

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091219\
 Data File : VN057952.D
 Acq On : 12 Sep 2019 2:03
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 12 02:35:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	316887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	516703	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	496456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	302792	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	333103	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
35) Dibromofluoromethane	7.58	113	237344	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	10.09	98	977531	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
62) 4-Bromofluorobenzene	12.40	95	356355	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	214549	48.957	ug/l	98
3) Chloromethane	2.03	50	193626	43.350	ug/l	99
4) Vinyl Chloride	2.16	62	210431	44.514	ug/l	99
5) Bromomethane	2.53	94	109714	41.990	ug/l	98
6) Chloroethane	2.67	64	134151	44.534	ug/l	95
7) Trichlorofluoromethane	2.99	101	267404	44.949	ug/l	97
8) Diethyl Ether	3.39	74	115871	46.698	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	179152	47.737	ug/l	99
10) Methyl Iodide	3.93	142	177323	42.460	ug/l	99
11) Tert butyl alcohol	4.77	59	181775	233.999	ug/l #	87
12) 1,1-Dichloroethene	3.71	96	153574	45.513	ug/l	98
13) Acrolein	3.59	56	140765	213.588	ug/l	99
14) Allyl chloride	4.30	41	292875	44.352	ug/l	99
15) Acrylonitrile	4.96	53	523291	245.083	ug/l	99
16) Acetone	3.80	43	439106	208.697	ug/l	99
17) Carbon Disulfide	4.03	76	225210	42.906	ug/l	100
18) Methyl Acetate	4.30	43	286703	51.106	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	687666	48.970	ug/l	99
20) Methylene Chloride	4.53	84	209590	52.384	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	168324	46.146	ug/l	96
22) Diisopropyl ether	5.93	45	780405	50.395	ug/l	100
23) Vinyl Acetate	5.87	43	2816565	256.639	ug/l	100
24) 1,1-Dichloroethane	5.82	63	408853	48.308	ug/l	99
25) 2-Butanone	6.82	43	724532	237.920	ug/l	99
26) 2,2-Dichloropropane	6.81	77	228168	34.066	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	233216	47.709	ug/l	98
28) Bromochloromethane	7.18	49	215426	50.950	ug/l	97
29) Tetrahydrofuran	7.19	42	463046	246.759	ug/l	99
30) Chloroform	7.36	83	433695	49.009	ug/l	99
31) Cyclohexane	7.64	56	294991	51.201	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	341959	48.724	ug/l	99
36) 1,1-Dichloropropene	7.78	75	279121	46.579	ug/l	99
37) Ethyl Acetate	6.91	43	295919	47.796	ug/l	99
38) Carbon Tetrachloride	7.76	117	267590	48.910	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	288613	45.816	ug/l	100
40) Benzene	8.03	78	878898	48.717	ug/l	100
41) Methacrylonitrile	7.15	41	138884	49.418	ug/l	98
42) 1,2-Dichloroethane	8.11	62	349161	48.392	ug/l	99
43) Isopropyl Acetate	8.15	43	517984	49.750	ug/l #	90
44) Trichloroethene	8.83	130	208175	47.046	ug/l	97
45) 1,2-Dichloropropane	9.11	63	262816	50.064	ug/l	99
46) Dibromomethane	9.20	93	158235	49.881	ug/l	99
47) Bromodichloromethane	9.40	83	320741	50.632	ug/l	97
48) Methyl methacrylate	9.19	41	258611	48.966	ug/l	99
49) 1,4-Dioxane	9.19	88	81716	914.924	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1632944	265.032	ug/l	100
52) Toluene	10.15	92	560400	49.318	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	322700	48.375	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	356821	48.448	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	241846	50.246	ug/l	98
56) Ethyl methacrylate	10.43	69	369279	50.948	ug/l	99
57) 1,3-Dichloropropane	10.71	76	412785	49.764	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	874373	256.127	ug/l	99
59) 2-Hexanone	10.75	43	1186317	256.882	ug/l	99
60) Dibromochloromethane	10.90	129	230482	51.568	ug/l	99
61) 1,2-Dibromoethane	11.00	107	228464	50.207	ug/l	100
64) Tetrachloroethene	10.63	164	179246	48.900	ug/l	99
65) Chlorobenzene	11.44	112	628987	48.411	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	229725	50.955	ug/l	100
67) Ethyl Benzene	11.51	91	1152857	50.630	ug/l	100
68) m/p-Xylenes	11.62	106	834042	99.997	ug/l	99
69) o-Xylene	11.95	106	415391	50.096	ug/l	97
70) Styrene	11.97	104	739524	51.823	ug/l	100
71) Bromoform	12.13	173	143606	51.091	ug/l #	99
73) Isopropylbenzene	12.25	105	1167735	49.700	ug/l	100
74) N-amyl acetate	12.07	43	506067	49.491	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	371992	47.022	ug/l	98
76) 1,2,3-Trichloropropane	12.56	75	439338	64.140	ug/l #	100
77) Bromobenzene	12.53	156	273021	46.607	ug/l	97
78) n-propylbenzene	12.60	91	1362153	50.487	ug/l	100
79) 2-Chlorotoluene	12.68	91	812943	47.673	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	995506	50.145	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	83488	42.892	ug/l	93
82) 4-Chlorotoluene	12.78	91	849597	48.516	ug/l	100
83) tert-Butylbenzene	13.00	119	863248	48.918	ug/l	99
84) 1,2,4-Trimethylbenzene	13.05	105	1010992	50.106	ug/l	100
85) sec-Butylbenzene	13.18	105	1171684	50.094	ug/l	99
86) p-Isopropyltoluene	13.29	119	1050847	50.990	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	519503	48.315	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	516266	47.302	ug/l	99
89) n-Butylbenzene	13.62	91	967923	49.734	ug/l	100
90) Hexachloroethane	13.88	117	153517	50.088	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	520530	48.457	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.28	75	66757	51.098	ug/l	97

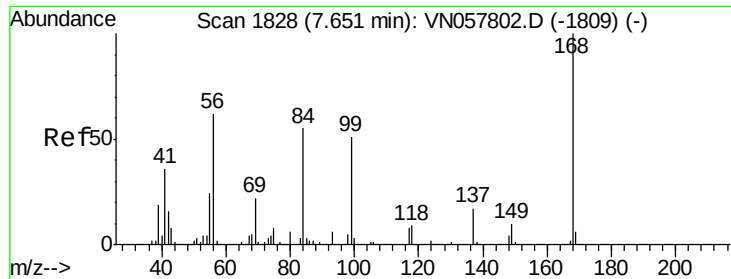
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	319488	45.503	ug/l	100
94) Hexachlorobutadiene	15.02	225	134338	45.136	ug/l	99
95) Naphthalene	15.13	128	918266	51.863	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	304589	49.698	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057952.D

Acq: 12 Sep 2019 2:03

Instrument :

MSVOA_N

ClientSampleId :

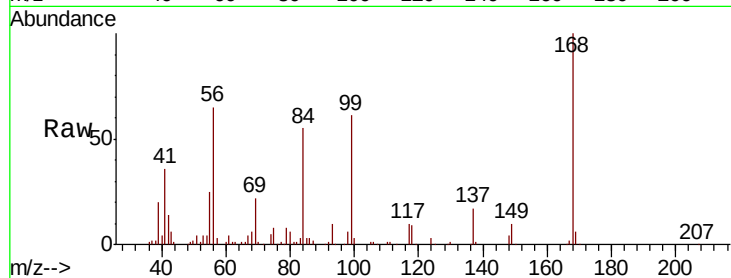
VSTDCCC050EC

Tgt Ion:168 Resp: 316887

Ion Ratio Lower Upper

168 100

99 60.1 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

150000

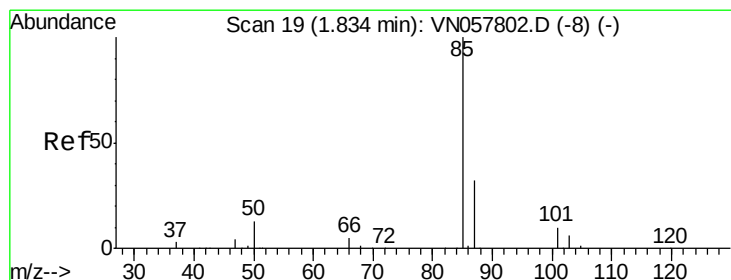
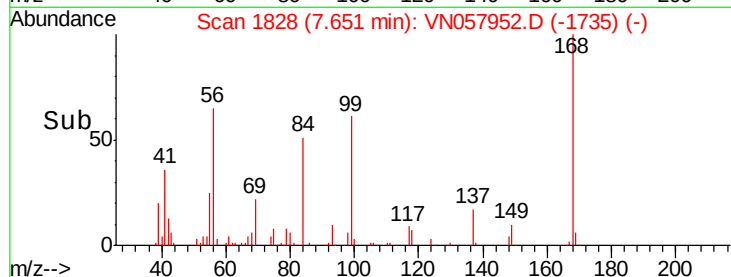
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 48.957 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN057952.D

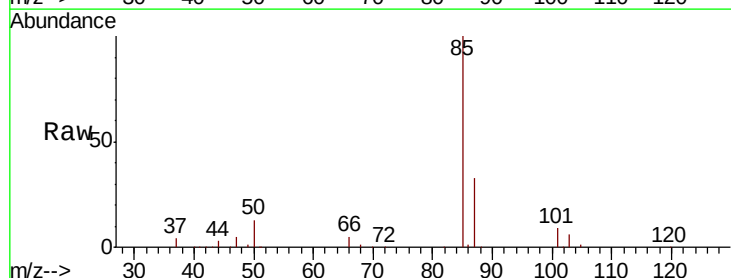
Acq: 12 Sep 2019 2:03

Tgt Ion: 85 Resp: 214549

Ion Ratio Lower Upper

85 100

87 32.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

150000

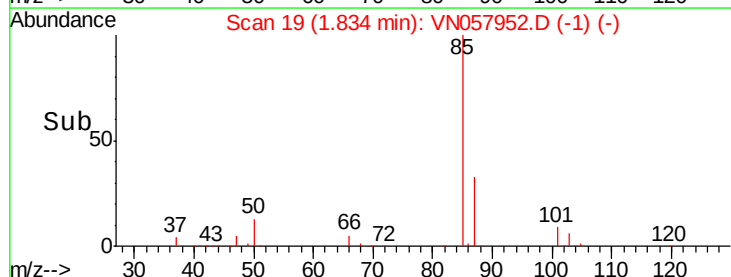
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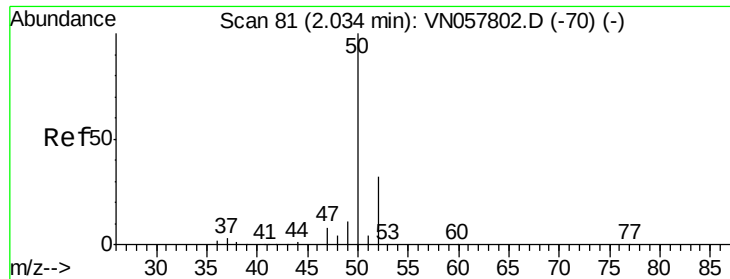
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0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 43.350 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN057952.D

Acq: 12 Sep 2019 2:03

Instrument :

MSVOA_N

ClientSampleId :

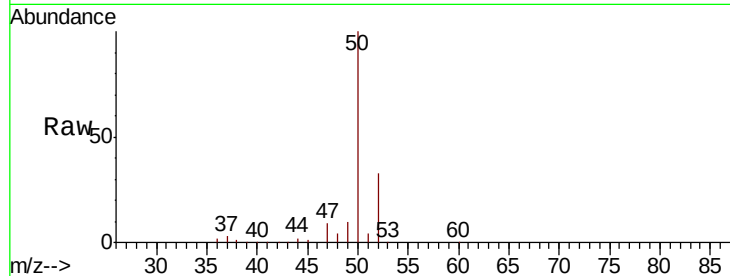
VSTDCCC050EC

Tgt Ion: 50 Resp: 193626

Ion Ratio Lower Upper

50 100

52 32.6 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VN057802.D (-70) (-)

Ion 51.90 (51.60 to 52.60): VN057802.D (-70) (-)

2.03

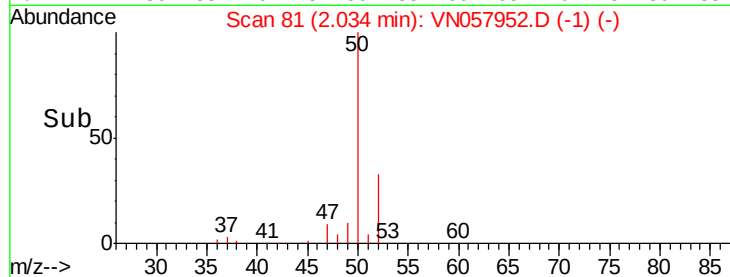
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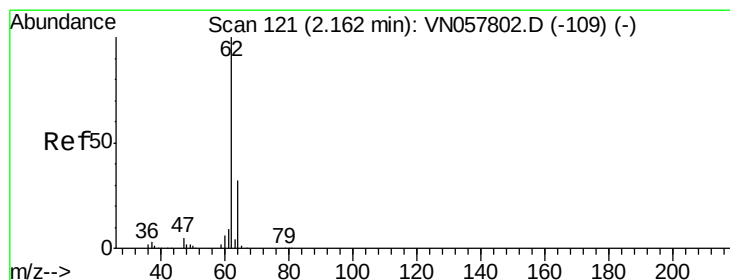
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Time-->



Time-->



#4

Vinyl Chloride

Concen: 44.514 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN057952.D

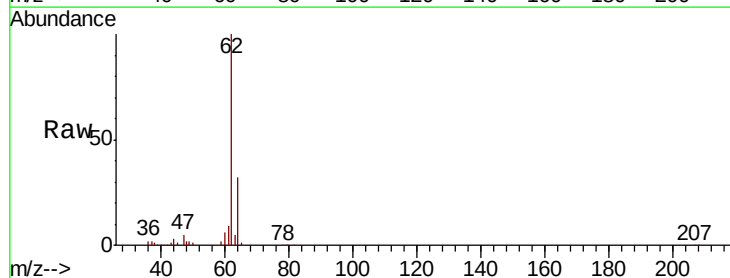
Acq: 12 Sep 2019 2:03

Tgt Ion: 62 Resp: 210431

Ion Ratio Lower Upper

62 100

64 32.5 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN057802.D (-109) (-)

Ion 63.90 (63.60 to 64.60): VN057802.D (-109) (-)

2.16

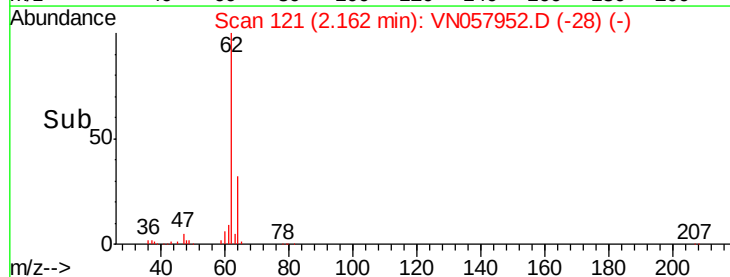
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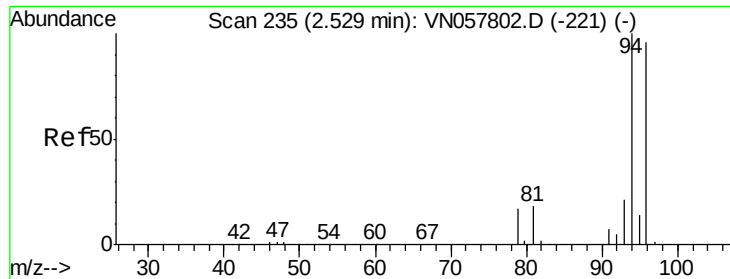
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Time-->



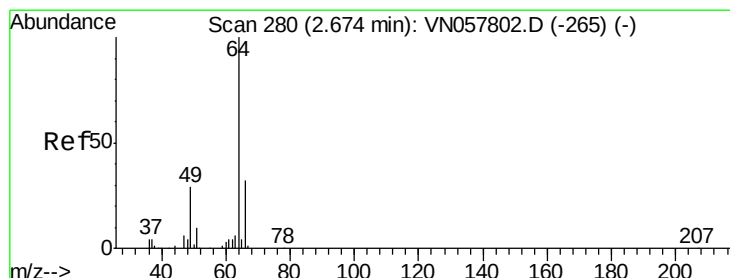
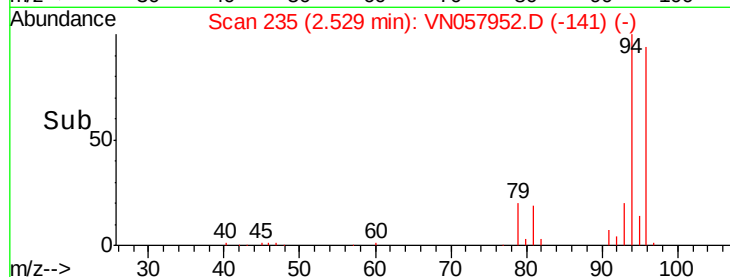
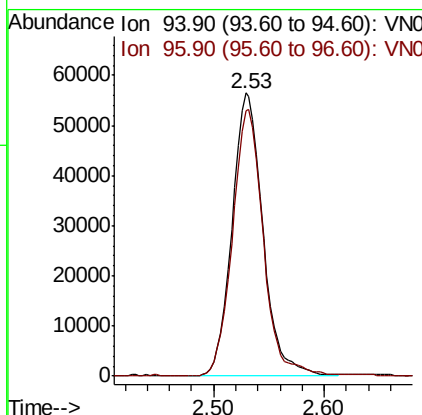
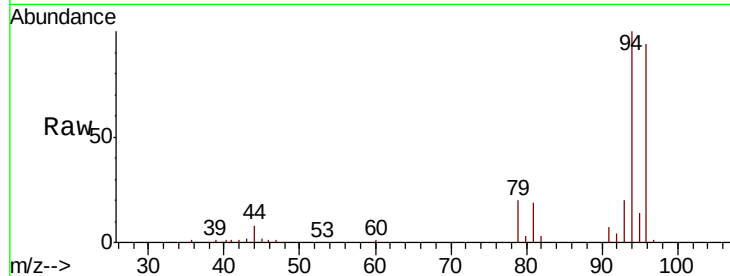
Time-->



#5
Bromomethane
Concen: 41.990 ug/l
RT: 2.53 min Scan# 235
Delta R.T. 0.00 min
Lab File: VN057952.D
Acq: 12 Sep 2019 2:03

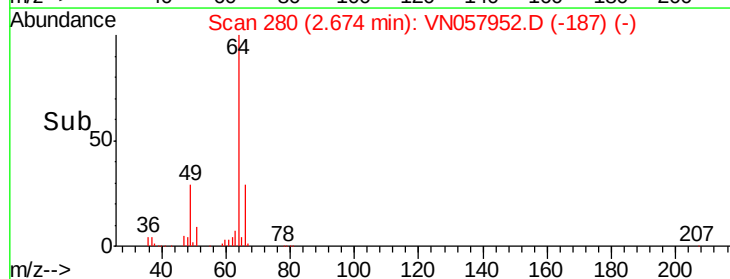
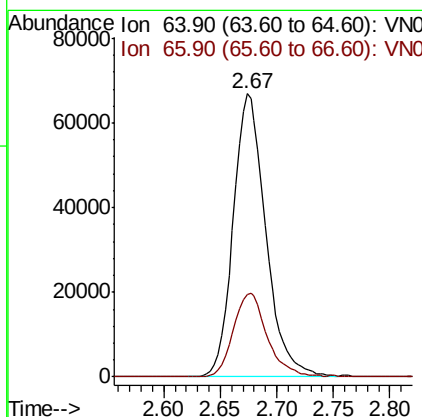
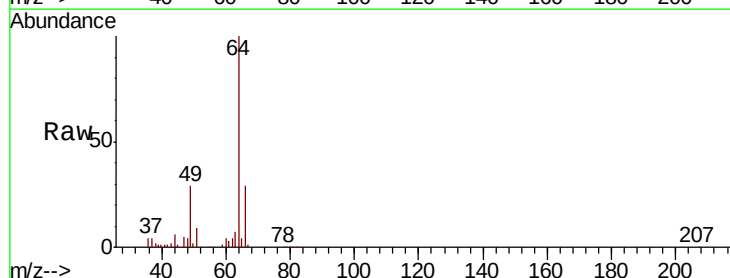
Instrument :
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ClientSampleId :
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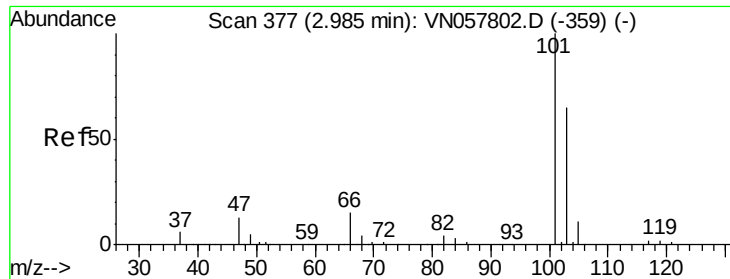
Tgt Ion: 94 Resp: 109714
Ion Ratio Lower Upper
94 100
96 93.9 77.0 115.4



#6
Chloroethane
Concen: 44.534 ug/l
RT: 2.67 min Scan# 280
Delta R.T. 0.00 min
Lab File: VN057952.D
Acq: 12 Sep 2019 2:03

Tgt Ion: 64 Resp: 134151
Ion Ratio Lower Upper
64 100
66 29.1 25.5 38.3



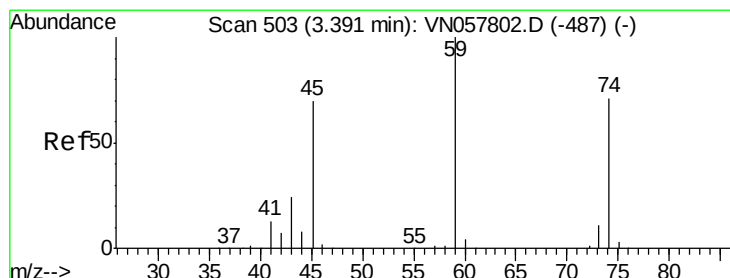
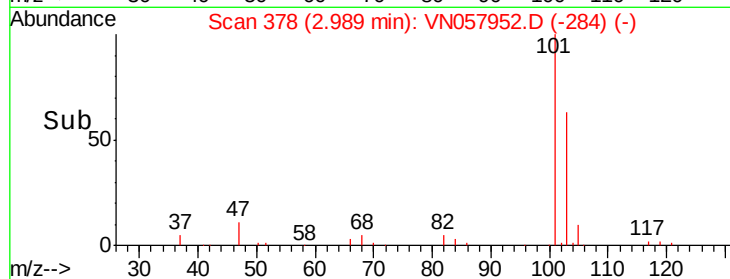
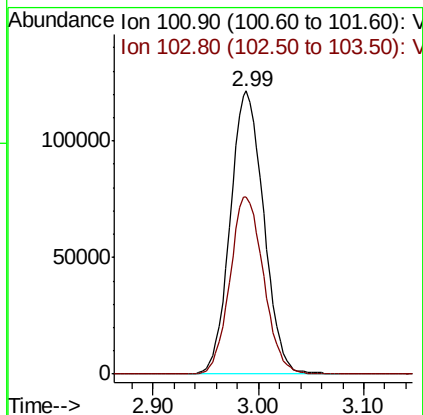
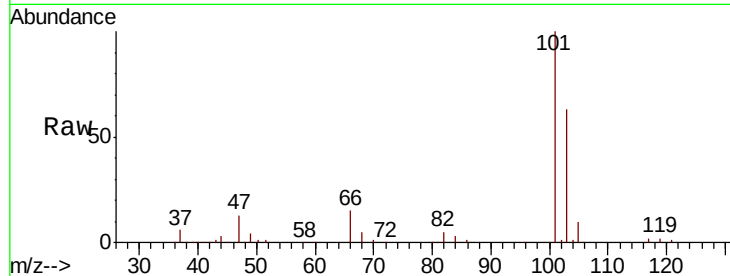


#7

Trichlorofluoromethane
 Concen: 44.949 ug/l
 RT: 2.99 min Scan# 378
 Delta R.T. 0.00 min
 Lab File: VN057952.D
 Acq: 12 Sep 2019 2:03

Instrument :
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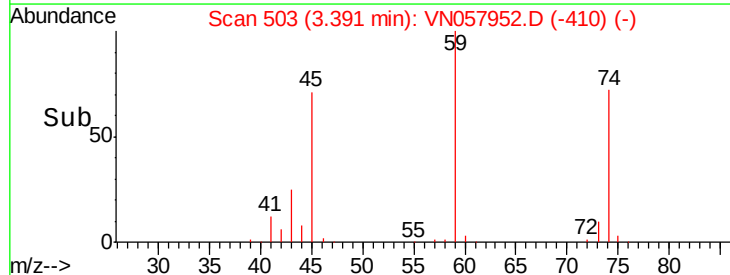
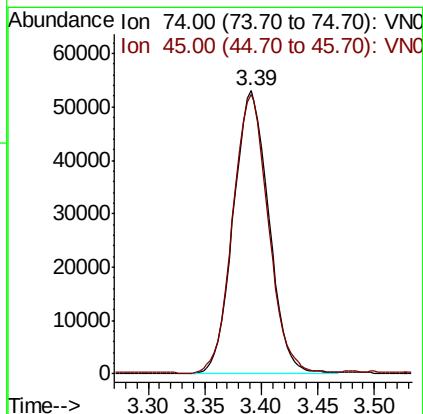
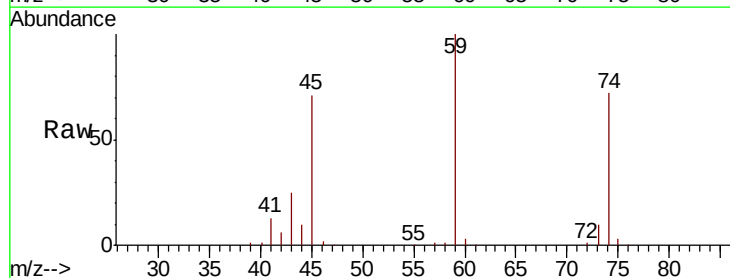
Tgt Ion: 101 Resp: 267404
 Ion Ratio Lower Upper
 101 100
 103 62.7 51.9 77.9

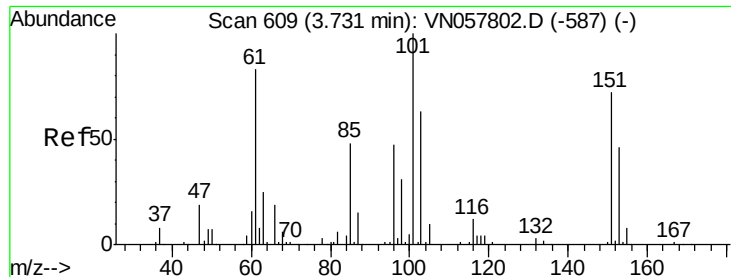


#8

Diethyl Ether
 Concen: 46.698 ug/l
 RT: 3.39 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: VN057952.D
 Acq: 12 Sep 2019 2:03

Tgt Ion: 74 Resp: 115871
 Ion Ratio Lower Upper
 74 100
 45 98.6 50.3 151.0

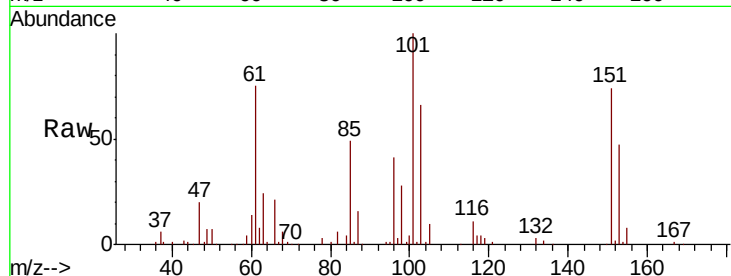




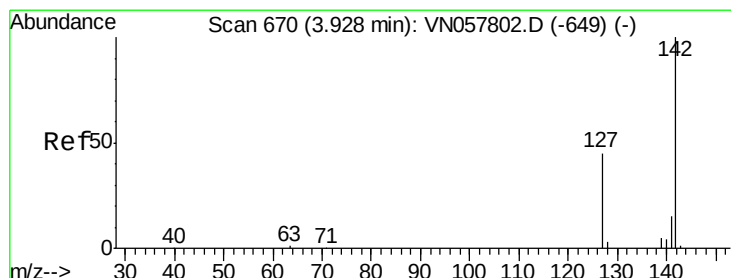
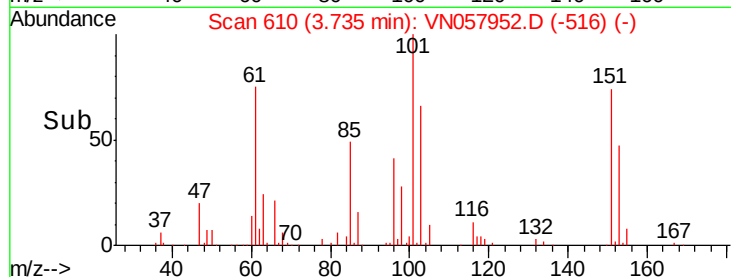
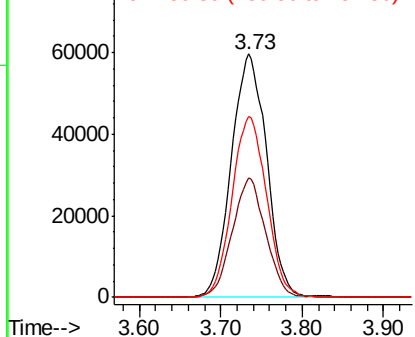
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.737 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN057952.D
 Acq: 12 Sep 2019 2:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:101 Resp: 179152
 Ion Ratio Lower Upper
 101 100
 85 46.5 38.1 57.1
 151 72.8 58.4 87.6

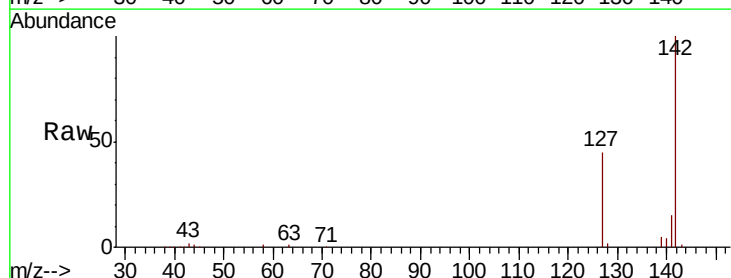


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

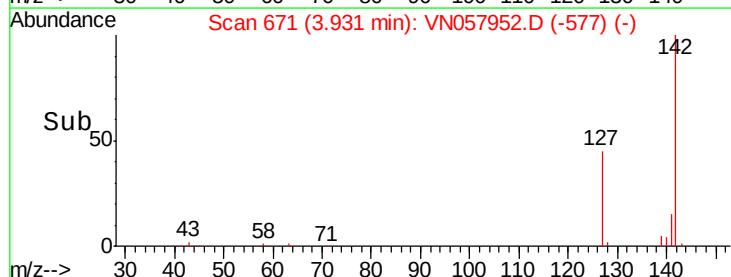
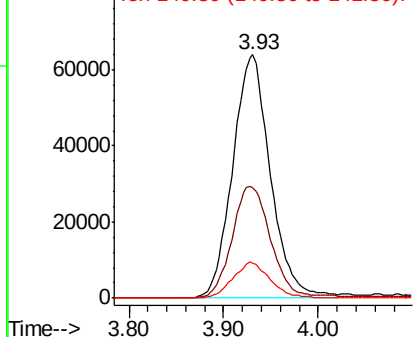


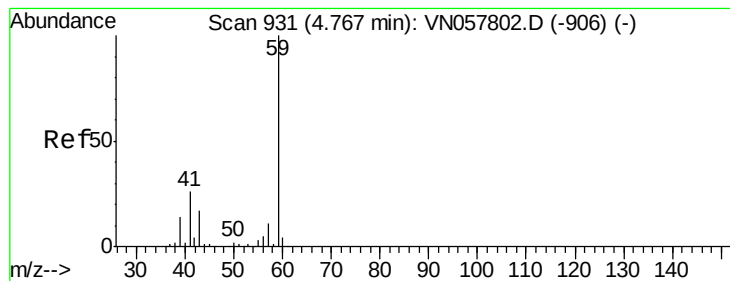
#10
 Methyl Iodide
 Concen: 42.460 ug/l
 RT: 3.93 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: VN057952.D
 Acq: 12 Sep 2019 2:03

Tgt Ion:142 Resp: 177323
 Ion Ratio Lower Upper
 142 100
 127 47.0 36.7 55.1
 141 14.5 11.4 17.0



