

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061719\
 Data File : VN056331.D
 Acq On : 17 Jun 2019 10:48
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 18 03:21:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 03:14:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	352843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	535913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	491250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	241117	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	566097	117.54	ug/l	0.00
Spiked Amount						
			Recovery	=	235.08%	
35) Dibromofluoromethane	7.59	113	502081	114.08	ug/l	0.00
Spiked Amount						
			Recovery	=	228.16%	
50) Toluene-d8	10.09	98	1931109	114.40	ug/l	0.00
Spiked Amount						
			Recovery	=	228.80%	
62) 4-Bromofluorobenzene	12.40	95	688238	119.33	ug/l	0.00
Spiked Amount						
			Recovery	=	238.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	477649	117.827	ug/l	99
3) Chloromethane	2.06	50	609688	124.004	ug/l	100
4) Vinyl Chloride	2.18	62	603447	123.059	ug/l	100
5) Bromomethane	2.52	94	289064	95.855	ug/l	99
6) Chloroethane	2.66	64	305469	107.634	ug/l	99
7) Trichlorofluoromethane	2.99	101	749965	119.667	ug/l	100
8) Diethyl Ether	3.40	74	301198	118.724	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	477479	123.840	ug/l	99
10) Methyl Iodide	3.93	142	674349	112.857	ug/l	99
11) Tert butyl alcohol	4.82	59	471697	573.315	ug/l	99
12) 1,1-Dichloroethene	3.72	96	483042	125.592	ug/l	97
13) Acrolein	3.60	56	134161	581.191	ug/l	98
14) Allyl chloride	4.31	41	831394	130.836	ug/l	99
15) Acrylonitrile	4.99	53	1359371	664.690	ug/l	99
16) Acetone	3.82	43	1517730	635.357	ug/l	100
17) Carbon Disulfide	4.03	76	1347738	136.763	ug/l	100
18) Methyl Acetate	4.32	43	558790	116.737	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	1516285	124.012	ug/l	99
20) Methylene Chloride	4.54	84	549686	121.499	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	511760	123.386	ug/l	98
22) Diisopropyl ether	5.95	45	1606538	124.965	ug/l	97
23) Vinyl Acetate	5.89	43	6966635	670.706	ug/l	100
24) 1,1-Dichloroethane	5.84	63	937199	126.367	ug/l	100
25) 2-Butanone	6.84	43	2012928	671.338	ug/l	100
26) 2,2-Dichloropropane	6.82	77	674354	121.497	ug/l	100
27) cis-1,2-Dichloroethene	6.82	96	591981	122.155	ug/l	99
28) Bromochloromethane	7.19	49	431409	120.010	ug/l	100
29) Tetrahydrofuran	7.22	42	1208067	669.497	ug/l	99
30) Chloroform	7.37	83	915251	123.621	ug/l	99
31) Cyclohexane	7.65	56	872369	115.363	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	774783	125.444	ug/l	99
36) 1,1-Dichloropropene	7.79	75	715652	120.566	ug/l	99
37) Ethyl Acetate	6.93	43	726597	130.431	ug/l	99
38) Carbon Tetrachloride	7.77	117	683222	123.436	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	906171	123.277	ug/l	99
40) Benzene	8.04	78	2156948	119.793	ug/l	99
41) Methacrylonitrile	7.17	41	372094	142.279	ug/l	94
42) 1,2-Dichloroethane	8.12	62	699498	119.485	ug/l	100
43) Isopropyl Acetate	8.17	43	1156113	131.521	ug/l	98
44) Trichloroethene	8.83	130	593870	117.977	ug/l	100
45) 1,2-Dichloropropane	9.12	63	578458	122.943	ug/l	98
46) Dibromomethane	9.21	93	374574	121.578	ug/l	98
47) Bromodichloromethane	9.40	83	733127	128.097	ug/l	99
48) Methyl methacrylate	9.20	41	584380	133.183	ug/l	98
49) 1,4-Dioxane	9.20	88	236156	2572.941	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	3548252	633.070	ug/l	99
52) Toluene	10.16	92	1336796	119.492	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	811793	137.616	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	905650	133.648	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	538088	121.051	ug/l	99
56) Ethyl methacrylate	10.43	69	866006	130.334	ug/l	98
57) 1,3-Dichloropropane	10.71	76	911242	123.664	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1581522	705.694	ug/l	99
59) 2-Hexanone	10.75	43	2676954	652.521	ug/l	99
60) Dibromochloromethane	10.90	129	601340	132.784	ug/l	100
61) 1,2-Dibromoethane	11.00	107	580664	125.703	ug/l	100
64) Tetrachloroethene	10.63	164	553239	107.023	ug/l	99
65) Chlorobenzene	11.43	112	1474796	119.297	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	551217	126.530	ug/l	99
67) Ethyl Benzene	11.51	91	2603558	120.622	ug/l	99
68) m/p-Xylenes	11.62	106	1979873	240.795	ug/l	100
69) o-Xylene	11.95	106	954662	118.422	ug/l	100
70) Styrene	11.96	104	1664746	127.054	ug/l	100
71) Bromoform	12.13	173	465217	137.978	ug/l #	99
73) Isopropylbenzene	12.25	105	2507222	102.447	ug/l	99
74) N-amyl acetate	12.07	43	979744	115.733	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	787069	108.456	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	972561	167.173	ug/l #	100
77) Bromobenzene	12.53	156	678192	105.016	ug/l	99
78) n-propylbenzene	12.59	91	2877389	110.062	ug/l	100
79) 2-Chlorotoluene	12.67	91	1682155	103.999	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2148463	105.451	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	241217	123.119	ug/l	97
82) 4-Chlorotoluene	12.77	91	1727184	112.652	ug/l	100
83) tert-Butylbenzene	12.99	119	1827277	102.368	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	2135463	110.293	ug/l	100
85) sec-Butylbenzene	13.17	105	2445347	107.177	ug/l	100
86) p-Isopropyltoluene	13.29	119	2259026	111.328	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1166251	115.651	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1153551	118.677	ug/l	100
89) n-Butylbenzene	13.61	91	1918233	125.510	ug/l	99
90) Hexachloroethane	13.87	117	394495	119.051	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1140425	113.189	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	151532	137.844	ug/l	99

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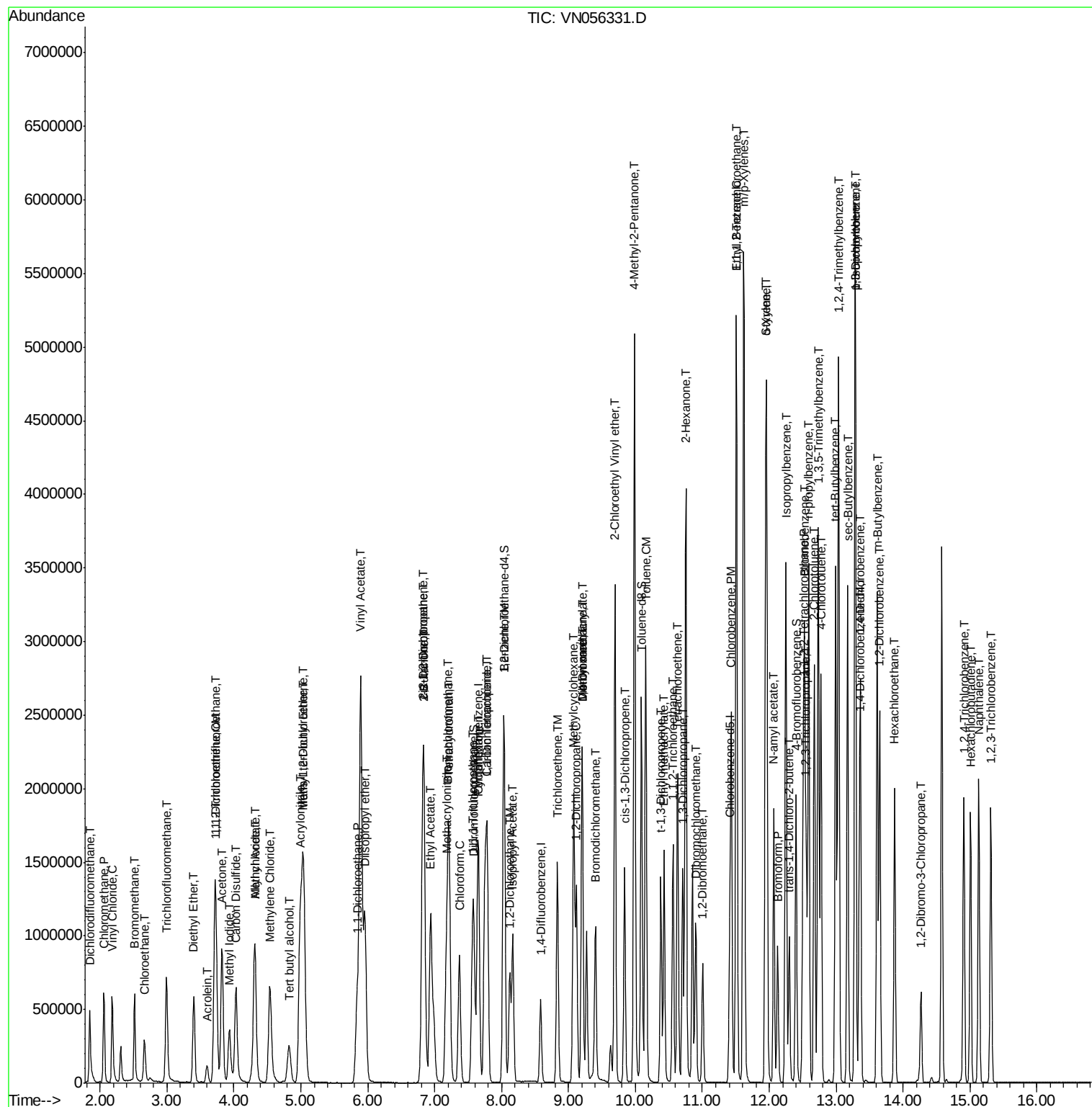
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	698764	153.136	ug/l	99
94) Hexachlorobutadiene	15.01	225	401921	105.282	ug/l	100
95) Naphthalene	15.13	128	1823281	151.582	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	707085	143.574	ug/l	99

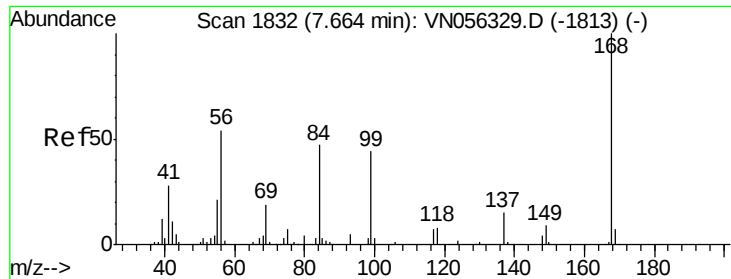
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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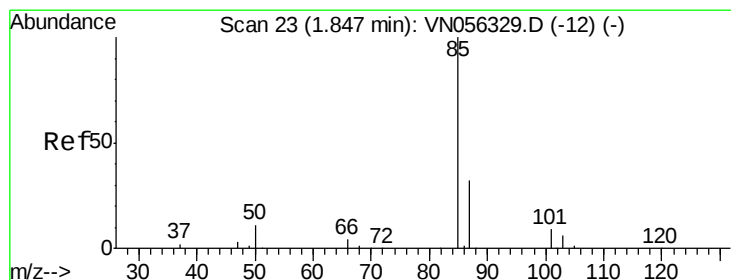
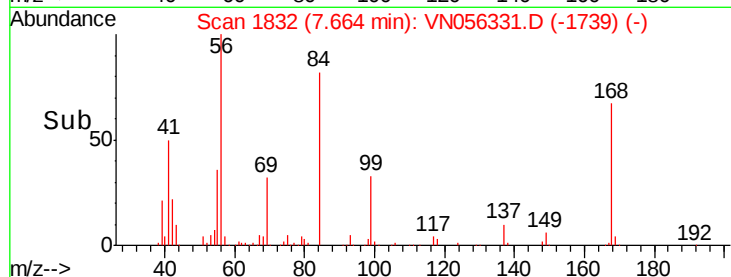
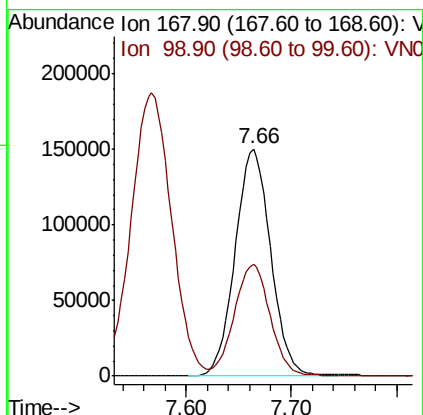
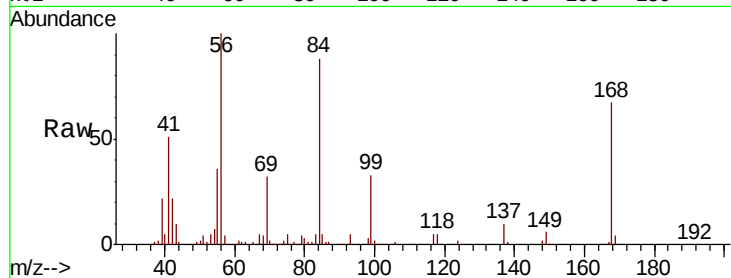




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.00 min
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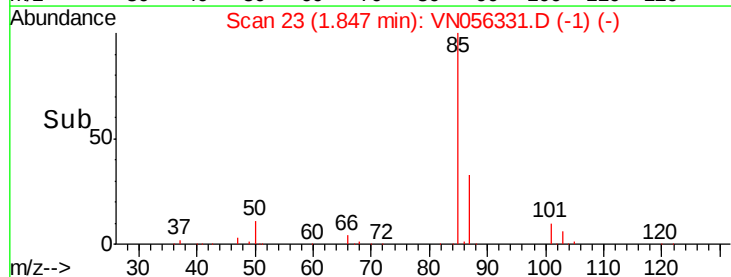
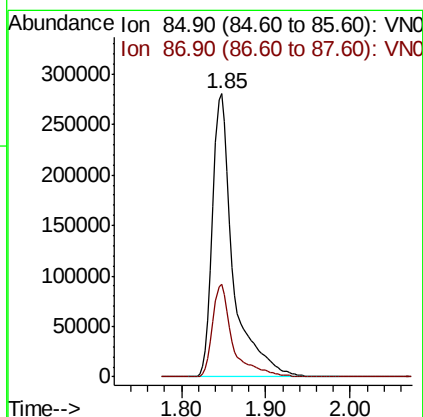
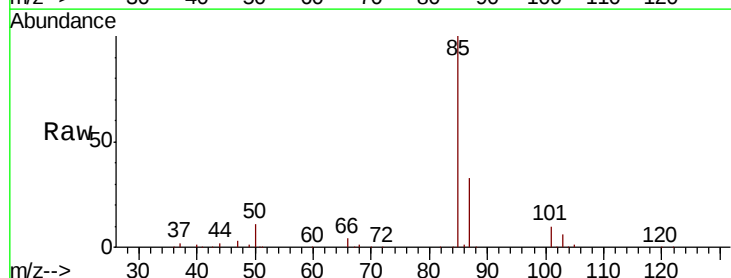
Instrument :
MSVOA_N
ClientSampled :

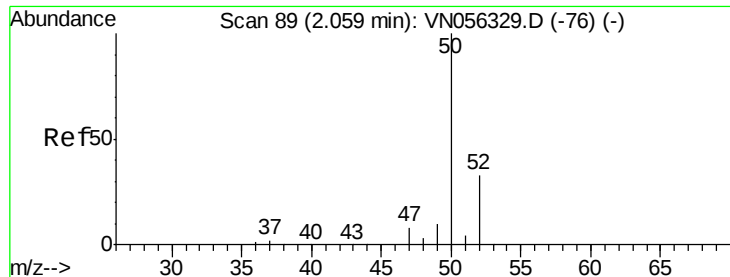
Tot Ion:168 Resp: 352843
Ion Ratio Lower Upper
168 100
99 48.7 40.2 60.2



#2
Dichlorodifluoromethane
Concen: 117.827 ug/l
RT: 1.85 min Scan# 23
Delta R.T. -0.00 min
Lab File: VN056331.D
Acq: 17 Jun 2019 10:48

Tgt Ion: 85 Resp: 477649
Ion Ratio Lower Upper
85 100
87 32.6 16.2 48.5





#3

Chloromethane

Concen: 124.004 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN056331.D

Acq: 17 Jun 2019 10:48

Instrument :

MSVOA_N

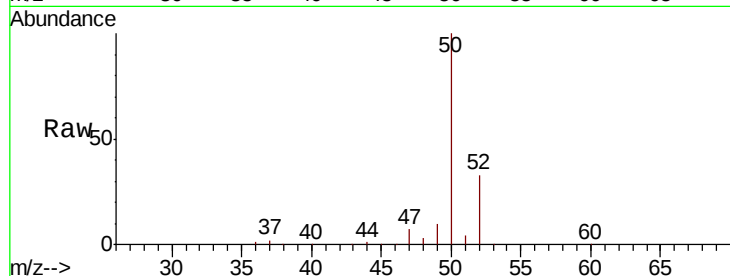
ClientSampleId :

Tot Ion: 50 Resp: 609688

Ion Ratio Lower Upper

50 100

52 32.9 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

400000

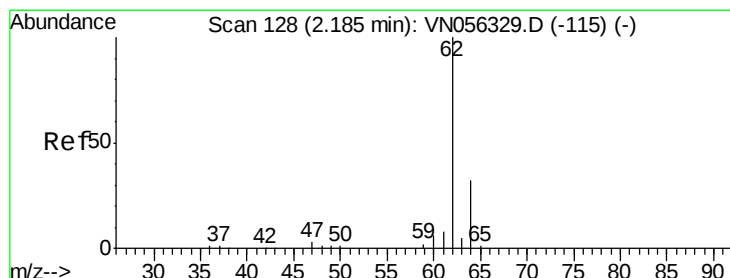
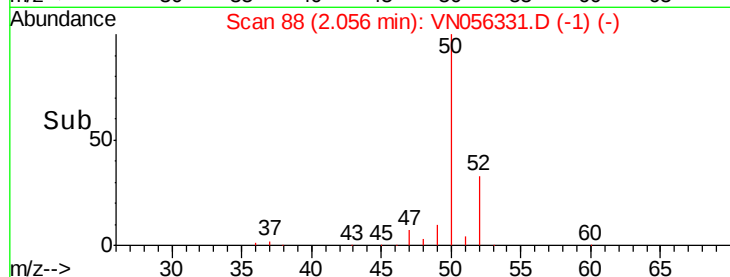
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 123.059 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056331.D

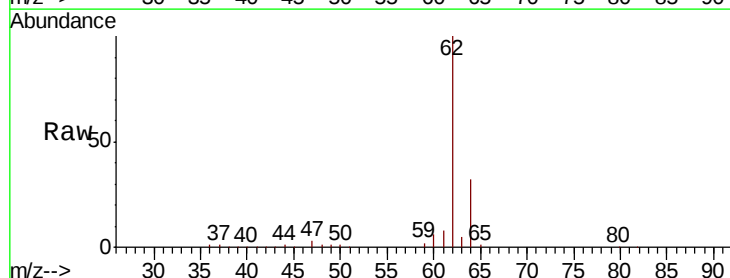
Acq: 17 Jun 2019 10:48

Tgt Ion: 62 Resp: 603447

Ion Ratio Lower Upper

62 100

64 32.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.18

400000

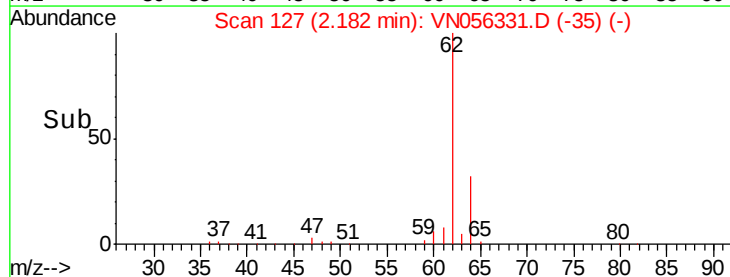
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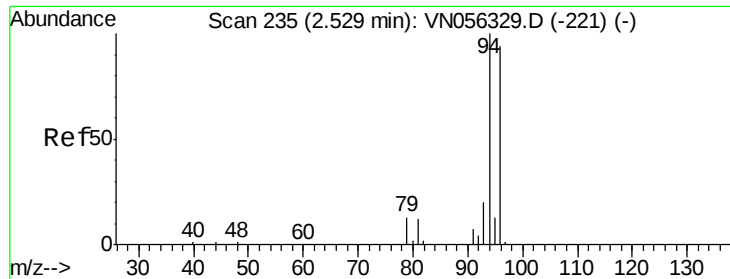
200000

100000

0

Time-->





#5

Bromomethane

Concen: 95.855 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.01 min

Lab File: VN056331.D

Acq: 17 Jun 2019 10:48

Instrument :

MSVOA_N

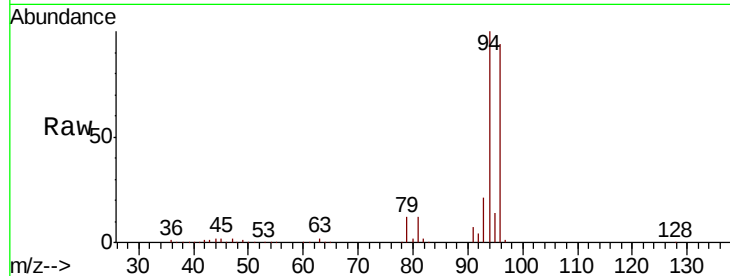
ClientSampleId :

Tot Ion: 94 Resp: 289064

Ion Ratio Lower Upper

94 100

96 94.3 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

250000

200000

150000

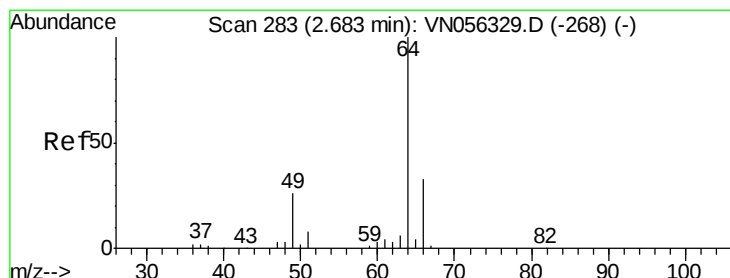
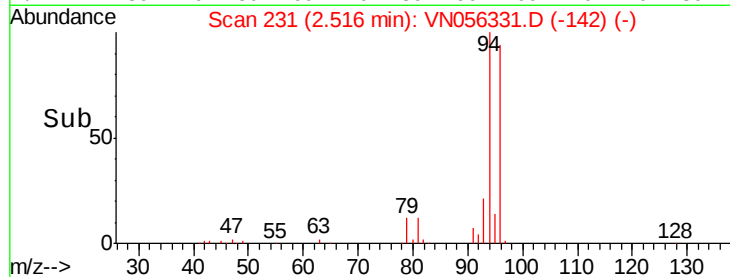
100000

50000

0

2.45 2.50 2.55 2.60

Time-->



#6

Chloroethane

Concen: 107.634 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.02 min

Lab File: VN056331.D

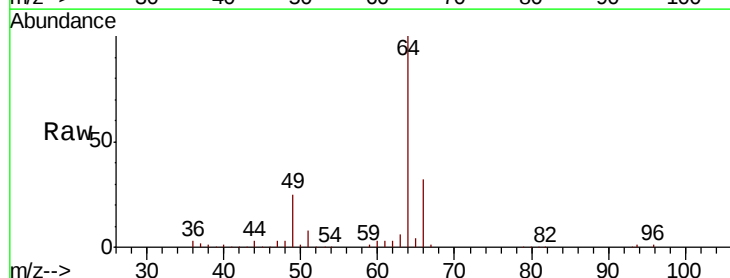
Acq: 17 Jun 2019 10:48

Tgt Ion: 64 Resp: 305469

Ion Ratio Lower Upper

64 100

66 32.4 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

150000

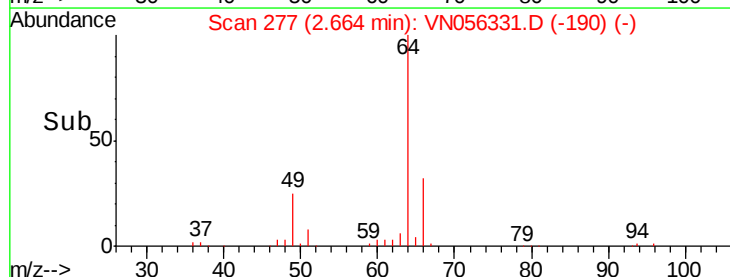
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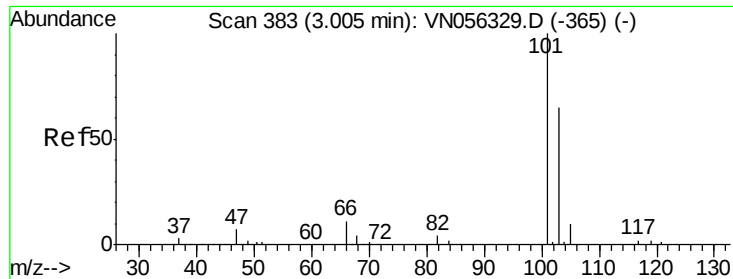
50000

0

2.60 2.65 2.70 2.75

Time-->



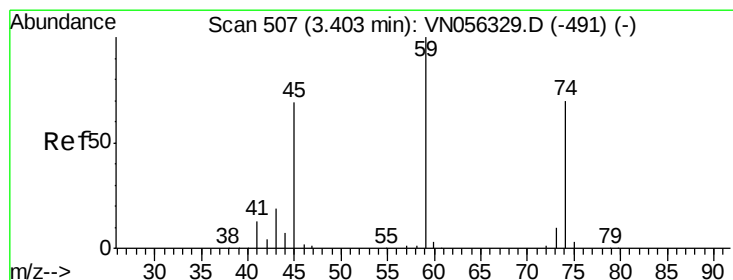
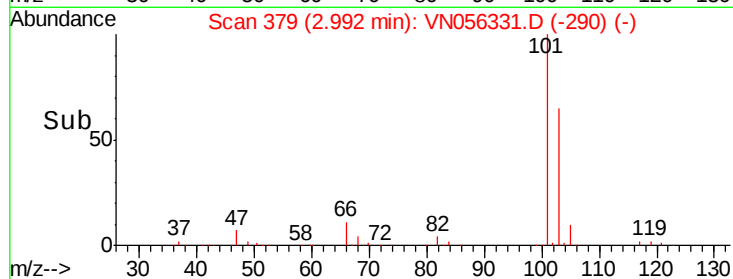
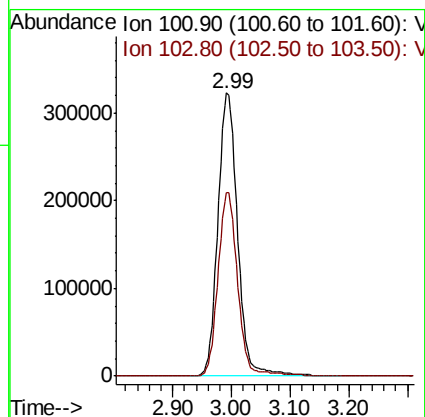
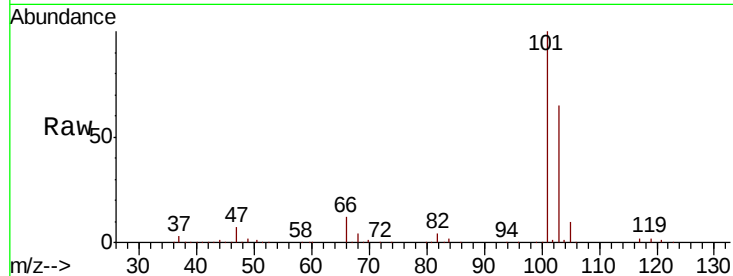


#7

Trichlorofluoromethane
 Concen: 119.667 ug/l
 RT: 2.99 min Scan# 379
 Delta R.T. -0.01 min
 Lab File: VN056331.D
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Instrument :
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 ClientSampleId :

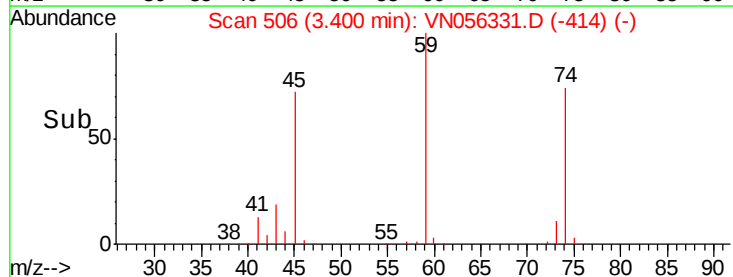
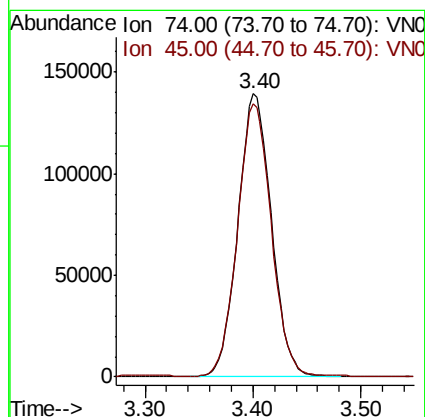
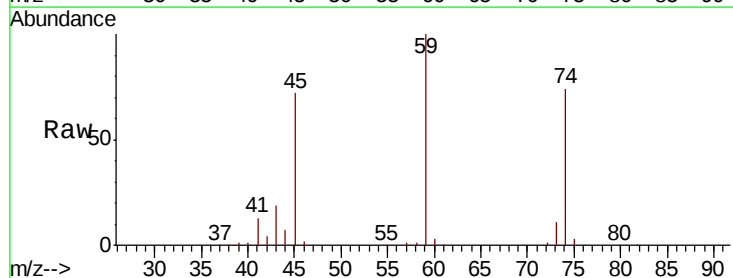
Tot Ion:101 Resp: 749965
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.1 78.1

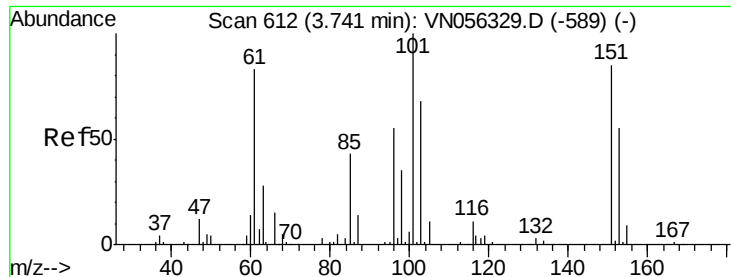


#8

Diethyl Ether
 Concen: 118.724 ug/l
 RT: 3.40 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: VN056331.D
 Acq: 17 Jun 2019 10:48

Tgt Ion: 74 Resp: 301198
 Ion Ratio Lower Upper
 74 100
 45 97.0 49.0 147.0

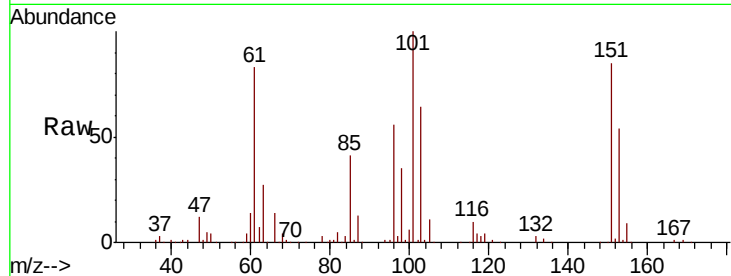




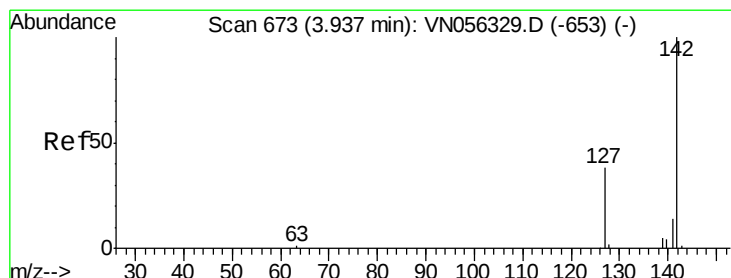
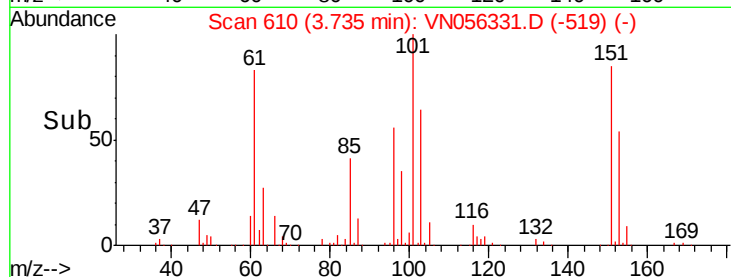
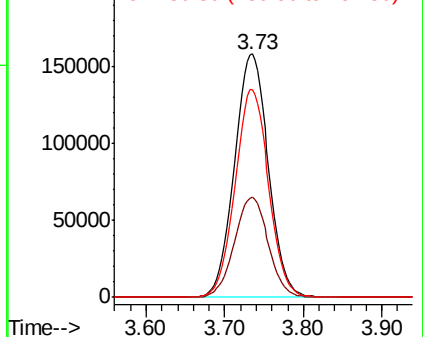
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 123.840 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: VN056331.D
 Acq: 17 Jun 2019 10:48

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:101 Resp: 477479
 Ion Ratio Lower Upper
 101 100
 85 41.1 33.8 50.8
 151 84.4 67.4 101.0

