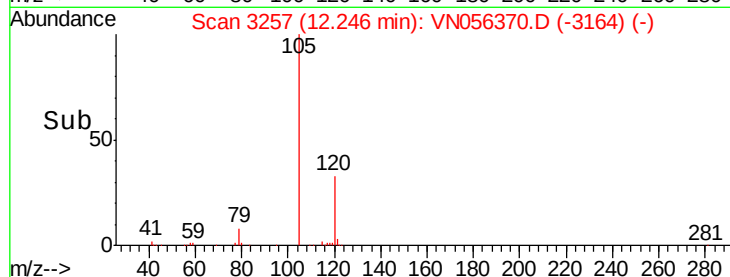
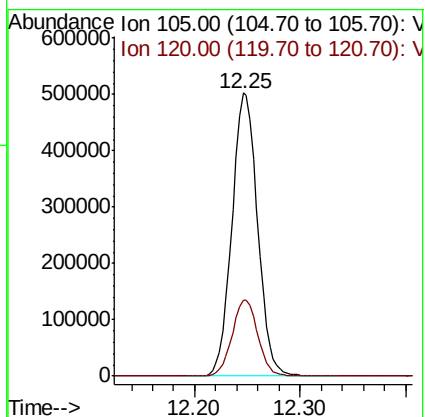
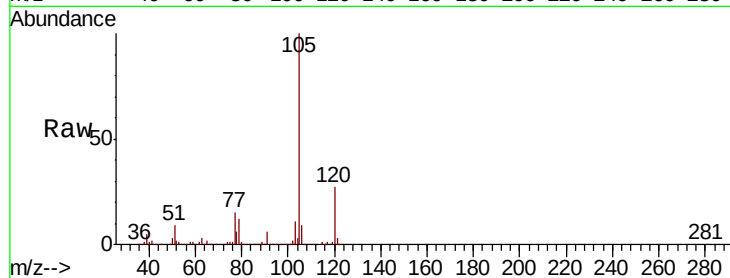
ClientSampled :

Tot Ion:105 Resp: 841643

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.8



#74

N-ethyl acetate

Concen: 44.707 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Tgt Ion: 43 Resp: 318032

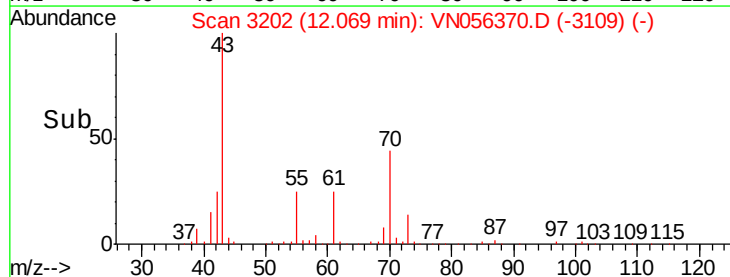
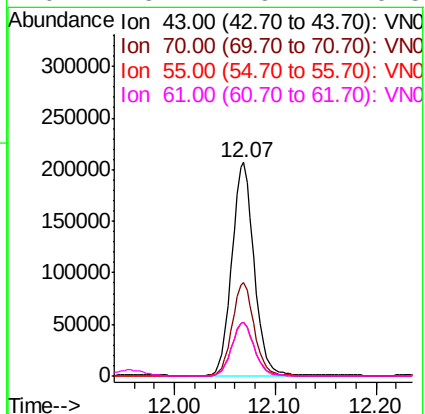
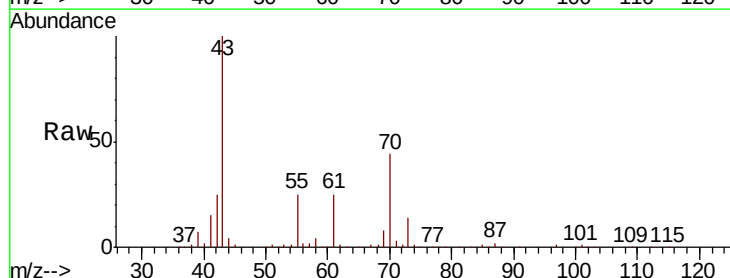
Ion Ratio Lower Upper

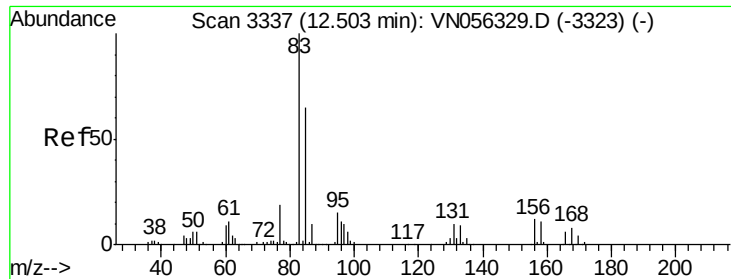
43 100

70 43.7 34.2 51.2

55 25.4 19.9 29.9

61 25.2 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 49.527 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

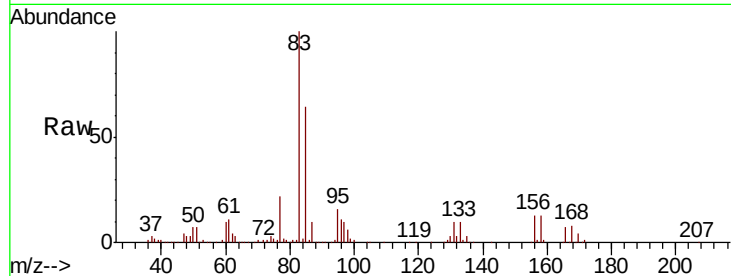
Tot Ion: 83 Resp: 260503

Ion Ratio Lower Upper

83 100

131 10.3 5.3 15.8

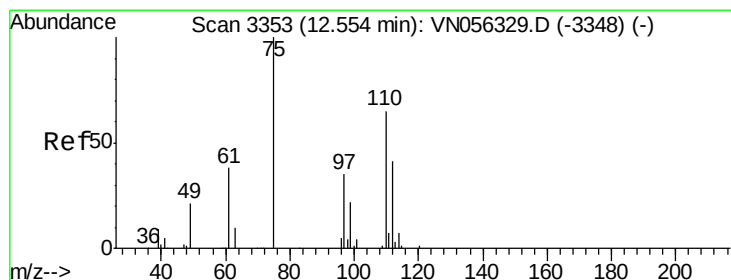
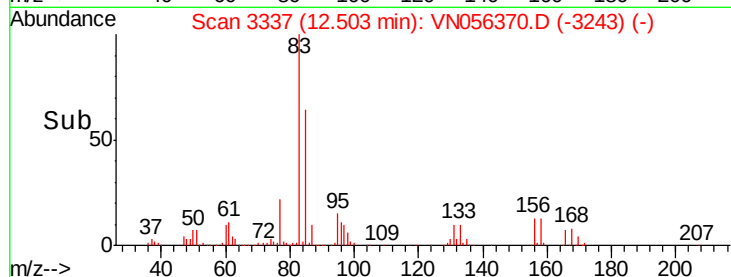
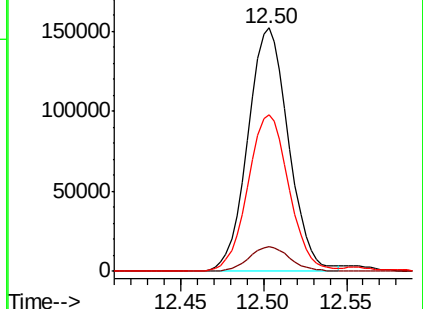
85 64.5 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 62.522 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056370.D