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



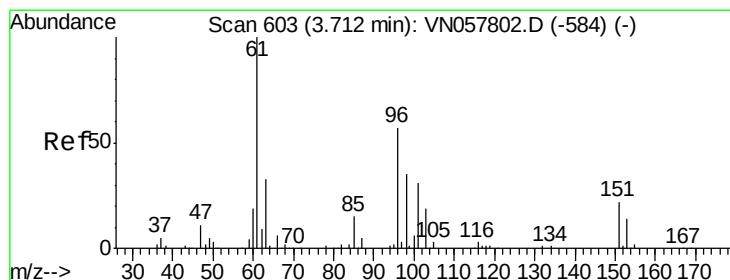
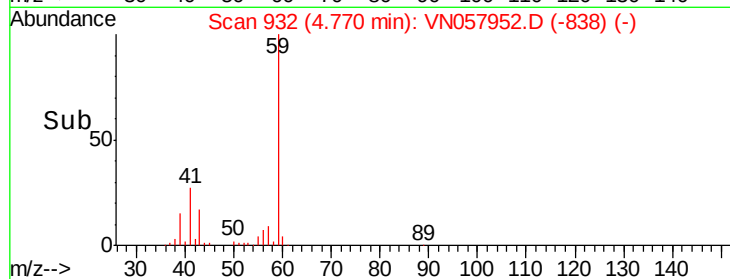
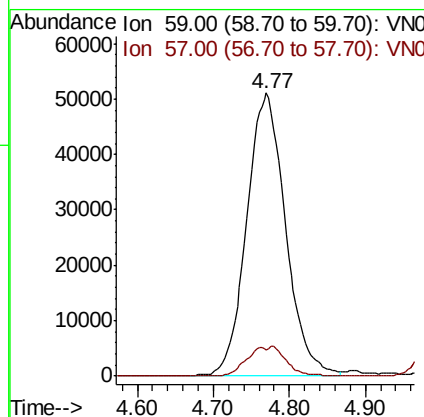
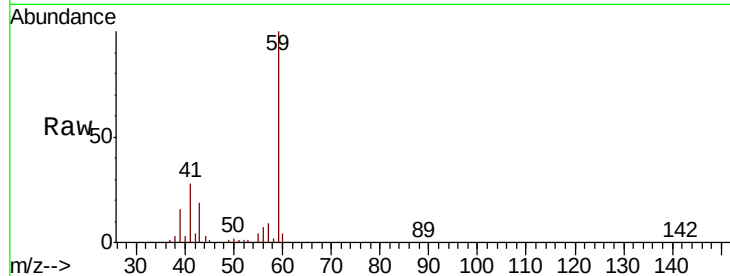


#11

Tert butyl alcohol
 Concen: 233.999 ug/l
 RT: 4.77 min Scan# 932
 Delta R.T. 0.00 min
 Lab File: VN057952.D
 Acq: 12 Sep 2019 2:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

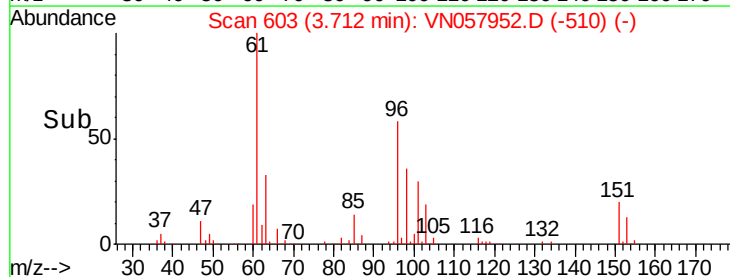
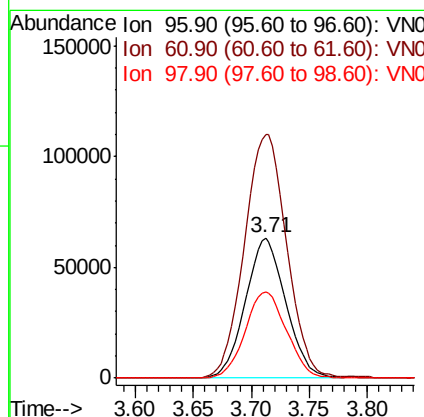
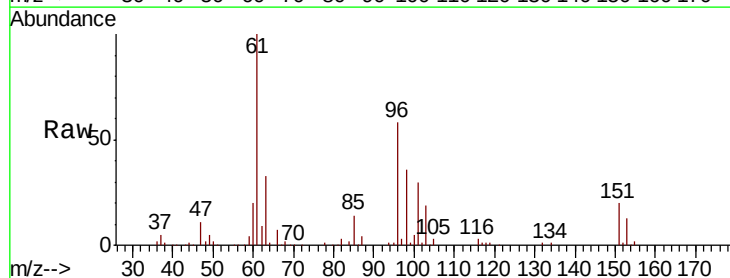
Tgt Ion: 59 Resp: 181775
 Ion Ratio Lower Upper
 59 100
 57 5.5 8.4 12.6#

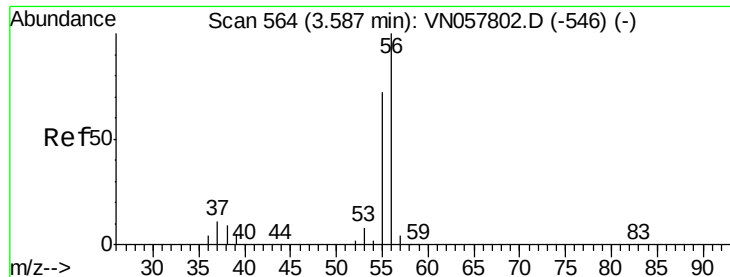


#12

1,1-Dichloroethene
 Concen: 45.513 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: VN057952.D
 Acq: 12 Sep 2019 2:03

Tgt Ion: 96 Resp: 153574
 Ion Ratio Lower Upper
 96 100
 61 173.7 141.2 211.8
 98 61.8 49.9 74.9





#13

Acrolein

Concen: 213.588 ug/l

RT: 3.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VN057952.D

Acq: 12 Sep 2019 2:03

Instrument :

MSVOA_N

ClientSampleId :

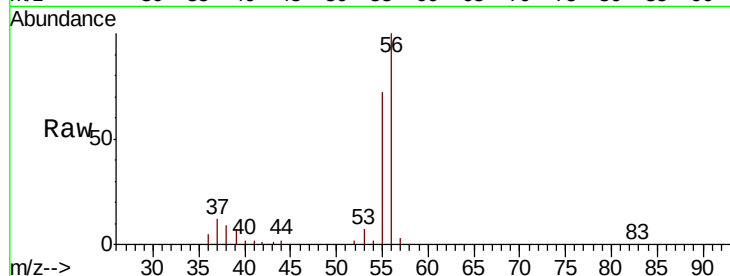
VSTDCCC050EC

Tgt Ion: 56 Resp: 140765

Ion Ratio Lower Upper

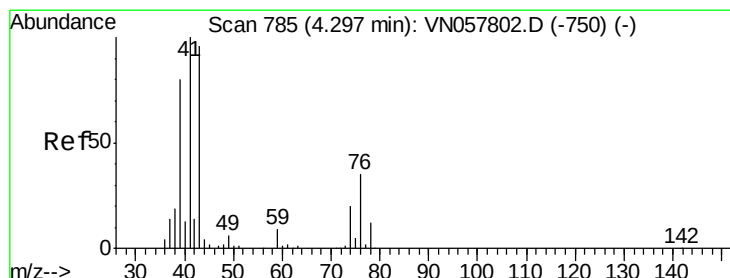
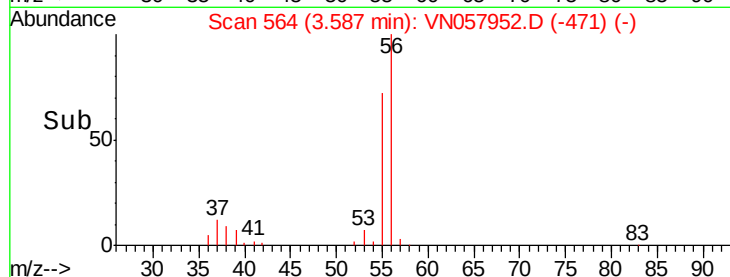
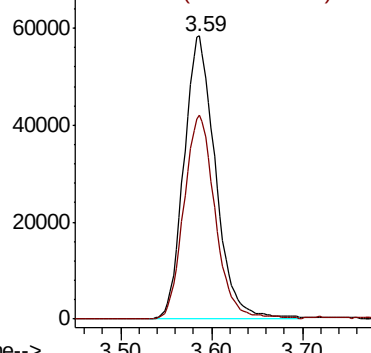
56 100

55 71.1 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 44.352 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN057952.D

Acq: 12 Sep 2019 2:03

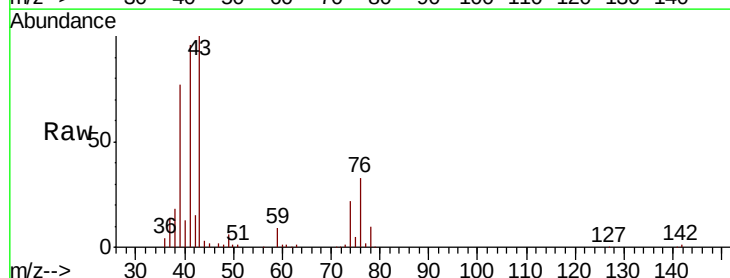
Tgt Ion: 41 Resp: 292875

Ion Ratio Lower Upper

41 100

39 74.6 59.4 89.2

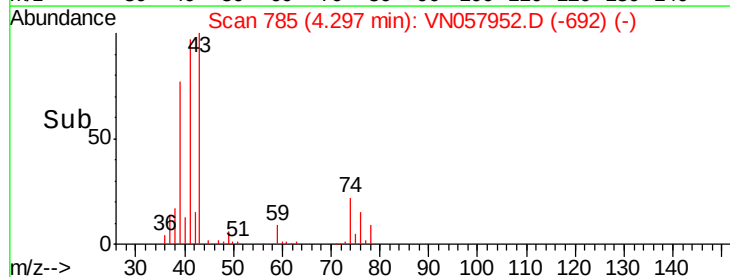
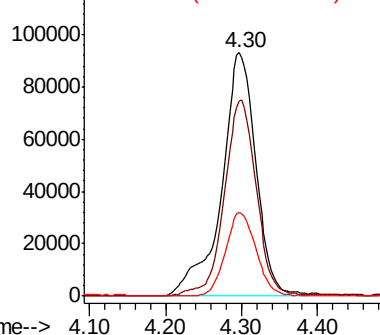
76 30.5 26.0 39.0

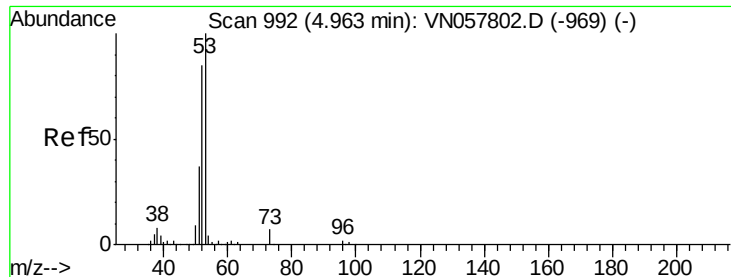


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 245.083 ug/l

RT: 4.96 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN057952.D

Acq: 12 Sep 2019 2:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

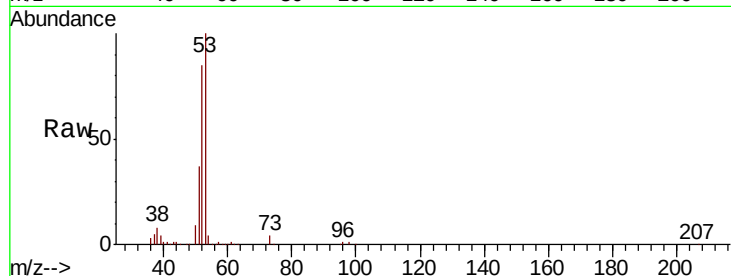
Tgt Ion: 53 Resp: 523291

Ion Ratio Lower Upper

53 100

52 82.9 66.6 100.0

51 38.2 29.8 44.8

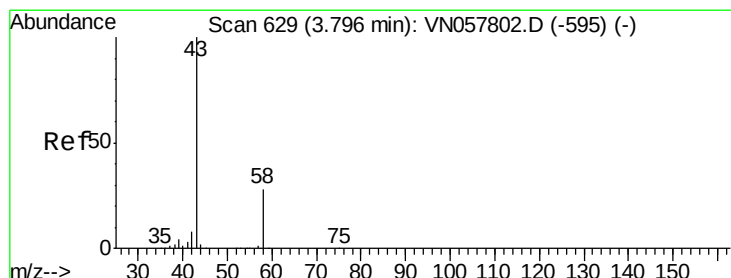
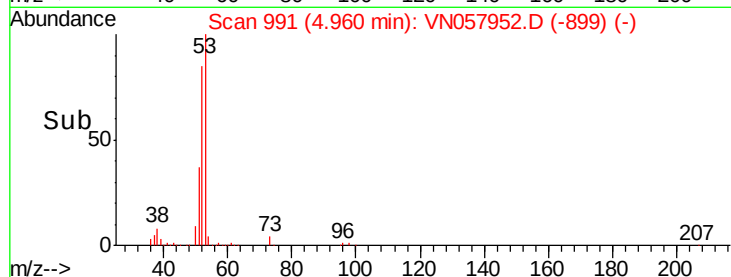
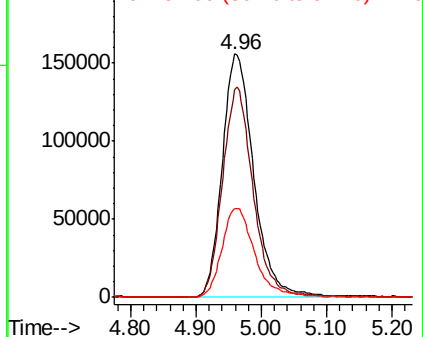


Abundance

Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 208.697 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN057952.D

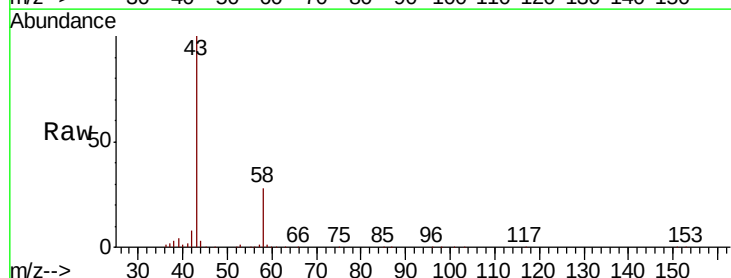
Acq: 12 Sep 2019 2:03

Tgt Ion: 43 Resp: 439106

Ion Ratio Lower Upper

43 100

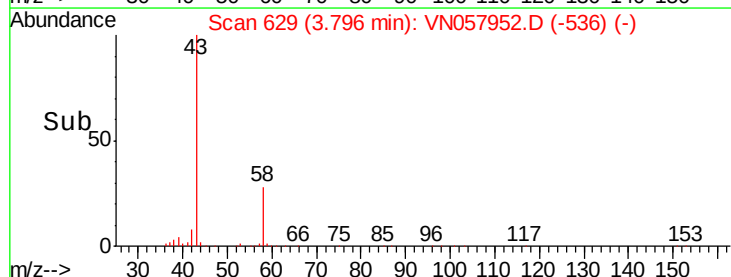
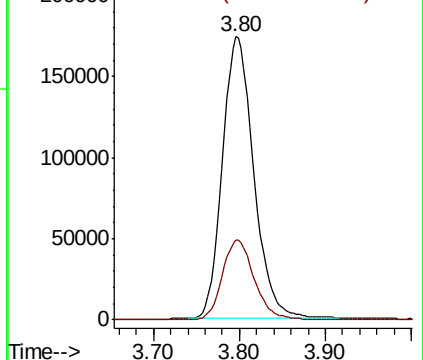
58 28.1 22.2 33.2

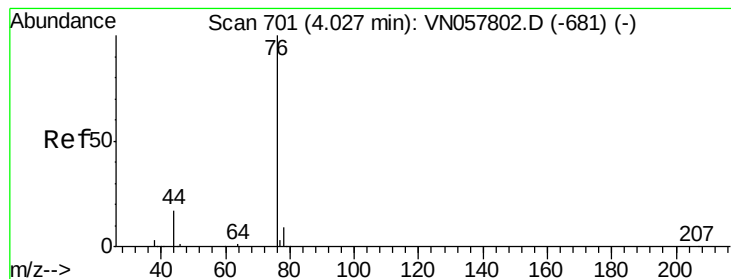


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 42.906 ug/l

RT: 4.03 min Scan# 701

Delta R.T. 0.00 min

Lab File: VN057952.D

Acq: 12 Sep 2019 2:03

Instrument :

MSVOA_N

ClientSampleId :

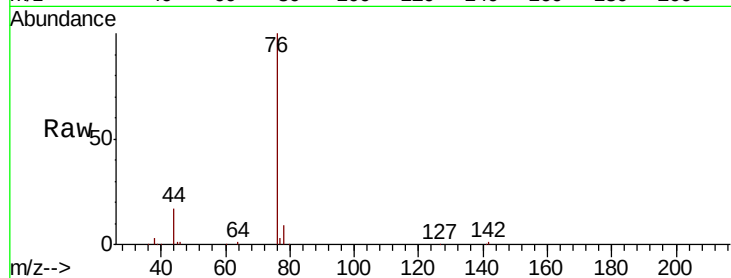
VSTDCCC050EC

Tgt Ion: 76 Resp: 225210

Ion Ratio Lower Upper

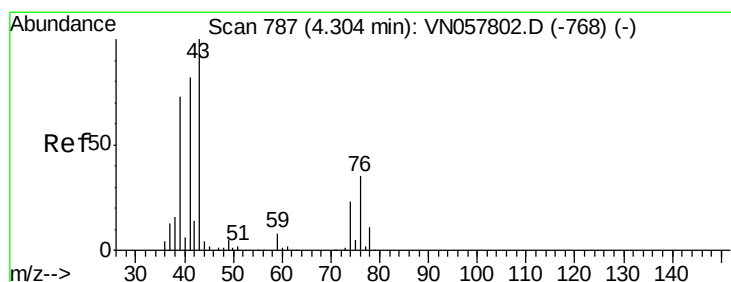
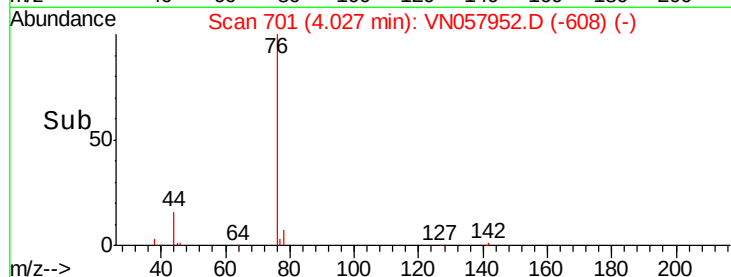
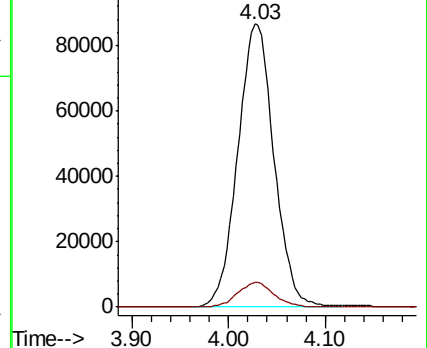
76 100

78 8.8 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 51.106 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.00 min

Lab File: VN057952.D

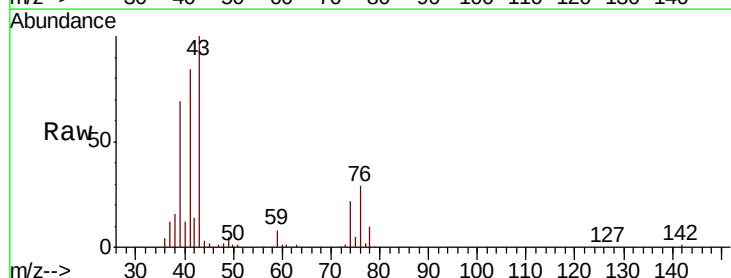
Acq: 12 Sep 2019 2:03

Tgt Ion: 43 Resp: 286703

Ion Ratio Lower Upper

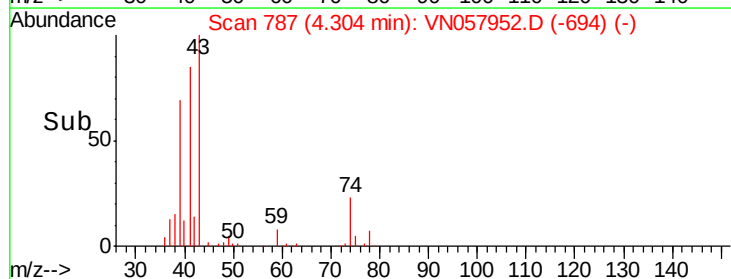
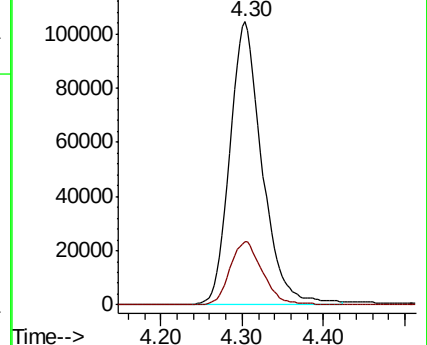
43 100

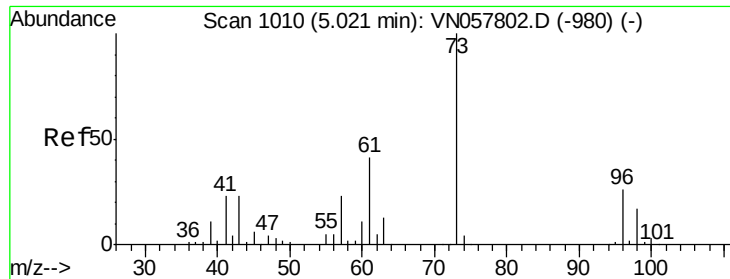
74 22.9 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

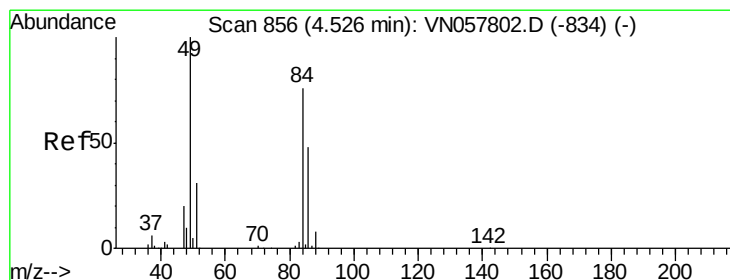
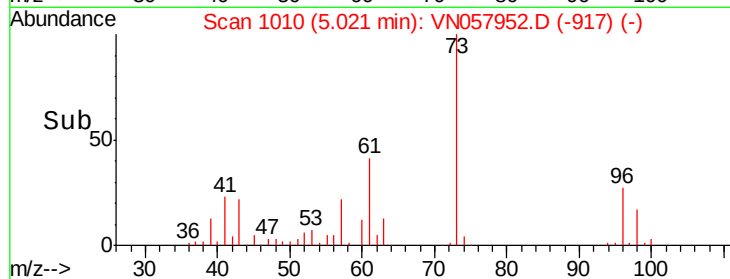
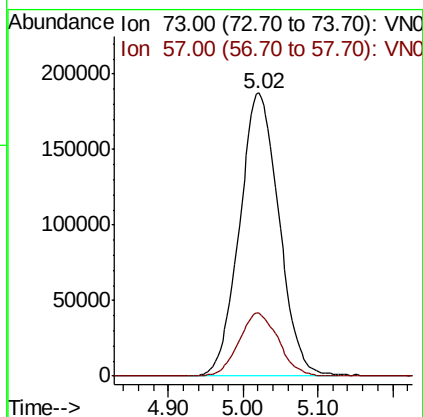
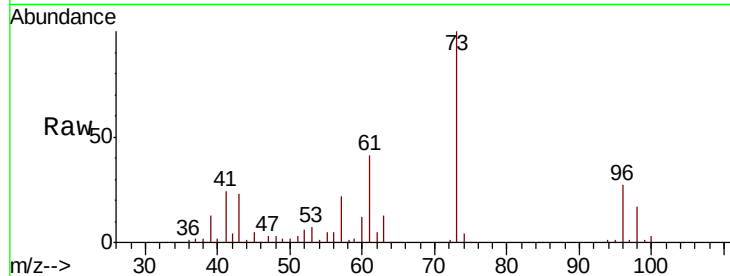




#19
Methyl tert-butyl Ether
Concen: 48.970 ug/l
RT: 5.02 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN057952.D
Acq: 12 Sep 2019 2:03

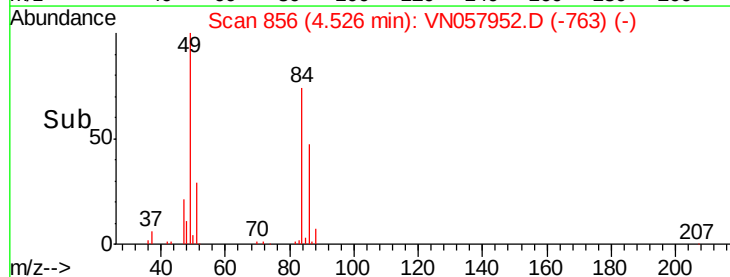
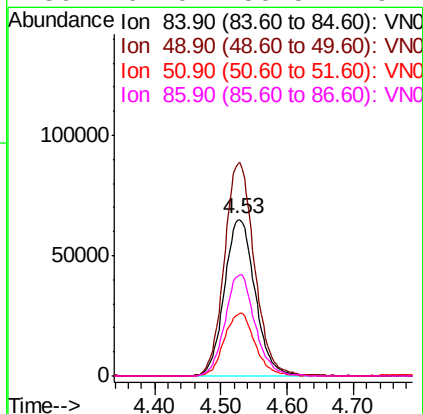
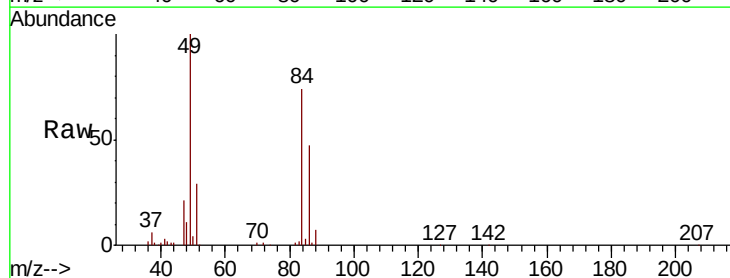
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

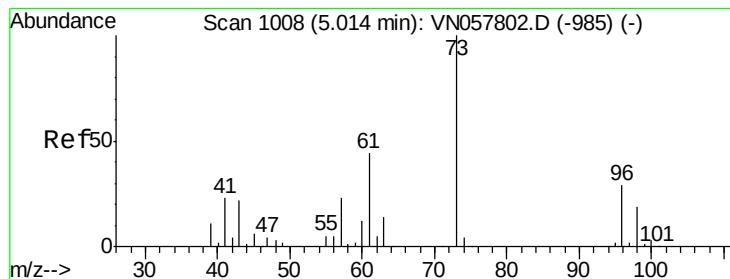
Tgt Ion: 73 Resp: 687666
Ion Ratio Lower Upper
73 100
57 22.4 18.2 27.2



#20
Methylene Chloride
Concen: 52.384 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN057952.D
Acq: 12 Sep 2019 2:03

Tgt Ion: 84 Resp: 209590
Ion Ratio Lower Upper
84 100
49 135.8 104.8 157.2
51 39.4 33.0 49.4
86 64.0 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 46.146 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN057952.D

Acq: 12 Sep 2019 2:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

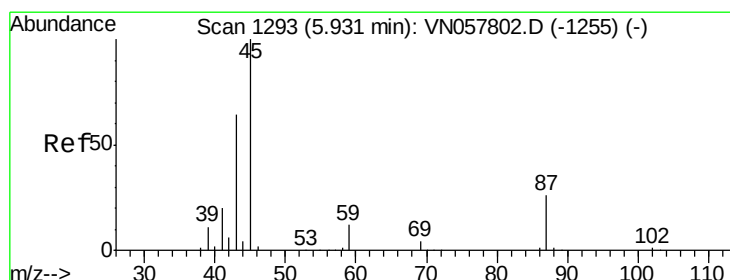
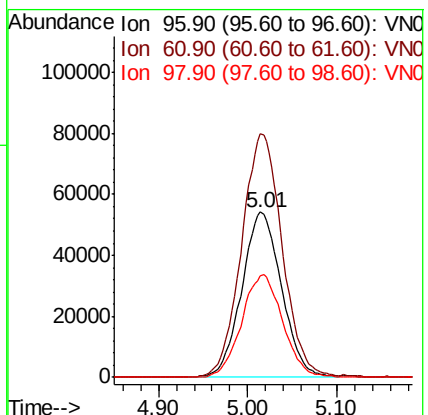
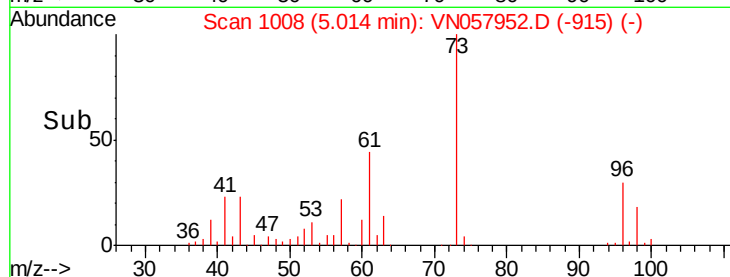
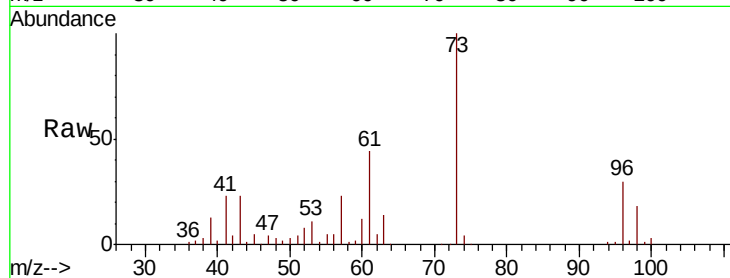
Tgt Ion: 96 Resp: 168324

Ion Ratio Lower Upper

96 100

61 147.3 121.9 182.9

98 61.1 52.2 78.4



#22

Diisopropyl ether

Concen: 50.395 ug/l

RT: 5.93 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VN057952.D

Acq: 12 Sep 2019 2:03

Tgt Ion: 45 Resp: 780405

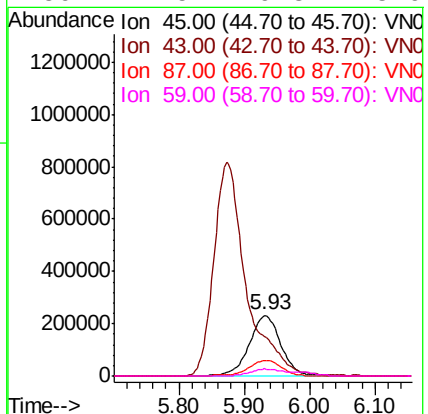
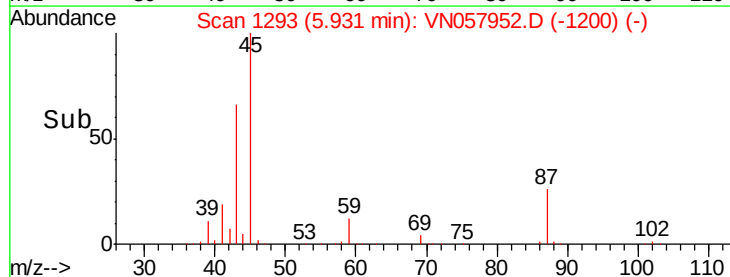
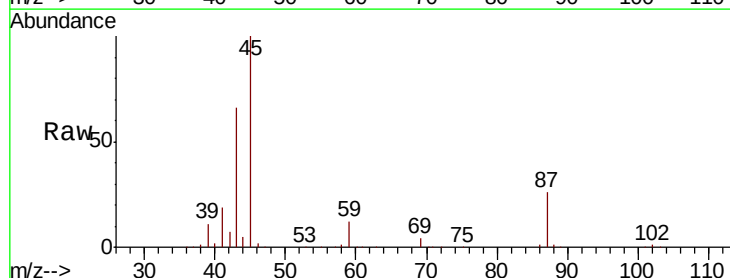
Ion Ratio Lower Upper