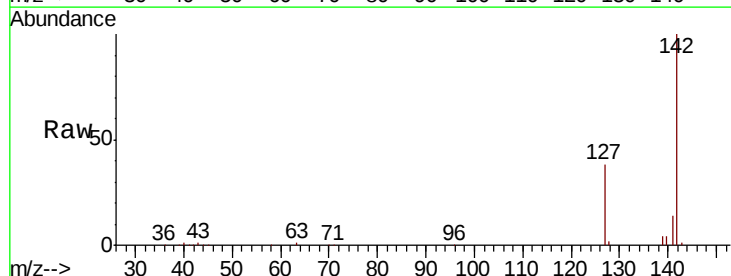


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

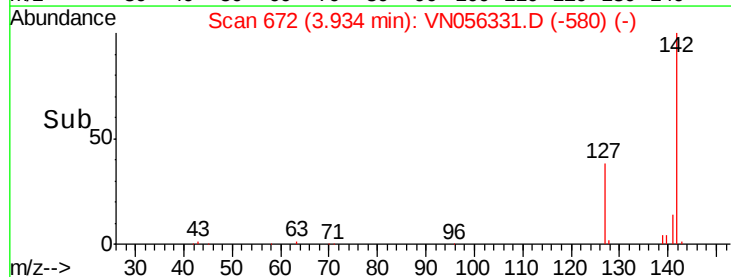
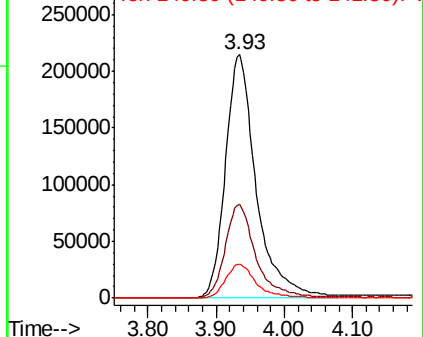


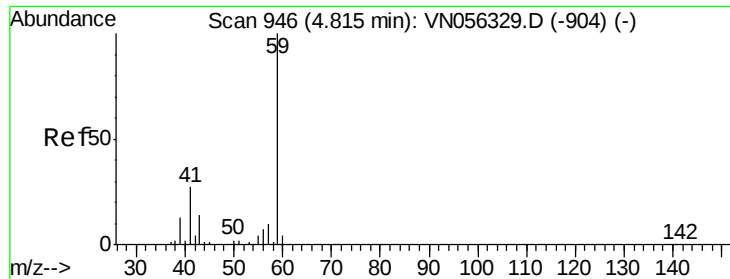
#10
 Methyl Iodide
 Concen: 112.857 ug/l
 RT: 3.93 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: VN056331.D
 Acq: 17 Jun 2019 10:48

Tgt Ion:142 Resp: 674349
 Ion Ratio Lower Upper
 142 100
 127 38.2 30.8 46.2
 141 13.9 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

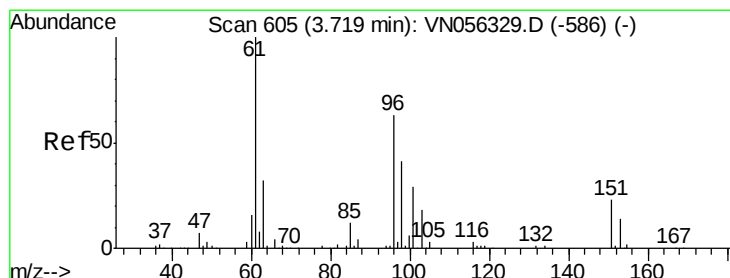
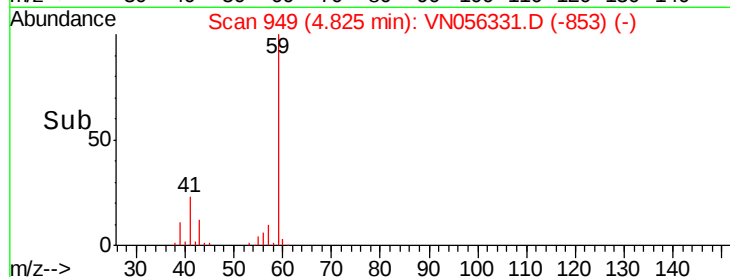
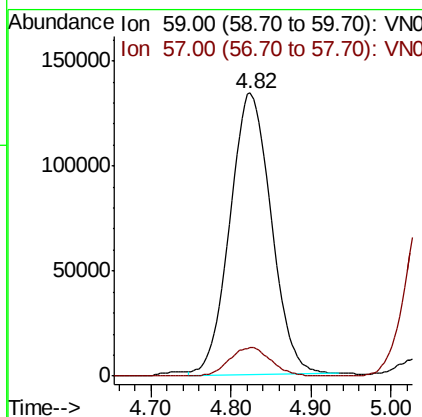
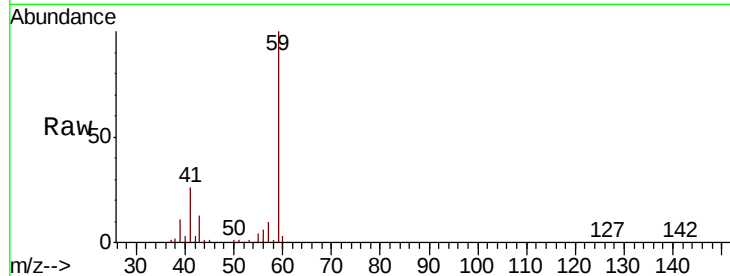




#11
Tert butyl alcohol
Concen: 573.315 ug/l
RT: 4.82 min Scan# 949
Delta R.T. 0.01 min
Lab File: VN056331.D
Acq: 17 Jun 2019 10:48

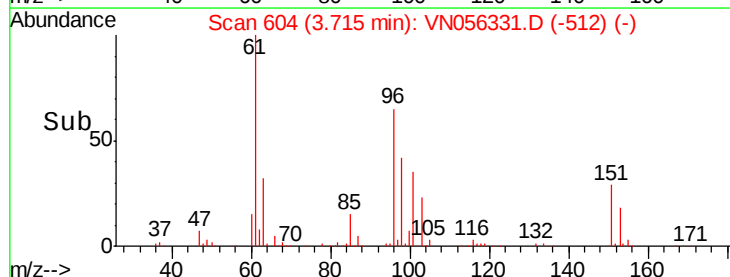
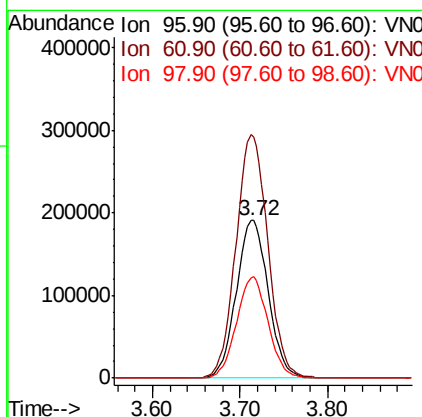
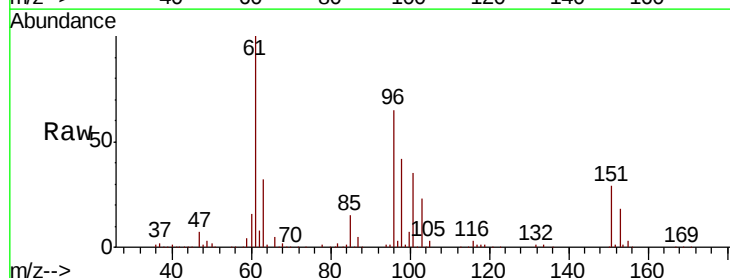
Instrument :
MSVOA_N
ClientSampled :

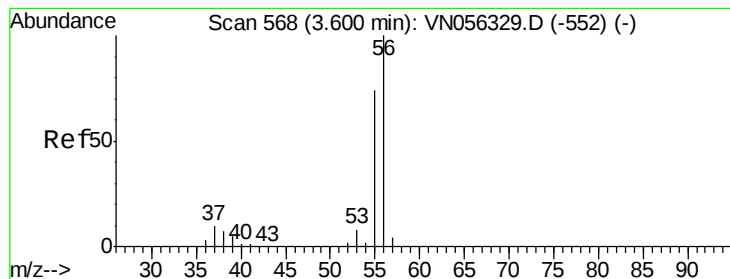
Tot Ion: 59 Resp: 471697
Ion Ratio Lower Upper
59 100
57 10.3 7.8 11.8



#12
1,1-Dichloroethene
Concen: 125.592 ug/l
RT: 3.72 min Scan# 604
Delta R.T. -0.00 min
Lab File: VN056331.D
Acq: 17 Jun 2019 10:48

Tgt Ion: 96 Resp: 483042
Ion Ratio Lower Upper
96 100
61 153.5 127.4 191.2
98 64.4 51.7 77.5





#13

Acrolein

Concen: 581.191 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN056331.D

Acq: 17 Jun 2019 10:48

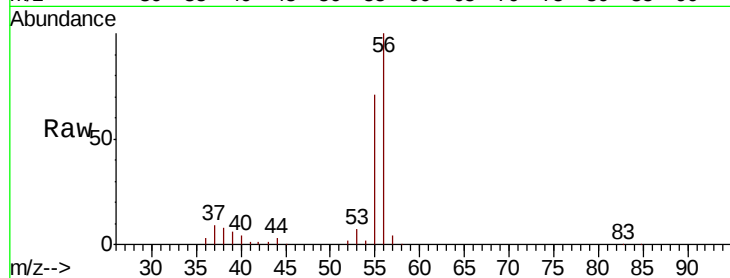
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 134161

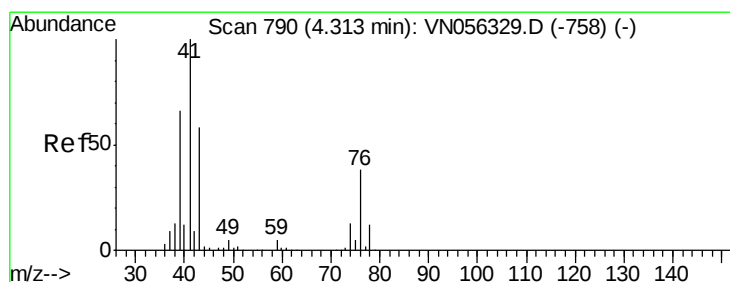
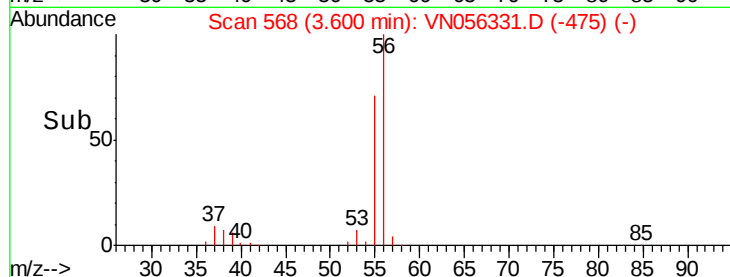
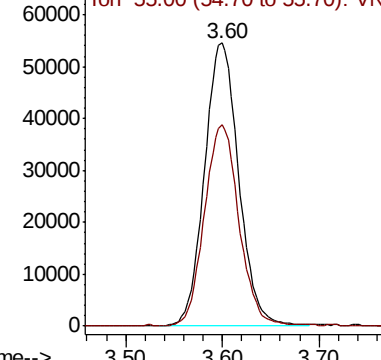
Ion Ratio Lower Upper

56 100

55 71.9 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 130.836 ug/l

RT: 4.31 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN056331.D

Acq: 17 Jun 2019 10:48

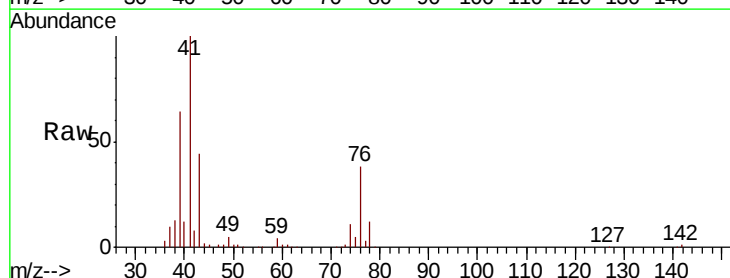
Tgt Ion: 41 Resp: 831394

Ion Ratio Lower Upper

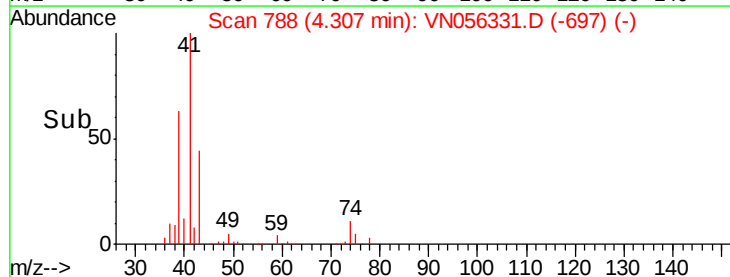
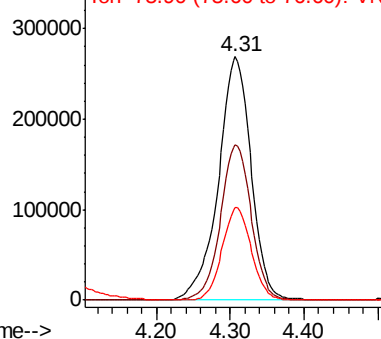
41 100

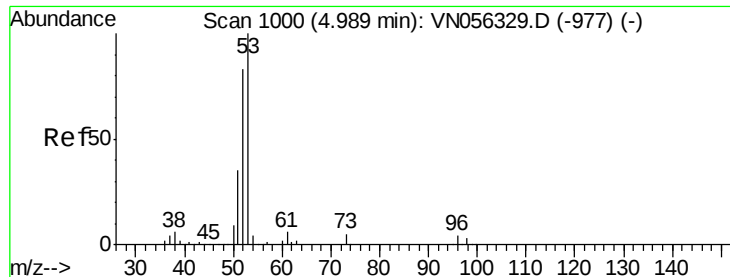
39 60.2 48.9 73.3

76 33.8 27.2 40.8



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 664.690 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN056331.D

Acq: 17 Jun 2019 10:48

Instrument :

MSVOA_N

ClientSampleId :

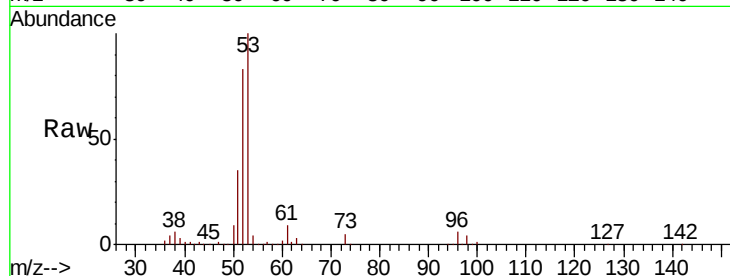
Tot Ion: 53 Resp: 1359371

Ion Ratio Lower Upper

53 100

52 82.8 65.4 98.2

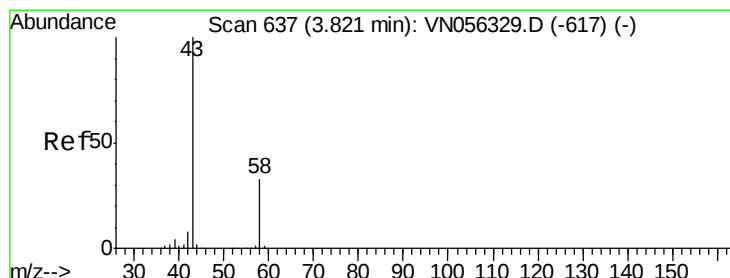
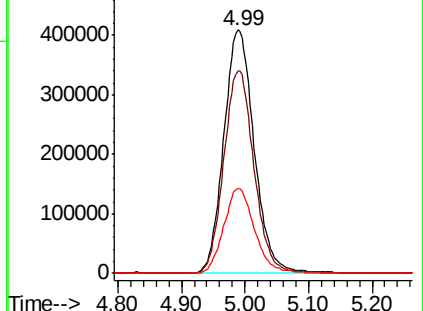
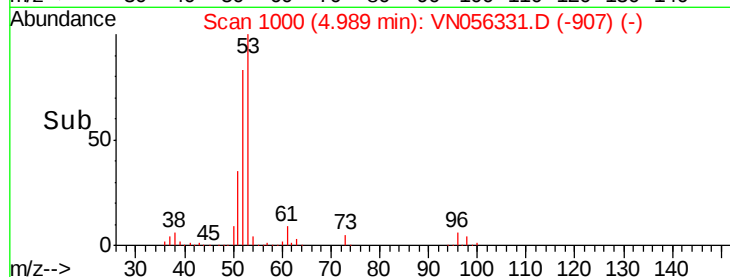
51 35.5 28.5 42.7



Abundance Ion 53.00 (52.70 to 53.70): VN056331.D (-907) (-)

Ion 52.00 (51.70 to 52.70): VN056331.D (-907) (-)

Ion 51.00 (50.70 to 51.70): VN056331.D (-907) (-)



#16

Acetone

Concen: 635.357 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN056331.D

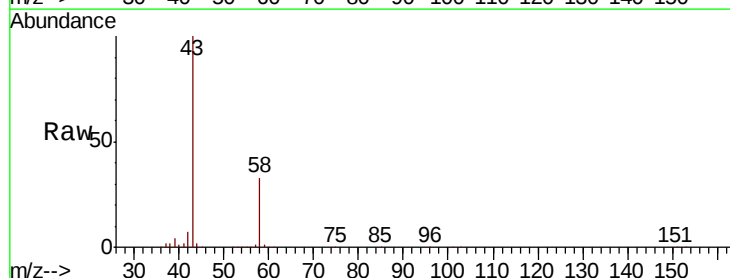
Acq: 17 Jun 2019 10:48

Tgt Ion: 43 Resp: 1517730

Ion Ratio Lower Upper

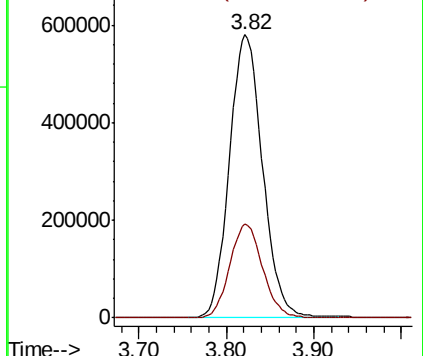
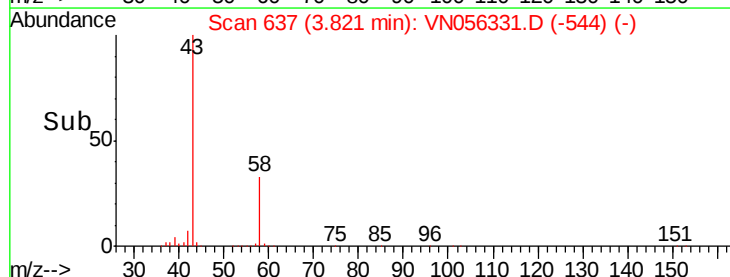
43 100

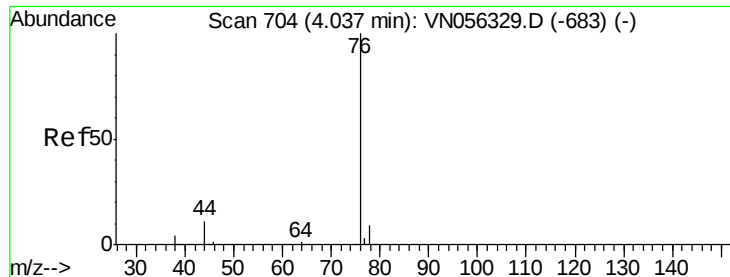
58 33.2 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VN056331.D (-544) (-)

Ion 58.00 (57.70 to 58.70): VN056331.D (-544) (-)

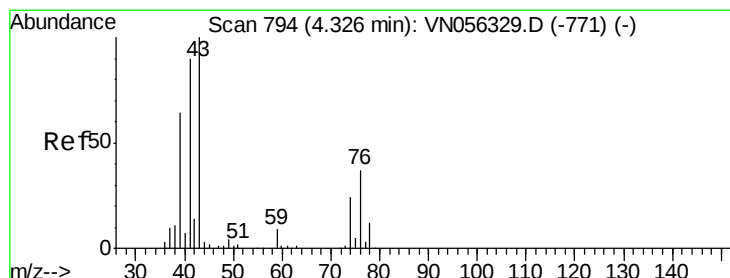
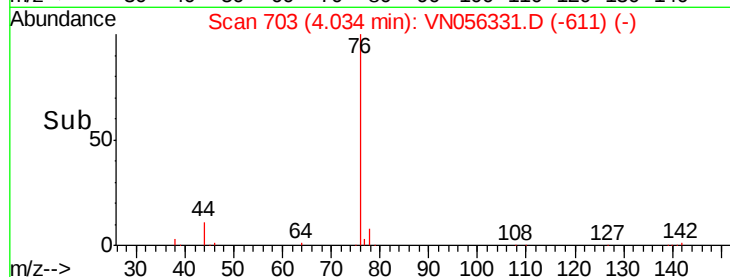
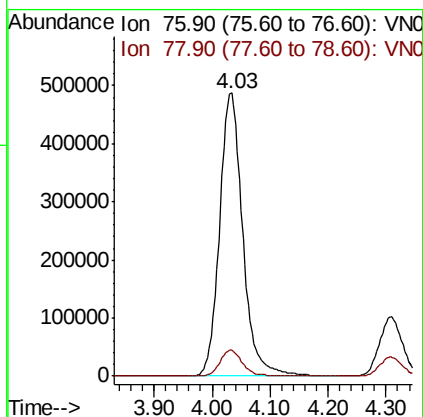
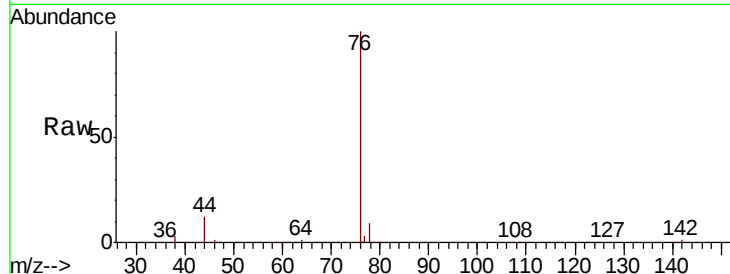




#17
Carbon Disulfide
Concen: 136.763 ug/l
RT: 4.03 min Scan# 703
Delta R.T. -0.00 min
Lab File: VN056331.D
Acq: 17 Jun 2019 10:48

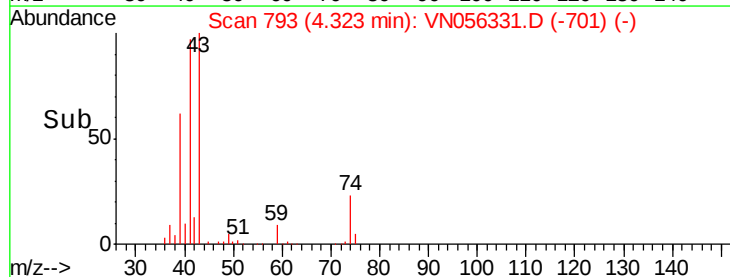
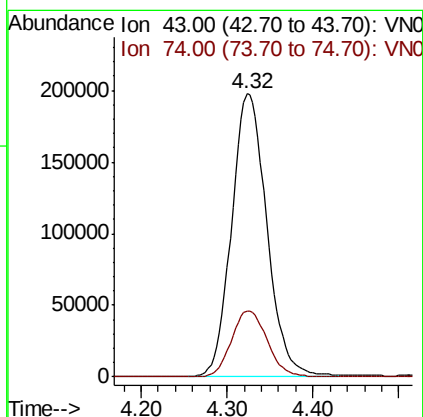
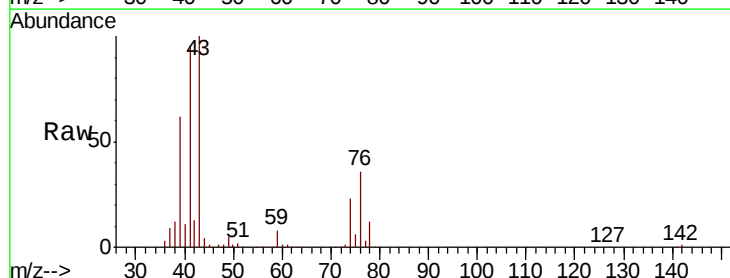
Instrument :
MSVOA_N
ClientSampled :

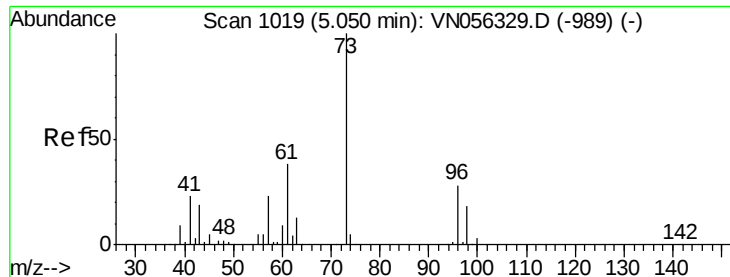
Tot Ion: 76 Resp: 1347738
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 116.737 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN056331.D
Acq: 17 Jun 2019 10:48

Tgt Ion: 43 Resp: 558790
Ion Ratio Lower Upper
43 100
74 23.9 19.4 29.2

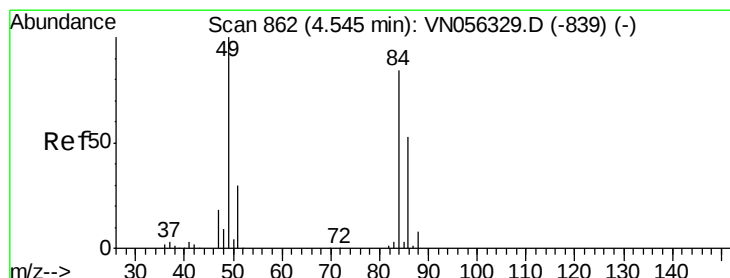
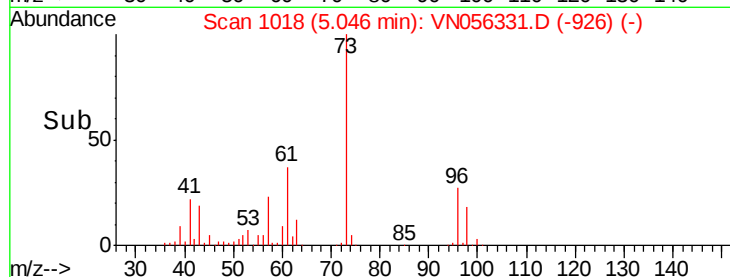
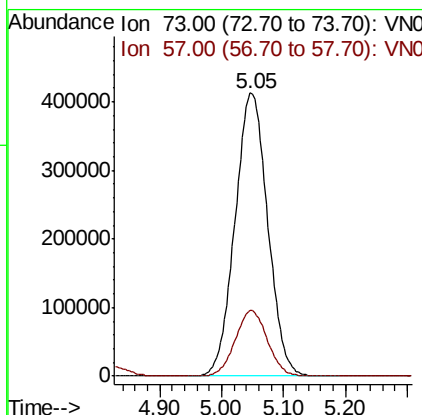
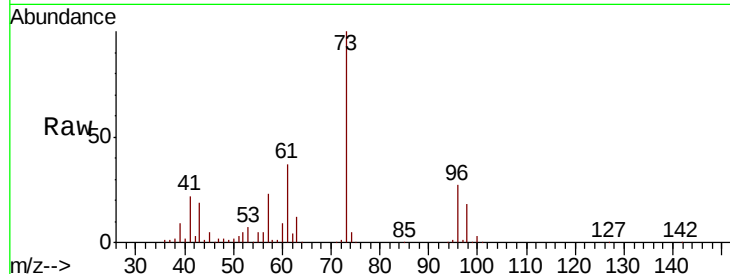




#19
Methyl tert-butyl Ether
Concen: 124.012 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN056331.D
Acq: 17 Jun 2019 10:48

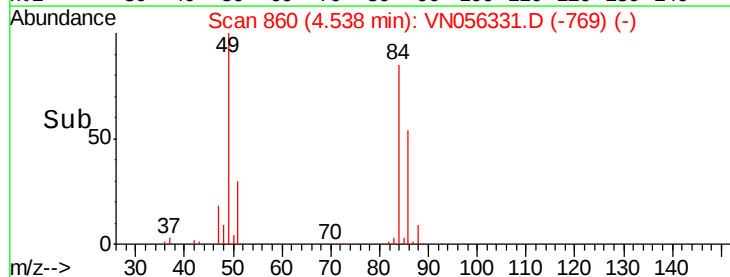
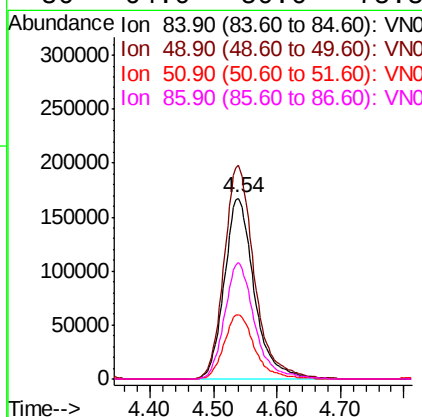
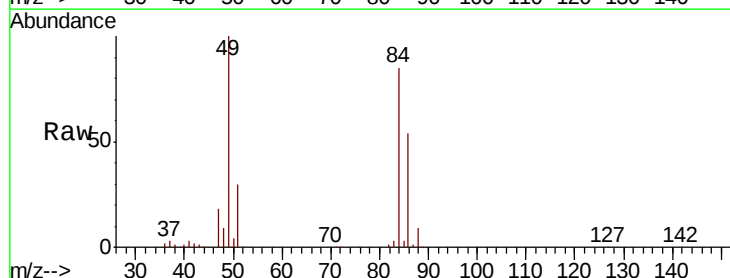
Instrument :
MSVOA_N
ClientSampled :

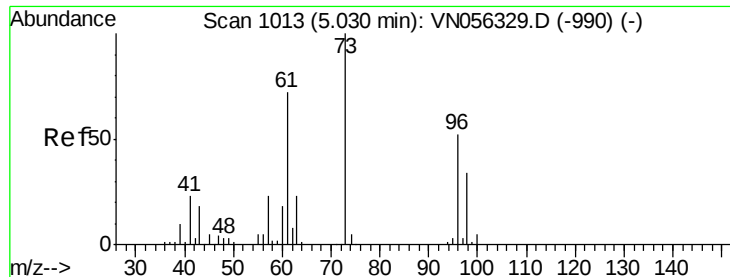
Tot Ion: 73 Resp: 1516285
Ion Ratio Lower Upper
73 100
57 23.1 18.1 27.1



#20
Methylene Chloride
Concen: 121.499 ug/l
RT: 4.54 min Scan# 860
Delta R.T. -0.01 min
Lab File: VN056331.D
Acq: 17 Jun 2019 10:48

Tgt Ion: 84 Resp: 549686
Ion Ratio Lower Upper
84 100
49 117.9 95.0 142.6
51 35.5 28.2 42.4
86 64.0 50.6 75.8



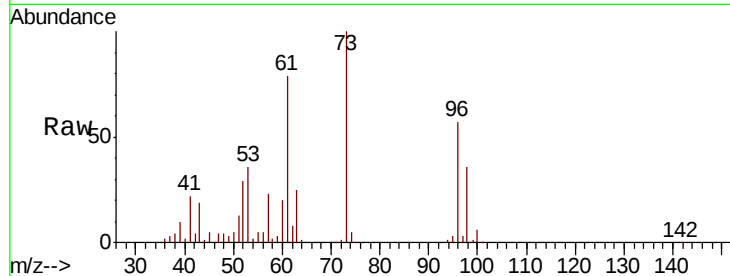


#21

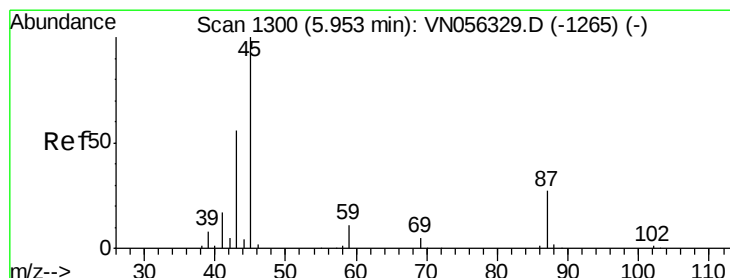
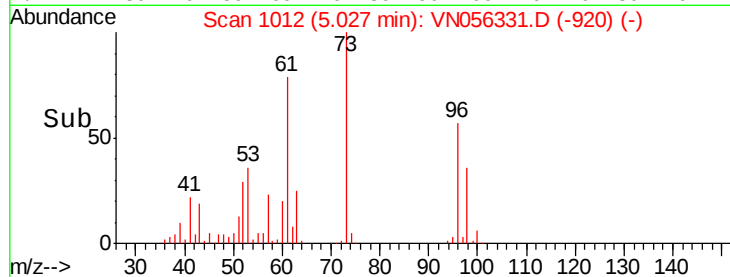
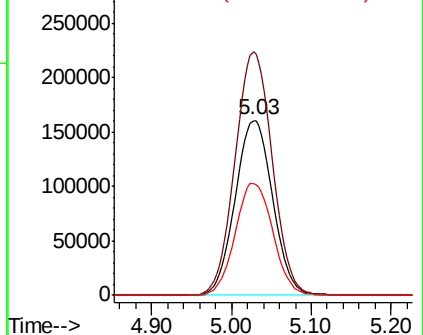
trans-1,2-Dichloroethene
Concen: 123.386 ug/l
RT: 5.03 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN056331.D
Acq: 17 Jun 2019 10:48

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 511760
Ion Ratio Lower Upper
96 100
61 139.1 109.8 164.6
98 63.8 52.0 78.0



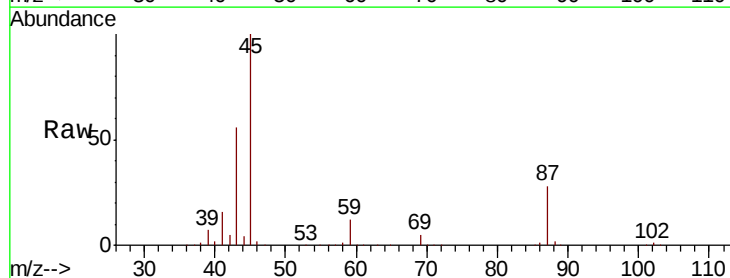
Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC