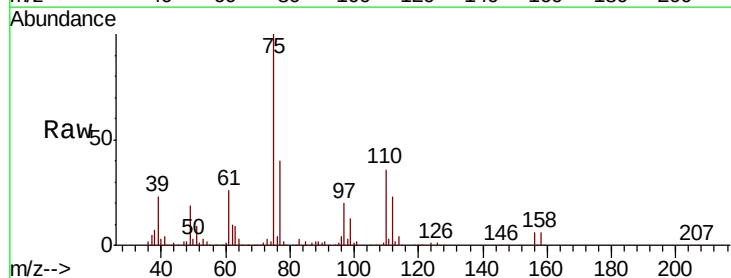
Acq: 18 Jun 2019 17:01

Tgt Ion: 75 Resp: 302385

Ion Ratio Lower Upper

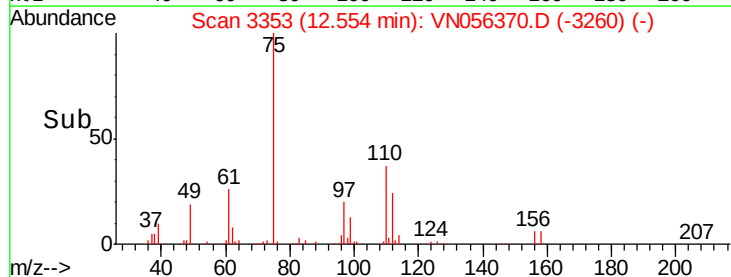
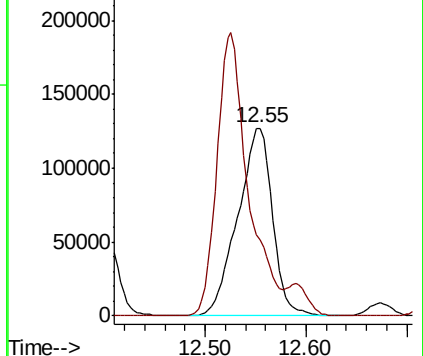
75 100

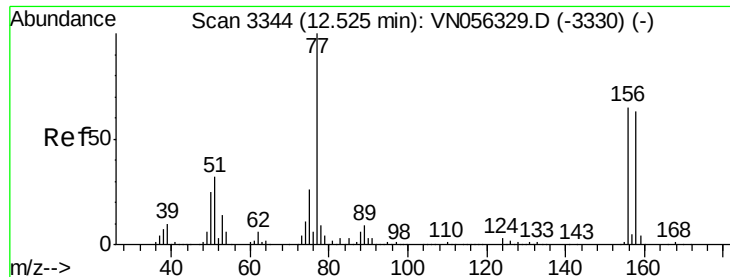
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 49.207 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Instrument :

MSVOA_N

ClientSampled :

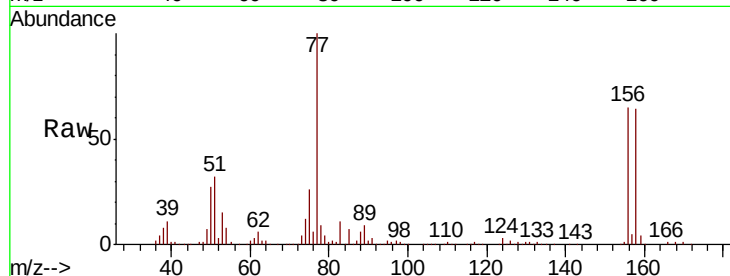
Tot Ion:156 Resp: 221205

Ion Ratio Lower Upper

156 100

77 186.8 92.9 278.7

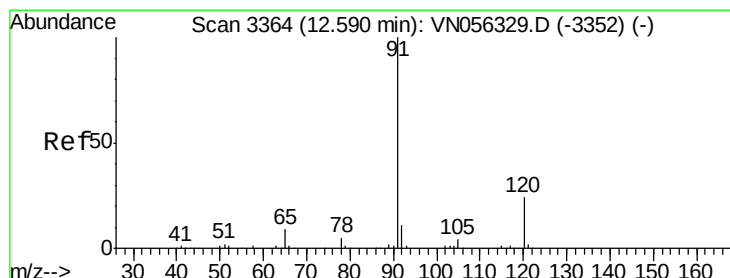
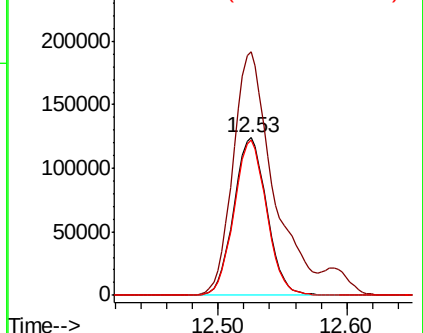
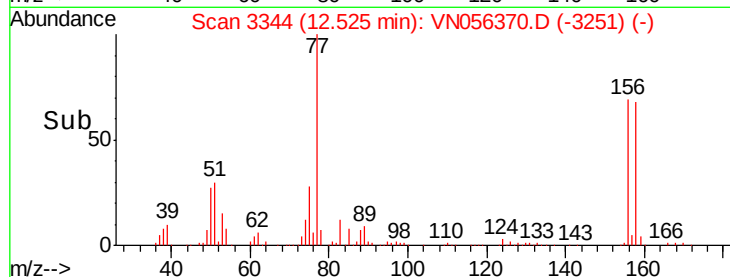
158 97.0 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.992 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056370.D

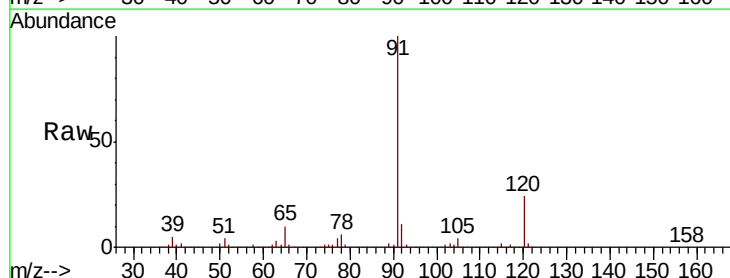
Acq: 18 Jun 2019 17:01

Tgt Ion: 91 Resp: 934532

Ion Ratio Lower Upper

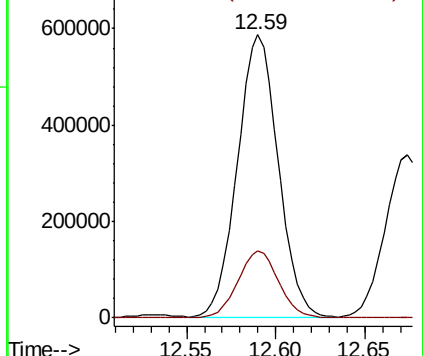
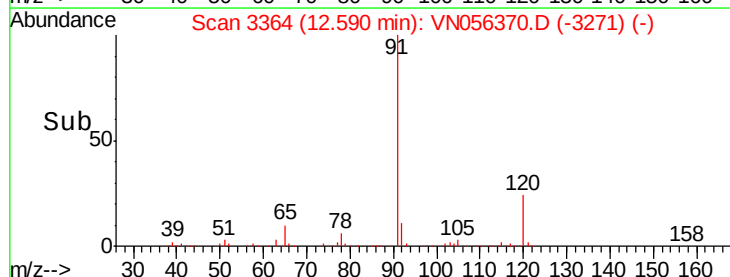
91 100

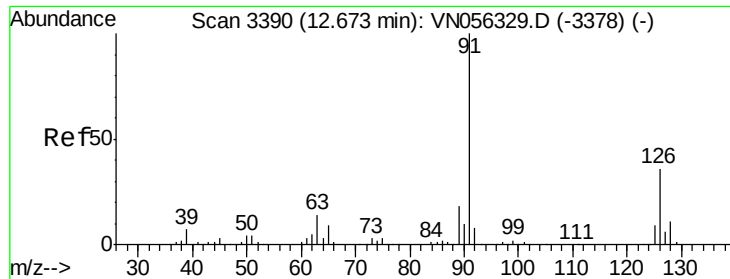
120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.526 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Instrument :