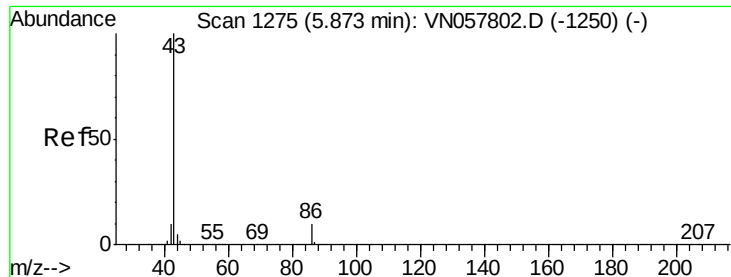
45 100

43 64.3 51.4 77.2

87 25.8 21.3 31.9

59 11.5 9.3 13.9

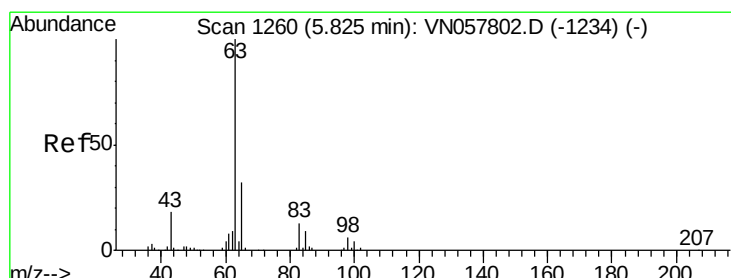
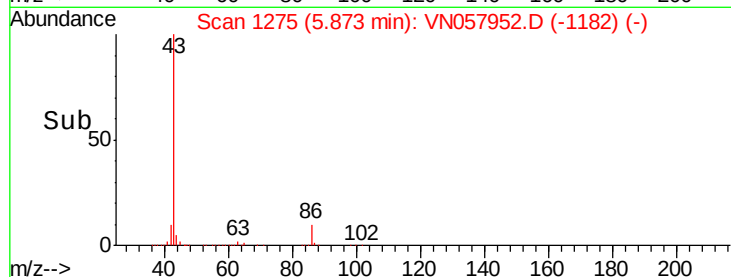
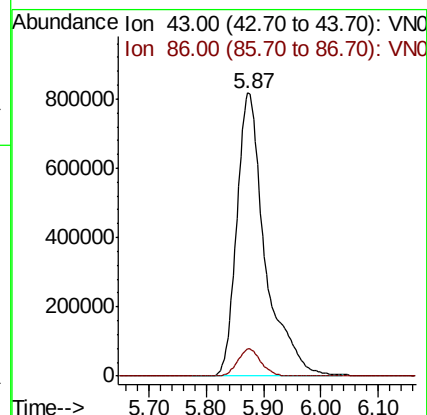
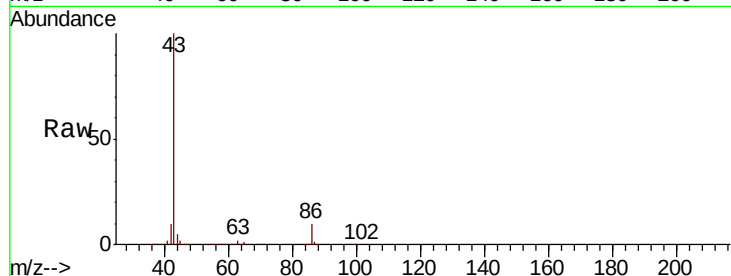




#23
 Vinyl Acetate
 Concen: 256.639 ug/l
 RT: 5.87 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: VN057952.D
 Acq: 12 Sep 2019 2:03

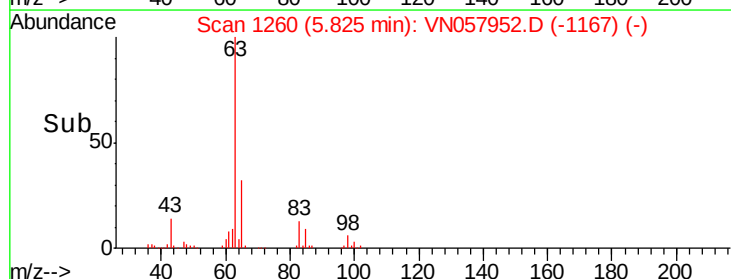
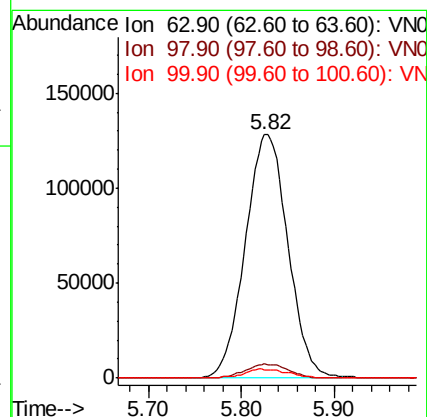
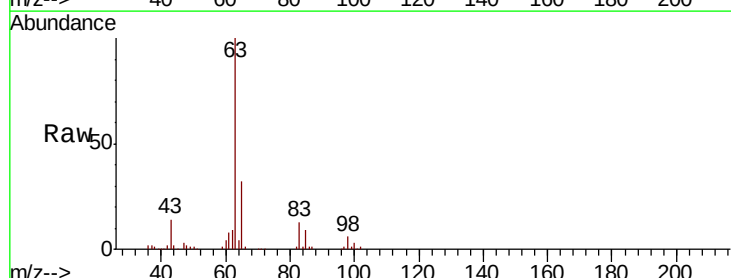
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

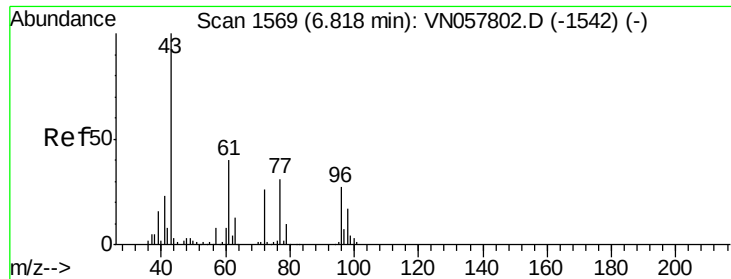
Tgt Ion: 43 Resp: 2816565
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 48.308 ug/l
 RT: 5.82 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VN057952.D
 Acq: 12 Sep 2019 2:03

Tgt Ion: 63 Resp: 408853
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.0 9.2
 100 3.5 2.0 5.8

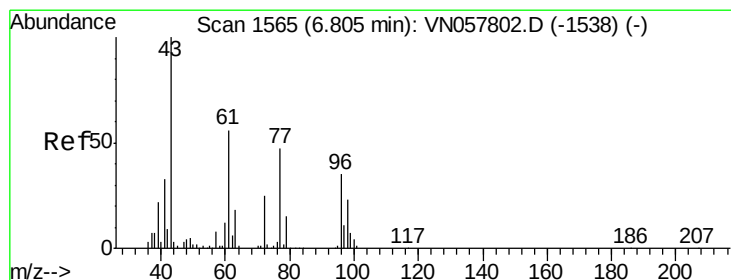
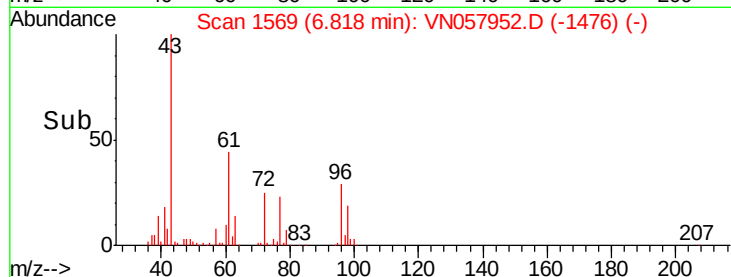
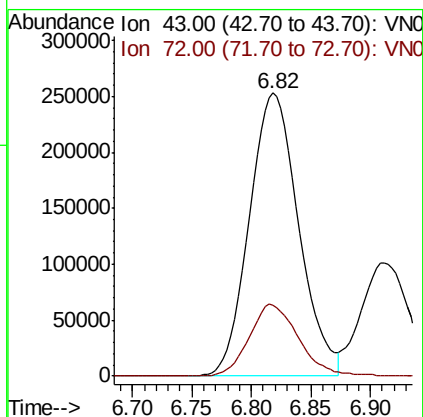
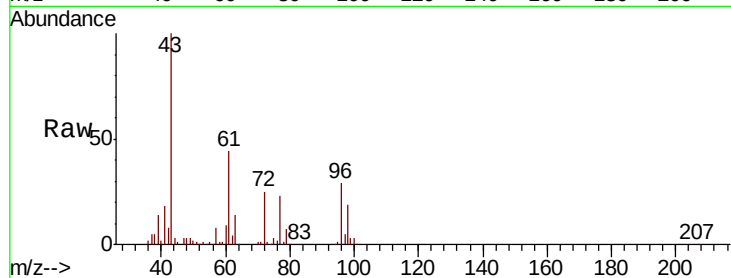




#25
 2-Butanone
 Concen: 237.920 ug/l
 RT: 6.82 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VN057952.D
 Acq: 12 Sep 2019 2:03

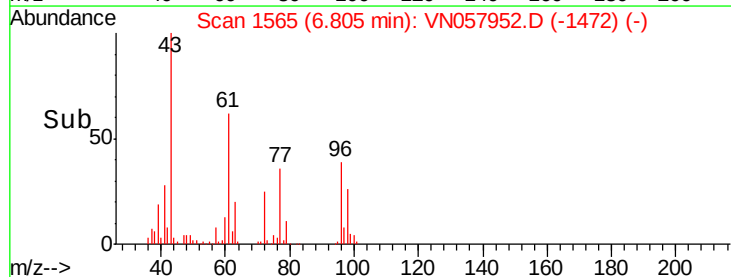
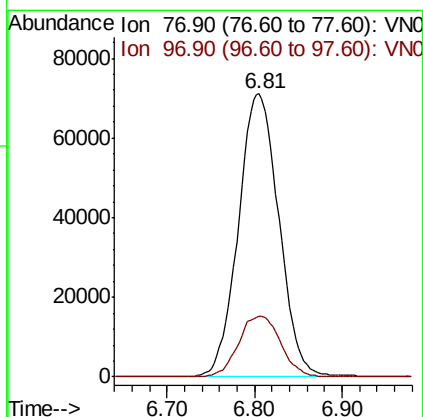
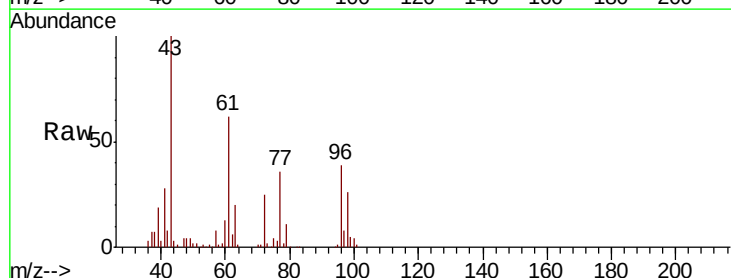
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

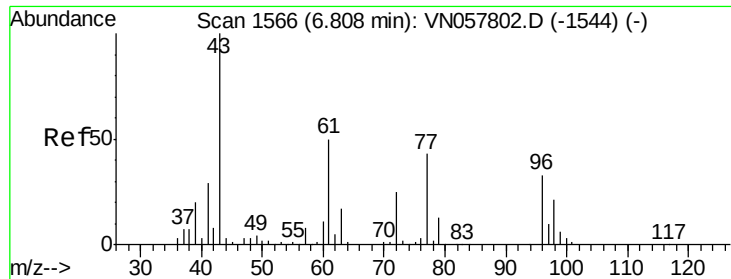
Tgt Ion: 43 Resp: 724532
 Ion Ratio Lower Upper
 43 100
 72 25.2 20.6 30.8



#26
 2,2-Dichloropropane
 Concen: 34.066 ug/l
 RT: 6.81 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: VN057952.D
 Acq: 12 Sep 2019 2:03

Tgt Ion: 77 Resp: 228168
 Ion Ratio Lower Upper
 77 100
 97 22.3 11.1 33.3

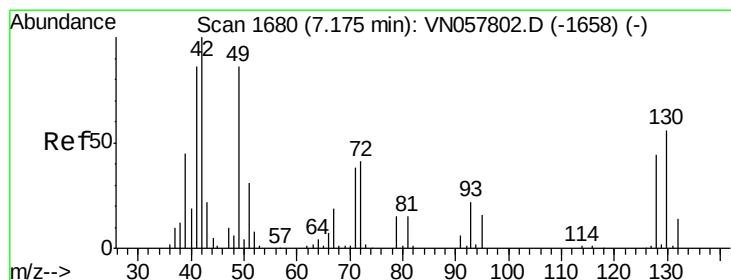
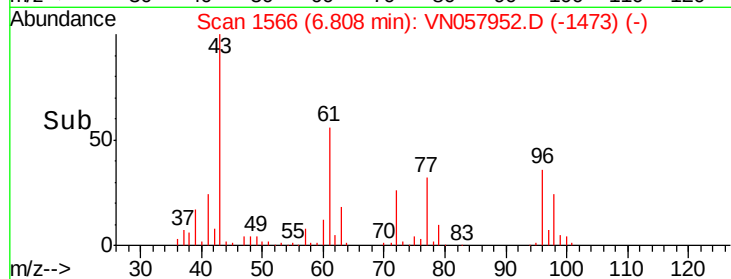
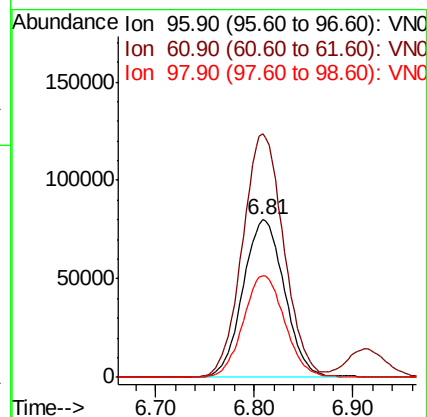
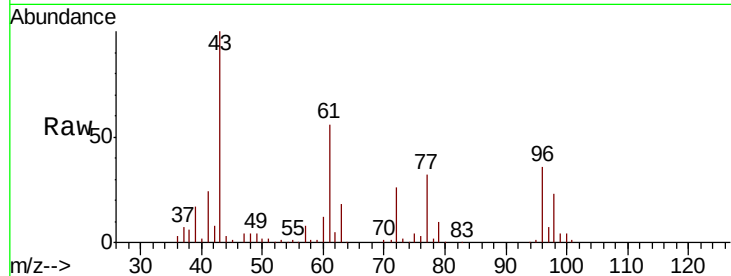




#27
 cis-1,2-Dichloroethene
 Concen: 47.709 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VN057952.D
 Acq: 12 Sep 2019 2:03

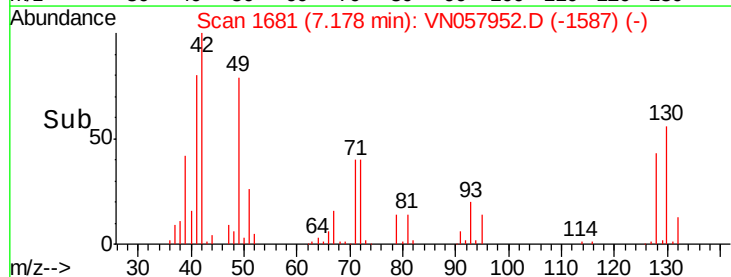
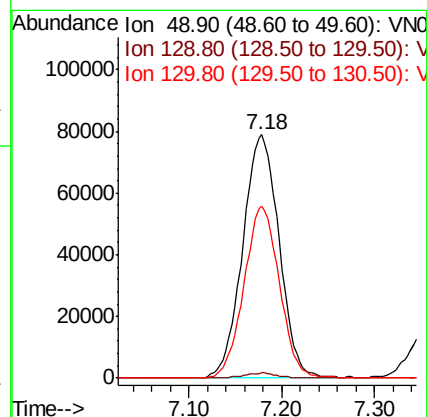
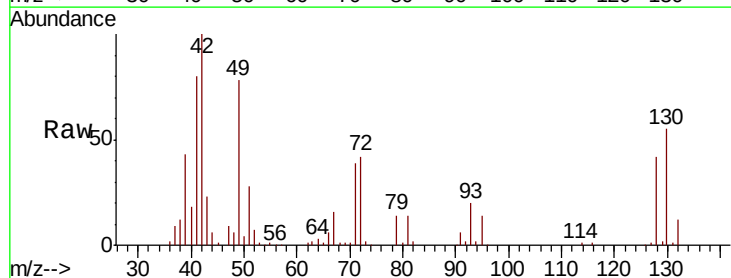
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

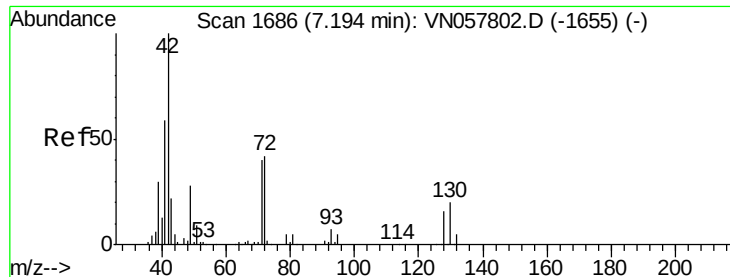
Tgt Ion: 96 Resp: 233216
 Ion Ratio Lower Upper
 96 100
 61 153.8 0.0 314.0
 98 64.5 0.0 128.6



#28
 Bromochloromethane
 Concen: 50.950 ug/l
 RT: 7.18 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VN057952.D
 Acq: 12 Sep 2019 2:03

Tgt Ion: 49 Resp: 215426
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 68.7 53.0 79.6





#29

Tetrahydrofuran

Concen: 246.759 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN057952.D

Acq: 12 Sep 2019 2:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

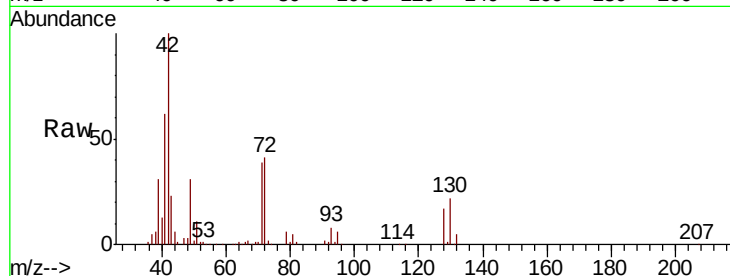
Tgt Ion: 42 Resp: 463046

Ion Ratio Lower Upper

42 100

72 41.9 33.7 50.5

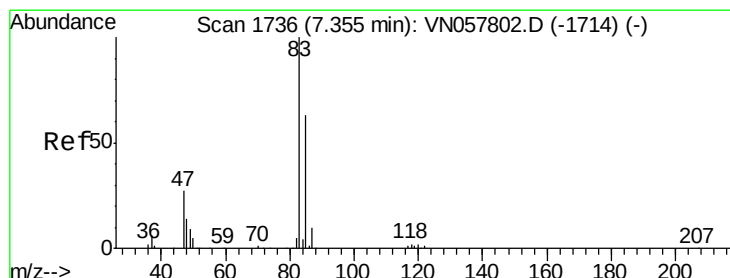
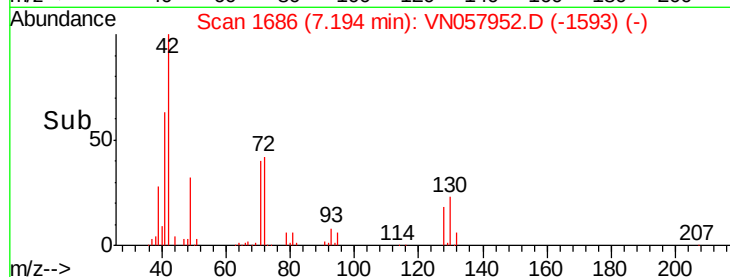
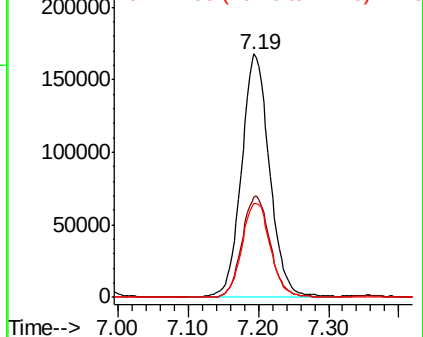
71 39.4 31.9 47.9



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 49.009 ug/l

RT: 7.36 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VN057952.D

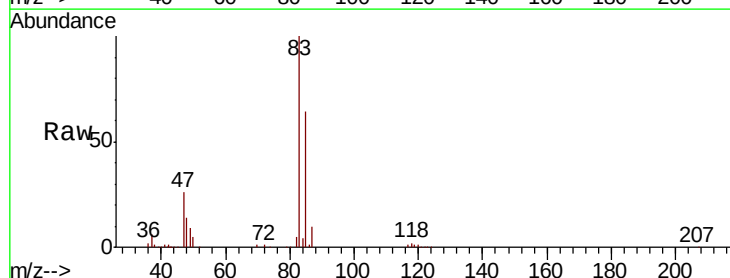
Acq: 12 Sep 2019 2:03

Tgt Ion: 83 Resp: 433695

Ion Ratio Lower Upper

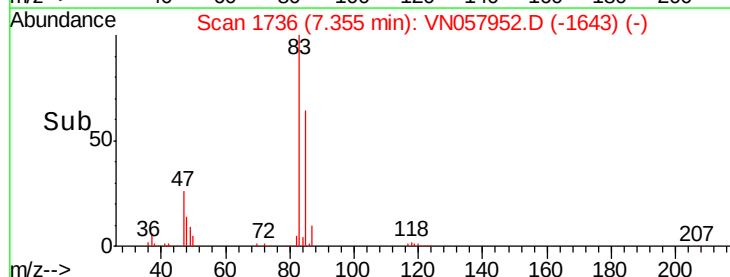
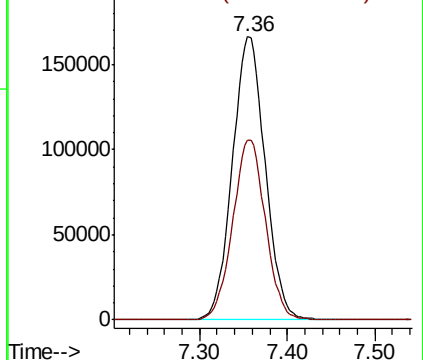
83 100

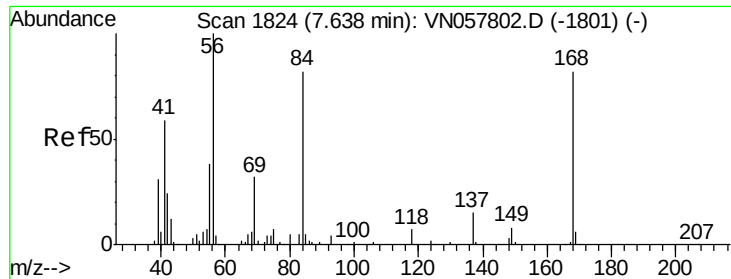
85 63.7 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

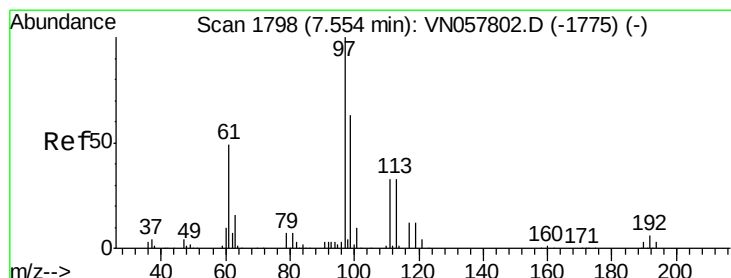
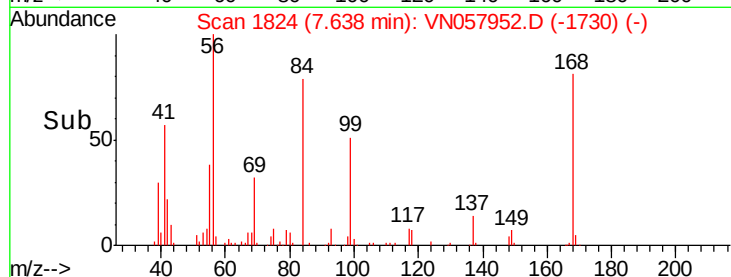
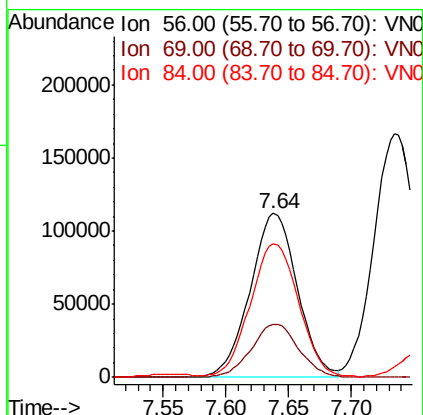
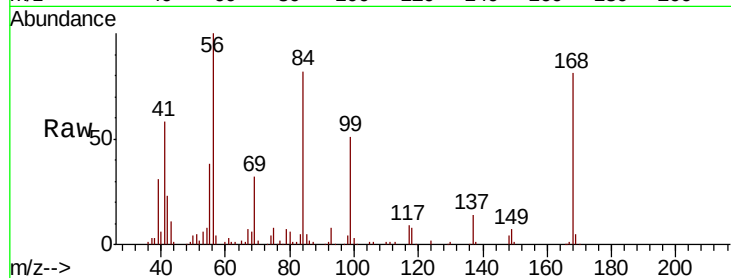




#31
Cyclohexane
Concen: 51.201 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.00 min
Lab File: VN057952.D
Acq: 12 Sep 2019 2:03

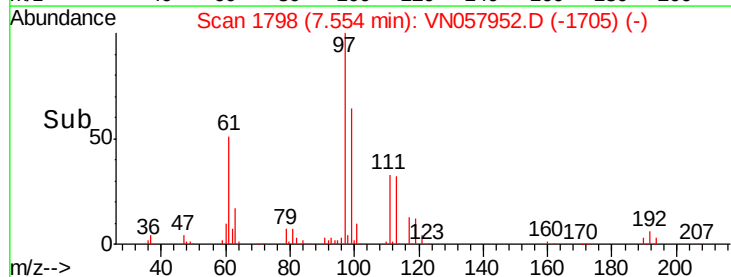
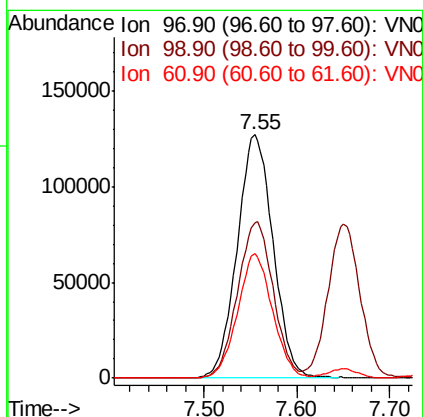
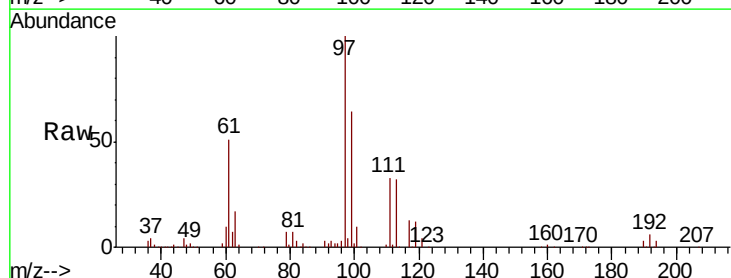
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

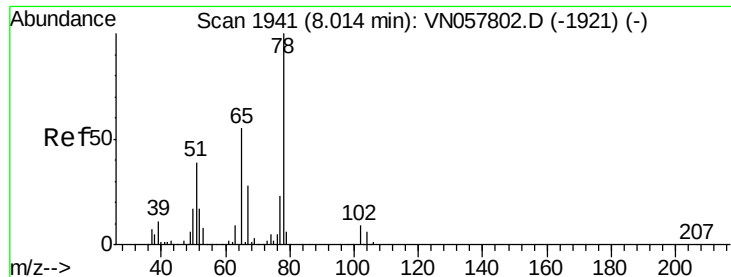
Tgt Ion: 56 Resp: 294991
Ion Ratio Lower Upper
56 100
69 32.1 25.9 38.9
84 79.9 65.6 98.4



#32
1,1,1-Trichloroethane
Concen: 48.724 ug/l
RT: 7.55 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VN057952.D
Acq: 12 Sep 2019 2:03

Tgt Ion: 97 Resp: 341959
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.4
61 49.7 39.0 58.6

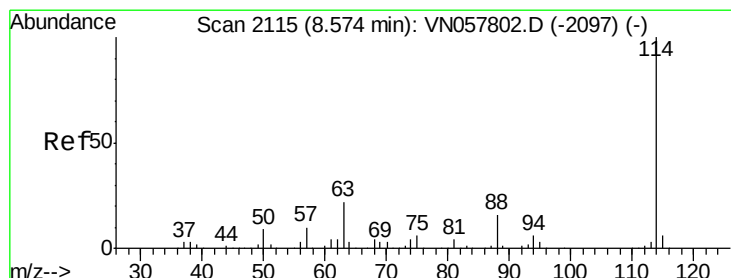
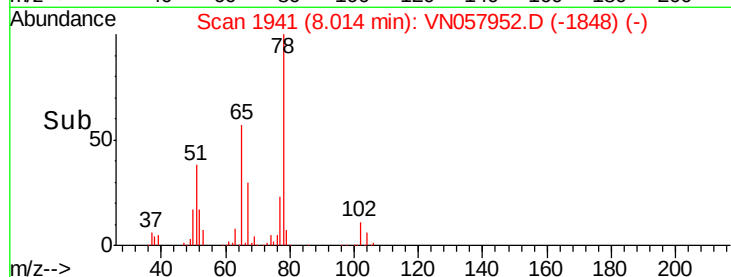
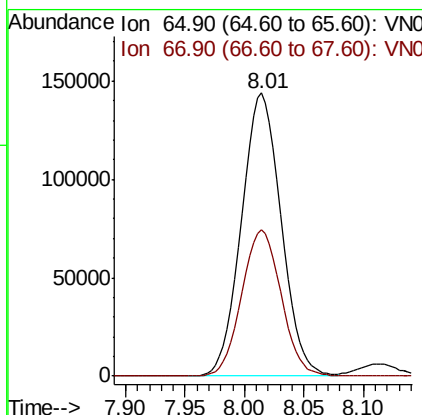
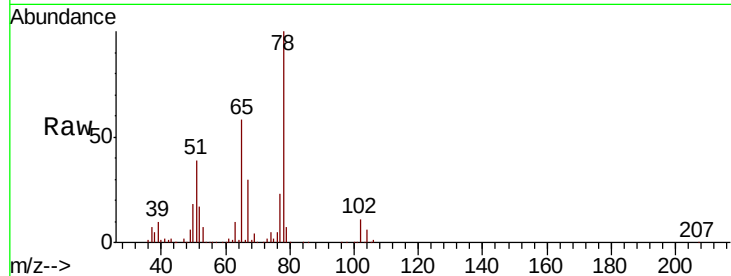




#33
 1,2-Dichloroethane-d4
 Concen: 51.899 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057952.D
 Acq: 12 Sep 2019 2:03

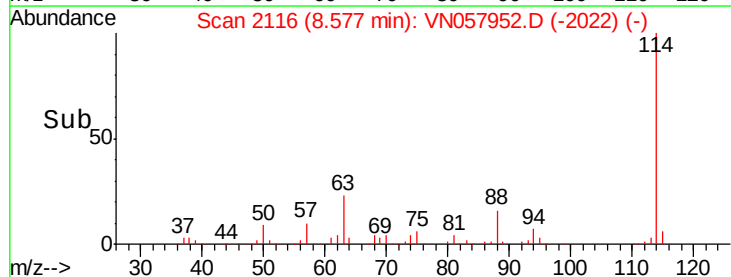
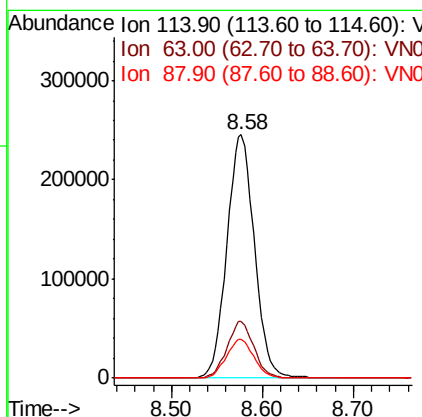
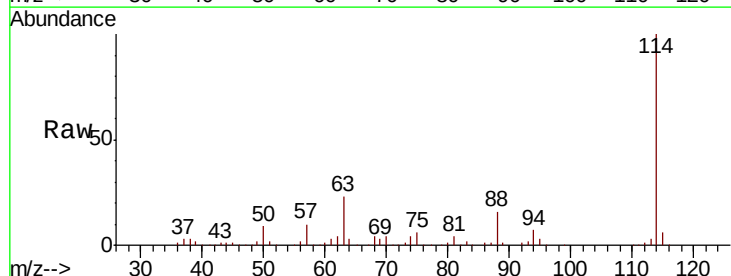
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

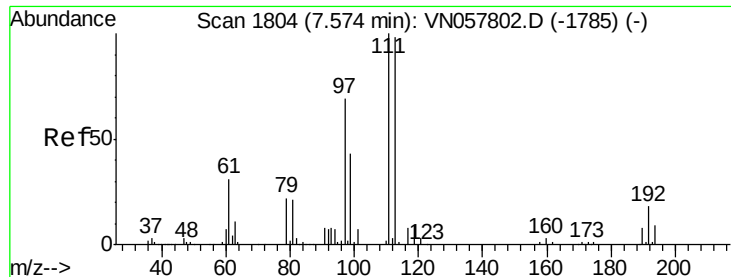
Tgt Ion: 65 Resp: 333103
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057952.D
 Acq: 12 Sep 2019 2:03

Tgt Ion: 114 Resp: 516703
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 44.0
 88 15.9 0.0 31.4

