

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090219\
 Data File : VN057659.D
 Acq On : 1 Sep 2019 21:32
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 02 01:58:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 15:54:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	181230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	298055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	279164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	136246	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	214716	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
35) Dibromofluoromethane	7.58	113	136705	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
50) Toluene-d8	10.09	98	525627	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
62) 4-Bromofluorobenzene	12.40	95	204074	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.84	85	157057	54.194	ug/l	96
3) Chloromethane	2.05	50	170451	51.019	ug/l	98
4) Vinyl Chloride	2.18	62	136986	52.348	ug/l	99
5) Bromomethane	2.51	94	84996	51.334	ug/l	96
6) Chloroethane	2.66	64	77682	53.146	ug/l	99
7) Trichlorofluoromethane	2.99	101	193921	52.793	ug/l	99
8) Diethyl Ether	3.40	74	63570	52.301	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	95242	51.144	ug/l	99
10) Methyl Iodide	3.92	142	129734	53.957	ug/l	98
11) Tert butyl alcohol	4.82	59	108465	252.601	ug/l #	96
12) 1,1-Dichloroethene	3.71	96	88329	52.325	ug/l	96
13) Acrolein	3.59	56	36633	214.568	ug/l	93
14) Allyl chloride	4.29	41	253994	48.230	ug/l	95
15) Acrylonitrile	4.98	53	334357	259.501	ug/l	100
16) Acetone	3.81	43	255240	222.461	ug/l	97
17) Carbon Disulfide	4.02	76	261823	47.976	ug/l	99
18) Methyl Acetate	4.31	43	197539	50.143	ug/l	98
19) Methyl tert-butyl Ether	5.03	73	459645	52.630	ug/l	98
20) Methylene Chloride	4.52	84	153270	53.960	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	133605	53.236	ug/l	98
22) Diisopropyl ether	5.94	45	560145	51.741	ug/l	97
23) Vinyl Acetate	5.88	43	2213920	266.093	ug/l	100
24) 1,1-Dichloroethane	5.82	63	283196	52.112	ug/l	99
25) 2-Butanone	6.83	43	473159	247.490	ug/l	98
26) 2,2-Dichloropropane	6.81	77	178582	41.113	ug/l	98
27) cis-1,2-Dichloroethene	6.81	96	154401	51.520	ug/l	99
28) Bromochloromethane	7.18	49	152328	52.637	ug/l	99
29) Tetrahydrofuran	7.20	42	311341	259.572	ug/l	99
30) Chloroform	7.36	83	292461	53.049	ug/l	97
31) Cyclohexane	7.63	56	267448	49.310	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	239693	53.002	ug/l	99
36) 1,1-Dichloropropene	7.78	75	209692	53.065	ug/l	98
37) Ethyl Acetate	6.92	43	208129	55.292	ug/l	100
38) Carbon Tetrachloride	7.76	117	187101	52.895	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	241128	51.648	ug/l	96
40) Benzene	8.03	78	604754	52.575	ug/l	100
41) Methacrylonitrile	7.16	41	93484	44.566	ug/l #	88
42) 1,2-Dichloroethane	8.11	62	263800	56.463	ug/l	99
43) Isopropyl Acetate	8.16	43	359559	53.093	ug/l	100
44) Trichloroethene	8.82	130	140397	53.804	ug/l	89
45) 1,2-Dichloropropane	9.11	63	169356	52.857	ug/l	97
46) Dibromomethane	9.20	93	104673	52.763	ug/l	99
47) Bromodichloromethane	9.40	83	209923	52.084	ug/l	100
48) Methyl methacrylate	9.19	41	185745	53.721	ug/l	98
49) 1,4-Dioxane	9.20	88	43832	1082.599	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1066361	274.732	ug/l	99
52) Toluene	10.15	92	371899	54.703	ug/l	96
53) t-1,3-Dichloropropene	10.38	75	203632	45.531	ug/l	95
54) cis-1,3-Dichloropropene	9.83	75	234708	47.548	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	139257	53.988	ug/l	97
56) Ethyl methacrylate	10.43	69	223971	52.032	ug/l	97
57) 1,3-Dichloropropane	10.71	76	246711	52.132	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	304623	241.889	ug/l	99
59) 2-Hexanone	10.75	43	747891	262.384	ug/l	98
60) Dibromochloromethane	10.90	129	130602	46.457	ug/l	99
61) 1,2-Dibromoethane	11.00	107	139282	53.626	ug/l	100
64) Tetrachloroethene	10.63	164	128563	53.186	ug/l	98
65) Chlorobenzene	11.43	112	370417	52.953	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	127570	52.290	ug/l	97
67) Ethyl Benzene	11.51	91	725210	53.357	ug/l	98
68) m/p-Xylenes	11.62	106	511952	106.917	ug/l	98
69) o-Xylene	11.95	106	248060	53.455	ug/l	99
70) Styrene	11.96	104	415966	49.816	ug/l	99
71) Bromoform	12.13	173	78456	44.106	ug/l #	100
73) Isopropylbenzene	12.25	105	694579	50.493	ug/l	98
74) N-amyl acetate	12.07	43	311797	48.029	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	200013	49.334	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	244891	68.331	ug/l #	100
77) Bromobenzene	12.53	156	150362	51.357	ug/l	97
78) n-propylbenzene	12.59	91	784109	51.214	ug/l	98
79) 2-Chlorotoluene	12.67	91	482561	50.546	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	580887	51.330	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	42685	40.826	ug/l	94
82) 4-Chlorotoluene	12.77	91	473363	50.091	ug/l	99
83) tert-Butylbenzene	12.99	119	487658	50.786	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	553487	50.553	ug/l	99
85) sec-Butylbenzene	13.17	105	653884	50.627	ug/l	100
86) p-Isopropyltoluene	13.29	119	532048	49.811	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	240900	50.506	ug/l	98
88) 1,4-Dichlorobenzene	13.37	146	232876	50.545	ug/l	98
89) n-Butylbenzene	13.62	91	481597	48.112	ug/l	99
90) Hexachloroethane	13.88	117	86368	46.575	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	235054	51.643	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30005	48.064	ug/l	96

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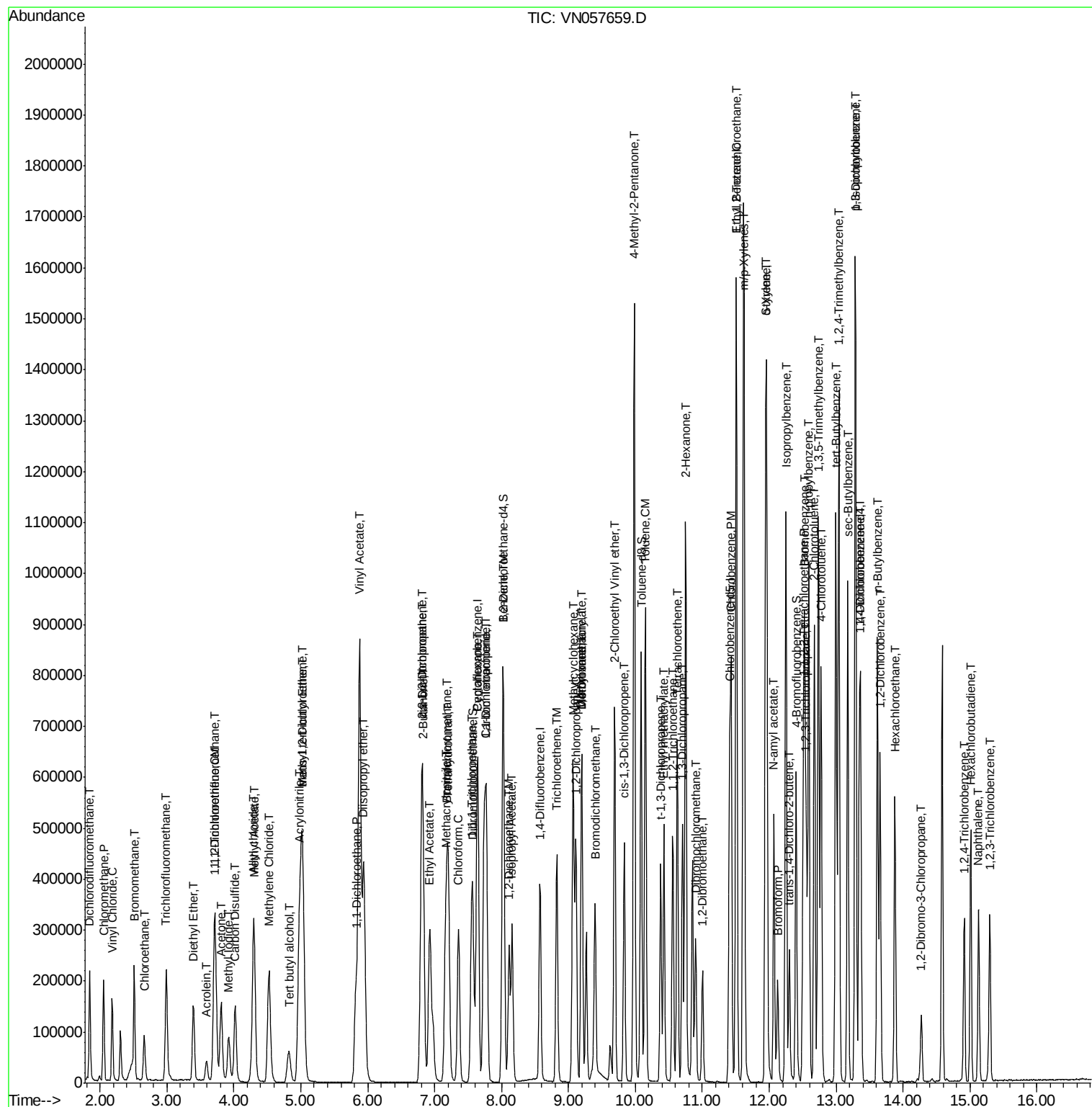
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	84910	44.146	ug/l	100
94) Hexachlorobutadiene	15.01	225	76379	48.901	ug/l	99
95) Naphthalene	15.13	128	250965	43.962	ug/l	98
96) 1,2,3-Trichlorobenzene	15.30	180	86138	44.580	ug/l	99

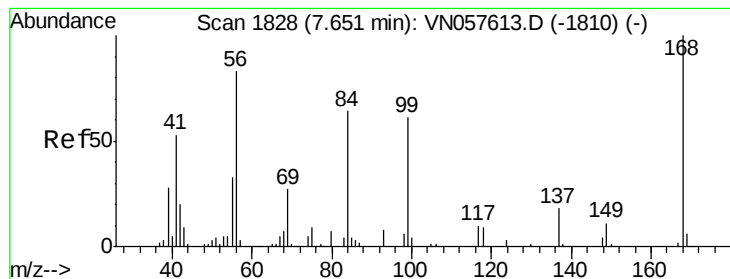
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN090219\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Instrument :

MSVOA_N

ClientSampleId :

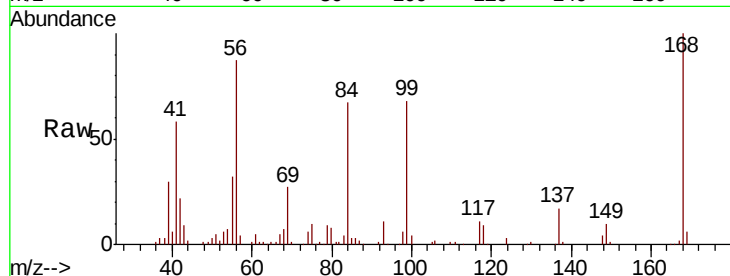
VSTDCCC050EC

Tgt Ion:168 Resp: 181230

Ion Ratio Lower Upper

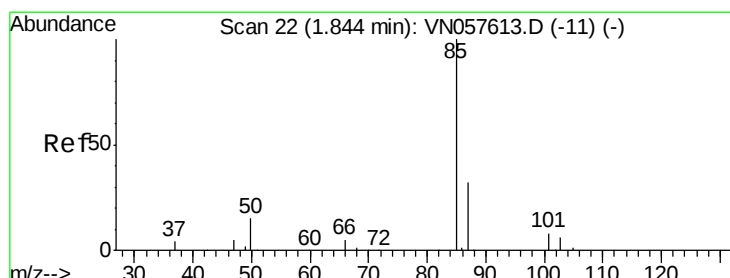
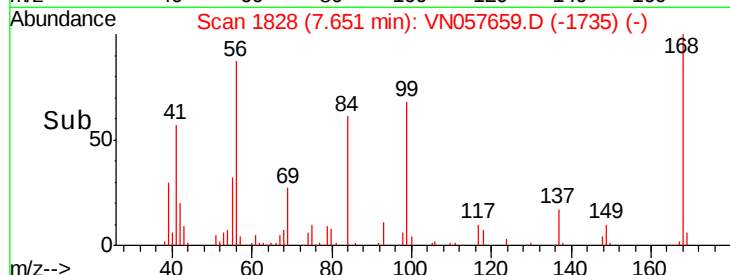
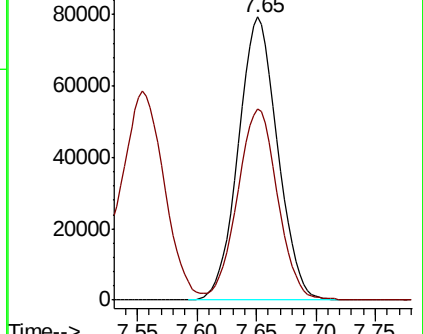
168 100

99 67.1 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 54.194 ug/l

RT: 1.84 min Scan# 22

Delta R.T. 0.00 min

Lab File: VN057659.D

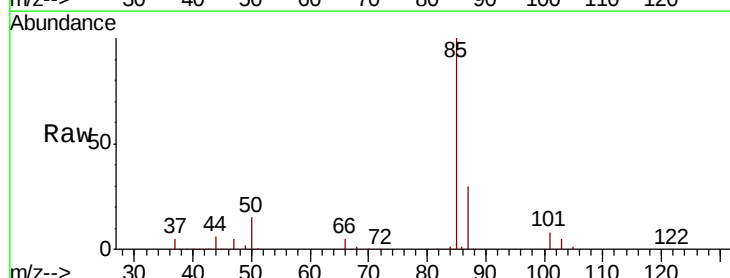
Acq: 1 Sep 2019 21:32

Tgt Ion: 85 Resp: 157057

Ion Ratio Lower Upper

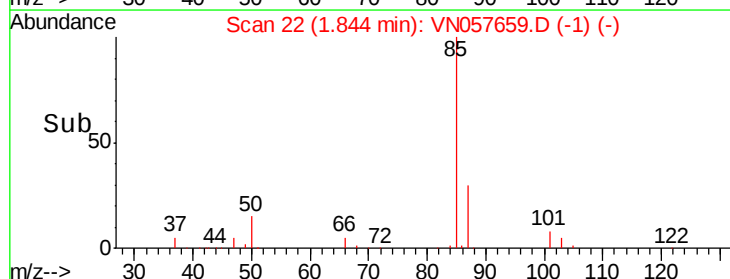
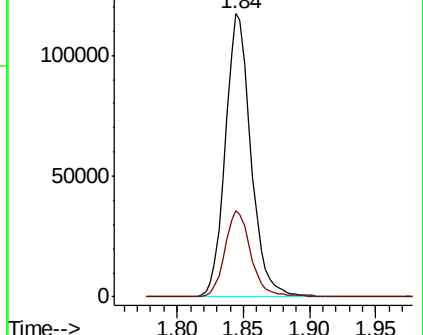
85 100

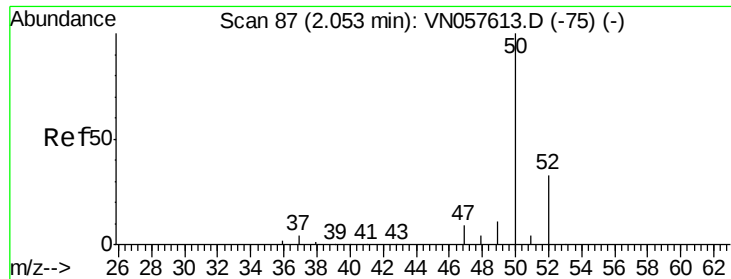
87 30.3 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 51.019 ug/l

RT: 2.05 min Scan# 87

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Instrument :

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ClientSampleId :

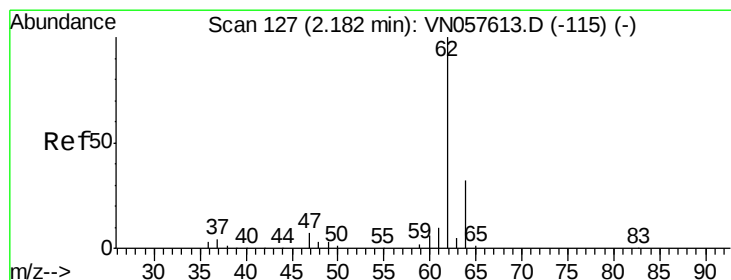
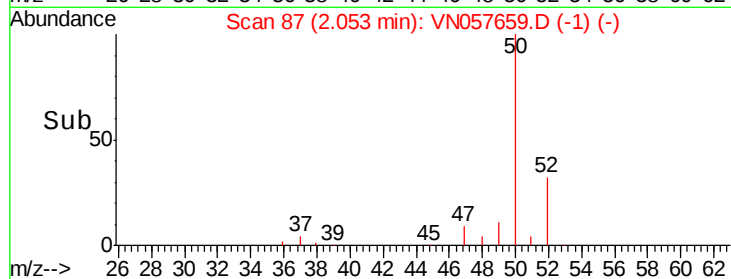
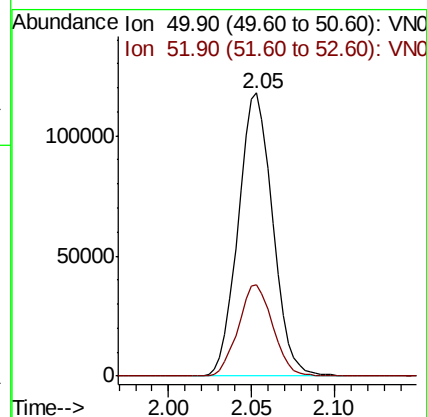
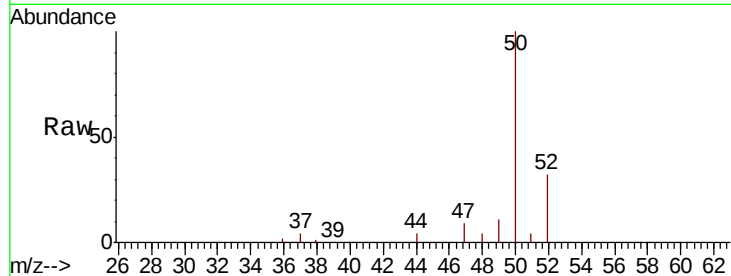
VSTDCCC050EC

Tgt Ion: 50 Resp: 170451

Ion Ratio Lower Upper

50 100

52 32.5 26.7 40.1



#4

Vinyl Chloride

Concen: 52.348 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN057659.D

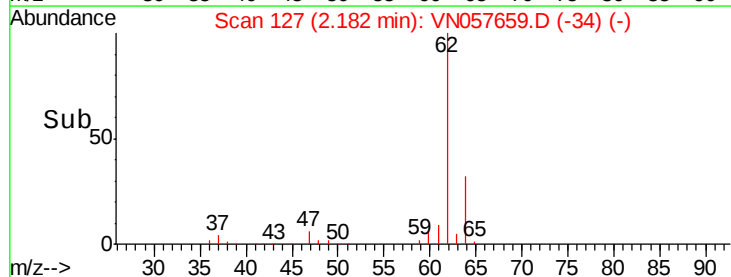
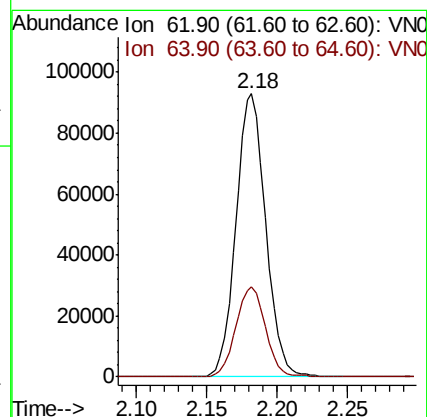
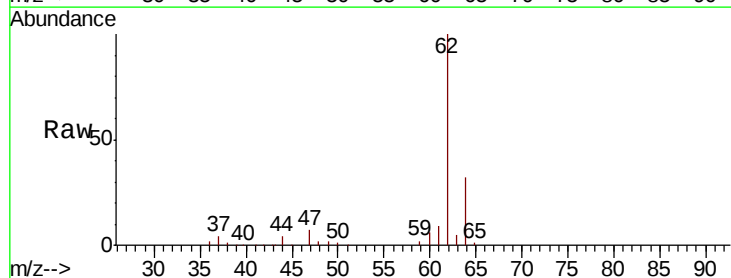
Acq: 1 Sep 2019 21:32

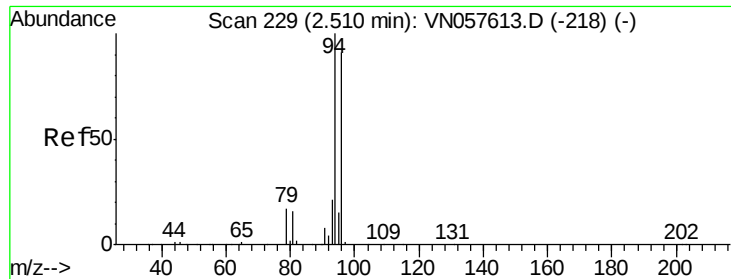
Tgt Ion: 62 Resp: 136986

Ion Ratio Lower Upper

62 100

64 31.9 25.2 37.8





#5

Bromomethane

Concen: 51.334 ug/l

RT: 2.51 min Scan# 229

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Instrument :

MSVOA_N

ClientSampleId :

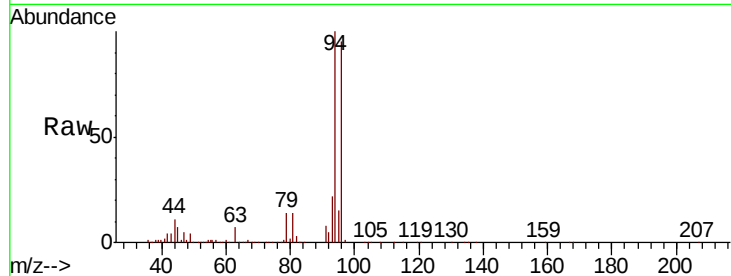
VSTDCCC050EC

Tgt Ion: 94 Resp: 84996

Ion Ratio Lower Upper

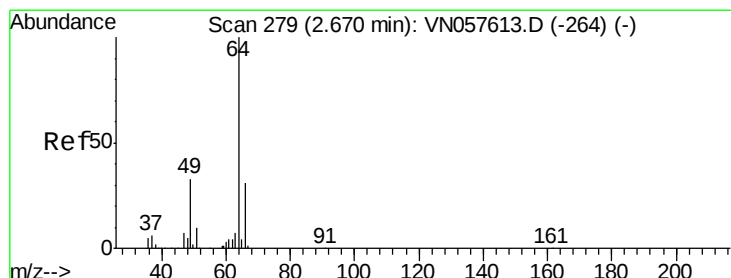
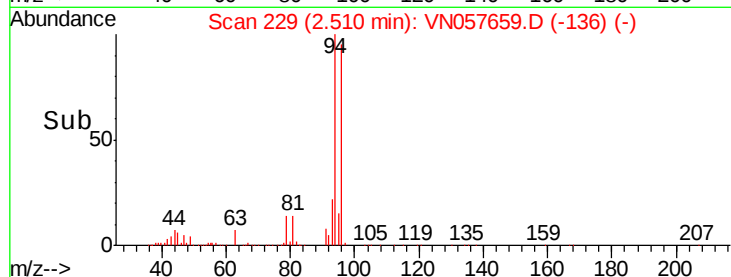
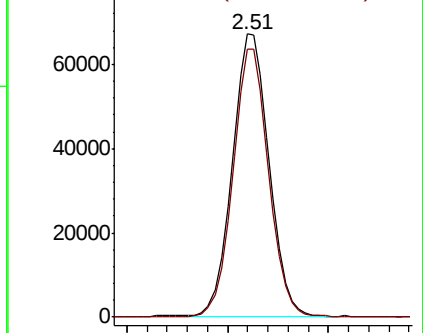
94 100

96 95.0 72.9 109.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 53.146 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.01 min

Lab File: VN057659.D

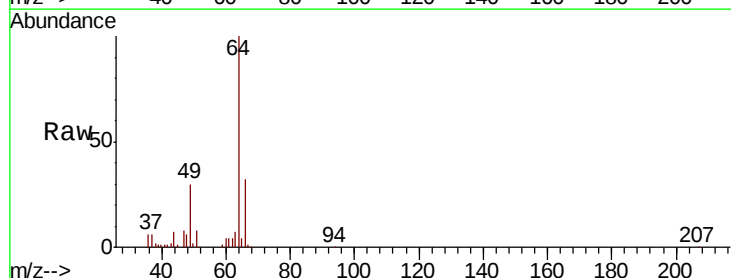
Acq: 1 Sep 2019 21:32

Tgt Ion: 64 Resp: 77682

Ion Ratio Lower Upper

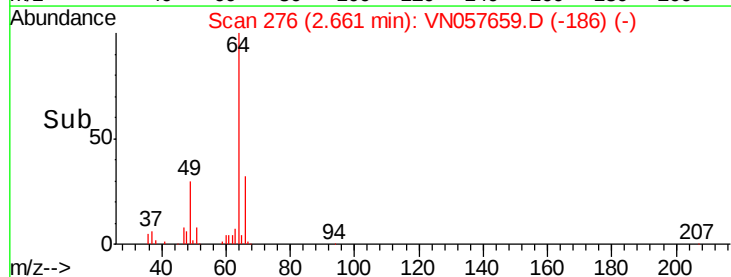
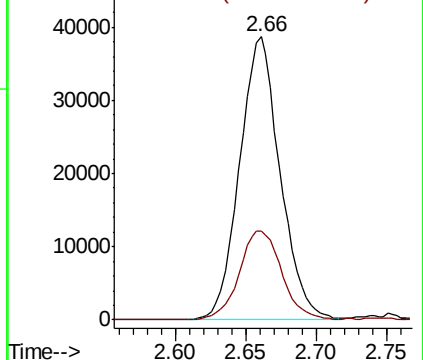
64 100

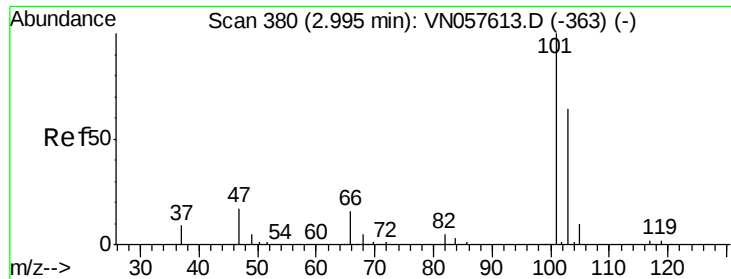
66 31.5 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



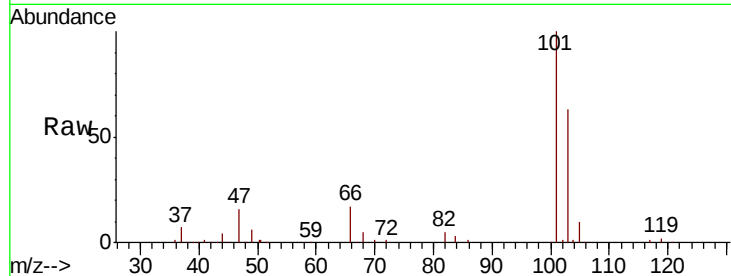


#7

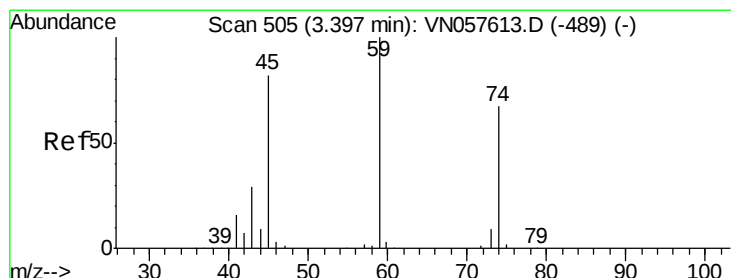
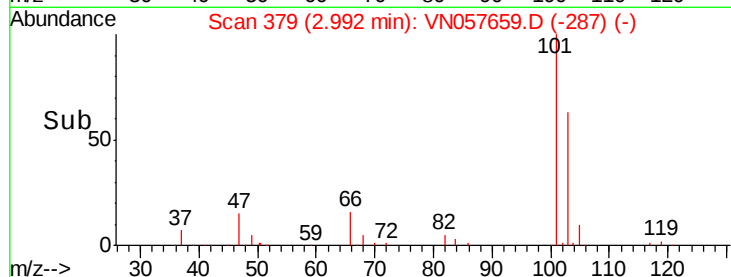
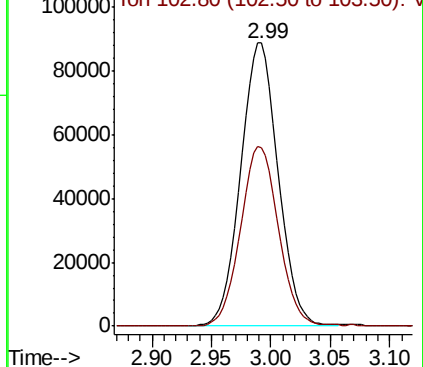
Trichlorofluoromethane
 Concen: 52.793 ug/l
 RT: 2.99 min Scan# 379
 Delta R.T. -0.00 min
 Lab File: VN057659.D
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Tgt Ion:101 Resp: 193921
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.3 76.9



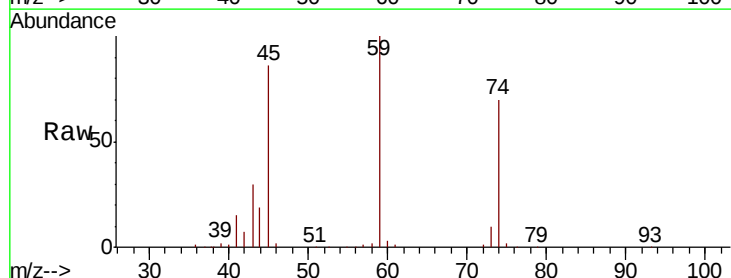
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



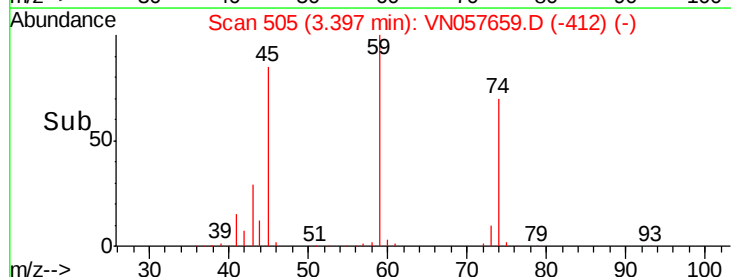
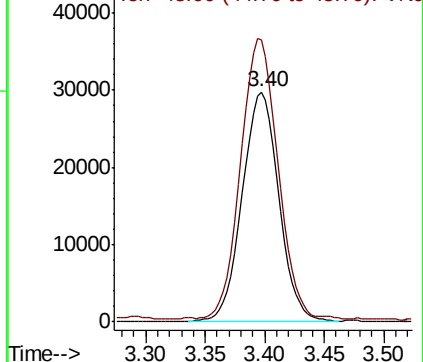
#8

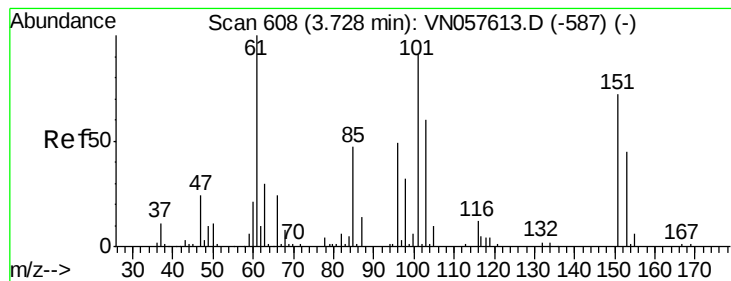
Diethyl Ether
 Concen: 52.301 ug/l
 RT: 3.40 min Scan# 505
 Delta R.T. 0.00 min
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Tgt Ion: 74 Resp: 63570
 Ion Ratio Lower Upper
 74 100
 45 124.2 61.9 185.7