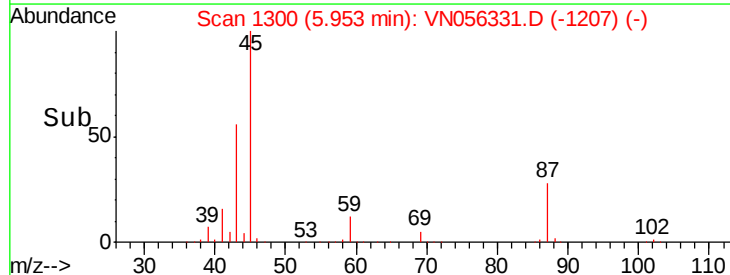
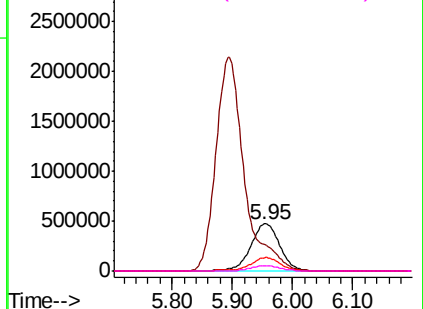
#22

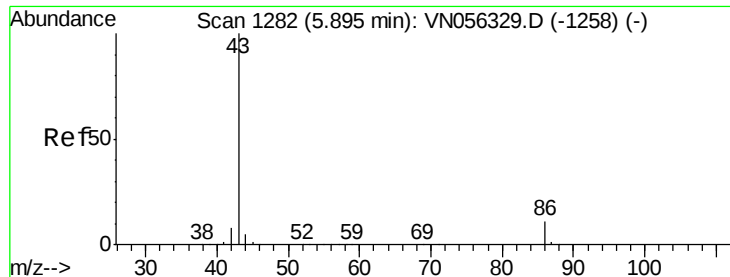
Diisopropyl ether
Concen: 124.965 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN056331.D
Acq: 17 Jun 2019 10:48

Tgt Ion: 45 Resp: 1606538
Ion Ratio Lower Upper
45 100
43 55.7 47.0 70.6
87 28.3 22.4 33.6
59 11.7 9.2 13.8



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

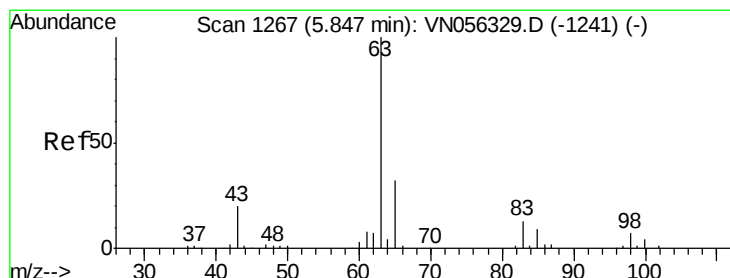
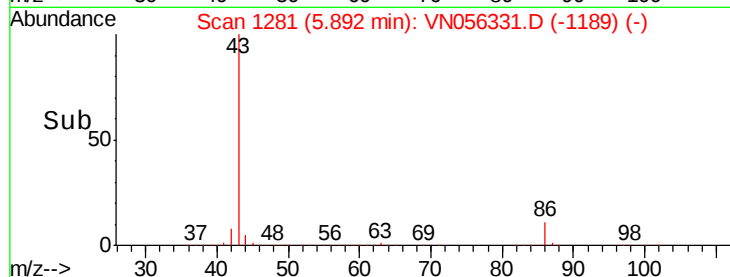
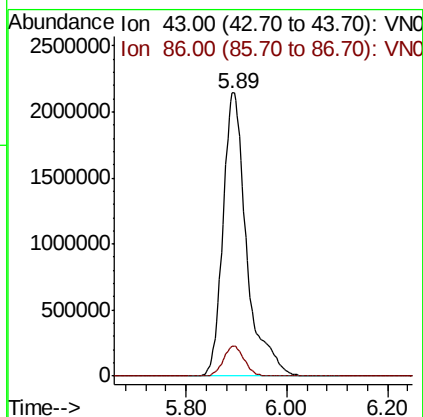
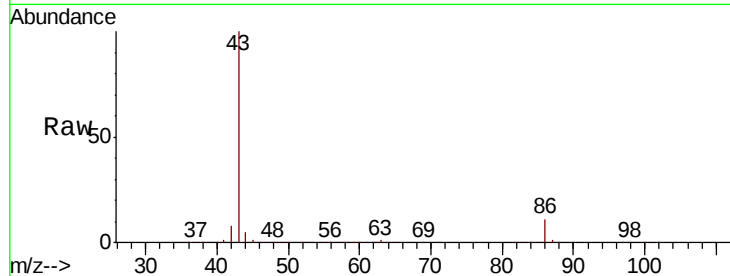




#23
 Vinyl Acetate
 Concen: 670.706 ug/l
 RT: 5.89 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VN056331.D
 Acq: 17 Jun 2019 10:48

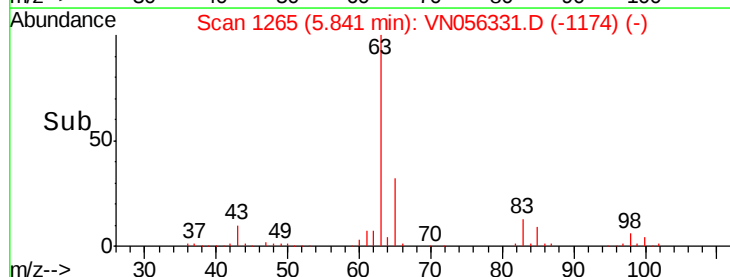
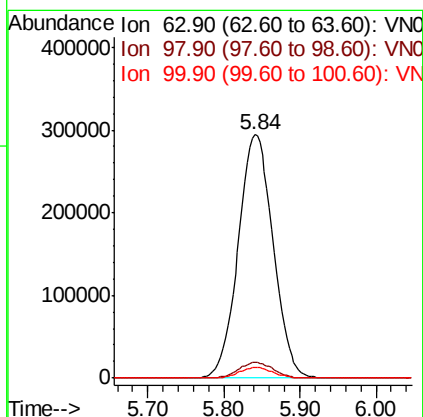
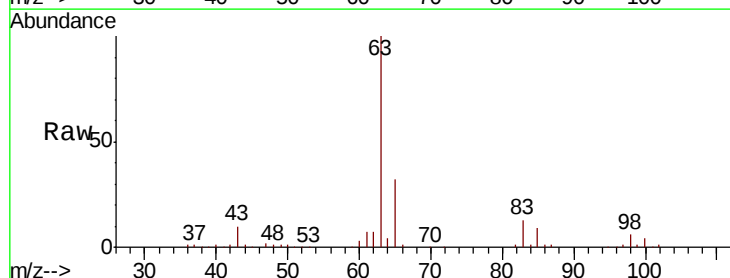
Instrument :
 MSVOA_N
 ClientSampleId :

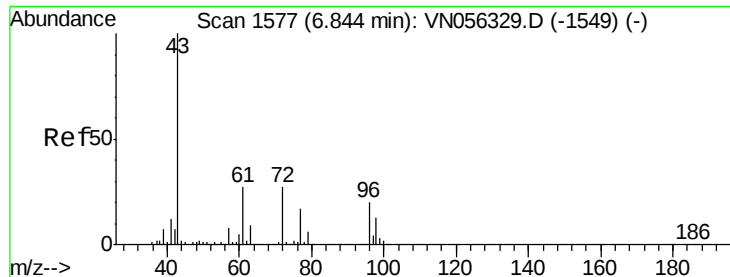
Tot Ion: 43 Resp: 6966635
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 126.367 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: VN056331.D
 Acq: 17 Jun 2019 10:48

Tgt Ion: 63 Resp: 937199
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.8
 100 4.3 2.2 6.6

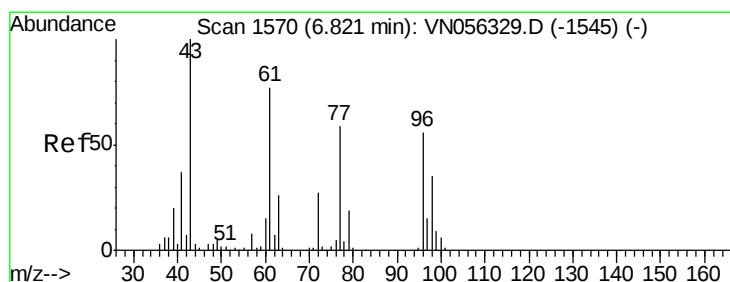
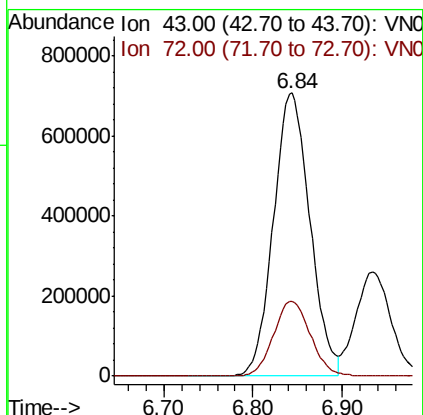
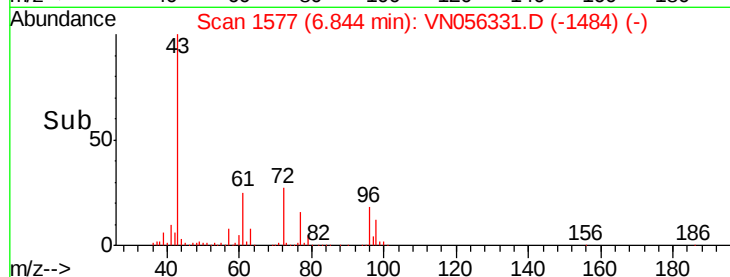
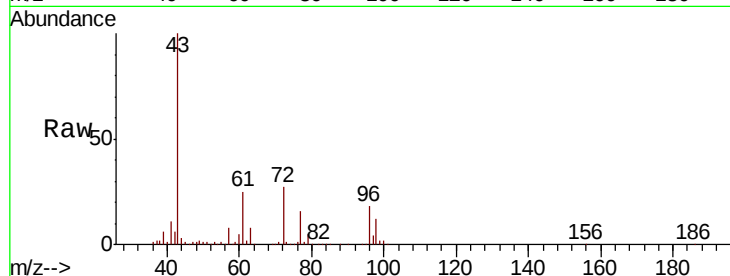




#25
2-Butanone
Concen: 671.338 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. -0.00 min
Lab File: VN056331.D
Acq: 17 Jun 2019 10:48

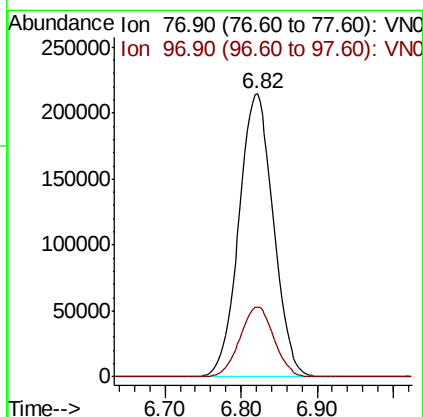
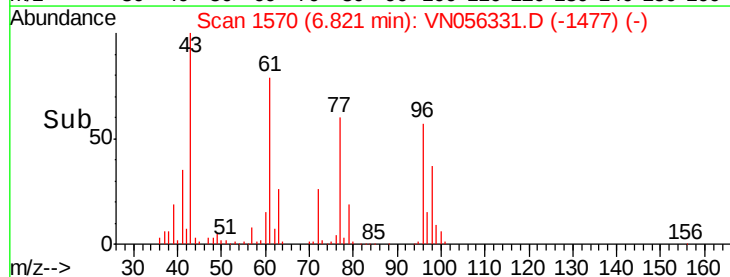
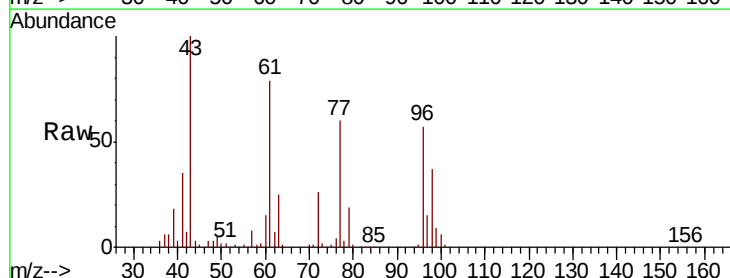
Instrument :
MSVOA_N
ClientSampled :

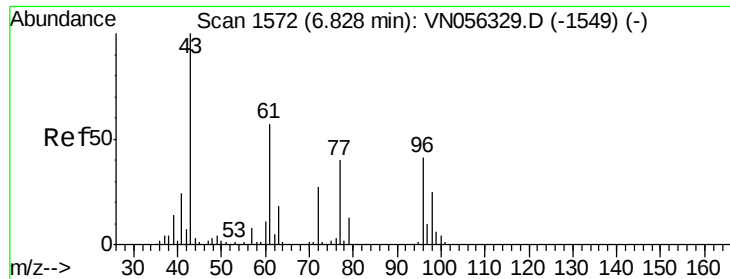
Tot Ion: 43 Resp: 2012928
Ion Ratio Lower Upper
43 100
72 26.6 21.4 32.2



#26
2,2-Dichloropropane
Concen: 121.497 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN056331.D
Acq: 17 Jun 2019 10:48

Tgt Ion: 77 Resp: 674354
Ion Ratio Lower Upper
77 100
97 24.5 12.2 36.6

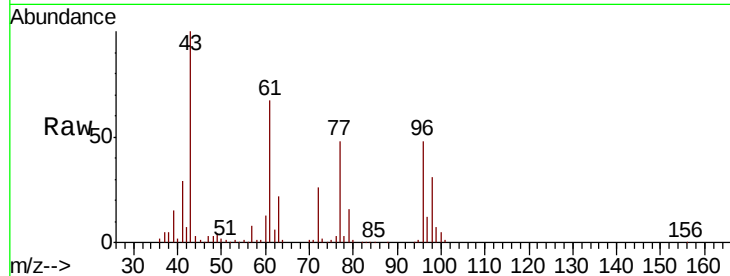




#27
 cis-1,2-Dichloroethene
 Concen: 122.155 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN056331.D
 Acq: 17 Jun 2019 10:48

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	96	Resp	591981
Ion	Ratio	Lower	Upper
96	100		
61	140.2	0.0	278.6
98	64.9	0.0	127.0

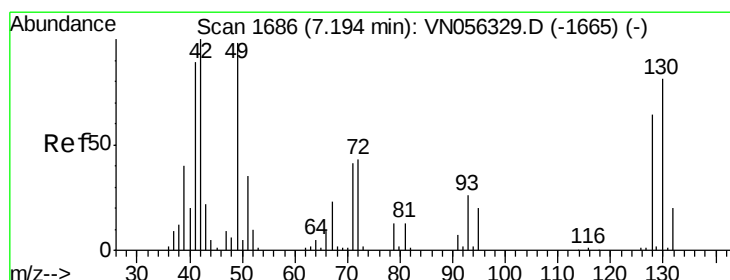
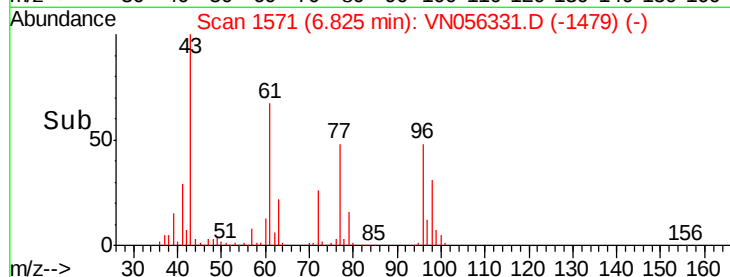
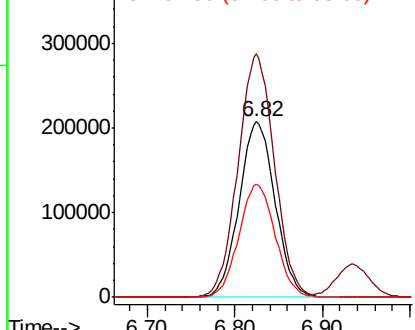


Abundance

Ion 95.90 (95.60 to 96.60): VN0

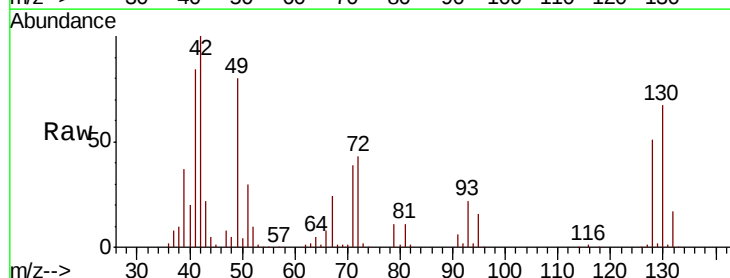
Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28
 Bromochloromethane
 Concen: 120.010 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VN056331.D
 Acq: 17 Jun 2019 10:48

Tgt Ion	49	Resp	431409
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	83.1	66.4	99.6

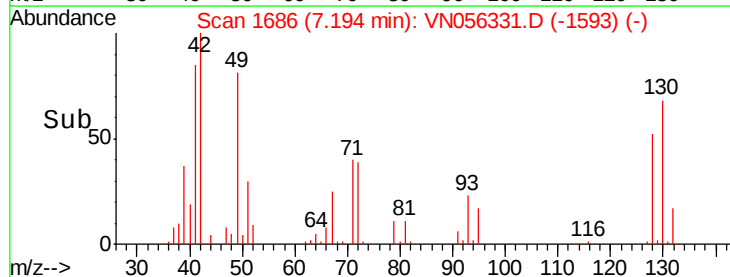
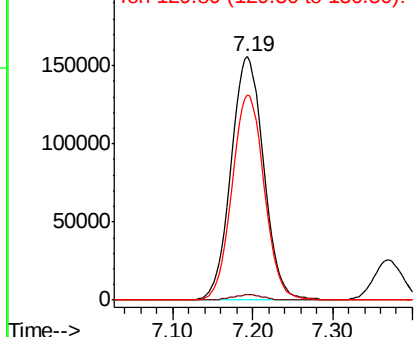


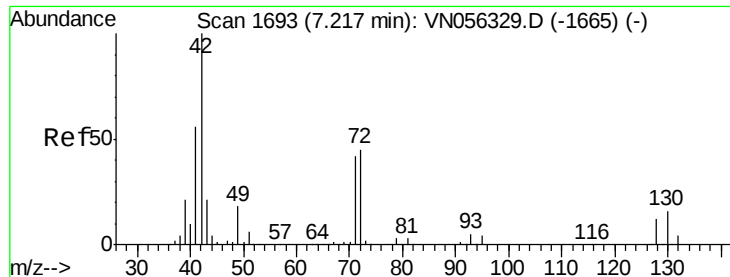
Abundance

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

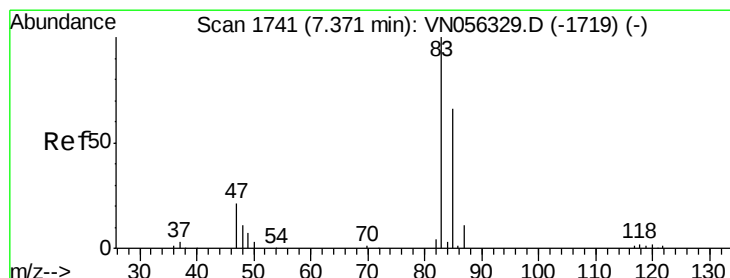
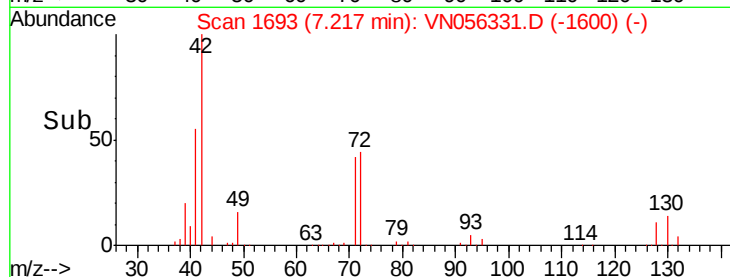
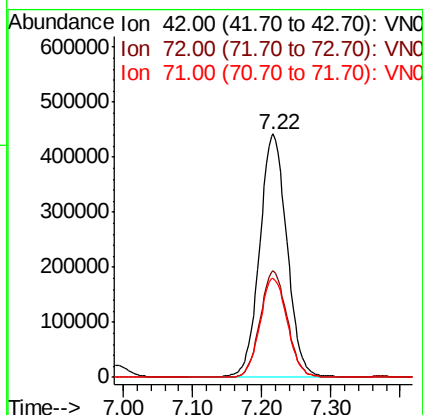
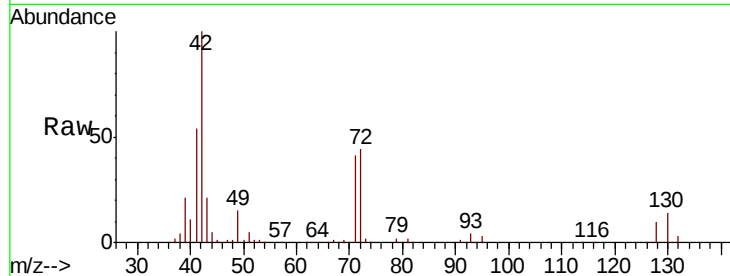




#29
Tetrahydrofuran
Concen: 669.497 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. -0.00 min
Lab File: VN056331.D
Acq: 17 Jun 2019 10:48

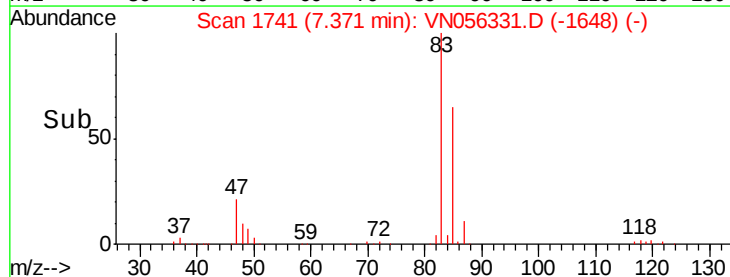
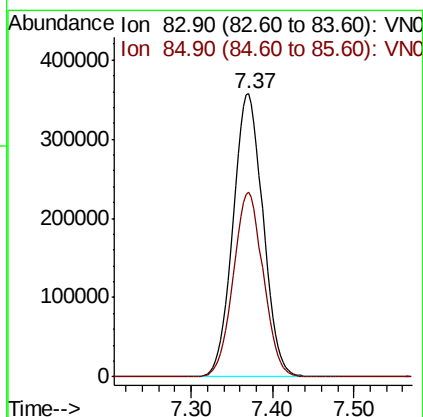
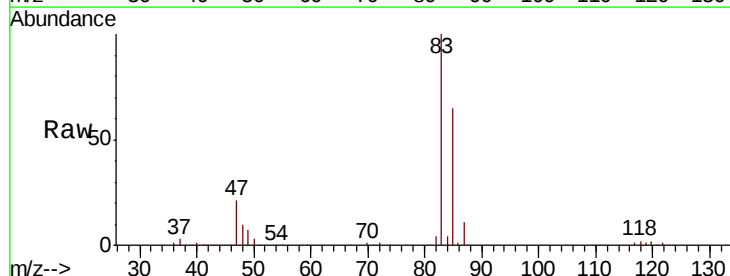
Instrument :
MSVOA_N
ClientSampleId :

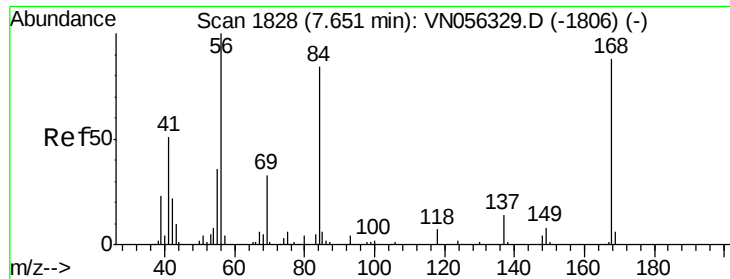
Tot Ion: 42 Resp: 1208067
Ion Ratio Lower Upper
42 100
72 43.3 35.3 52.9
71 40.8 32.7 49.1



#30
Chloroform
Concen: 123.621 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN056331.D
Acq: 17 Jun 2019 10:48

Tgt Ion: 83 Resp: 915251
Ion Ratio Lower Upper
83 100
85 65.3 52.6 78.8





#31

Cyclohexane

Concen: 115.363 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN056331.D

Acq: 17 Jun 2019 10:48

Instrument :
MSVOA_N
ClientSampled :

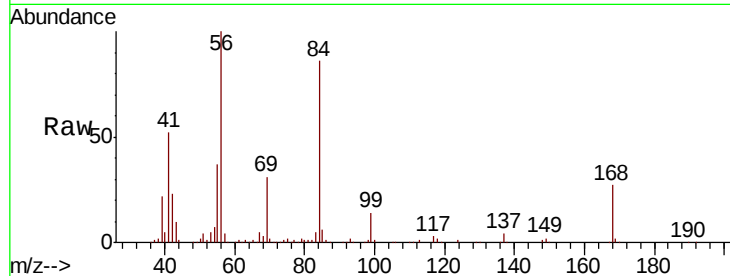
Tot Ion: 56 Resp: 872369

Ion Ratio Lower Upper

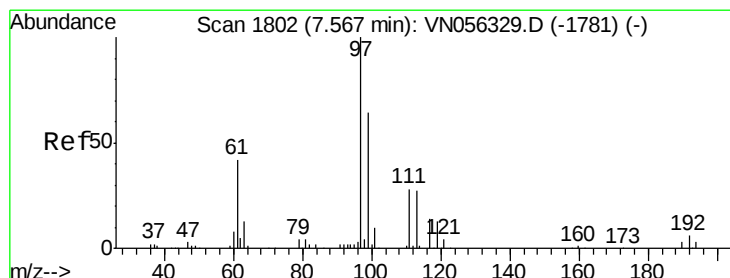
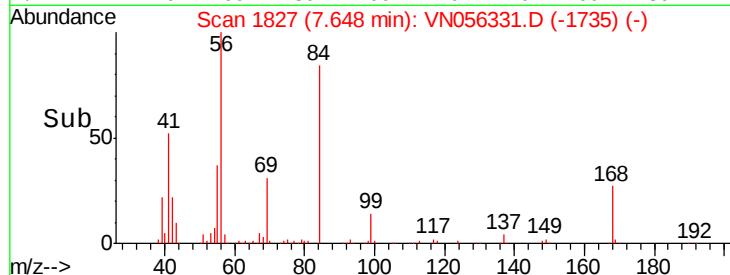
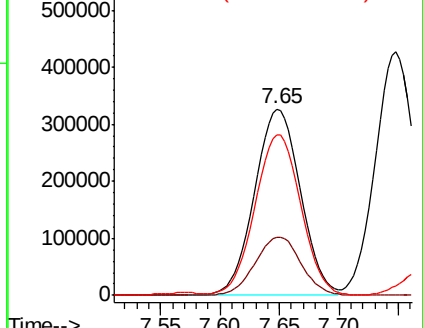
56 100

69 31.0 26.0 39.0

84 84.9 67.4 101.0



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



#32

1,1,1-Trichloroethane

Concen: 125.444 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN056331.D

Acq: 17 Jun 2019 10:48

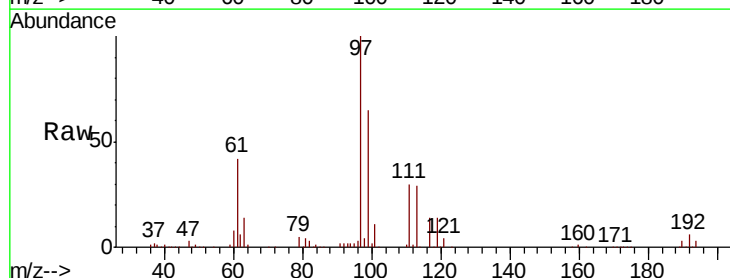
Tgt Ion: 97 Resp: 774783

Ion Ratio Lower Upper

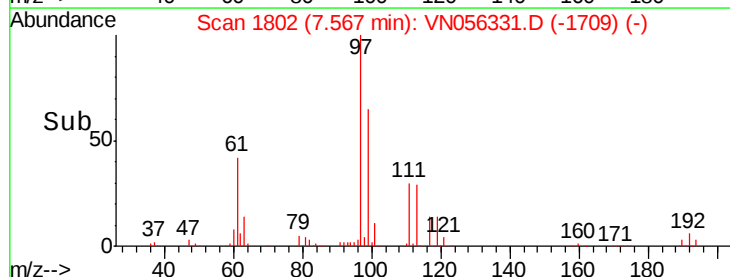
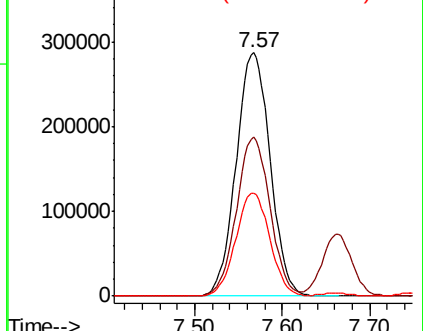
97 100

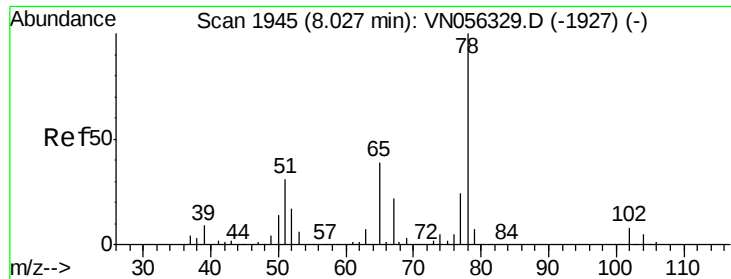
99 64.7 51.4 77.0

61 42.4 34.4 51.6



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

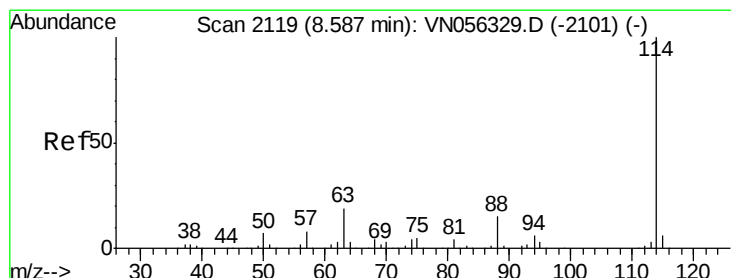
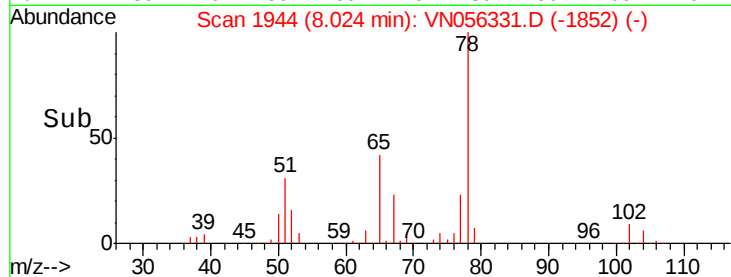
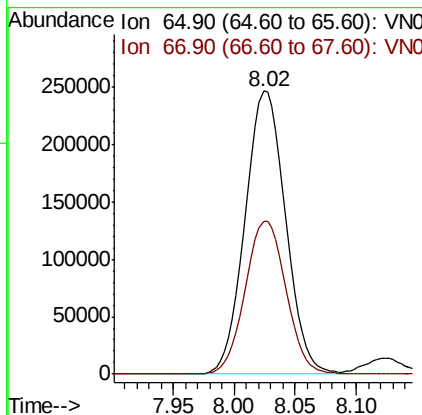
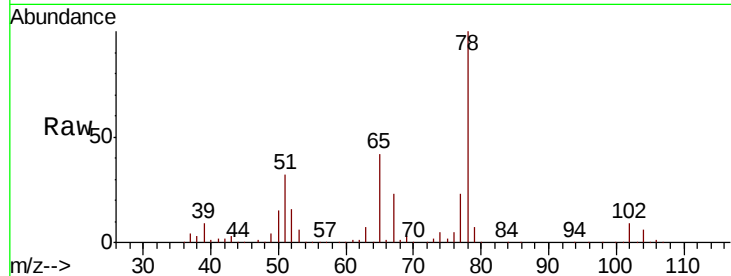




#33
 1,2-Dichloroethane-d4
 Concen: 117.542 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN056331.D
 Acq: 17 Jun 2019 10:48

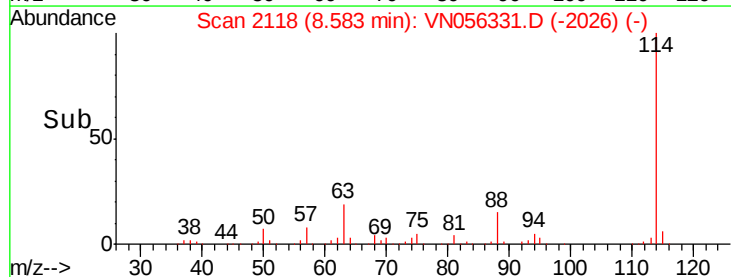
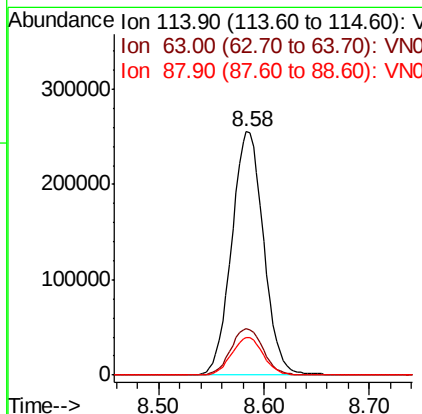
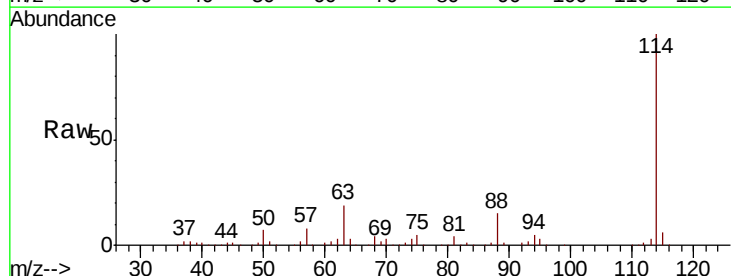
Instrument :
 MSVOA_N
 ClientSampleId :