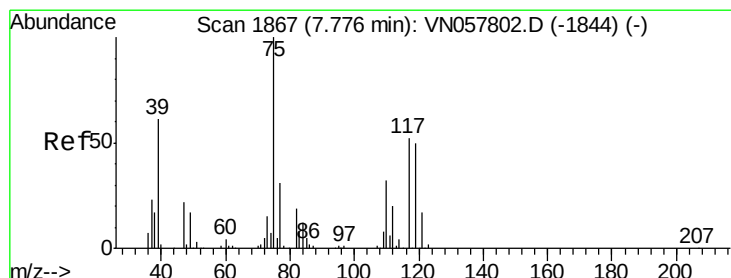
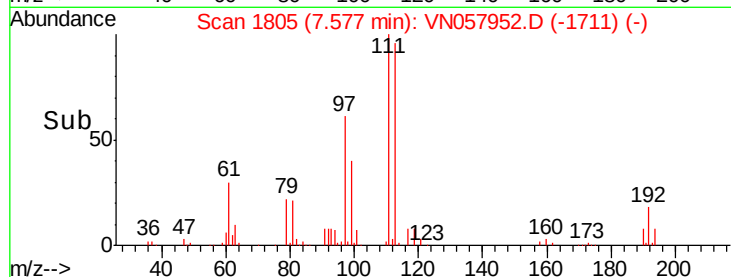
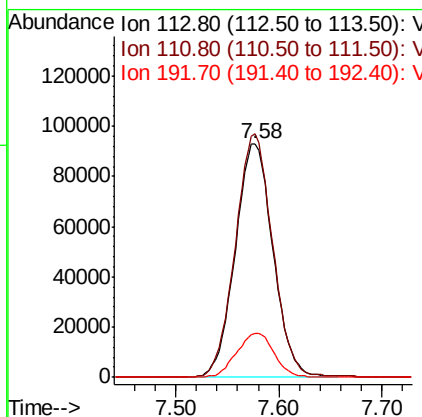
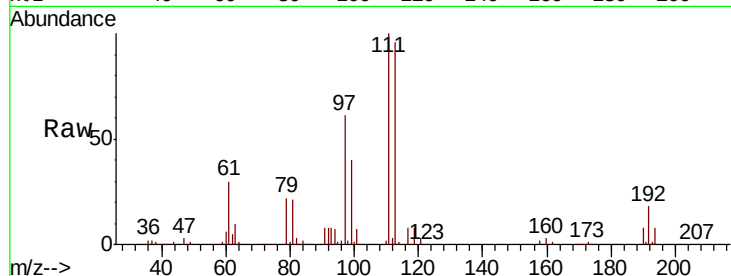




#35
 Dibromofluoromethane
 Concen: 49.768 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057952.D
 Acq: 12 Sep 2019 2:03

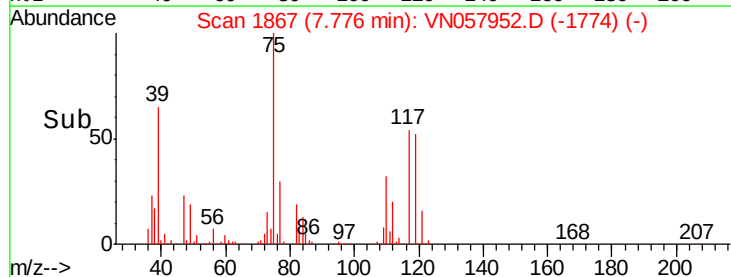
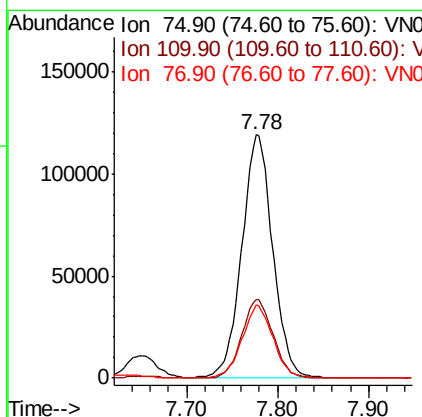
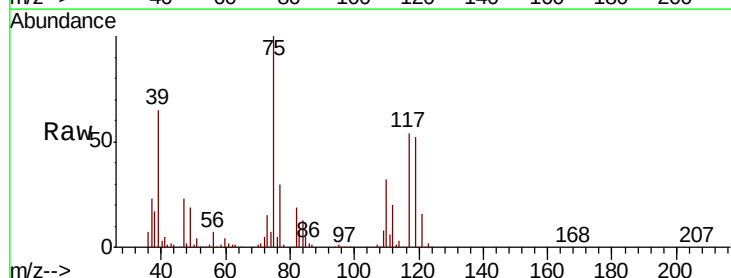
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

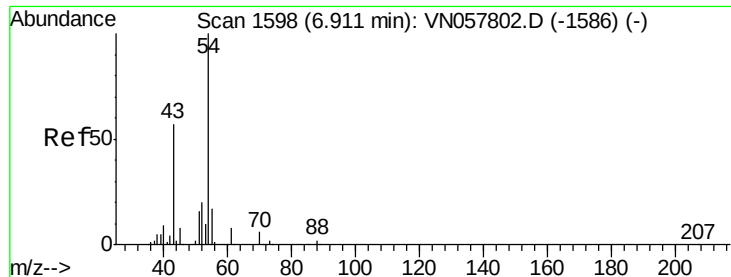
Tgt Ion: 113 Resp: 237344
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.3 121.9
 192 18.7 14.6 22.0



#36
 1,1-Dichloropropene
 Concen: 46.579 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN057952.D
 Acq: 12 Sep 2019 2:03

Tgt Ion: 75 Resp: 279121
 Ion Ratio Lower Upper
 75 100
 110 33.0 16.3 48.9
 77 30.3 25.0 37.4





#37

Ethyl Acetate

Concen: 47.796 ug/l

RT: 6.91 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VN057952.D

Acq: 12 Sep 2019 2:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

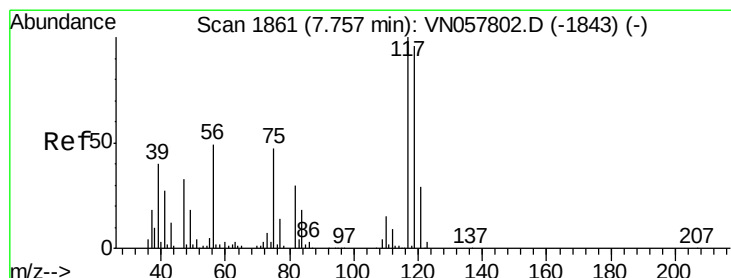
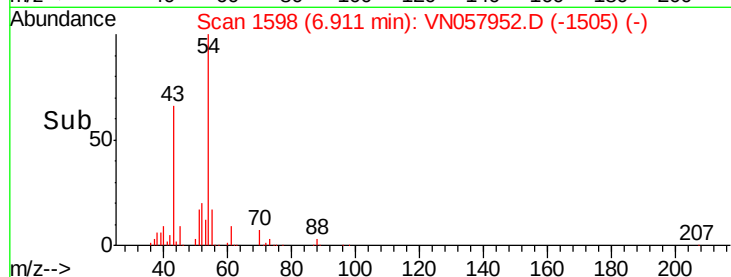
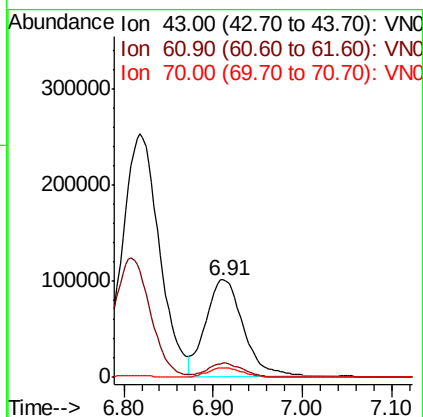
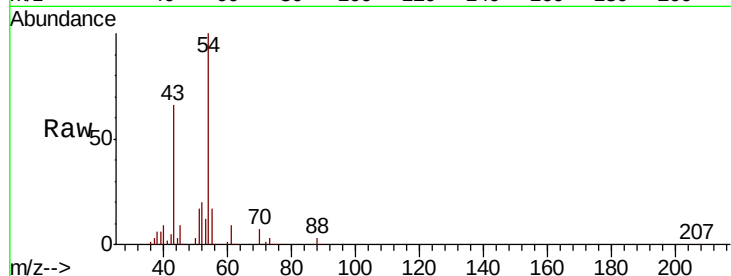
Tgt Ion: 43 Resp: 295919

Ion Ratio Lower Upper

43 100

61 13.6 10.5 15.7

70 9.3 7.4 11.0



#38

Carbon Tetrachloride

Concen: 48.910 ug/l

RT: 7.76 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VN057952.D

Acq: 12 Sep 2019 2:03

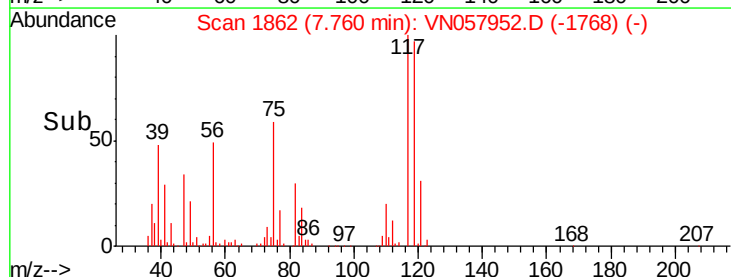
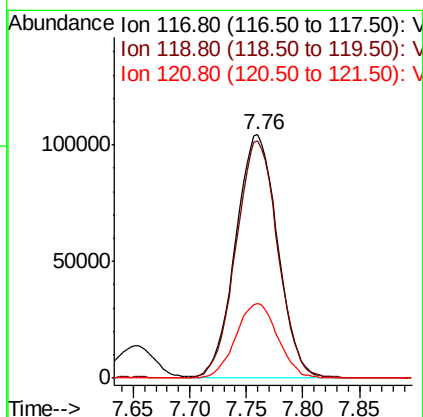
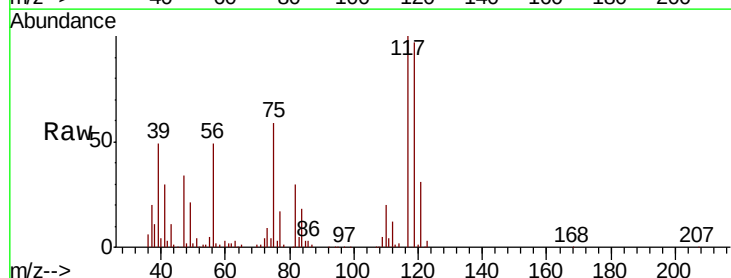
Tgt Ion: 117 Resp: 267590

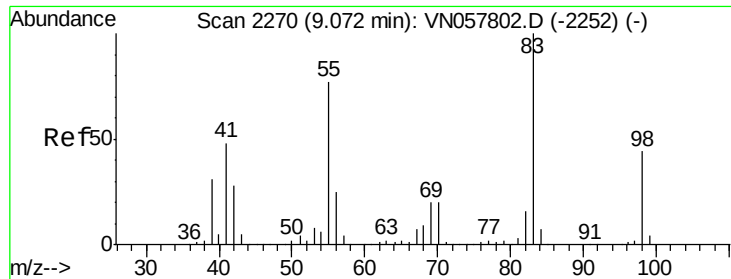
Ion Ratio Lower Upper

117 100

119 97.4 76.9 115.3

121 30.9 23.4 35.2

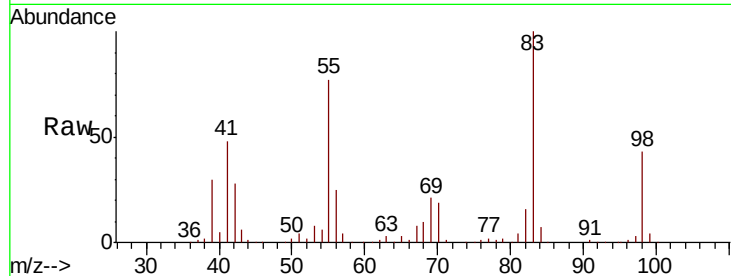




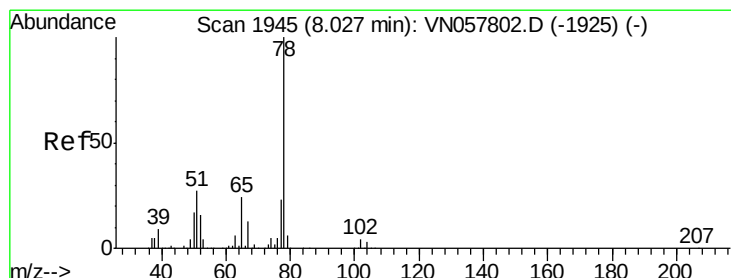
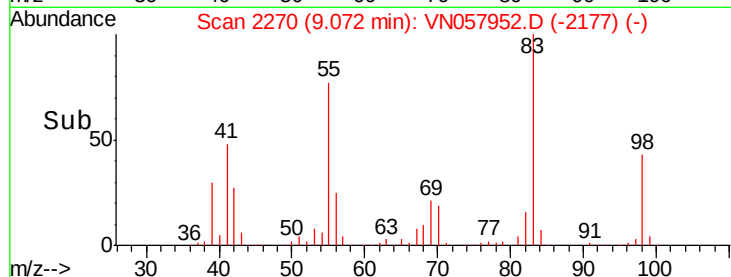
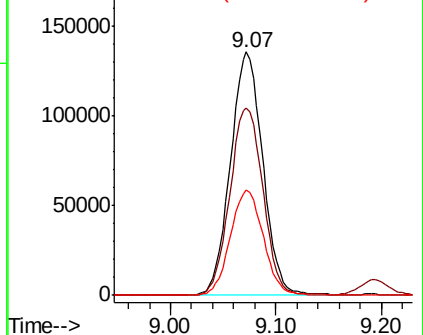
#39
Methylcyclohexane
Concen: 45.816 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VN057952.D
Acq: 12 Sep 2019 2:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 288613
Ion Ratio Lower Upper
83 100
55 77.2 61.6 92.4
98 43.3 34.9 52.3

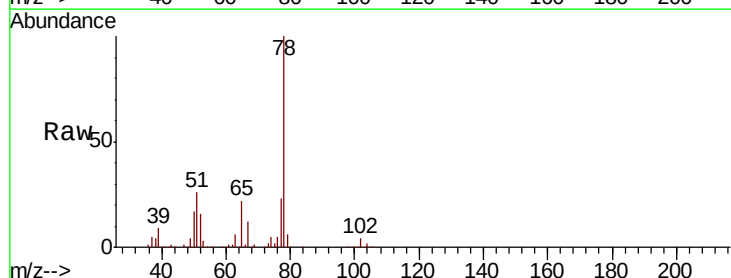


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

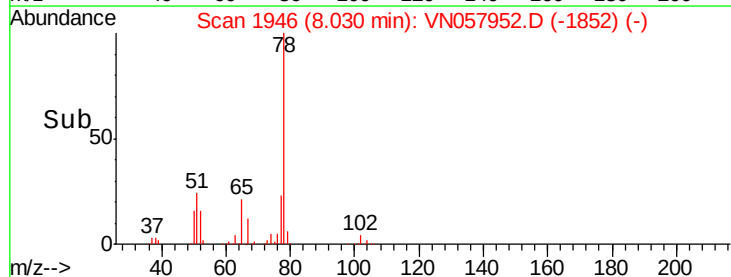
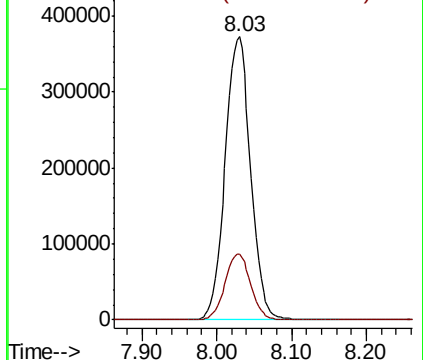


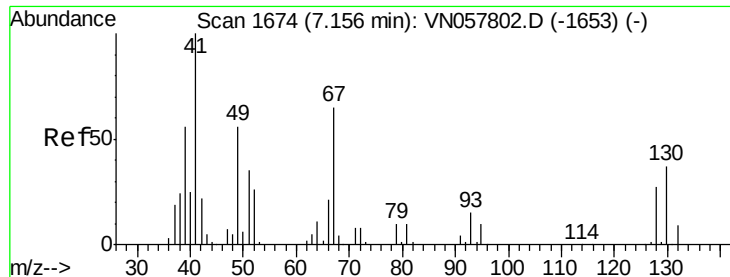
#40
Benzene
Concen: 48.717 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN057952.D
Acq: 12 Sep 2019 2:03

Tgt Ion: 78 Resp: 878898
Ion Ratio Lower Upper
78 100
77 23.0 18.3 27.5



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

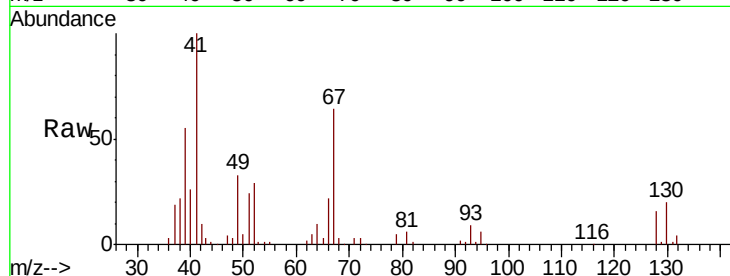




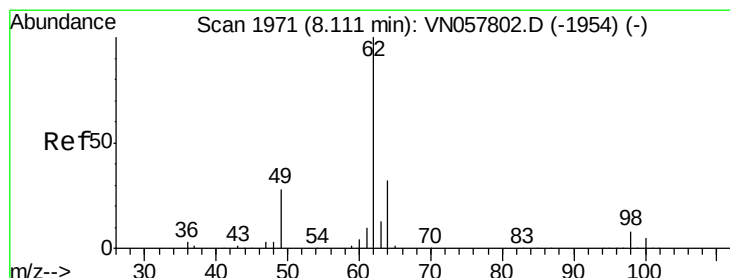
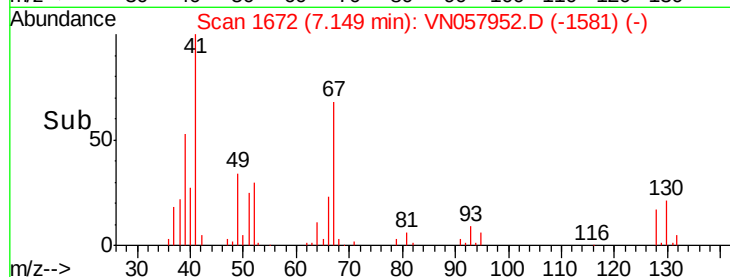
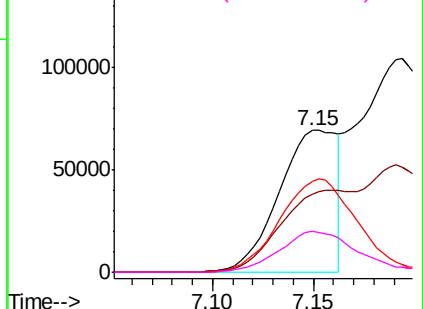
#41
Methacrylonitrile
Concen: 49.418 ug/l
RT: 7.15 min Scan# 1672
Delta R.T. -0.01 min
Lab File: VN057952.D
Acq: 12 Sep 2019 2:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	138884
Ion	Ratio	Lower	Upper
41	100		
39	68.3	51.0	76.6
67	87.7	70.7	106.1
52	39.0	30.8	46.2

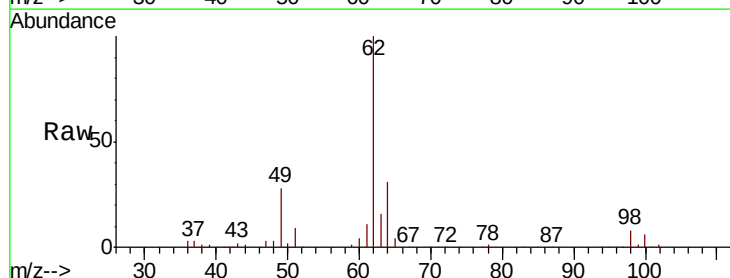


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

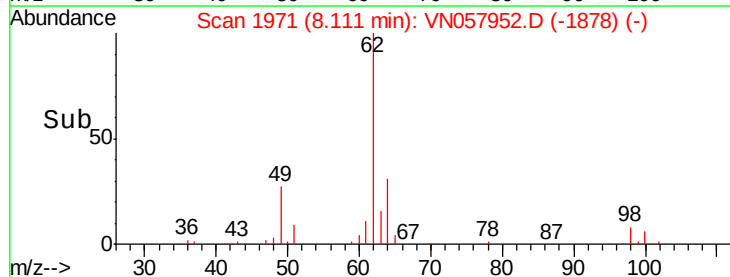
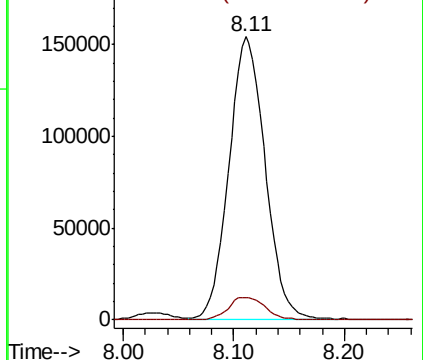


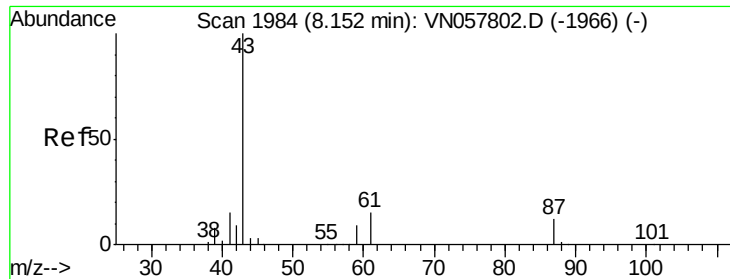
#42
1,2-Dichloroethane
Concen: 48.392 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VN057952.D
Acq: 12 Sep 2019 2:03

Tgt Ion:	62	Resp:	349161
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	15.8



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





#43

Isopropyl Acetate

Concen: 49.750 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN057952.D

Acq: 12 Sep 2019 2:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

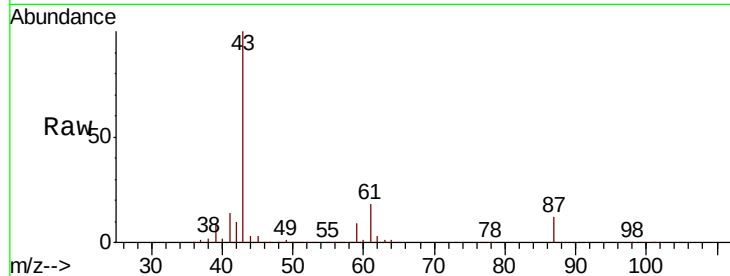
Tgt Ion: 43 Resp: 517984

Ion Ratio Lower Upper

43 100

61 17.7 20.1 30.1#

87 11.7 9.5 14.3

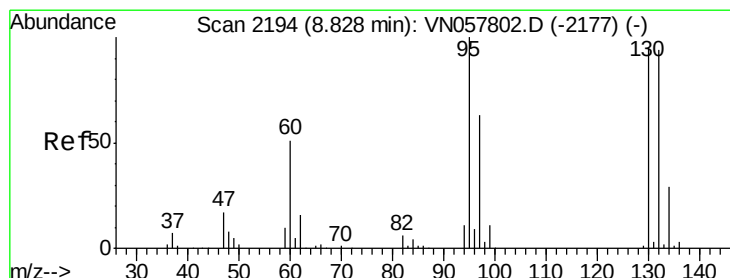
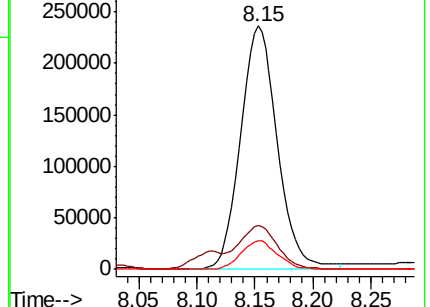
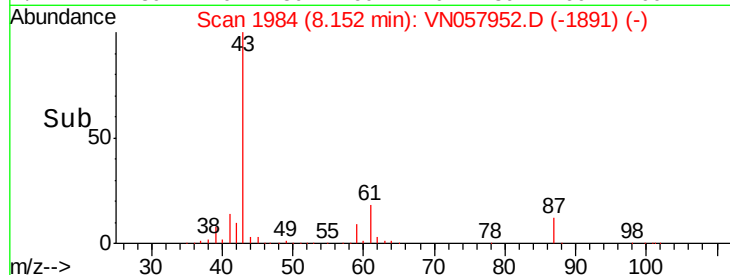


Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN057802.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN057802.D (-1966) (-)

Time-->



#44

Trichloroethene

Concen: 47.046 ug/l

RT: 8.83 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VN057952.D

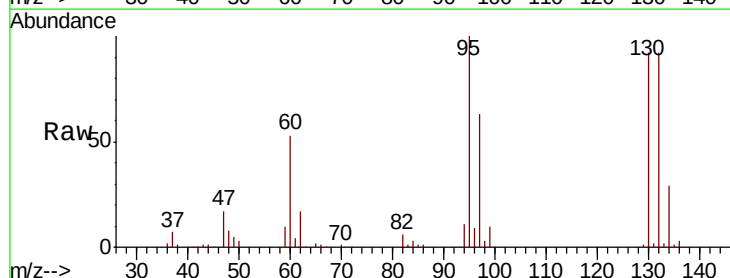
Acq: 12 Sep 2019 2:03

Tgt Ion: 130 Resp: 208175

Ion Ratio Lower Upper

130 100

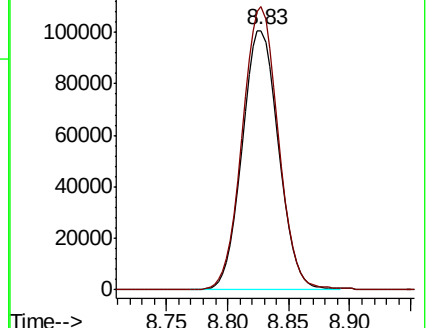
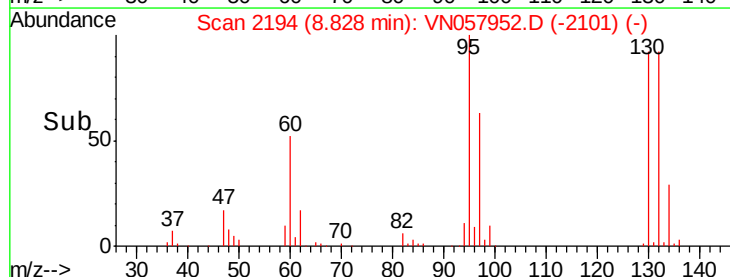
95 109.0 0.0 211.4

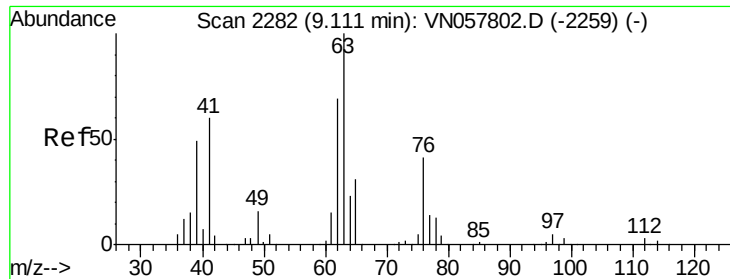


Abundance Ion 129.80 (129.50 to 130.50): VN057802.D (-2177) (-)

Ion 94.90 (94.60 to 95.60): VN057802.D (-2177) (-)

Time-->

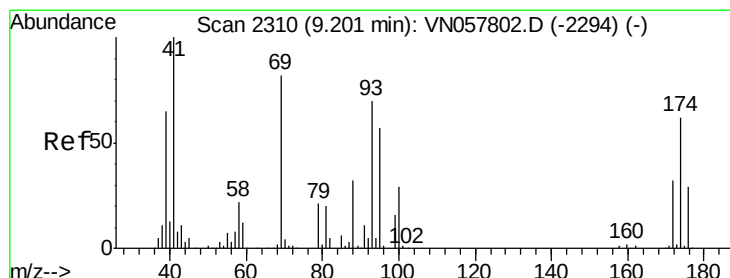
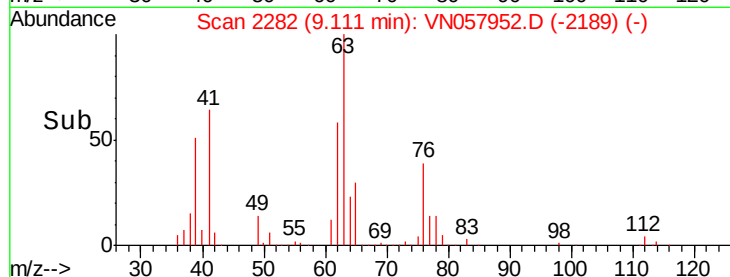
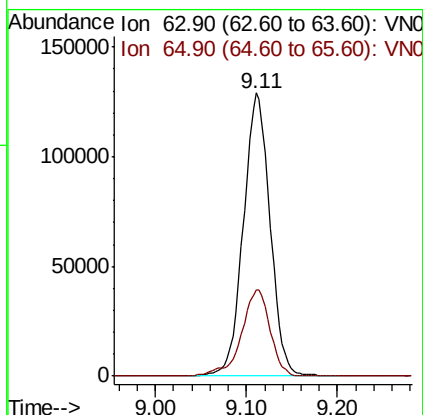
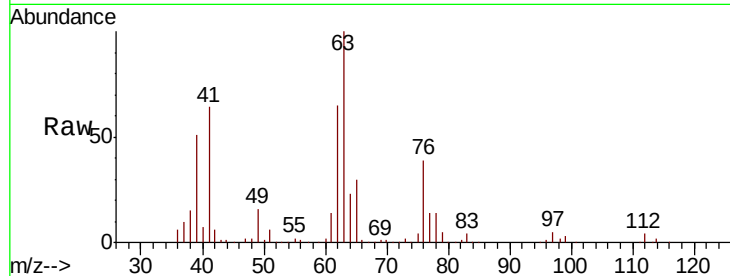




#45
 1,2-Dichloropropane
 Concen: 50.064 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057952.D
 Acq: 12 Sep 2019 2:03

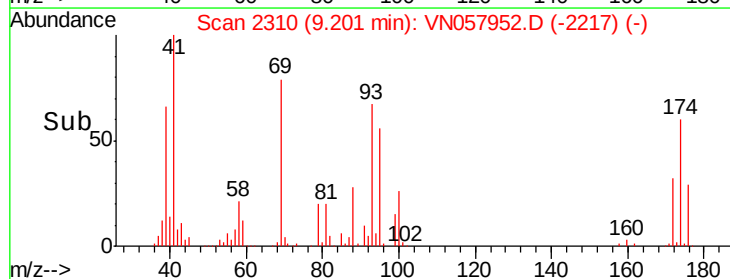
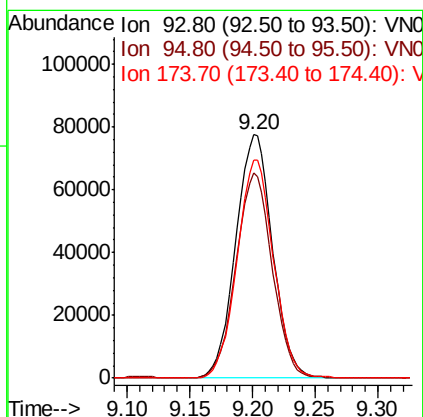
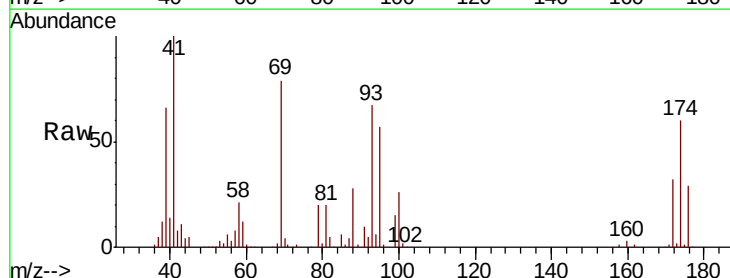
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

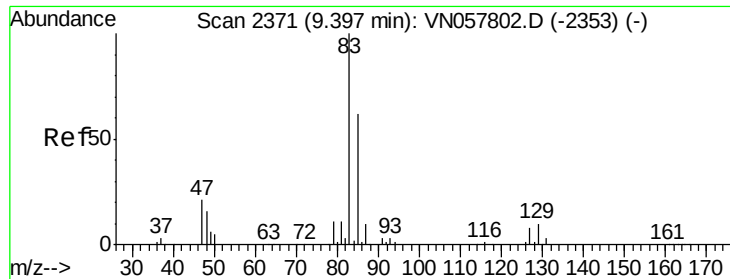
Tgt Ion: 63 Resp: 262816
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.8 37.2



#46
 Dibromomethane
 Concen: 49.881 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN057952.D
 Acq: 12 Sep 2019 2:03

Tgt Ion: 93 Resp: 158235
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.9 98.9
 174 88.8 71.8 107.6