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.144 ug/l

RT: 3.73 min Scan# 608

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

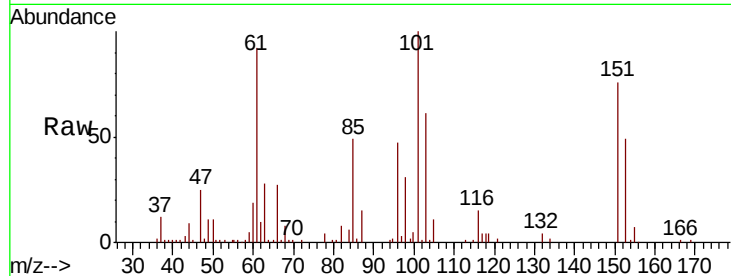
Tgt Ion:101 Resp: 95242

Ion Ratio Lower Upper

101 100

85 52.1 42.1 63.1

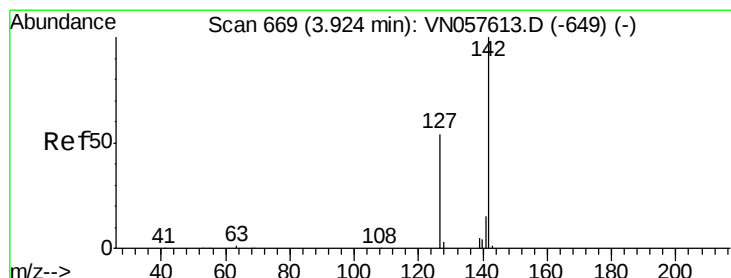
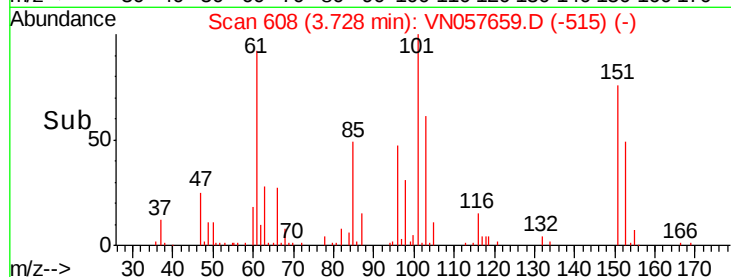
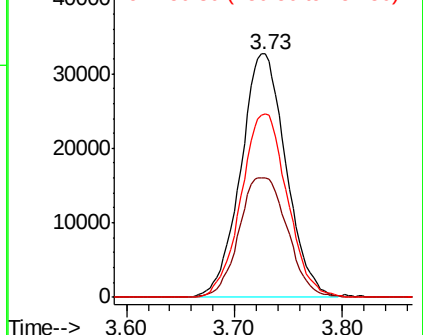
151 76.7 60.2 90.4



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: 53.957 ug/l

RT: 3.92 min Scan# 669

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

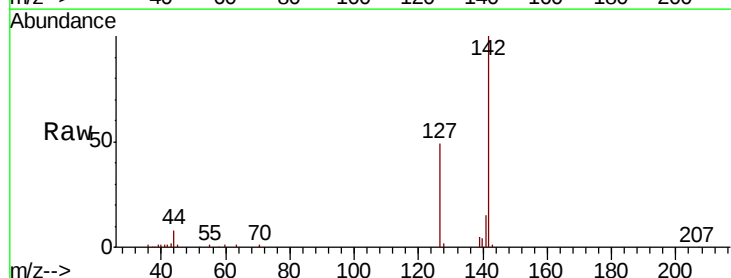
Tgt Ion:142 Resp: 129734

Ion Ratio Lower Upper

142 100

127 51.8 43.0 64.6

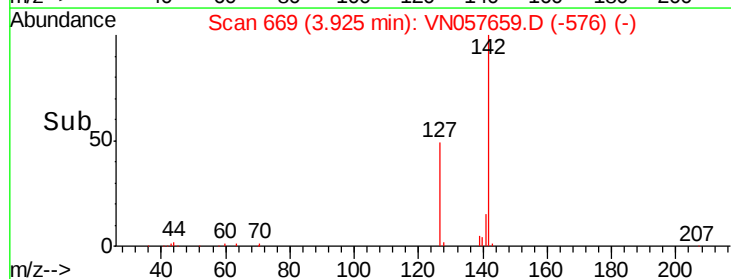
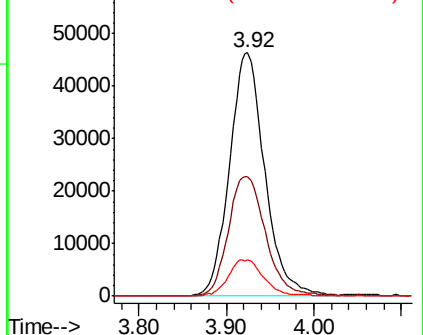
141 14.8 11.4 17.2

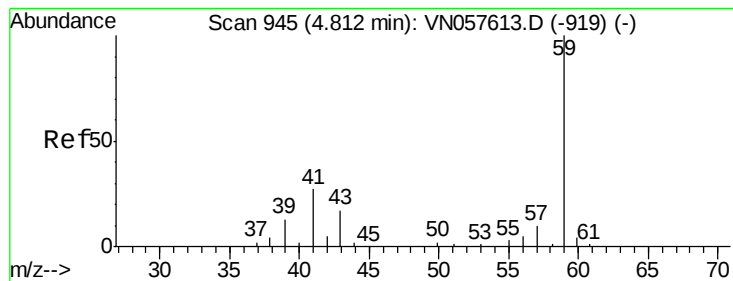


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



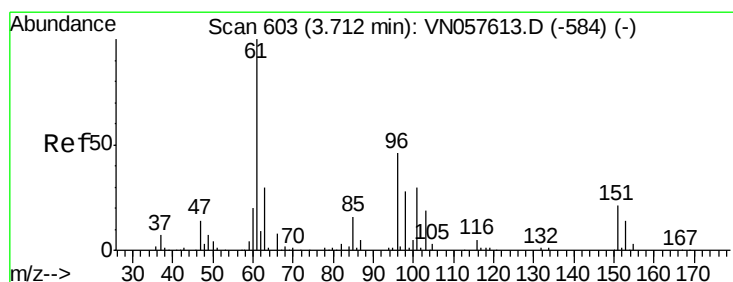
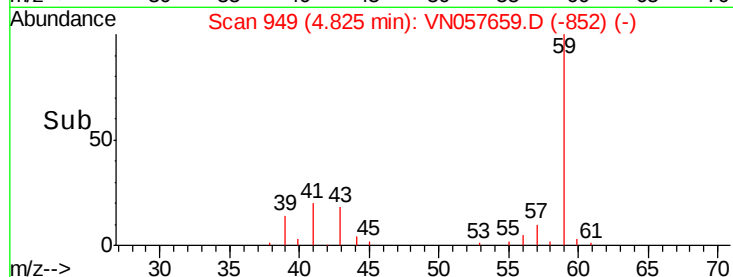
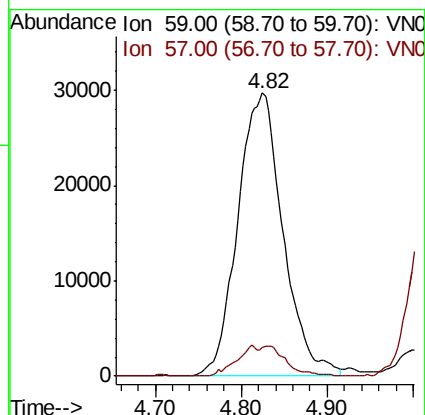
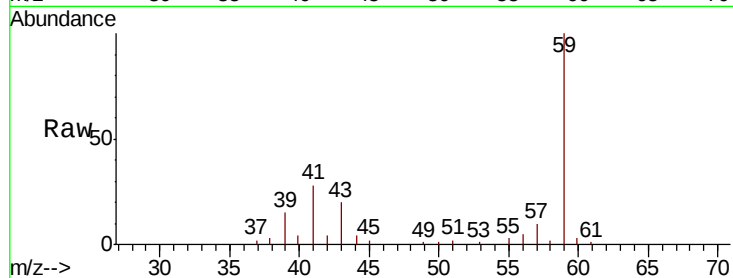


#11

Tert butyl alcohol
 Concen: 252.601 ug/l
 RT: 4.82 min Scan# 949
 Delta R.T. 0.01 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

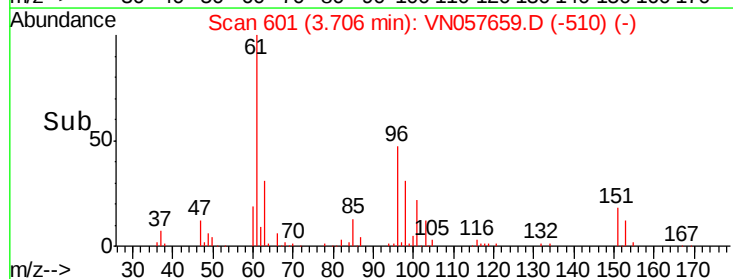
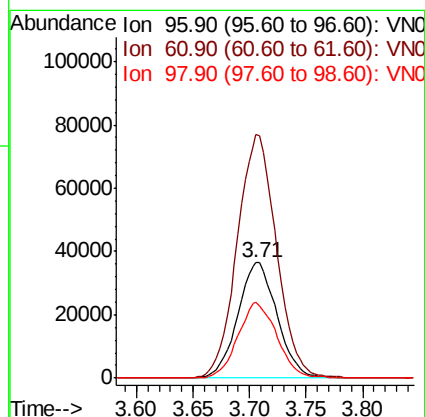
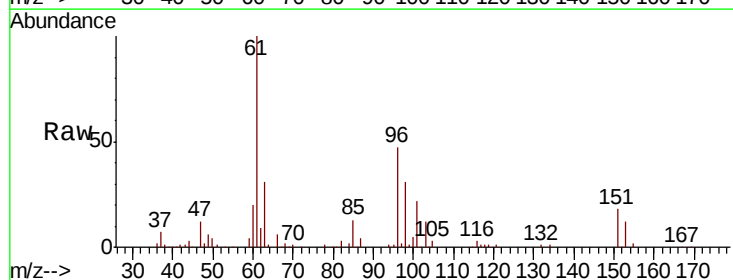
Tgt Ion: 59 Resp: 108465
 Ion Ratio Lower Upper
 59 100
 57 5.0 5.0 7.6#

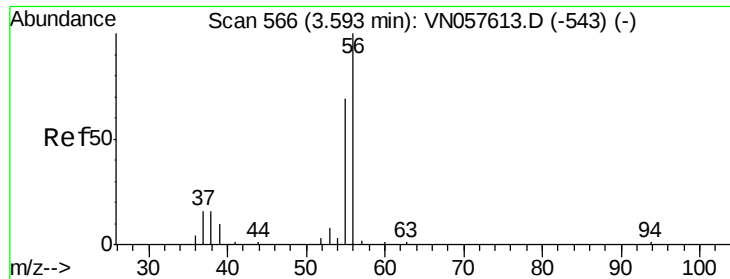


#12

1,1-Dichloroethene
 Concen: 52.325 ug/l
 RT: 3.71 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Tgt Ion: 96 Resp: 88329
 Ion Ratio Lower Upper
 96 100
 61 210.4 172.1 258.1
 98 66.2 48.3 72.5

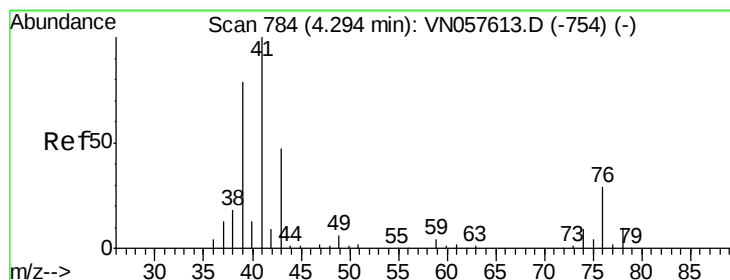
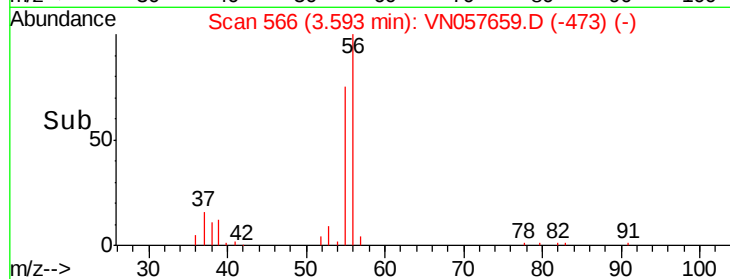
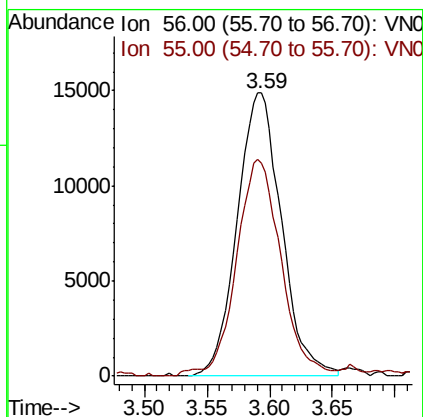
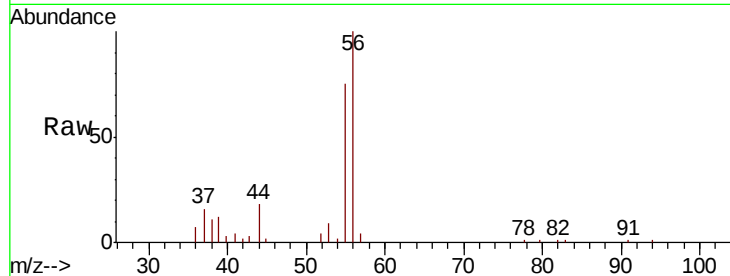




#13
Acrolein
Concen: 214.568 ug/l
RT: 3.59 min Scan# 566
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

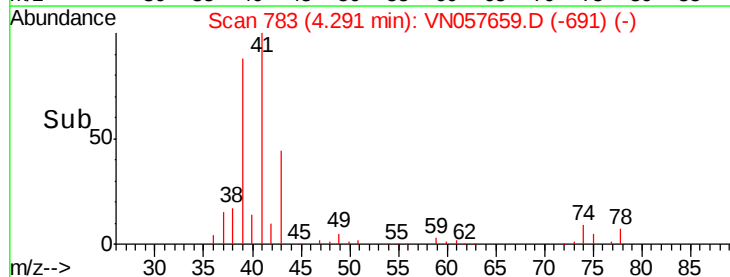
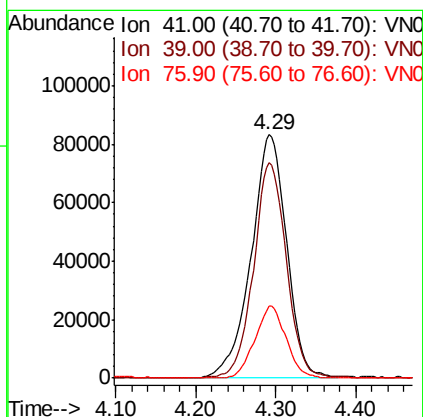
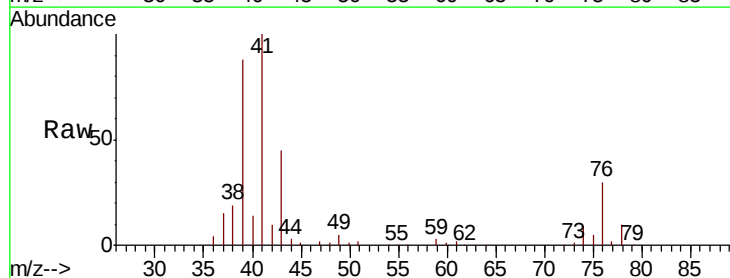
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

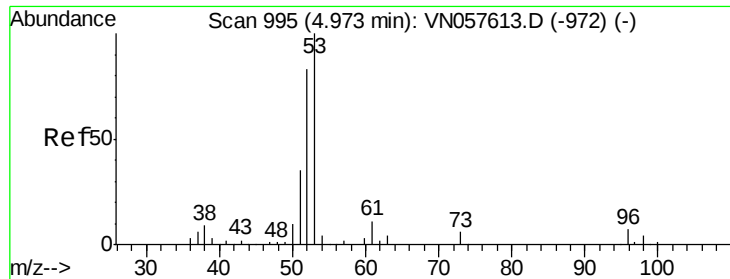
Tgt Ion: 56 Resp: 36633
Ion Ratio Lower Upper
56 100
55 76.8 56.5 84.7



#14
Allyl chloride
Concen: 48.230 ug/l
RT: 4.29 min Scan# 783
Delta R.T. -0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Tgt Ion: 41 Resp: 253994
Ion Ratio Lower Upper
41 100
39 81.6 60.9 91.3
76 26.0 21.1 31.7





#15

Acrylonitrile

Concen: 259.501 ug/l

RT: 4.98 min Scan# 996

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

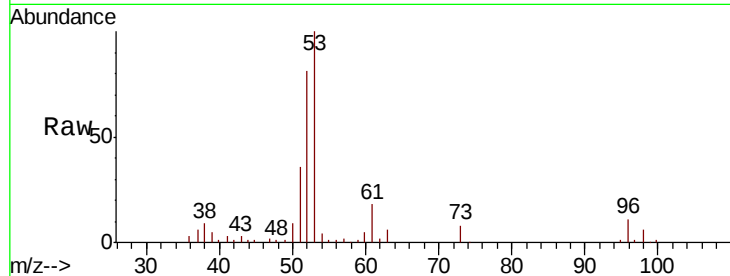
Tgt Ion: 53 Resp: 334357

Ion Ratio Lower Upper

53 100

52 83.5 67.1 100.7

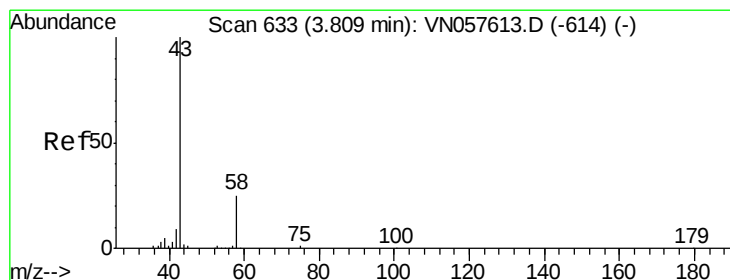
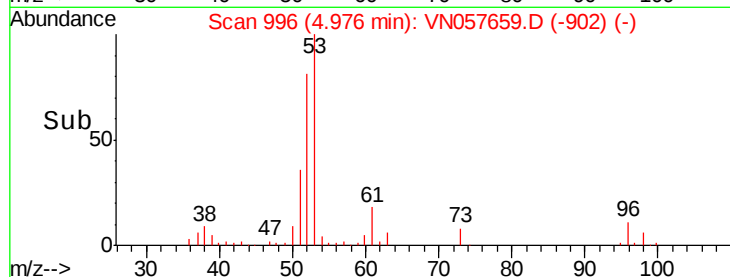
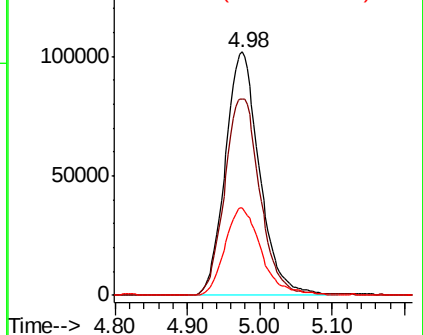
51 38.2 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 222.461 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN057659.D

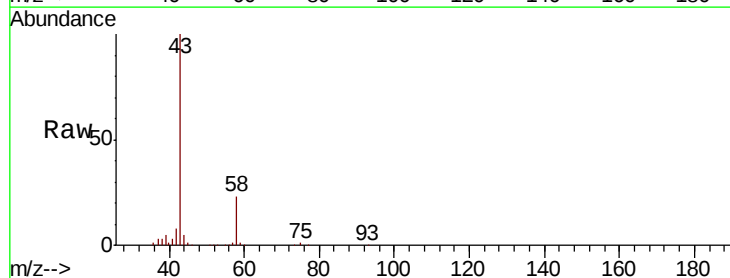
Acq: 1 Sep 2019 21:32

Tgt Ion: 43 Resp: 255240

Ion Ratio Lower Upper

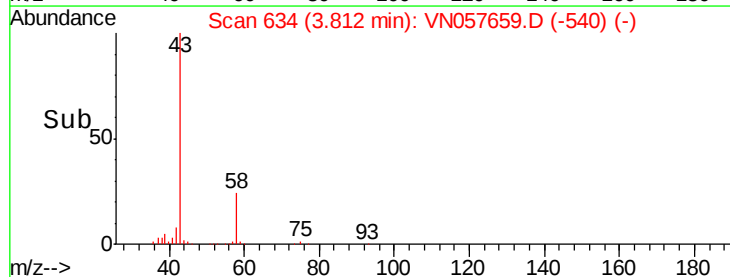
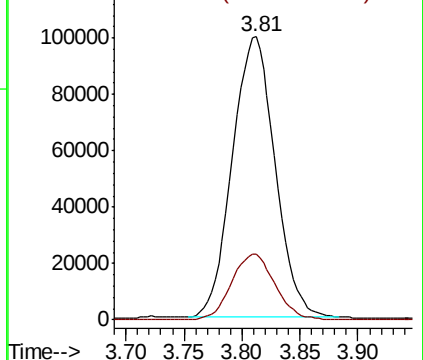
43 100

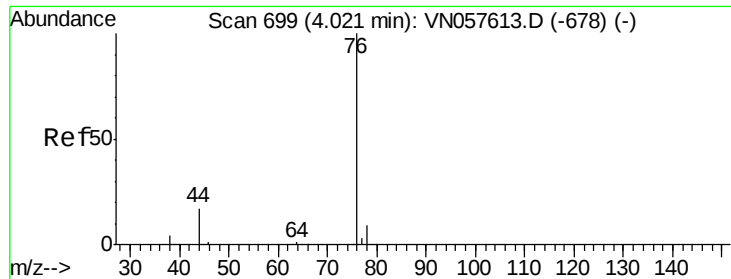
58 23.4 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

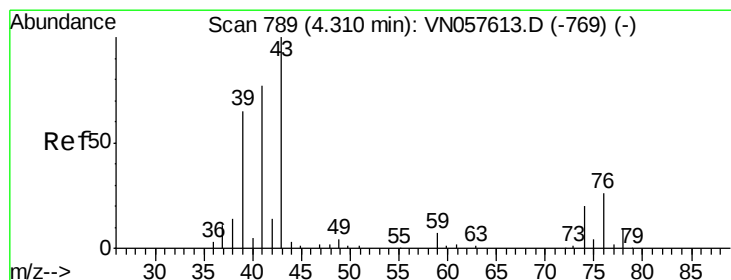
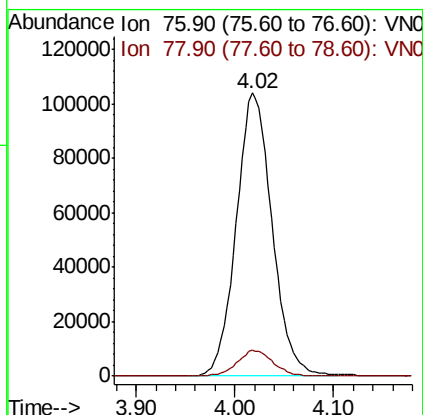
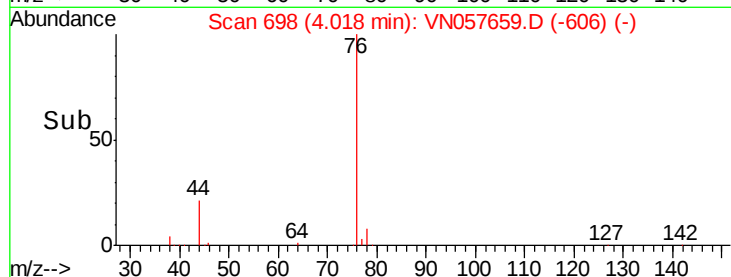
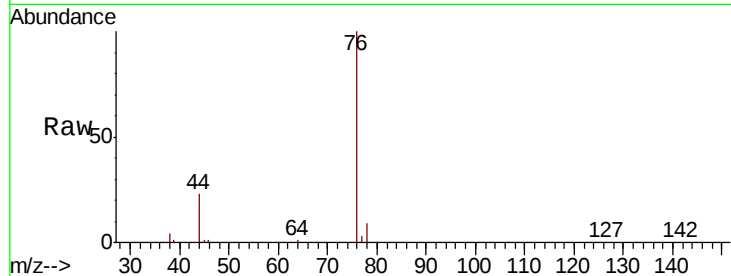




#17
Carbon Disulfide
Concen: 47.976 ug/l
RT: 4.02 min Scan# 698
Delta R.T. -0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

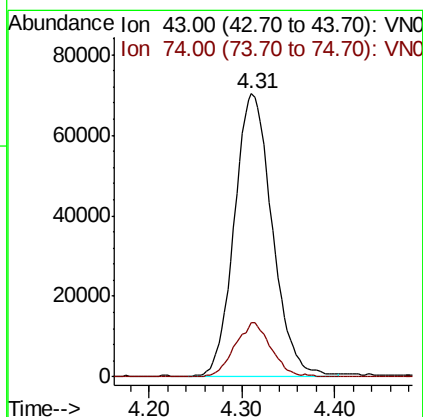
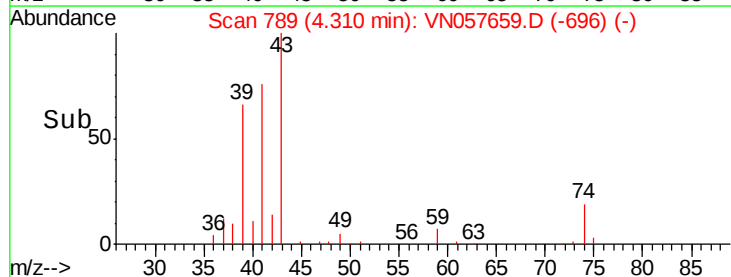
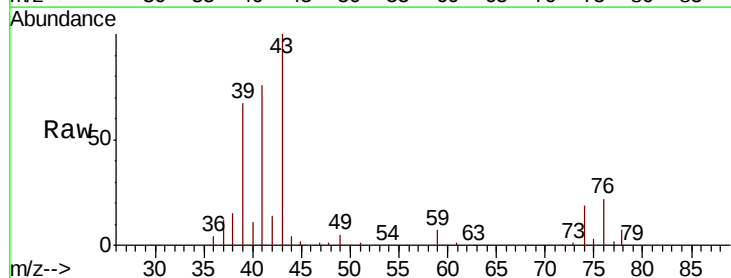
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

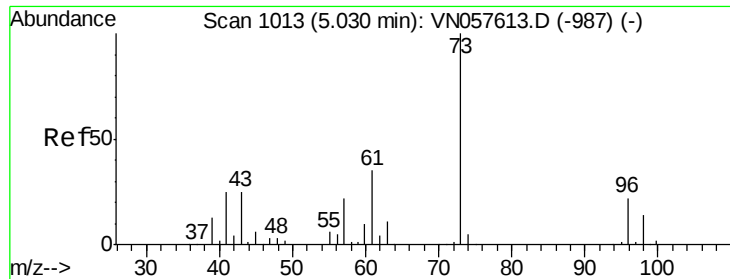
Tgt Ion: 76 Resp: 261823
Ion Ratio Lower Upper
76 100
78 9.0 6.9 10.3



#18
Methyl Acetate
Concen: 50.143 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Tgt Ion: 43 Resp: 197539
Ion Ratio Lower Upper
43 100
74 18.6 15.7 23.5

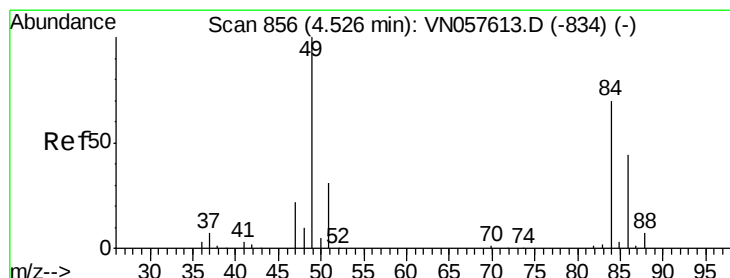
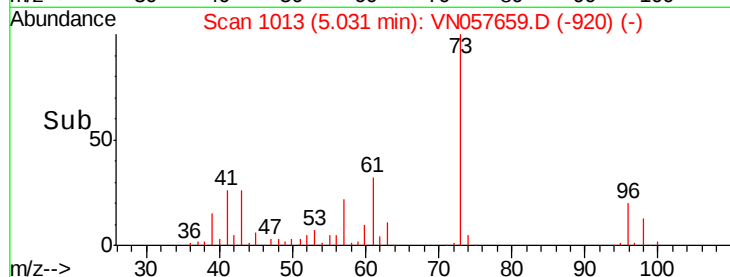
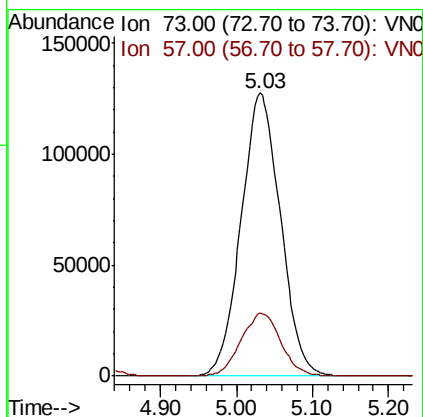
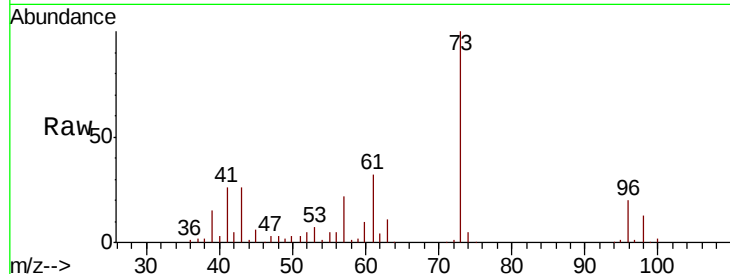




#19
Methyl tert-butyl Ether
Concen: 52.630 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

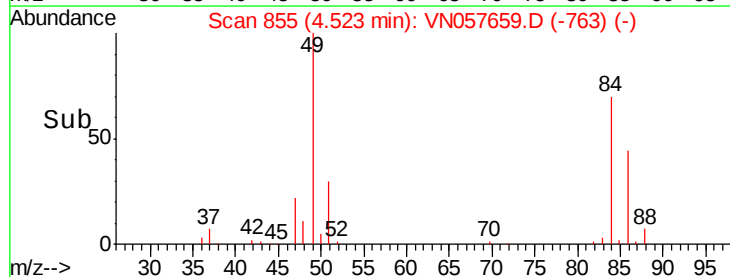
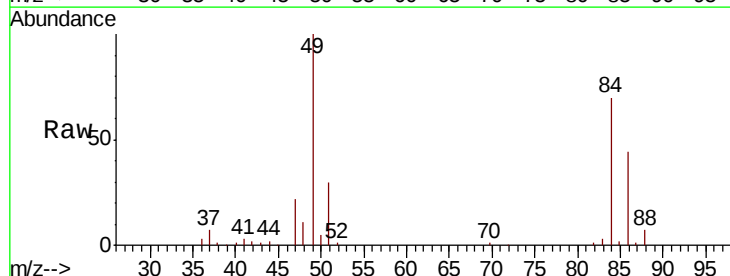
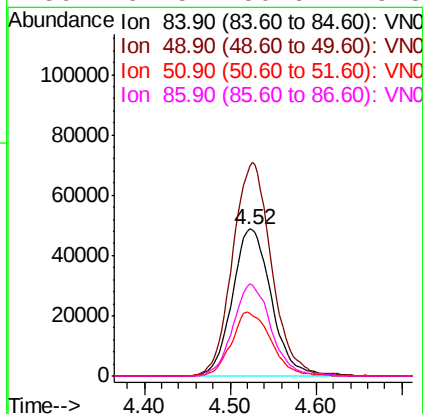
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

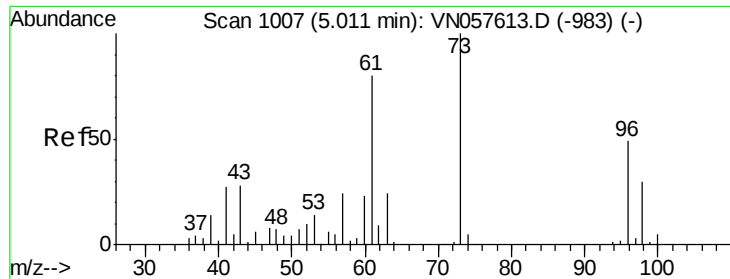
Tgt Ion: 73 Resp: 459645
Ion Ratio Lower Upper
73 100
57 22.4 17.3 25.9



#20
Methylene Chloride
Concen: 53.960 ug/l
RT: 4.52 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Tgt Ion: 84 Resp: 153270
Ion Ratio Lower Upper
84 100
49 143.2 113.8 170.6
51 43.1 35.0 52.6
86 62.5 50.6 75.8