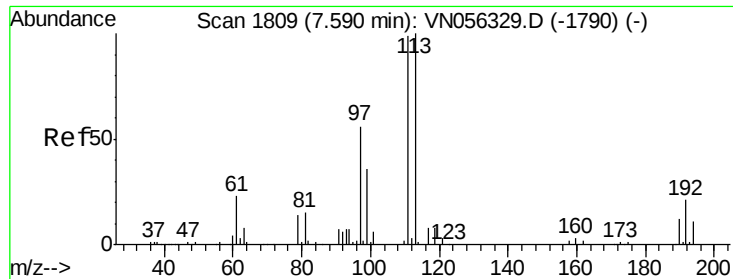
Tot Ion: 65 Resp: 566097
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056331.D
 Acq: 17 Jun 2019 10:48

Tgt Ion: 114 Resp: 535913
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.8
 88 15.4 0.0 30.6

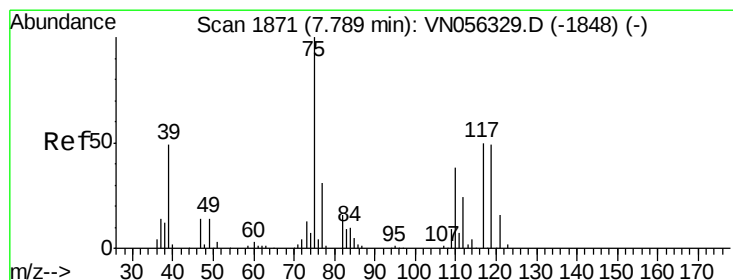
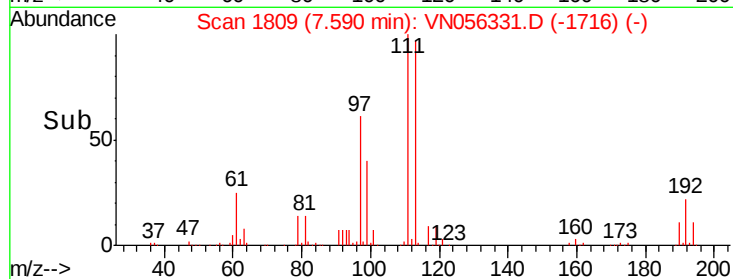
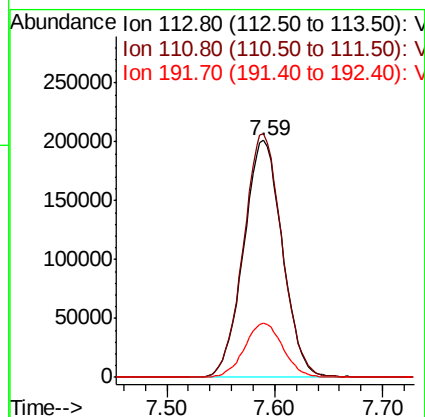
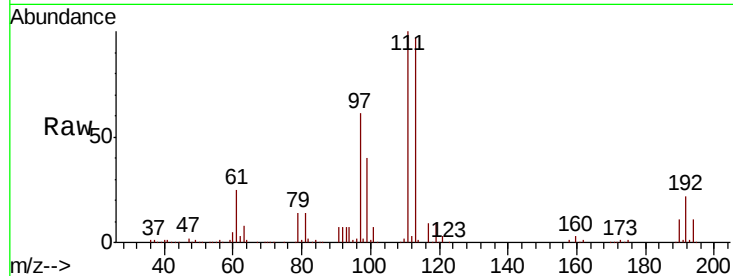




#35
 Dibromofluoromethane
 Concen: 114.081 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN056331.D
 Acq: 17 Jun 2019 10:48

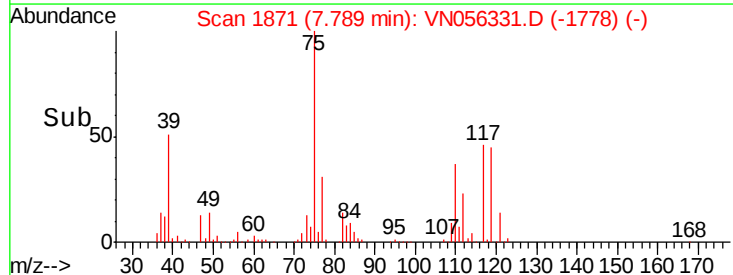
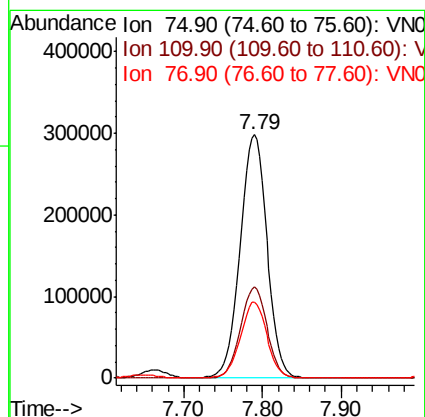
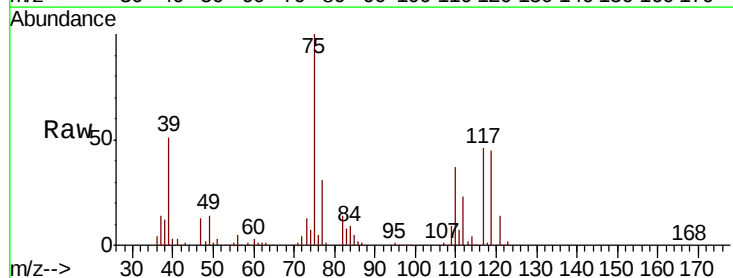
Instrument :
 MSVOA_N
 ClientSampleId :

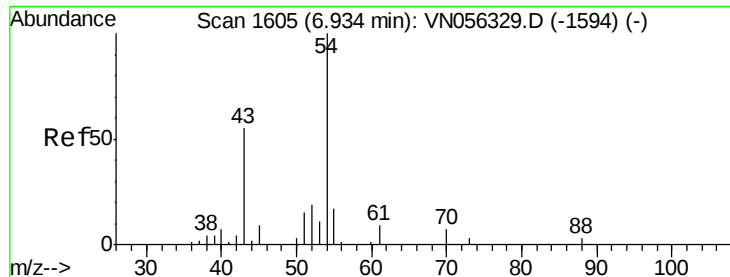
Tot Ion:113 Resp: 502081
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.1 123.1
 192 22.7 17.6 26.4



#36
 1,1-Dichloropropene
 Concen: 120.566 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN056331.D
 Acq: 17 Jun 2019 10:48

Tgt Ion: 75 Resp: 715652
 Ion Ratio Lower Upper
 75 100
 110 36.9 18.6 56.0
 77 31.1 25.0 37.6

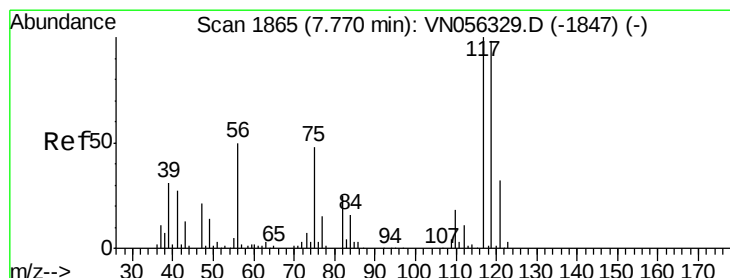
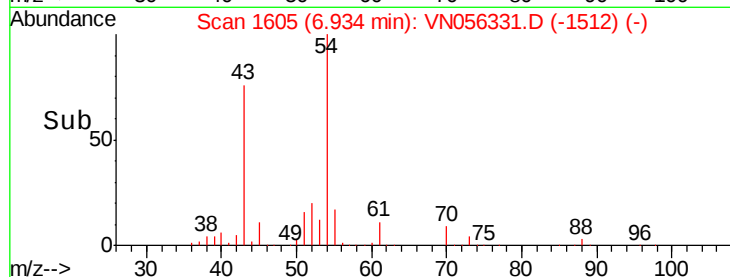
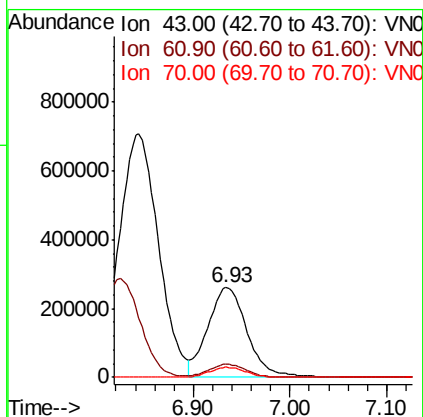
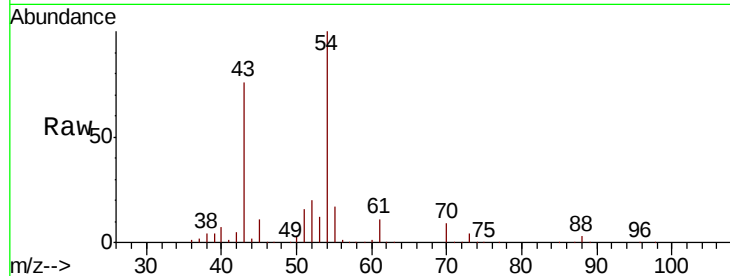




#37
Ethyl Acetate
Concen: 130.431 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VN056331.D
Acq: 17 Jun 2019 10:48

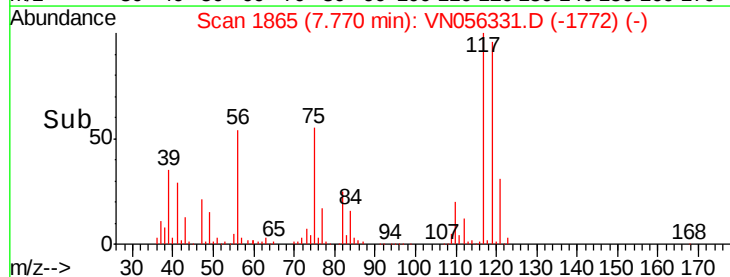
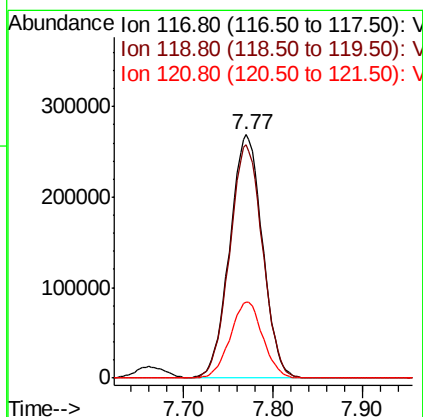
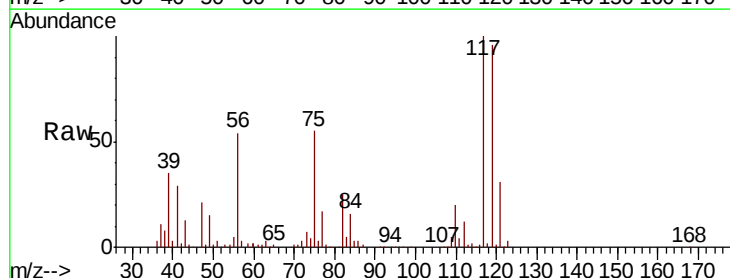
Instrument :
MSVOA_N
ClientSampled :

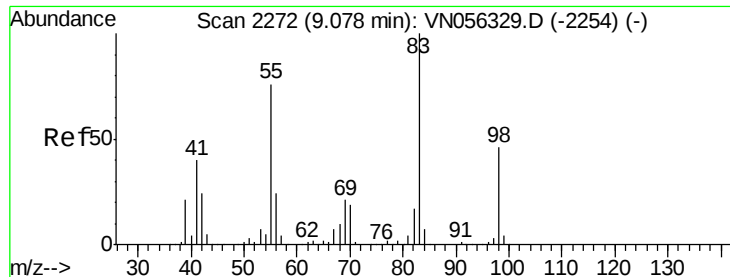
Tot Ion: 43 Resp: 726597
Ion Ratio Lower Upper
43 100
61 14.4 11.7 17.5
70 10.8 8.3 12.5



#38
Carbon Tetrachloride
Concen: 123.436 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN056331.D
Acq: 17 Jun 2019 10:48

Tgt Ion: 117 Resp: 683222
Ion Ratio Lower Upper
117 100
119 95.9 77.8 116.8
121 31.4 25.3 37.9

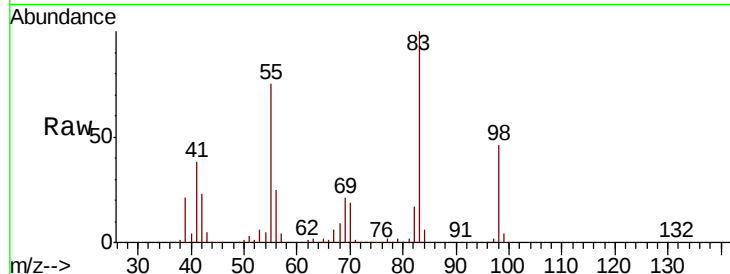




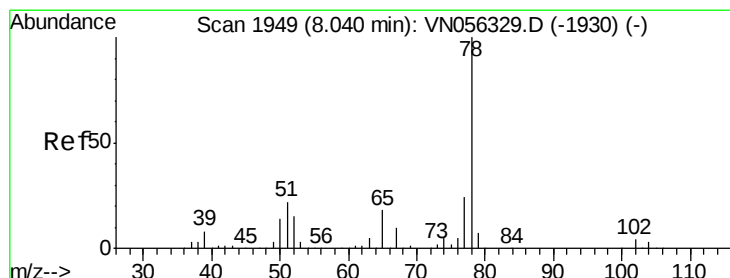
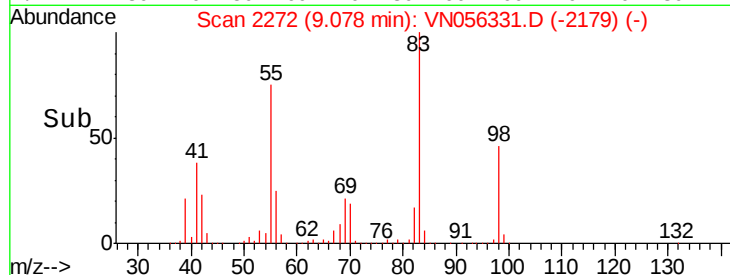
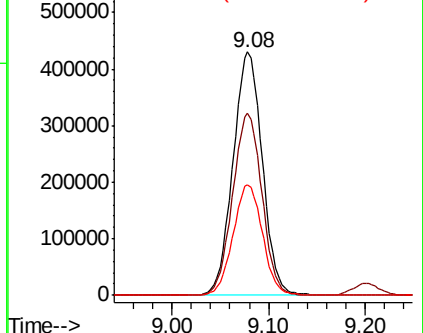
#39
Methvlcvclohexane
Concen: 123.277 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN056331.D
Acq: 17 Jun 2019 10:48

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 906171
Ion Ratio Lower Upper
83 100
55 74.8 60.8 91.2
98 45.5 36.8 55.2

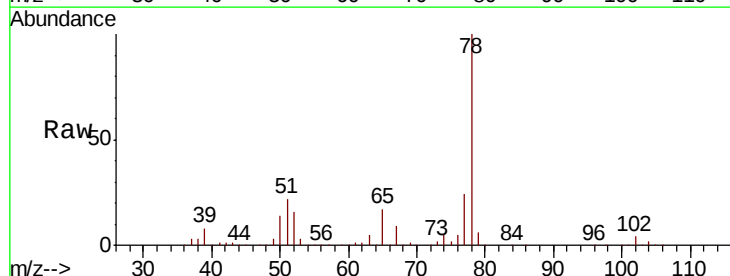


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

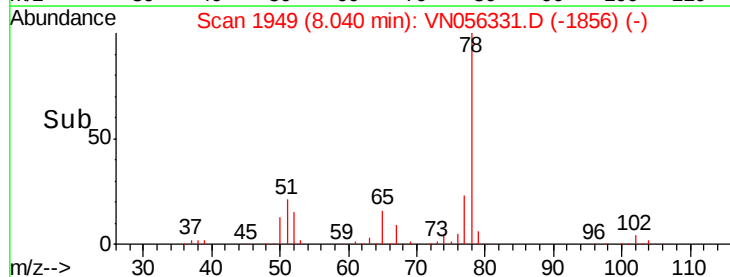
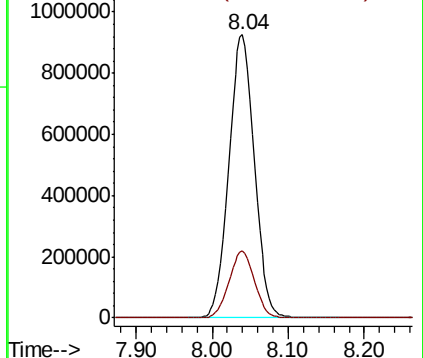


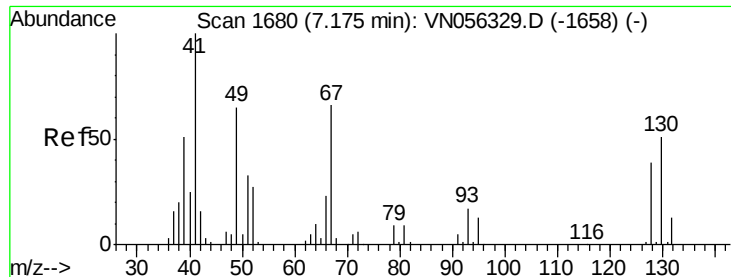
#40
Benzene
Concen: 119.793 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN056331.D
Acq: 17 Jun 2019 10:48

Tgt Ion: 78 Resp: 2156948
Ion Ratio Lower Upper
78 100
77 23.5 19.2 28.8



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

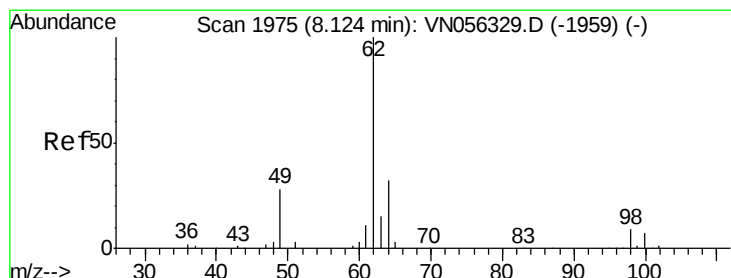
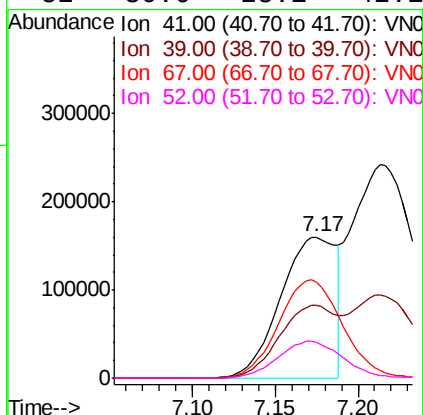
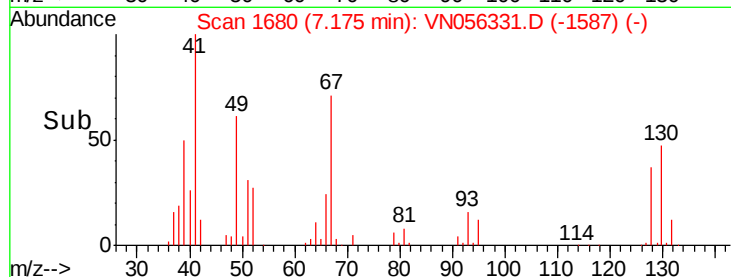
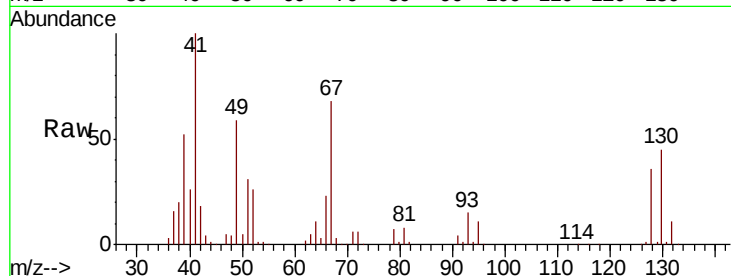




#41
Methacrylonitrile
Concen: 142.279 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN056331.D
Acq: 17 Jun 2019 10:48

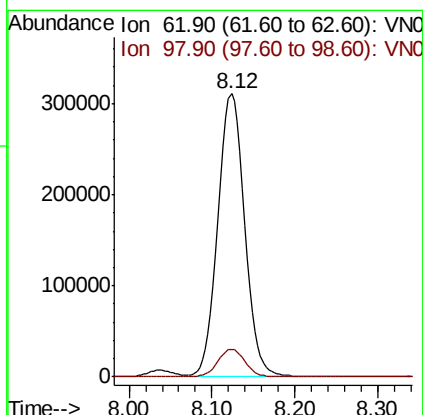
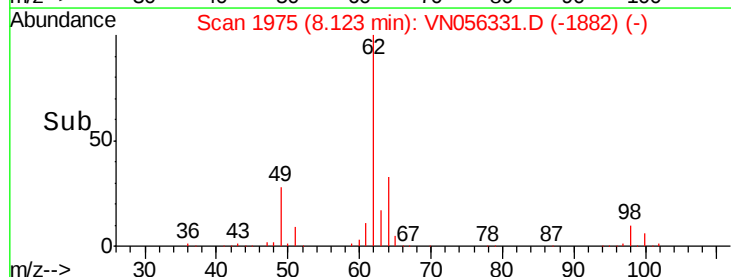
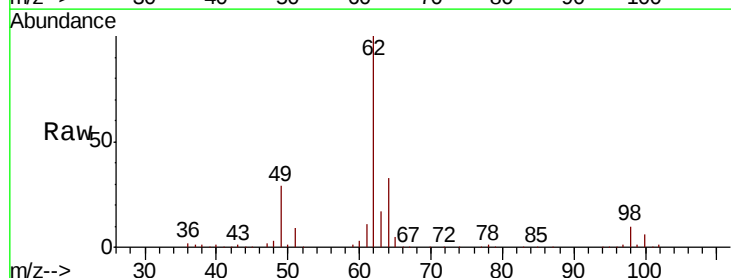
Instrument :
MSVOA_N
ClientSampleId :

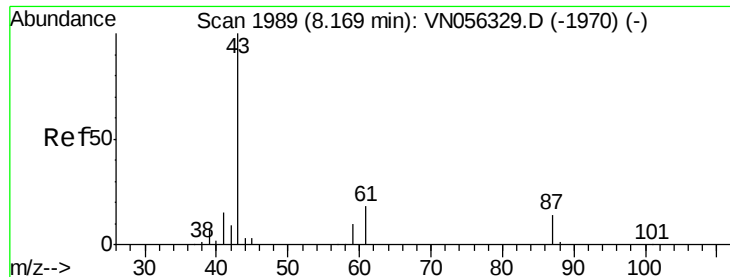
Tot Ion: 41 Resp: 372094
Ion Ratio Lower Upper
41 100
39 51.6 44.5 66.7
67 80.3 69.0 103.4
52 30.6 28.1 42.1



#42
1,2-Dichloroethane
Concen: 119.485 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056331.D
Acq: 17 Jun 2019 10:48

Tgt Ion: 62 Resp: 699498
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.4



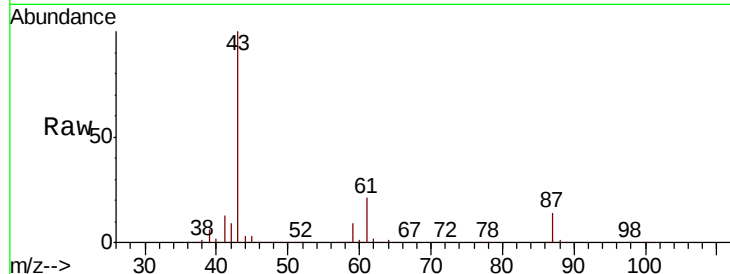


#43

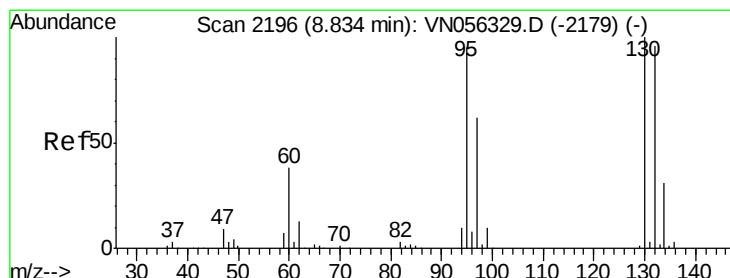
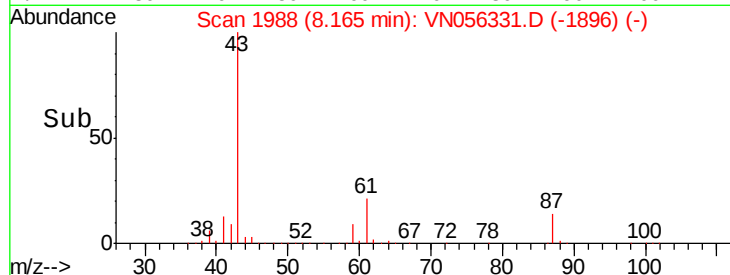
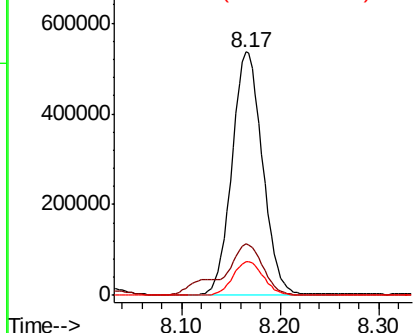
Isopropyl Acetate
 Concen: 131.521 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: VN056331.D
 Acq: 17 Jun 2019 10:48

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 43 Resp: 1156113
 Ion Ratio Lower Upper
 43 100
 61 21.9 16.6 25.0
 87 14.1 11.0 16.4



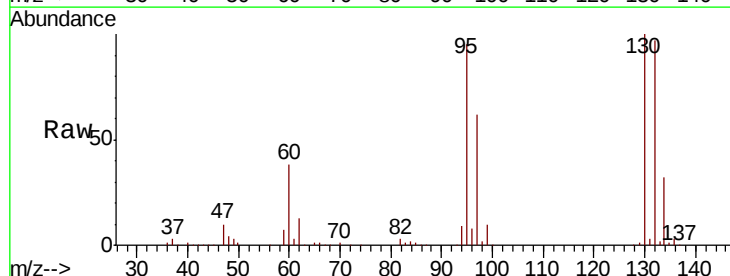
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



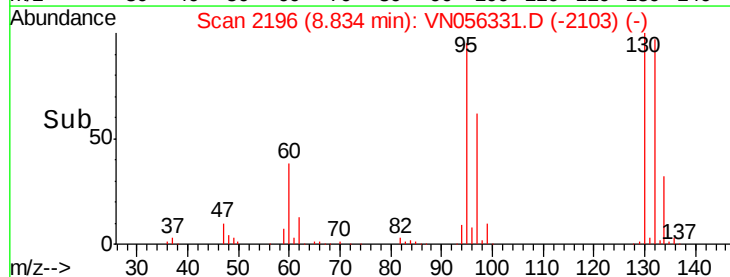
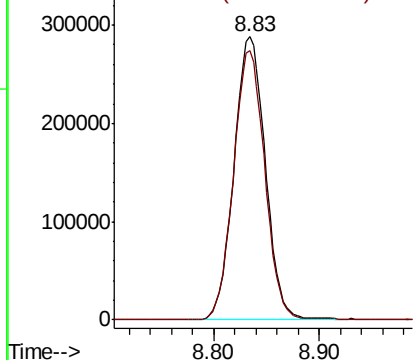
#44

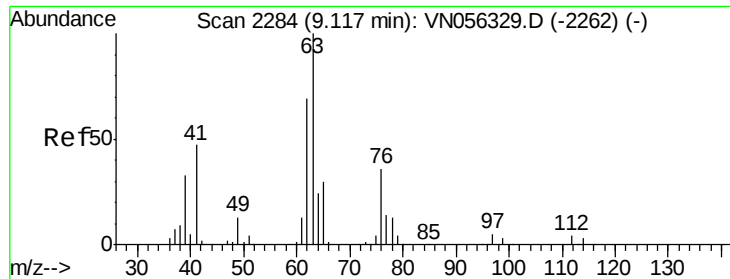
Trichloroethene
 Concen: 117.977 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN056331.D
 Acq: 17 Jun 2019 10:48

Tgt Ion:130 Resp: 593870
 Ion Ratio Lower Upper
 130 100
 95 95.2 0.0 190.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN0

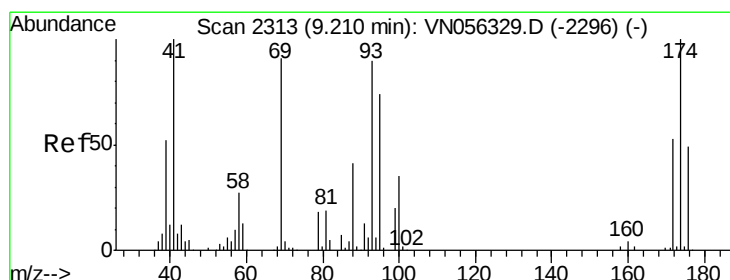
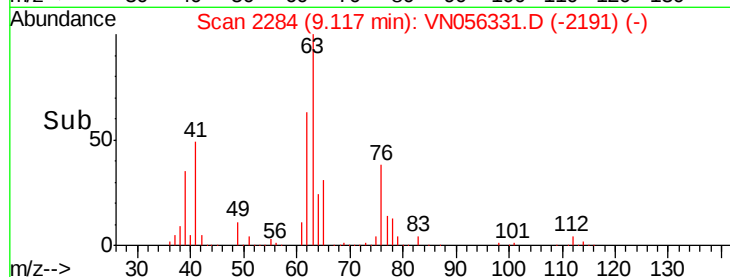
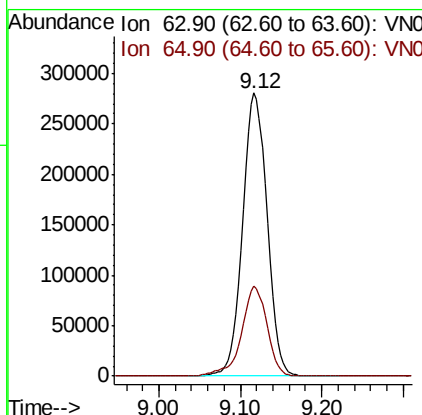
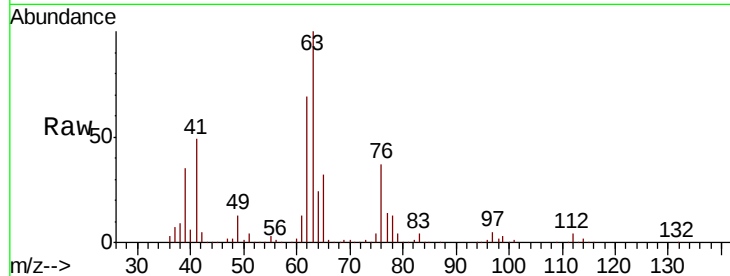




#45
 1,2-Dichloropropane
 Concen: 122.943 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN056331.D
 Acq: 17 Jun 2019 10:48

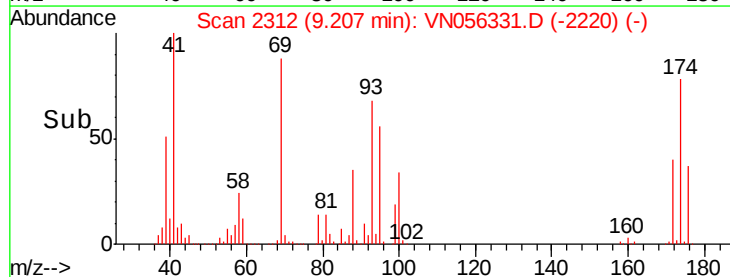
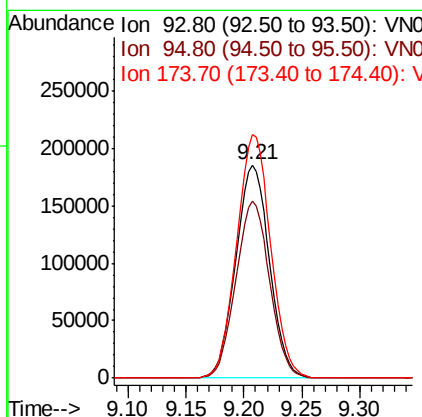
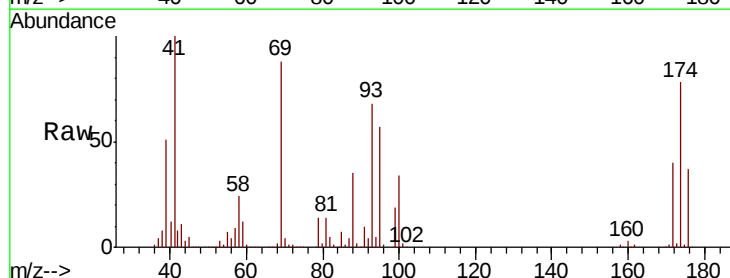
Instrument :
 MSVOA_N
 ClientSampleId :