#47

Bromodichloromethane

Concen: 50.632 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057952.D

Acq: 12 Sep 2019 2:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

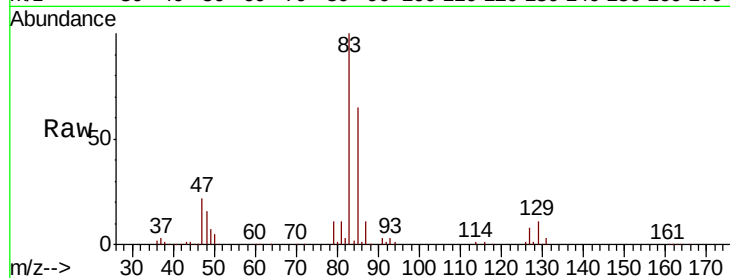
Tgt Ion: 83 Resp: 320741

Ion Ratio Lower Upper

83 100

85 64.7 49.9 74.9

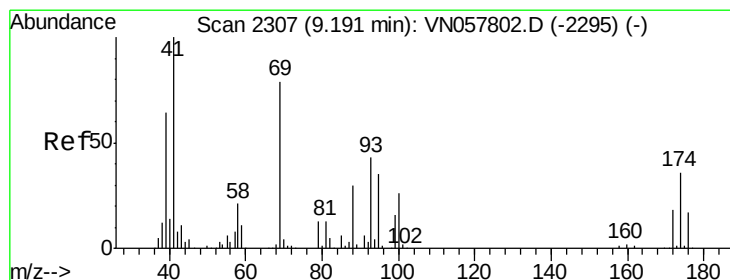
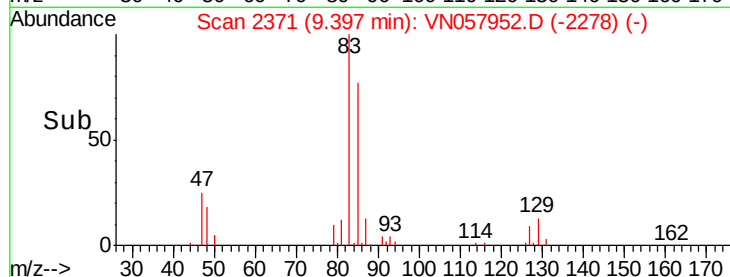
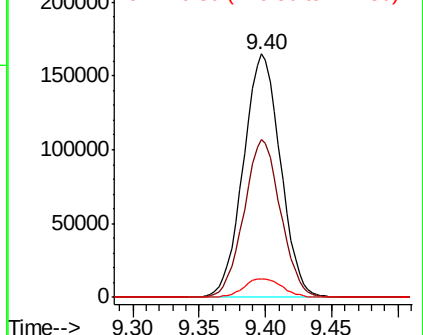
127 7.7 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 48.966 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN057952.D

Acq: 12 Sep 2019 2:03

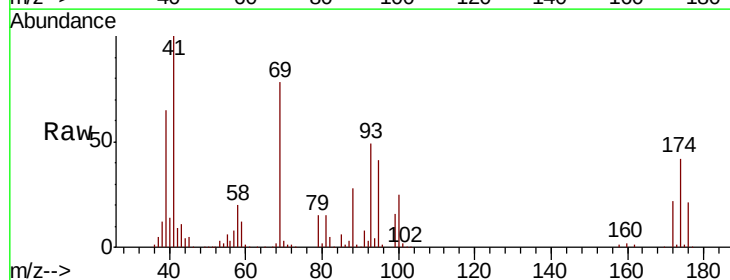
Tgt Ion: 41 Resp: 258611

Ion Ratio Lower Upper

41 100

69 77.5 62.7 94.1

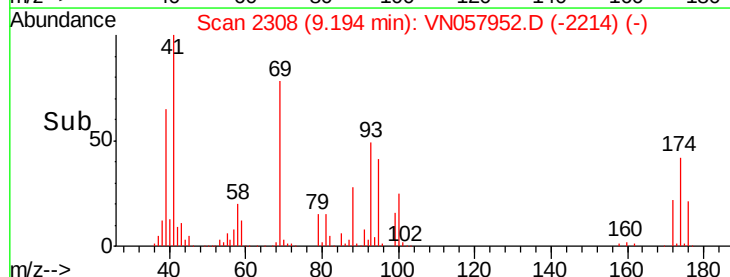
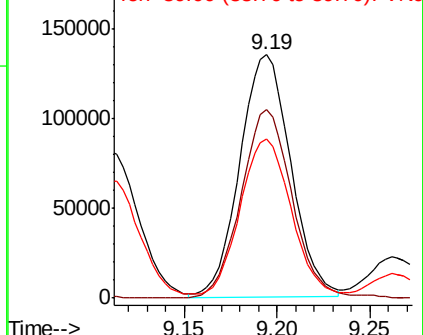
39 66.2 52.7 79.1

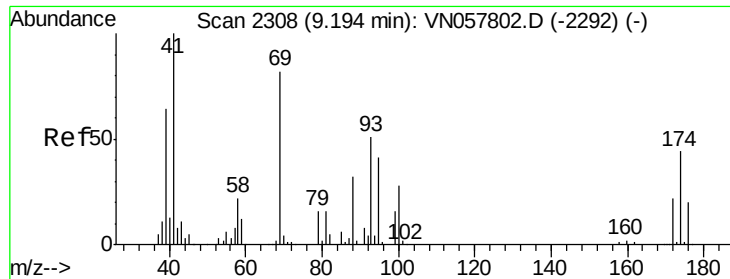


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

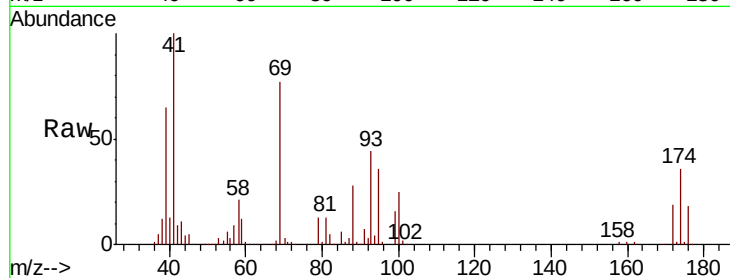




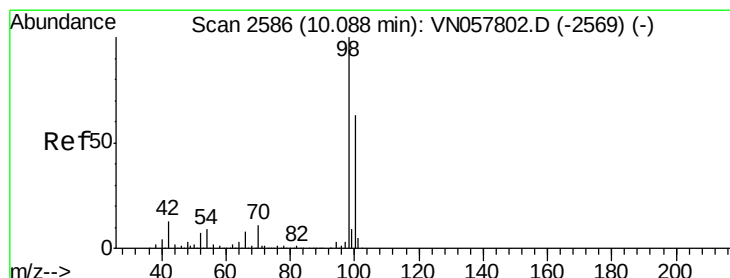
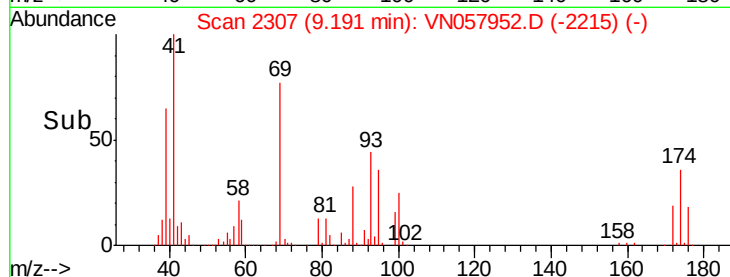
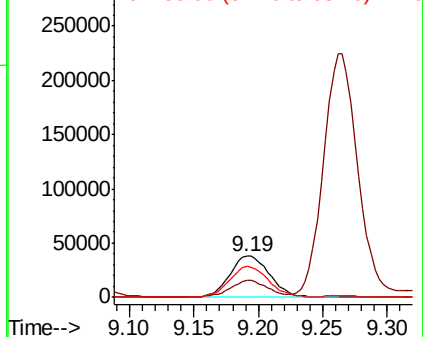
#49
 1,4-Dioxane
 Concen: 914.924 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN057952.D
 Acq: 12 Sep 2019 2:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 88 Resp: 81716
 Ion Ratio Lower Upper
 88 100
 43 36.2 28.5 42.7
 58 73.4 55.8 83.6

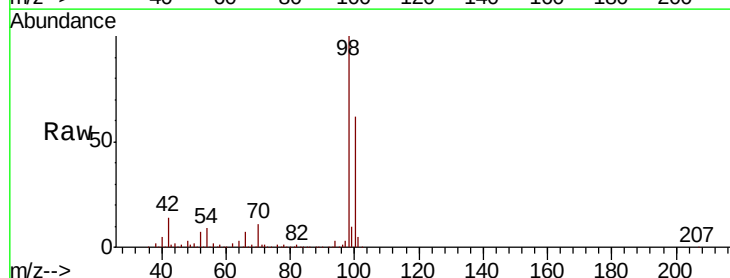


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

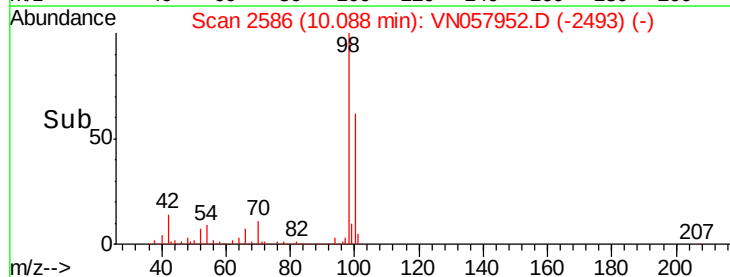
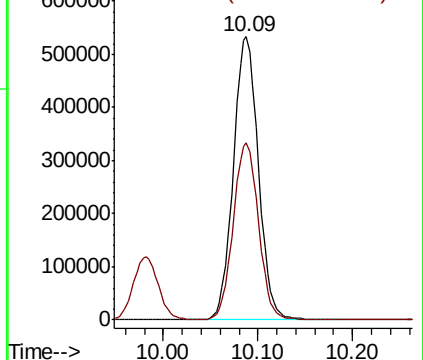


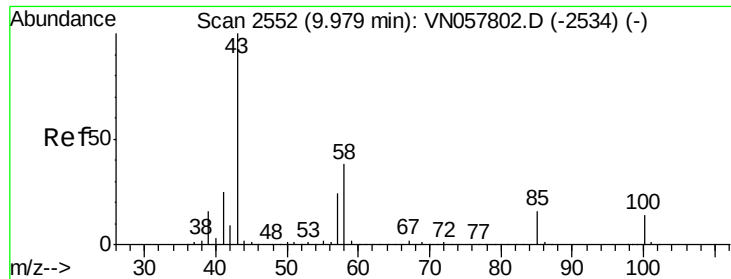
#50
 Toluene-d8
 Concen: 52.795 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: VN057952.D
 Acq: 12 Sep 2019 2:03

Tgt Ion: 98 Resp: 977531
 Ion Ratio Lower Upper
 98 100
 100 63.1 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 265.032 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN057952.D

Acq: 12 Sep 2019 2:03

Instrument :

MSVOA_N

ClientSampleId :

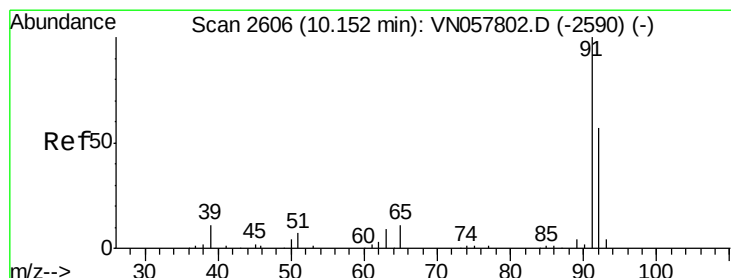
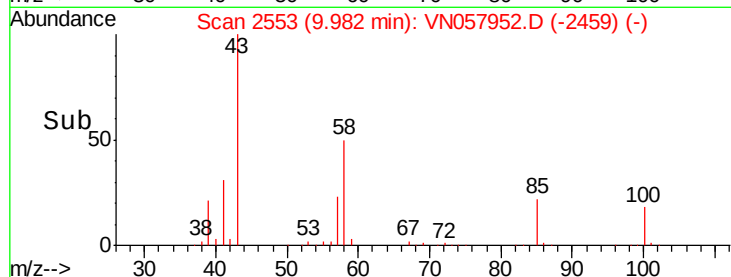
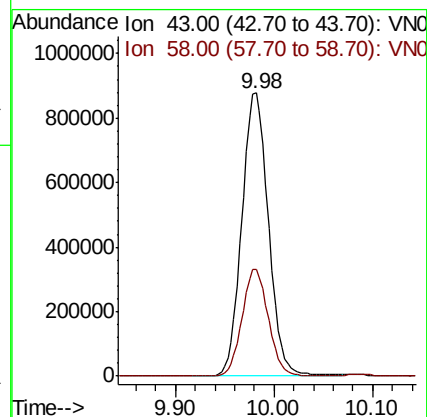
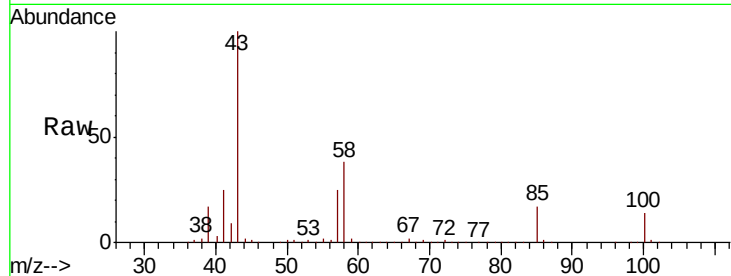
VSTDCCC050EC

Tgt Ion: 43 Resp: 1632944

Ion Ratio Lower Upper

43 100

58 37.3 29.8 44.6



#52

Toluene

Concen: 49.318 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN057952.D

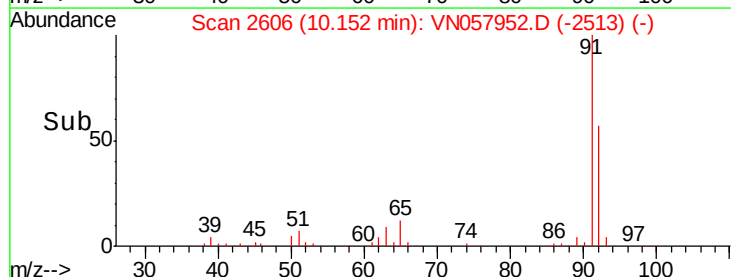
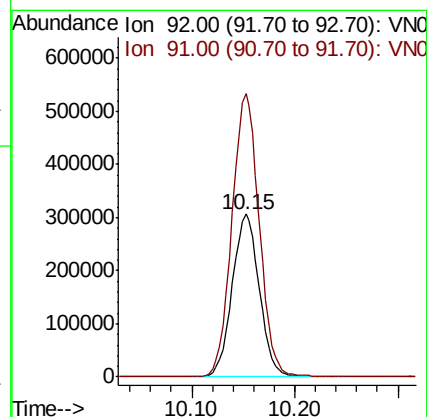
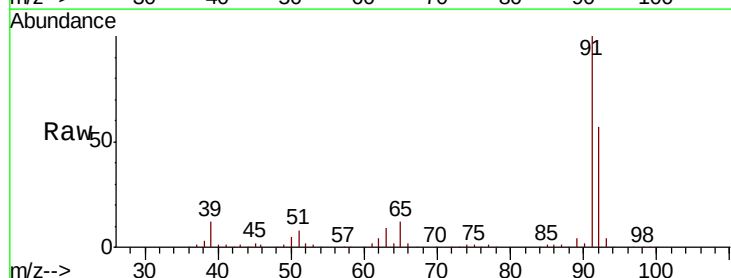
Acq: 12 Sep 2019 2:03

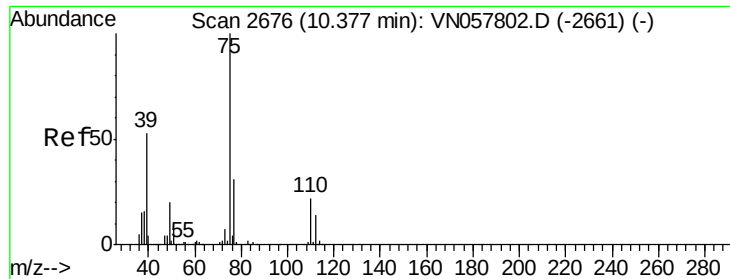
Tgt Ion: 92 Resp: 560400

Ion Ratio Lower Upper

92 100

91 175.3 141.0 211.6





#53

t-1,3-Dichloropropene

Concen: 48.375 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN057952.D

Acq: 12 Sep 2019 2:03

Instrument :

MSVOA_N

ClientSampleId :

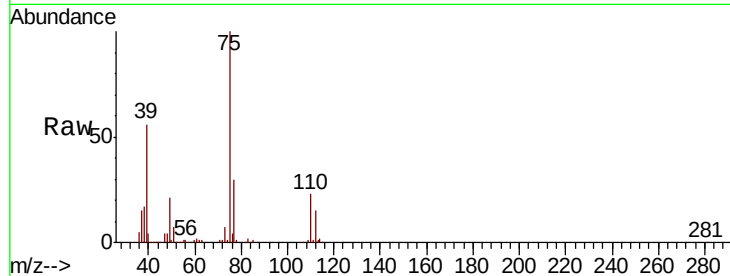
VSTDCCC050EC

Tgt Ion: 75 Resp: 322700

Ion Ratio Lower Upper

75 100

77 30.5 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

200000

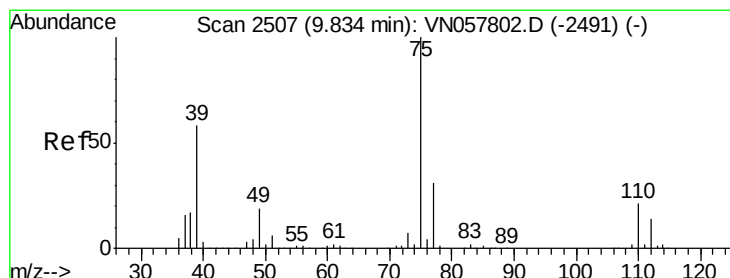
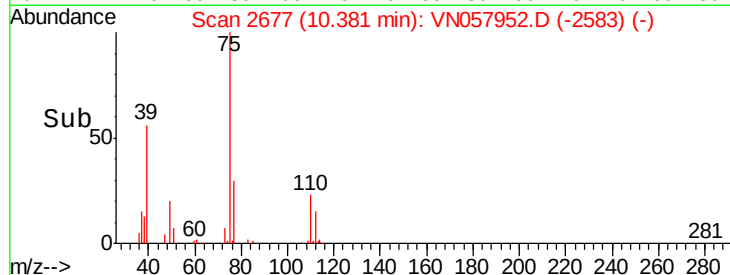
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 48.448 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN057952.D

Acq: 12 Sep 2019 2:03

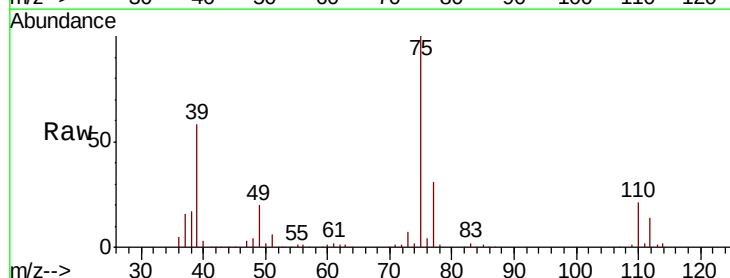
Tgt Ion: 75 Resp: 356821

Ion Ratio Lower Upper

75 100

77 30.7 24.8 37.2

39 58.0 46.2 69.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.83

250000

200000

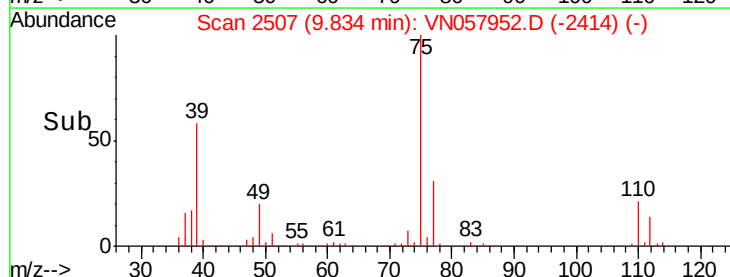
150000

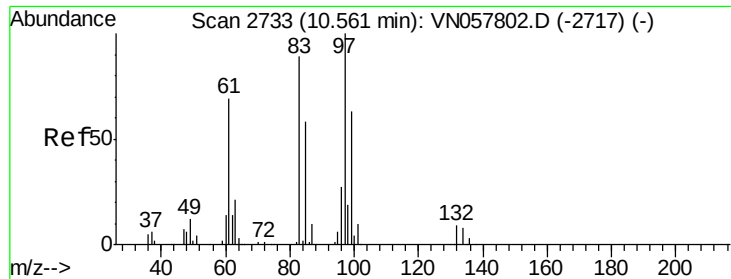
100000

50000

0

Time-->

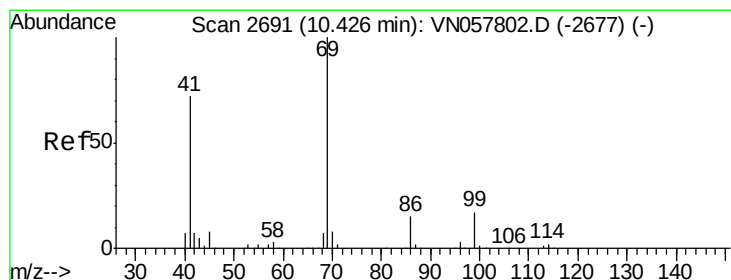
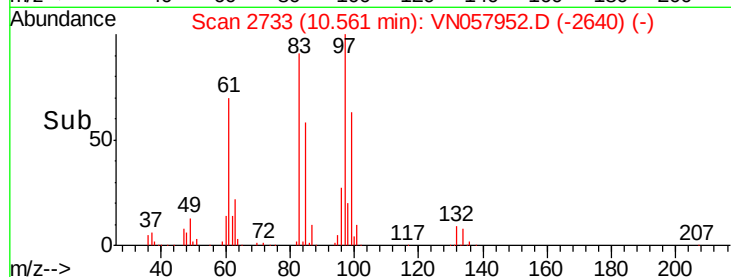
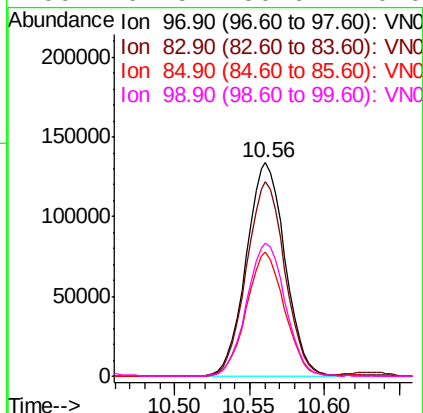
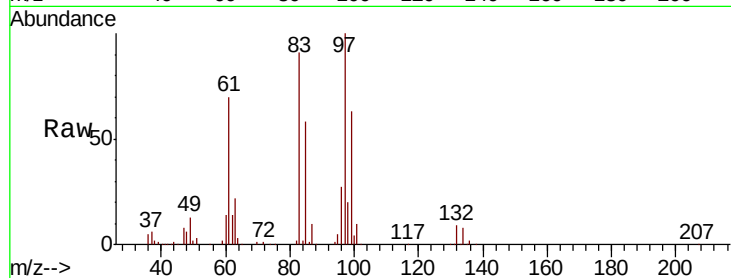




#55
 1,1,2-Trichloroethane
 Concen: 50.246 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN057952.D
 Acq: 12 Sep 2019 2:03

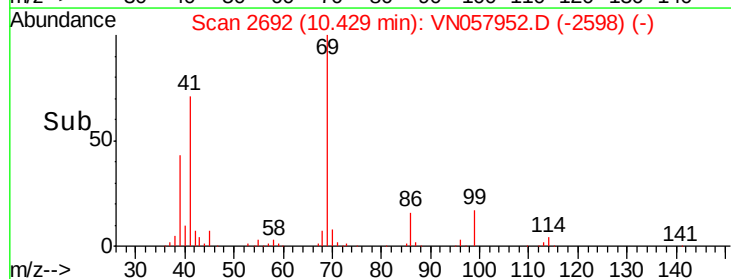
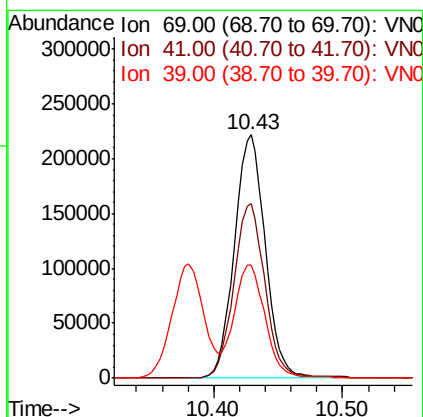
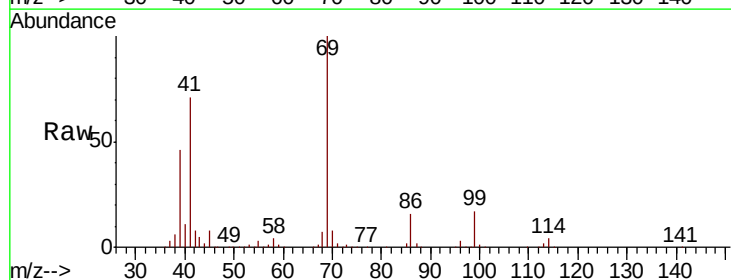
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

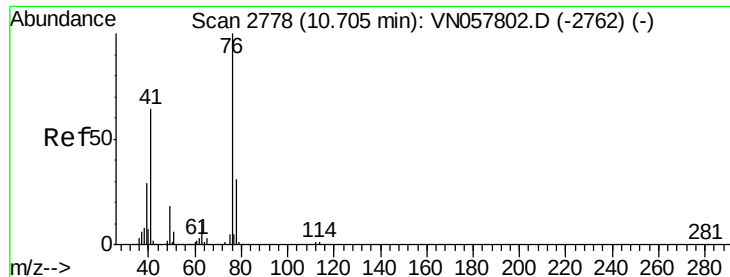
Tgt Ion:	97	Resp:	241846
Ion	Ratio	Lower	Upper
97	100		
83	90.9	70.8	106.2
85	58.0	46.0	69.0
99	62.5	50.6	76.0



#56
 Ethyl methacrylate
 Concen: 50.948 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN057952.D
 Acq: 12 Sep 2019 2:03

Tgt Ion:	69	Resp:	369279
Ion	Ratio	Lower	Upper
69	100		
41	71.1	56.7	85.1
39	46.9	36.3	54.5

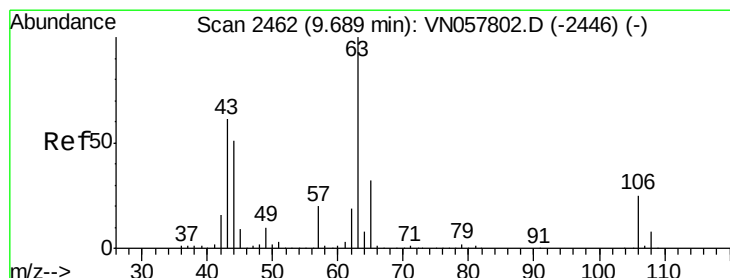
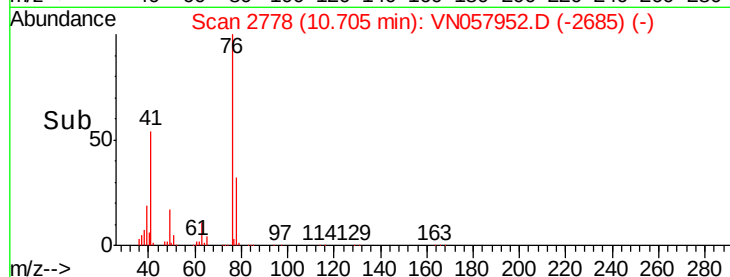
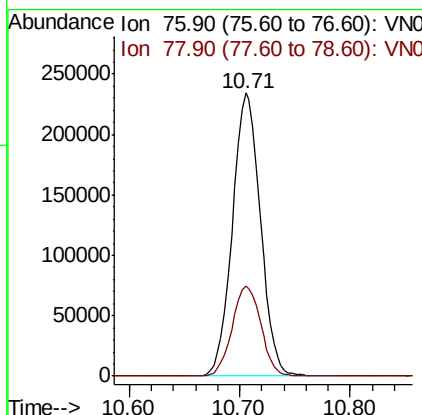
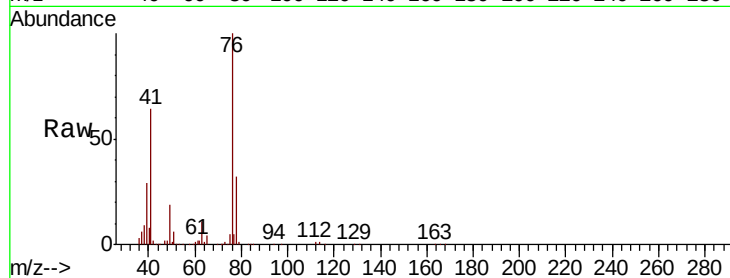




#57
 1,3-Dichloropropane
 Concen: 49.764 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN057952.D
 Acq: 12 Sep 2019 2:03

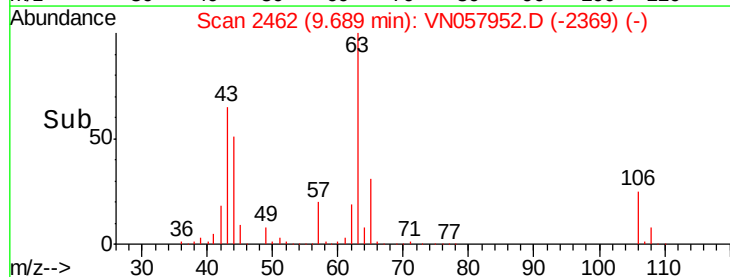
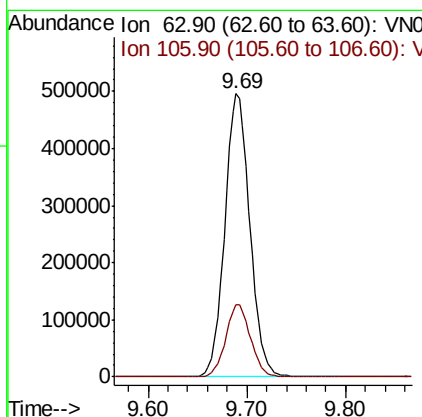
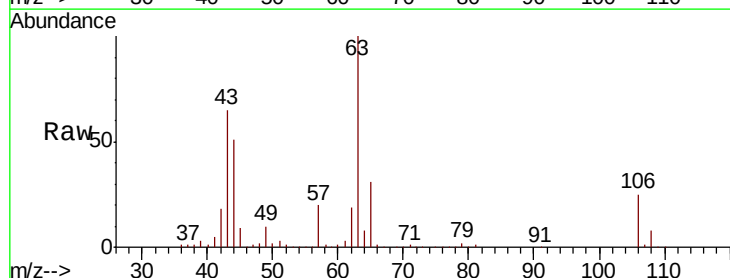
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

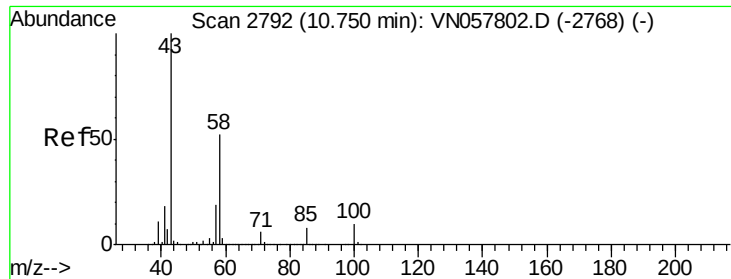
Tgt Ion: 76 Resp: 412785
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.4 38.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.127 ug/l
 RT: 9.69 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: VN057952.D
 Acq: 12 Sep 2019 2:03

Tgt Ion: 63 Resp: 874373
 Ion Ratio Lower Upper
 63 100
 106 25.3 20.0 30.0

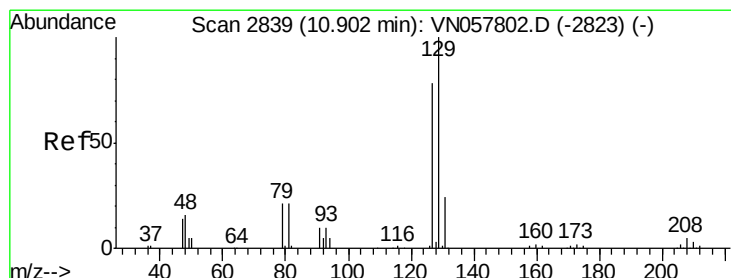
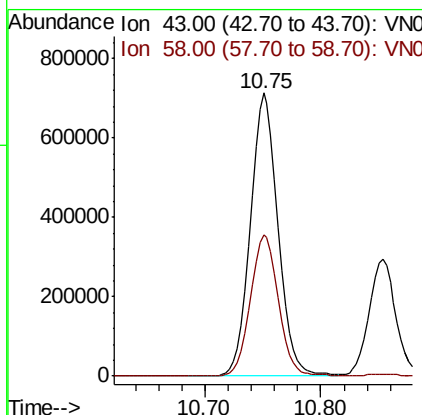
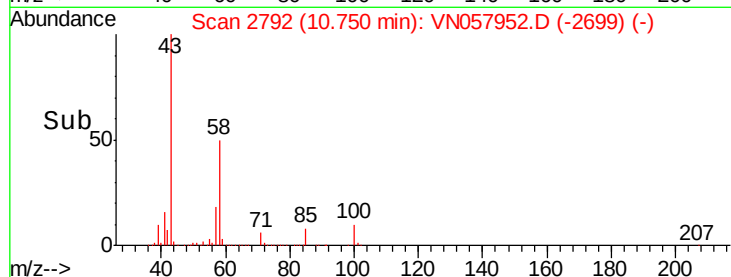
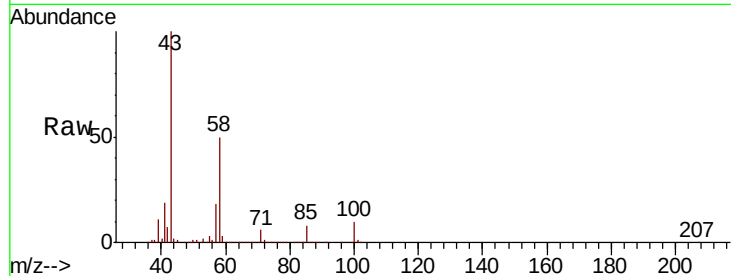