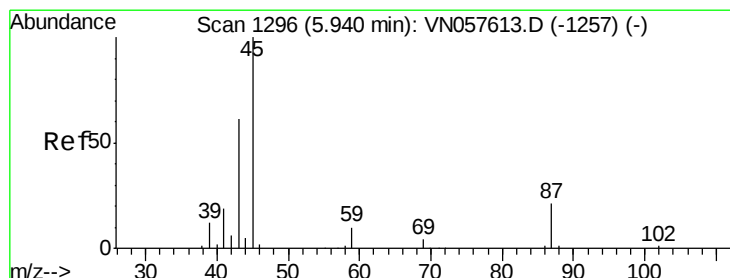
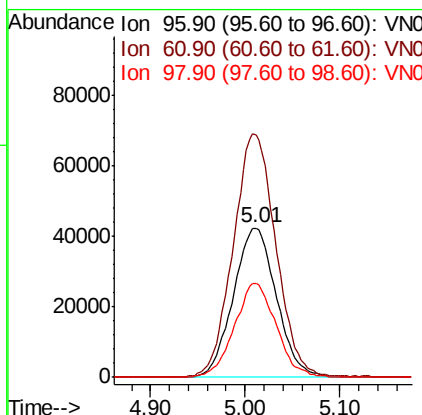
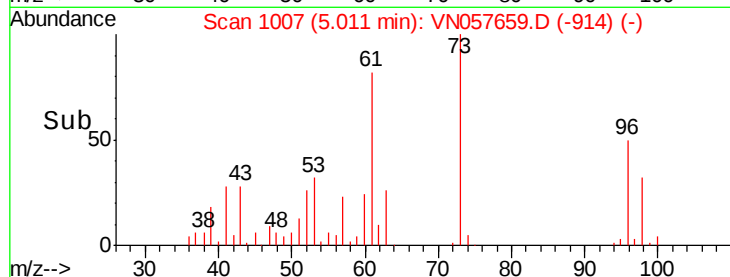
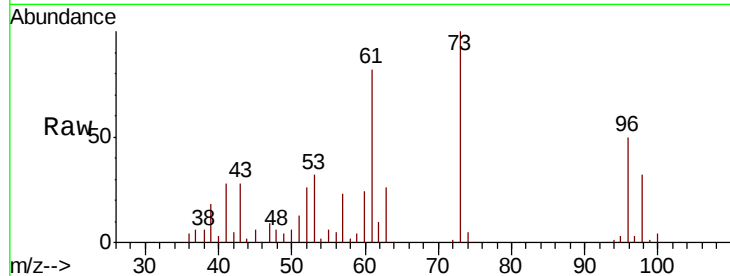




#21
trans-1,2-Dichloroethene
Concen: 53.236 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

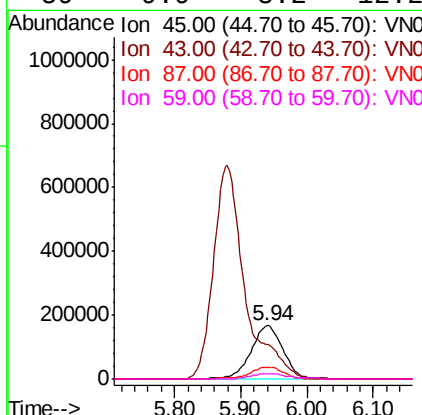
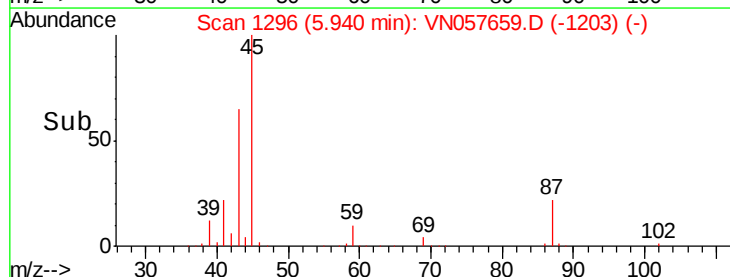
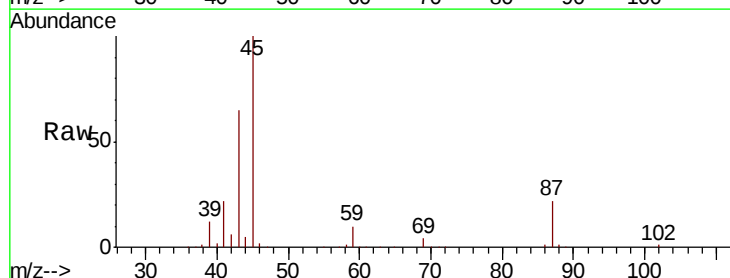
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

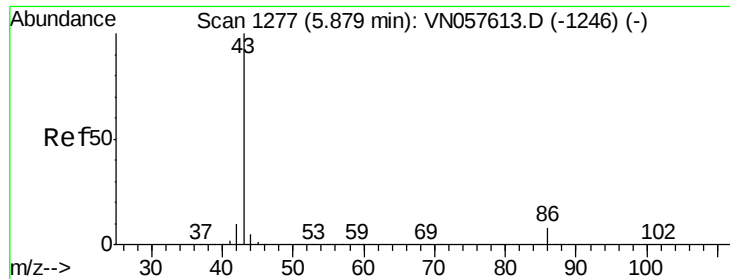
Tgt Ion: 96 Resp: 133605
Ion Ratio Lower Upper
96 100
61 162.0 131.6 197.4
98 63.2 49.9 74.9



#22
Diisopropyl ether
Concen: 51.741 ug/l
RT: 5.94 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Tgt Ion: 45 Resp: 560145
Ion Ratio Lower Upper
45 100
43 64.2 49.1 73.7
87 22.0 17.0 25.6
59 9.9 8.2 12.2

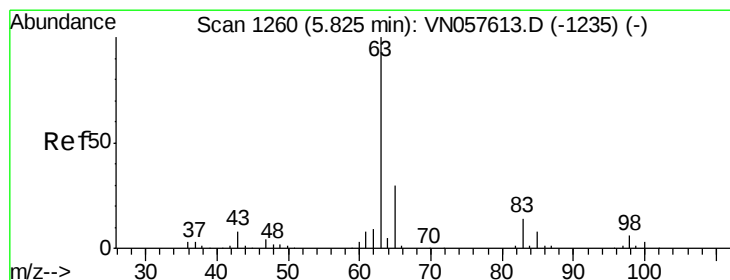
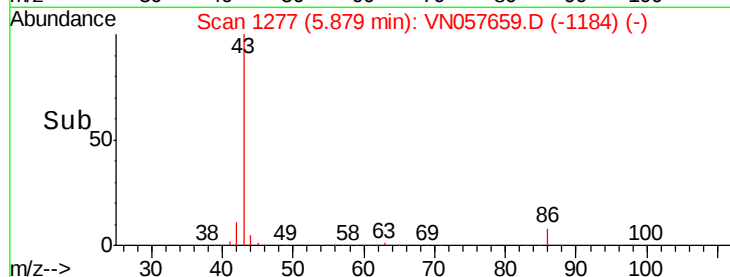
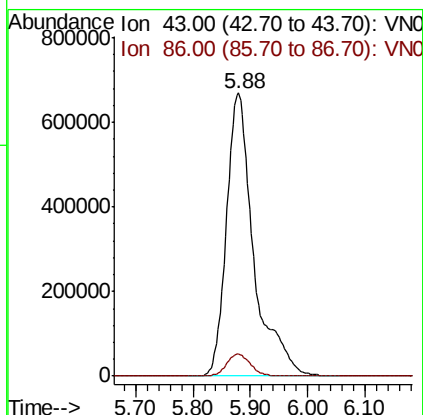
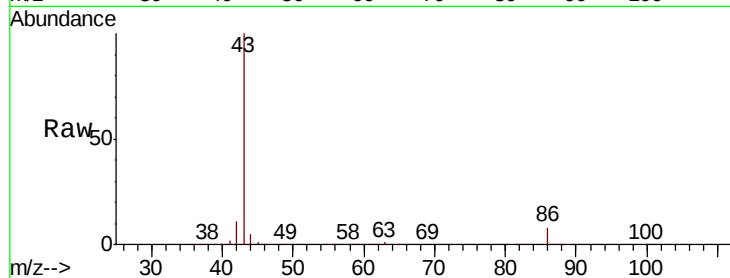




#23
 Vinyl Acetate
 Concen: 266.093 ug/l
 RT: 5.88 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

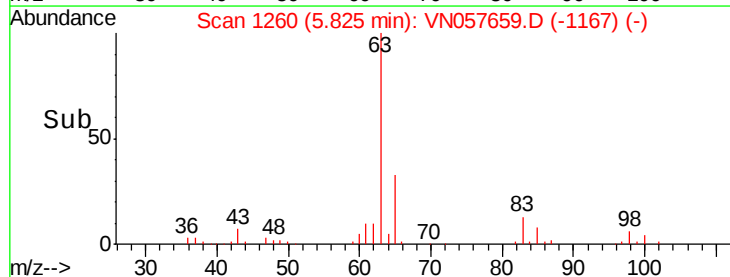
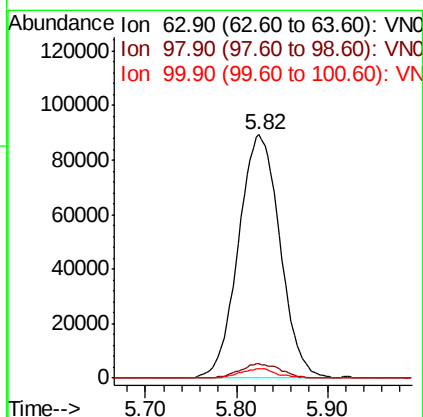
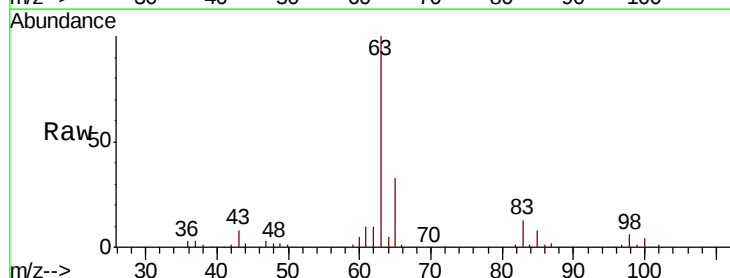
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

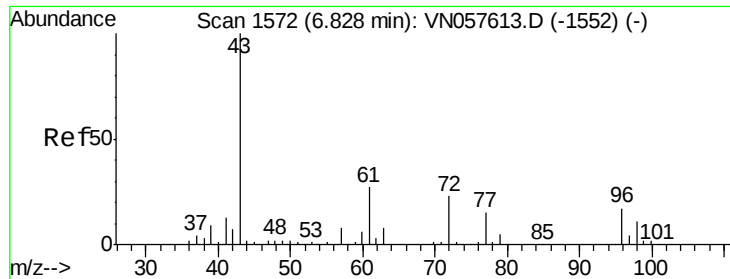
Tgt Ion: 43 Resp: 2213920
 Ion Ratio Lower Upper
 43 100
 86 7.7 6.1 9.1



#24
 1,1-Dichloroethane
 Concen: 52.112 ug/l
 RT: 5.82 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Tgt Ion: 63 Resp: 283196
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.8 8.4
 100 3.8 1.5 4.5





#25

2-Butanone

Concen: 247.490 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

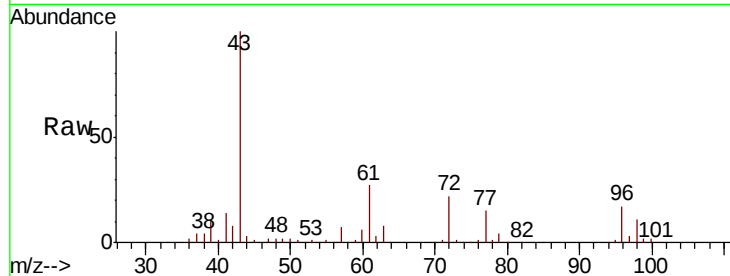
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 473159

Ion Ratio Lower Upper

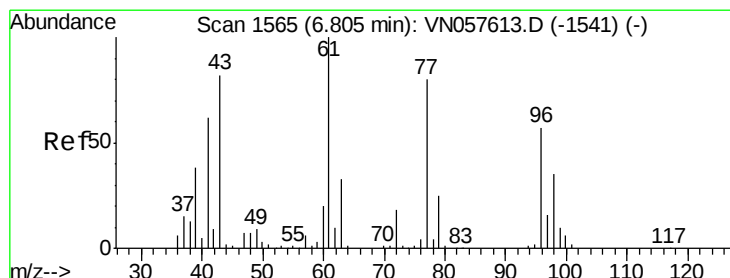
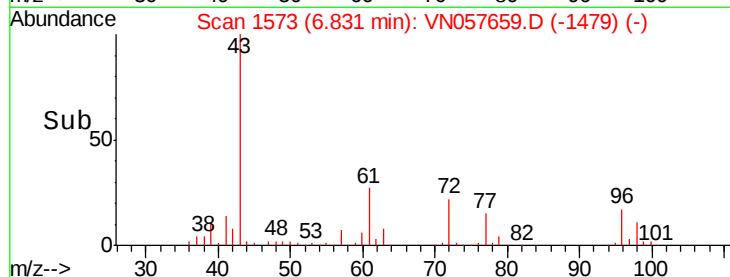
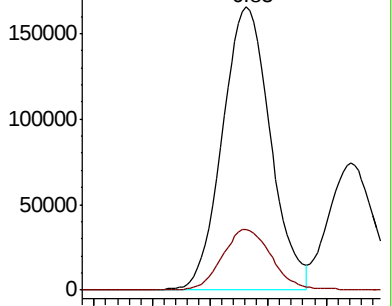
43 100

72 21.6 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VN057613.D (-1552) (-)

Ion 72.00 (71.70 to 72.70): VN057613.D (-1552) (-)



#26

2,2-Dichloropropane

Concen: 41.113 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN057659.D

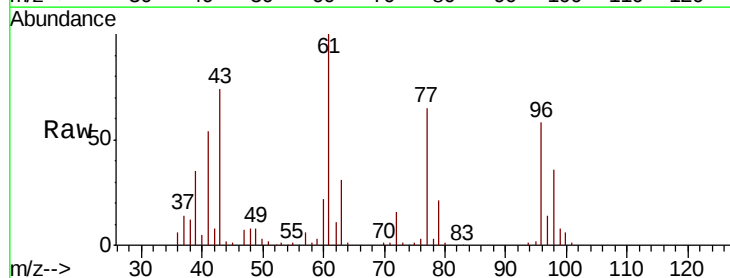
Acq: 1 Sep 2019 21:32

Tgt Ion: 77 Resp: 178582

Ion Ratio Lower Upper

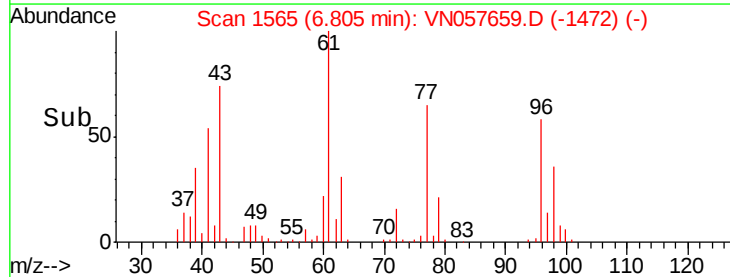
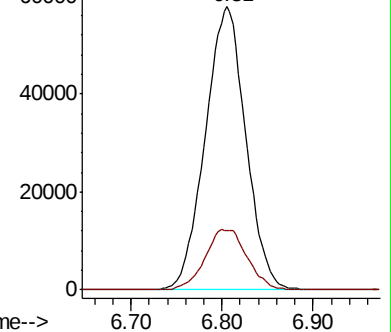
77 100

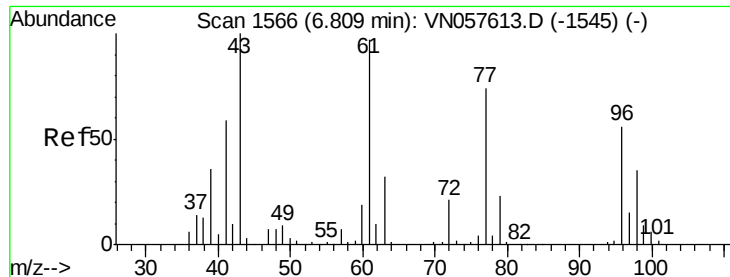
97 22.0 10.6 31.8



Abundance Ion 76.90 (76.60 to 77.60): VN057613.D (-1541) (-)

Ion 96.90 (96.60 to 97.60): VN057613.D (-1541) (-)

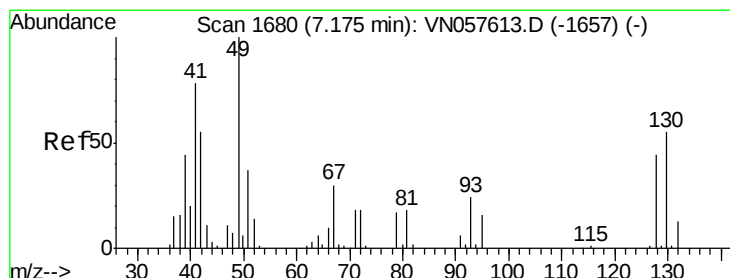
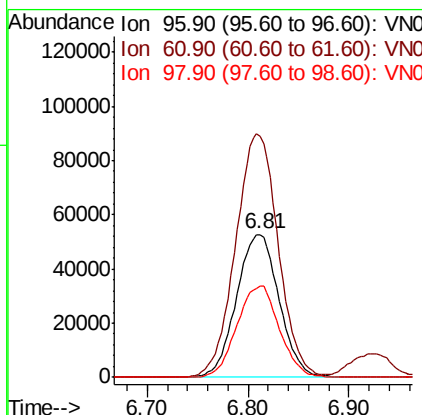
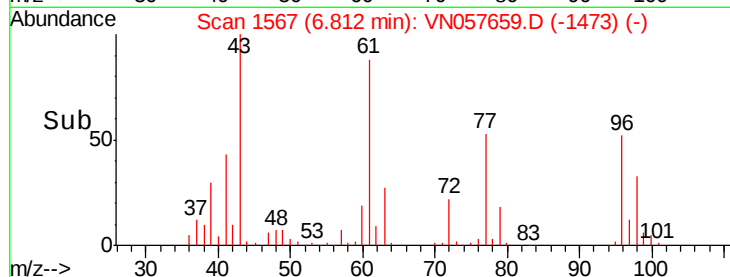
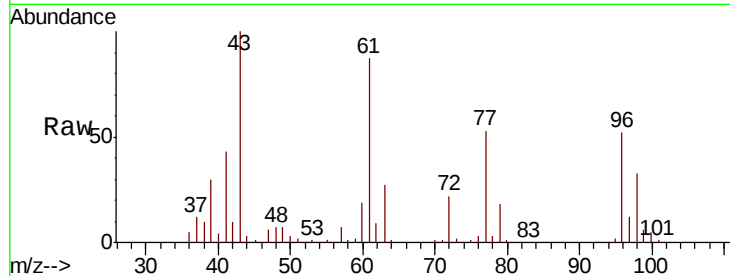




#27
 cis-1,2-Dichloroethene
 Concen: 51.520 ug/l
 RT: 6.81 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

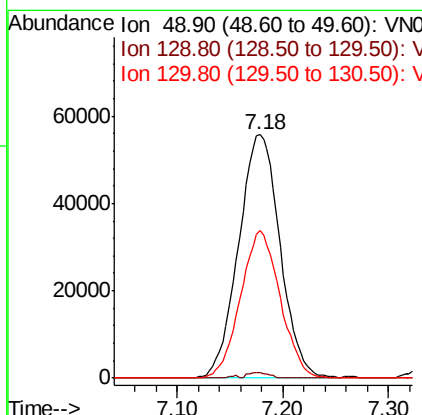
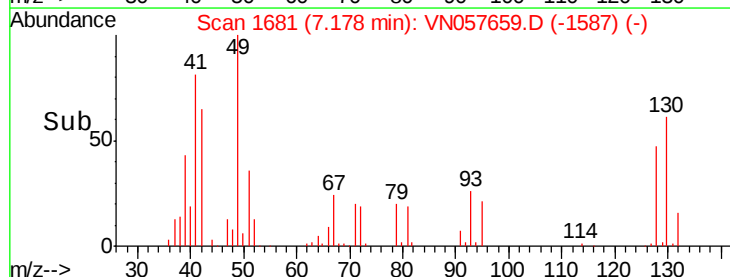
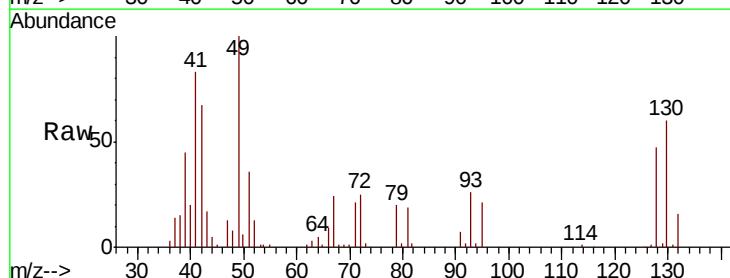
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

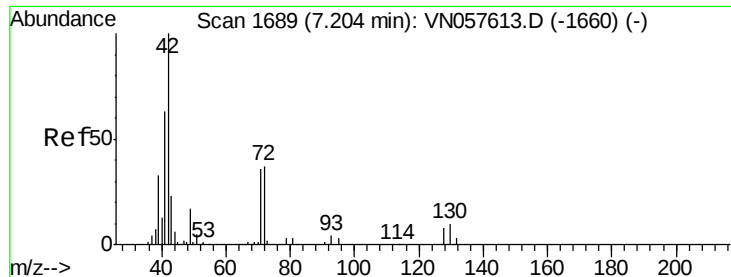
Tgt Ion: 96 Resp: 154401
 Ion Ratio Lower Upper
 96 100
 61 170.3 0.0 344.6
 98 63.4 0.0 124.8



#28
 Bromochloromethane
 Concen: 52.637 ug/l
 RT: 7.18 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Tgt Ion: 49 Resp: 152328
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 1.8
 130 57.8 45.8 68.8

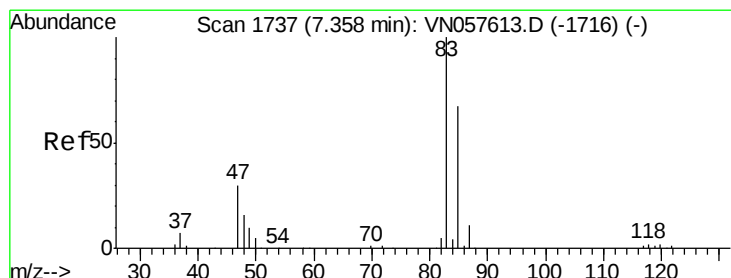
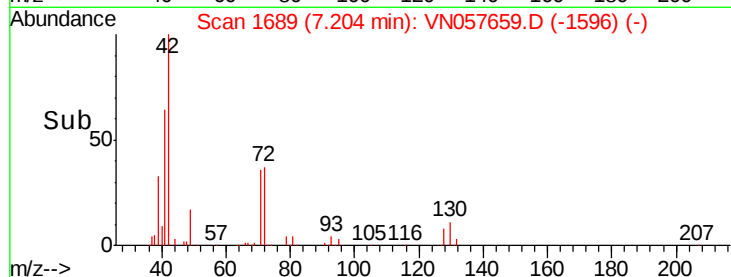
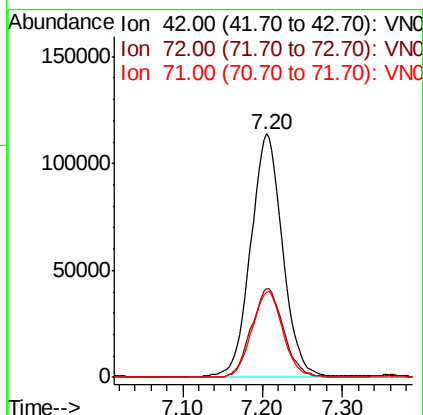
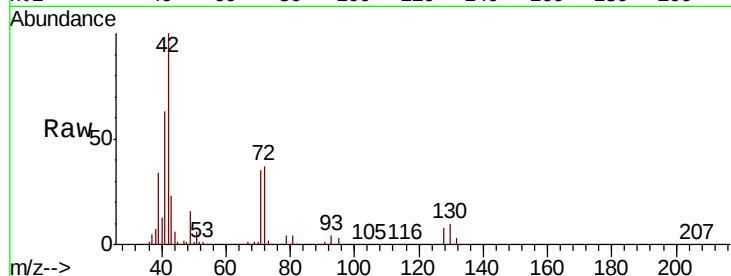




#29
Tetrahydrofuran
Concen: 259.572 ug/l
RT: 7.20 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

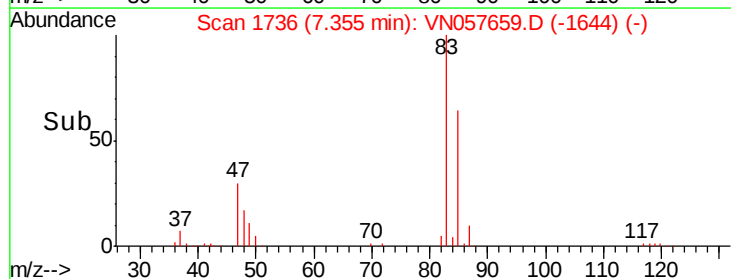
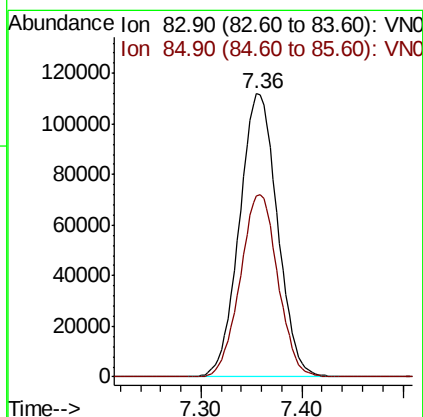
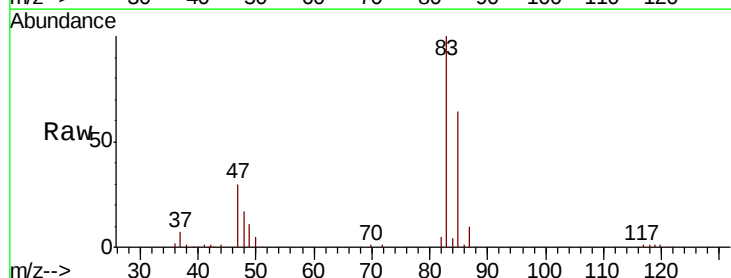
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

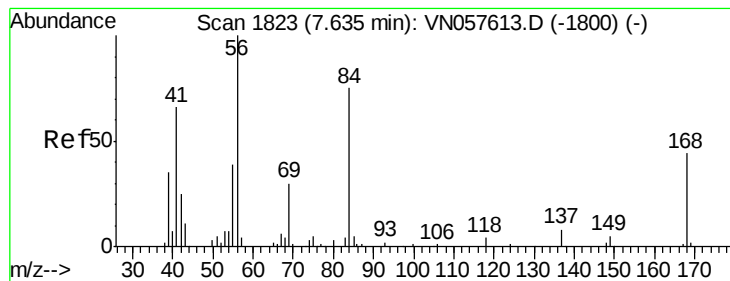
Tgt Ion: 42 Resp: 311341
Ion Ratio Lower Upper
42 100
72 36.8 29.6 44.4
71 34.2 27.9 41.9



#30
Chloroform
Concen: 53.049 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Tgt Ion: 83 Resp: 292461
Ion Ratio Lower Upper
83 100
85 64.1 53.2 79.8





#31

Cyclohexane

Concen: 49.310 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

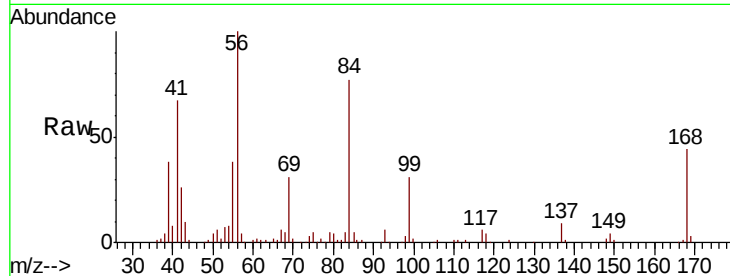
Tgt Ion: 56 Resp: 267448

Ion Ratio Lower Upper

56 100

69 30.8 24.4 36.6

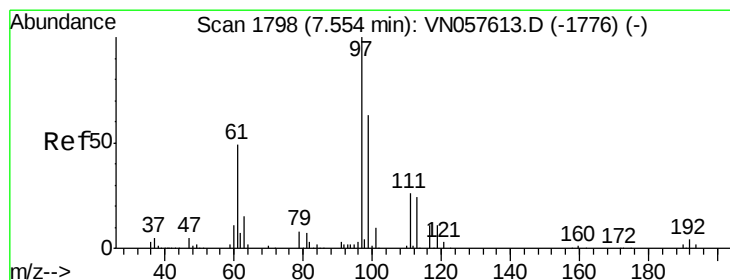
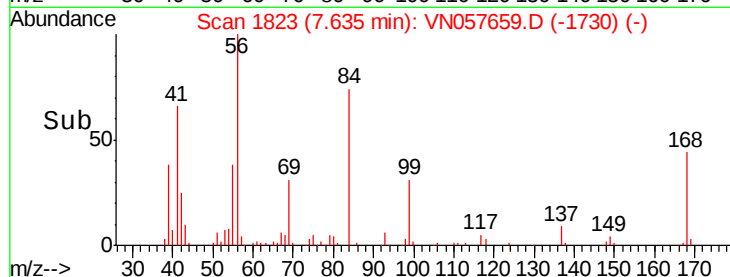
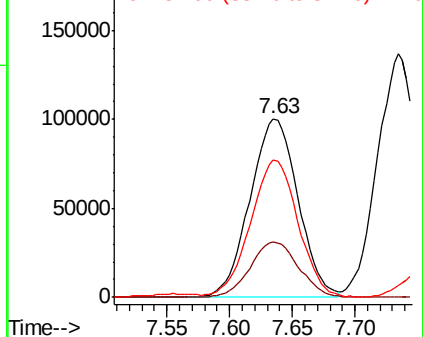
84 75.1 59.9 89.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 53.002 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

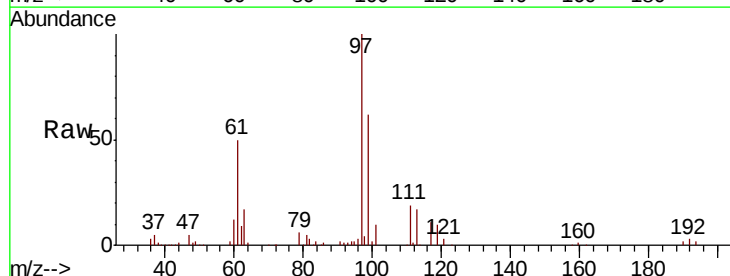
Tgt Ion: 97 Resp: 239693

Ion Ratio Lower Upper

97 100

99 64.0 50.6 75.8

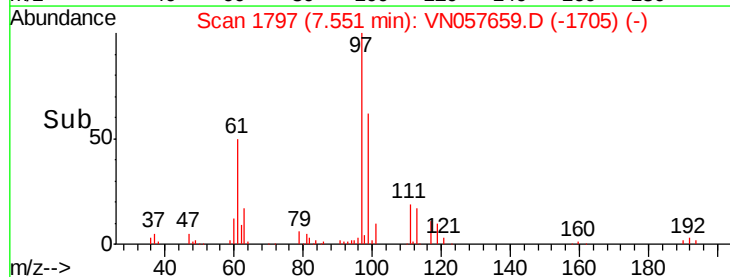
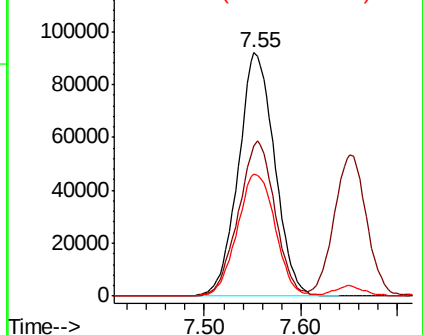
61 52.5 41.1 61.7

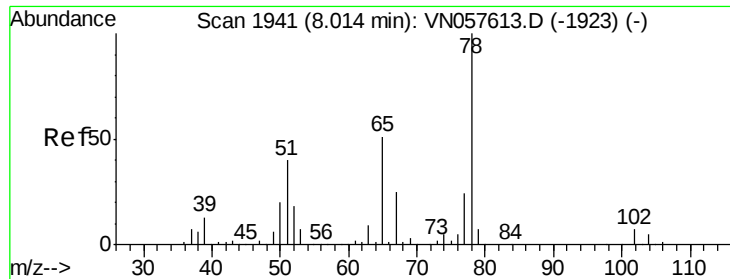


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

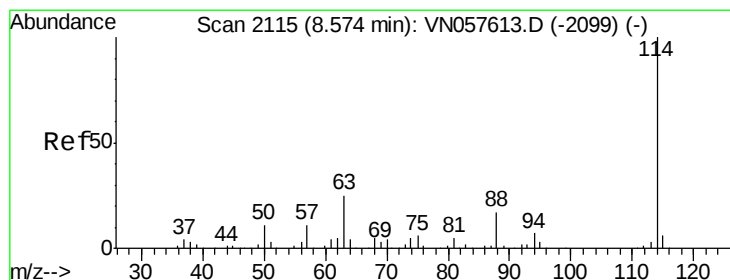
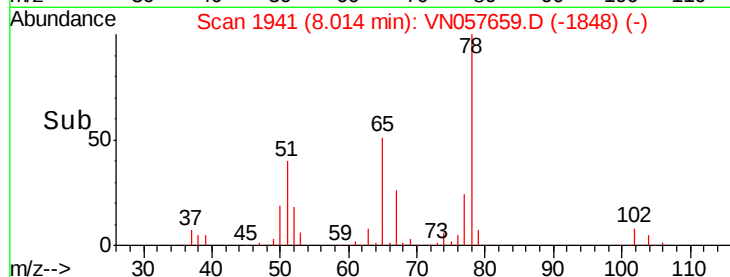
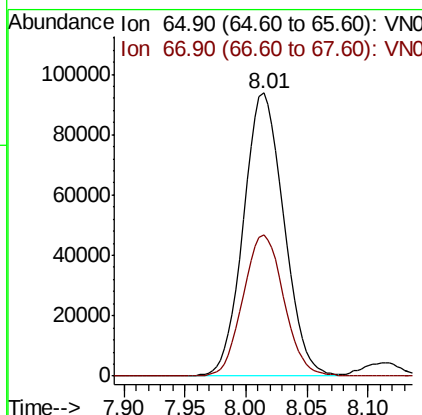
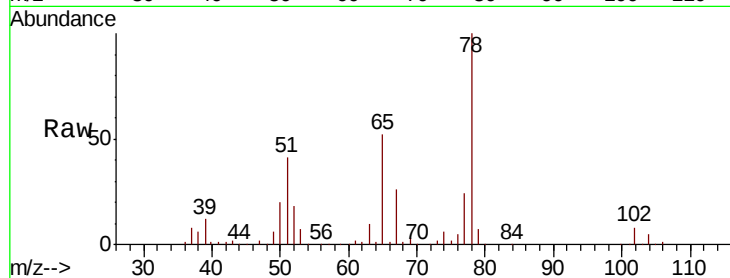