MSVOA_N

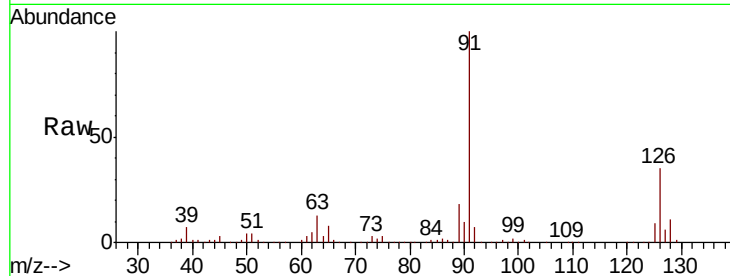
ClientSampleId :

Tot Ion: 91 Resp: 565379

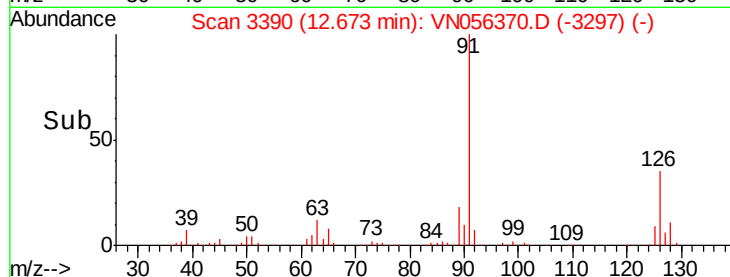
Ion Ratio Lower Upper

91 100

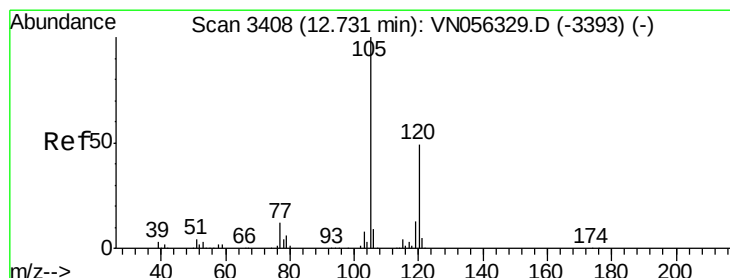
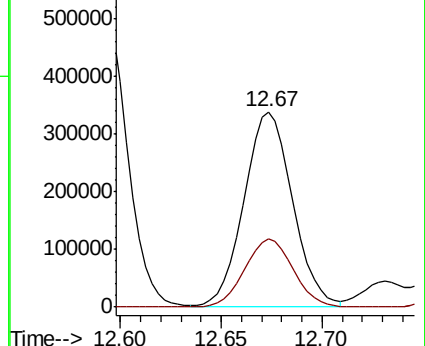
126 35.5 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VN056370.D (-3297) (-)



Ion 125.90 (125.60 to 126.60): VN056370.D (-3297) (-)



#80

1,3,5-Trimethylbenzene

Concen: 44.977 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056370.D

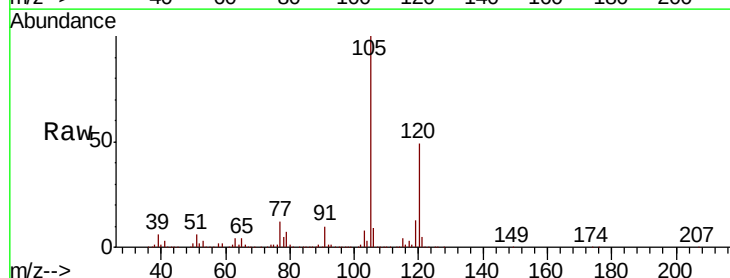
Acq: 18 Jun 2019 17:01

Tgt Ion:105 Resp: 710308

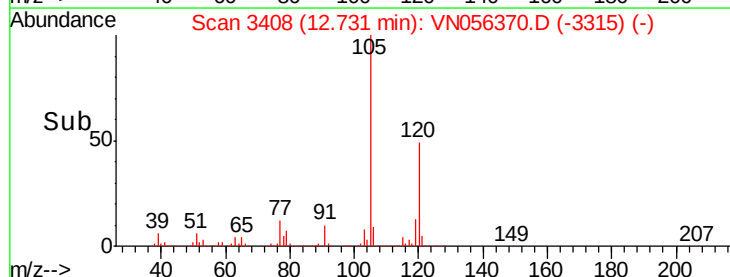
Ion Ratio Lower Upper

105 100

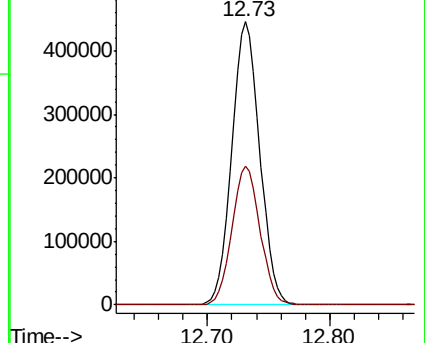
120 49.5 24.4 73.4

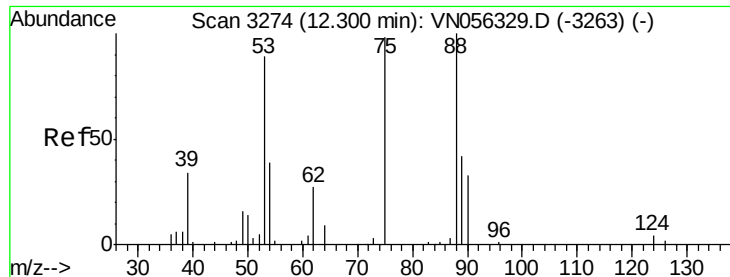


Abundance Ion 105.00 (104.70 to 105.70): VN056370.D (-3315) (-)



Ion 120.00 (119.70 to 120.70): VN056370.D (-3315) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 38.341 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

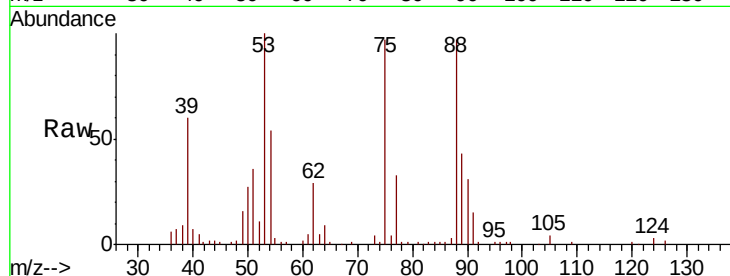
Tot Ion: 75 Resp: 59684

Ion Ratio Lower Upper

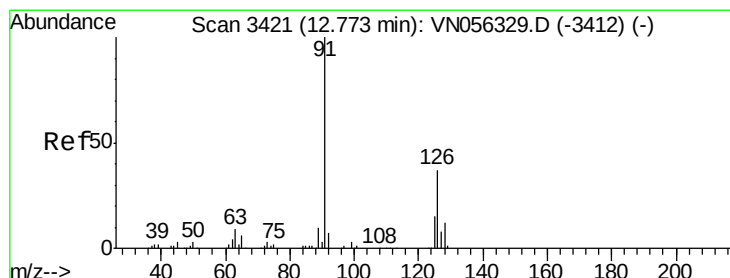
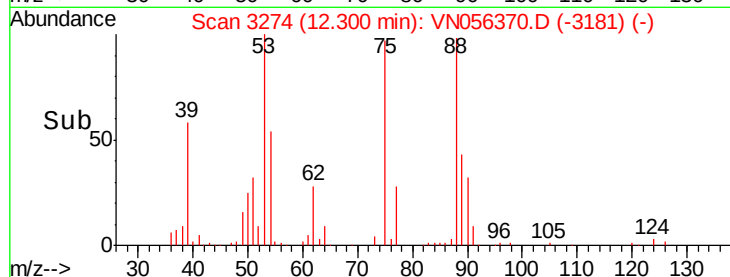
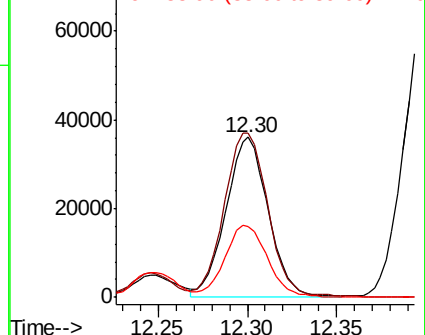
75 100