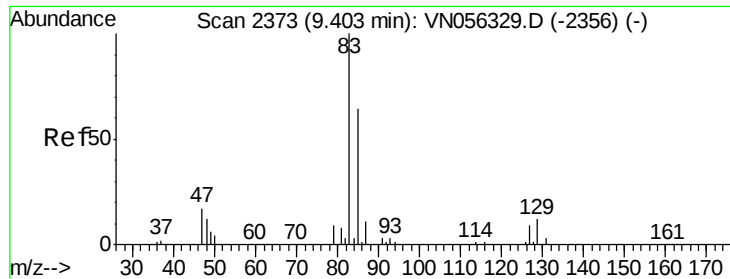
Tot Ion: 63 Resp: 578458
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.4 36.6



#46
 Dibromomethane
 Concen: 121.578 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN056331.D
 Acq: 17 Jun 2019 10:48

Tgt Ion: 93 Resp: 374574
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.2 100.8
 174 115.6 90.3 135.5





#47

Bromodichloromethane

Concen: 128.097 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN056331.D

Acq: 17 Jun 2019 10:48

Instrument :

MSVOA_N

ClientSampleId :

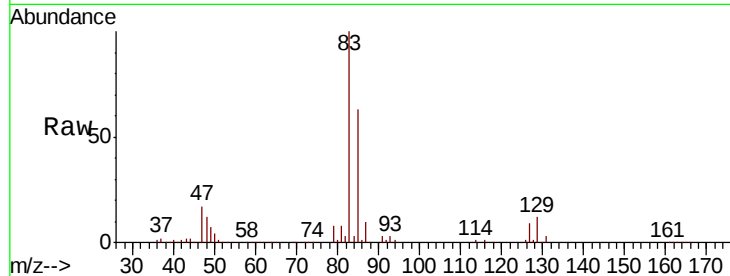
Tot Ion: 83 Resp: 733127

Ion Ratio Lower Upper

83 100

85 63.1 51.1 76.7

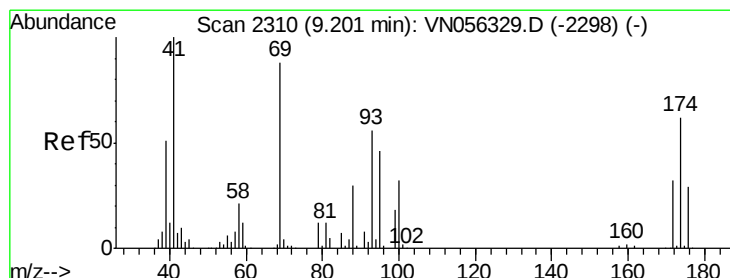
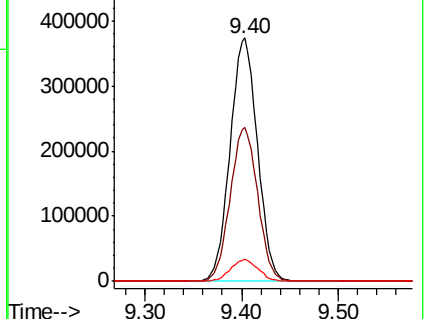
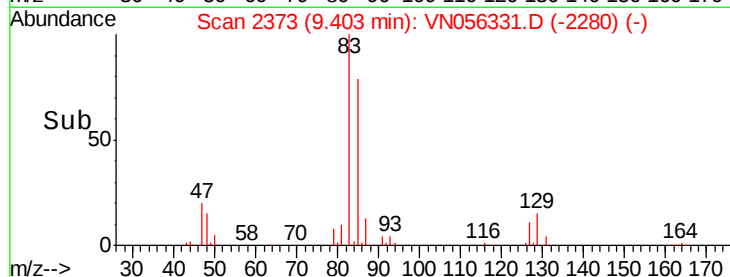
127 9.0 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VN056331.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN056331.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN056331.D (-2280) (-)



#48

Methyl methacrylate

Concen: 133.183 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN056331.D

Acq: 17 Jun 2019 10:48

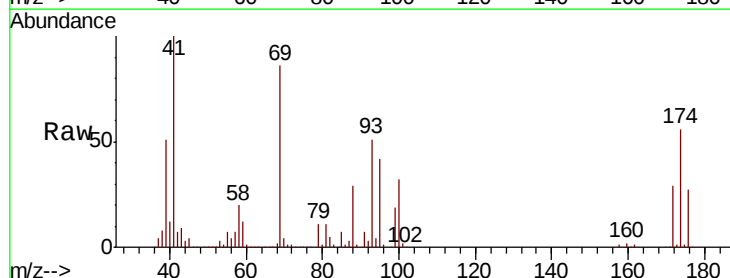
Tgt Ion: 41 Resp: 584380

Ion Ratio Lower Upper

41 100

69 87.1 71.0 106.6

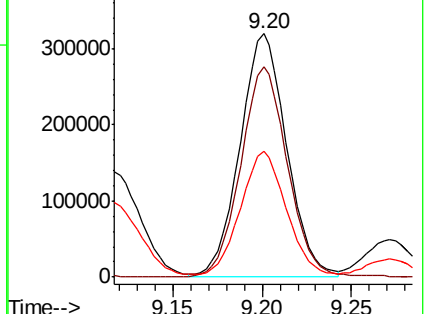
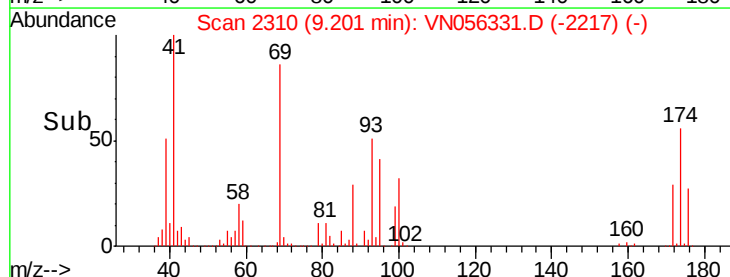
39 51.3 41.7 62.5

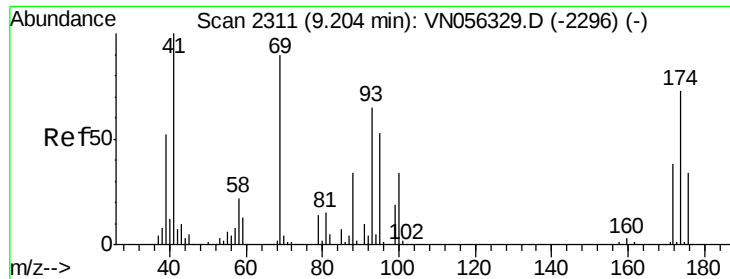


Abundance Ion 41.00 (40.70 to 41.70): VN056331.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN056331.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN056331.D (-2217) (-)





#49

1,4-Dioxane

Concen: 2572.941 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. -0.00 min

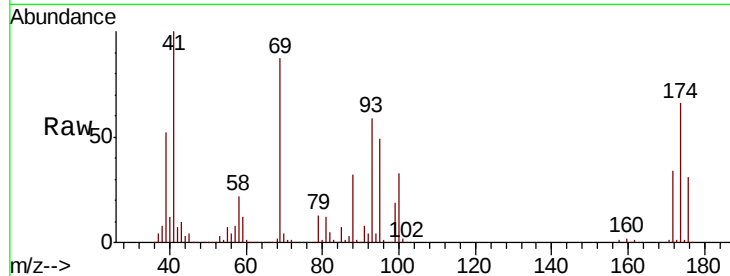
Lab File: VN056331.D

Acq: 17 Jun 2019 10:48

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 236156

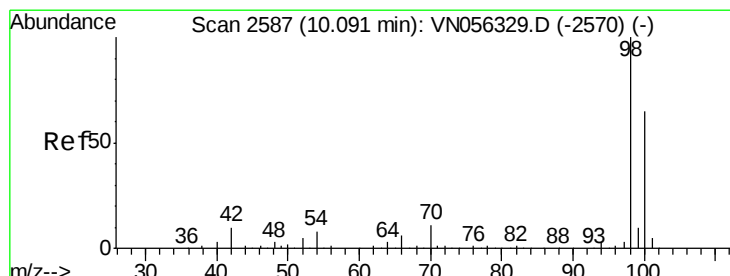
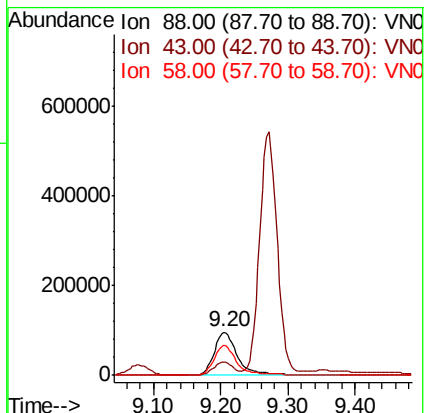
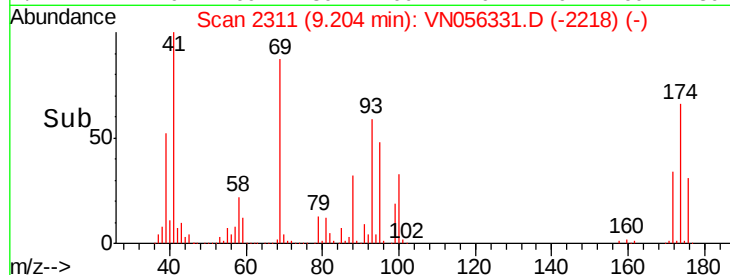
Ion	Ratio	Lower	Upper
88	100		
43	25.6	21.9	32.9
58	68.4	57.3	85.9



Abundance Ion 88.00 (87.70 to 88.70): VN056331.D (-2218) (-)

Ion 43.00 (42.70 to 43.70): VN056331.D (-2218) (-)

Ion 58.00 (57.70 to 58.70): VN056331.D (-2218) (-)



#50

Toluene-d8

Concen: 114.395 ug/l

RT: 10.09 min Scan# 2586

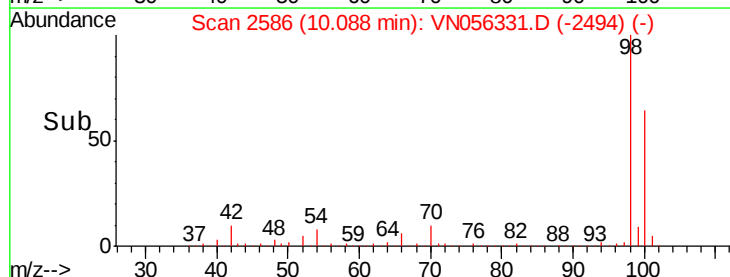
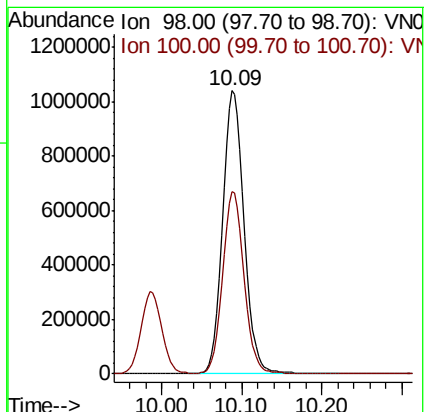
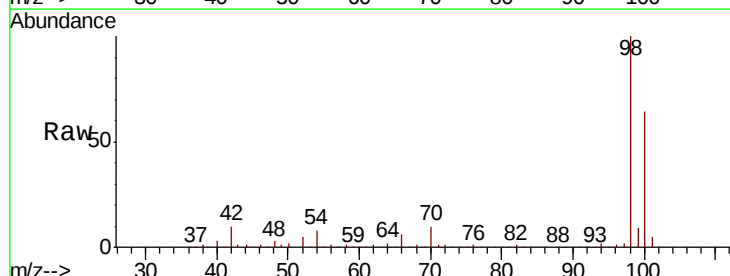
Delta R.T. -0.00 min

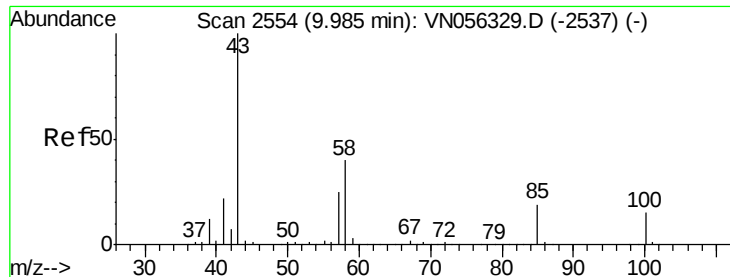
Lab File: VN056331.D

Acq: 17 Jun 2019 10:48

Tgt Ion: 98 Resp: 1931109

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 633.070 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN056331.D

Acq: 17 Jun 2019 10:48

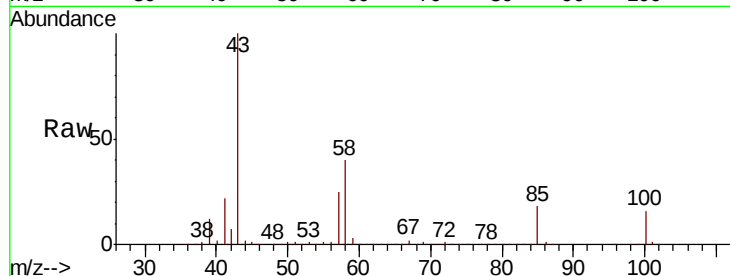
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 3548252

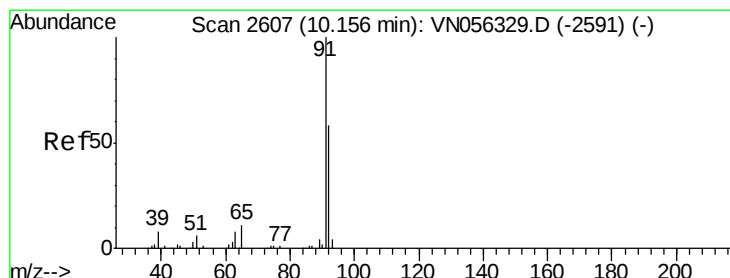
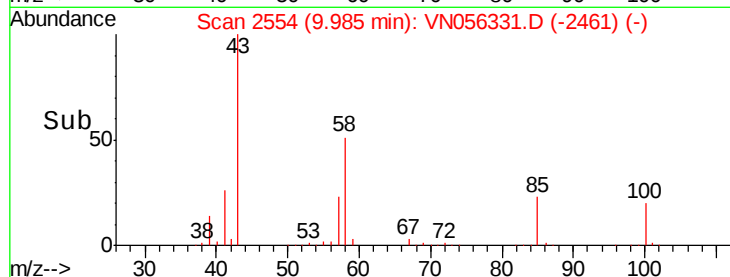
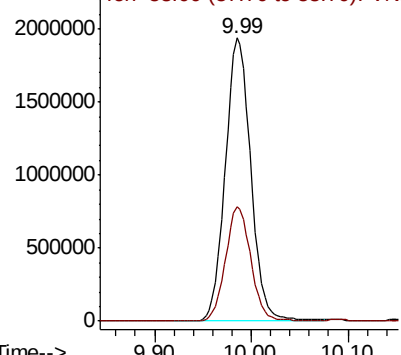
Ion Ratio Lower Upper

43 100

58 40.2 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 119.492 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN056331.D

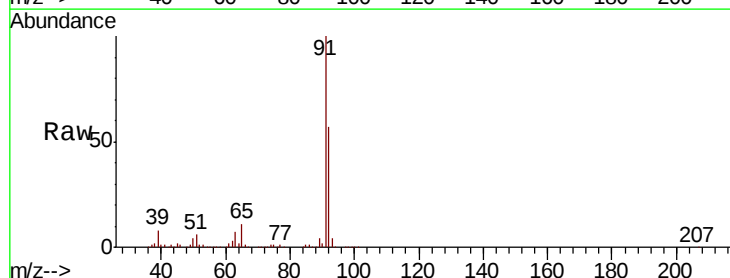
Acq: 17 Jun 2019 10:48

Tgt Ion: 92 Resp: 1336796

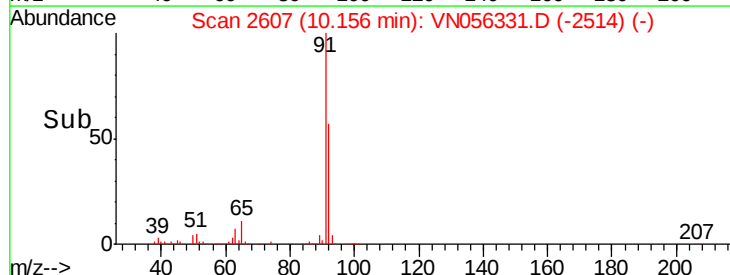
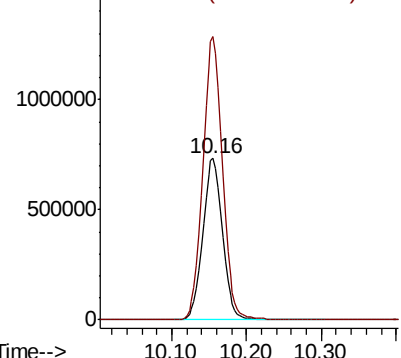
Ion Ratio Lower Upper

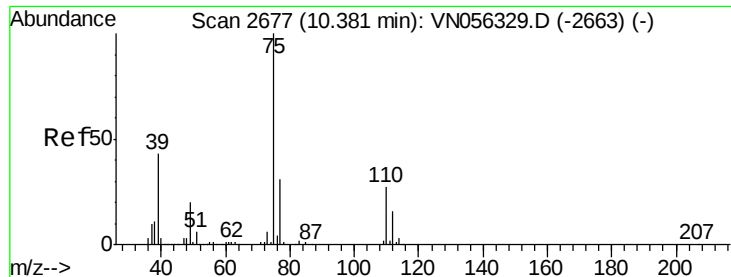
92 100

91 175.1 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0
Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 137.616 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN056331.D

Acq: 17 Jun 2019 10:48

Instrument :

MSVOA_N

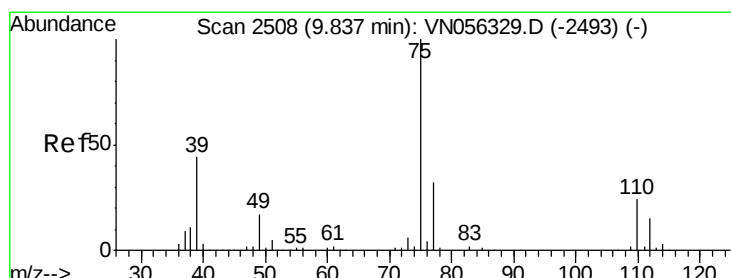
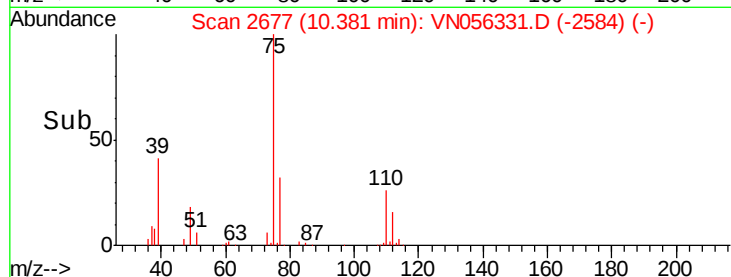
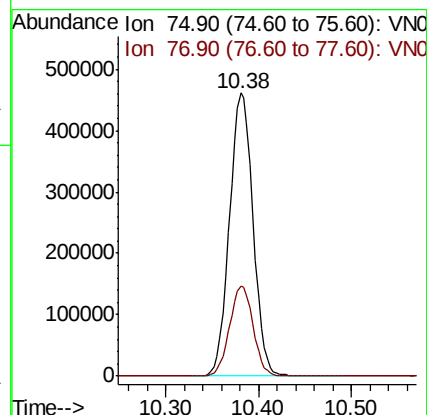
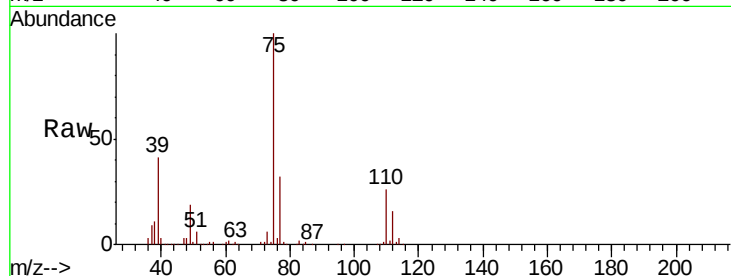
ClientSampled :

Tot Ion: 75 Resp: 811793

Ion Ratio Lower Upper

75 100

77 31.8 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 133.648 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN056331.D

Acq: 17 Jun 2019 10:48

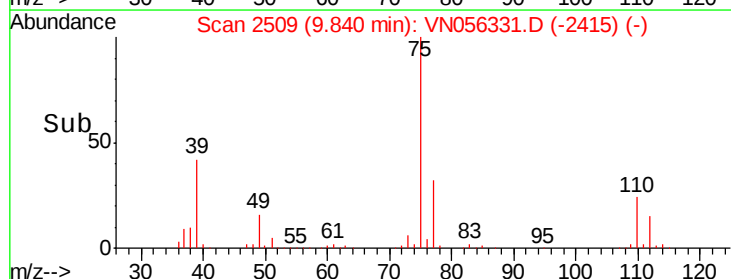
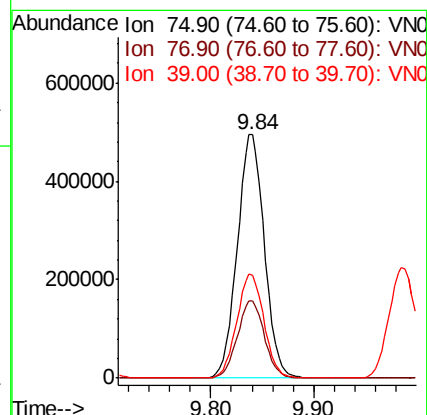
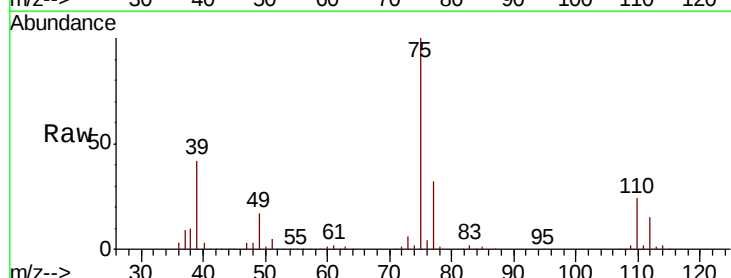
Tgt Ion: 75 Resp: 905650

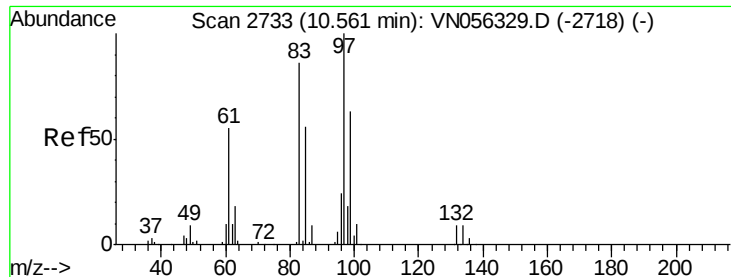
Ion Ratio Lower Upper

75 100

77 31.9 25.7 38.5

39 42.1 35.4 53.0

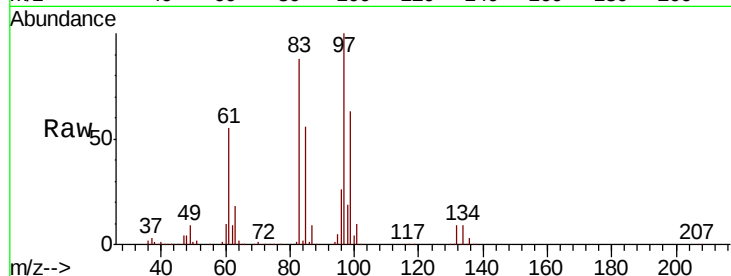




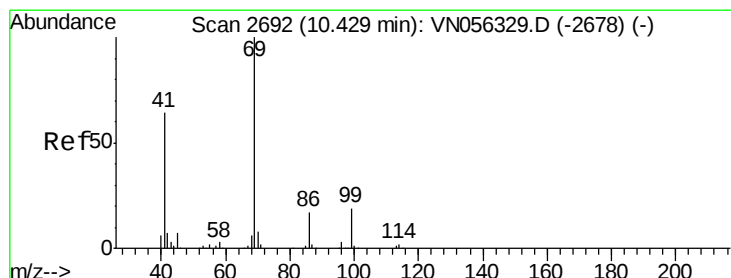
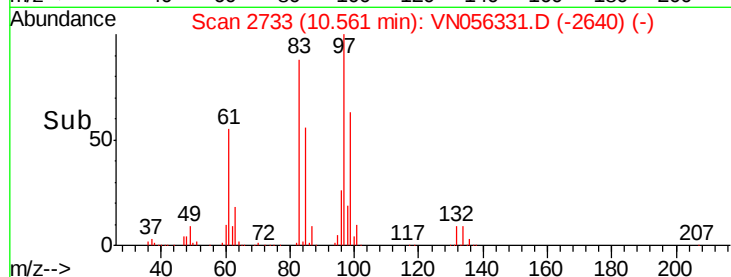
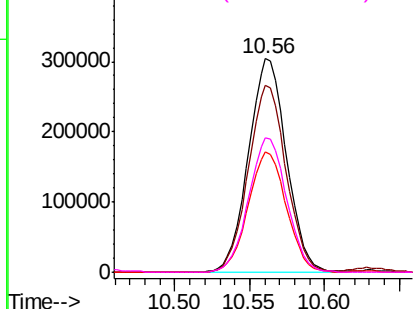
#55
 1,1,2-Trichloroethane
 Concen: 121.051 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN056331.D
 Acq: 17 Jun 2019 10:48

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	538088
Ion	Ratio	Lower	Upper
97	100		
83	87.5	69.0	103.4
85	56.2	44.6	67.0
99	62.9	50.5	75.7

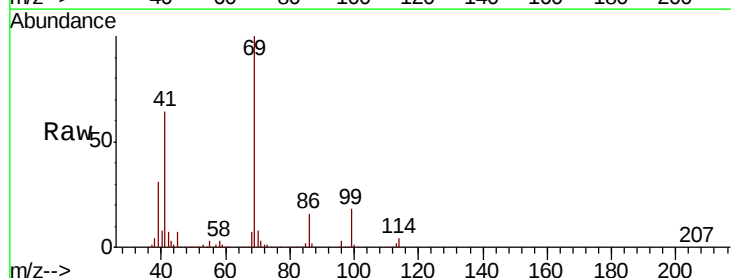


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

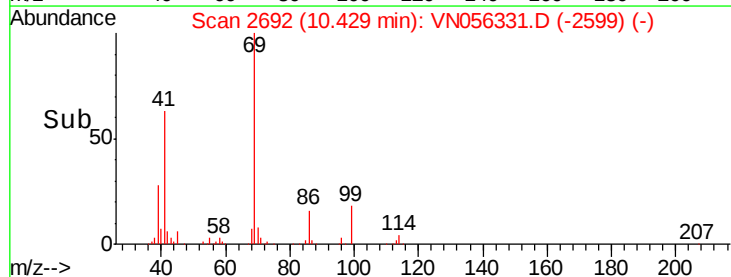
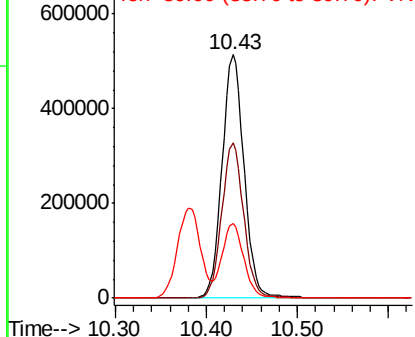


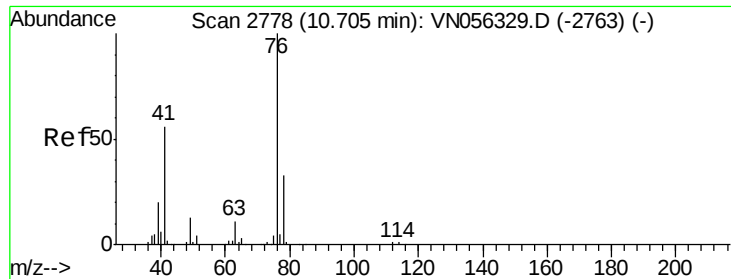
#56
 Ethyl methacrylate
 Concen: 130.334 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN056331.D
 Acq: 17 Jun 2019 10:48

Tgt Ion:	69	Resp:	866006
Ion	Ratio	Lower	Upper
69	100		
41	62.9	52.0	78.0
39	30.0	24.4	36.6



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

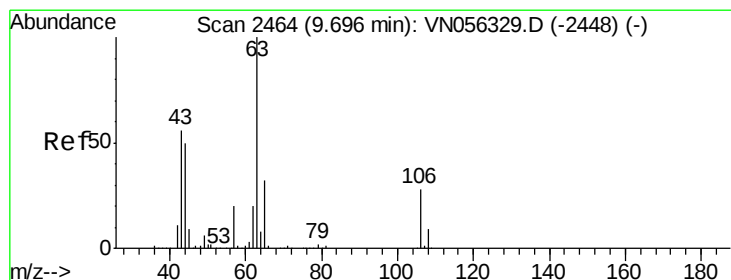
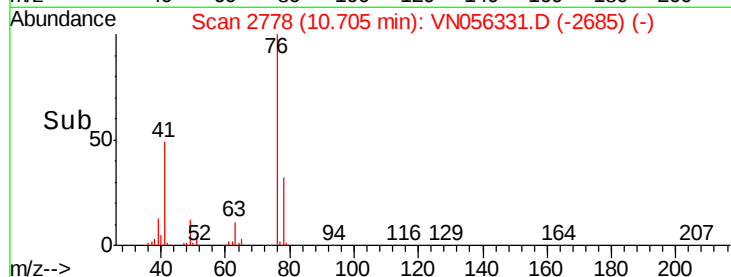
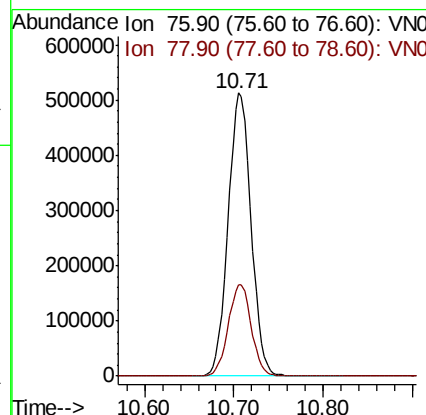
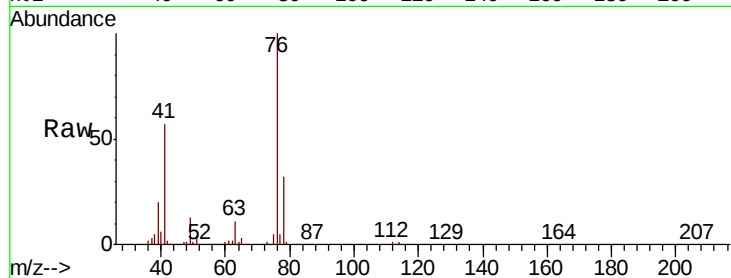




#57
 1,3-Dichloropropane
 Concen: 123.664 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN056331.D
 Acq: 17 Jun 2019 10:48

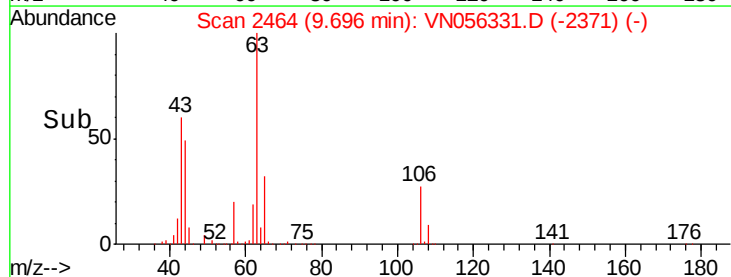
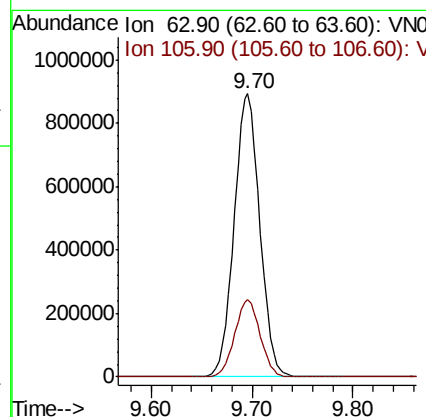
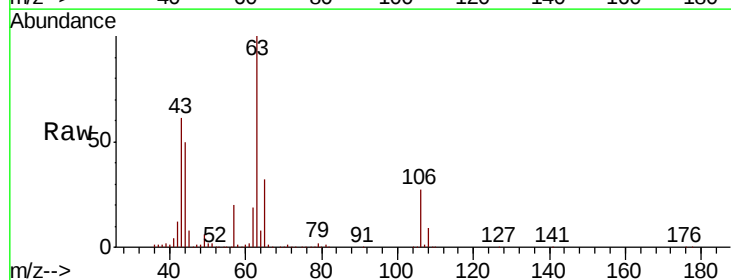
Instrument :
 MSVOA_N
 ClientSampled :

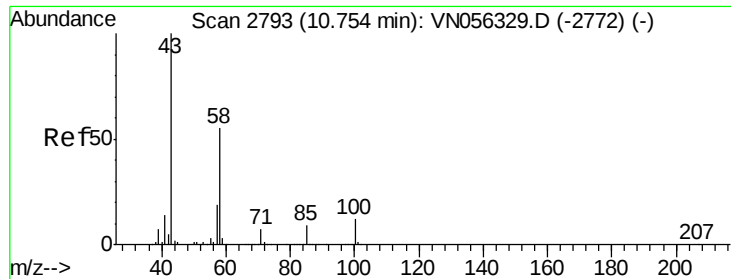
Tot Ion: 76 Resp: 911242
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 705.694 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN056331.D
 Acq: 17 Jun 2019 10:48