#33
 1,2-Dichloroethane-d4
 Concen: 52.447 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

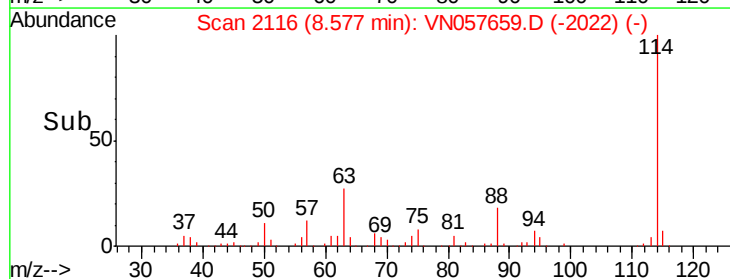
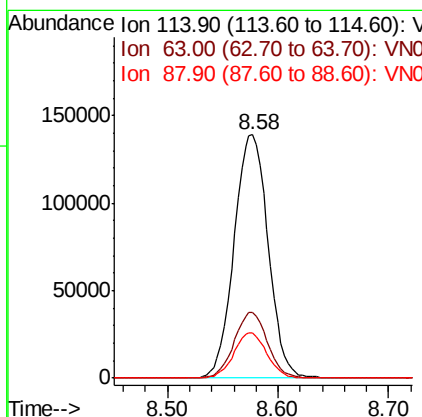
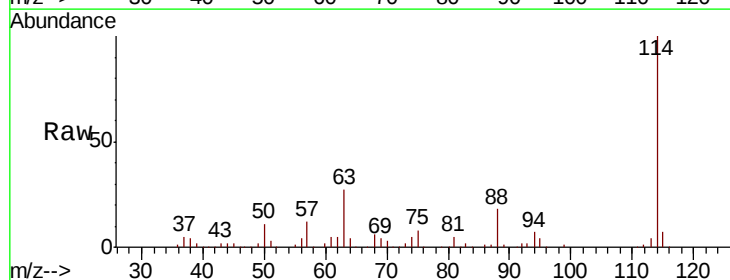
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

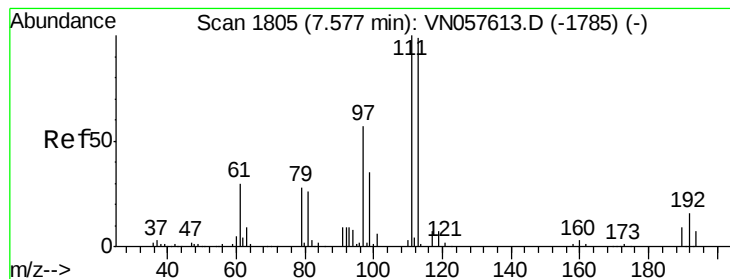
Tgt Ion: 65 Resp: 214716
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Tgt Ion: 114 Resp: 298055
 Ion Ratio Lower Upper
 114 100
 63 26.9 0.0 49.0
 88 18.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.521 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

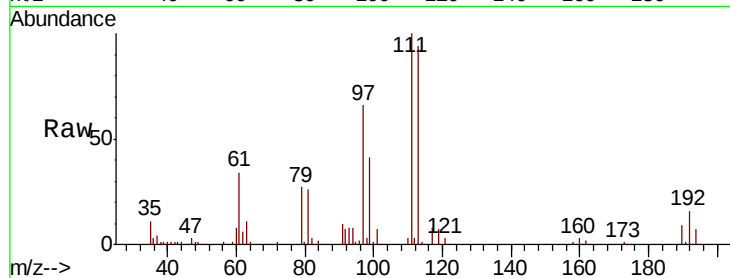
Tgt Ion: 113 Resp: 136705

Ion Ratio Lower Upper

113 100

111 104.3 81.3 121.9

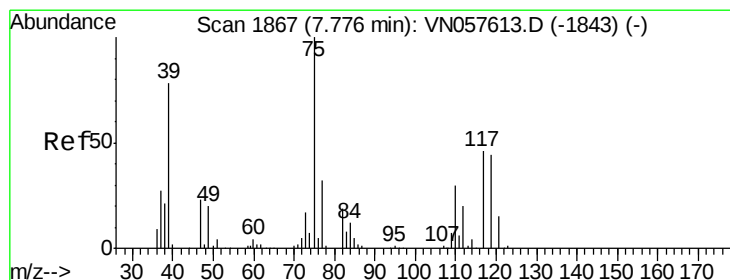
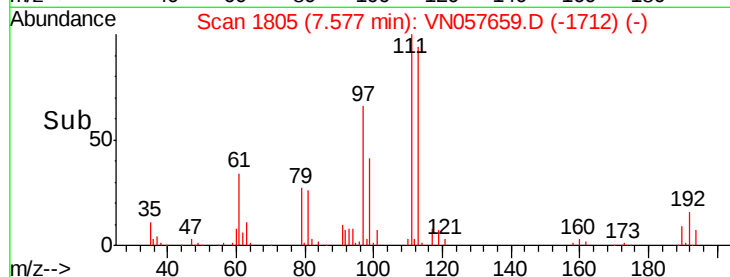
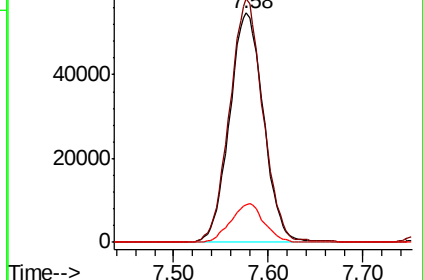
192 16.5 13.5 20.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 53.065 ug/l

RT: 7.78 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

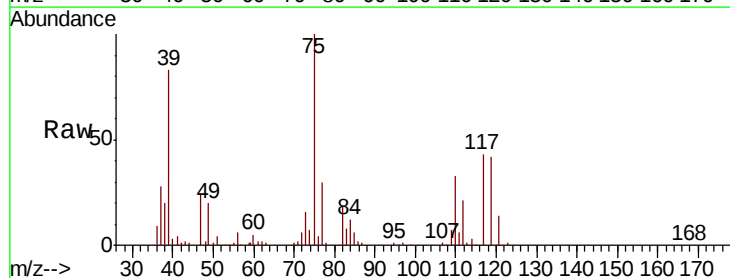
Tgt Ion: 75 Resp: 209692

Ion Ratio Lower Upper

75 100

110 32.1 15.6 46.8

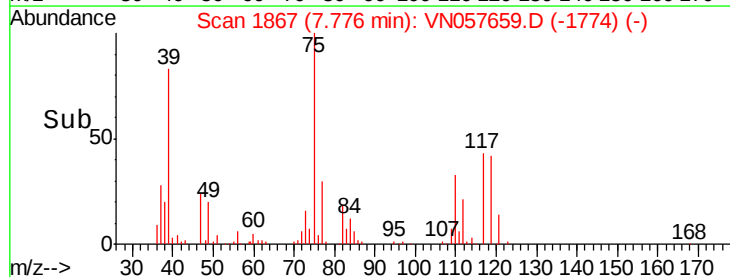
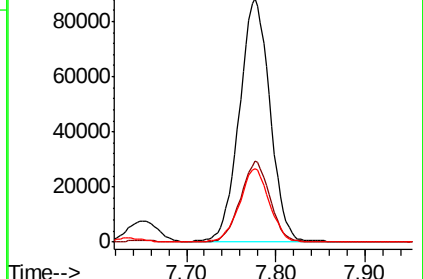
77 29.8 24.9 37.3

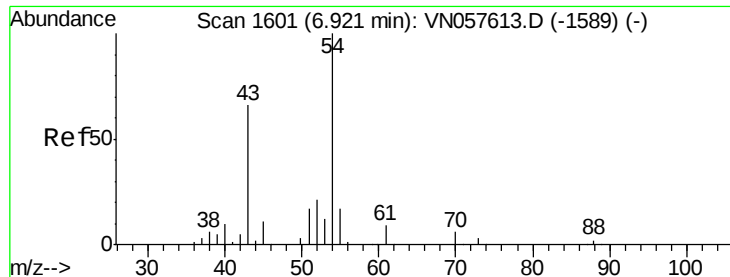


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

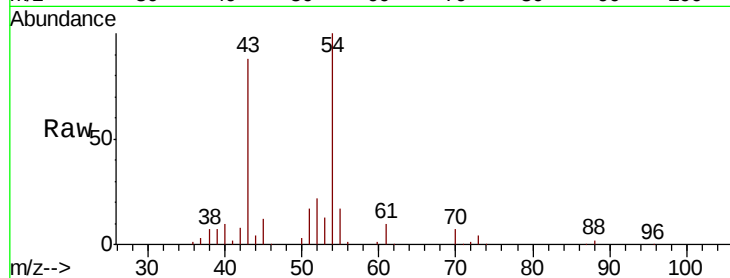




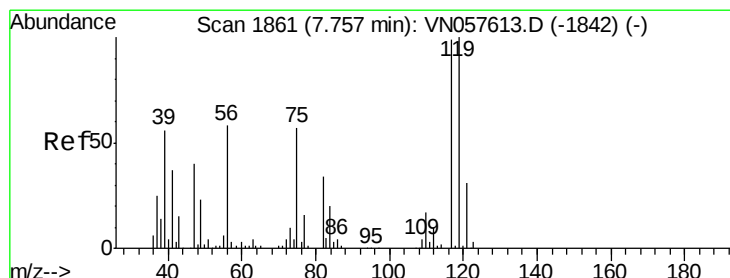
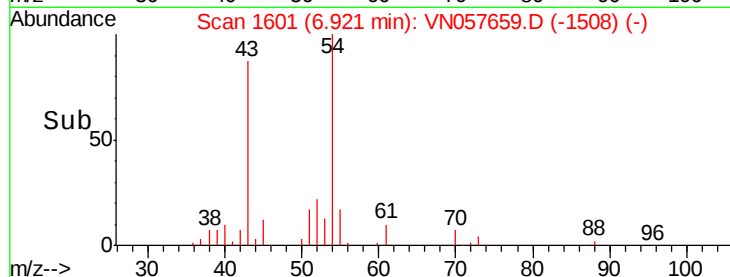
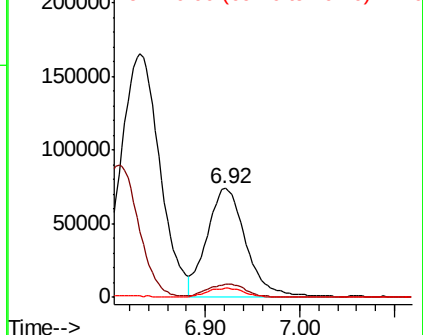
#37
 Ethyl Acetate
 Concen: 55.292 ug/l
 RT: 6.92 min Scan# 1601
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 208129
 Ion Ratio Lower Upper
 43 100
 61 12.6 10.1 15.1
 70 8.4 6.8 10.2

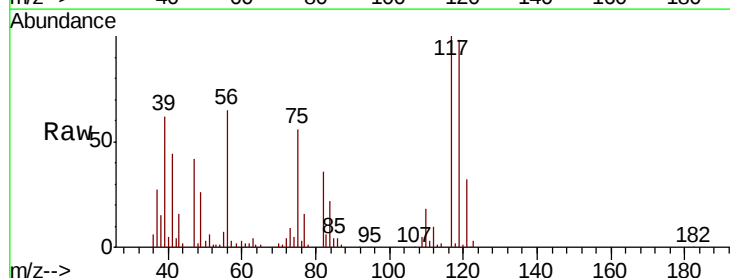


Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 70.00 (69.70 to 70.70): VN0

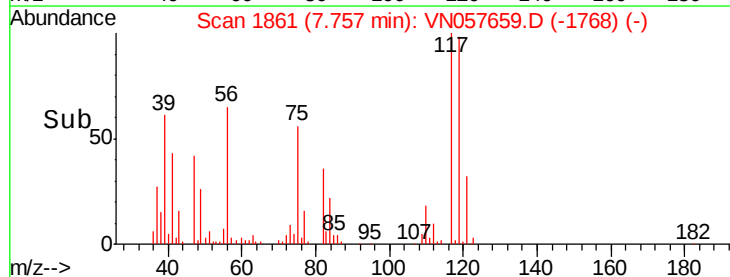
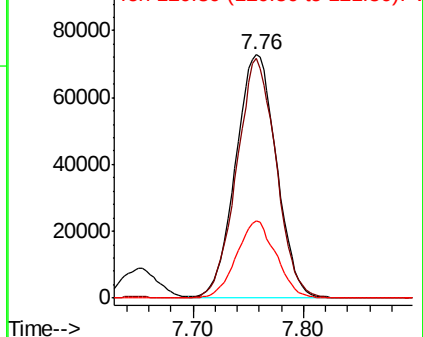


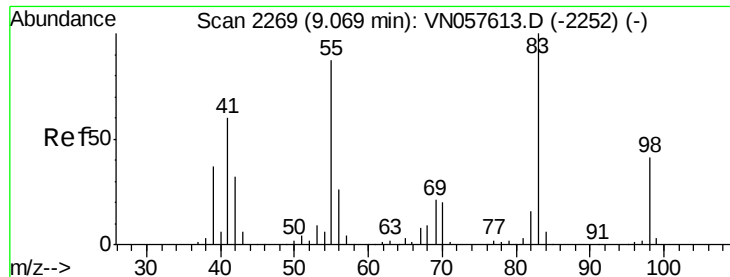
#38
 Carbon Tetrachloride
 Concen: 52.895 ug/l
 RT: 7.76 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Tgt Ion: 117 Resp: 187101
 Ion Ratio Lower Upper
 117 100
 119 98.3 80.6 120.8
 121 31.9 25.1 37.7



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

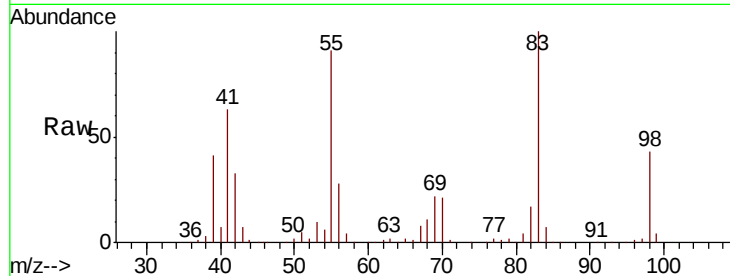




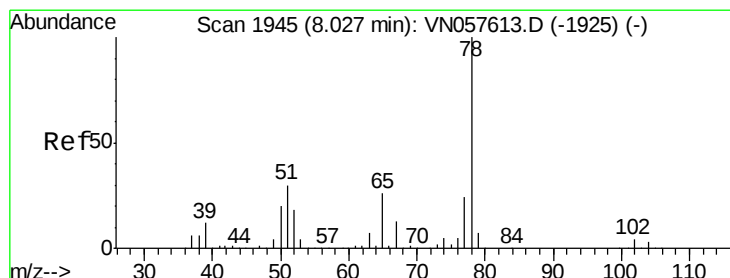
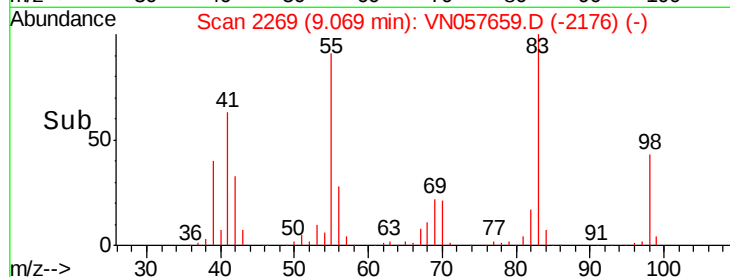
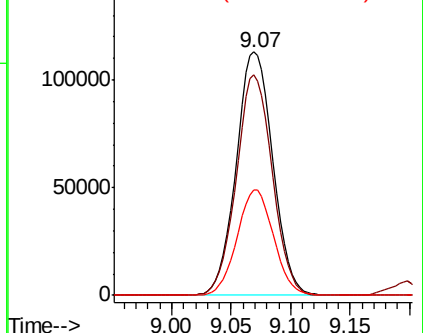
#39
Methylcyclohexane
Concen: 51.648 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 241128
Ion Ratio Lower Upper
83 100
55 90.7 69.8 104.8
98 43.4 32.7 49.1

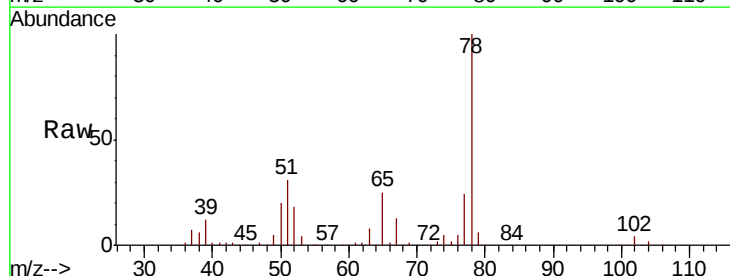


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

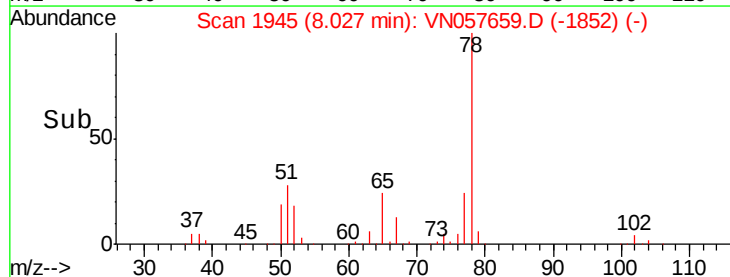
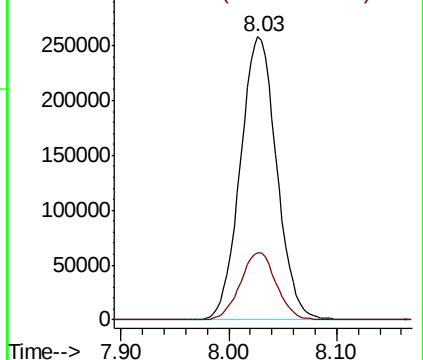


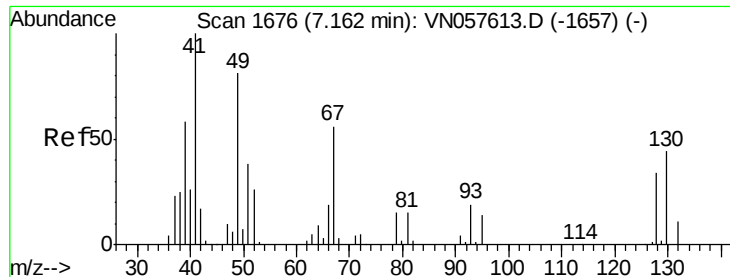
#40
Benzene
Concen: 52.575 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Tgt Ion: 78 Resp: 604754
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7



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

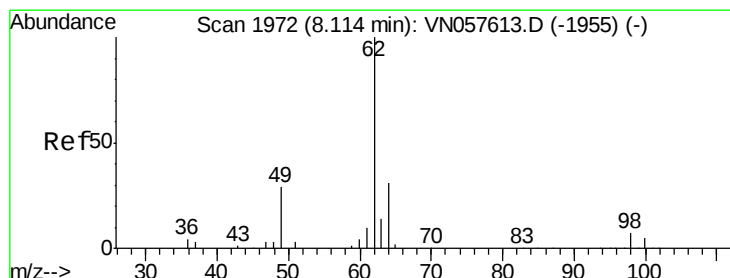
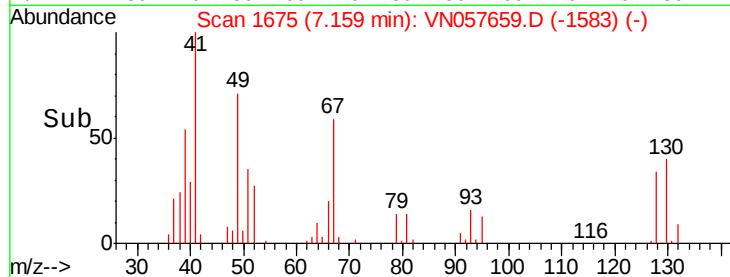
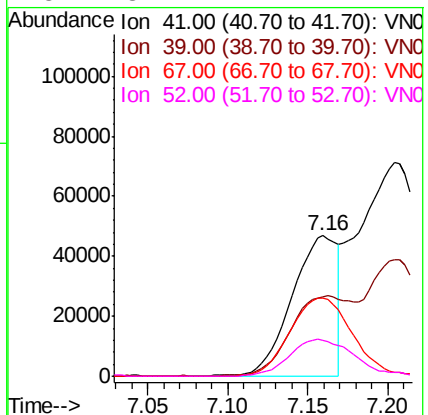
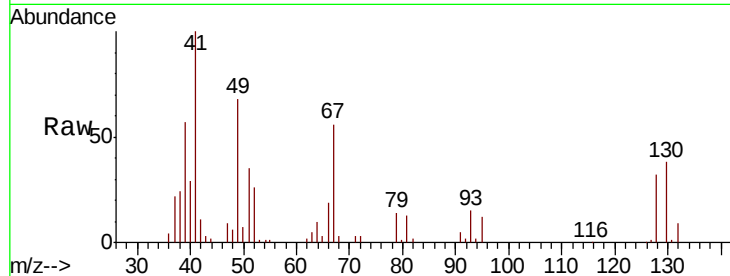




#41
Methacrylonitrile
Concen: 44.566 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

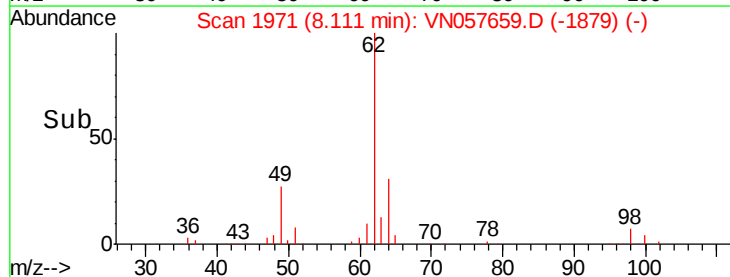
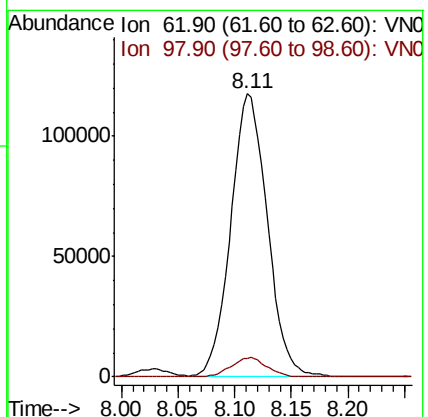
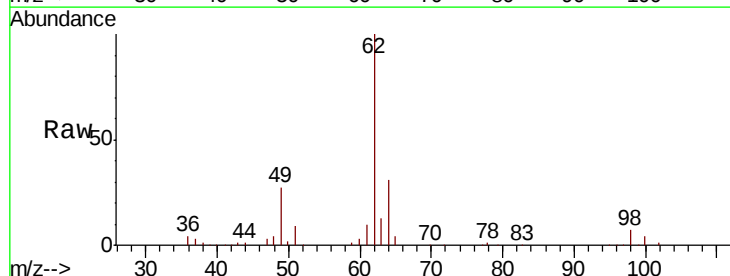
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

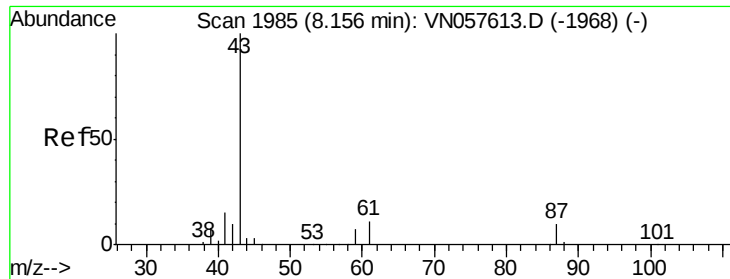
Tgt Ion: 41 Resp: 93484
Ion Ratio Lower Upper
41 100
39 79.8 50.6 75.8#
67 76.8 56.9 85.3
52 37.4 27.4 41.2



#42
1,2-Dichloroethane
Concen: 56.463 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Tgt Ion: 62 Resp: 263800
Ion Ratio Lower Upper
62 100
98 6.7 0.0 14.0

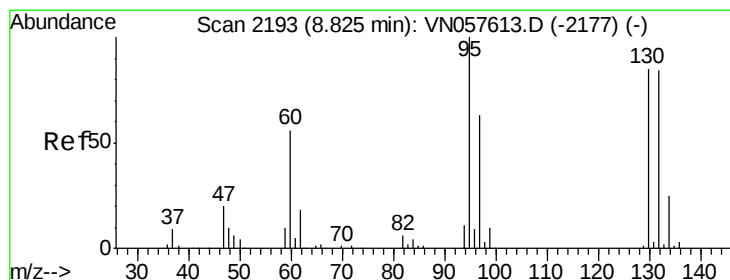
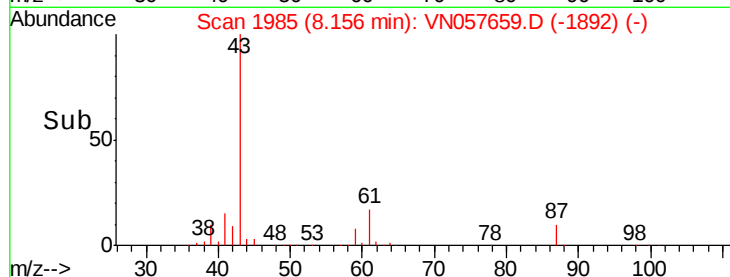
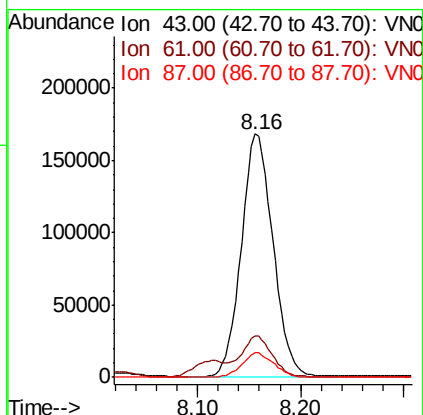
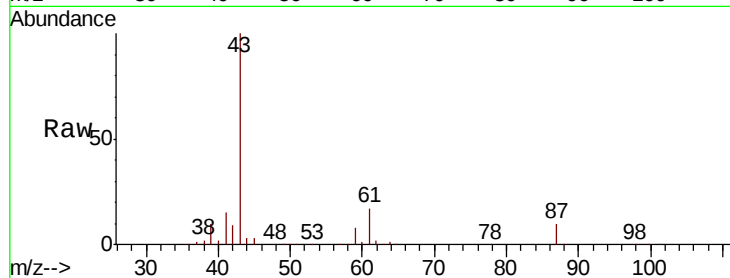




#43
Isopropyl Acetate
Concen: 53.093 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

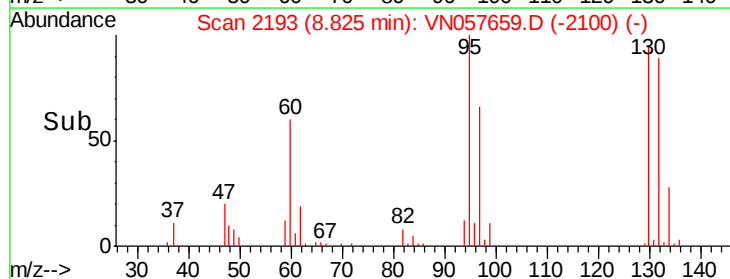
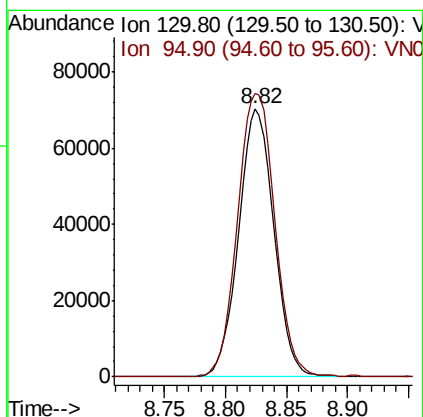
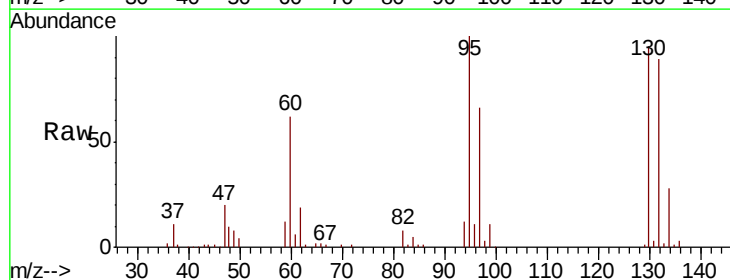
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

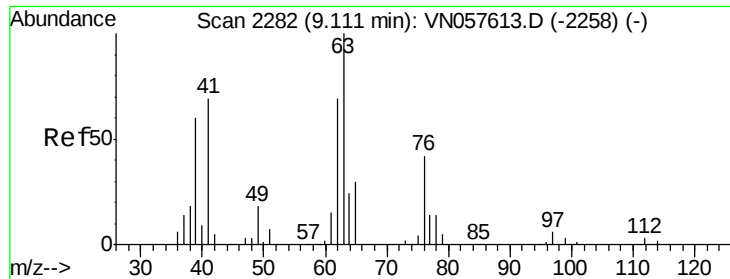
Tgt Ion: 43 Resp: 359559
Ion Ratio Lower Upper
43 100
61 16.3 13.1 19.7
87 10.1 8.1 12.1



#44
Trichloroethene
Concen: 53.804 ug/l
RT: 8.82 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Tgt Ion: 130 Resp: 140397
Ion Ratio Lower Upper
130 100
95 105.5 0.0 234.4

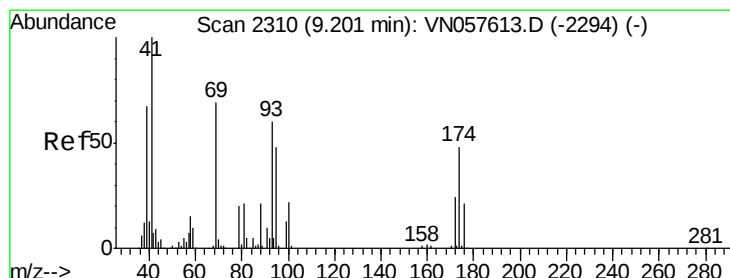
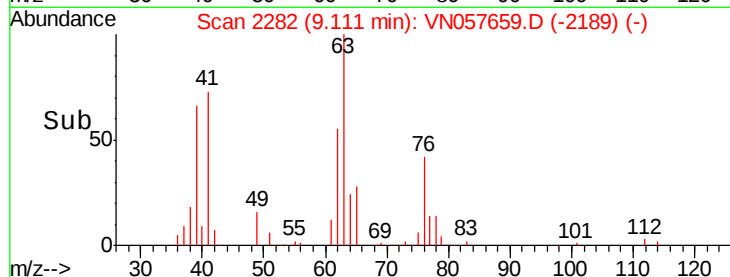
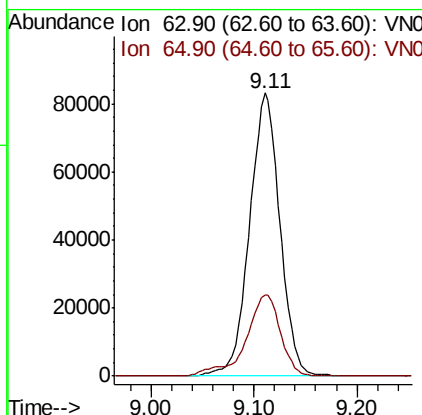
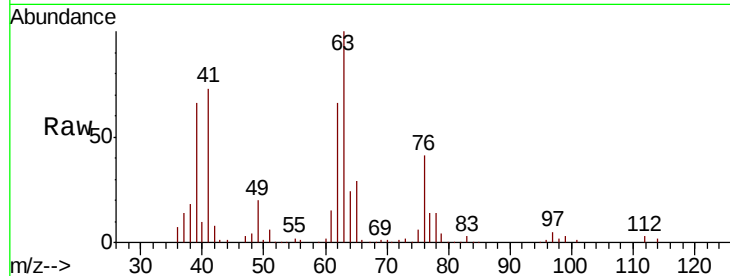