#59
2-Hexanone
Concen: 256.882 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN057952.D
Acq: 12 Sep 2019 2:03

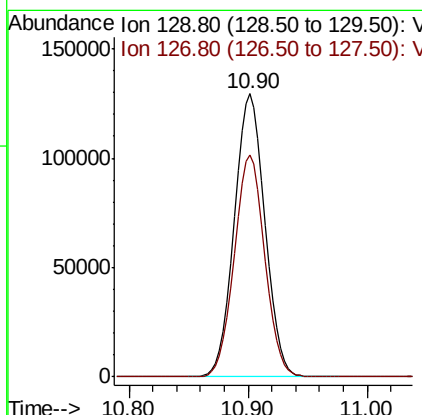
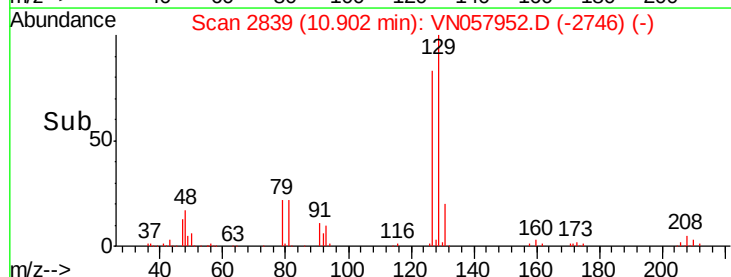
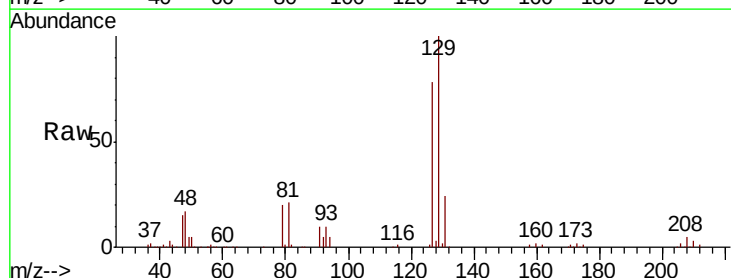
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

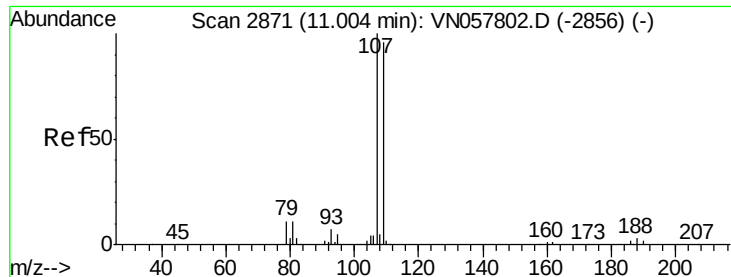
Tgt Ion: 43 Resp: 1186317
Ion Ratio Lower Upper
43 100
58 50.9 25.6 76.8



#60
Dibromochloromethane
Concen: 51.568 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN057952.D
Acq: 12 Sep 2019 2:03

Tgt Ion: 129 Resp: 230482
Ion Ratio Lower Upper
129 100
127 78.1 38.6 116.0

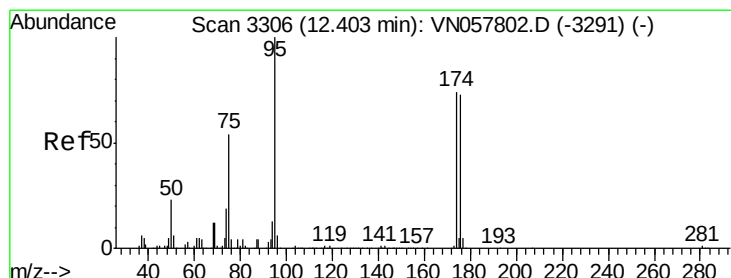
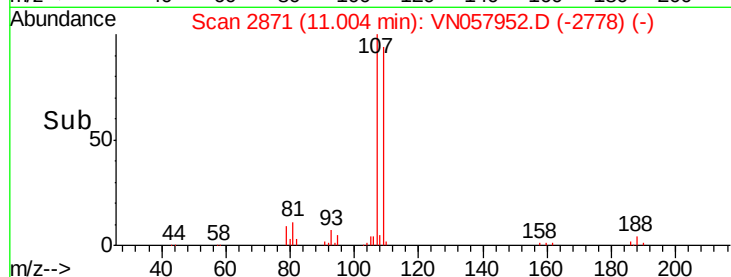
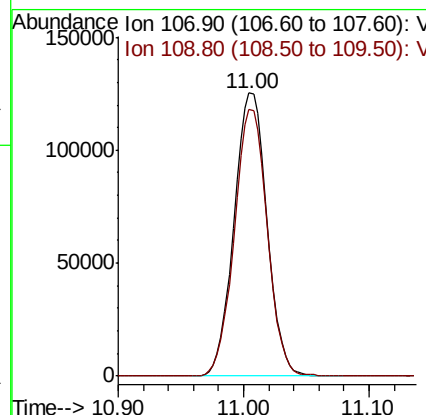
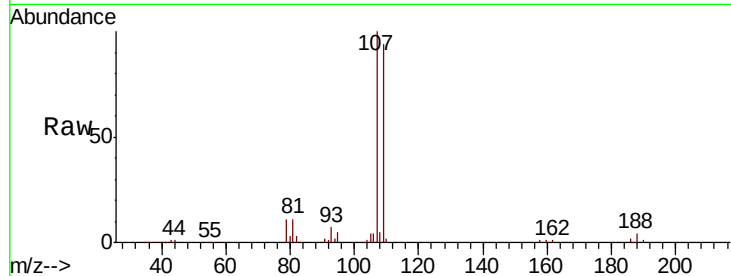




#61
 1,2-Dibromoethane
 Concen: 50.207 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN057952.D
 Acq: 12 Sep 2019 2:03

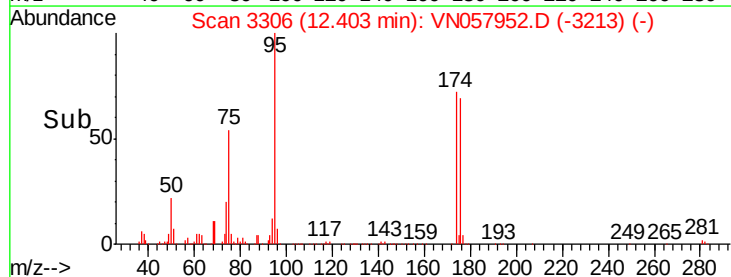
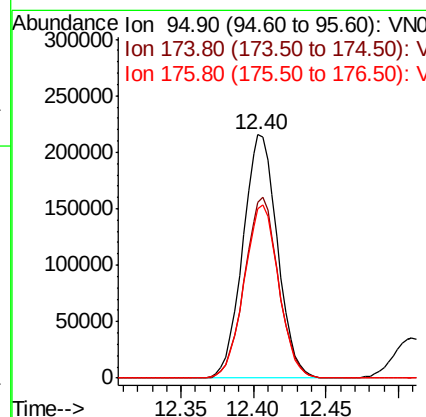
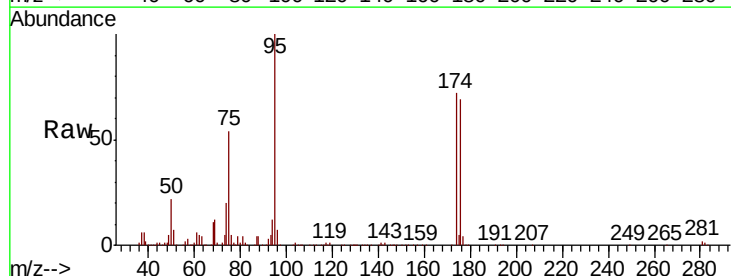
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

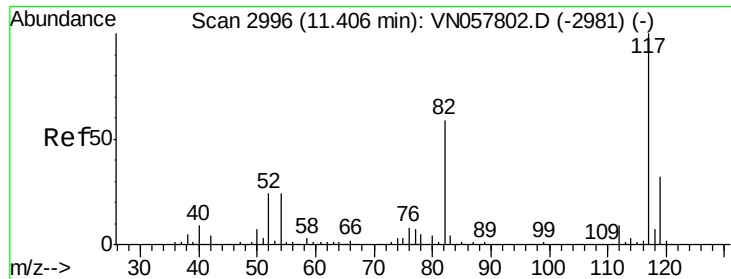
Tgt Ion: 107 Resp: 228464
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 50.503 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN057952.D
 Acq: 12 Sep 2019 2:03

Tgt Ion: 95 Resp: 356355
 Ion Ratio Lower Upper
 95 100
 174 73.3 0.0 150.2
 176 71.2 0.0 146.0

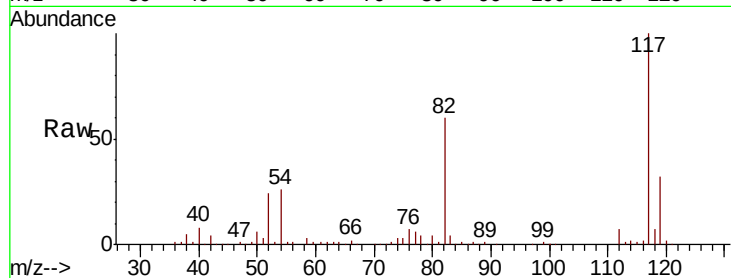




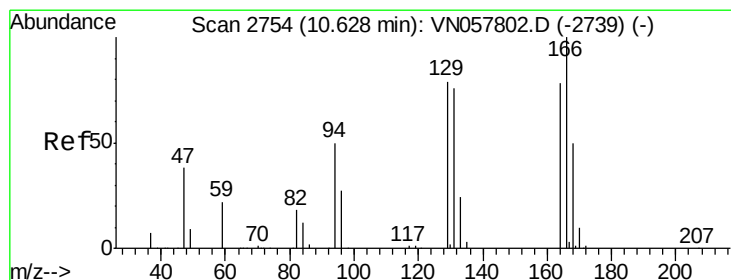
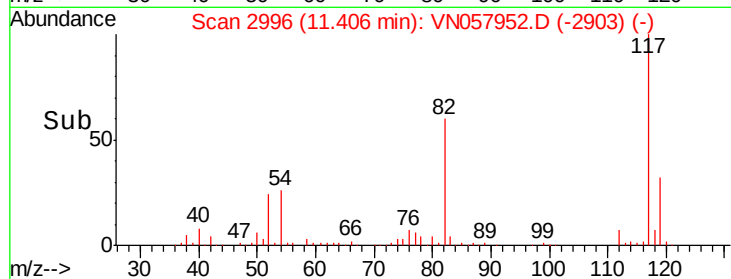
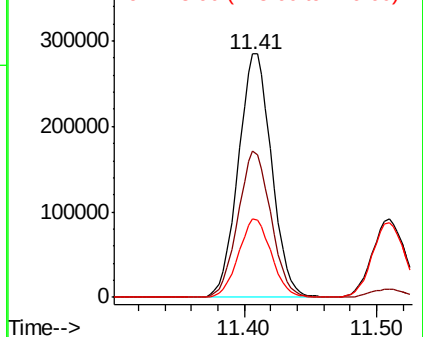
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057952.D
Acq: 12 Sep 2019 2:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 496456
Ion Ratio Lower Upper
117 100
82 60.2 47.2 70.8
119 32.0 25.3 37.9

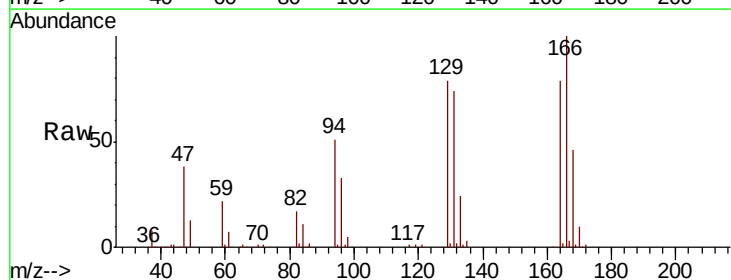


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

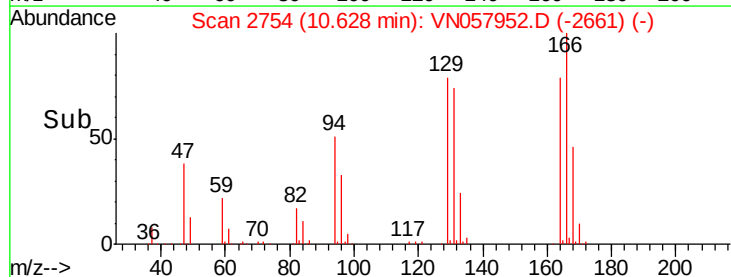
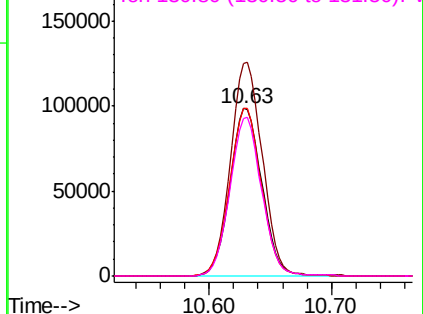


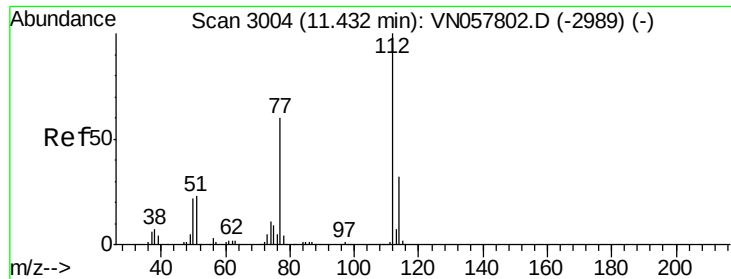
#64
Tetrachloroethene
Concen: 48.900 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057952.D
Acq: 12 Sep 2019 2:03

Tgt Ion:164 Resp: 179246
Ion Ratio Lower Upper
164 100
166 127.3 102.2 153.2
129 100.0 80.8 121.2
131 93.9 77.4 116.2



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





#65

Chlorobenzene

Concen: 48.411 ug/l

RT: 11.44 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VN057952.D

Acq: 12 Sep 2019 2:03

Instrument :

MSVOA_N

ClientSampleId :

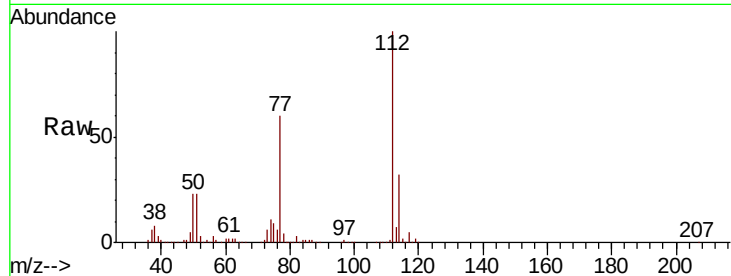
VSTDCCC050EC

Tgt Ion:112 Resp: 628987

Ion Ratio Lower Upper

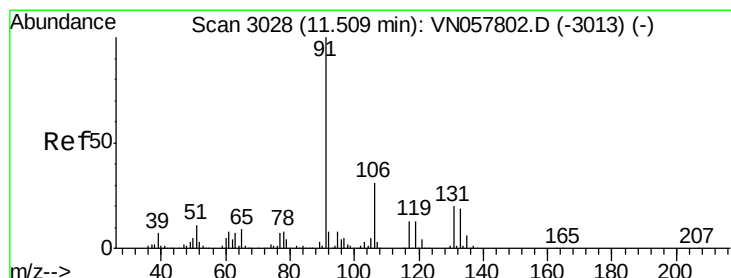
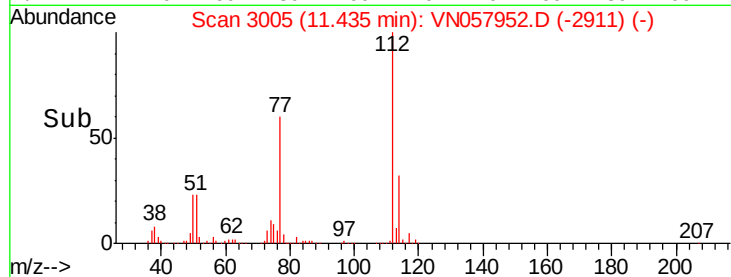
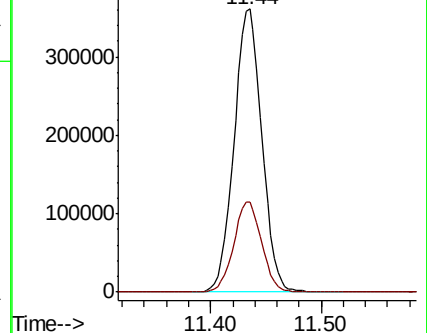
112 100

114 31.8 25.2 37.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.955 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN057952.D

Acq: 12 Sep 2019 2:03

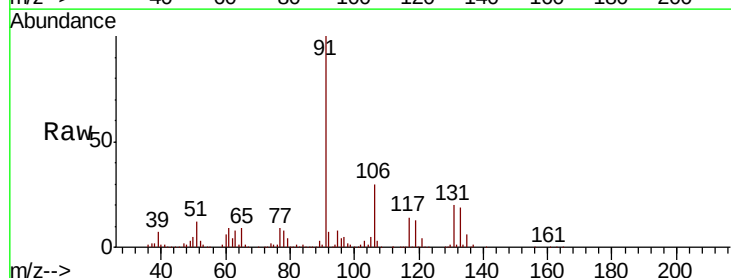
Tgt Ion:131 Resp: 229725

Ion Ratio Lower Upper

131 100

133 94.3 47.1 141.3

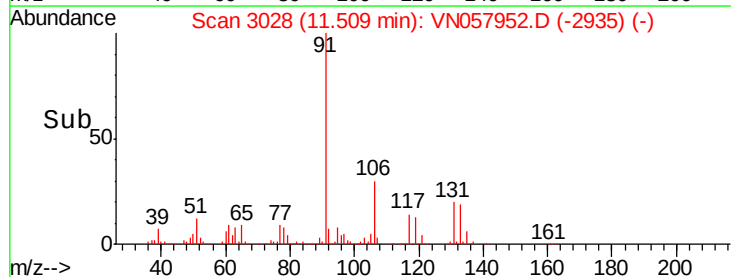
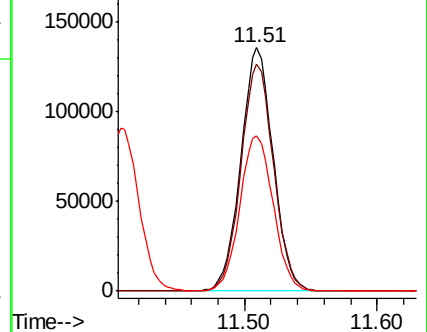
119 66.0 33.3 99.8

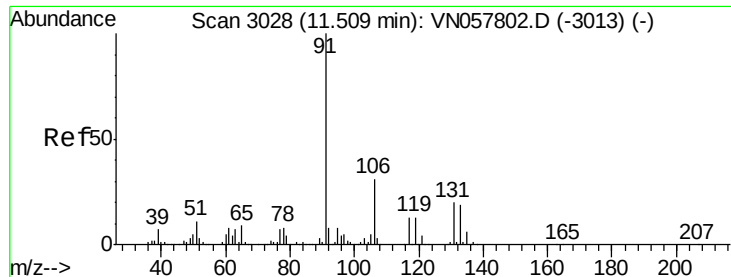


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

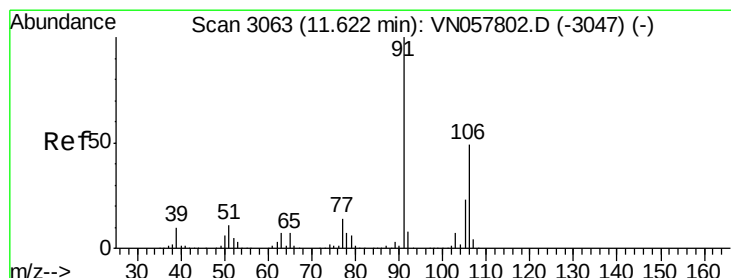
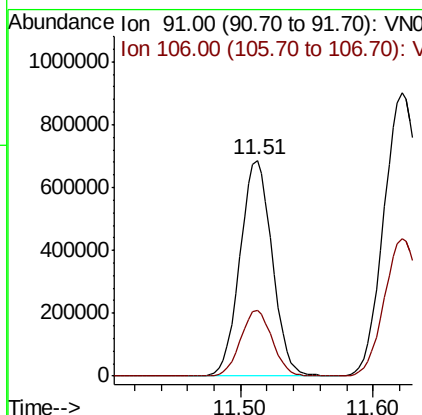
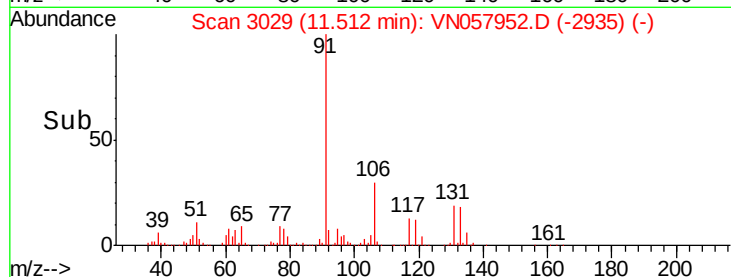
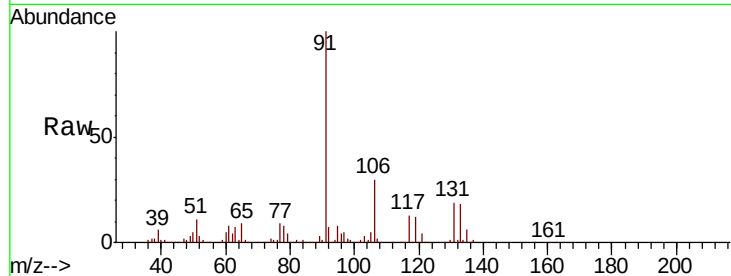




#67
Ethyl Benzene
Concen: 50.630 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN057952.D
Acq: 12 Sep 2019 2:03

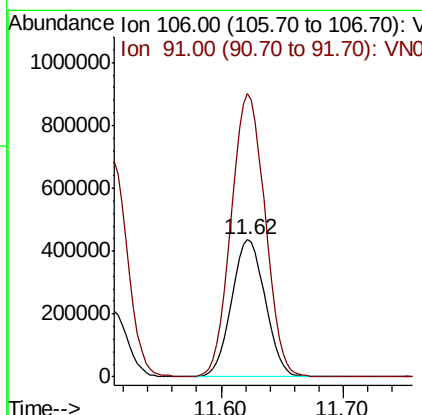
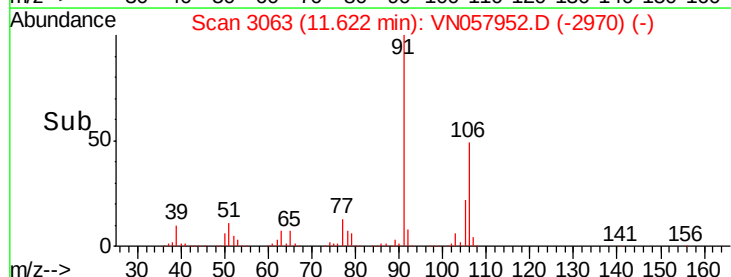
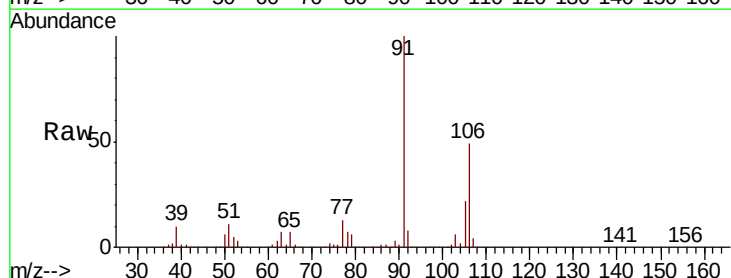
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

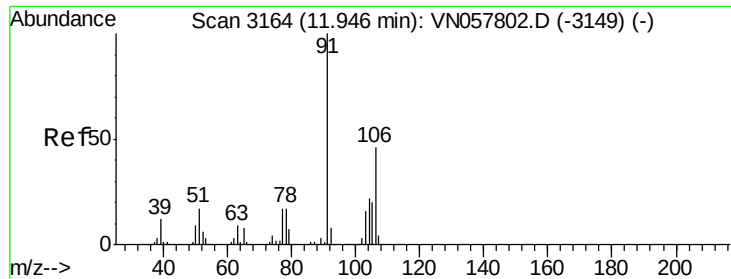
Tgt Ion: 91 Resp: 1152857
Ion Ratio Lower Upper
91 100
106 30.5 24.4 36.6



#68
m/p-Xylenes
Concen: 99.997 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN057952.D
Acq: 12 Sep 2019 2:03

Tgt Ion: 106 Resp: 834042
Ion Ratio Lower Upper
106 100
91 208.8 165.8 248.6

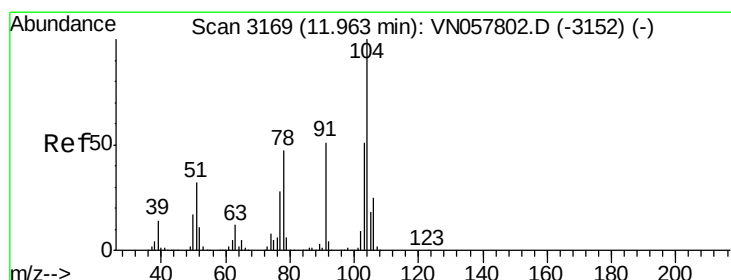
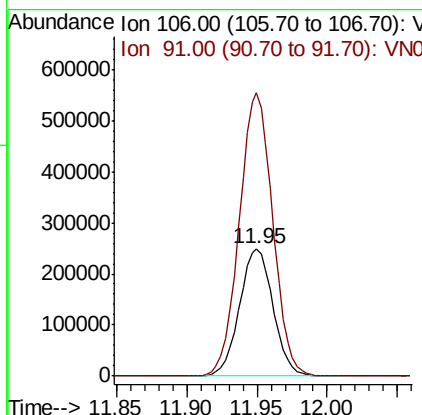
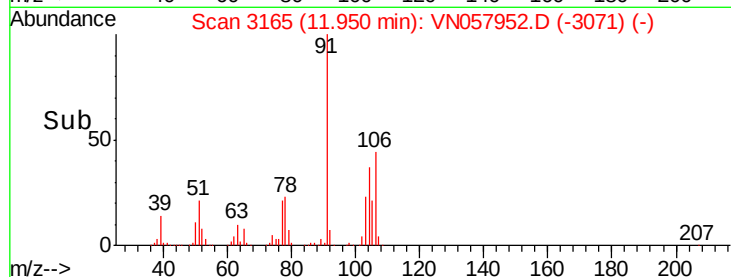
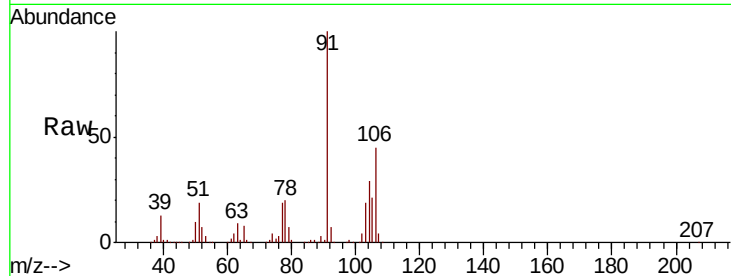




#69
o-Xylene
Concen: 50.096 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN057952.D
Acq: 12 Sep 2019 2:03

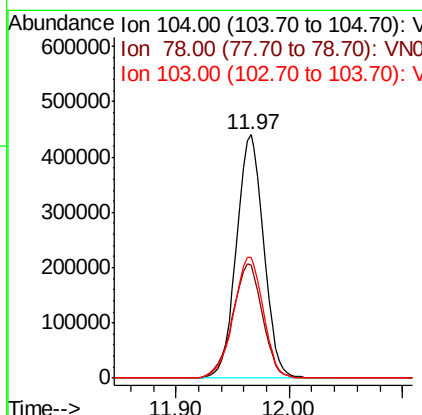
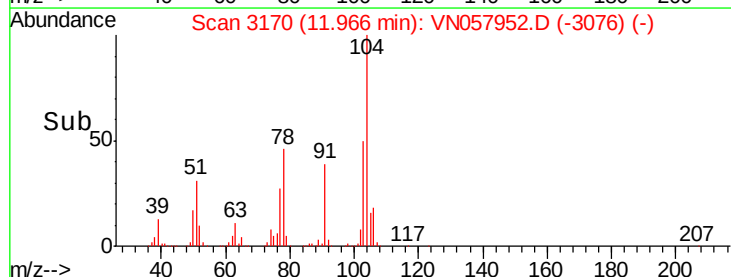
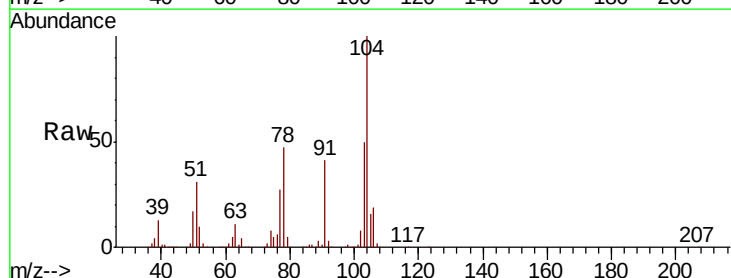
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

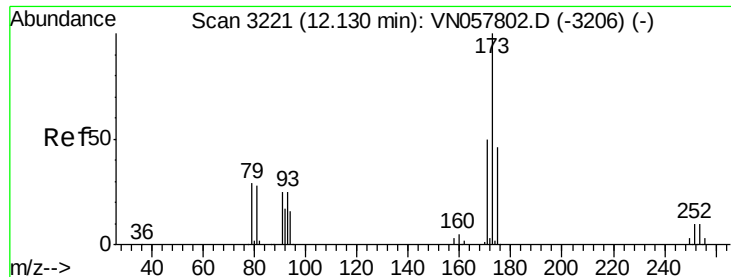
Tgt Ion:106 Resp: 415391
Ion Ratio Lower Upper
106 100
91 221.4 108.7 326.1



#70
Styrene
Concen: 51.823 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN057952.D
Acq: 12 Sep 2019 2:03

Tgt Ion:104 Resp: 739524
Ion Ratio Lower Upper
104 100
78 51.8 41.3 61.9
103 54.3 43.7 65.5





#71

Bromoform

Concen: 51.091 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. 0.00 min

Lab File: VN057952.D

Acq: 12 Sep 2019 2:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

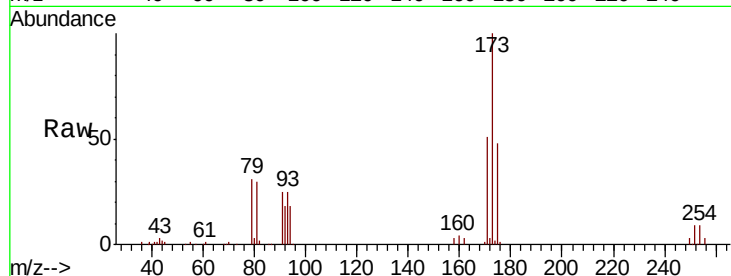
Tgt Ion:173 Resp: 143606

Ion Ratio Lower Upper

173 100

175 47.5 23.5 70.6

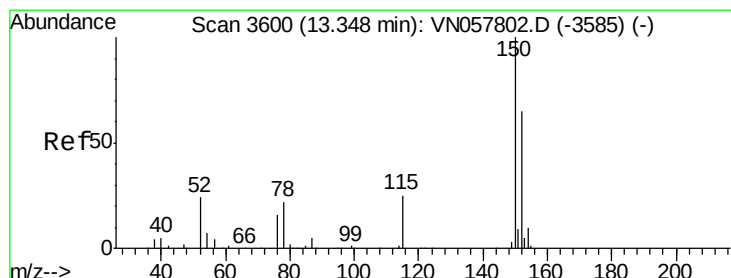
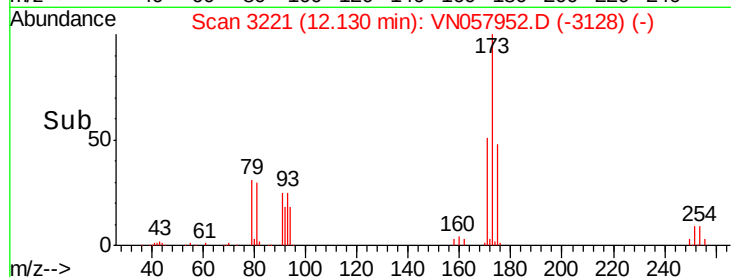
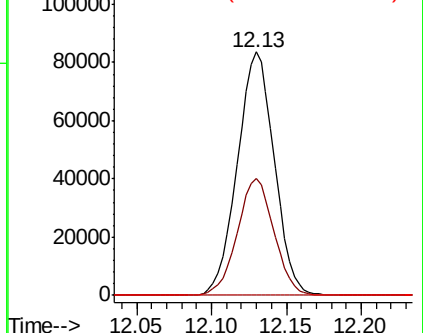
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057952.D