Tgt Ion: 63 Resp: 1581522
 Ion Ratio Lower Upper
 63 100
 106 27.1 22.2 33.2

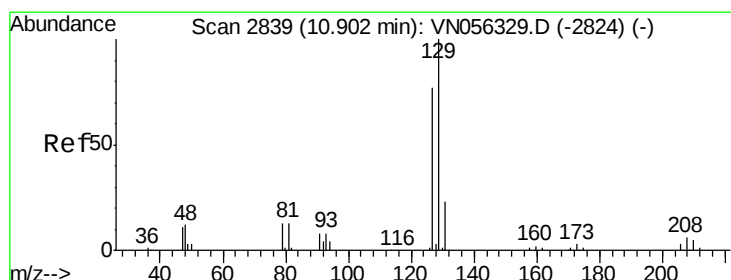
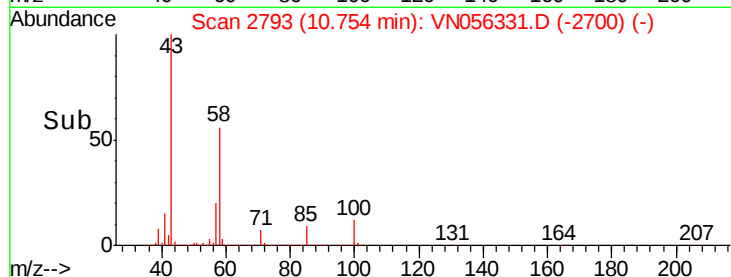
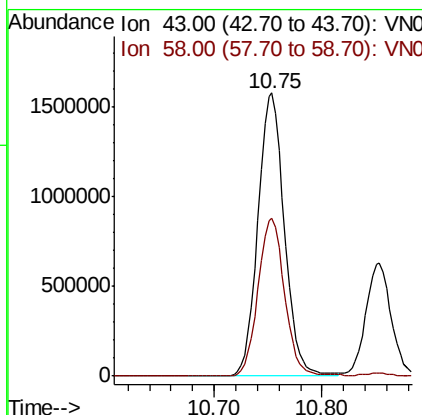
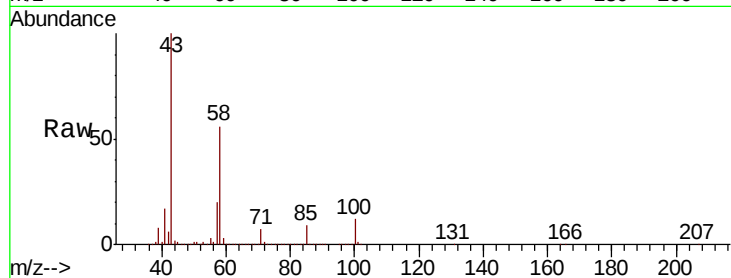




#59
2-Hexanone
Concen: 652.521 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN056331.D
Acq: 17 Jun 2019 10:48

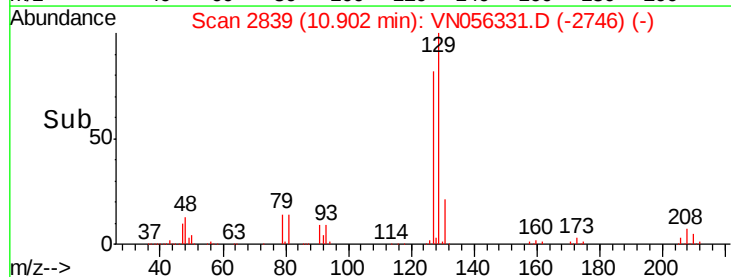
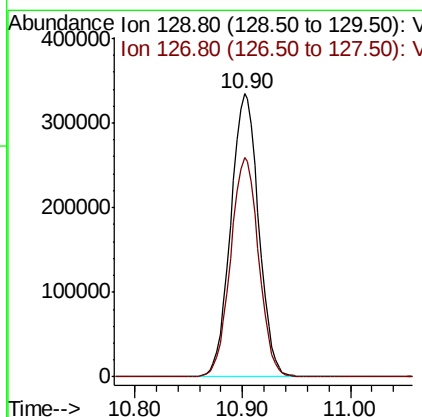
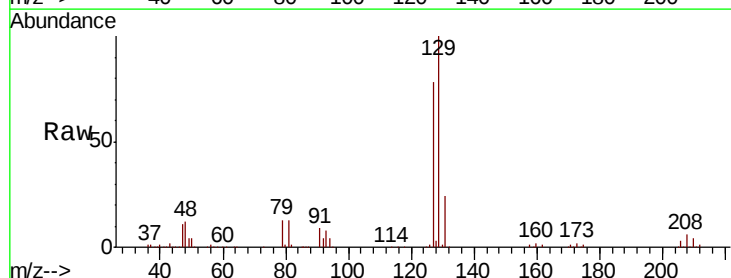
Instrument :
MSVOA_N
ClientSampleId :

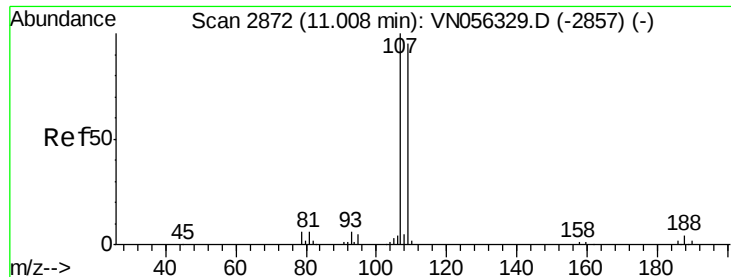
Tot Ion: 43 Resp: 2676954
Ion Ratio Lower Upper
43 100
58 56.2 27.8 83.4



#60
Dibromochloromethane
Concen: 132.784 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN056331.D
Acq: 17 Jun 2019 10:48

Tgt Ion: 129 Resp: 601340
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0

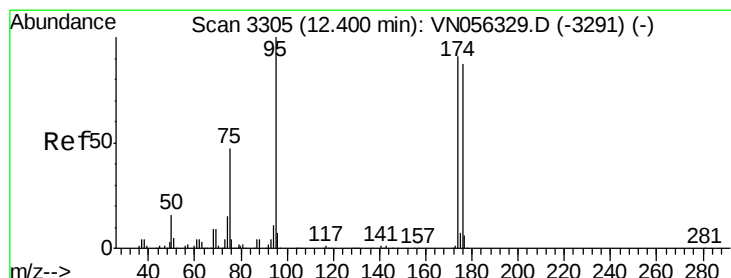
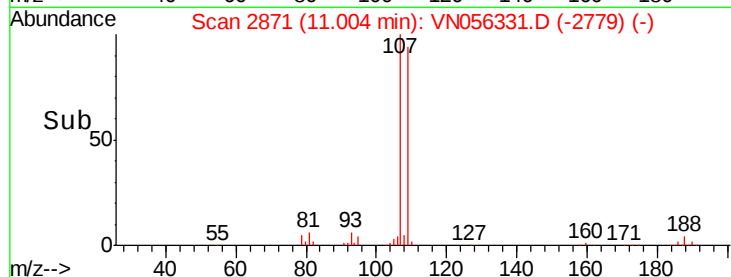
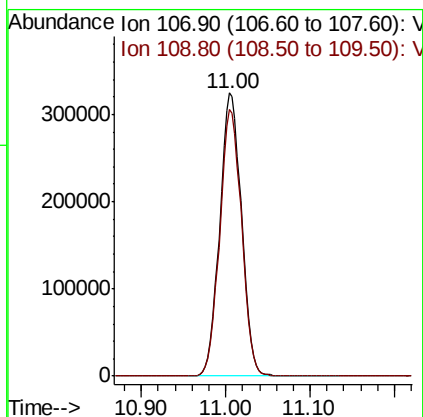
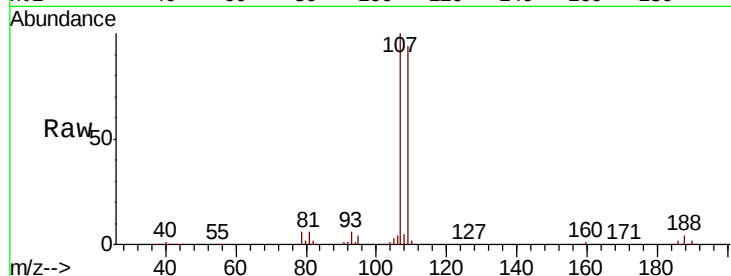




#61
 1,2-Dibromoethane
 Concen: 125.703 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN056331.D
 Acq: 17 Jun 2019 10:48

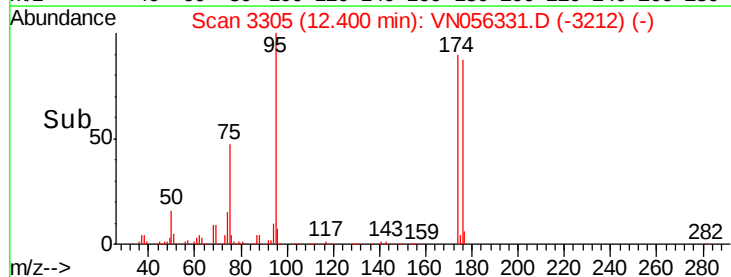
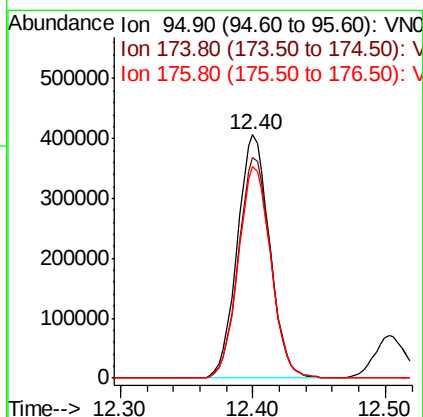
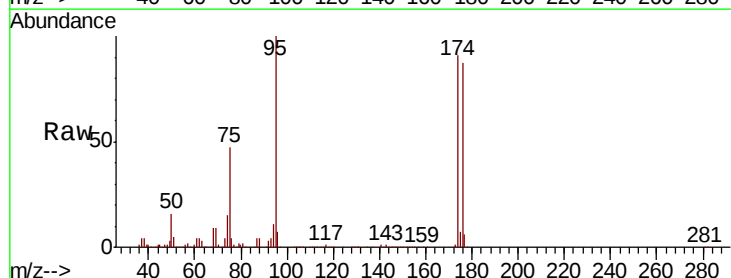
Instrument :
 MSVOA_N
 ClientSampleId :

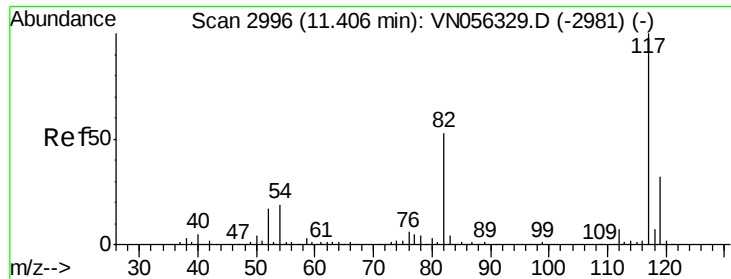
Tot Ion:107 Resp: 580664
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 119.328 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN056331.D
 Acq: 17 Jun 2019 10:48

Tgt Ion: 95 Resp: 688238
 Ion Ratio Lower Upper
 95 100
 174 90.9 0.0 182.6
 176 87.7 0.0 176.8

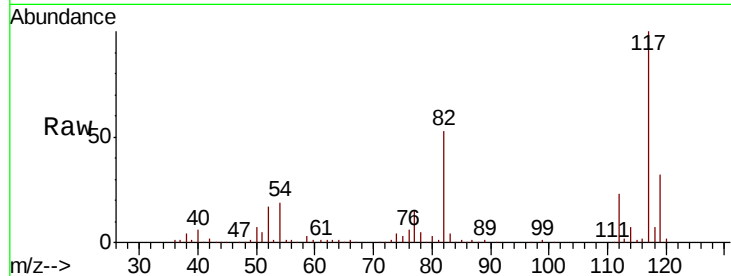




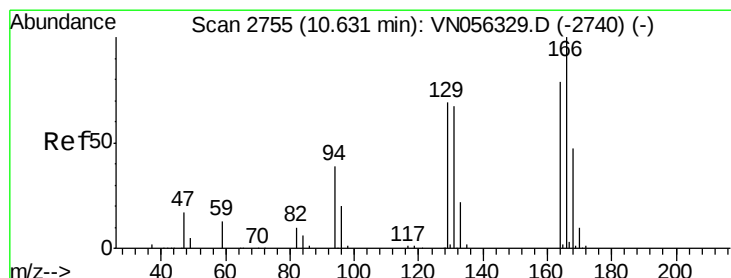
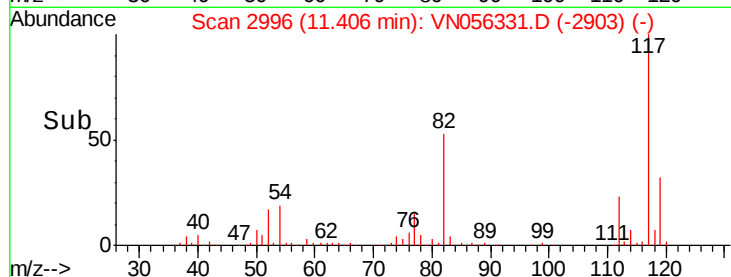
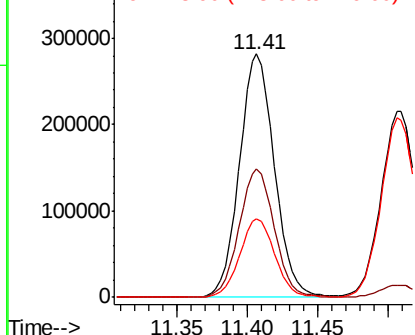
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056331.D
Acq: 17 Jun 2019 10:48

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 491250
Ion Ratio Lower Upper
117 100
82 52.9 42.4 63.6
119 32.4 26.0 39.0

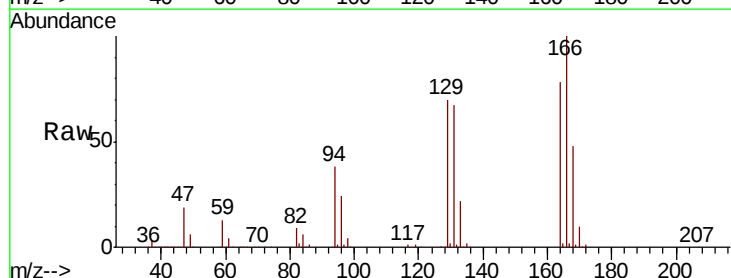


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

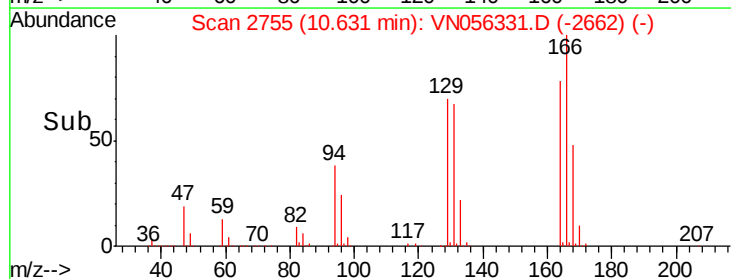
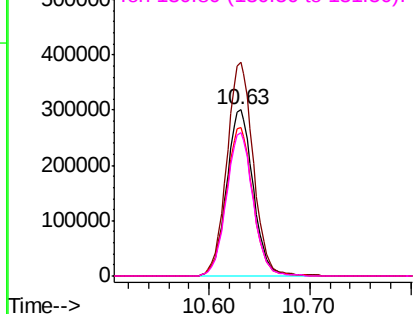


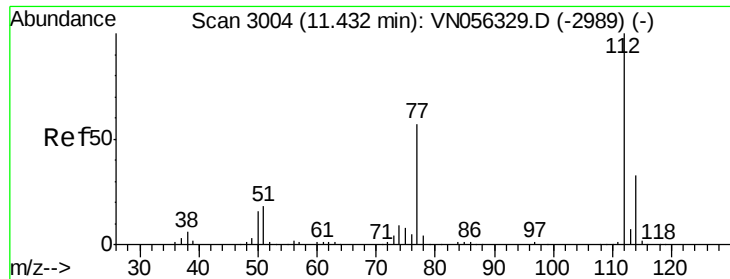
#64
Tetrachloroethene
Concen: 107.023 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN056331.D
Acq: 17 Jun 2019 10:48

Tgt Ion:164 Resp: 553239
Ion Ratio Lower Upper
164 100
166 128.5 101.8 152.6
129 89.3 70.3 105.5
131 86.2 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

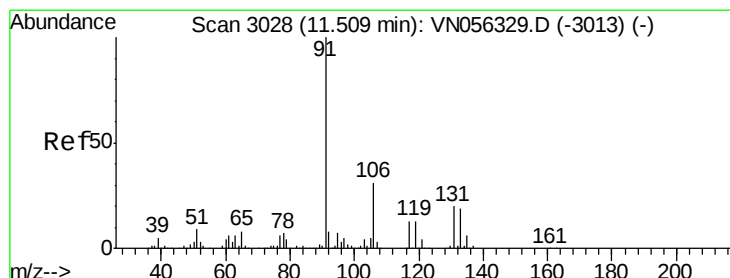
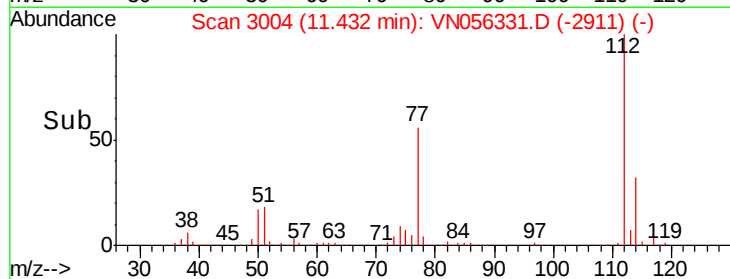
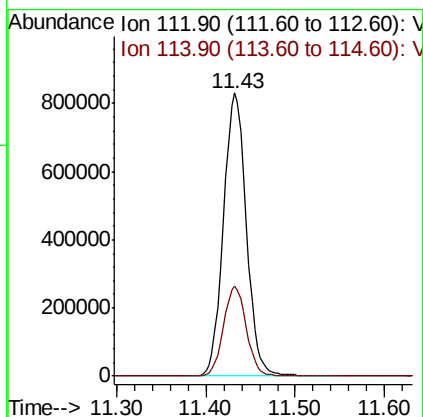
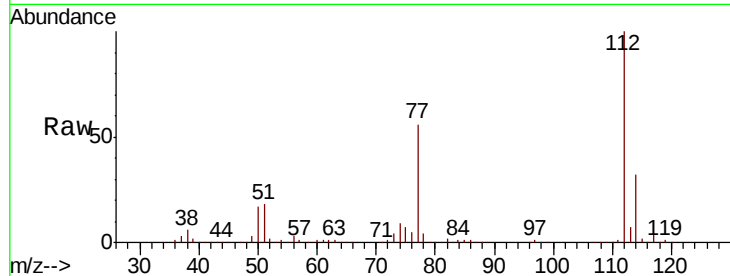




#65
Chlorobenzene
Concen: 119.297 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056331.D
Acq: 17 Jun 2019 10:48

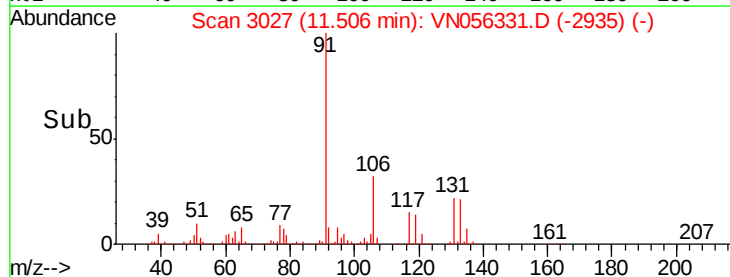
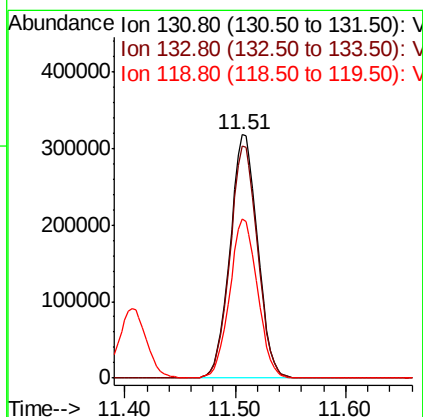
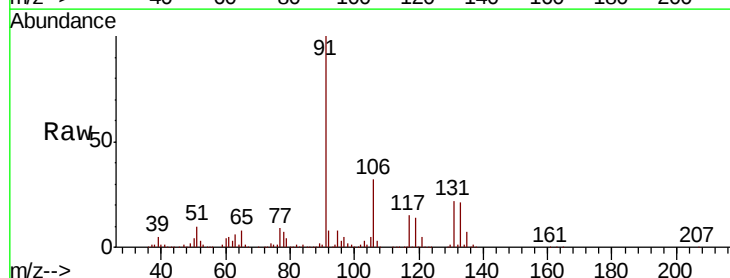
Instrument :
MSVOA_N
ClientSampled :

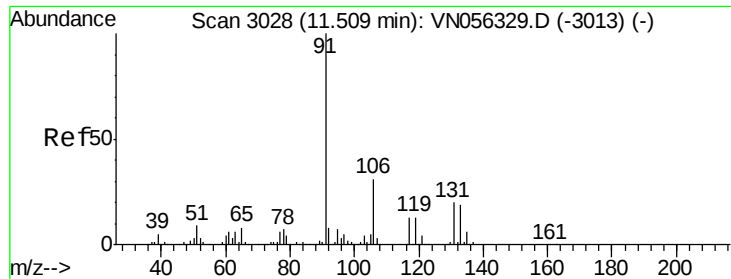
Tot Ion:112 Resp: 1474796
Ion Ratio Lower Upper
112 100
114 31.7 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 126.530 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN056331.D
Acq: 17 Jun 2019 10:48

Tgt Ion:131 Resp: 551217
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.7
119 65.8 33.5 100.5

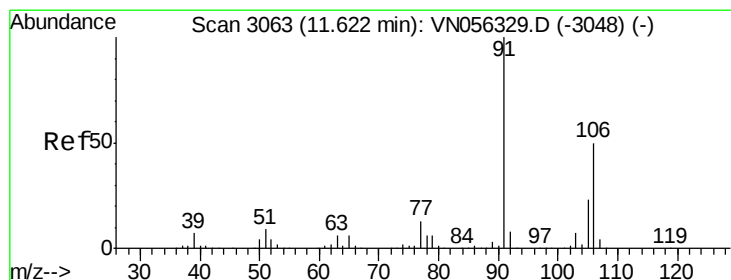
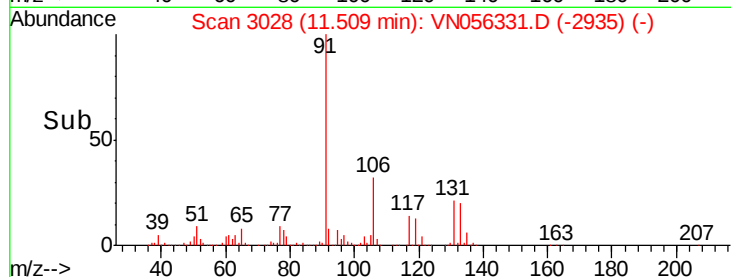
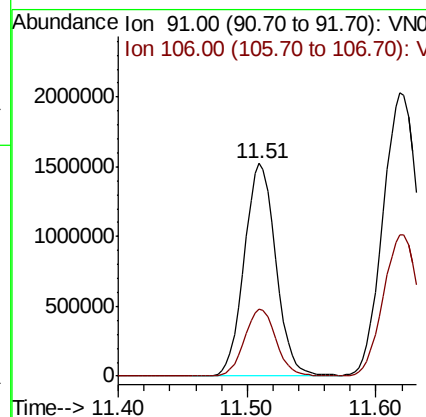
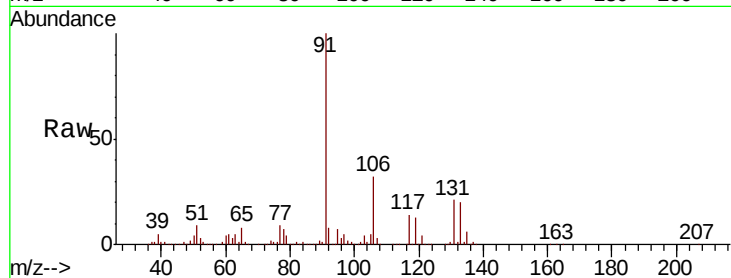




#67
Ethyl Benzene
Concen: 120.622 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056331.D
Acq: 17 Jun 2019 10:48

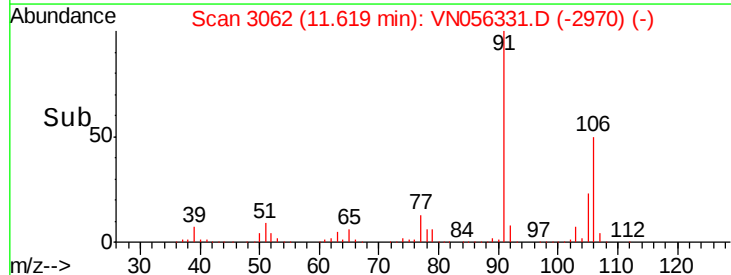
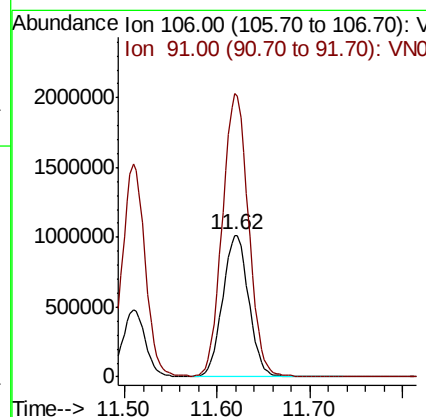
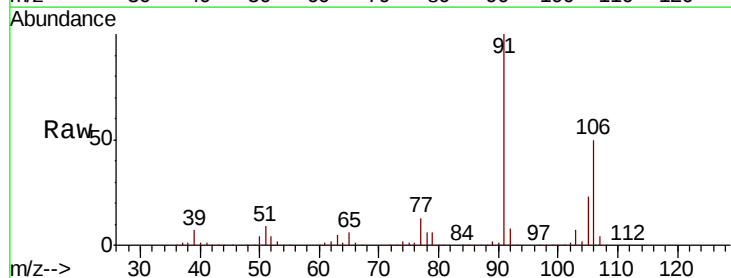
Instrument :
MSVOA_N
ClientSampled :

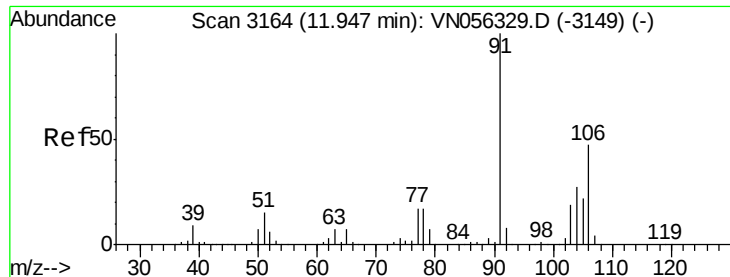
Tot Ion: 91 Resp: 2603558
Ion Ratio Lower Upper
91 100
106 31.7 25.0 37.6



#68
m/p-Xylenes
Concen: 240.795 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056331.D
Acq: 17 Jun 2019 10:48

Tgt Ion: 106 Resp: 1979873
Ion Ratio Lower Upper
106 100
91 200.7 160.7 241.1

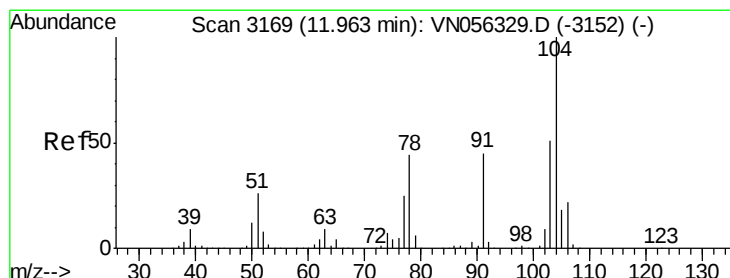
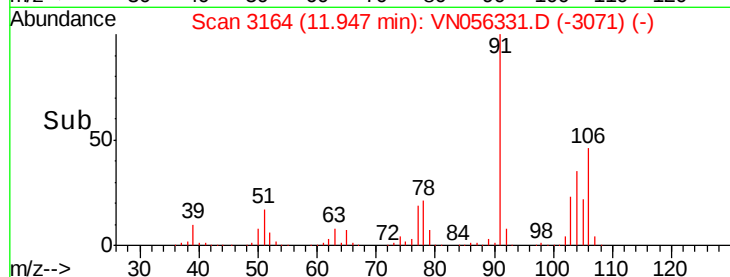
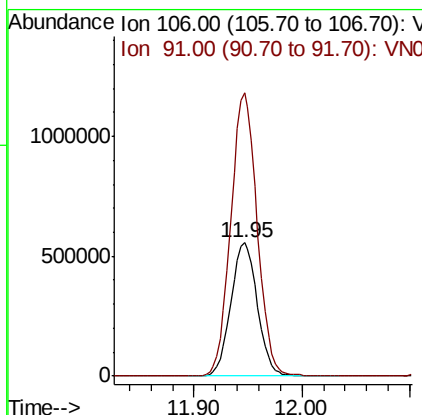
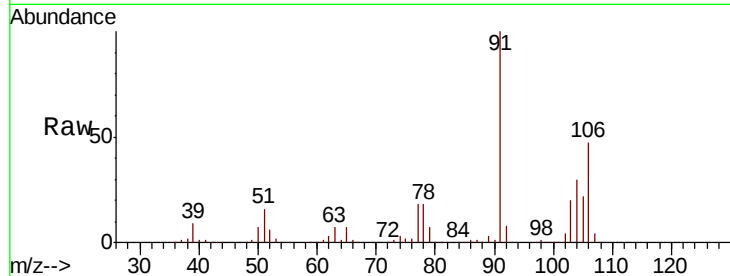




#69
o-Xylene
Concen: 118.422 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056331.D
Acq: 17 Jun 2019 10:48

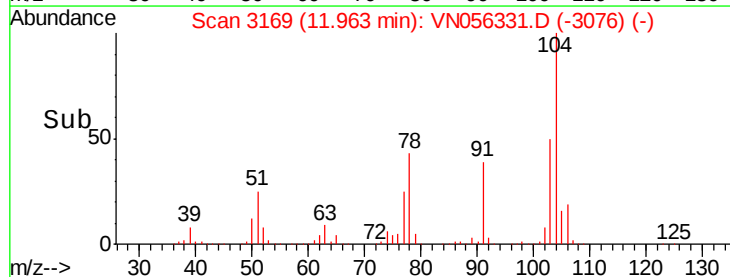
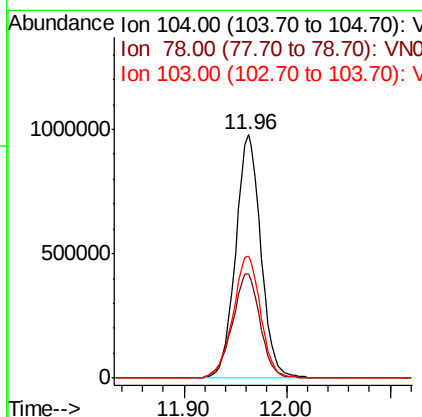
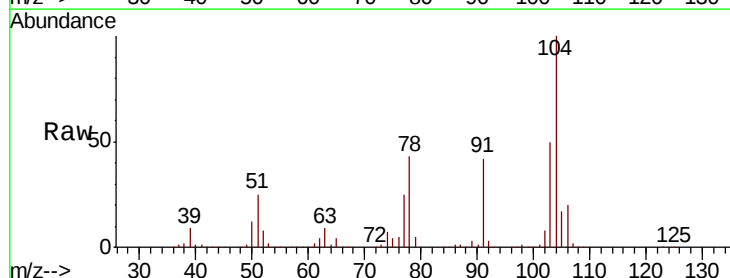
Instrument :
MSVOA_N
ClientSampled :

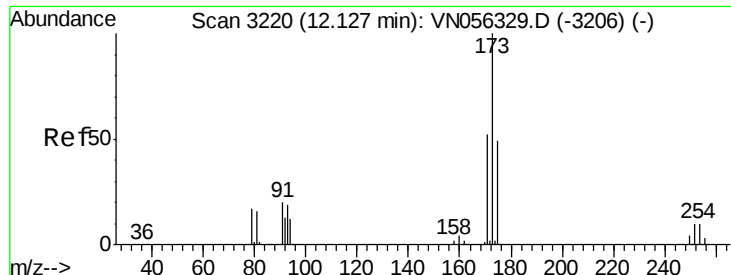
Tot Ion:106 Resp: 954662
Ion Ratio Lower Upper
106 100
91 211.4 105.6 316.7



#70
Styrene
Concen: 127.054 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056331.D
Acq: 17 Jun 2019 10:48

Tgt Ion:104 Resp: 1664746
Ion Ratio Lower Upper
104 100
78 47.5 38.4 57.6
103 55.0 44.0 66.0





#71

Bromoform

Concen: 137.978 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN056331.D

Acq: 17 Jun 2019 10:48

Instrument :

MSVOA_N

ClientSampleId :