#45
 1,2-Dichloropropane
 Concen: 52.857 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

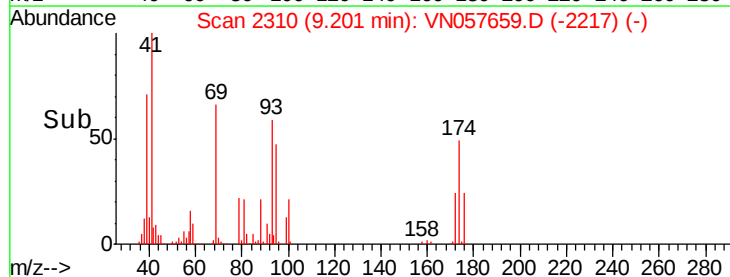
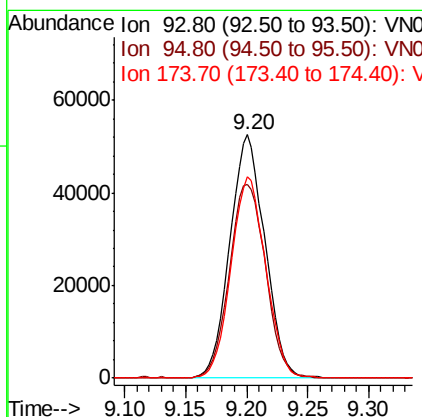
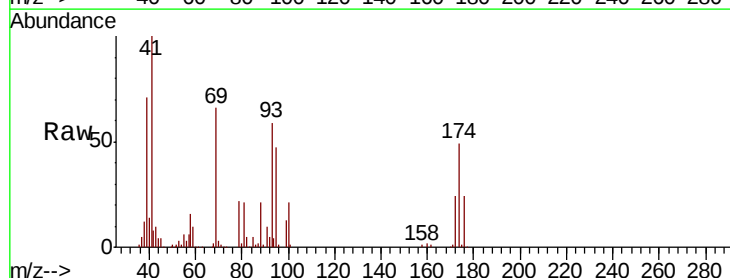
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

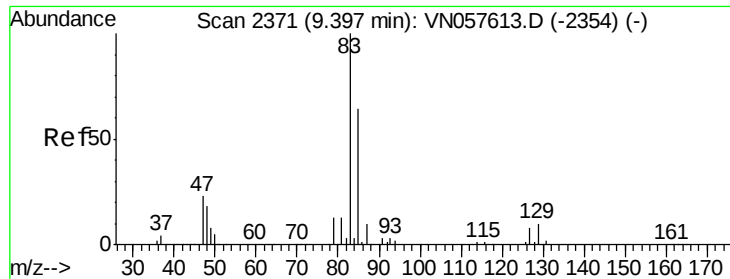
Tgt Ion: 63 Resp: 169356
 Ion Ratio Lower Upper
 63 100
 65 28.6 24.4 36.6



#46
 Dibromomethane
 Concen: 52.763 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Tgt Ion: 93 Resp: 104673
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.8 98.6
 174 82.0 64.2 96.2





#47

Bromodichloromethane

Concen: 52.084 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

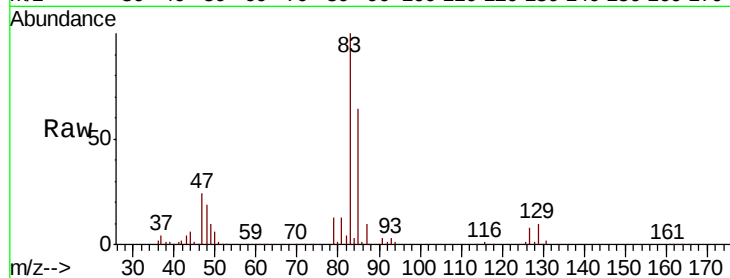
Tgt Ion: 83 Resp: 209923

Ion Ratio Lower Upper

83 100

85 64.2 51.4 77.0

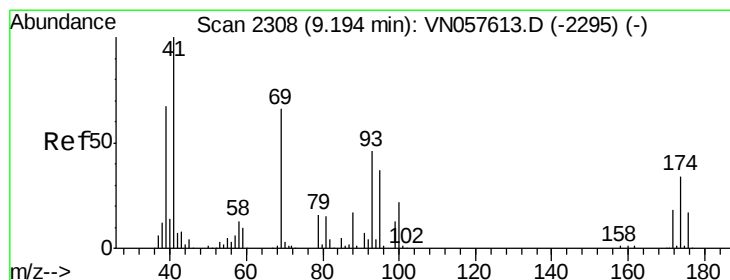
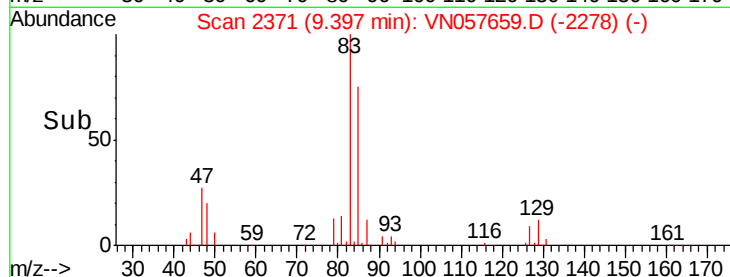
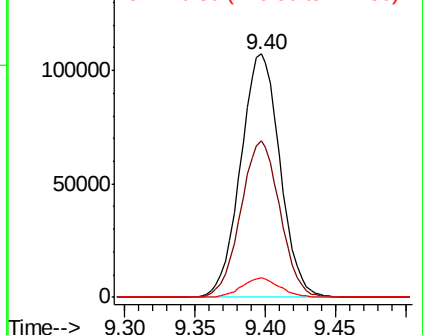
127 7.9 6.1 9.1



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: 53.721 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

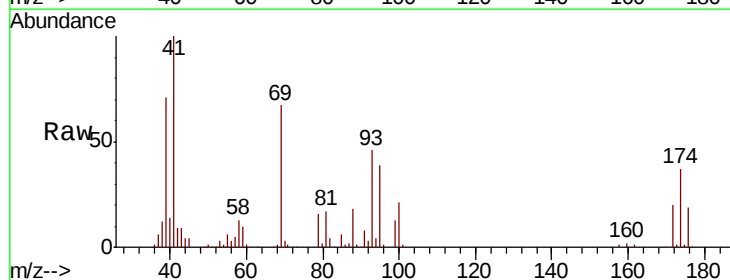
Tgt Ion: 41 Resp: 185745

Ion Ratio Lower Upper

41 100

69 67.6 55.1 82.7

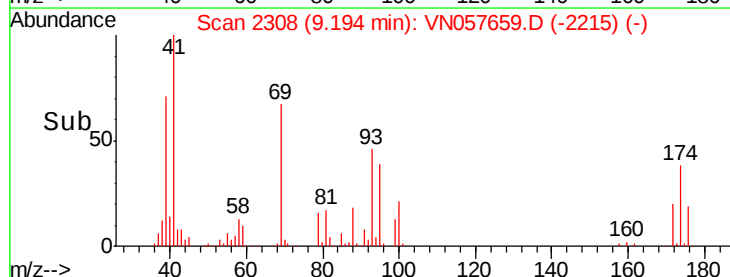
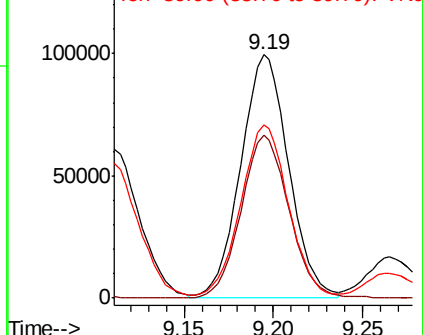
39 71.3 55.4 83.2

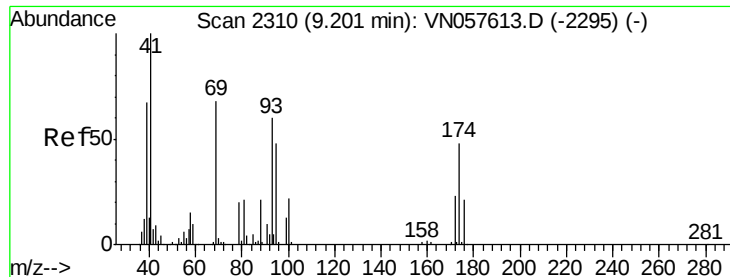


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 1082.599 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

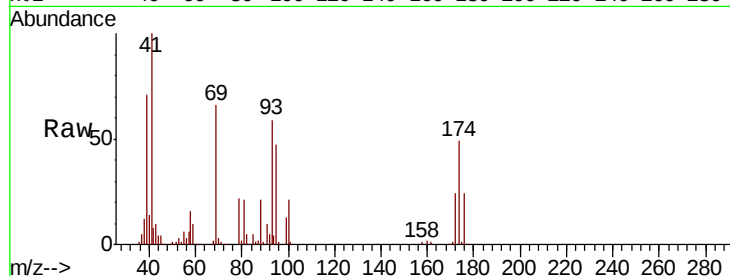
Tgt Ion: 88 Resp: 43832

Ion Ratio Lower Upper

88 100

43 43.6 35.0 52.4

58 75.6 61.6 92.4

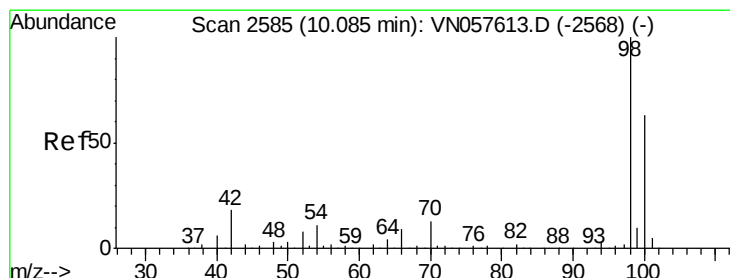
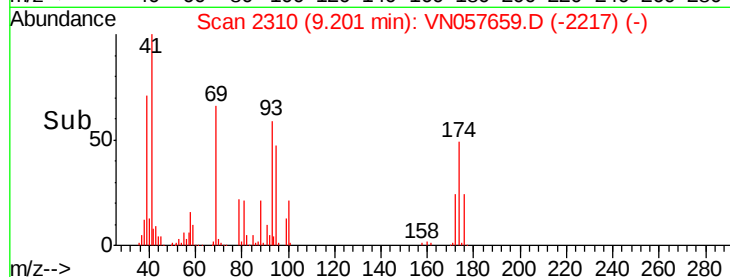
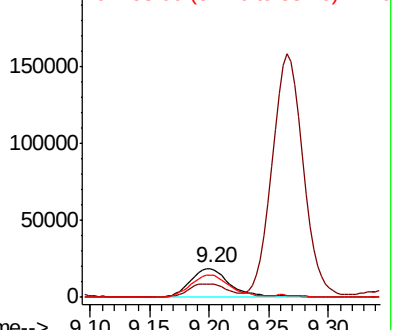


Abundance

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: 52.599 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057659.D

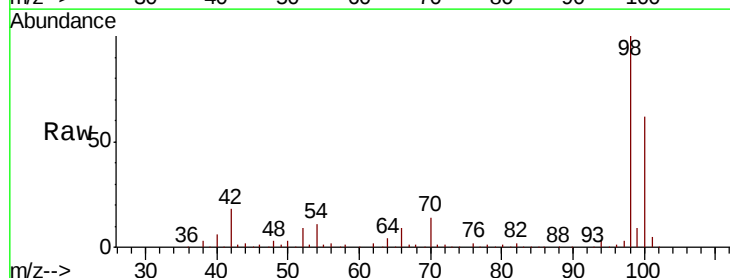
Acq: 1 Sep 2019 21:32

Tgt Ion: 98 Resp: 525627

Ion Ratio Lower Upper

98 100

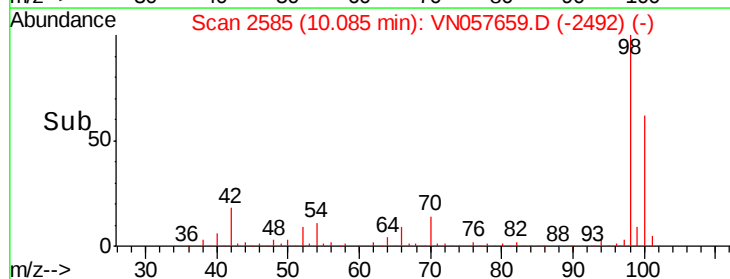
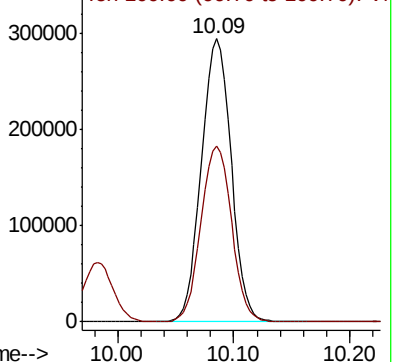
100 63.6 49.8 74.8

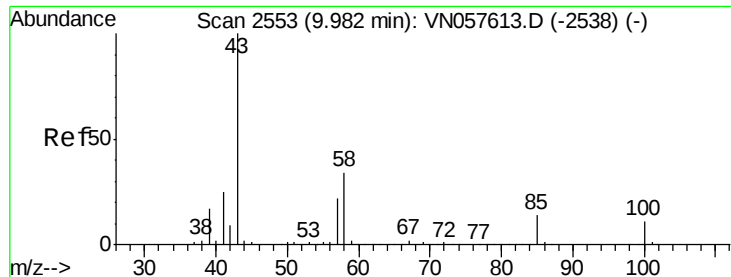


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 274.732 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Instrument :

MSVOA_N

ClientSampleId :

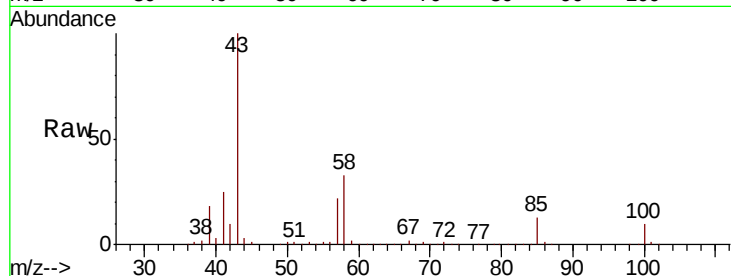
VSTDCCC050EC

Tgt Ion: 43 Resp: 1066361

Ion Ratio Lower Upper

43 100

58 33.3 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VN057613.D (-2538) (-)

Ion 58.00 (57.70 to 58.70): VN057613.D (-2538) (-)

9.98

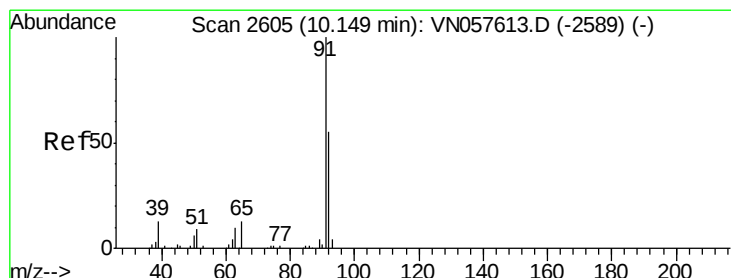
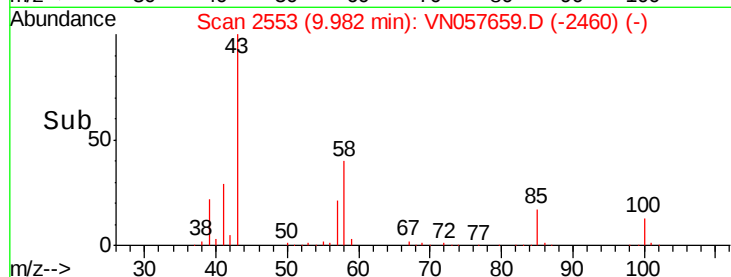
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 54.703 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN057659.D

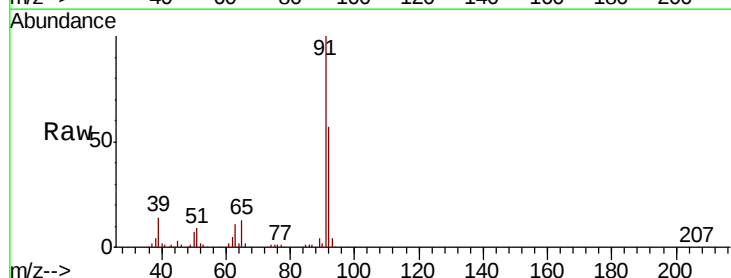
Acq: 1 Sep 2019 21:32

Tgt Ion: 92 Resp: 371899

Ion Ratio Lower Upper

92 100

91 174.7 143.8 215.6



Abundance Ion 92.00 (91.70 to 92.70): VN057613.D (-2589) (-)

Ion 91.00 (90.70 to 91.70): VN057613.D (-2589) (-)

10.15

400000

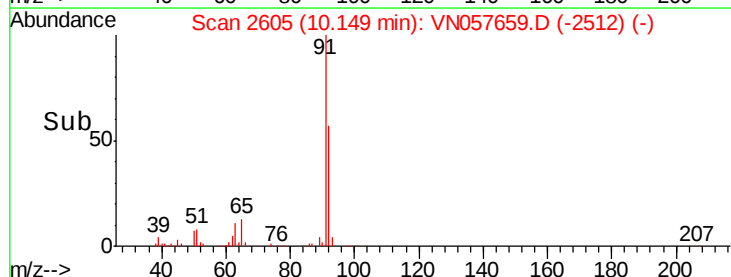
300000

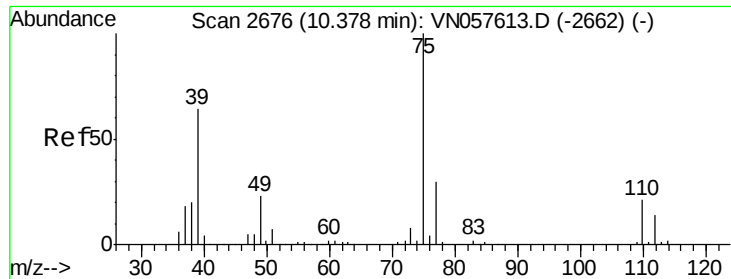
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 45.531 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Instrument :

MSVOA_N

ClientSampleId :

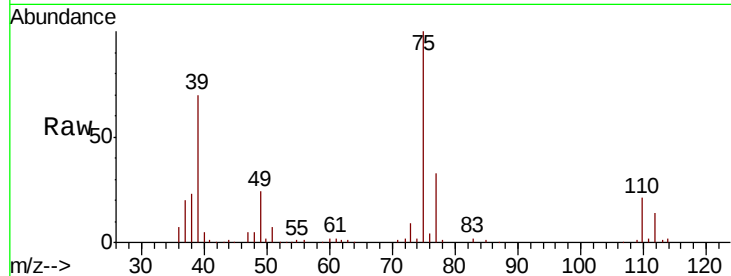
VSTDCCC050EC

Tgt Ion: 75 Resp: 203632

Ion Ratio Lower Upper

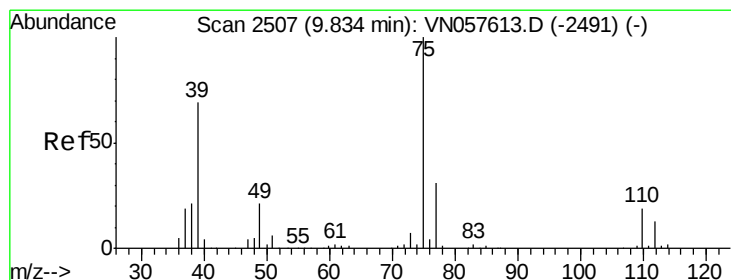
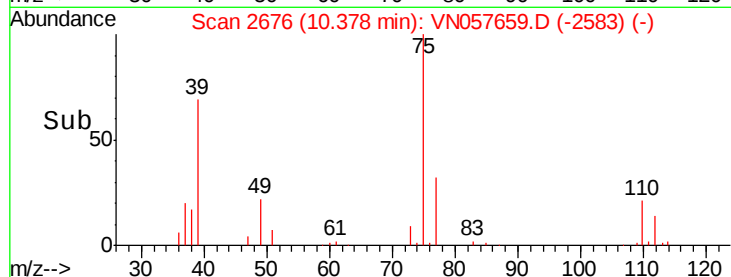
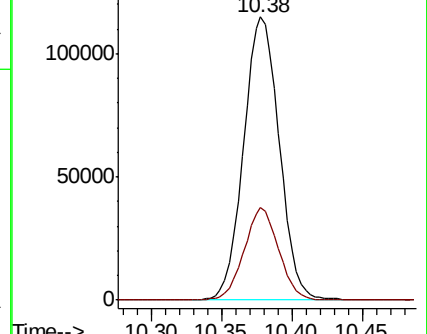
75 100

77 32.7 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 47.548 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

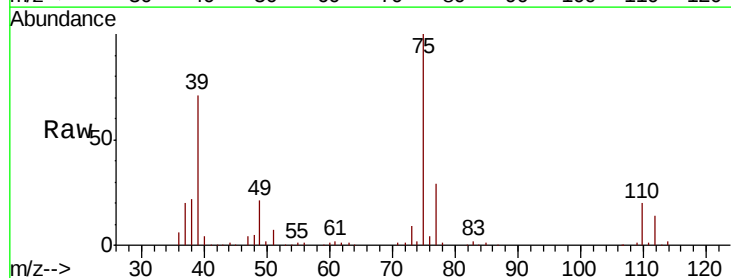
Tgt Ion: 75 Resp: 234708

Ion Ratio Lower Upper

75 100

77 29.4 24.8 37.2

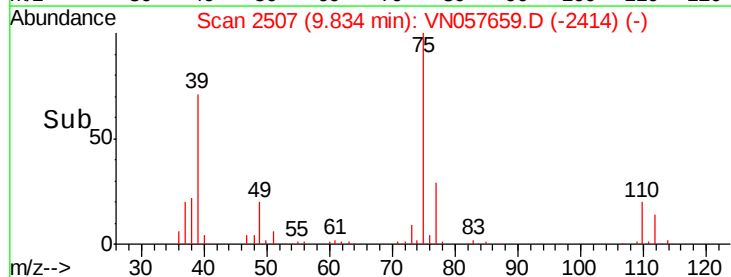
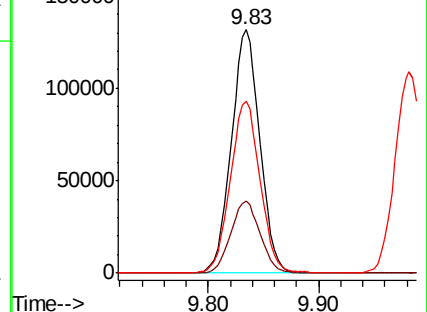
39 70.6 55.0 82.4

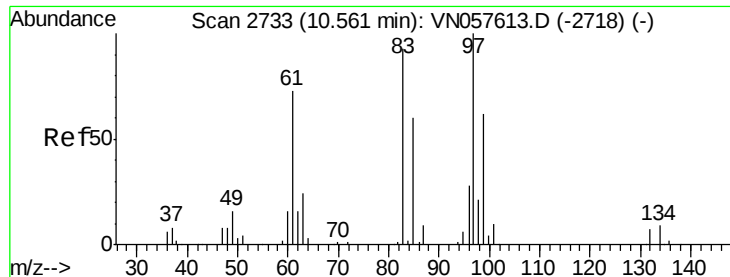


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 53.988 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. -0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 139257

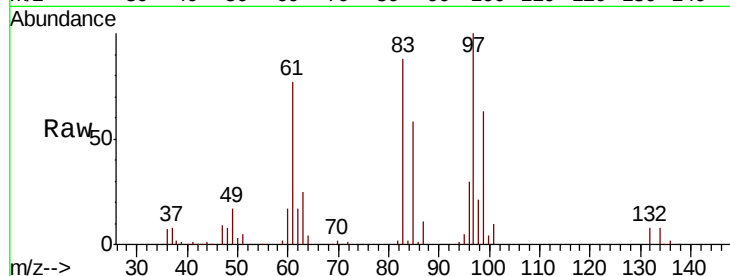
Ion Ratio Lower Upper

97 100

83 88.4 74.2 111.2

85 57.7 47.8 71.8

99 63.4 49.3 73.9

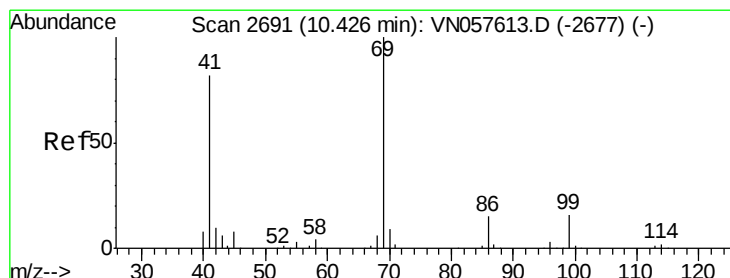
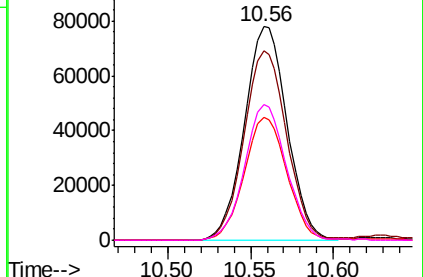
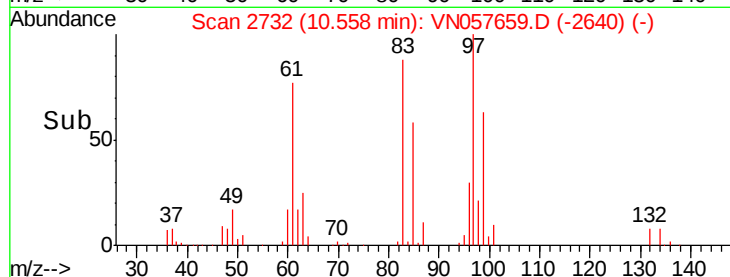


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 52.032 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

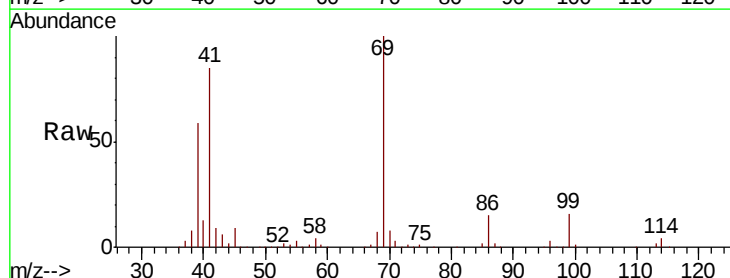
Tgt Ion: 69 Resp: 223971

Ion Ratio Lower Upper

69 100

41 84.5 65.8 98.6

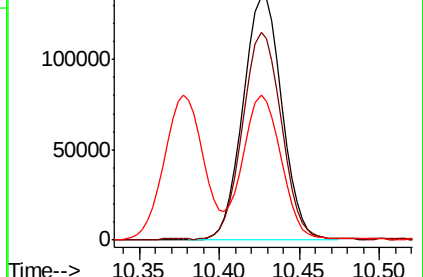
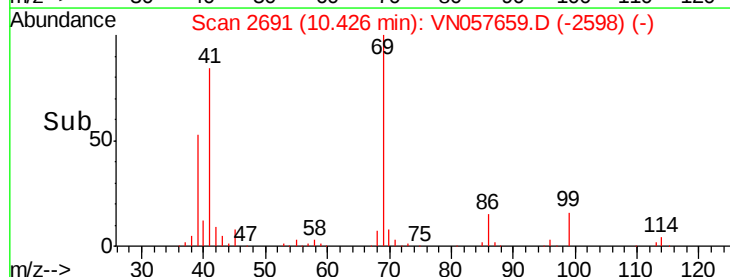
39 57.4 43.8 65.8

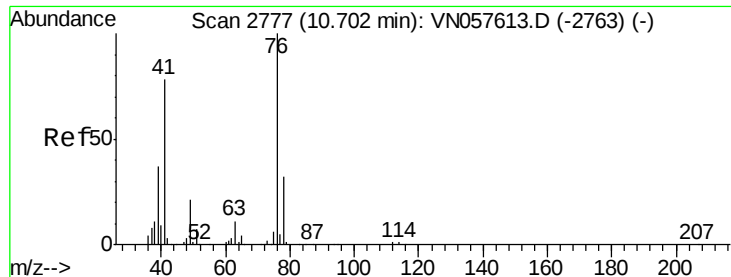


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 52.132 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Instrument :

MSVOA_N

ClientSampleId :

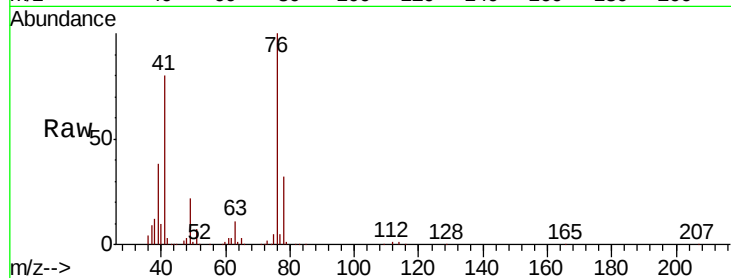
VSTDCCC050EC

Tgt Ion: 76 Resp: 246711

Ion Ratio Lower Upper

76 100

78 32.3 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

150000

100000

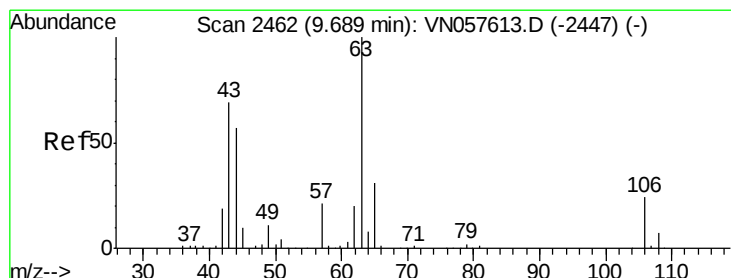
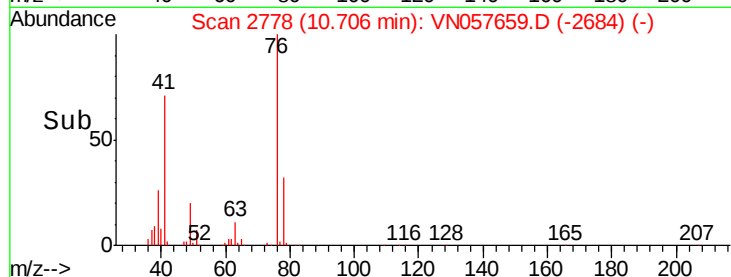
50000