53 106.5 73.5 110.3

89 45.2 35.4 53.2



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



#82

4-Chlorotoluene

Concen: 46.042 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056370.D

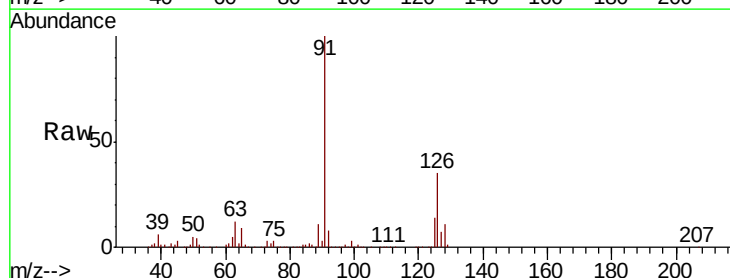
Acq: 18 Jun 2019 17:01

Tgt Ion: 91 Resp: 549173

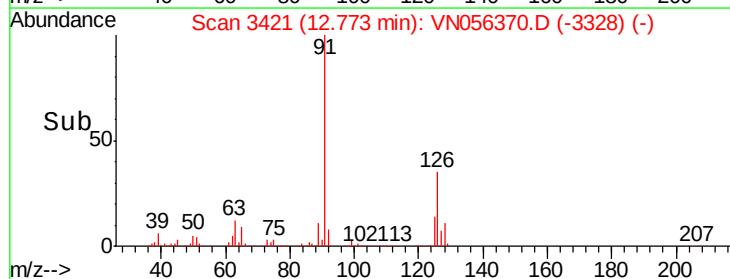
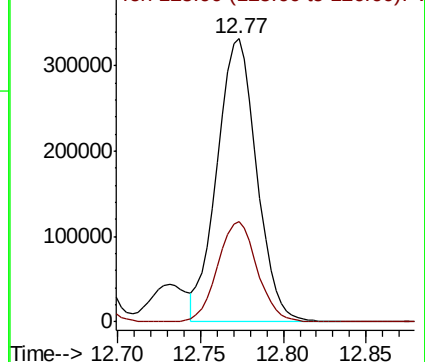
Ion Ratio Lower Upper

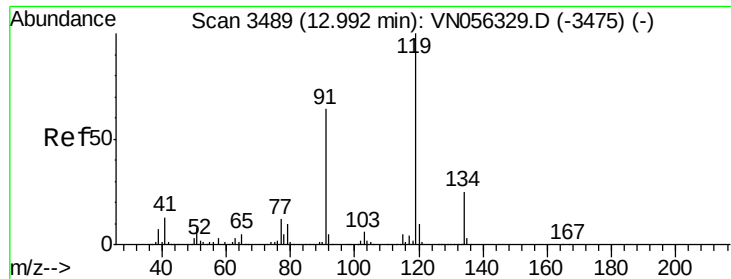
91 100

126 35.6 17.6 52.8



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

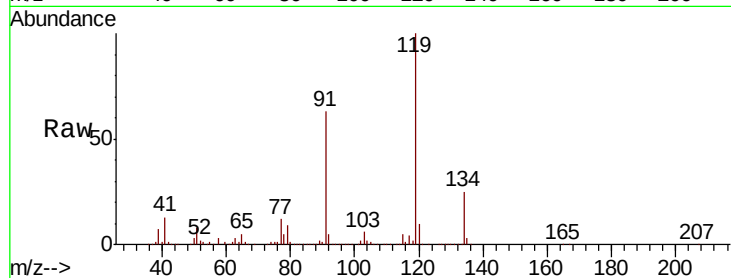




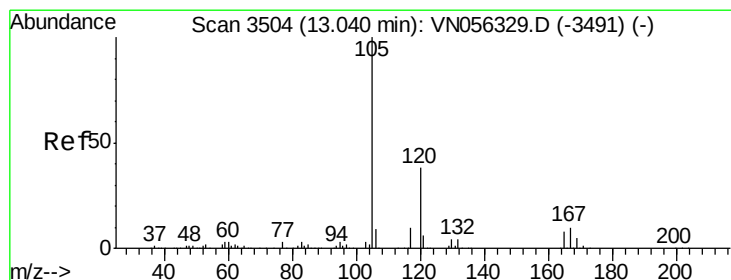
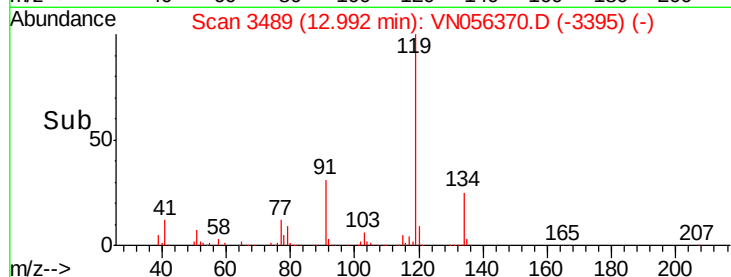
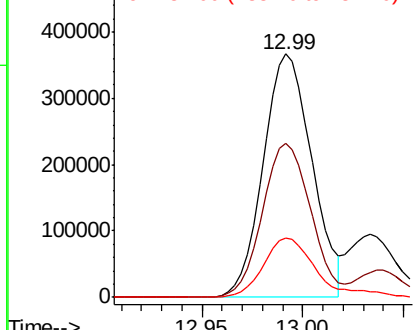
#83
tert-Butylbenzene
Concen: 50.668 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 615720
Ion Ratio Lower Upper
119 100
91 62.8 31.5 94.5
134 26.7 13.6 40.7

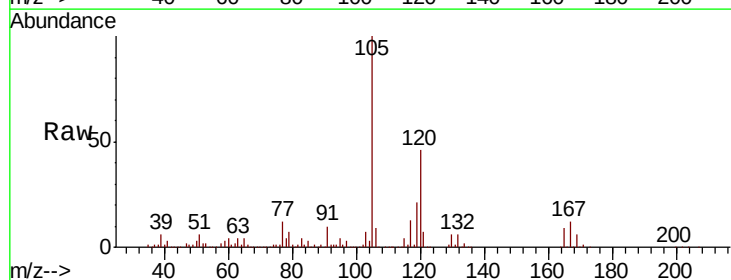


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

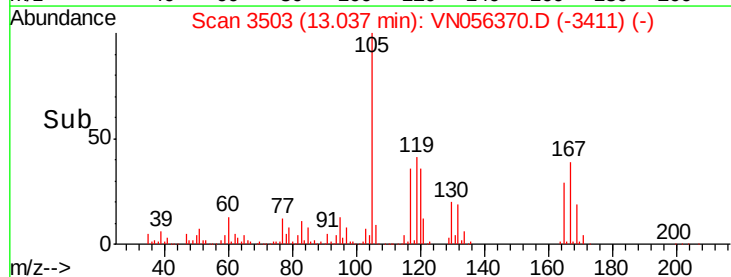
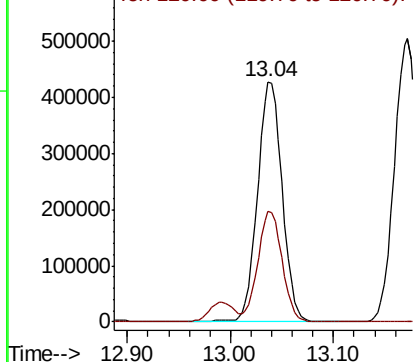