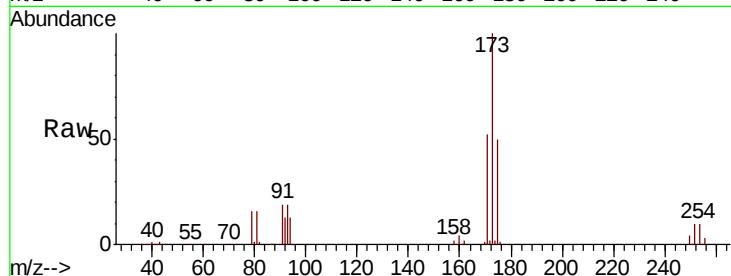
Tot Ion:173 Resp: 465217

Ion Ratio Lower Upper

173 100

175 49.2 24.3 73.0

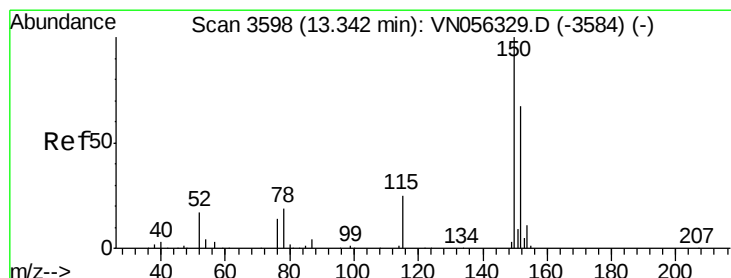
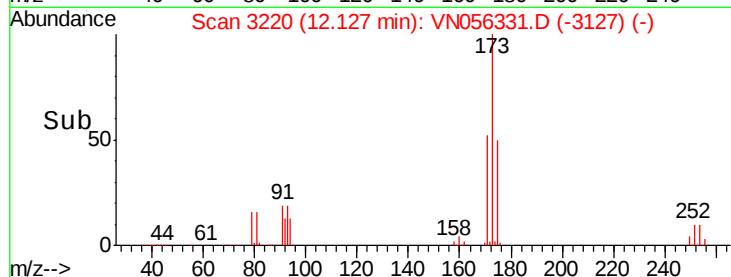
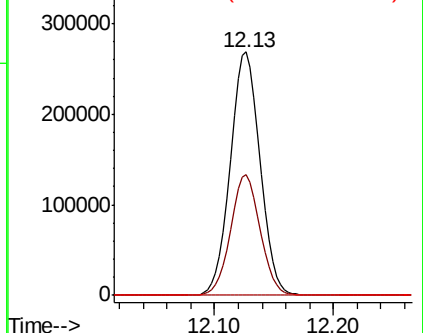
254 0.1 0.0 0.0#



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: VN056331.D

Acq: 17 Jun 2019 10:48

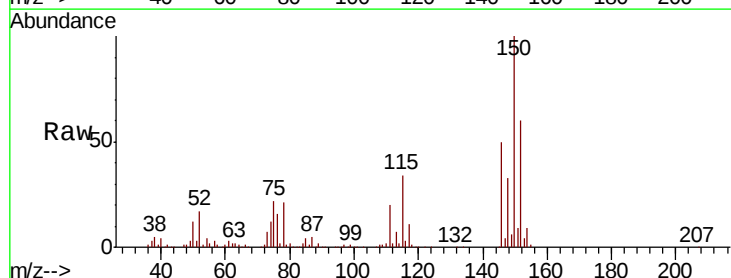
Tgt Ion:152 Resp: 241117

Ion Ratio Lower Upper

152 100

115 55.2 27.8 83.3

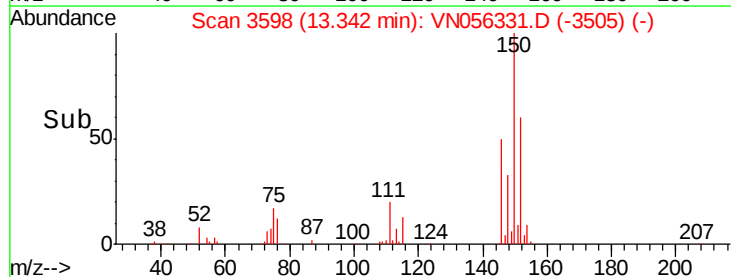
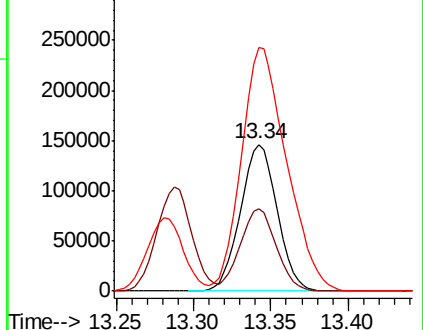
150 204.3 0.0 345.8

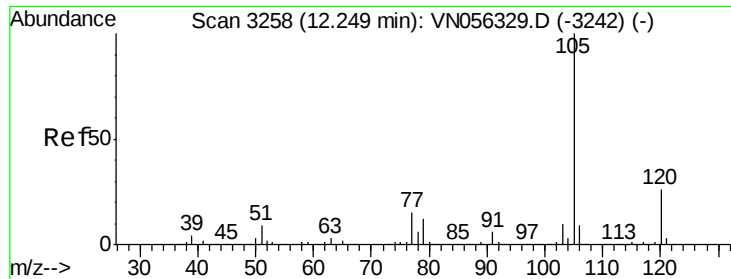


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 102.447 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN056331.D

Acq: 17 Jun 2019 10:48

Instrument :

MSVOA_N

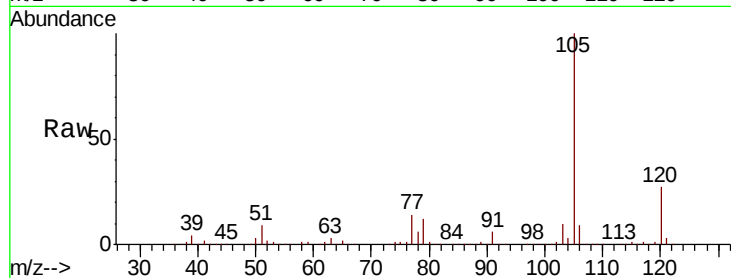
ClientSampleId :

Tot Ion:105 Resp: 2507222

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1500000

1000000

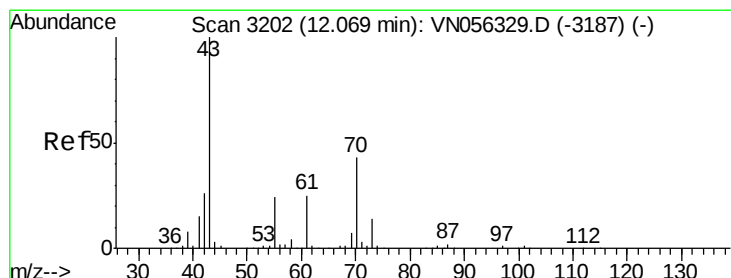
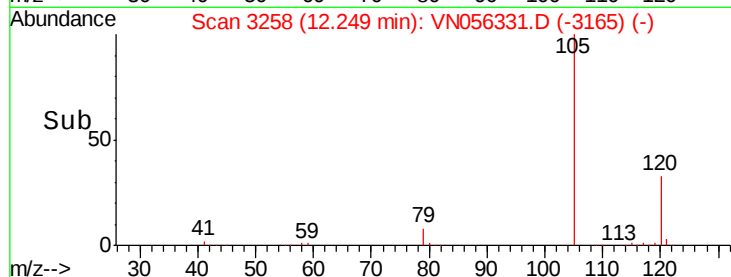
500000

0

12.25

12.30

Time-->



#74

N-ethyl acetate

Concen: 115.733 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN056331.D

Acq: 17 Jun 2019 10:48

Tgt Ion: 43 Resp: 979744

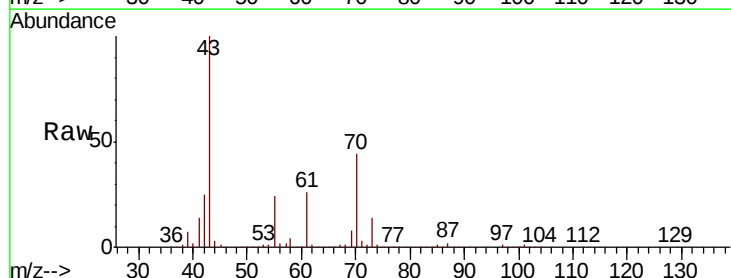
Ion Ratio Lower Upper

43 100

70 43.6 34.2 51.2

55 24.6 19.9 29.9

61 25.6 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

1000000

800000

600000

400000

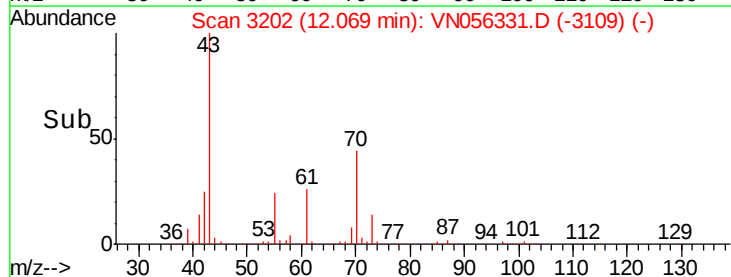
200000

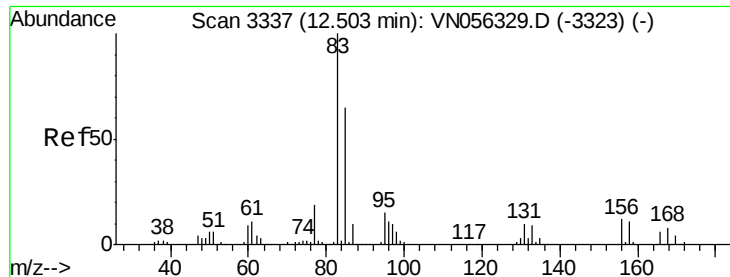
0

12.07

12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 108.456 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN056331.D

Acq: 17 Jun 2019 10:48

Instrument :

MSVOA_N

ClientSampleId :

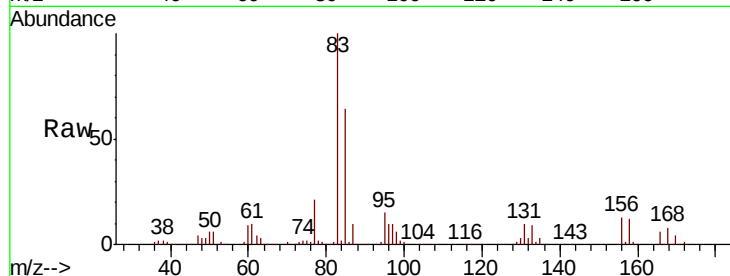
Tot Ion: 83 Resp: 787069

Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.3	15.8
85	64.2	32.2	96.6

83 100

131 10.3 5.3 15.8

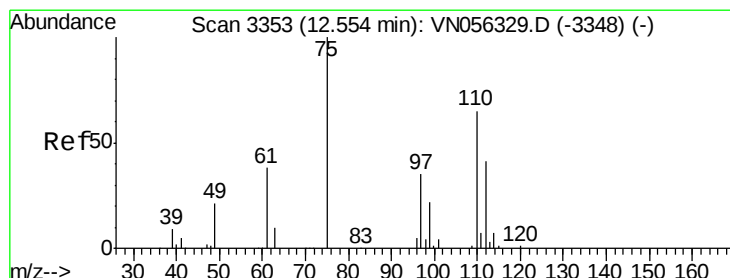
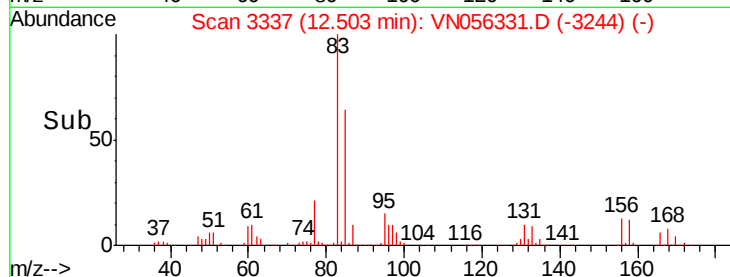
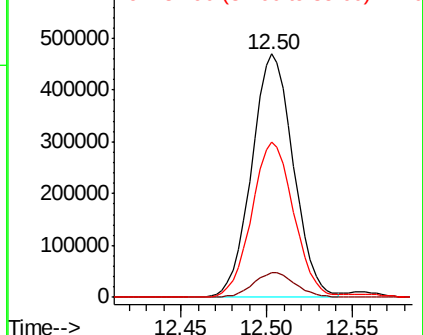
85 64.2 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VN056331.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN056331.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN056331.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 167.173 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN056331.D

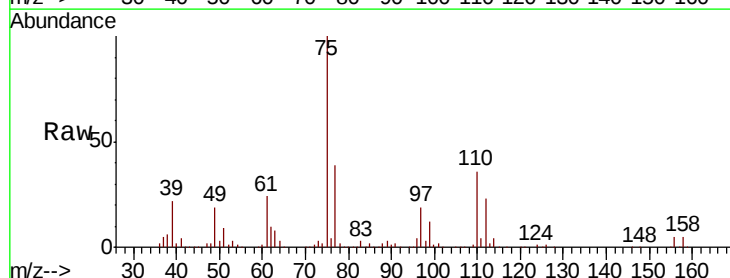
Acq: 17 Jun 2019 10:48

Tgt Ion: 75 Resp: 972561

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

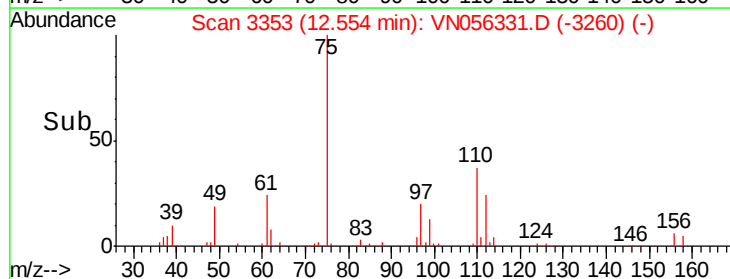
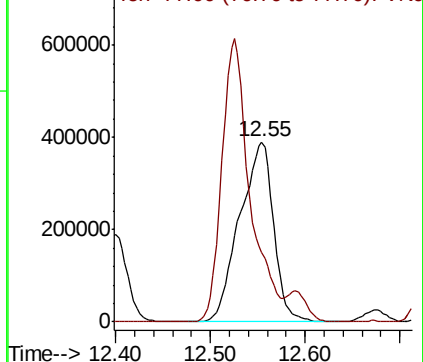
75 100

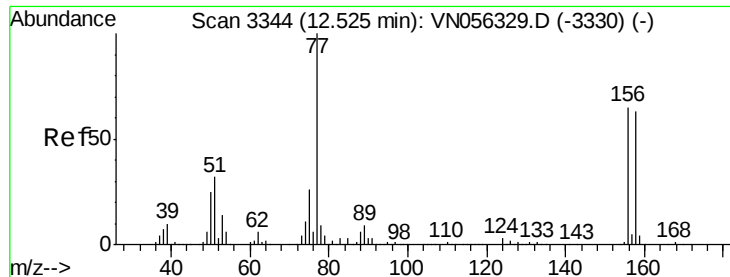
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN056331.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN056331.D (-3260) (-)





#77

Bromobenzene

Concen: 105.016 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN056331.D

Acq: 17 Jun 2019 10:48

Instrument :

MSVOA_N

ClientSampleId :

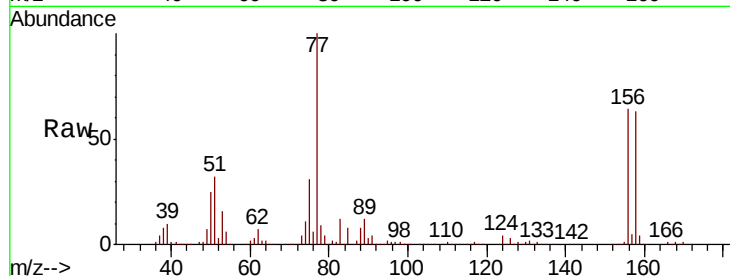
Tot Ion:156 Resp: 678192

Ion Ratio Lower Upper

156 100

77 187.8 92.9 278.7

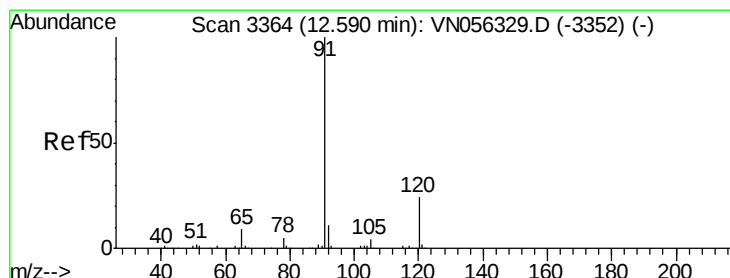
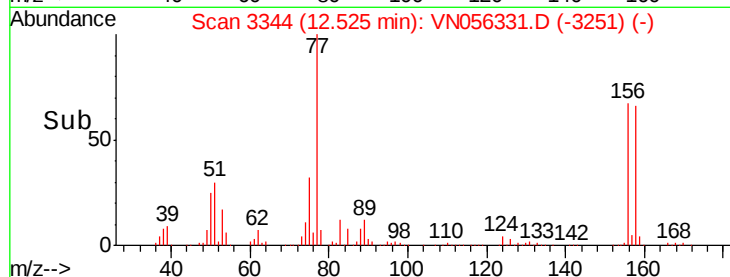
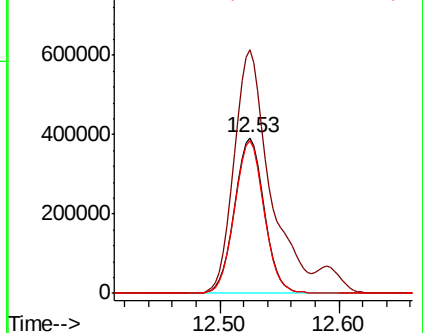
158 97.6 49.0 147.2



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: 110.062 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056331.D

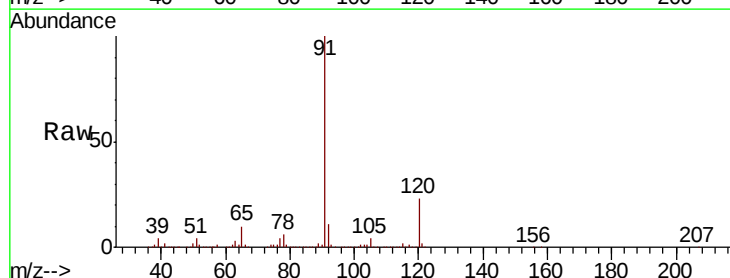
Acq: 17 Jun 2019 10:48

Tgt Ion: 91 Resp: 2877389

Ion Ratio Lower Upper

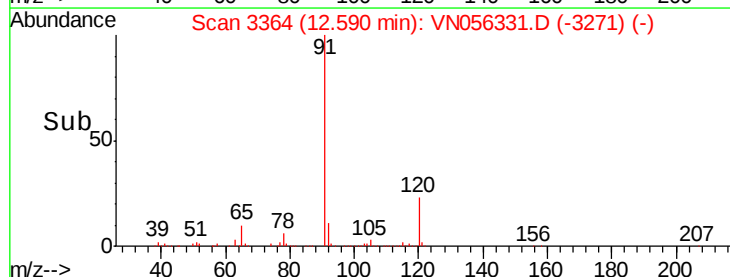
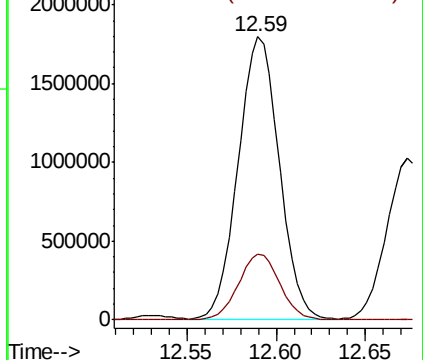
91 100

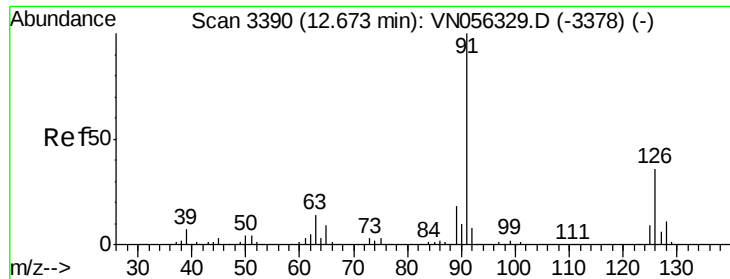
120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

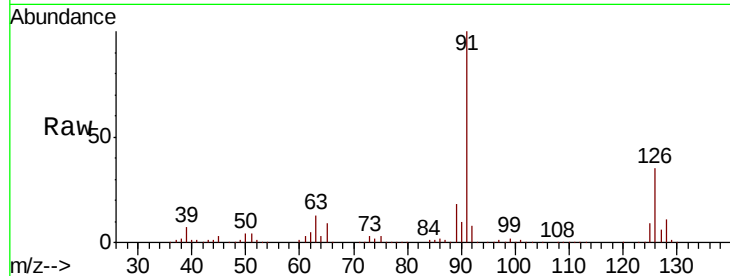




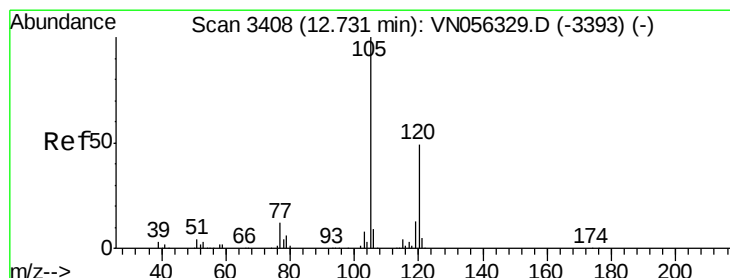
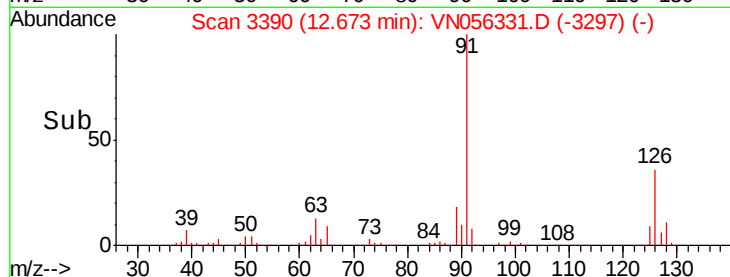
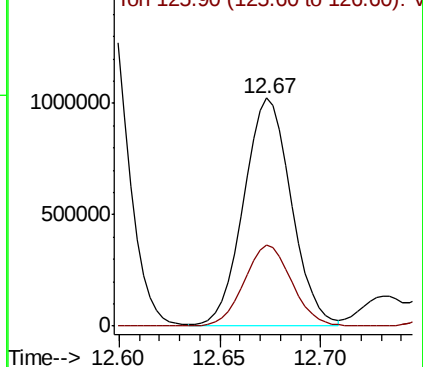
#79
2-Chlorotoluene
Concen: 103.999 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. -0.00 min
Lab File: VN056331.D
Acq: 17 Jun 2019 10:48

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 1682155
Ion Ratio Lower Upper
91 100
126 35.9 18.0 54.0

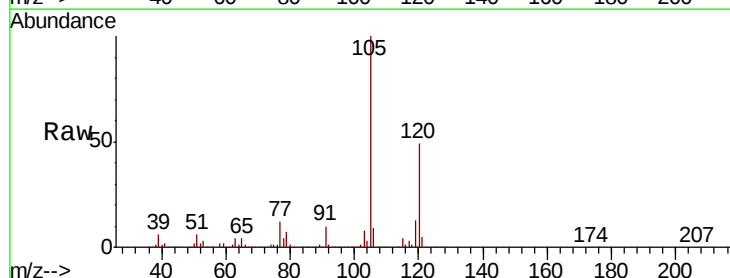


Abundance Ion 91.00 (90.70 to 91.70): VN056331.D (-3297) (-)
Ion 125.90 (125.60 to 126.60): VN056331.D (-3297) (-)

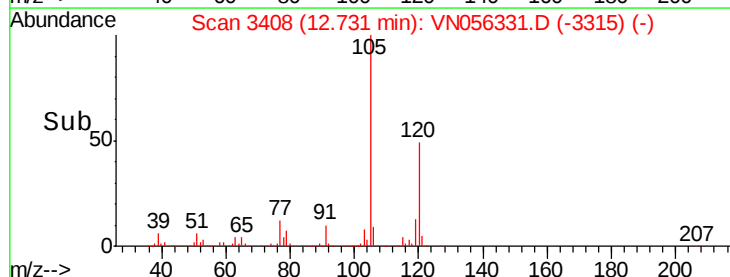
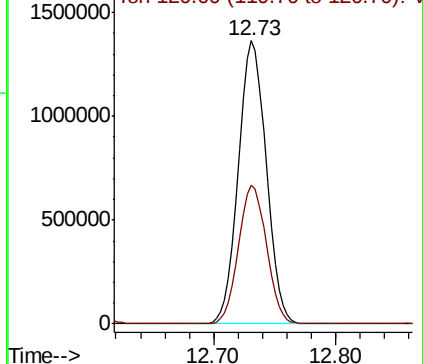


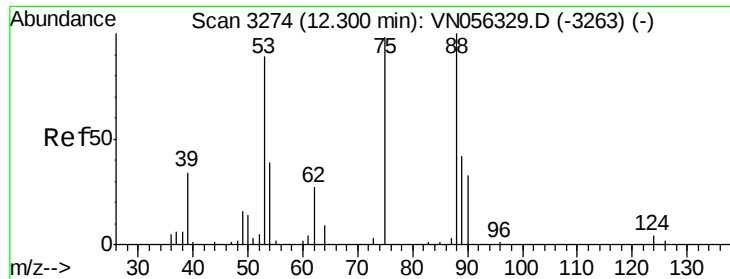
#80
1,3,5-Trimethylbenzene
Concen: 105.451 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN056331.D
Acq: 17 Jun 2019 10:48

Tgt Ion:105 Resp: 2148463
Ion Ratio Lower Upper
105 100
120 49.4 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VN056331.D (-3315) (-)
Ion 120.00 (119.70 to 120.70): VN056331.D (-3315) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 123.119 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN056331.D

Acq: 17 Jun 2019 10:48

Instrument :

MSVOA_N

ClientSampled :

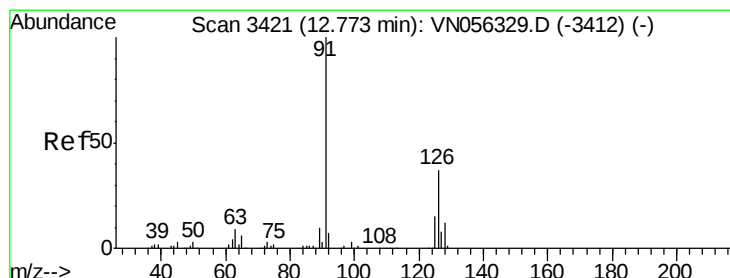
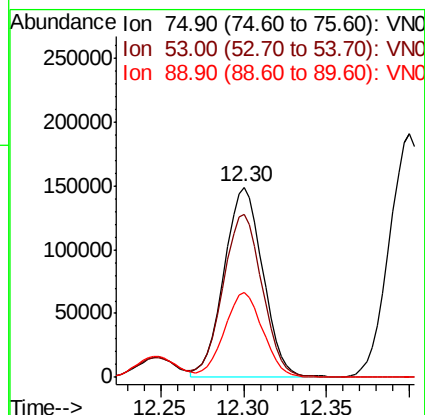
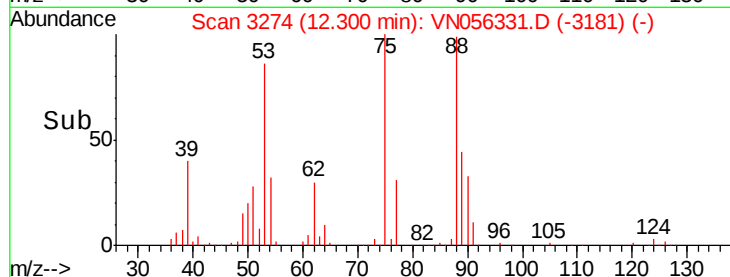
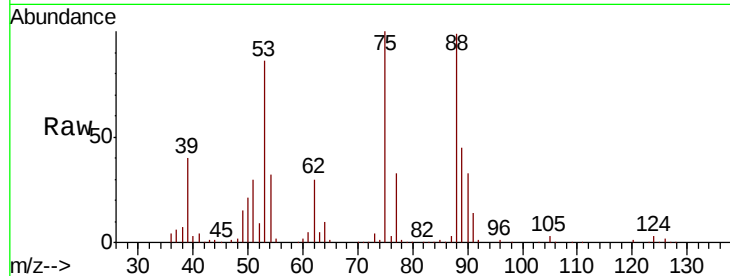
Tot Ion: 75 Resp: 241217

Ion	Ratio	Lower	Upper
75	100		
53	87.9	73.5	110.3
89	44.6	35.4	53.2

75 100

53 87.9 73.5 110.3

89 44.6 35.4 53.2



#82

4-Chlorotoluene

Concen: 112.652 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN056331.D

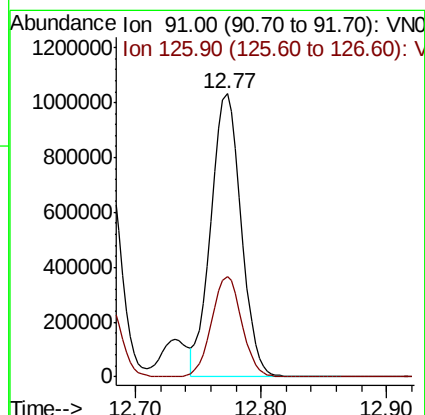
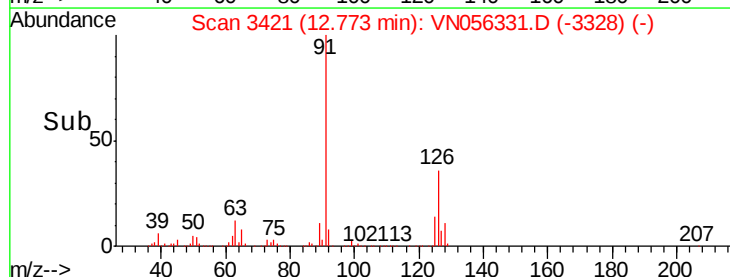
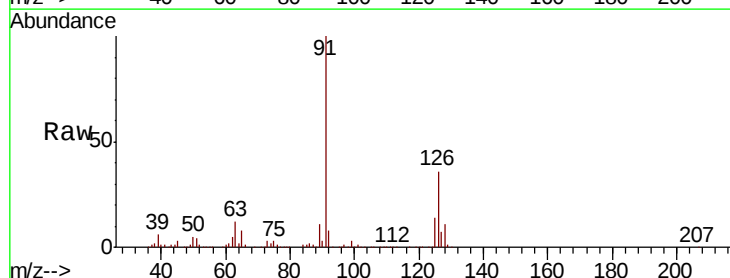
Acq: 17 Jun 2019 10:48

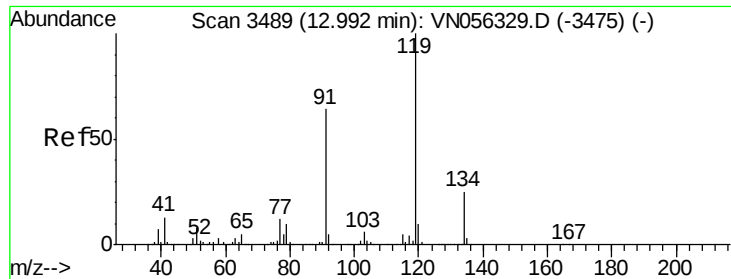
Tgt Ion: 91 Resp: 1727184

Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.6	52.8

91 100

126 35.4 17.6 52.8

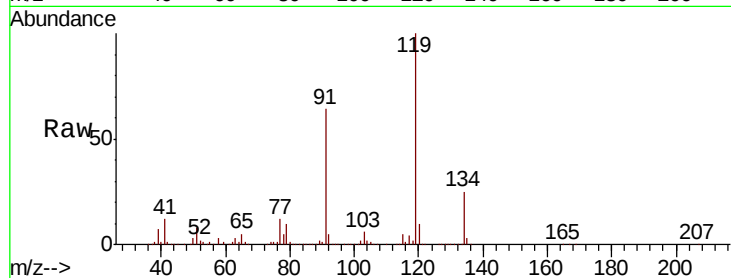




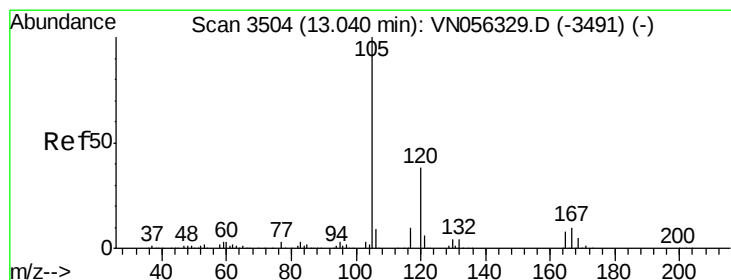
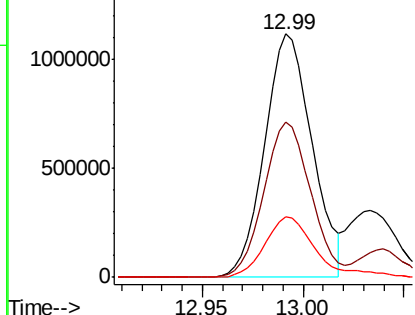
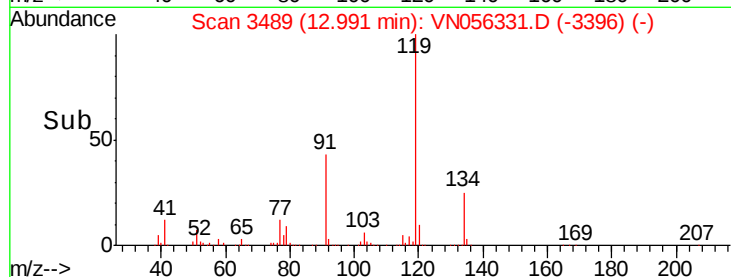
#83
 tert-Butylbenzene
 Concen: 102.368 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN056331.D
 Acq: 17 Jun 2019 10:48