Acq: 12 Sep 2019 2:03

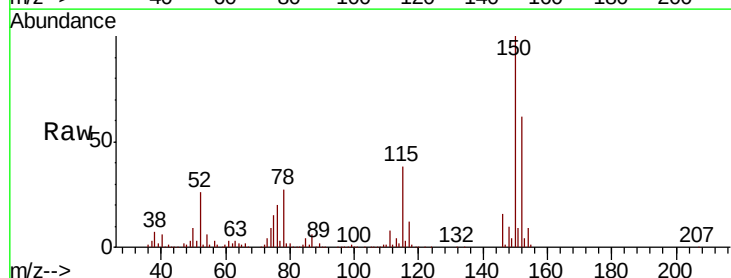
Tgt Ion:152 Resp: 302792

Ion Ratio Lower Upper

152 100

115 62.0 30.3 91.0

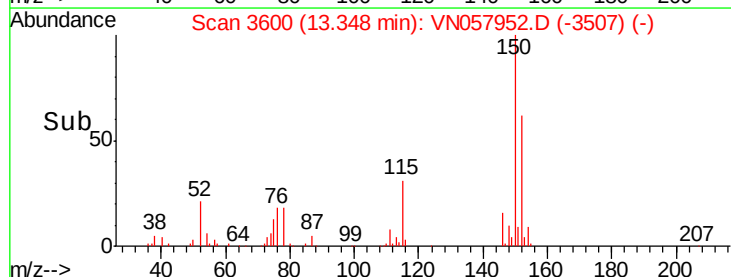
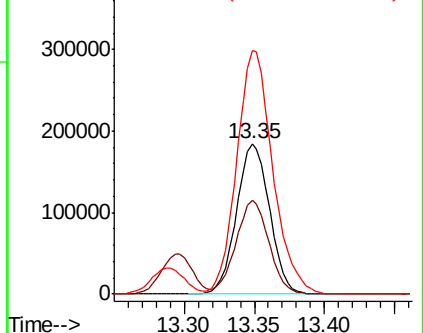
150 176.3 0.0 352.4

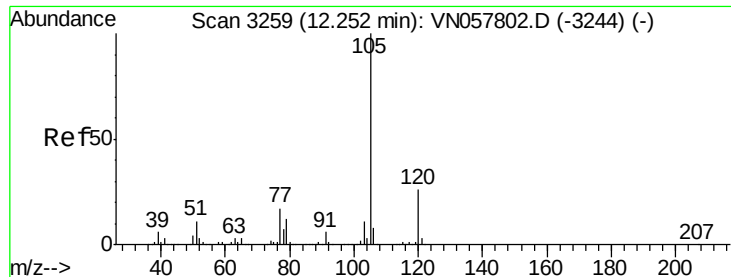


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.700 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN057952.D

Acq: 12 Sep 2019 2:03

Instrument :

MSVOA_N

ClientSampleId :

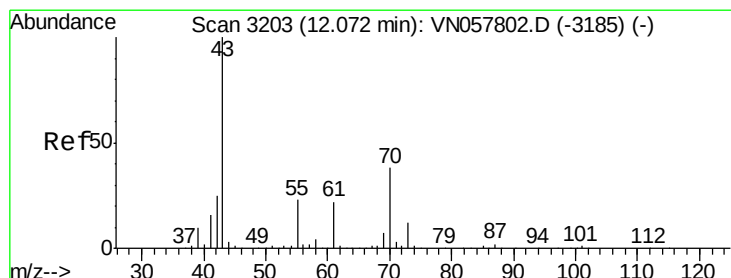
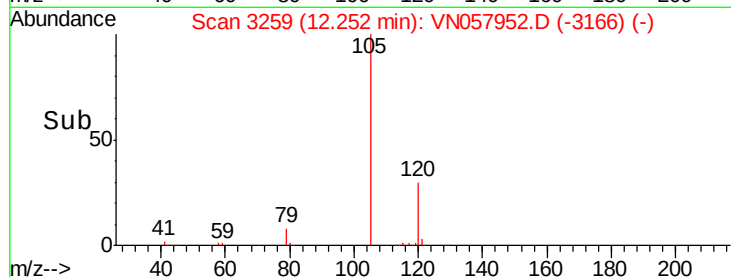
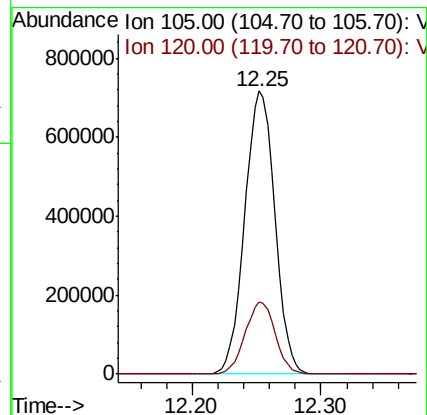
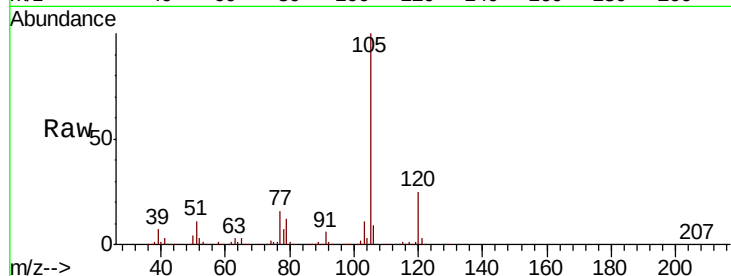
VSTDCCC050EC

Tgt Ion: 105 Resp: 1167735

Ion Ratio Lower Upper

105 100

120 25.5 12.8 38.4



#74

N-ethyl acetate

Concen: 49.491 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN057952.D

Acq: 12 Sep 2019 2:03

Tgt Ion: 43 Resp: 506067

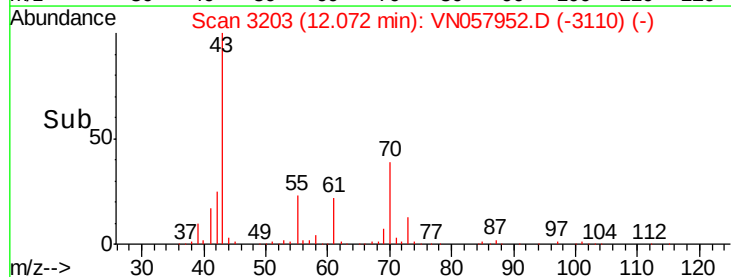
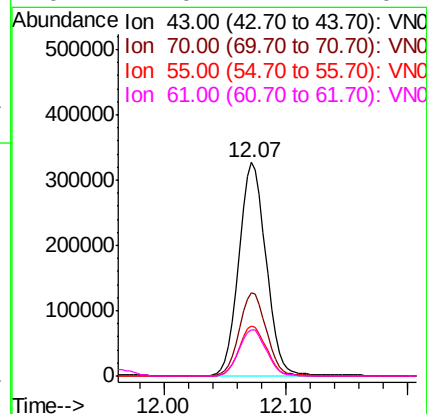
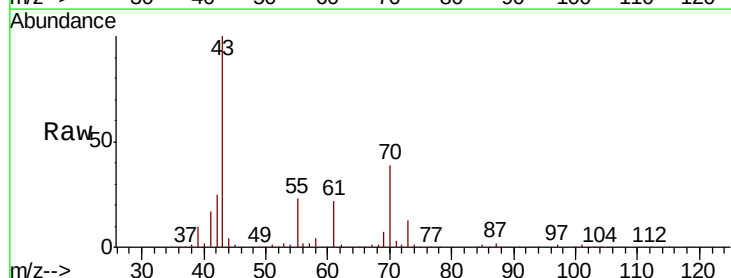
Ion Ratio Lower Upper

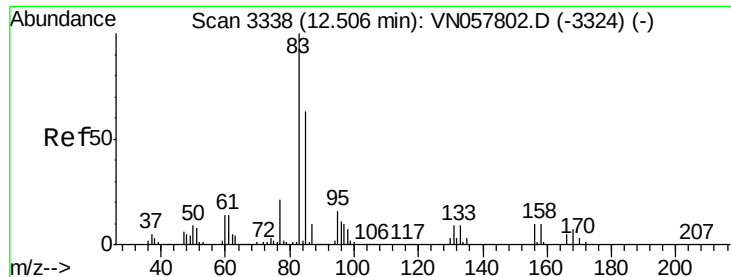
43 100

70 39.1 30.6 45.8

55 23.7 18.6 27.8

61 22.0 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 47.022 ug/l

RT: 12.51 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN057952.D

Acq: 12 Sep 2019 2:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

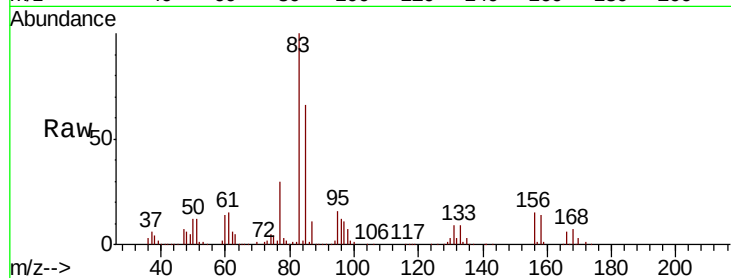
Tgt Ion: 83 Resp: 371992

Ion Ratio Lower Upper

83 100

131 9.8 4.8 14.3

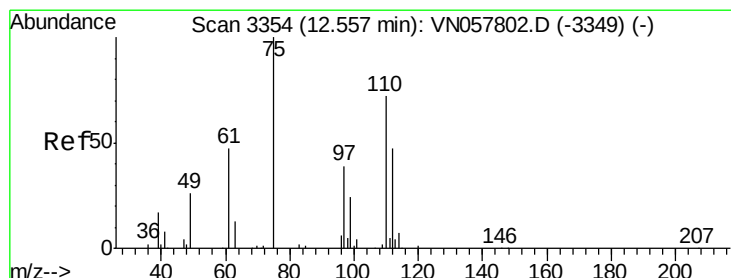
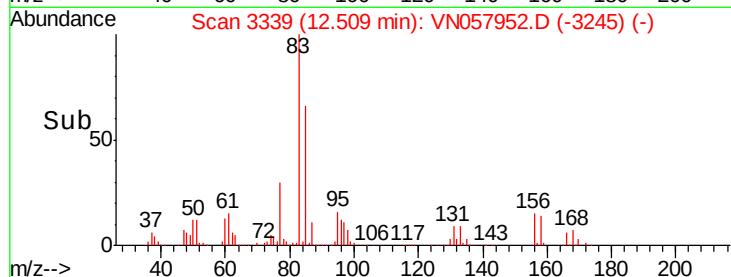
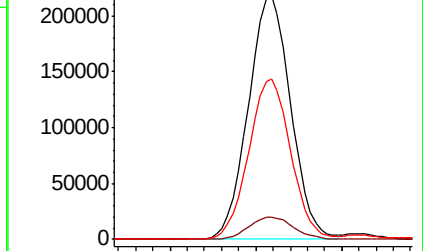
85 65.2 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VN057802.D (-3324) (-)

Ion 130.80 (130.50 to 131.50): VN057802.D (-3324) (-)

Ion 84.90 (84.60 to 85.60): VN057802.D (-3324) (-)



#76

1,2,3-Trichloropropane

Concen: 64.140 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN057952.D

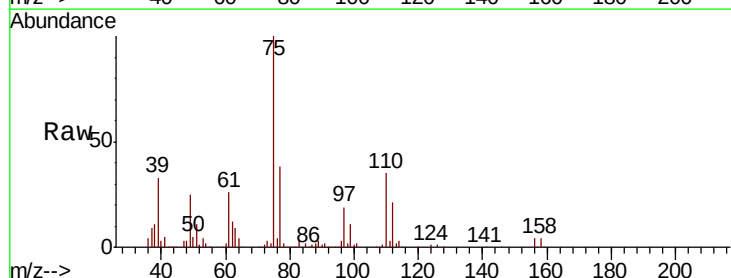
Acq: 12 Sep 2019 2:03

Tgt Ion: 75 Resp: 439338

Ion Ratio Lower Upper

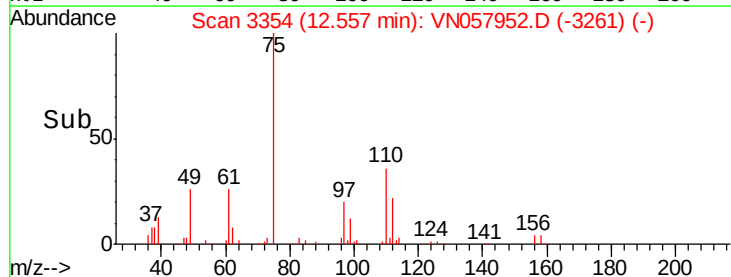
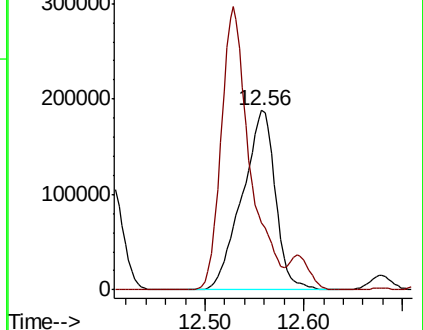
75 100

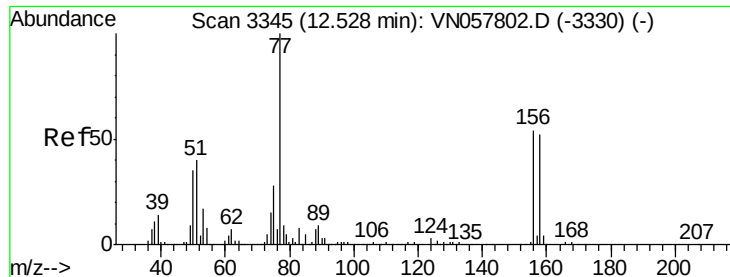
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN057802.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN057802.D (-3349) (-)





#77

Bromobenzene

Concen: 46.607 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN057952.D

Acq: 12 Sep 2019 2:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

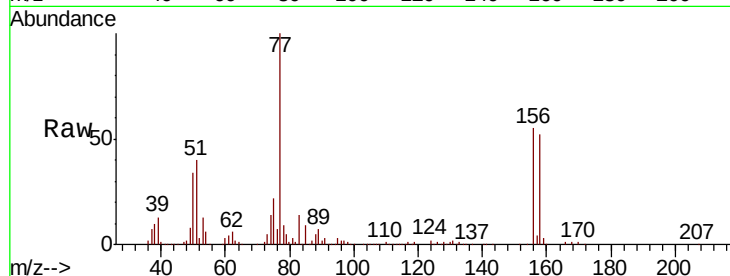
Tgt Ion:156 Resp: 273021

Ion Ratio Lower Upper

156 100

77 221.7 113.7 341.1

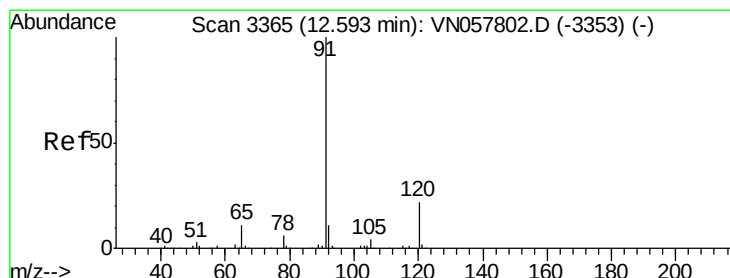
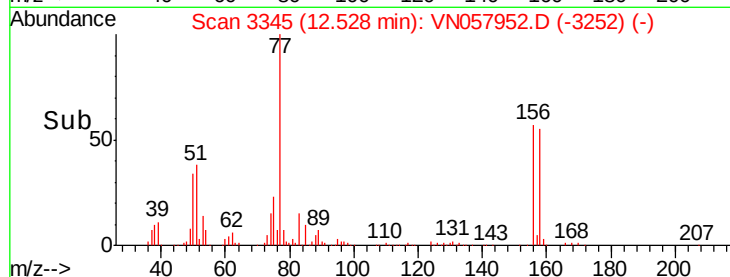
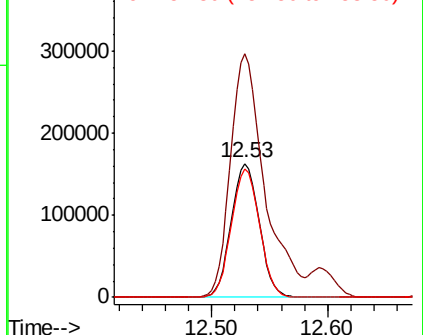
158 96.1 48.5 145.6



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: 50.487 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN057952.D

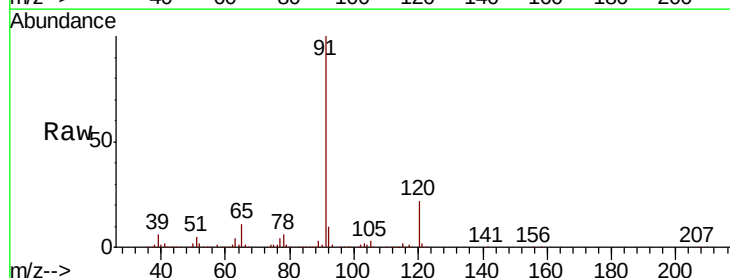
Acq: 12 Sep 2019 2:03

Tgt Ion: 91 Resp: 1362153

Ion Ratio Lower Upper

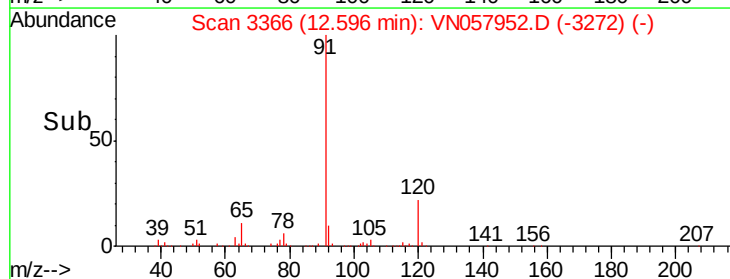
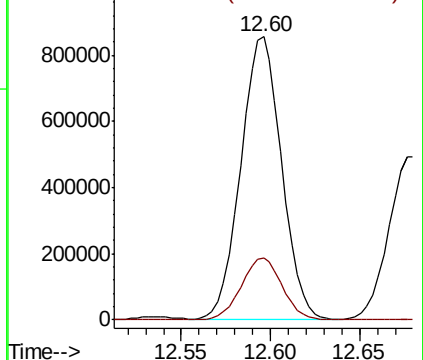
91 100

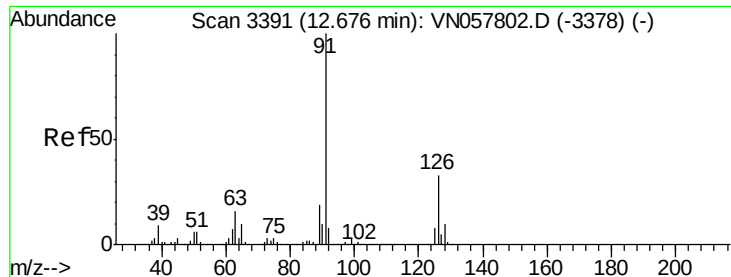
120 21.9 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.673 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057952.D

Acq: 12 Sep 2019 2:03

Instrument :

MSVOA_N

ClientSampleId :

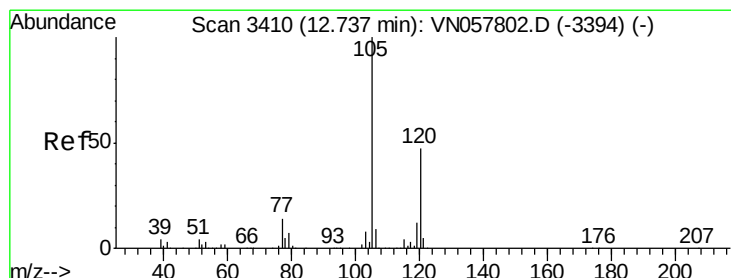
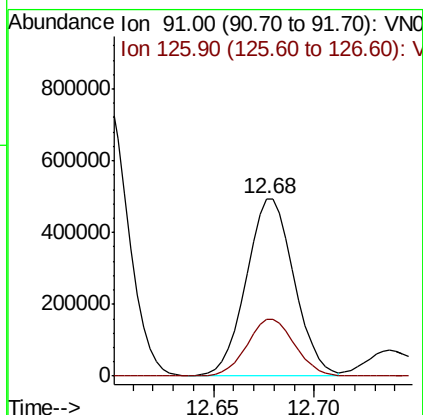
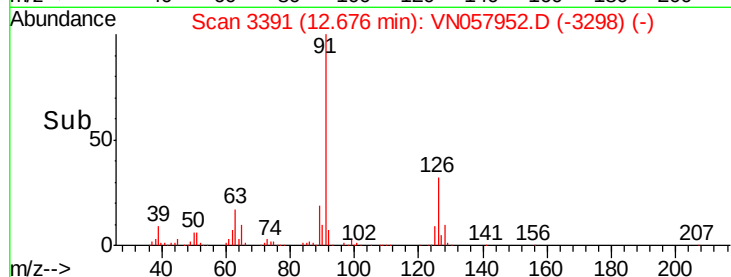
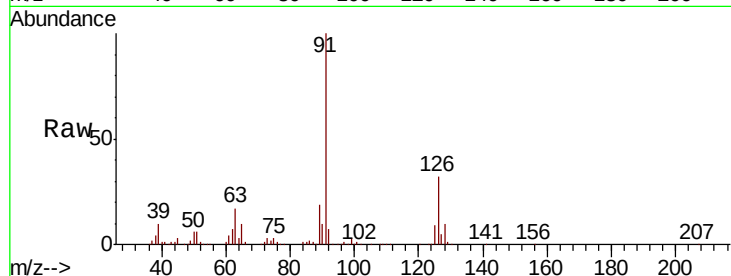
VSTDCCC050EC

Tgt Ion: 91 Resp: 812943

Ion Ratio Lower Upper

91 100

126 32.5 16.4 49.2



#80

1,3,5-Trimethylbenzene

Concen: 50.145 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN057952.D

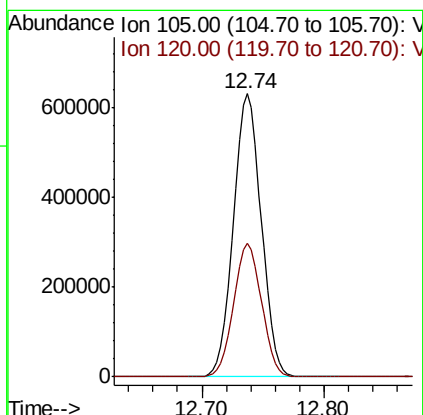
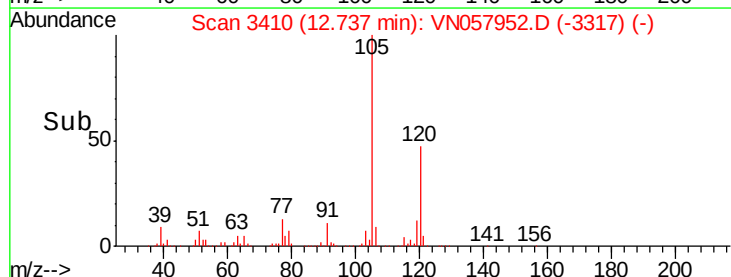
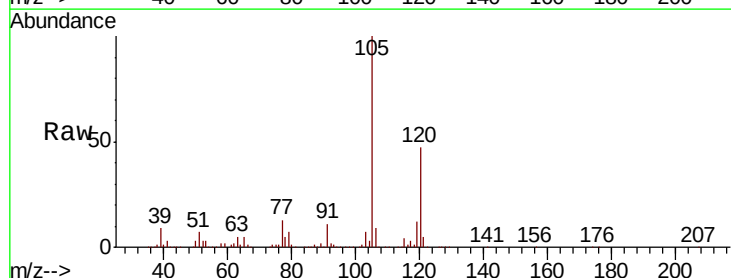
Acq: 12 Sep 2019 2:03

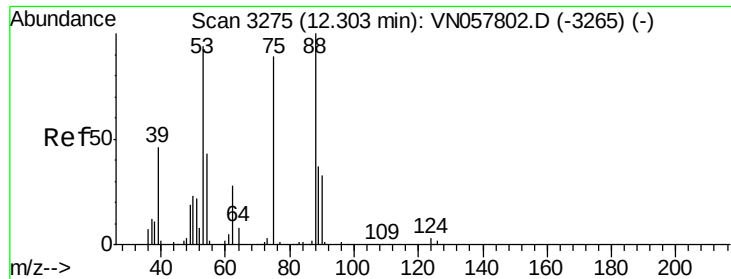
Tgt Ion: 105 Resp: 995506

Ion Ratio Lower Upper

105 100

120 47.2 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 42.892 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN057952.D

Acq: 12 Sep 2019 2:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

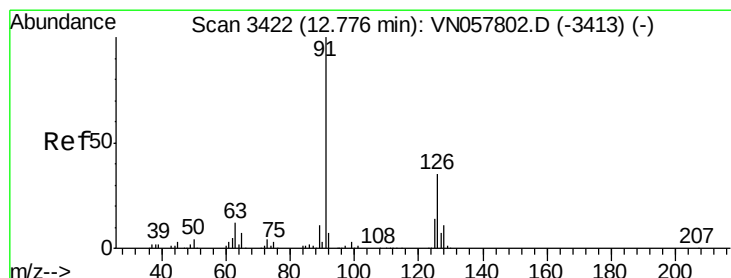
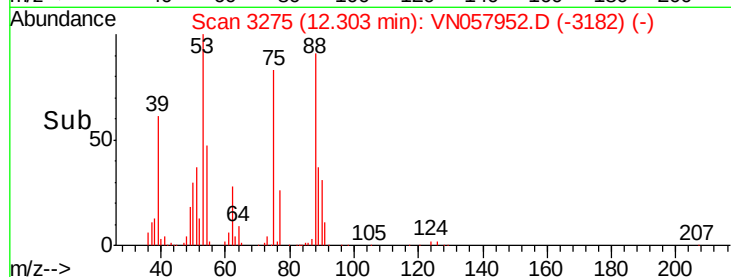
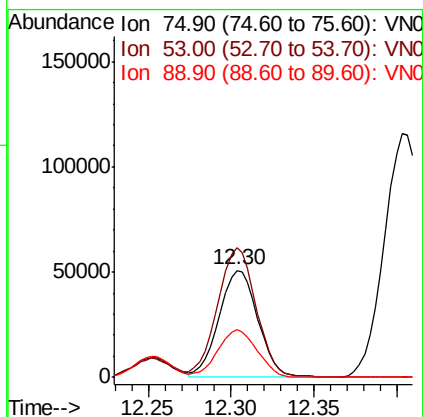
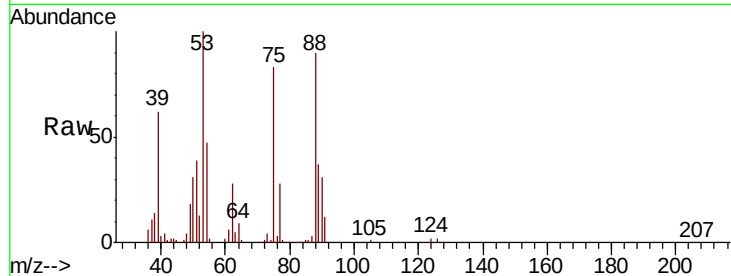
Tgt Ion: 75 Resp: 83488

Ion Ratio Lower Upper

75 100

53 120.8 88.4 132.6

89 45.0 35.3 52.9



#82

4-Chlorotoluene

Concen: 48.516 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN057952.D

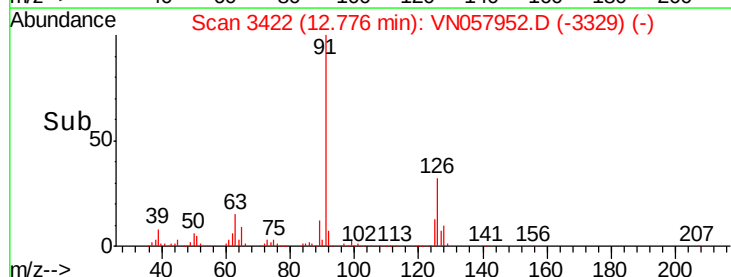
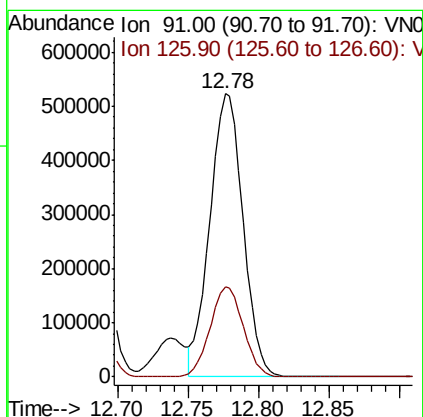
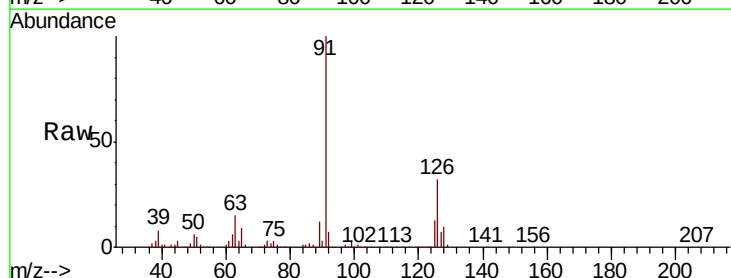
Acq: 12 Sep 2019 2:03

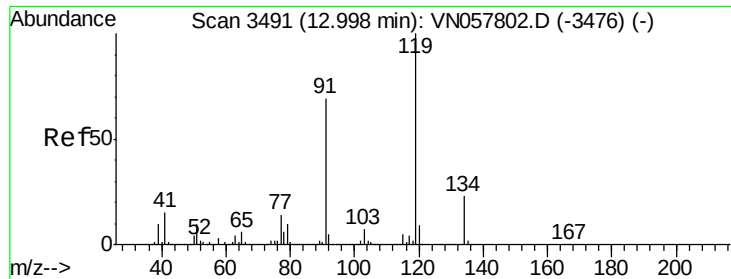
Tgt Ion: 91 Resp: 849597

Ion Ratio Lower Upper

91 100

126 31.9 16.0 48.0

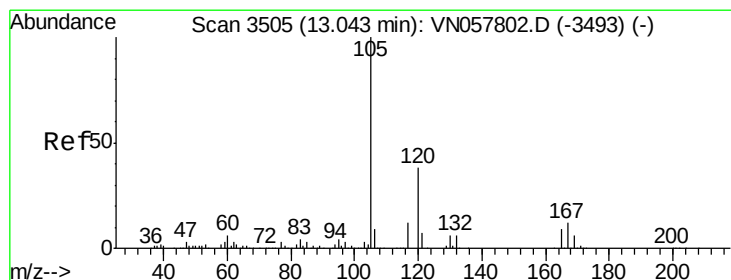
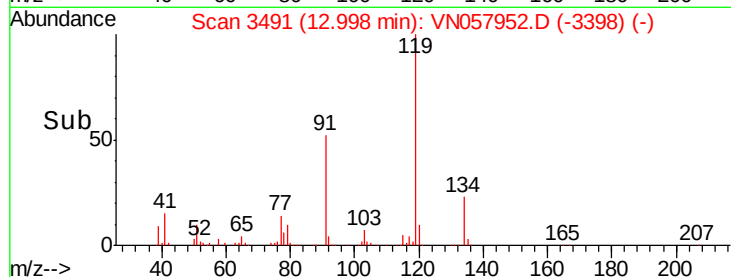
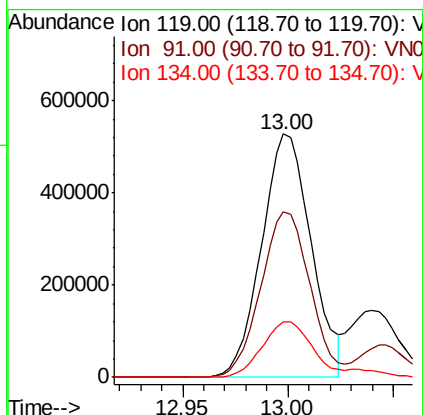
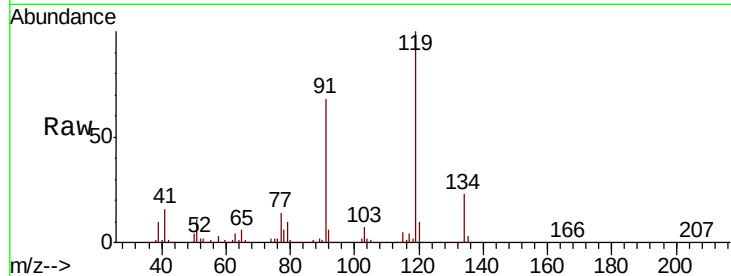




#83
 tert-Butylbenzene
 Concen: 48.918 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN057952.D
 Acq: 12 Sep 2019 2:03