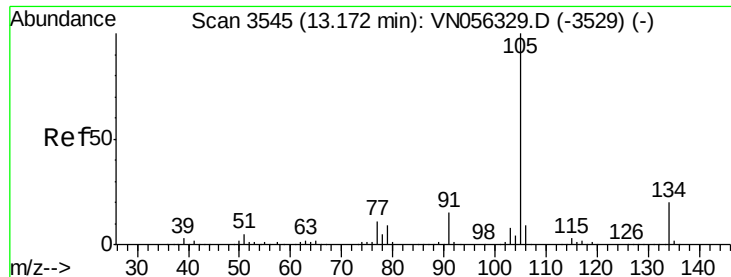
#84
1,2,4-Trimethylbenzene
Concen: 47.921 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion:105 Resp: 704733
Ion Ratio Lower Upper
105 100
120 45.2 23.1 69.2



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





#85

sec-Butylbenzene

Concen: 45.593 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Instrument :

MSVOA_N

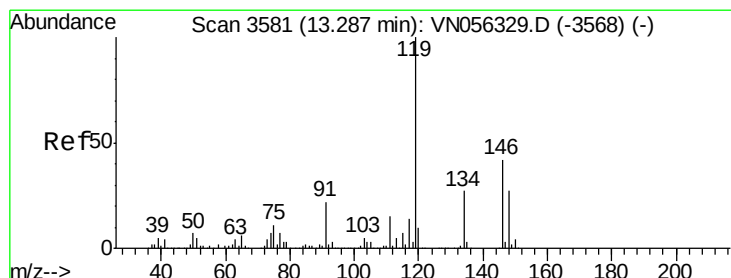
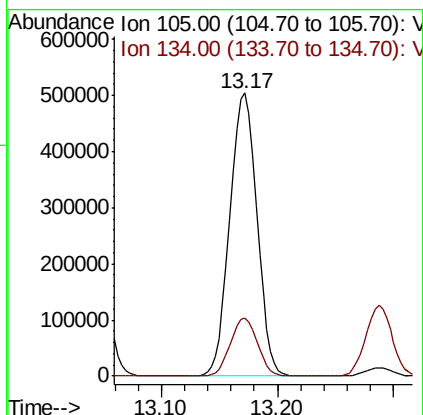
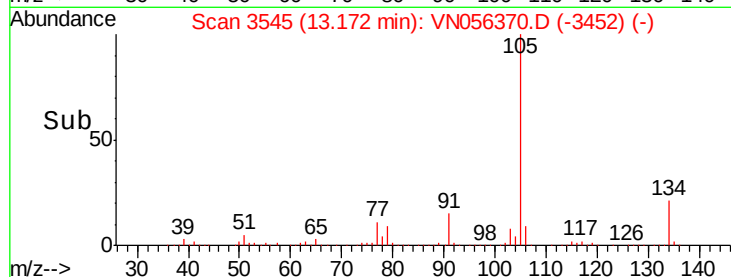
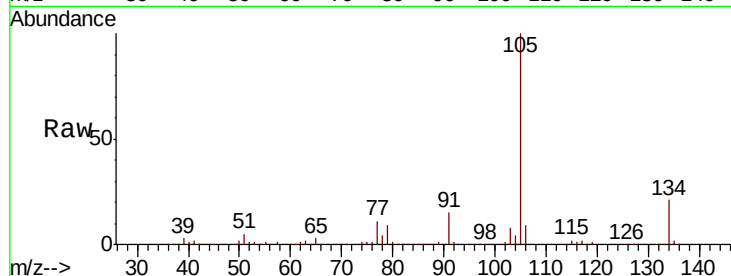
ClientSampleId :

Tot Ion:105 Resp: 812541

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.4



#86

p-Isopropyltoluene

Concen: 48.019 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

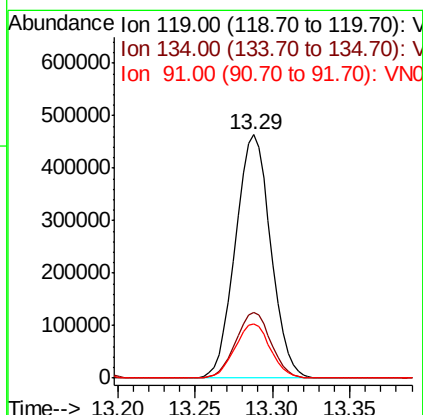
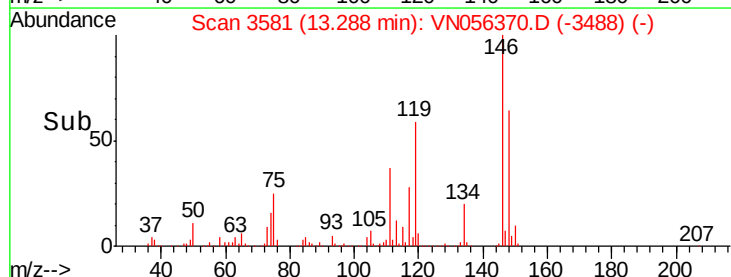
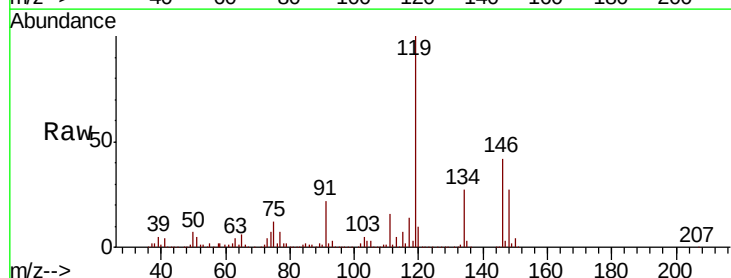
Tgt Ion:119 Resp: 732544

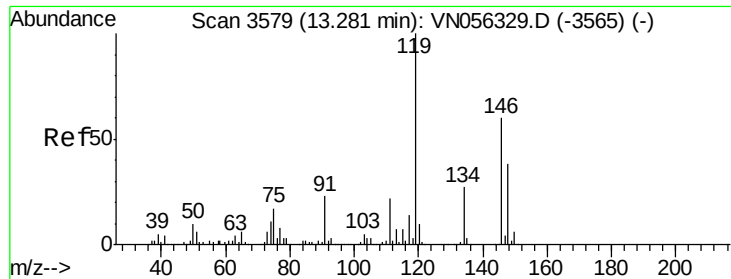
Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