0

Time--> 10.60

10.70

10.80



#58

2-Chloroethyl Vinyl ether

Concen: 241.889 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057659.D

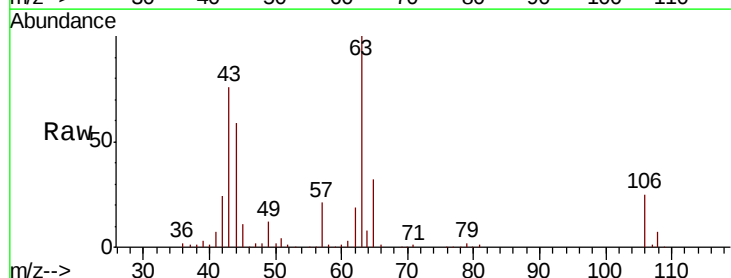
Acq: 1 Sep 2019 21:32

Tgt Ion: 63 Resp: 304623

Ion Ratio Lower Upper

63 100

106 23.6 18.3 27.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.69

200000

150000

100000

50000

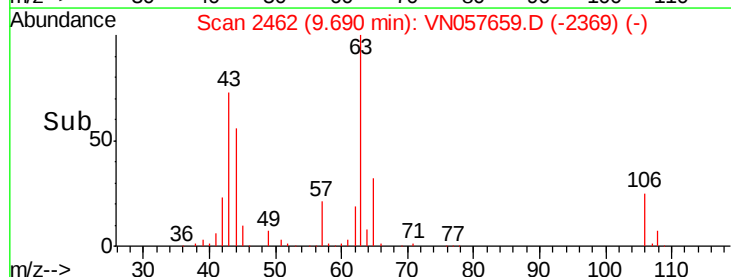
0

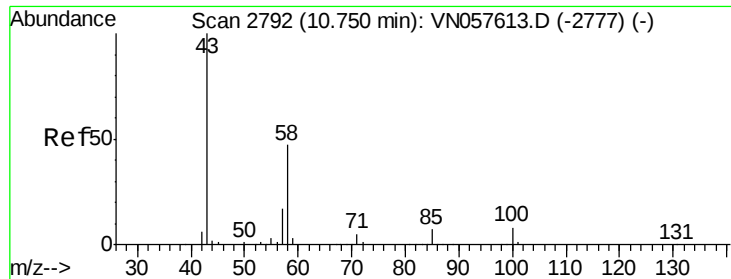
Time--> 9.60

9.65

9.70

9.75

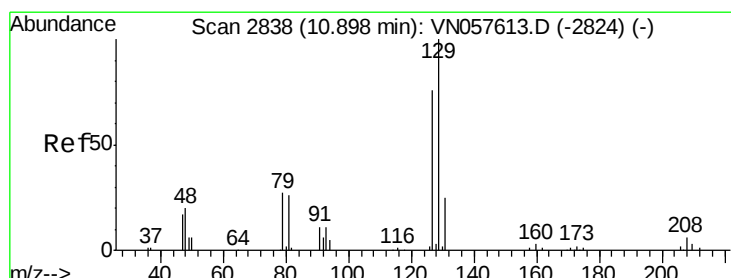
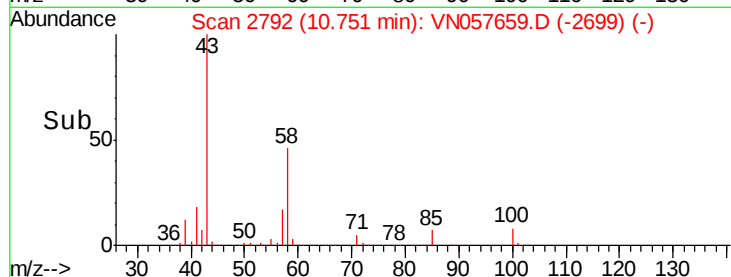
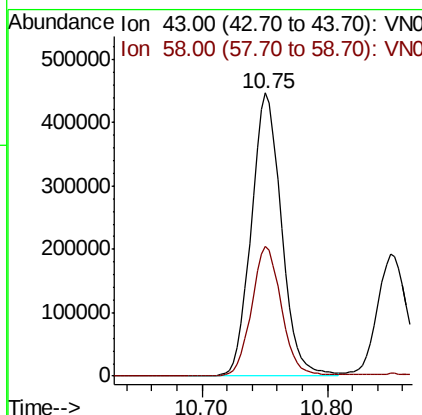
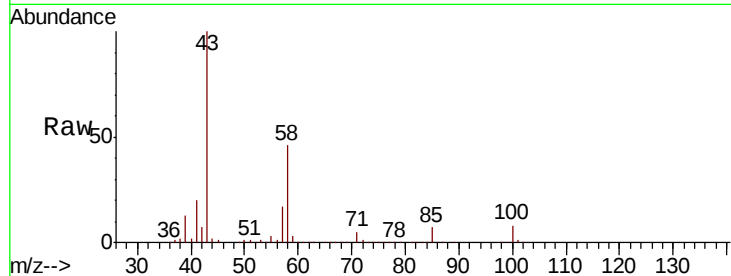




#59
2-Hexanone
Concen: 262.384 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

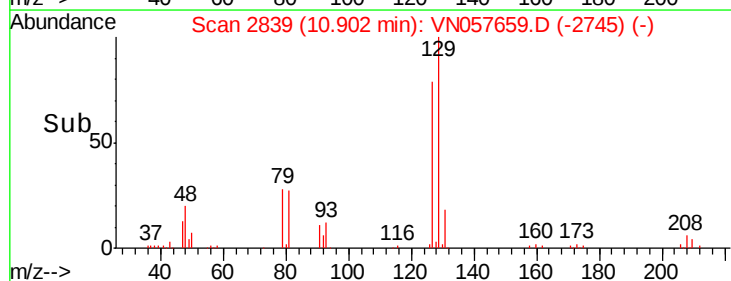
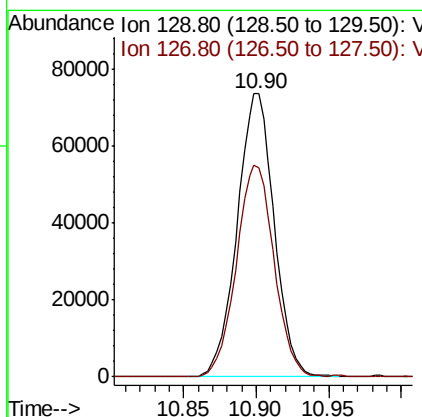
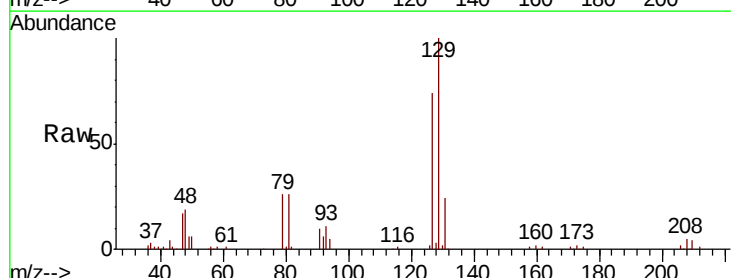
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

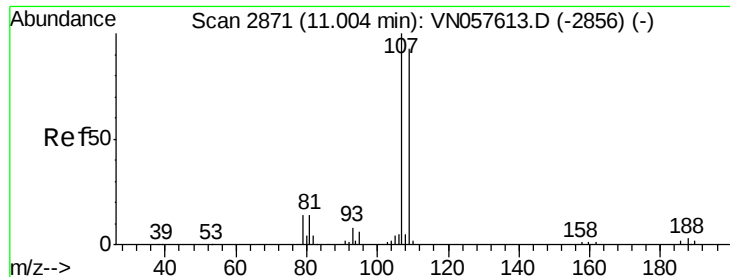
Tgt Ion: 43 Resp: 747891
Ion Ratio Lower Upper
43 100
58 45.6 23.5 70.5



#60
Dibromochloromethane
Concen: 46.457 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Tgt Ion: 129 Resp: 130602
Ion Ratio Lower Upper
129 100
127 76.0 38.3 114.8





#61

1,2-Dibromoethane

Concen: 53.626 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. -0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Instrument :

MSVOA_N

ClientSampleId :

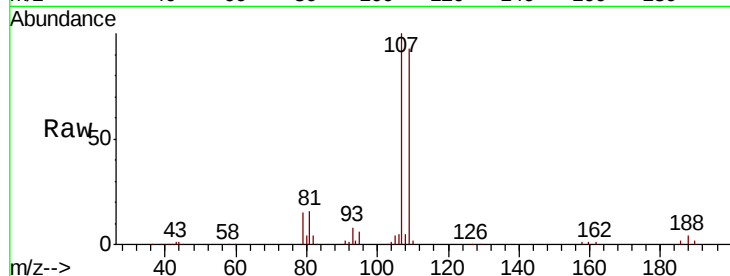
VSTDCCC050EC

Tgt Ion: 107 Resp: 139282

Ion Ratio Lower Upper

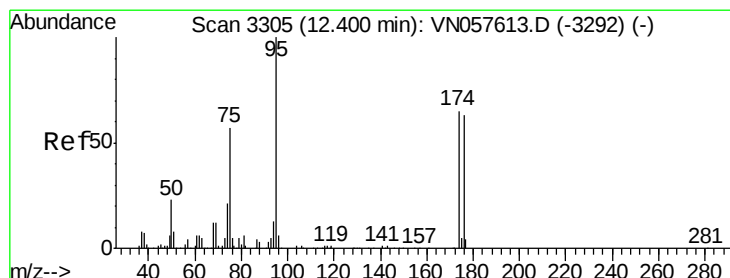
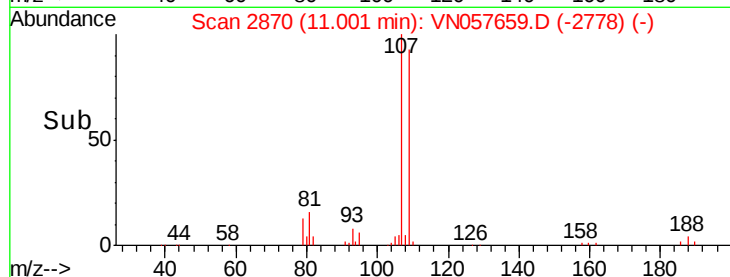
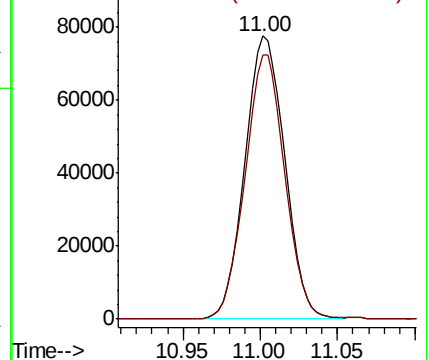
107 100

109 93.2 75.0 112.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.704 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

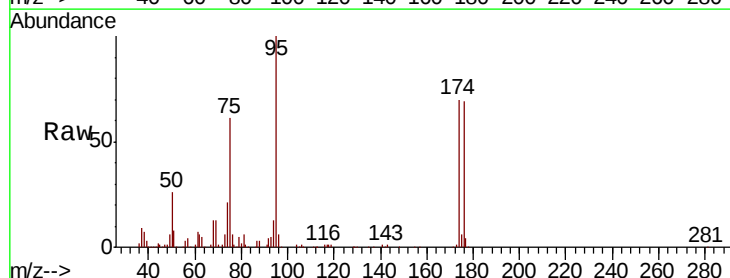
Tgt Ion: 95 Resp: 204074

Ion Ratio Lower Upper

95 100

174 67.9 0.0 134.8

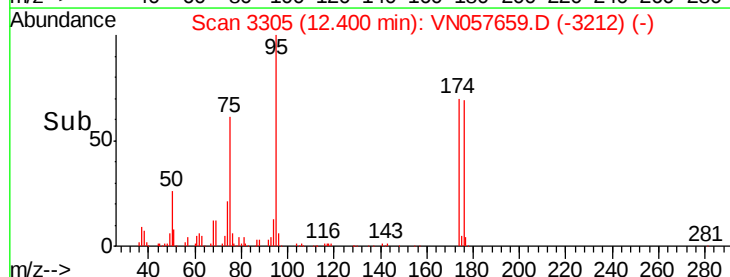
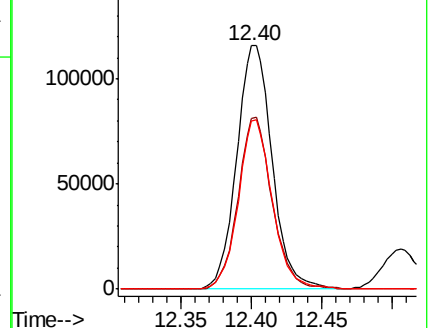
176 66.8 0.0 131.6

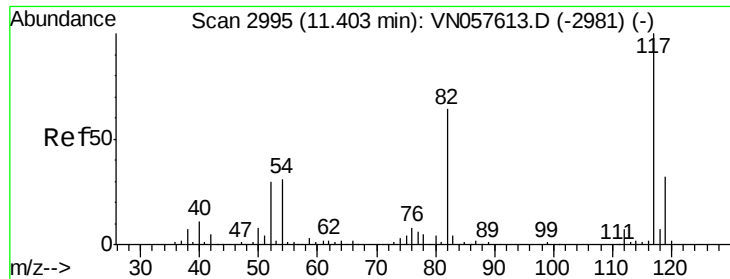


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

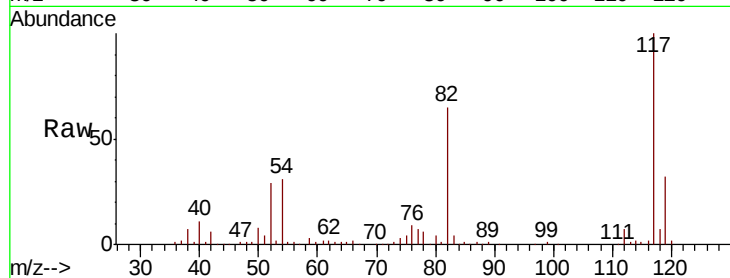
Tgt Ion:117 Resp: 279164

Ion Ratio Lower Upper

117 100

82 64.9 51.6 77.4

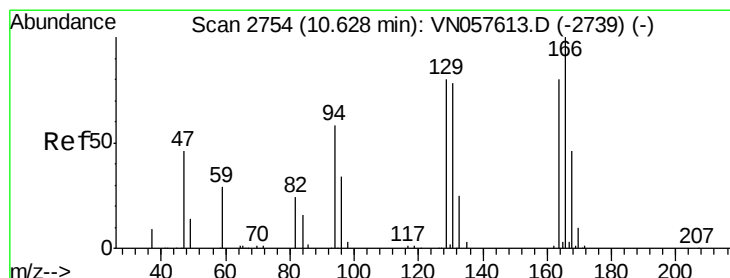
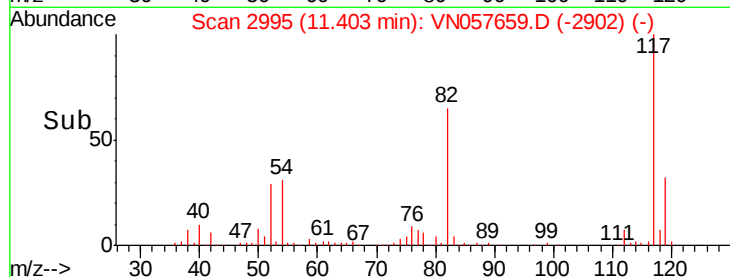
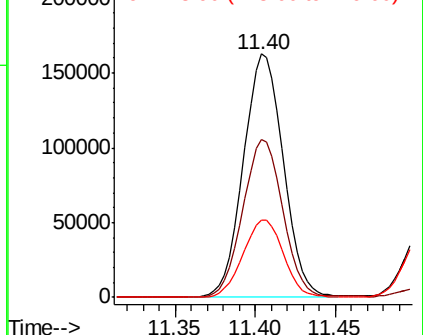
119 31.8 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 53.186 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Tgt Ion:164 Resp: 128563

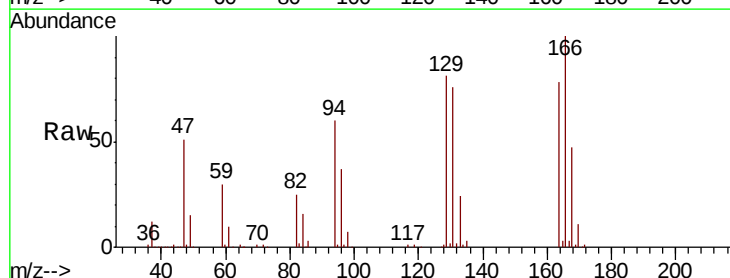
Ion Ratio Lower Upper

164 100

166 128.9 100.6 151.0

129 104.2 80.4 120.6

131 97.7 78.6 118.0

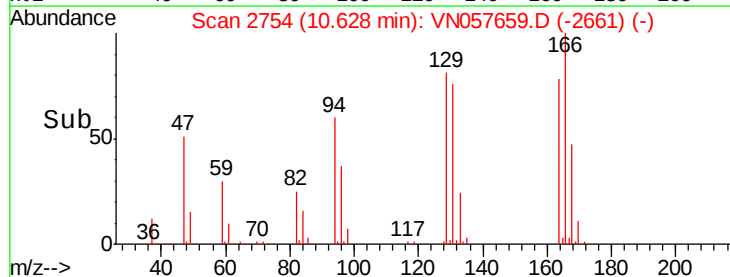
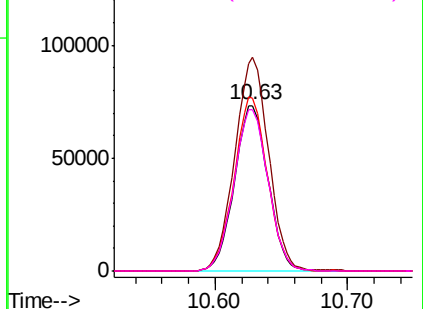


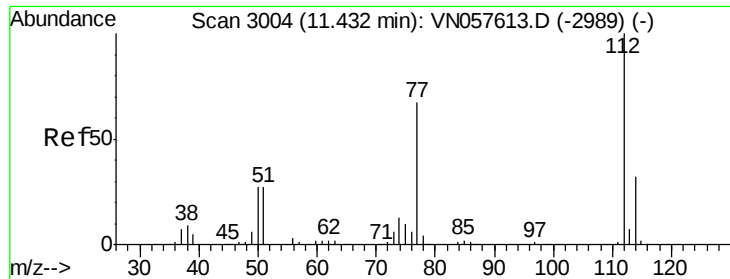
Abundance Ion 163.80 (163.50 to 164.50): V

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

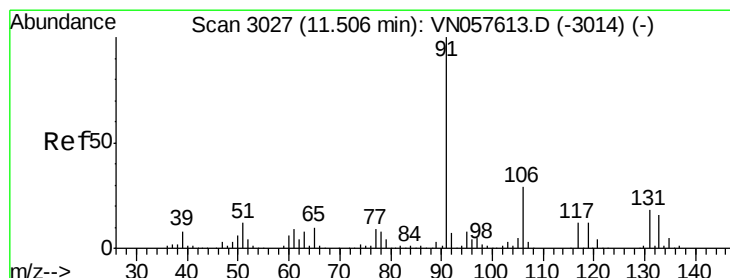
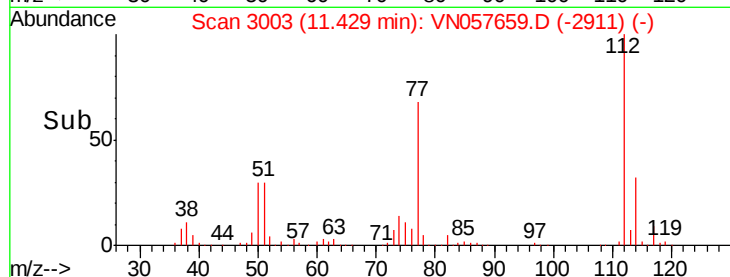
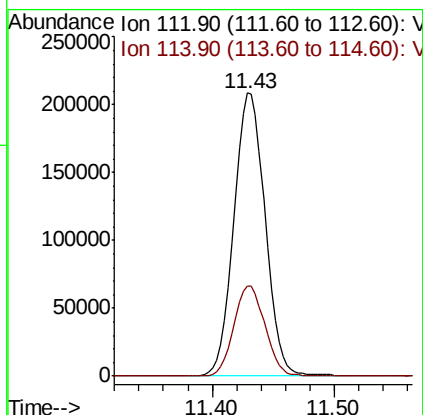
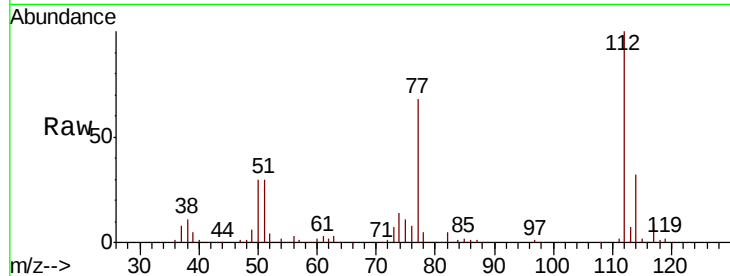




#65
Chlorobenzene
Concen: 52.953 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

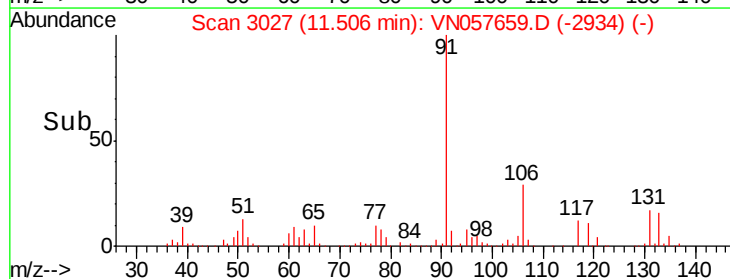
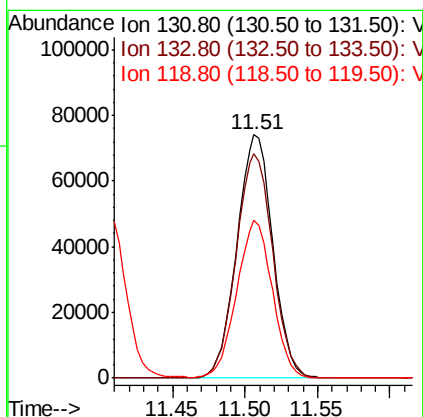
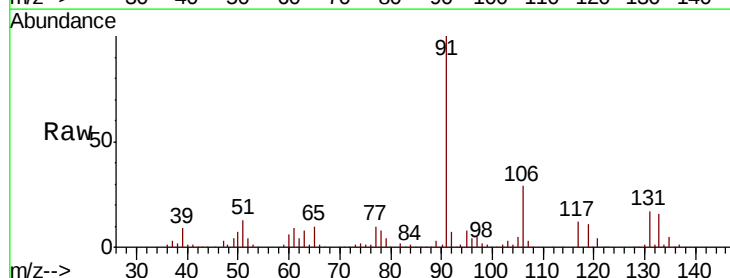
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

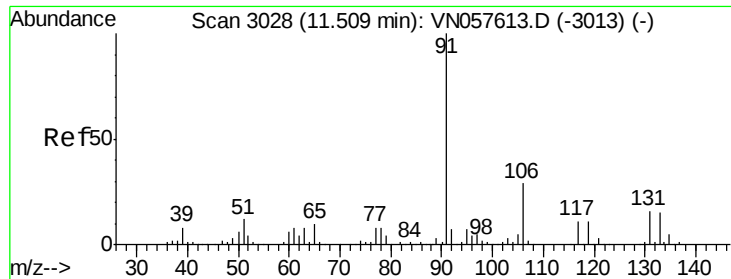
Tgt Ion:112 Resp: 370417
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.290 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Tgt Ion:131 Resp: 127570
Ion Ratio Lower Upper
131 100
133 93.8 47.8 143.4
119 64.2 33.9 101.6

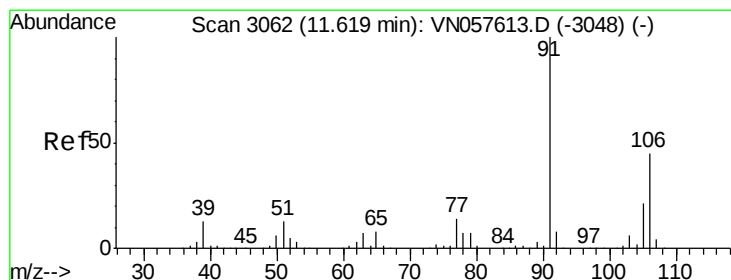
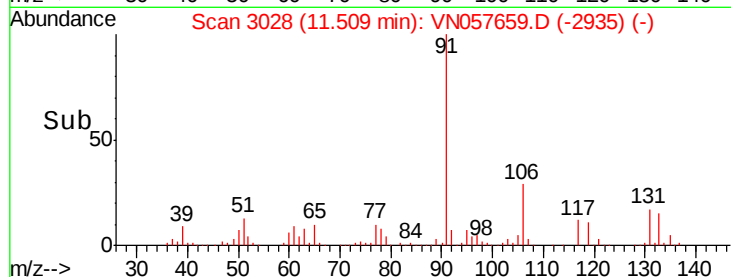
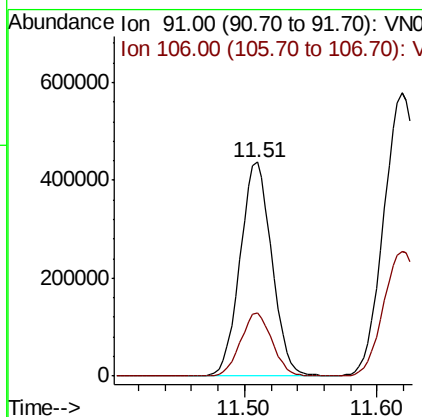
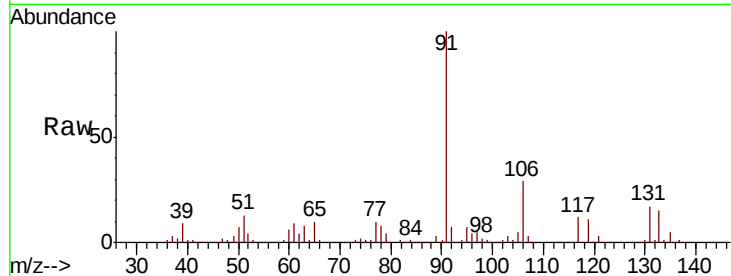




#67
Ethyl Benzene
Concen: 53.357 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

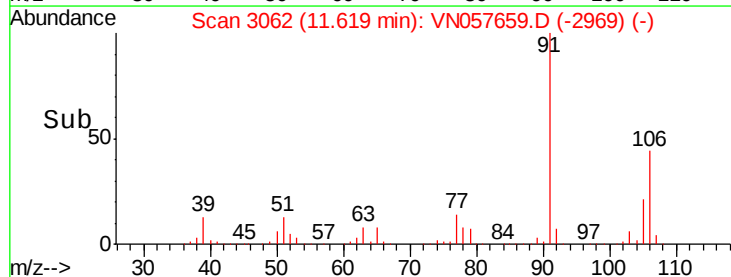
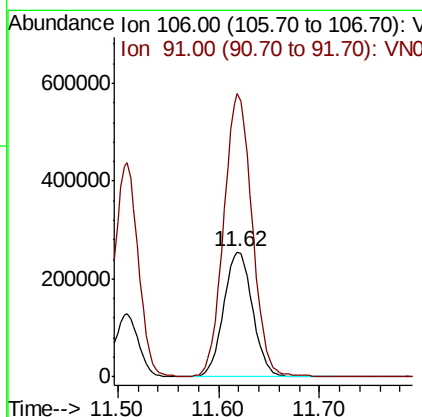
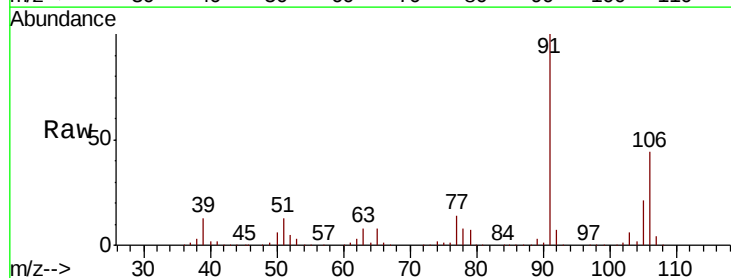
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

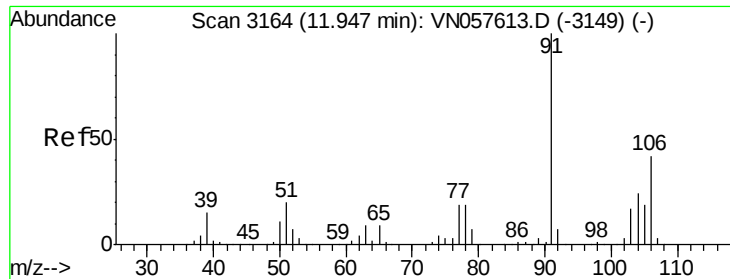
Tgt Ion: 91 Resp: 725210
Ion Ratio Lower Upper
91 100
106 29.4 22.9 34.3



#68
m/p-Xylenes
Concen: 106.917 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Tgt Ion: 106 Resp: 511952
Ion Ratio Lower Upper
106 100
91 222.8 176.2 264.2

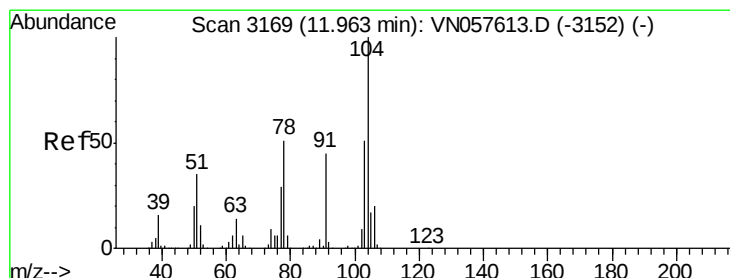
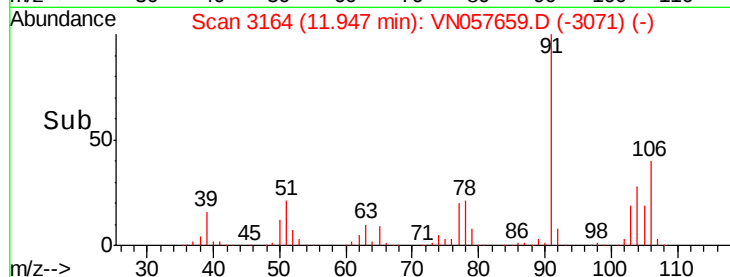
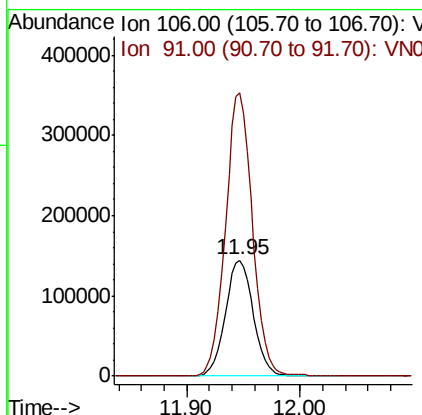
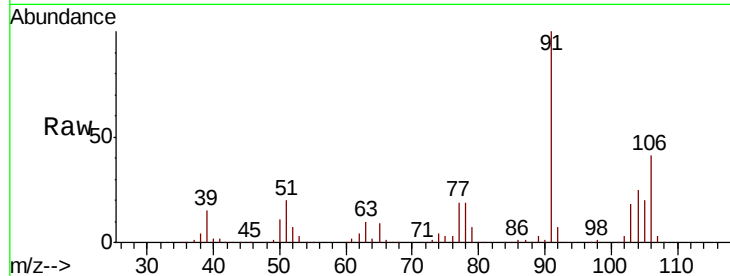




#69
o-Xylene
Concen: 53.455 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

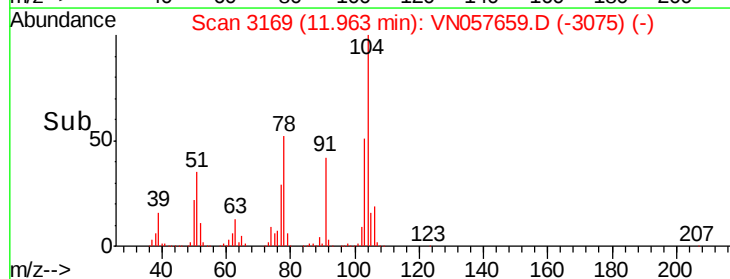
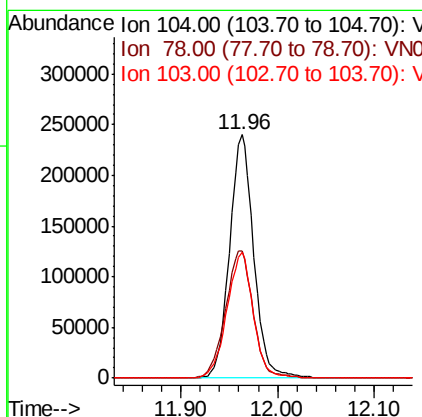
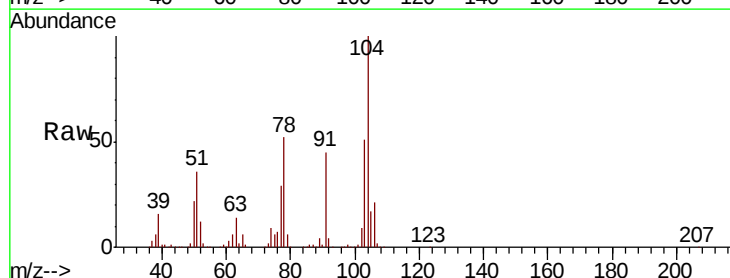
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

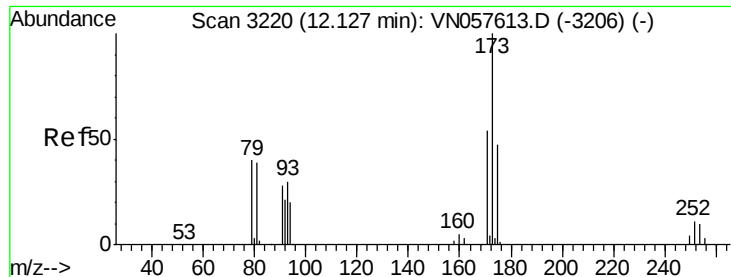
Tgt Ion:106 Resp: 248060
Ion Ratio Lower Upper
106 100
91 235.4 117.3 351.8



#70
Styrene
Concen: 49.816 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Tgt Ion:104 Resp: 415966
Ion Ratio Lower Upper
104 100
78 59.6 46.6 70.0
103 56.2 44.7 67.1