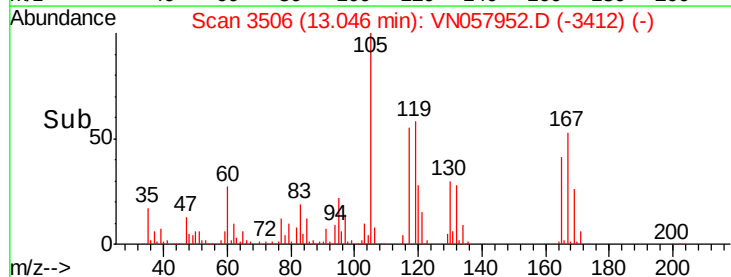
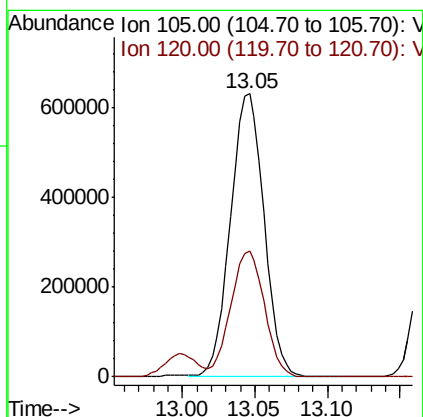
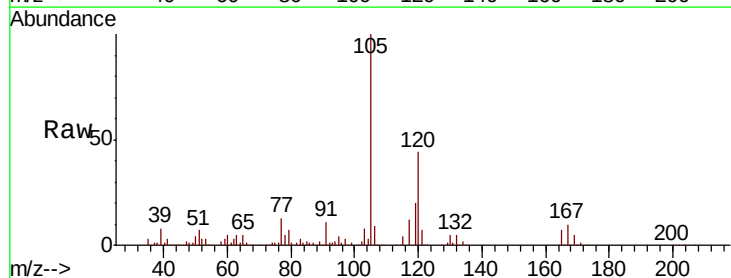
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

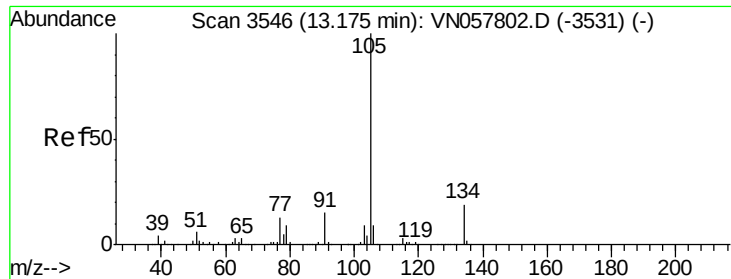
Tgt Ion:119 Resp: 863248
 Ion Ratio Lower Upper
 119 100
 91 67.6 33.6 100.8
 134 25.5 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 50.106 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN057952.D
 Acq: 12 Sep 2019 2:03

Tgt Ion:105 Resp: 1010992
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.4 67.2





#85

sec-Butylbenzene

Concen: 50.094 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN057952.D

Acq: 12 Sep 2019 2:03

Instrument :

MSVOA_N

ClientSampleId :

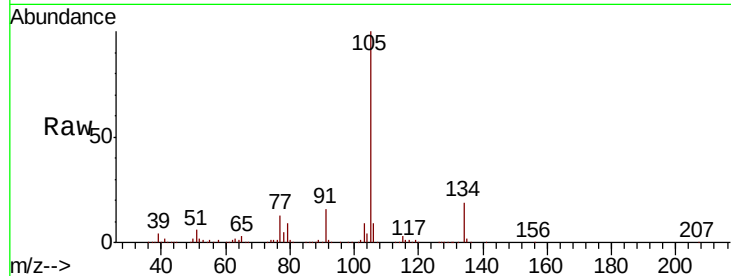
VSTDCCC050EC

Tgt Ion:105 Resp: 1171684

Ion Ratio Lower Upper

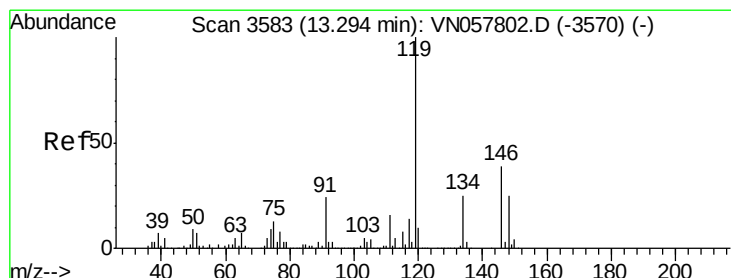
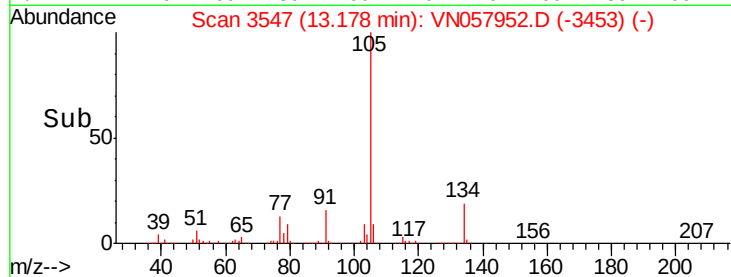
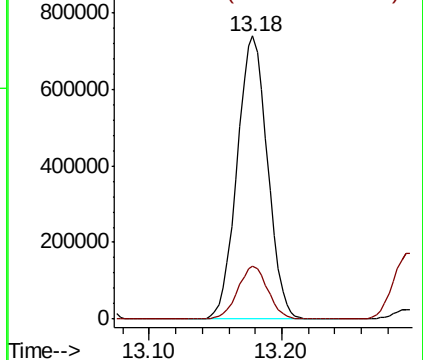
105 100

134 18.5 9.6 28.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.990 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN057952.D

Acq: 12 Sep 2019 2:03

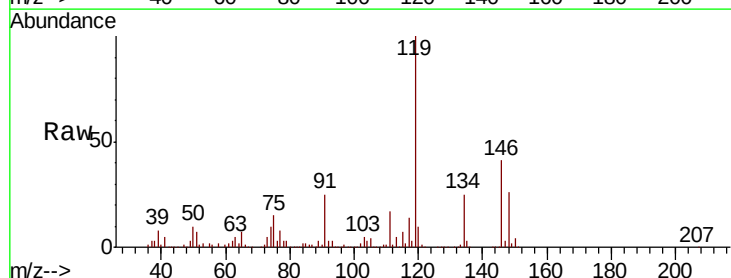
Tgt Ion:119 Resp: 1050847

Ion Ratio Lower Upper

119 100

134 25.6 12.5 37.5

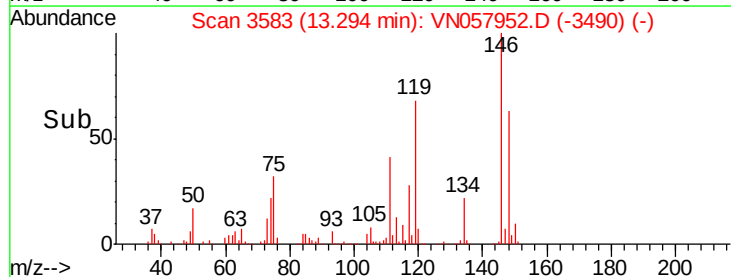
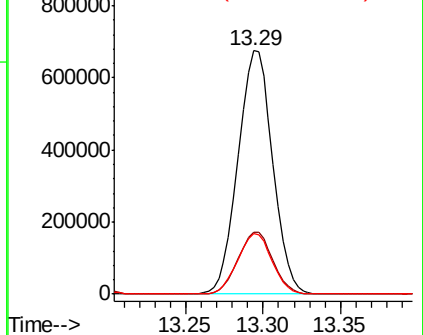
91 24.6 12.3 36.8

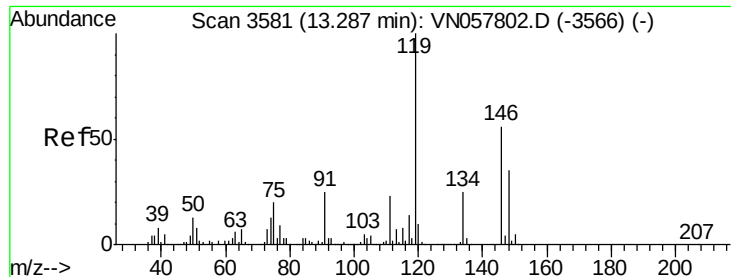


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

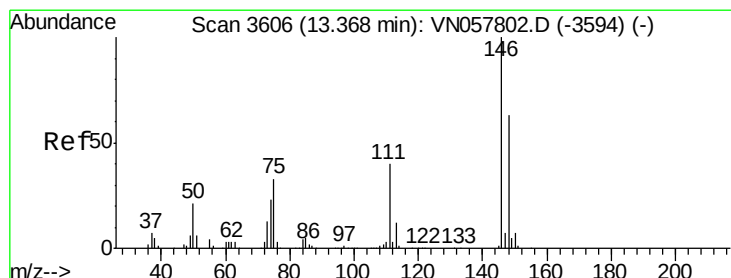
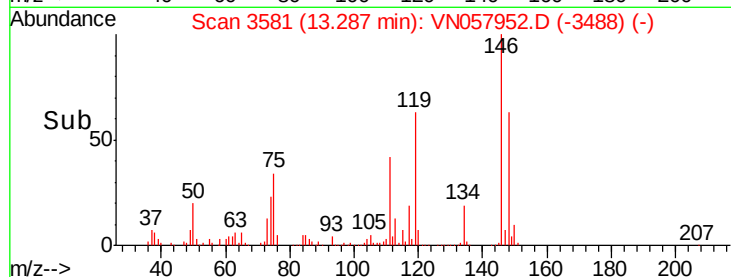
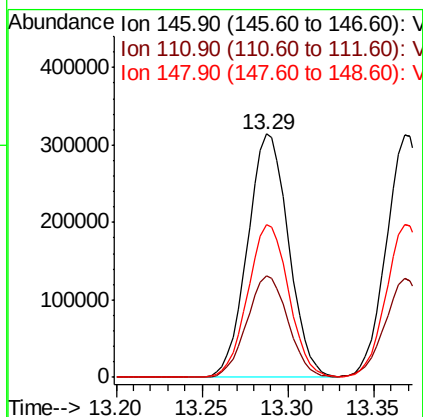
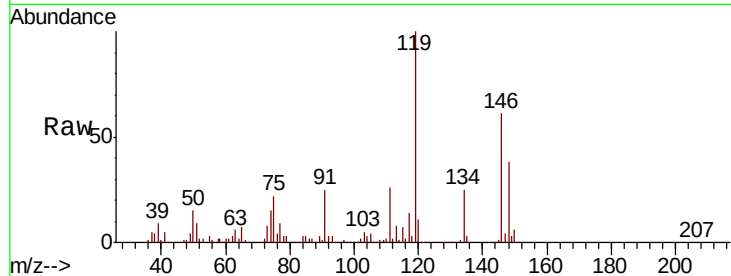




#87
 1,3-Dichlorobenzene
 Concen: 48.315 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN057952.D
 Acq: 12 Sep 2019 2:03

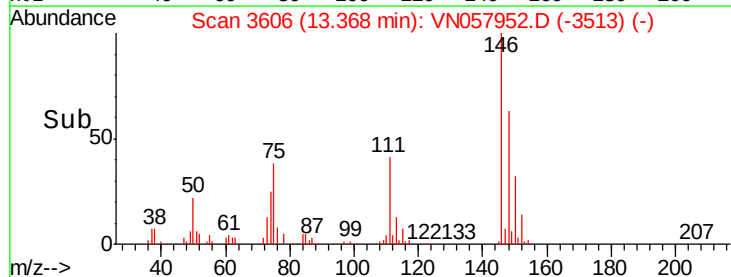
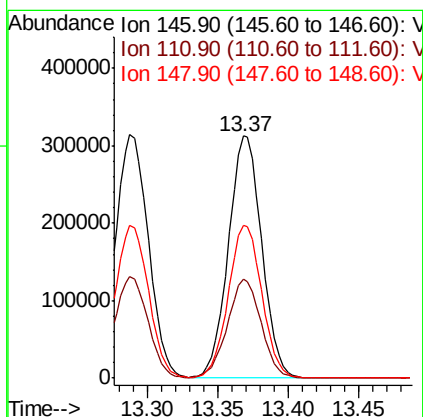
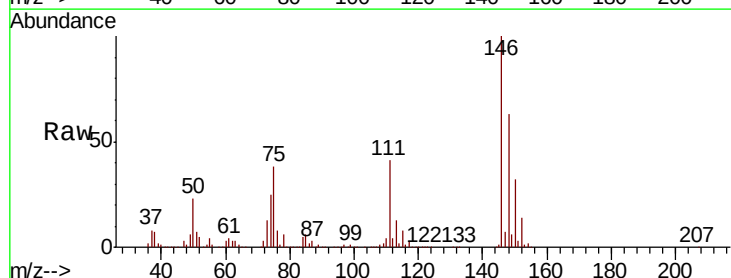
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

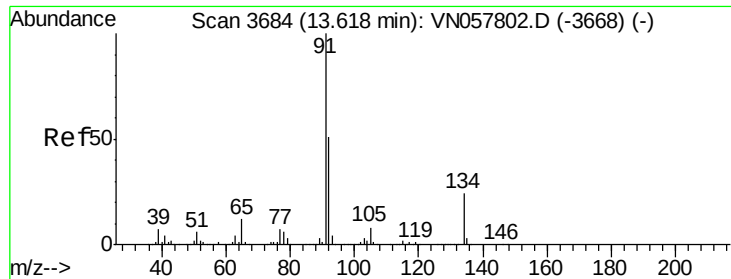
Tgt Ion:146 Resp: 519503
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.5 61.6
 148 62.7 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 47.302 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN057952.D
 Acq: 12 Sep 2019 2:03

Tgt Ion:146 Resp: 516266
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.4 61.2
 148 63.2 31.8 95.4





#89

n-Butylbenzene

Concen: 49.734 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN057952.D

Acq: 12 Sep 2019 2:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

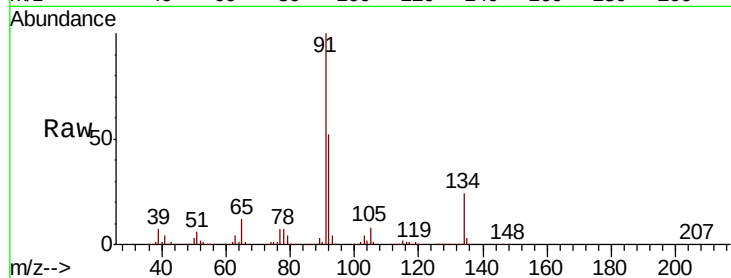
Tgt Ion: 91 Resp: 967923

Ion Ratio Lower Upper

91 100

92 51.1 25.7 77.0

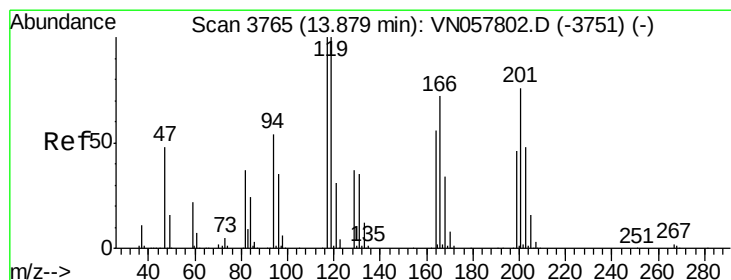
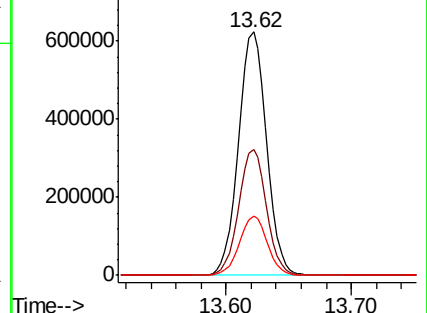
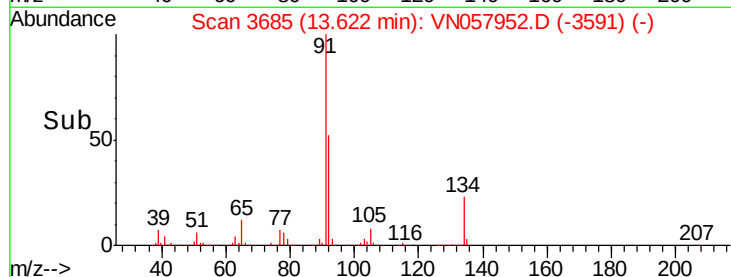
134 24.1 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VN057802.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN057802.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN057802.D (-3668) (-)



#90

Hexachloroethane

Concen: 50.088 ug/l

RT: 13.88 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN057952.D

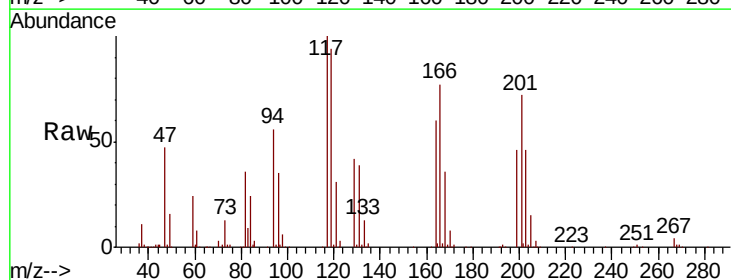
Acq: 12 Sep 2019 2:03

Tgt Ion: 117 Resp: 153517

Ion Ratio Lower Upper

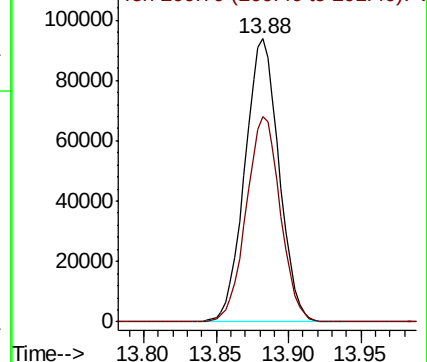
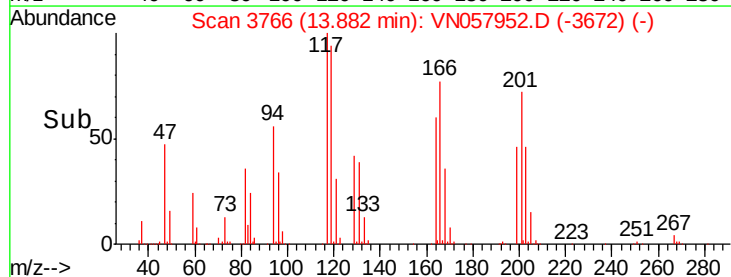
117 100

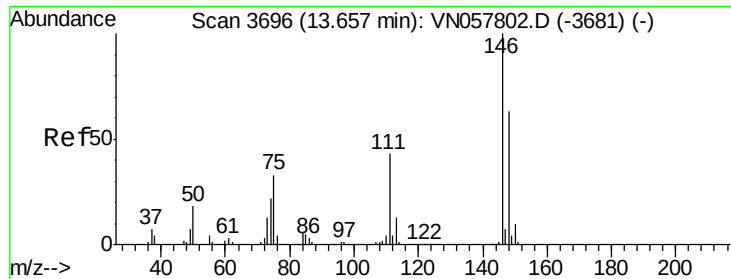
201 72.3 37.5 112.7



Abundance Ion 116.80 (116.50 to 117.50): VN057802.D (-3751) (-)

Ion 200.70 (200.40 to 201.40): VN057802.D (-3751) (-)

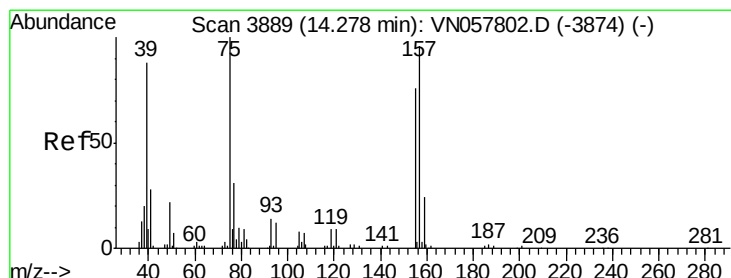
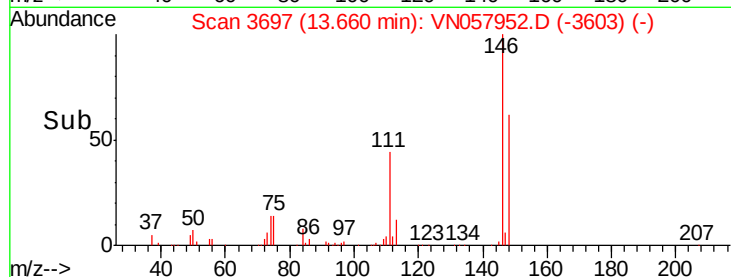
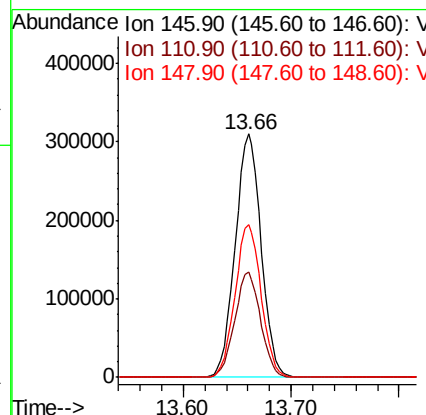
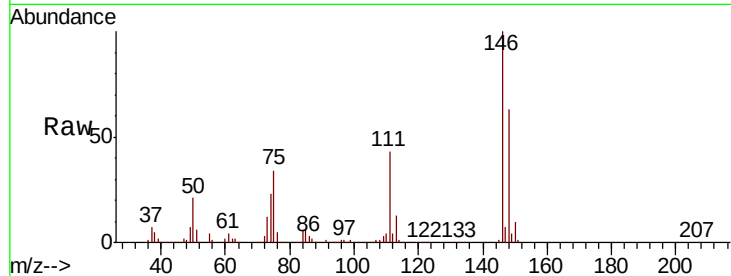




#91
 1,2-Dichlorobenzene
 Concen: 48.457 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN057952.D
 Acq: 12 Sep 2019 2:03

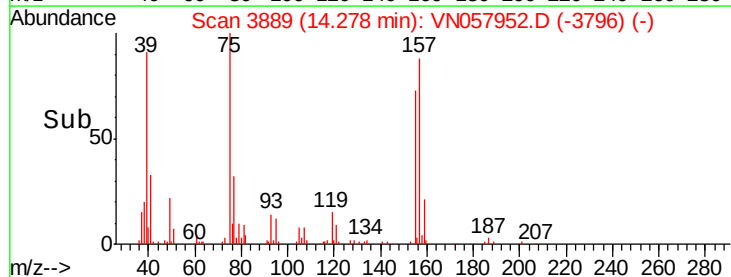
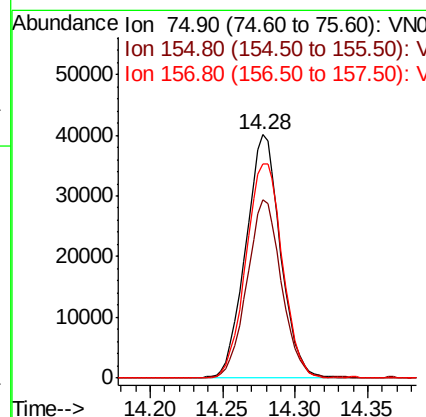
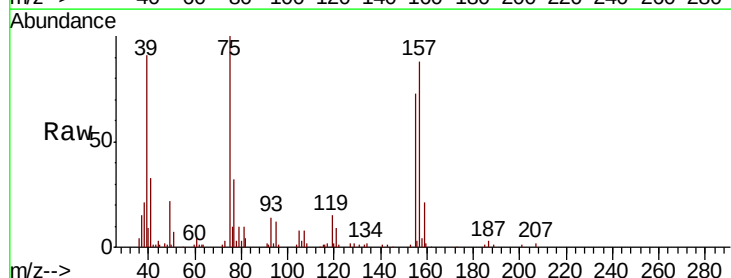
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

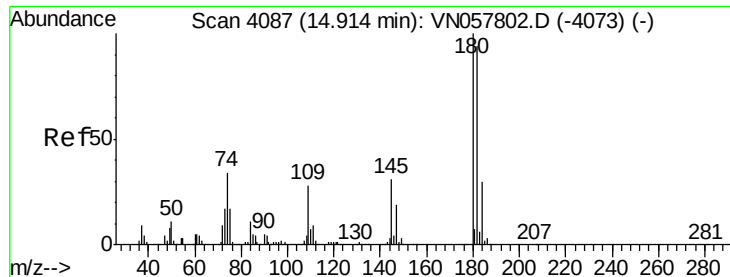
Tgt Ion: 146 Resp: 520530
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.3 63.9
 148 63.0 31.4 94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.098 ug/l
 RT: 14.28 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN057952.D
 Acq: 12 Sep 2019 2:03

Tgt Ion: 75 Resp: 66757
 Ion Ratio Lower Upper
 75 100
 155 72.7 37.3 111.8
 157 92.5 47.9 143.8

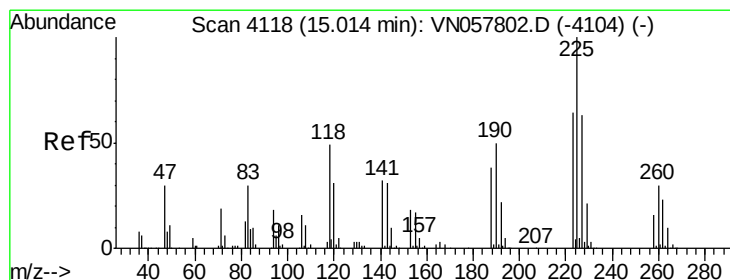
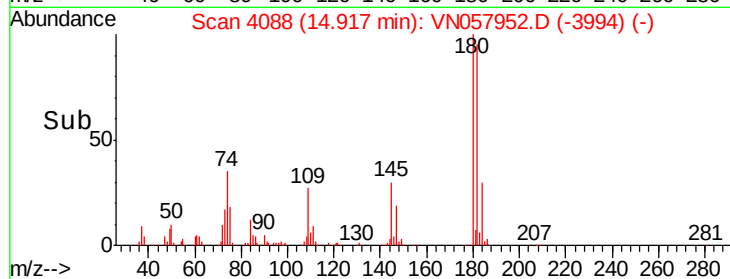
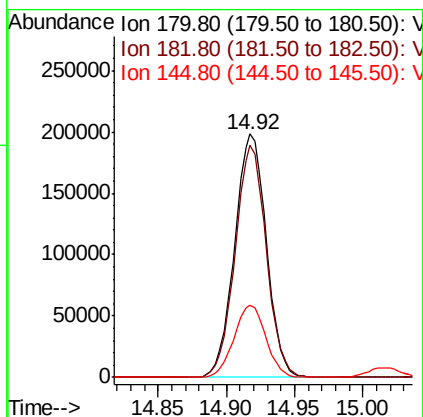
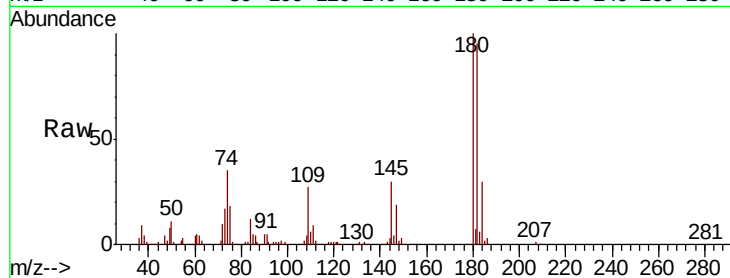




#93
 1,2,4-Trichlorobenzene
 Concen: 45.503 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN057952.D
 Acq: 12 Sep 2019 2:03

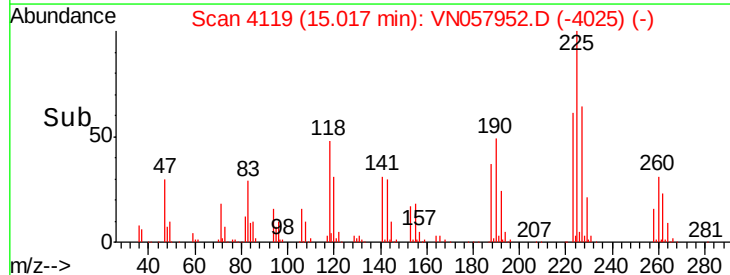
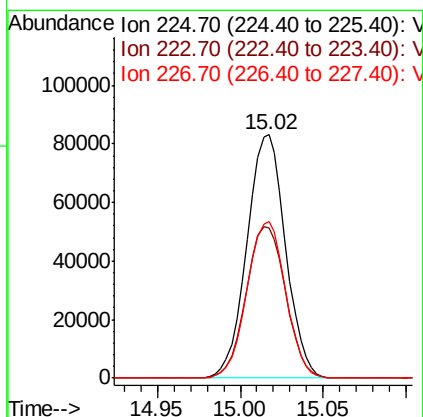
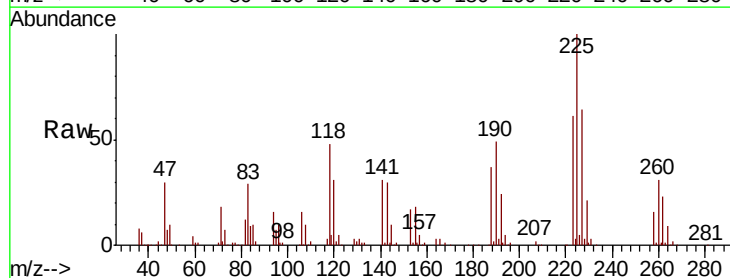
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

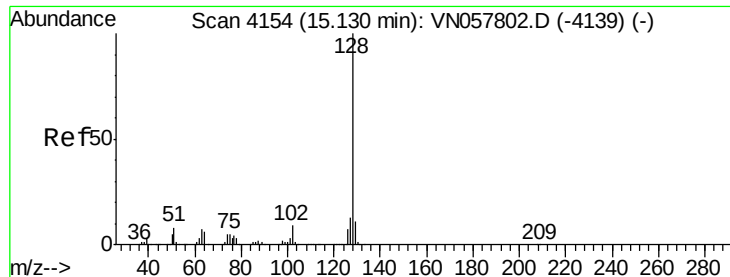
Tgt Ion:180 Resp: 319488
 Ion Ratio Lower Upper
 180 100
 182 93.7 46.9 140.8
 145 29.9 14.9 44.7



#94
 Hexachlorobutadiene
 Concen: 45.136 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN057952.D
 Acq: 12 Sep 2019 2:03

Tgt Ion:225 Resp: 134338
 Ion Ratio Lower Upper
 225 100
 223 63.8 32.4 97.2
 227 64.6 31.8 95.4

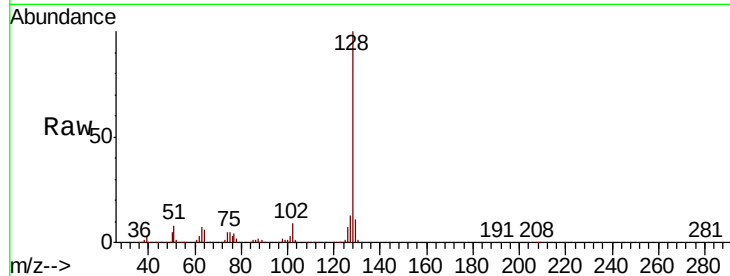




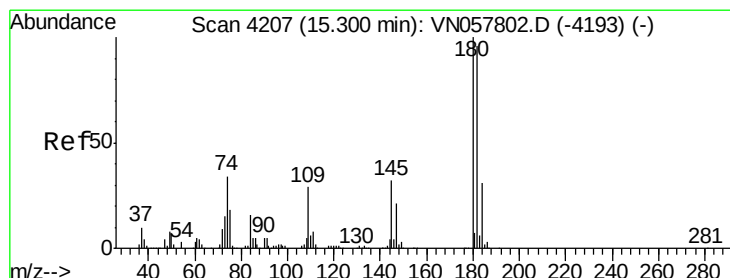
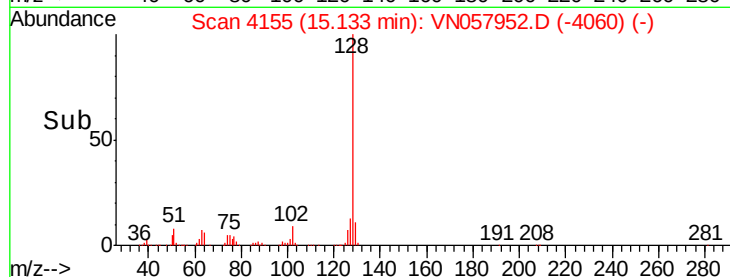
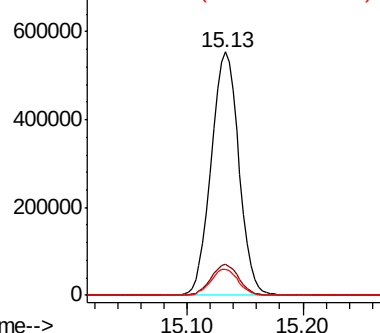
#95
Naphthalene
Concen: 51.863 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN057952.D
Acq: 12 Sep 2019 2:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 918266
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.6 12.8

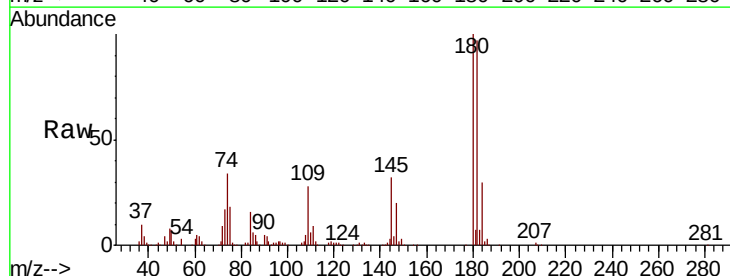


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 49.698 ug/l
RT: 15.30 min Scan# 4207
Delta R.T. 0.00 min
Lab File: VN057952.D
Acq: 12 Sep 2019 2:03

Tgt Ion:180 Resp: 304589
Ion Ratio Lower Upper
180 100
182 95.7 48.3 144.8
145 31.8 16.3 48.8



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