91 22.3 11.0 33.0

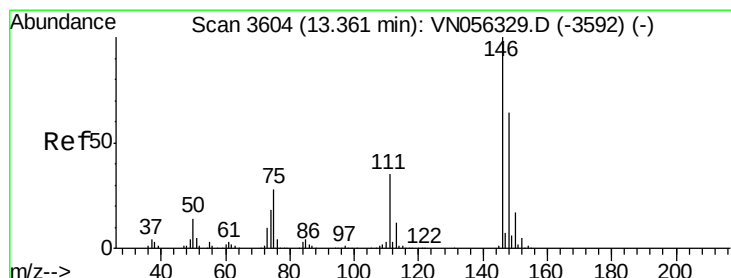
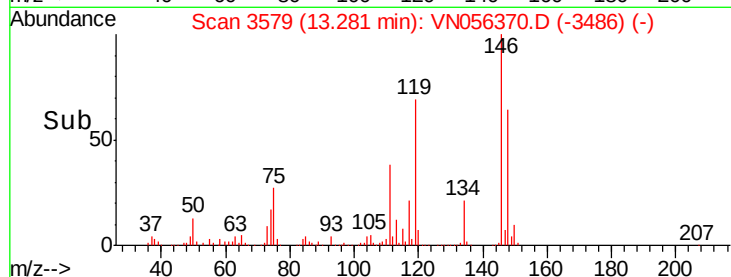
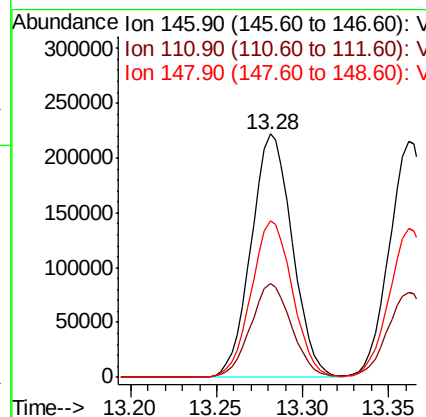
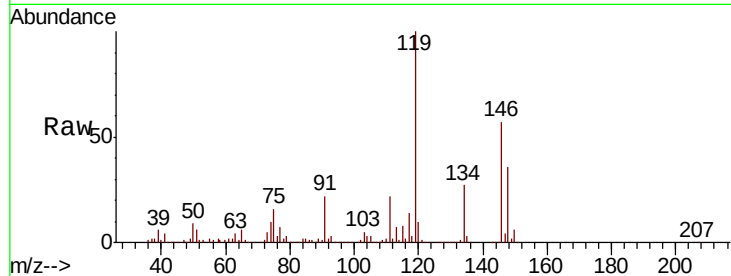




#87
 1,3-Dichlorobenzene
 Concen: 47.874 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

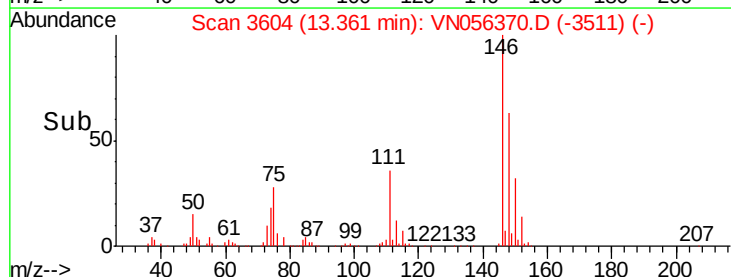
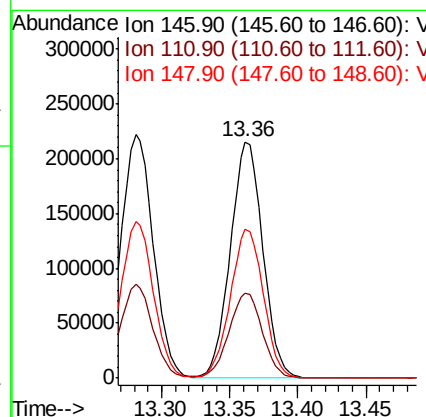
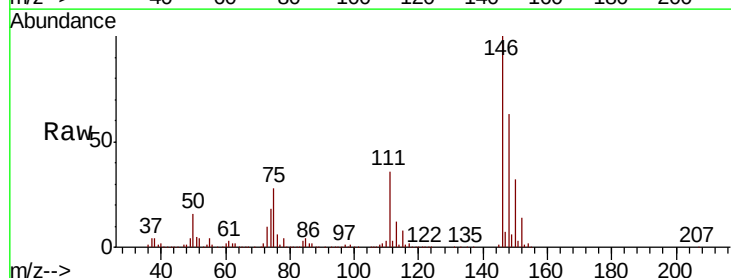
Instrument :
 MSVOA_N
 ClientSampleId :

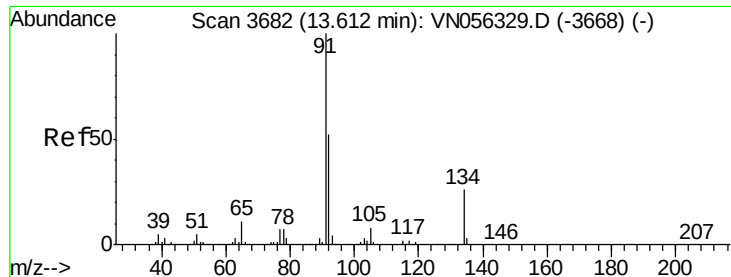
Tot Ion:146 Resp: 368863
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.9 56.7
 148 64.3 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 48.184 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Tgt Ion:146 Resp: 356738
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.1 54.1
 148 64.0 32.1 96.5

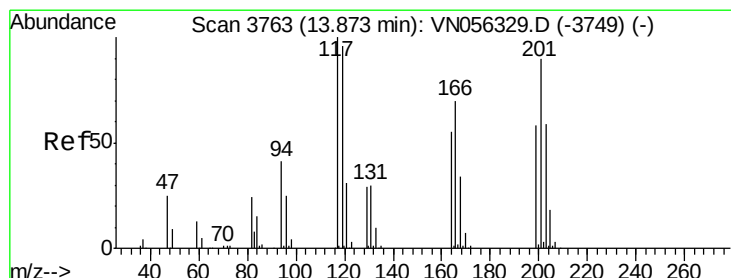
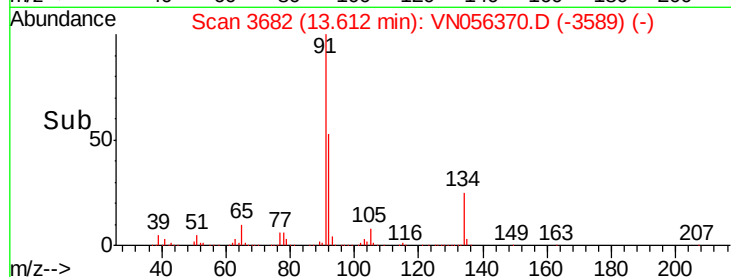
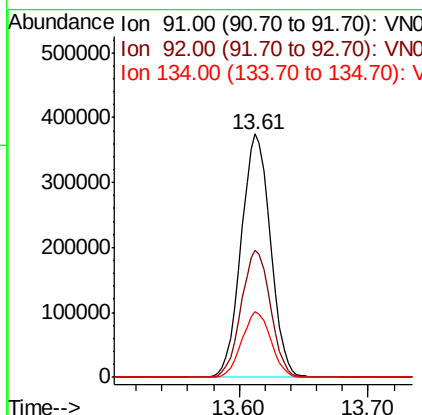
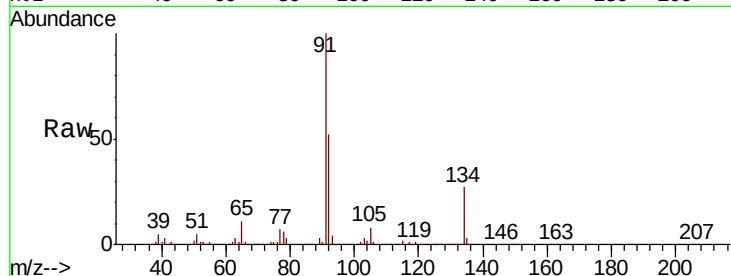




#89
n-Butylbenzene
Concen: 51.805 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