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:119 Resp: 1827277
 Ion Ratio Lower Upper
 119 100
 91 63.1 31.5 94.5
 134 26.6 13.6 40.7

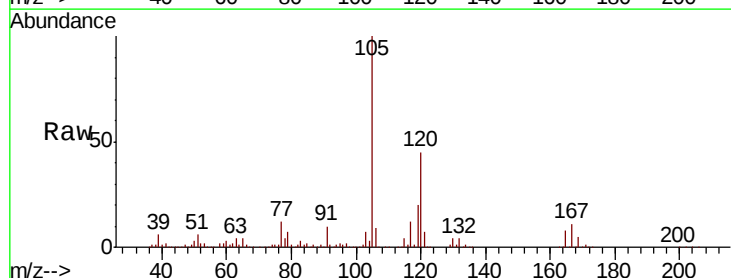


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

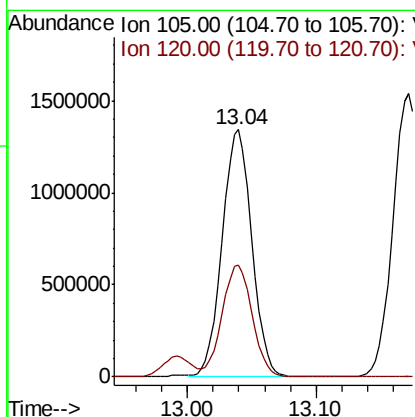
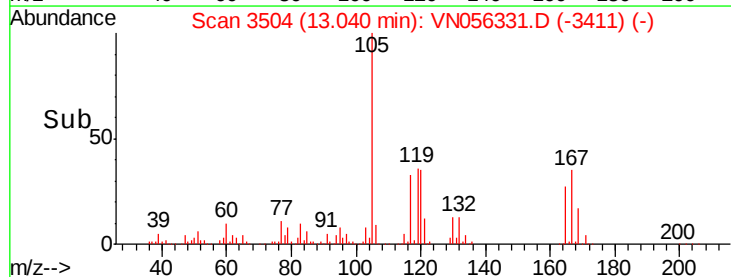


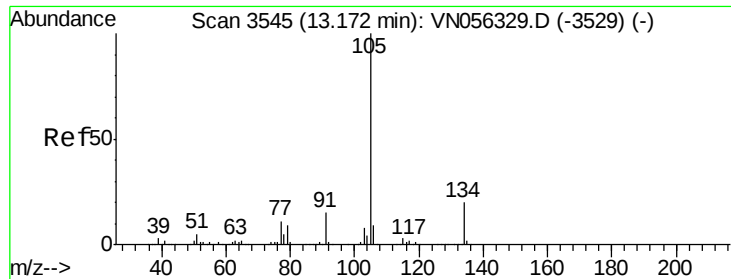
#84
 1,2,4-Trimethylbenzene
 Concen: 110.293 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN056331.D
 Acq: 17 Jun 2019 10:48

Tgt Ion:105 Resp: 2135463
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.1 69.2



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

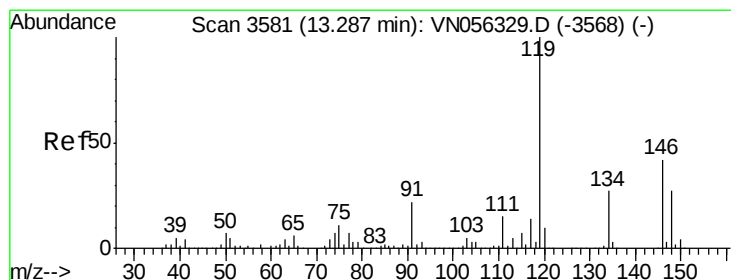
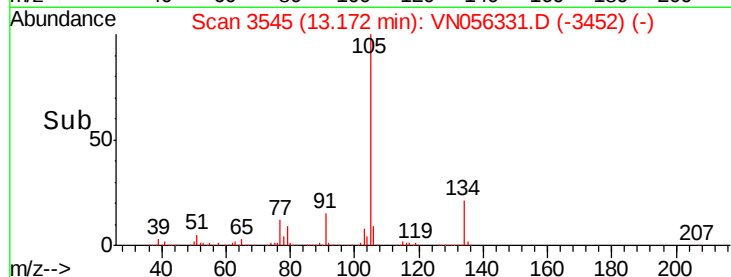
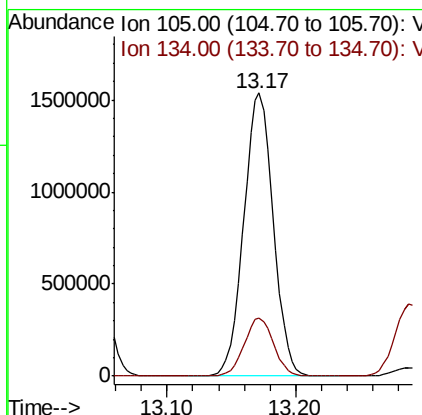
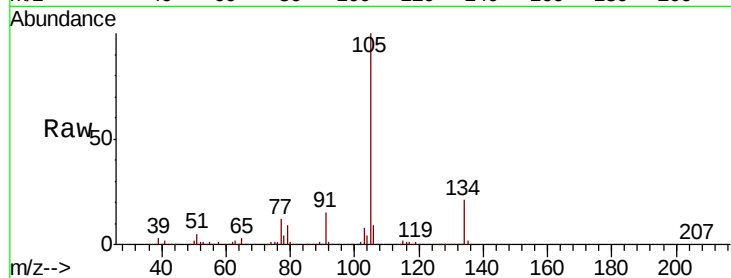




#85
 sec-Butylbenzene
 Concen: 107.177 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN056331.D
 Acq: 17 Jun 2019 10:48

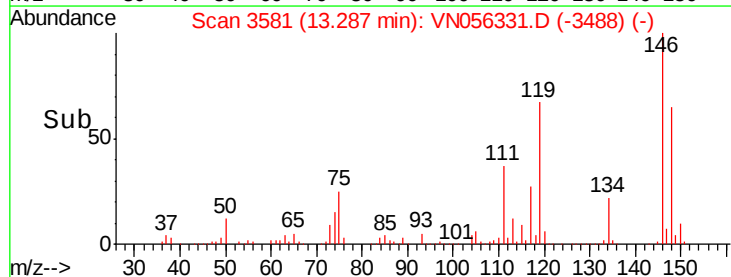
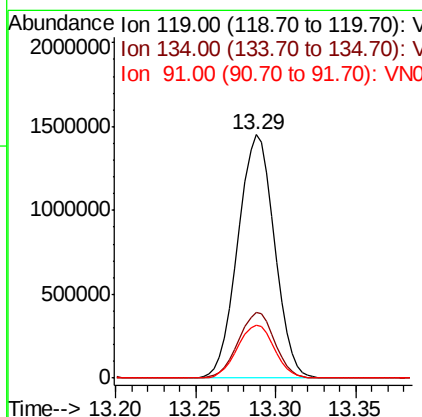
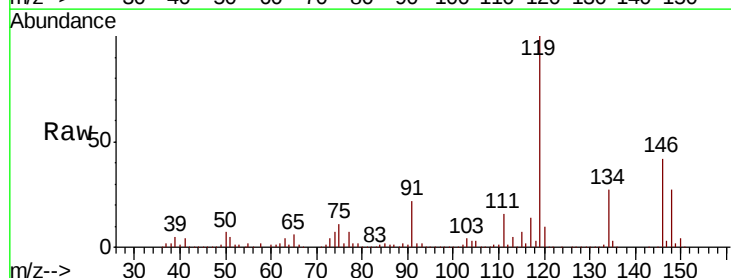
Instrument :
 MSVOA_N
 ClientSampleId :

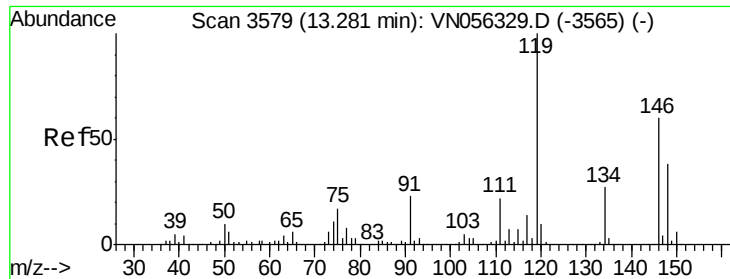
Tot Ion:105 Resp: 2445347
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 111.328 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN056331.D
 Acq: 17 Jun 2019 10:48

Tgt Ion:119 Resp: 2259026
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.4
 91 22.1 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 115.651 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN056331.D

Acq: 17 Jun 2019 10:48

Instrument :

MSVOA_N

ClientSampled :

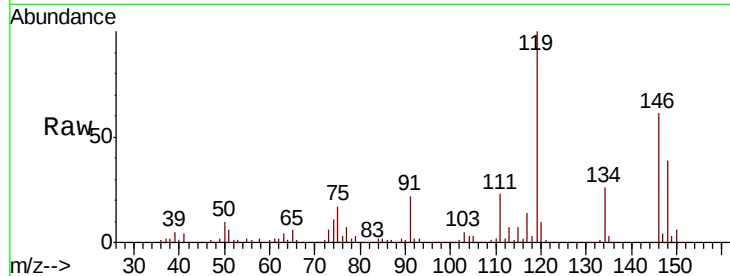
Tot Ion:146 Resp: 1166251

Ion Ratio Lower Upper

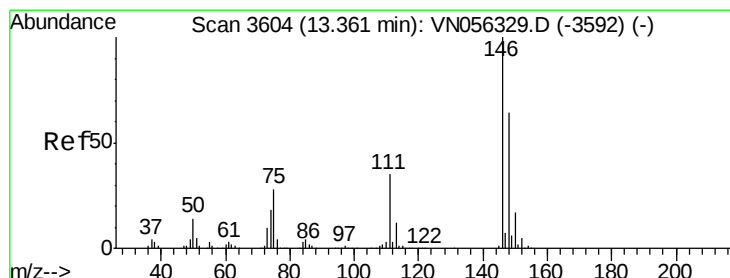
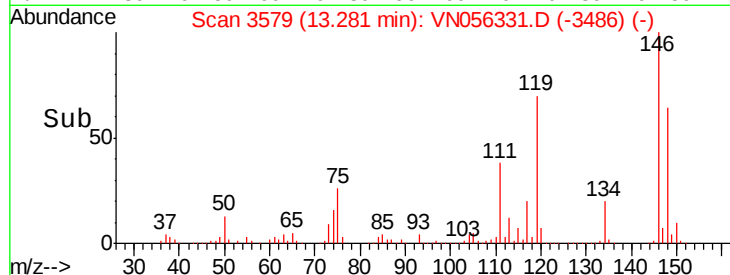
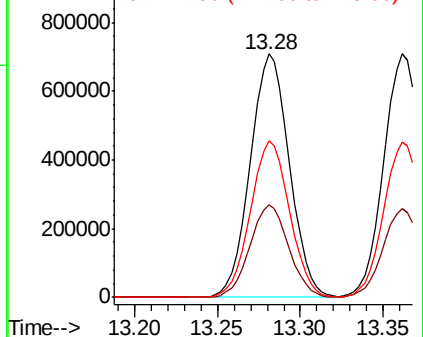
146 100

111 37.7 18.9 56.7

148 64.2 31.9 95.5



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



#88

1,4-Dichlorobenzene

Concen: 118.677 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN056331.D

Acq: 17 Jun 2019 10:48

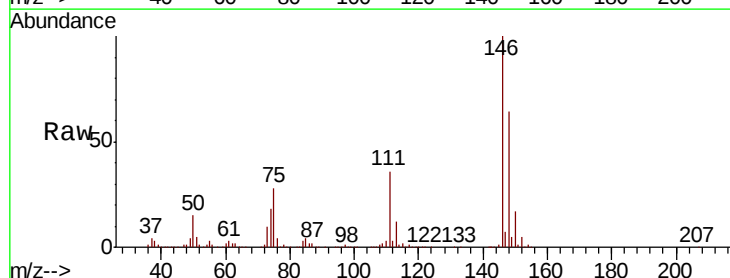
Tgt Ion:146 Resp: 1153551

Ion Ratio Lower Upper

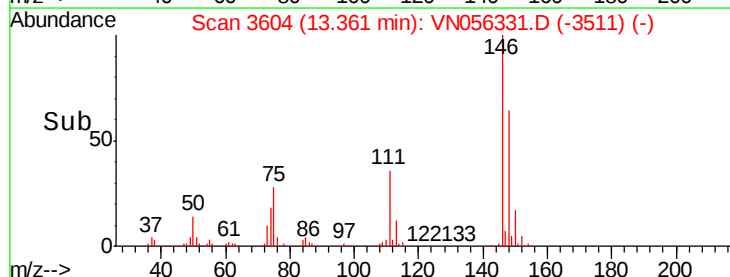
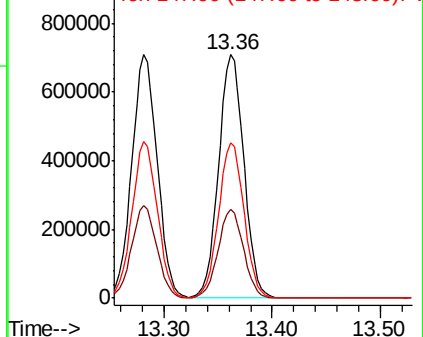
146 100

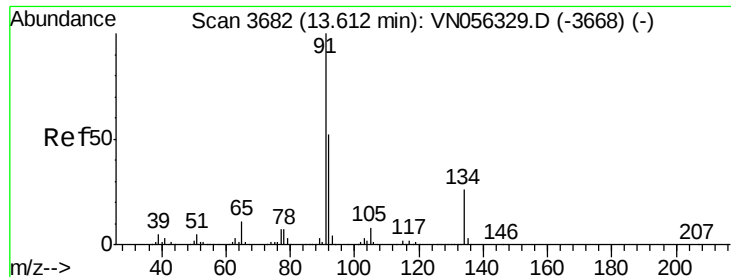
111 36.4 18.1 54.1

148 64.1 32.1 96.5



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





#89

n-Butylbenzene

Concen: 125.510 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN056331.D

Acq: 17 Jun 2019 10:48

Instrument :

MSVOA_N

ClientSampleId :

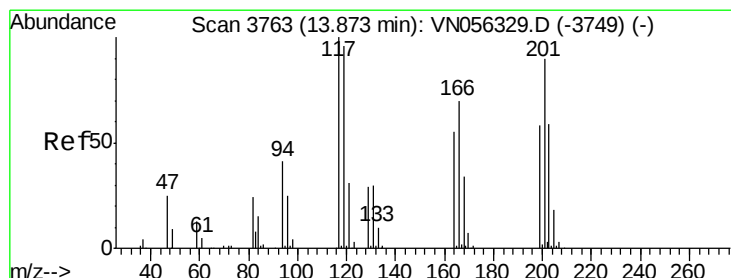
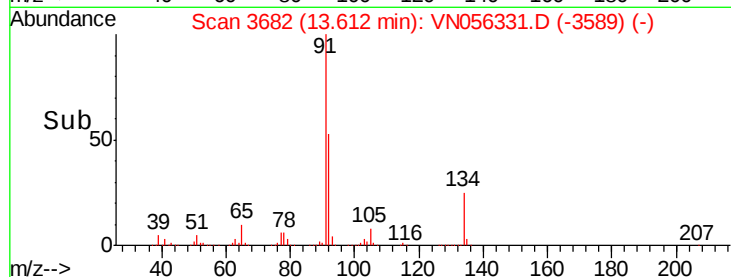
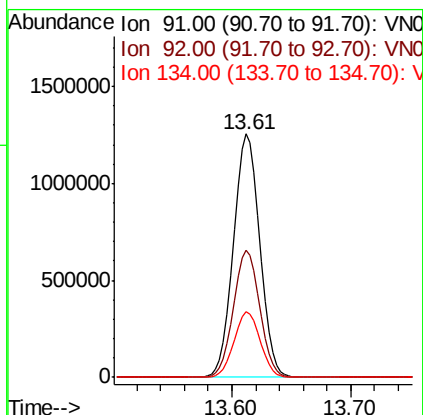
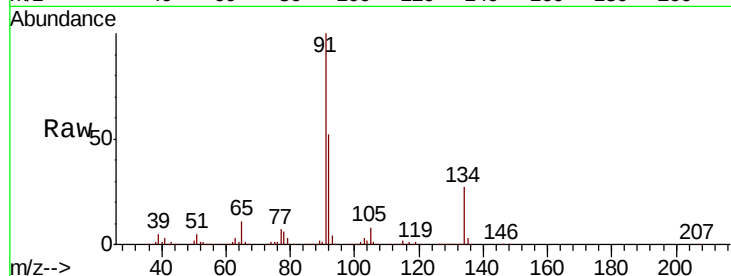
Tot Ion: 91 Resp: 1918233

Ion Ratio Lower Upper

91 100

92 52.3 26.0 78.0

134 26.8 13.2 39.5



#90

Hexachloroethane

Concen: 119.051 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN056331.D

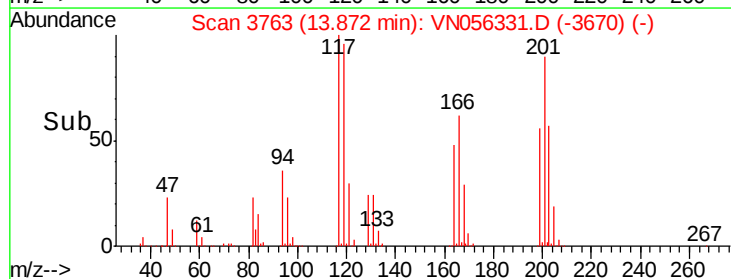
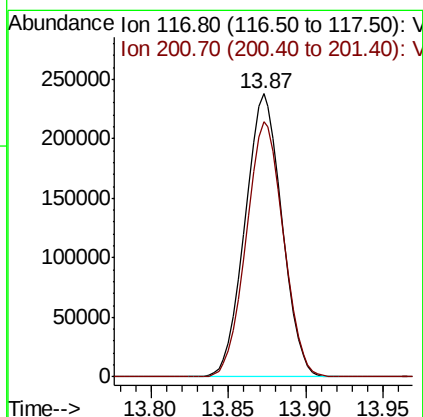
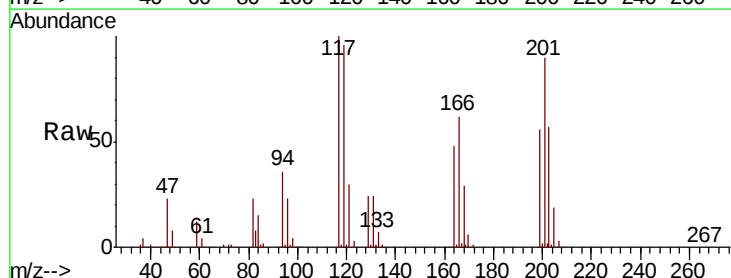
Acq: 17 Jun 2019 10:48

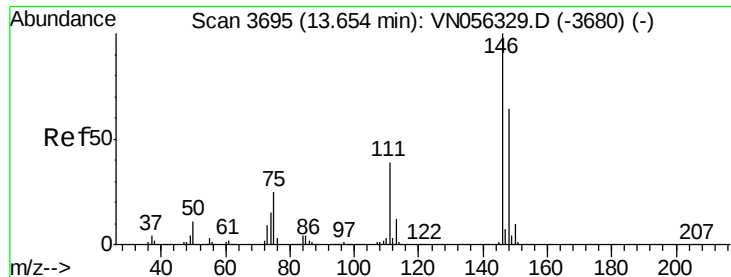
Tgt Ion: 117 Resp: 394495

Ion Ratio Lower Upper

117 100

201 90.9 45.8 137.3





#91

1,2-Dichlorobenzene

Concen: 113.189 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN056331.D

Acq: 17 Jun 2019 10:48

Instrument :

MSVOA_N

ClientSampleId :

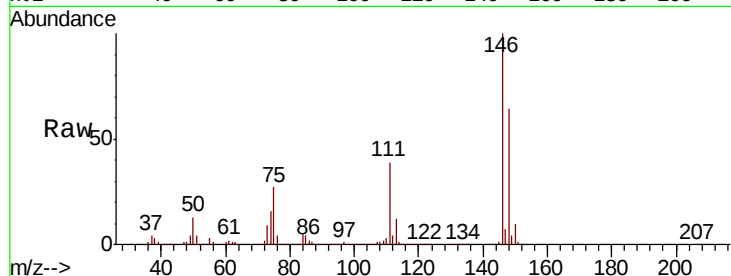
Tot Ion:146 Resp: 1140425

Ion Ratio Lower Upper

146 100

111 39.2 19.4 58.2

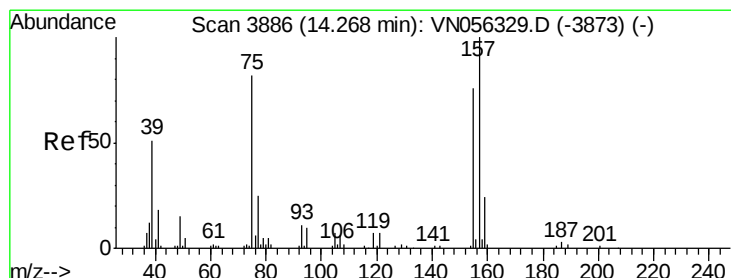
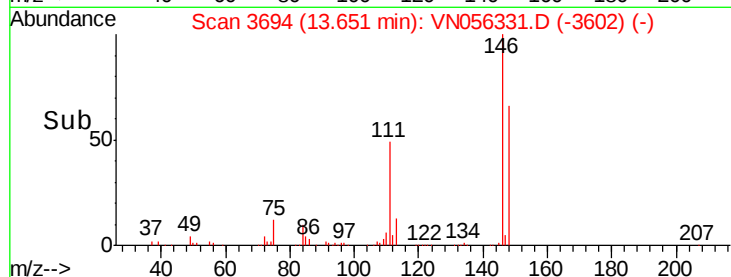
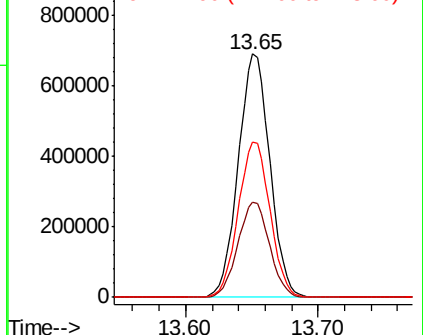
148 64.3 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 137.844 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN056331.D

Acq: 17 Jun 2019 10:48

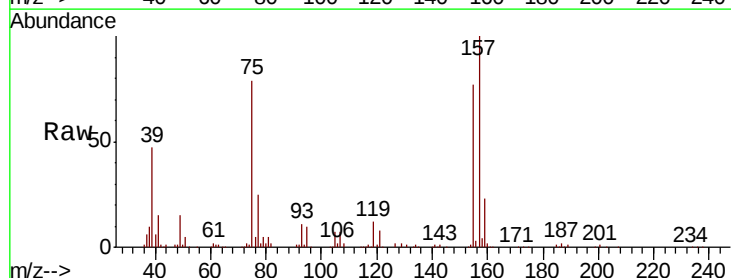
Tgt Ion: 75 Resp: 151532

Ion Ratio Lower Upper

75 100

155 97.0 47.8 143.4

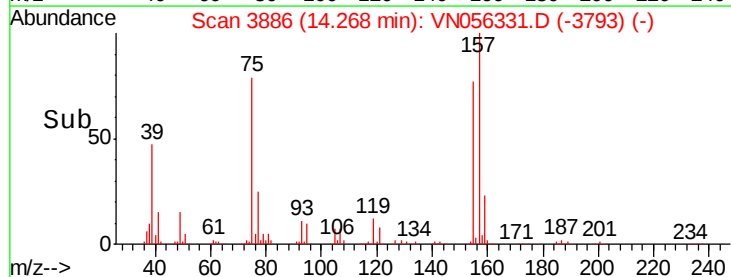
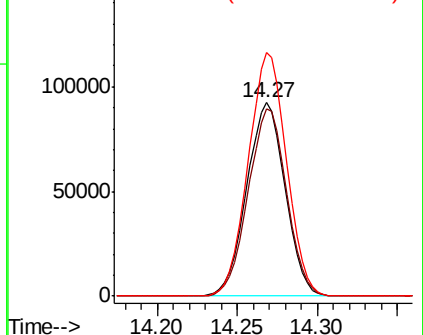
157 125.3 62.8 188.5

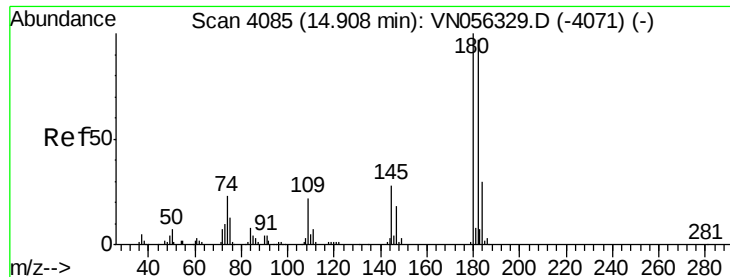


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

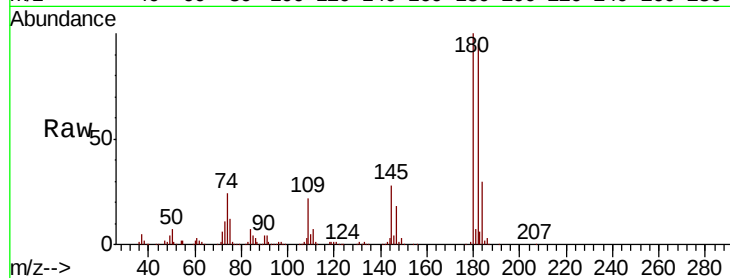




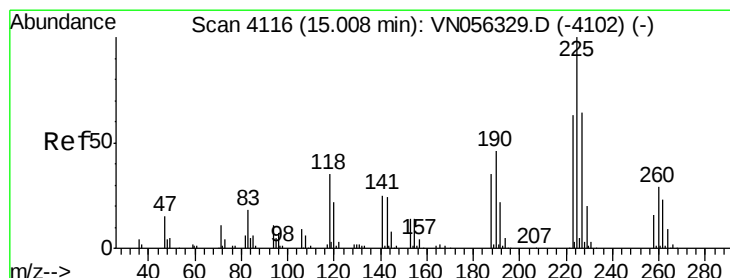
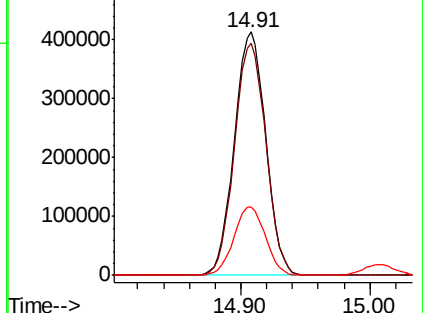
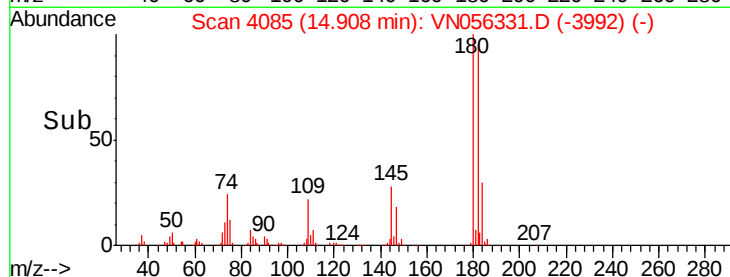
#93
 1,2,4-Trichlorobenzene
 Concen: 153.136 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN056331.D
 Acq: 17 Jun 2019 10:48

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.4	142.3
145	28.3	14.0	41.9

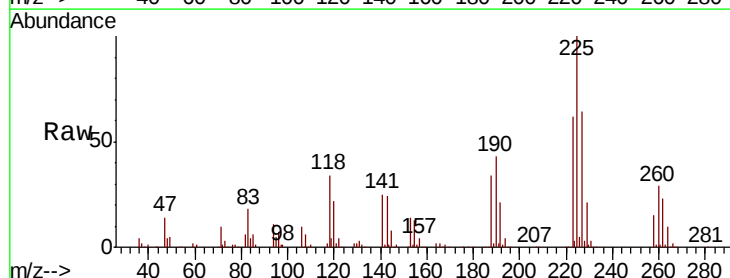


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

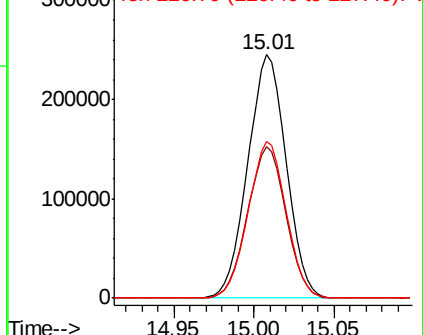
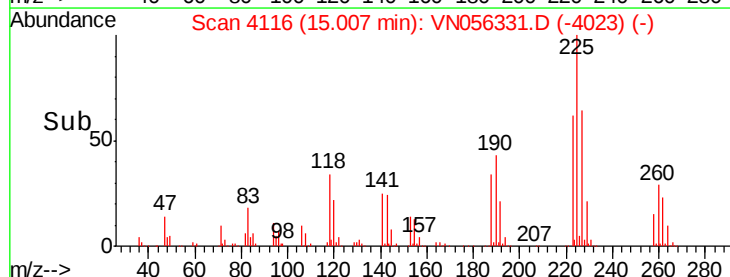


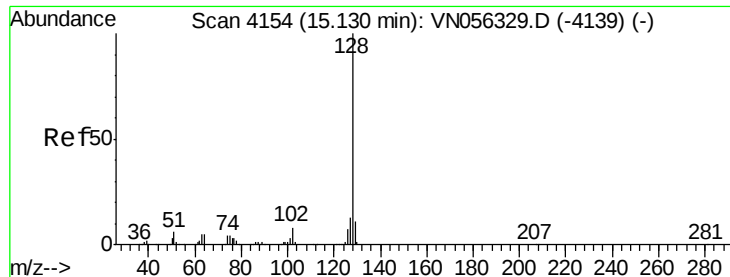
#94
 Hexachlorobutadiene
 Concen: 105.282 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN056331.D
 Acq: 17 Jun 2019 10:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.2	93.6
227	63.6	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: 151.582 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN056331.D

Acq: 17 Jun 2019 10:48

Instrument :

MSVOA_N

ClientSampled :

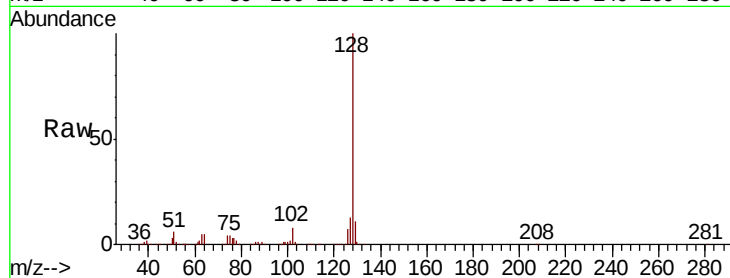
Tot Ion:128 Resp: 1823281

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

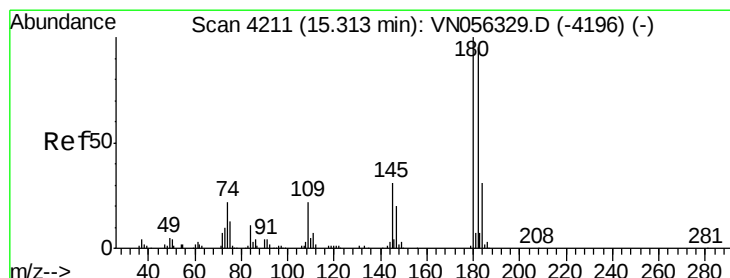
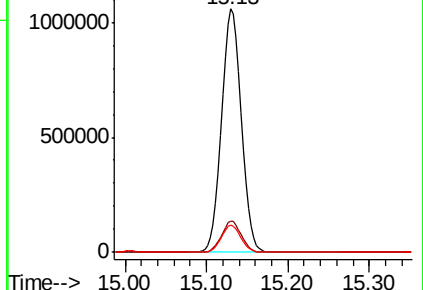
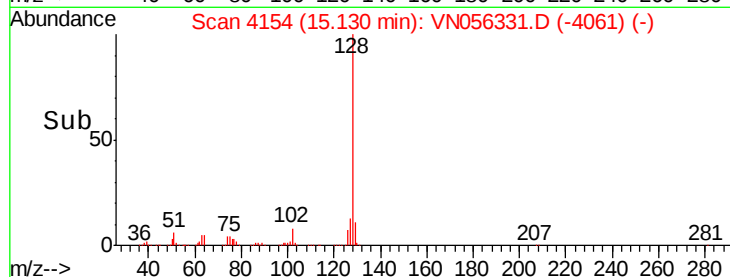
129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 143.574 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN056331.D

Acq: 17 Jun 2019 10:48

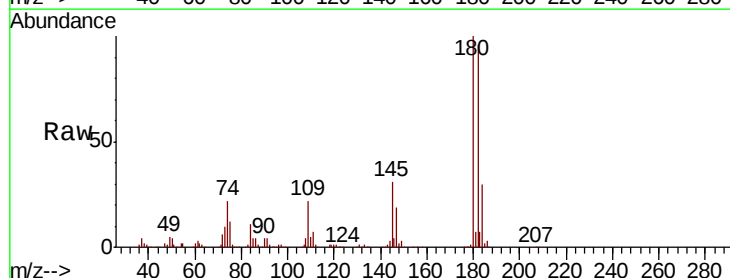
Tgt Ion:180 Resp: 707085

Ion Ratio Lower Upper

180 100

182 95.6 47.1 141.4

145 30.5 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