#71

Bromoform

Concen: 44.106 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

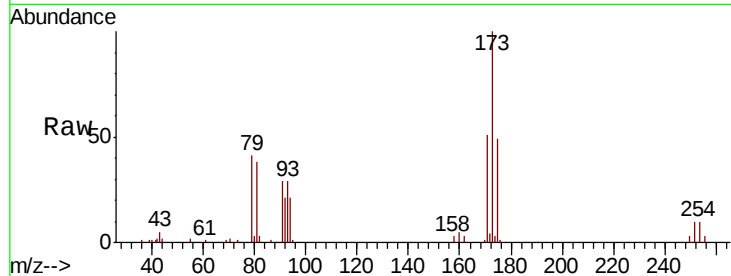
Tgt Ion:173 Resp: 78456

Ion Ratio Lower Upper

173 100

175 48.9 24.4 73.4

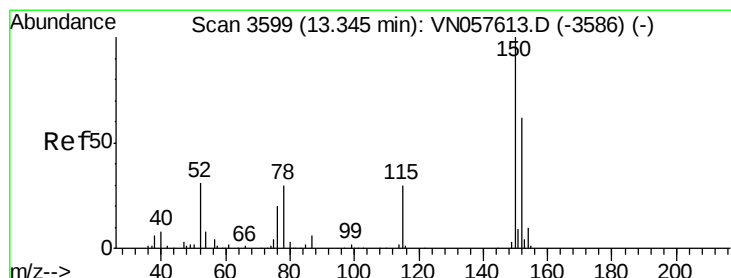
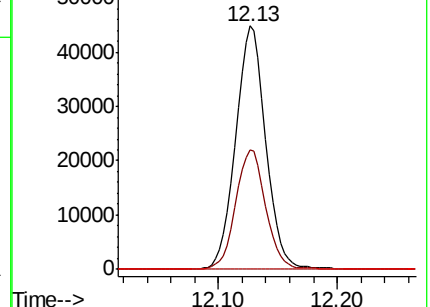
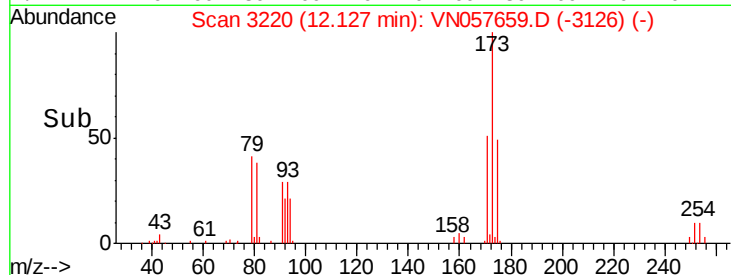
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

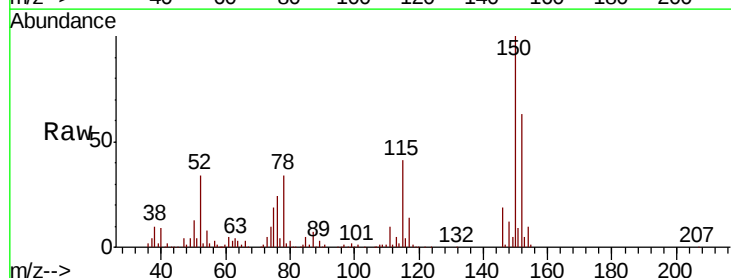
Tgt Ion:152 Resp: 136246

Ion Ratio Lower Upper

152 100

115 64.5 33.2 99.6

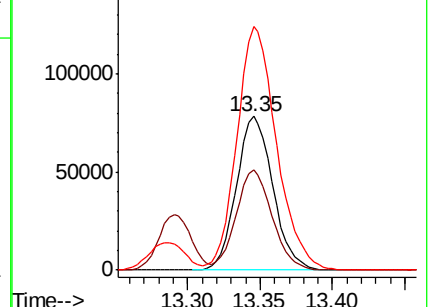
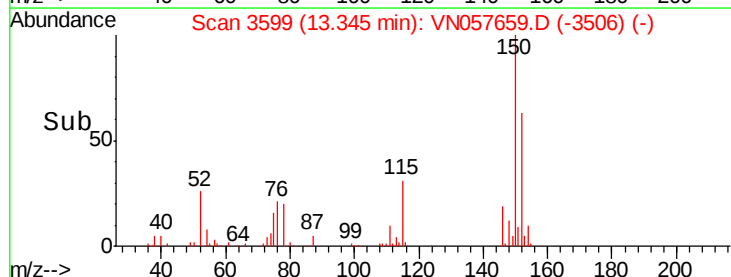
150 172.5 0.0 365.2

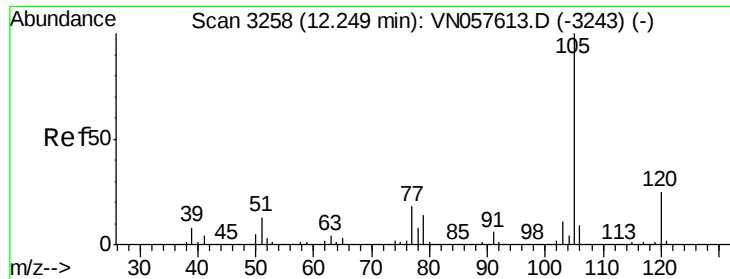


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.493 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Instrument :

MSVOA_N

ClientSampleId :

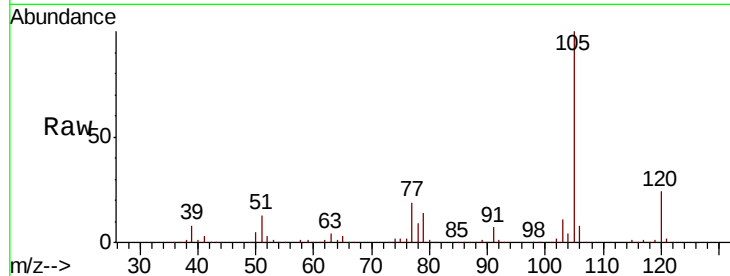
VSTDCCC050EC

Tgt Ion: 105 Resp: 694579

Ion Ratio Lower Upper

105 100

120 24.5 12.7 38.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

400000

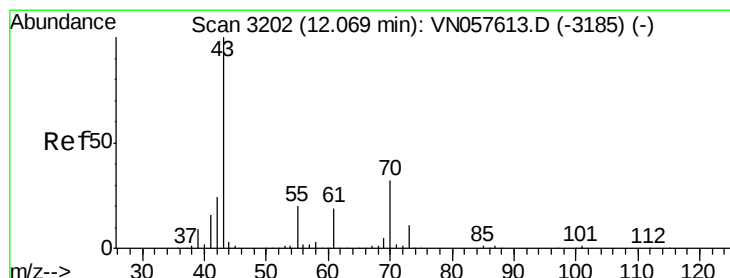
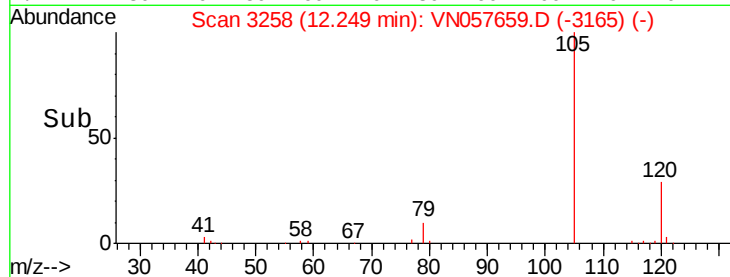
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 48.029 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Tgt Ion: 43 Resp: 311797

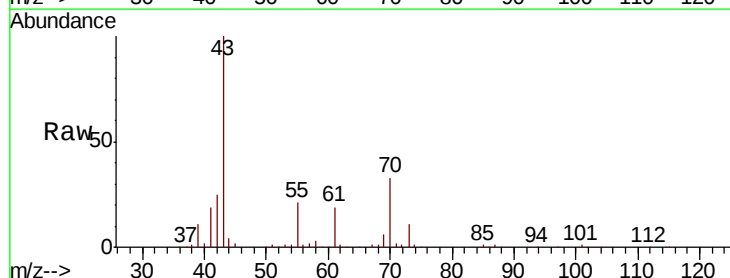
Ion Ratio Lower Upper

43 100

70 32.7 26.9 40.3

55 21.6 16.8 25.2

61 19.4 15.1 22.7



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

300000

250000

200000

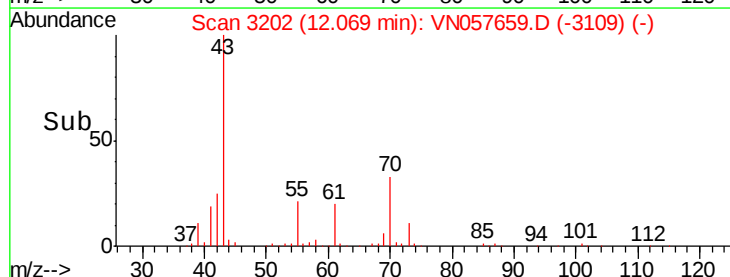
150000

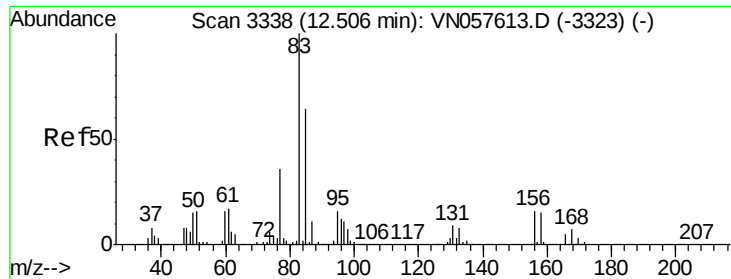
100000

50000

0

Time-->

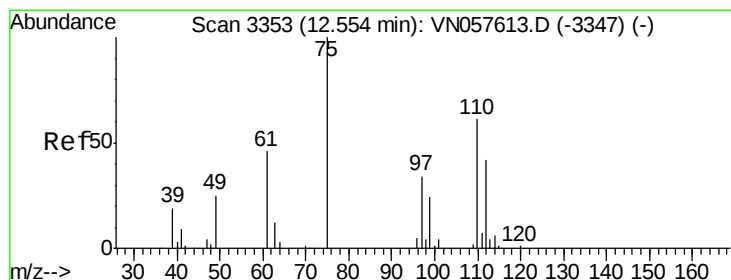
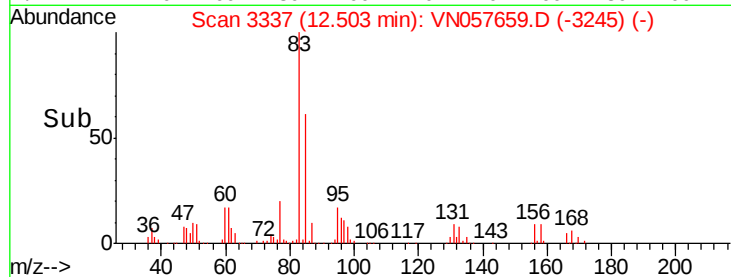
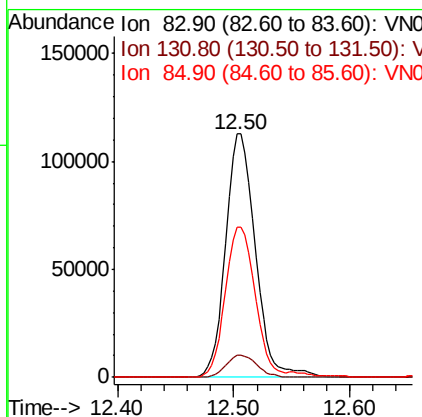
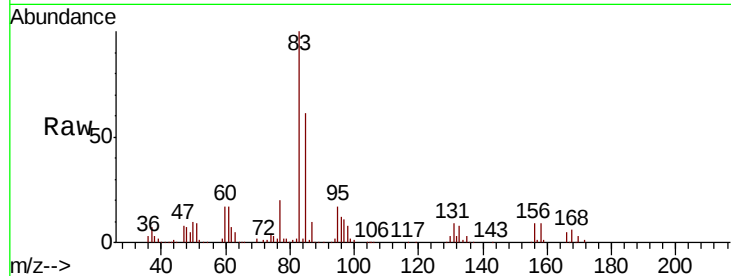




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.334 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. -0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

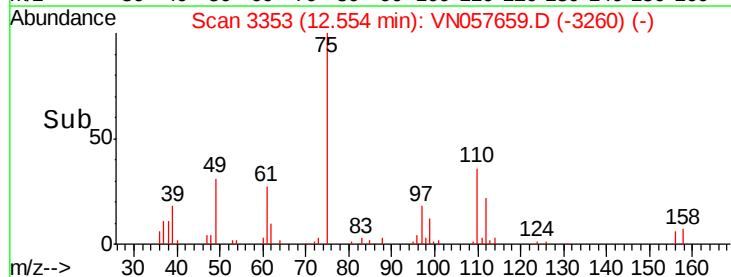
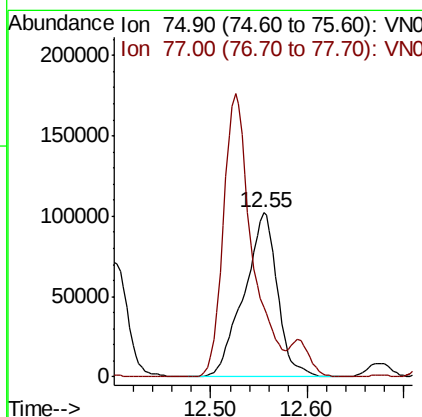
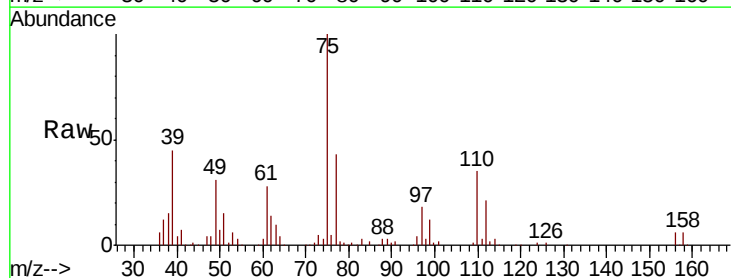
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

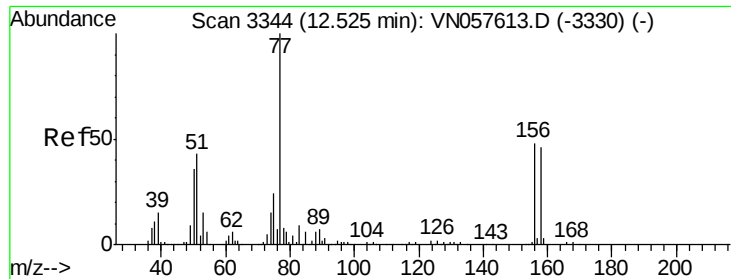
Tgt Ion: 83 Resp: 200013
 Ion Ratio Lower Upper
 83 100
 131 9.5 4.5 13.7
 85 61.7 31.3 93.8



#76
 1,2,3-Trichloropropane
 Concen: 68.331 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Tgt Ion: 75 Resp: 244891
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.357 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

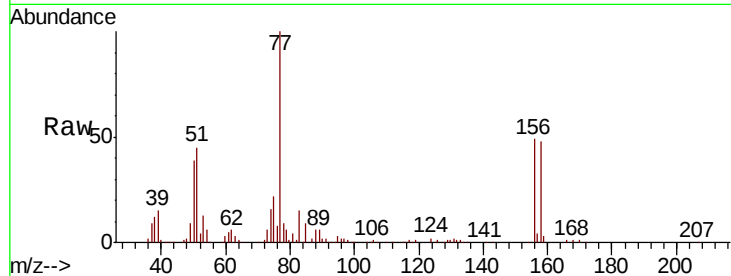
Tgt Ion:156 Resp: 150362

Ion Ratio Lower Upper

156 100

77 242.6 123.5 370.5

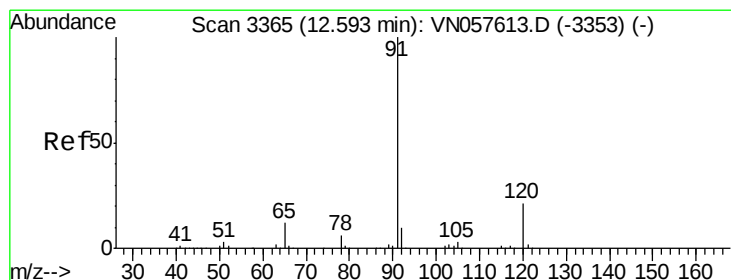
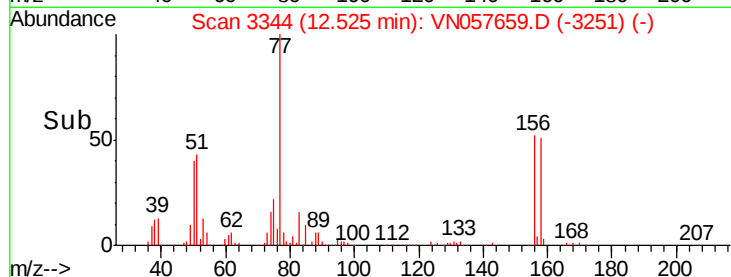
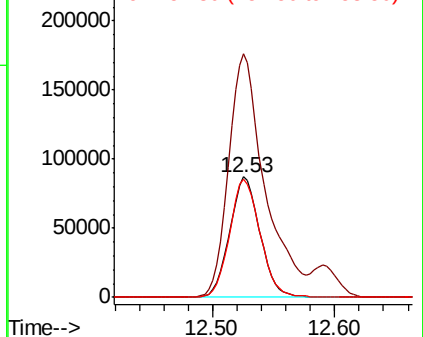
158 99.1 47.8 143.3



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: 51.214 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057659.D

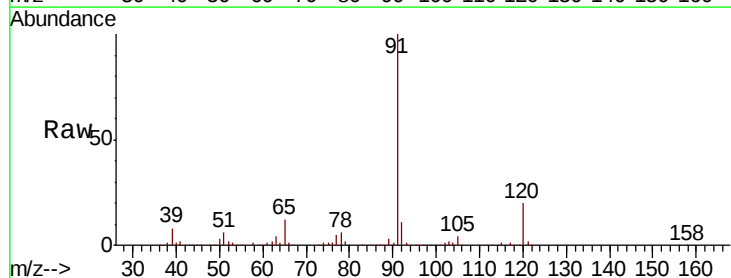
Acq: 1 Sep 2019 21:32

Tgt Ion: 91 Resp: 784109

Ion Ratio Lower Upper

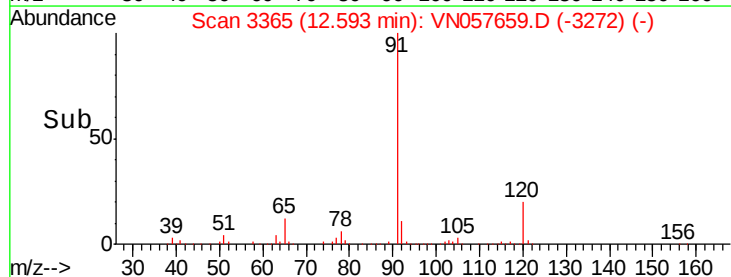
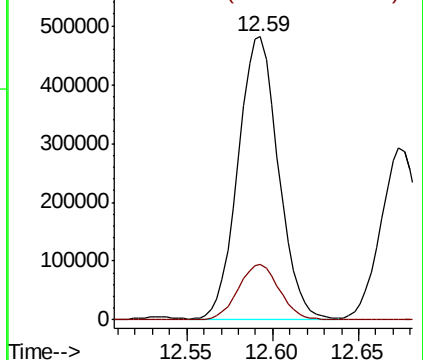
91 100

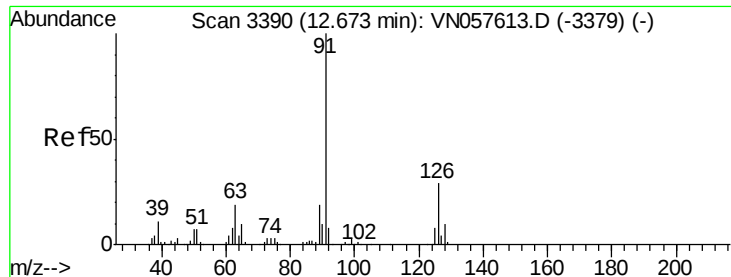
120 20.2 10.4 31.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

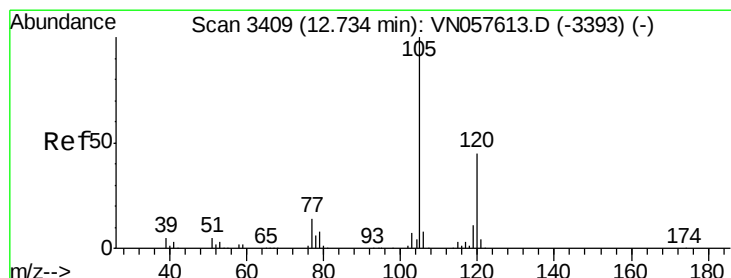
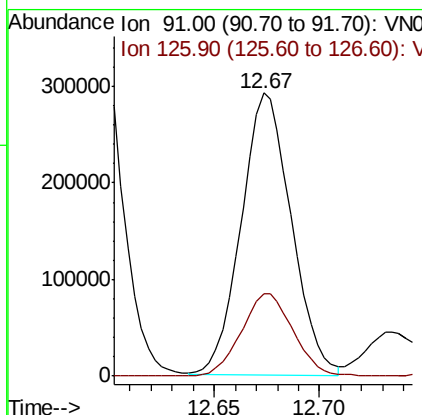
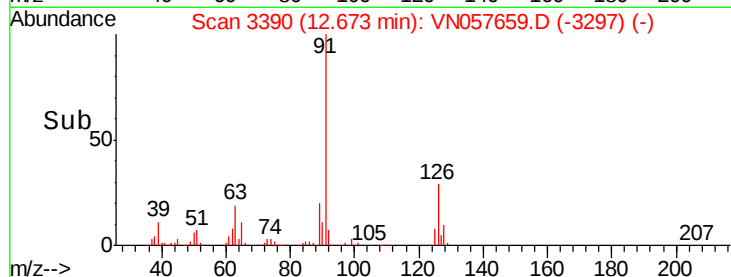
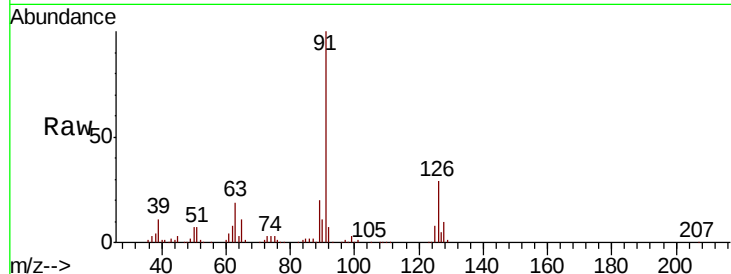




#79
 2-Chlorotoluene
 Concen: 50.546 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

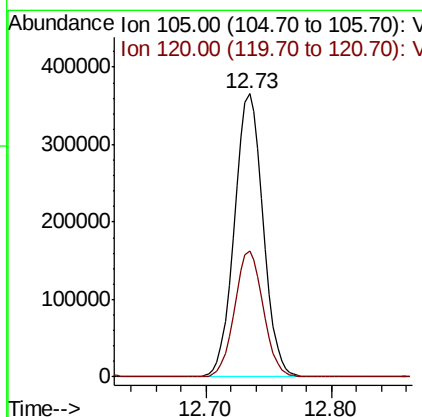
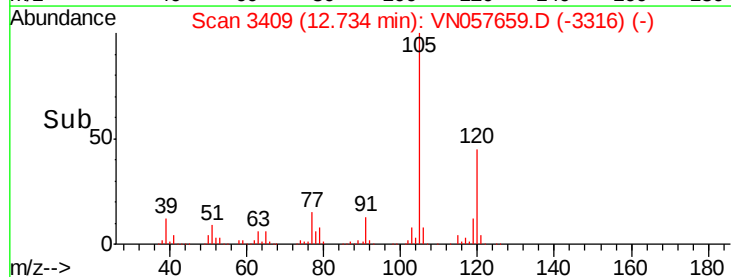
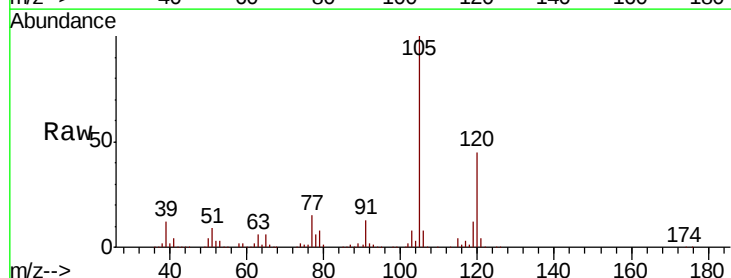
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

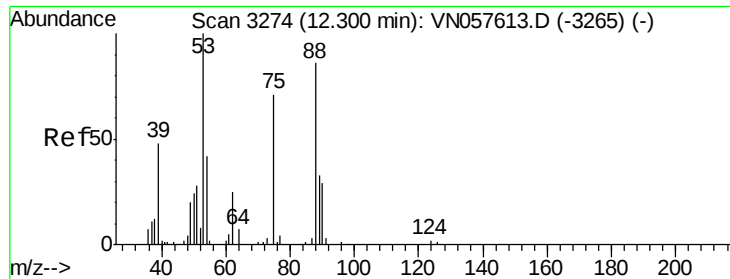
Tgt Ion: 91 Resp: 482561
 Ion Ratio Lower Upper
 91 100
 126 30.4 14.9 44.5



#80
 1,3,5-Trimethylbenzene
 Concen: 51.330 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Tgt Ion: 105 Resp: 580887
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.6 67.8





#81

trans-1,4-Dichloro-2-butene

Concen: 40.826 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

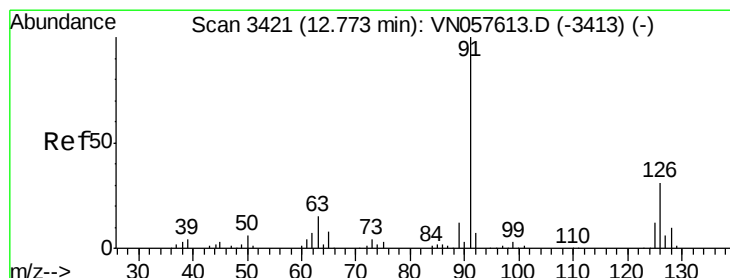
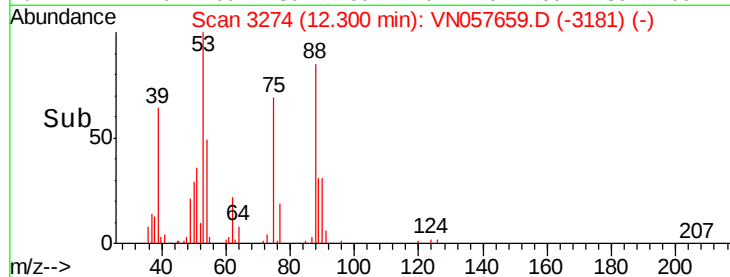
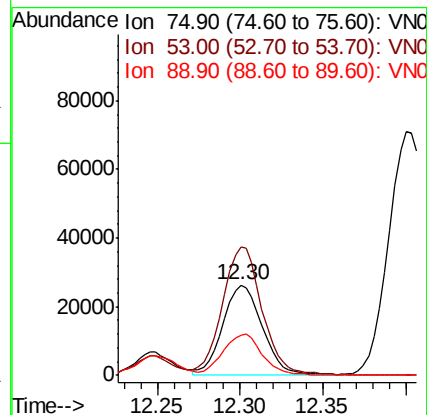
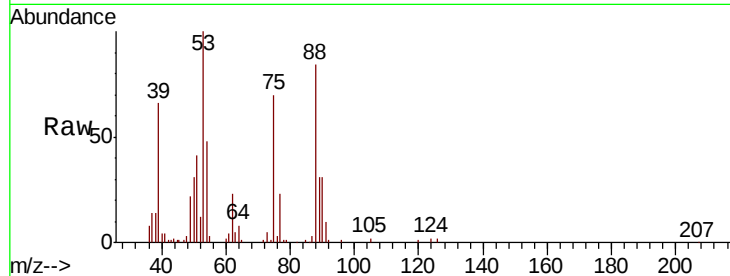
Tgt Ion: 75 Resp: 42685

Ion Ratio Lower Upper

75 100

53 147.6 111.0 166.6

89 46.6 38.3 57.5



#82

4-Chlorotoluene

Concen: 50.091 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN057659.D

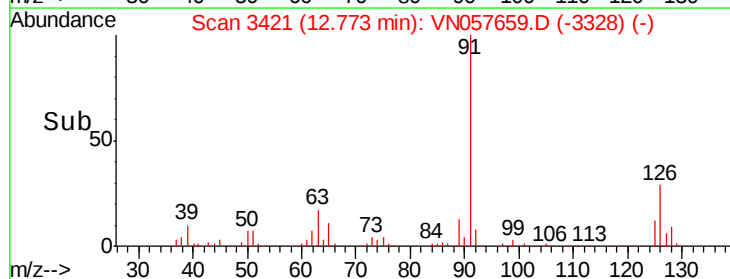
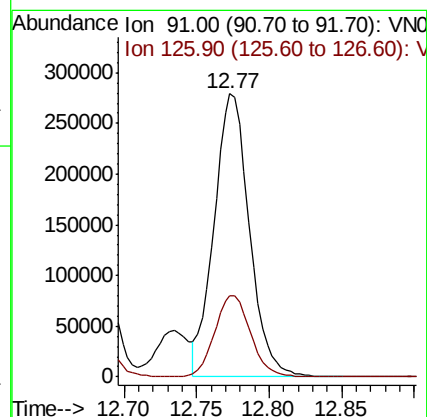
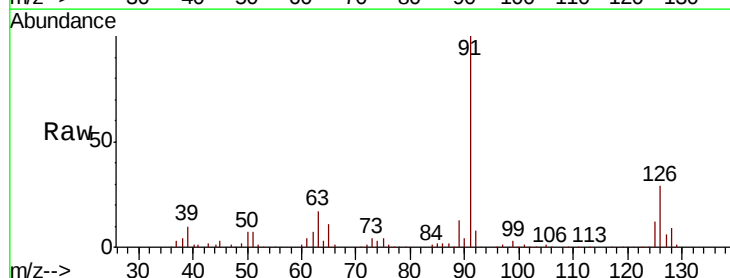
Acq: 1 Sep 2019 21:32

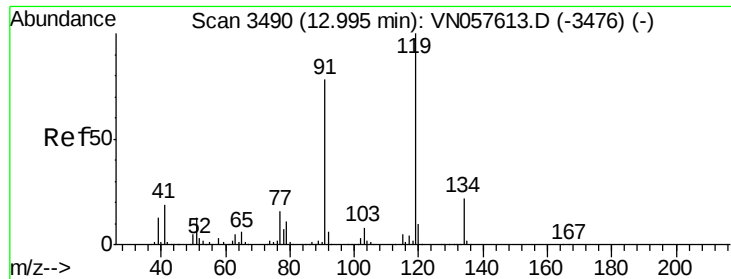
Tgt Ion: 91 Resp: 473363

Ion Ratio Lower Upper

91 100

126 29.4 14.4 43.2

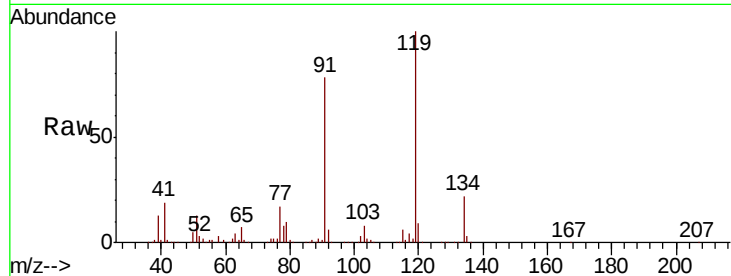




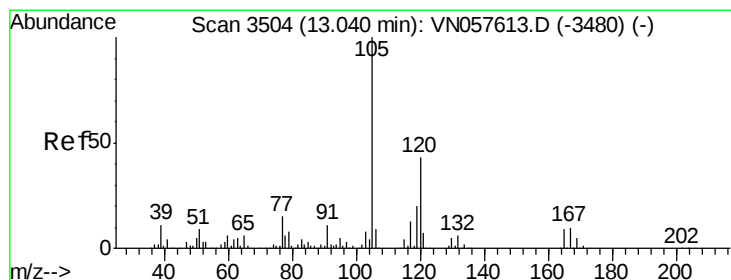
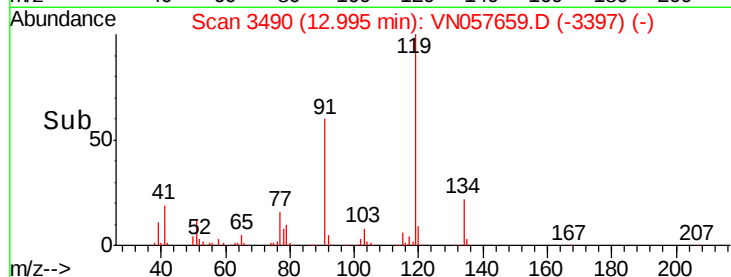
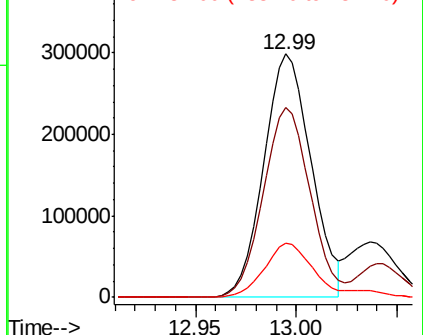
#83
 tert-Butylbenzene
 Concen: 50.786 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 487658
 Ion Ratio Lower Upper
 119 100
 91 77.5 38.3 114.9
 134 22.6 11.3 33.8