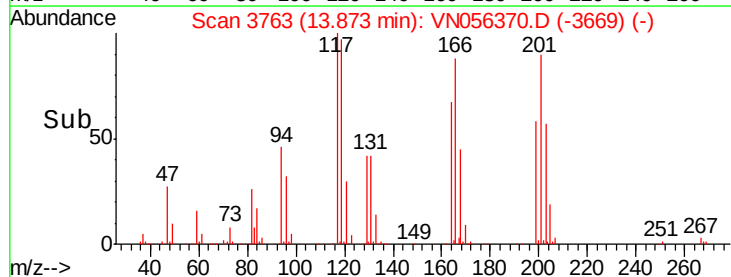
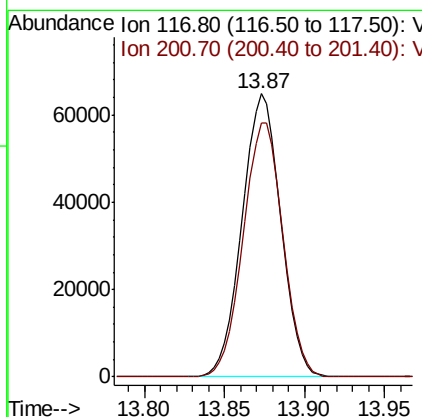
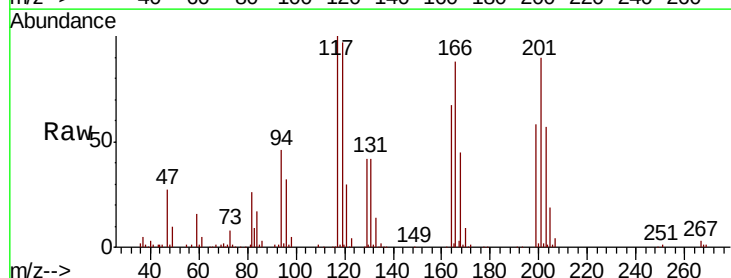
Instrument :
MSVOA_N
ClientSampled :

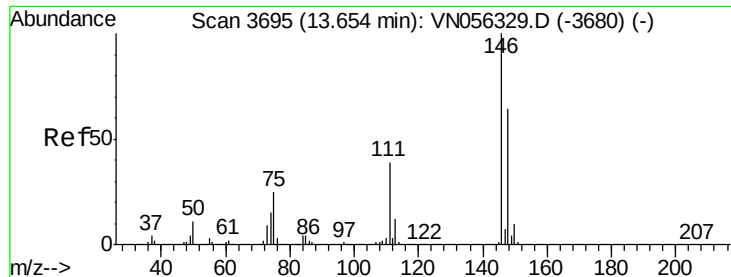
Tot Ion: 91 Resp: 590861
Ion Ratio Lower Upper
91 100
92 52.3 26.0 78.0
134 26.9 13.2 39.5



#90
Hexachloroethane
Concen: 41.049 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion: 117 Resp: 106986
Ion Ratio Lower Upper
117 100
201 92.1 45.8 137.3

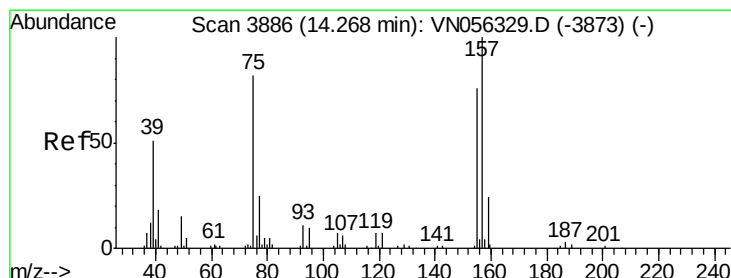
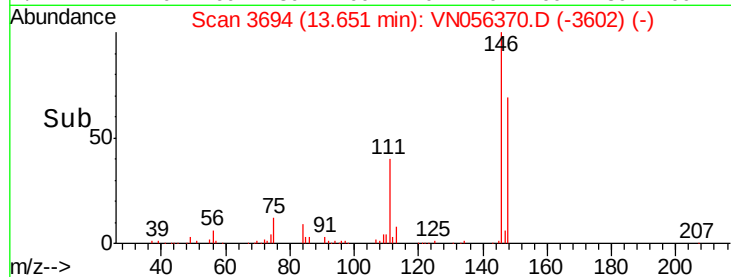
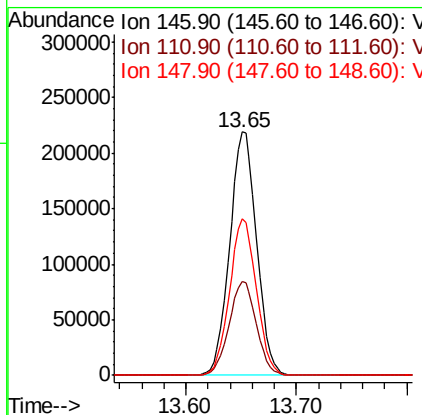
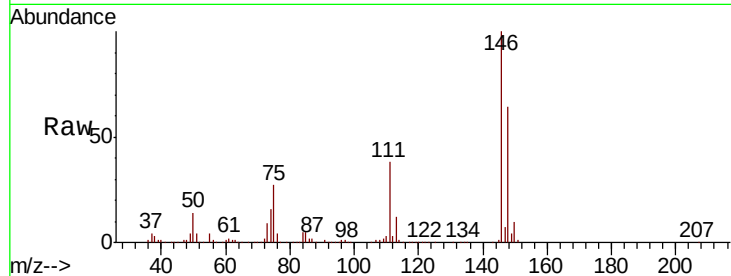




#91
 1,2-Dichlorobenzene
 Concen: 49.002 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

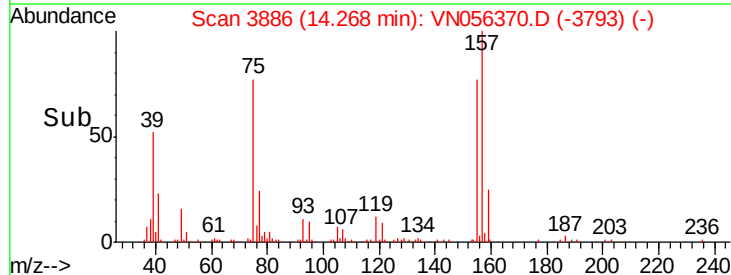
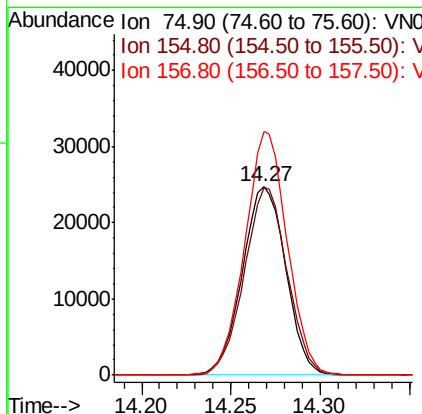
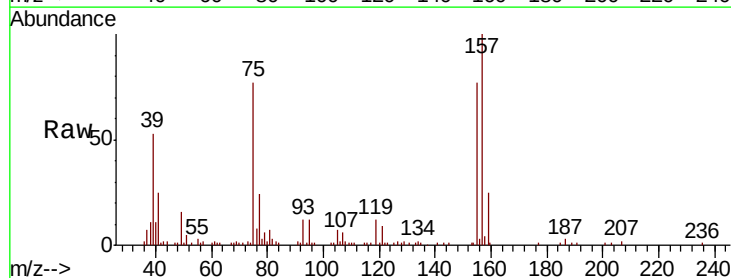
Instrument :
 MSVOA_N
 ClientSampled :

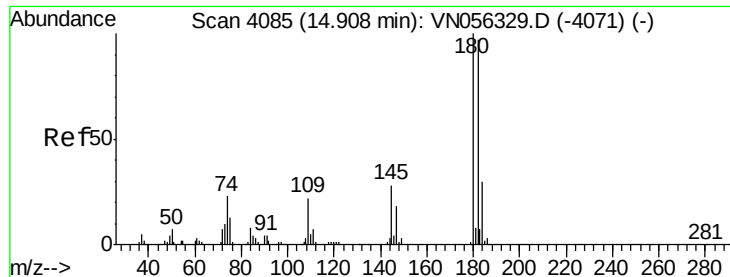
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.2
148	63.9	32.4	97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.064 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.1	47.8	143.4
157	126.1	62.8	188.5