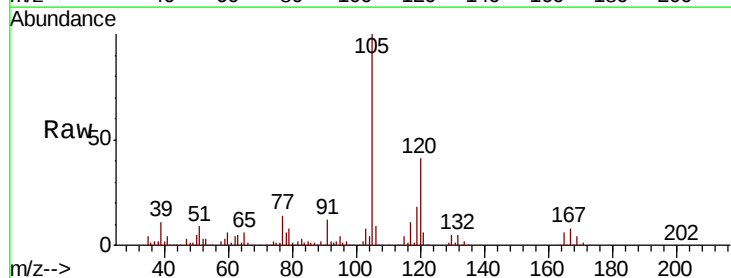


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

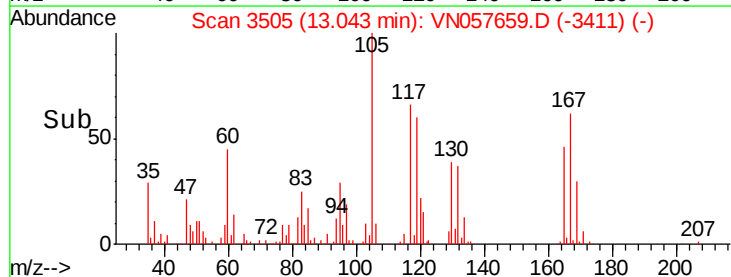
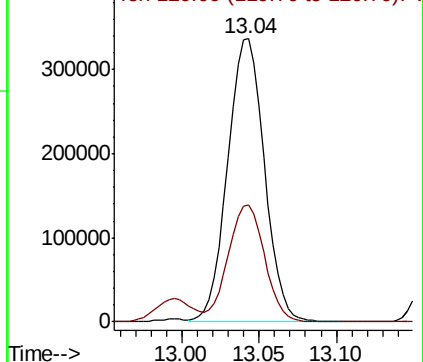


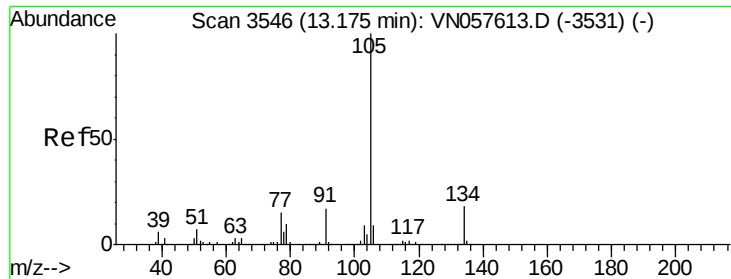
#84
 1,2,4-Trimethylbenzene
 Concen: 50.553 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Tgt Ion:105 Resp: 553487
 Ion Ratio Lower Upper
 105 100
 120 41.3 20.8 62.5



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

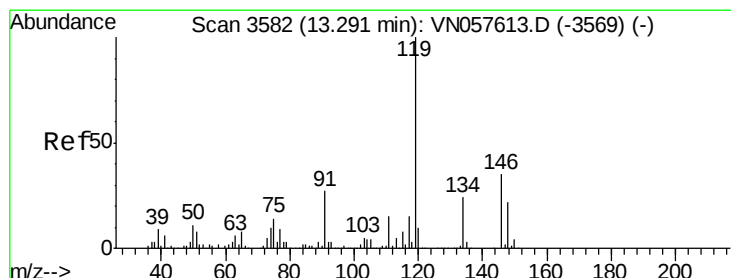
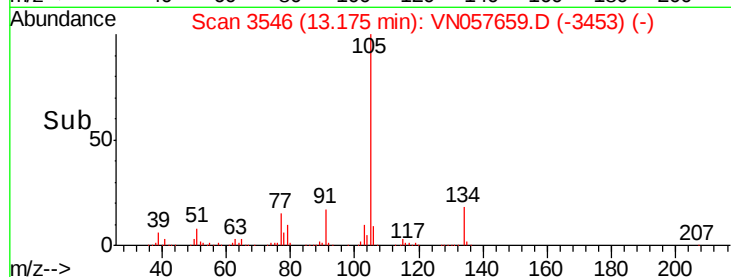
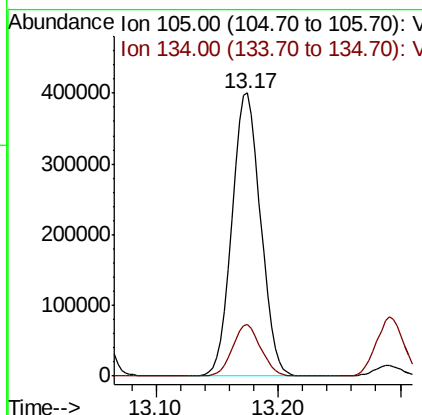
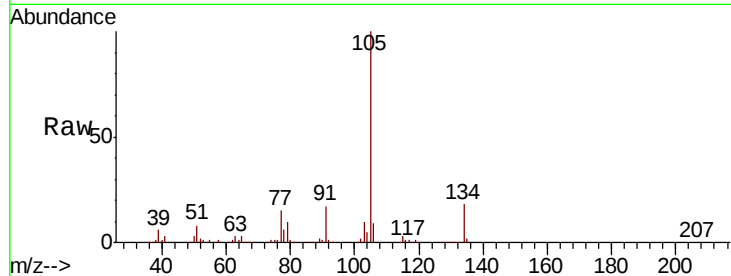




#85
 sec-Butylbenzene
 Concen: 50.627 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

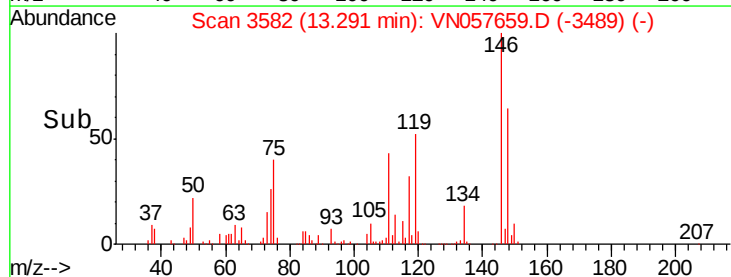
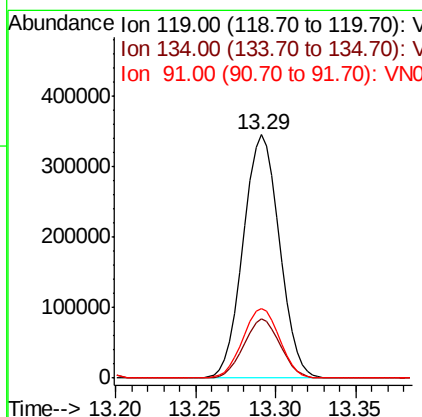
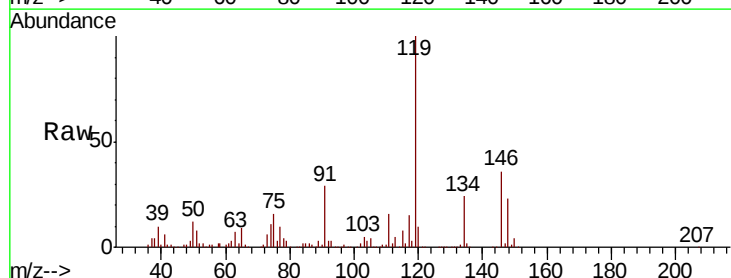
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

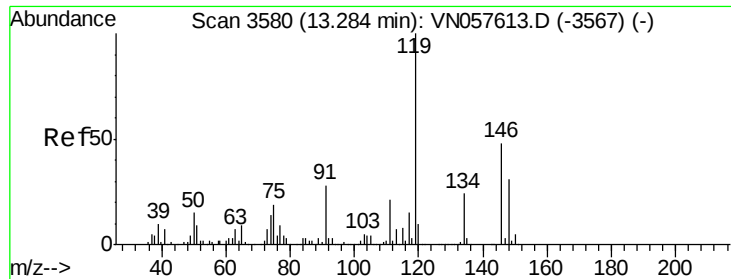
Tgt Ion:105 Resp: 653884
 Ion Ratio Lower Upper
 105 100
 134 18.0 8.9 26.8



#86
 p-Isopropyltoluene
 Concen: 49.811 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Tgt Ion:119 Resp: 532048
 Ion Ratio Lower Upper
 119 100
 134 24.5 11.9 35.5
 91 29.3 13.7 41.0

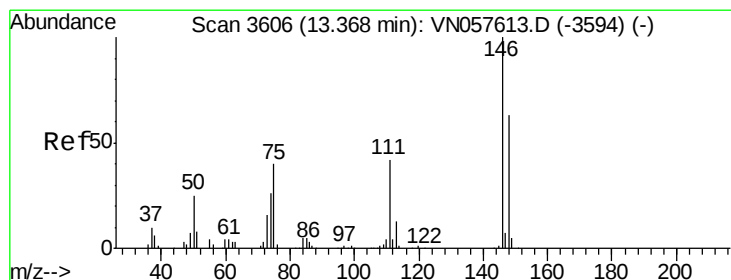
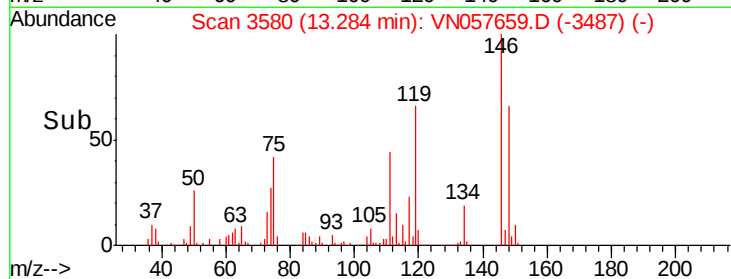
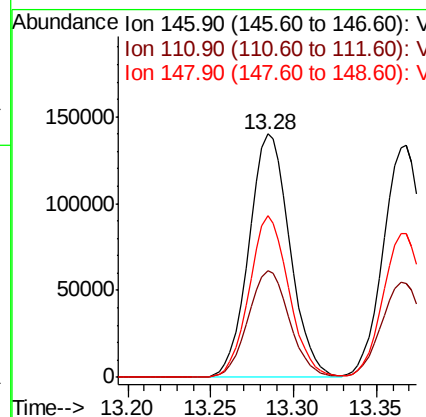
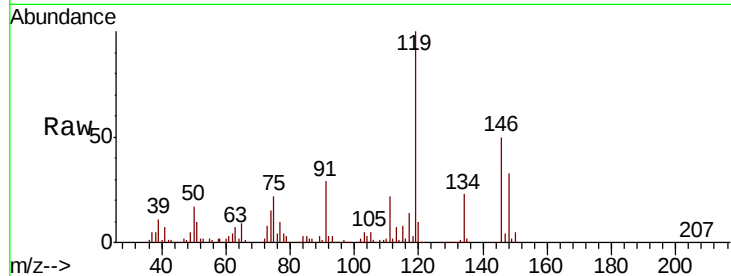




#87
 1,3-Dichlorobenzene
 Concen: 50.506 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

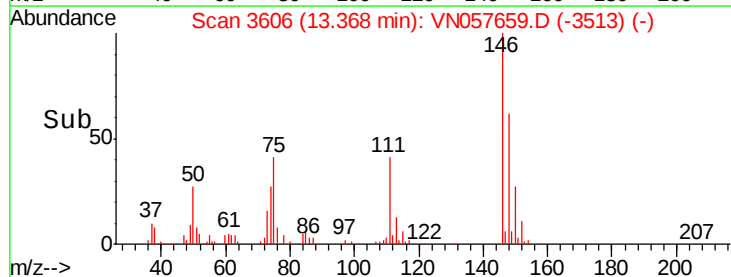
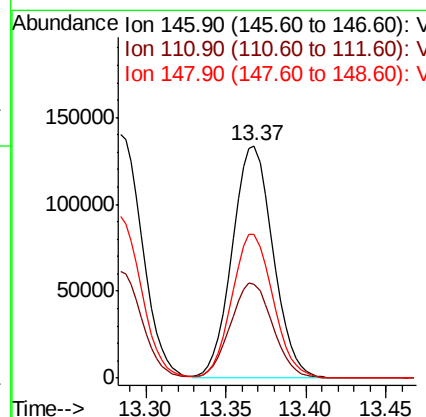
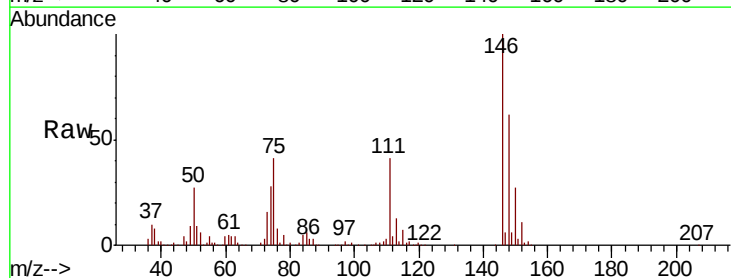
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

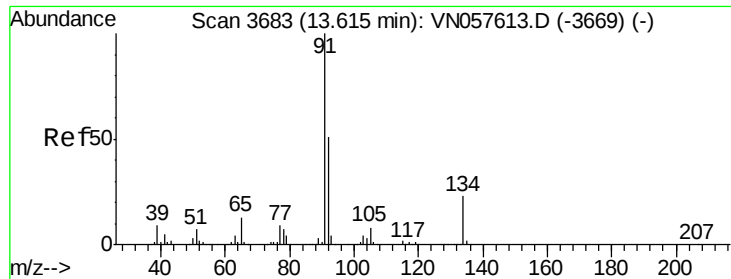
Tgt Ion:146 Resp: 240900
 Ion Ratio Lower Upper
 146 100
 111 44.3 21.8 65.3
 148 64.5 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 50.545 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Tgt Ion:146 Resp: 232876
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.6 65.0
 148 62.5 32.2 96.6





#89

n-Butylbenzene

Concen: 48.112 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

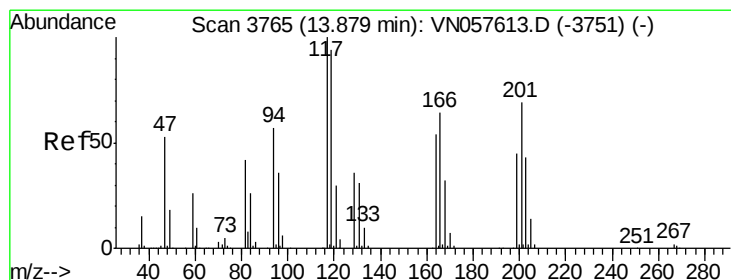
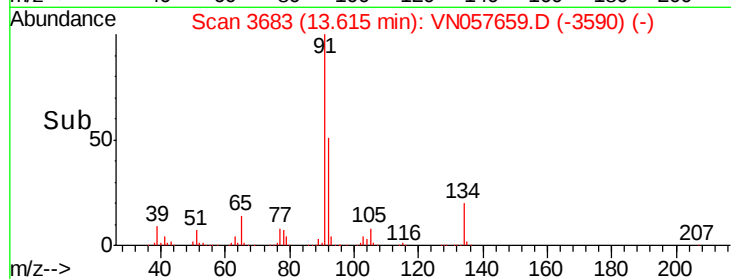
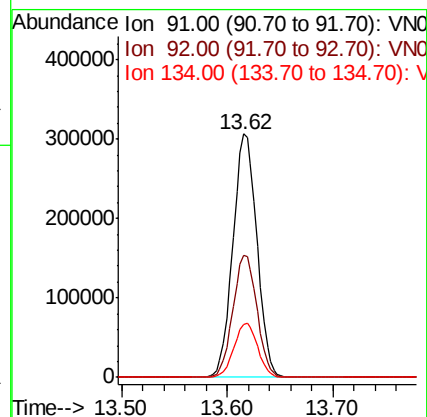
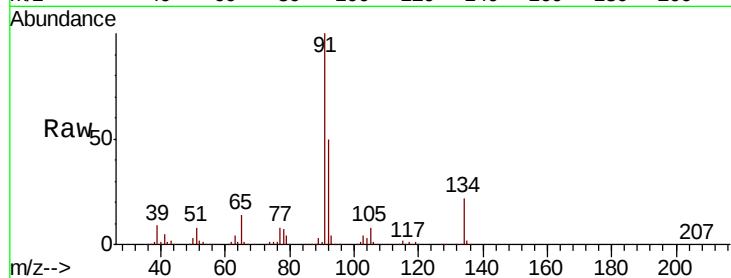
Tgt Ion: 91 Resp: 481597

Ion Ratio Lower Upper

91 100

92 50.1 25.4 76.0

134 21.8 11.0 33.0



#90

Hexachloroethane

Concen: 46.575 ug/l

RT: 13.88 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN057659.D

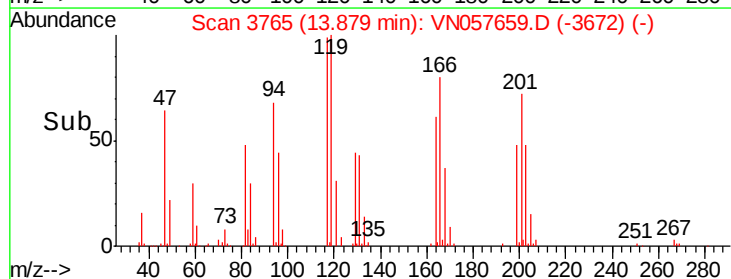
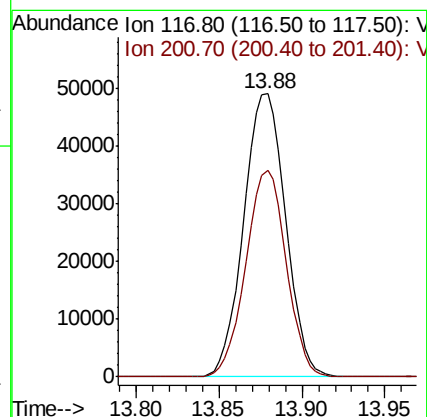
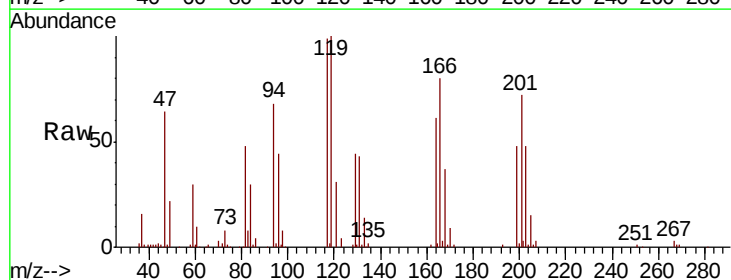
Acq: 1 Sep 2019 21:32

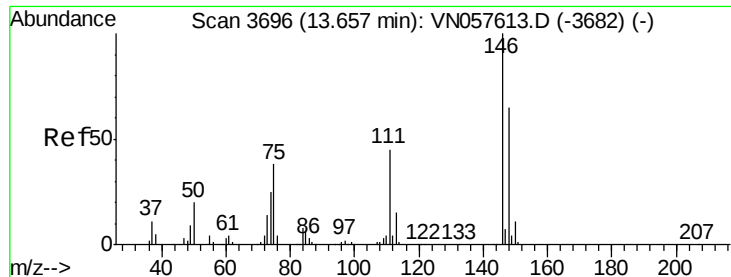
Tgt Ion: 117 Resp: 86368

Ion Ratio Lower Upper

117 100

201 70.2 34.4 103.2





#91

1,2-Dichlorobenzene

Concen: 51.643 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

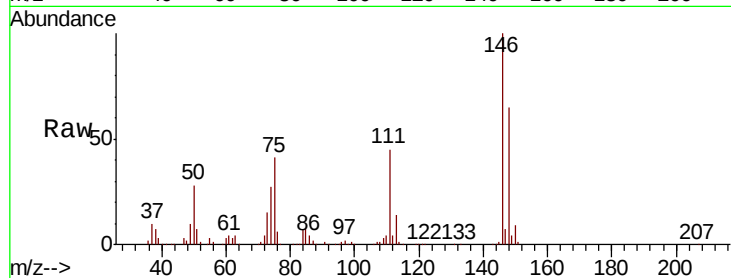
Tgt Ion:146 Resp: 235054

Ion Ratio Lower Upper

146 100

111 45.5 22.1 66.5

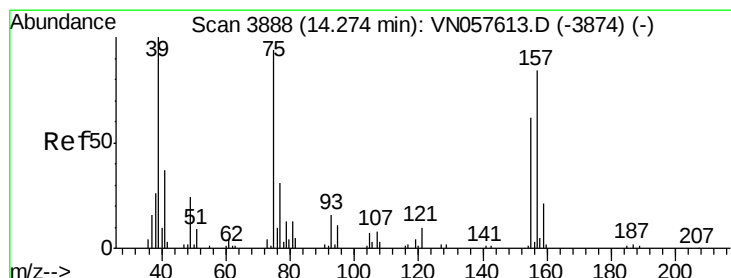
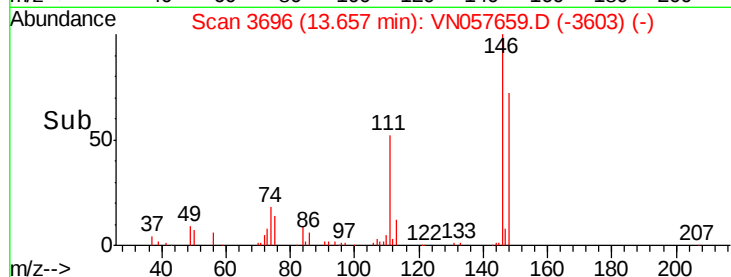
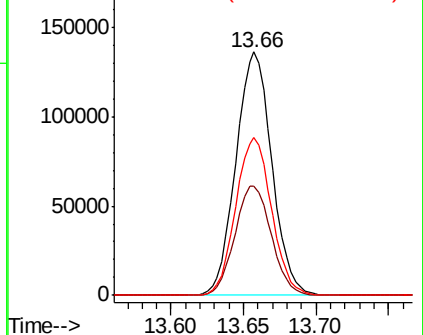
148 64.4 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.064 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

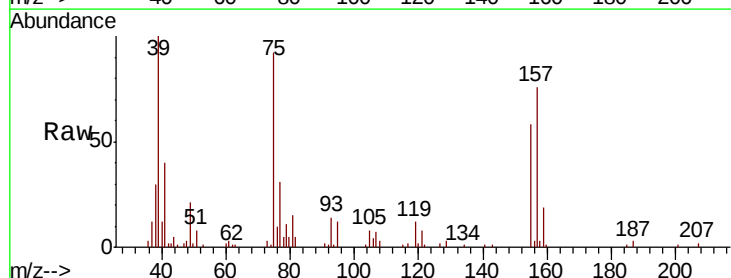
Tgt Ion: 75 Resp: 30005

Ion Ratio Lower Upper

75 100

155 65.5 30.1 90.5

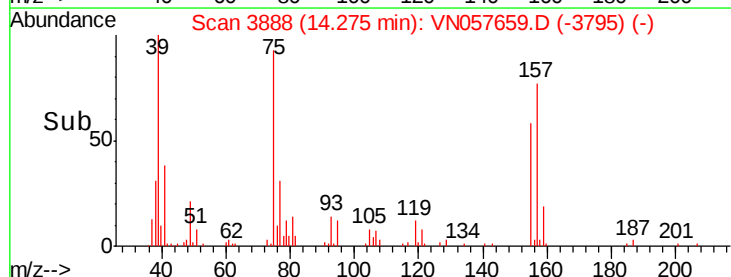
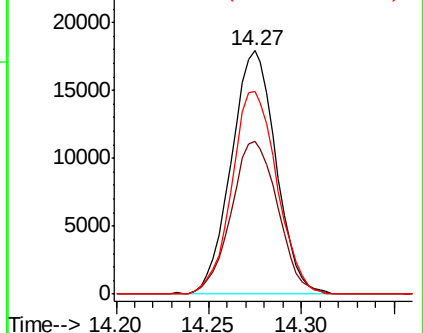
157 84.2 41.4 124.4

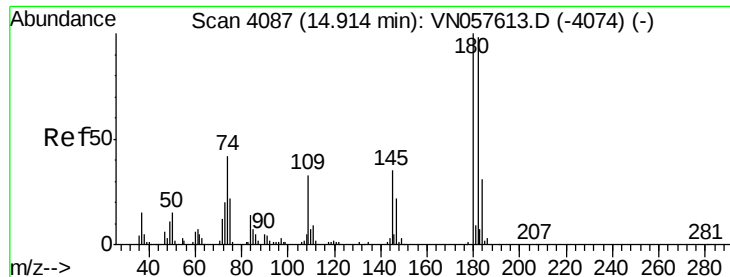


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

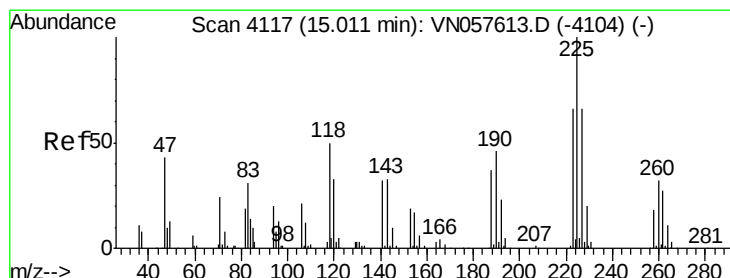
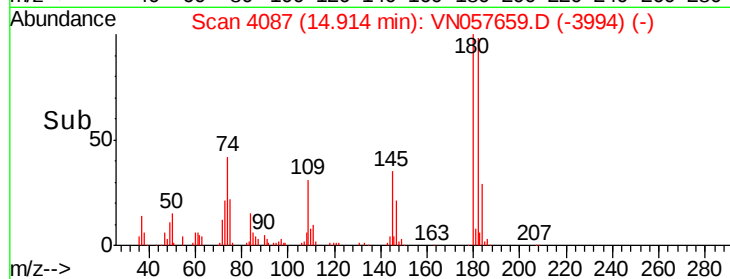
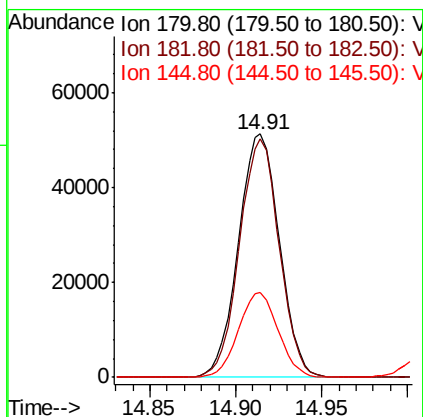
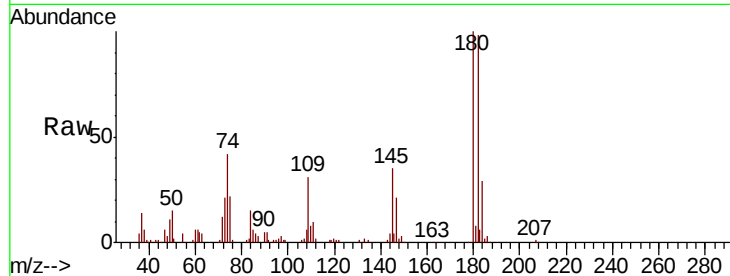




#93
 1,2,4-Trichlorobenzene
 Concen: 44.146 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

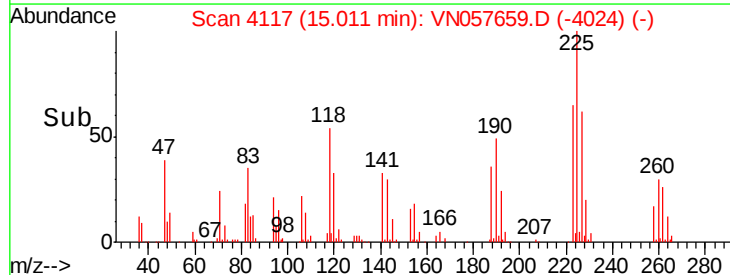
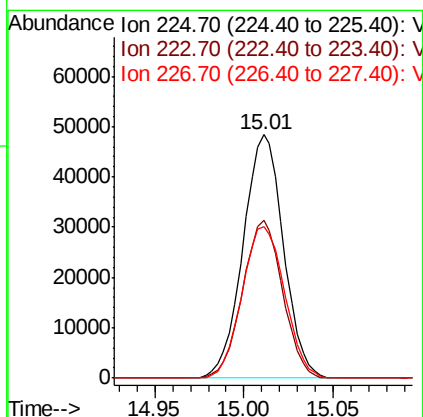
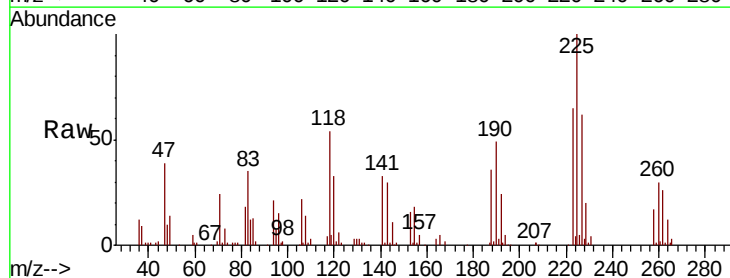
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

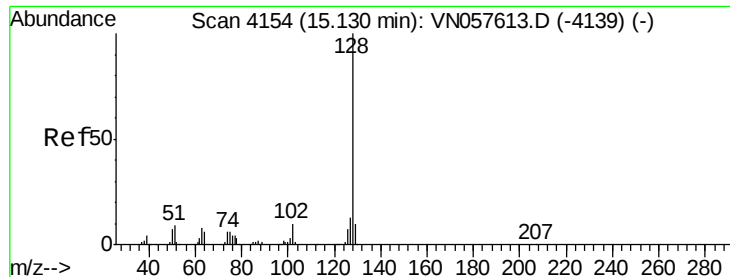
Tgt Ion:180 Resp: 84910
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.8 143.3
 145 34.0 16.9 50.7



#94
 Hexachlorobutadiene
 Concen: 48.901 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Tgt Ion:225 Resp: 76379
 Ion Ratio Lower Upper
 225 100
 223 64.2 32.3 96.8
 227 65.6 32.4 97.2

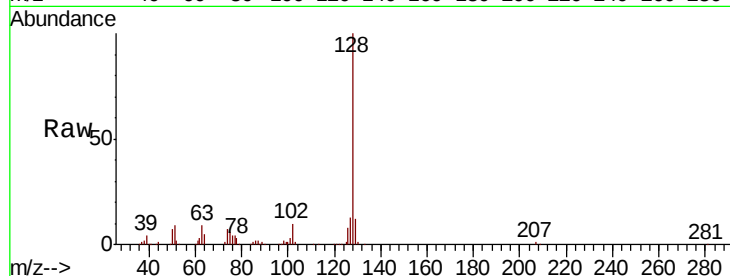




#95
Naphthalene
Concen: 43.962 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.2	15.2
129	11.5	8.6	12.8

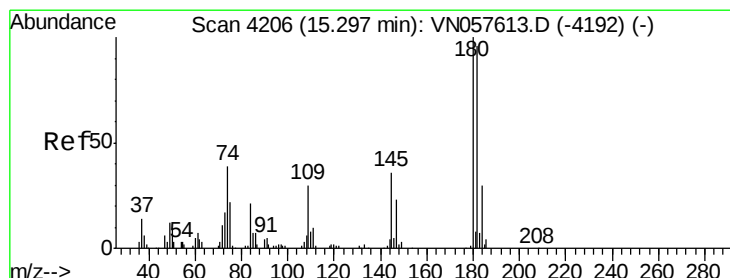
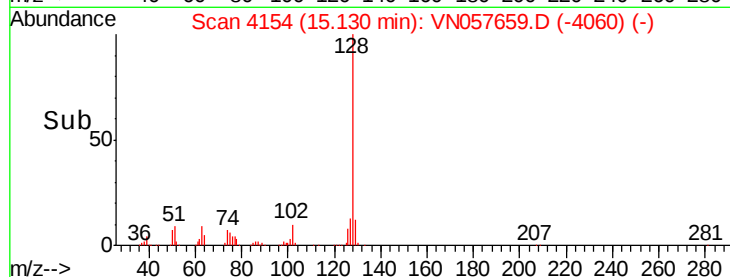
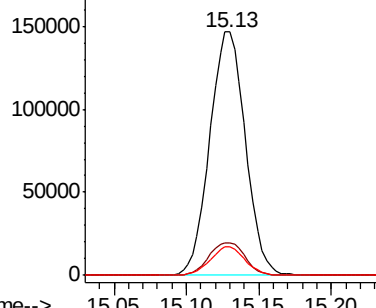


Abundance

Ion 128.00 (127.70 to 128.70): V

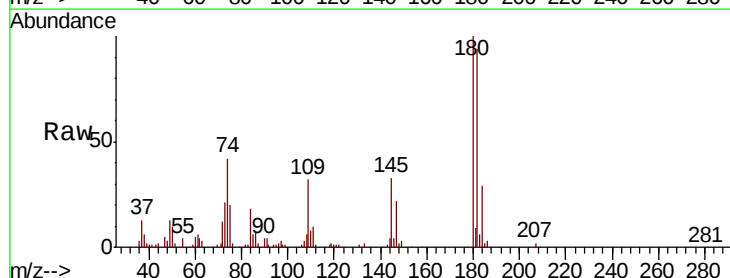
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 44.580 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	46.3	138.9
145	34.9	17.8	53.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