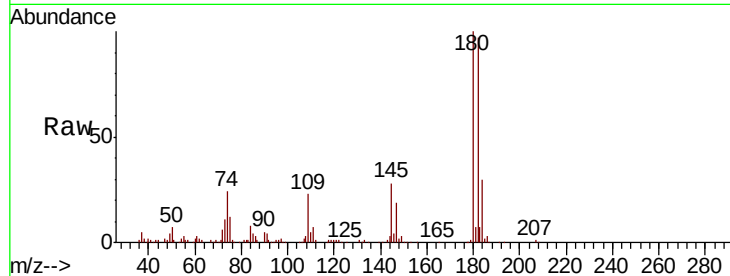




#93
 1,2,4-Trichlorobenzene
 Concen: 46.280 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.4	142.3
145	28.5	14.0	41.9

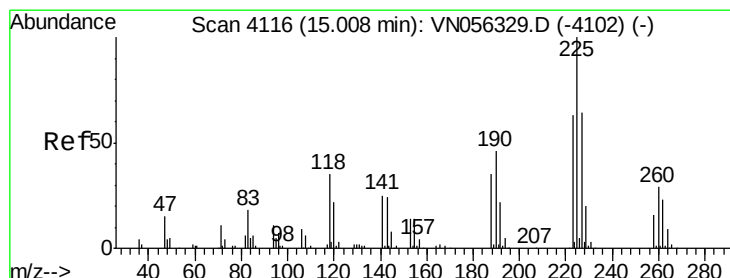
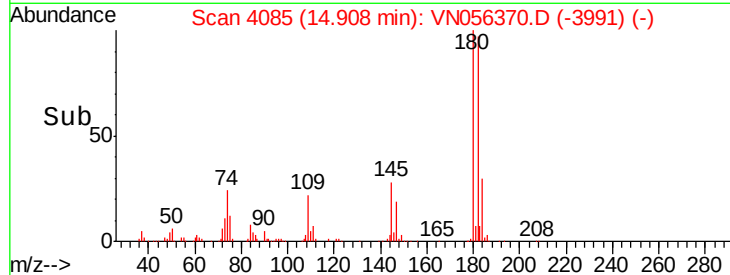
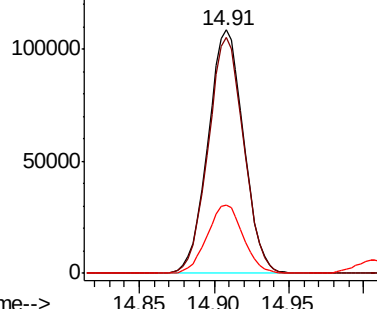


Abundance

Ion 179.80 (179.50 to 180.50): V

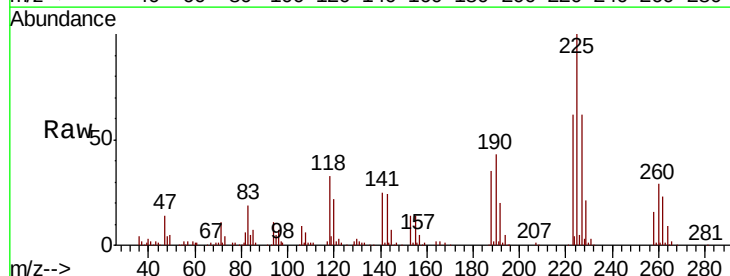
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 50.522 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.2	93.6
227	64.1	31.7	95.1

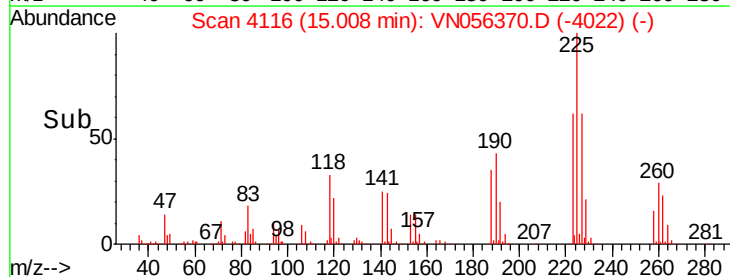
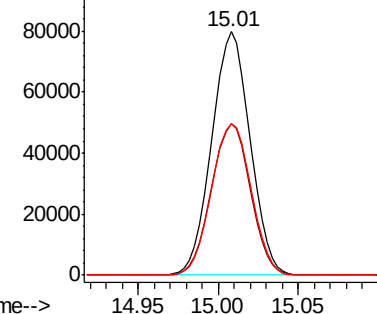


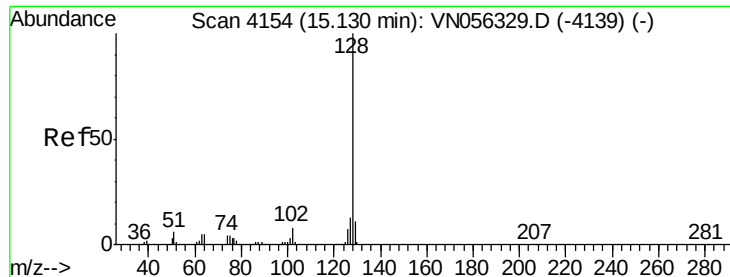
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

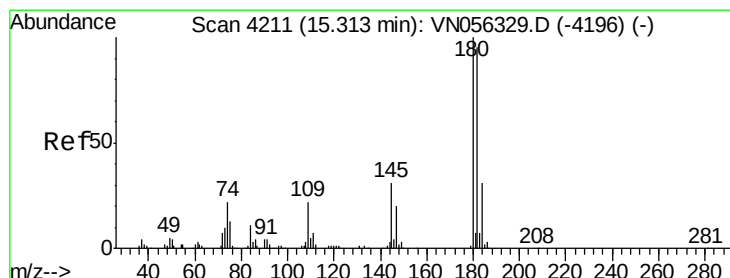
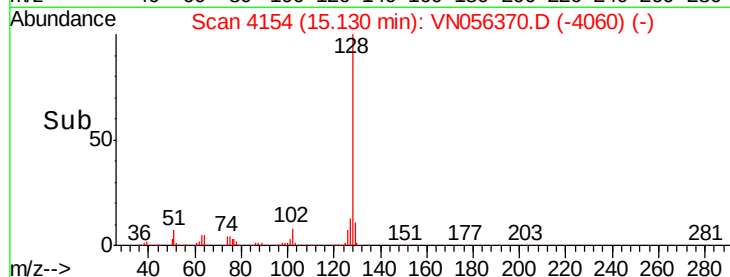
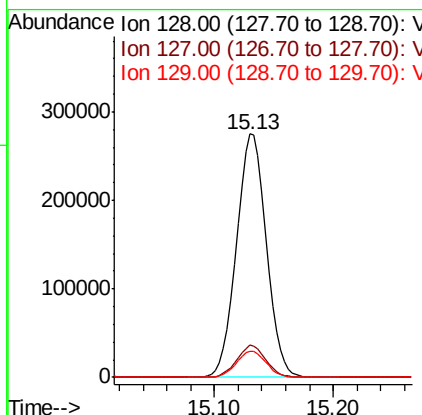
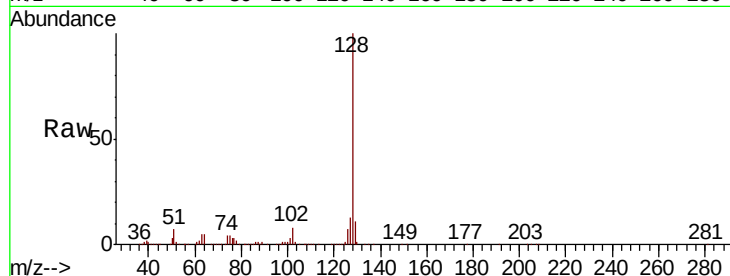




#95
Naphthalene
Concen: 46.499 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 477813
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 47.889 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion:180 Resp: 195978
Ion Ratio Lower Upper
180 100
182 95.1 47.1 141.4
145 30.8 14.9 44.9

