

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081119\
 Data File : VN057176.D
 Acq On : 11 Aug 2019 10:02
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB63

Quant Time: Aug 12 05:51:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:49:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1196899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1732791	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.90	117	1539134	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.87	152	646638	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	550099	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	
35) Dibromofluoromethane	6.98	113	517473	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	
50) Toluene-d8	9.56	98	1928148	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
62) 4-Bromofluorobenzene	11.92	95	659006	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.82	85	428208	44.513	ug/l 99
3) Chloromethane	2.00	50	504642	39.481	ug/l 100
4) Vinyl Chloride	2.11	62	524889	44.180	ug/l 99
5) Bromomethane	2.43	94	371417	46.010	ug/l 99
6) Chloroethane	2.55	64	351340	46.104	ug/l 98
7) Trichlorofluoromethane	2.82	101	795080	46.558	ug/l 99
8) Diethyl Ether	3.14	74	310383	47.042	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.44	101	495559	47.868	ug/l 99
10) Methyl Iodide	3.63	142	787261	50.323	ug/l 99
11) Tert butyl alcohol	4.24	59	360577	205.849	ug/l 98
12) 1,1-Dichloroethene	3.43	96	485256	47.647	ug/l 100
13) Acrolein	3.31	56	167148	150.838	ug/l 99
14) Allyl chloride	3.91	41	765327	51.709	ug/l 94
15) Acrylonitrile	4.44	53	1060525	223.705	ug/l 99
16) Acetone	3.47	43	1097632	295.269	ug/l 99
17) Carbon Disulfide	3.72	76	1247501	46.043	ug/l 98
18) Methyl Acetate	3.89	43	496141	44.726	ug/l 99
19) Methyl tert-butyl Ether	4.49	73	1493299	48.568	ug/l 96
20) Methylene Chloride	4.10	84	558484	45.522	ug/l 98
21) trans-1,2-Dichloroethene	4.51	96	520225	46.891	ug/l 98
22) Diisopropyl ether	5.31	45	1521737	47.137	ug/l 99
23) Vinyl Acetate	5.26	43	5944765	240.470	ug/l 100
24) 1,1-Dichloroethane	5.25	63	931107	46.917	ug/l 98
25) 2-Butanone	6.20	43	1430289	251.828	ug/l 98
26) 2,2-Dichloropropane	6.21	77	772737	53.519	ug/l 100
27) cis-1,2-Dichloroethene	6.21	96	604742	47.581	ug/l 99
28) Bromochloromethane	6.58	49	431098	47.226	ug/l 98
29) Tetrahydrofuran	6.60	42	845818	221.069	ug/l 99
30) Chloroform	6.75	83	953001	46.396	ug/l 99
31) Cyclohexane	7.06	56	791484	44.329	ug/l 99
32) 1,1,1-Trichloroethane	6.98	97	826225	47.950	ug/l 99
36) 1,1-Dichloropropene	7.20	75	715096	50.122	ug/l 99
37) Ethyl Acetate	6.28	43	535667	45.545	ug/l # 99
38) Carbon Tetrachloride	7.18	117	733473	49.330	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.52	83	855920	49.333	ug/l	96
40) Benzene	7.46	78	2159595	47.815	ug/l	99
41) Methacrylonitrile	6.54	41	296903	49.699	ug/l	98
42) 1,2-Dichloroethane	7.54	62	682632	47.391	ug/l	99
43) Isopropyl Acetate	7.56	43	929457	46.310	ug/l	99
44) Trichloroethene	8.27	130	631937	49.942	ug/l	99
45) 1,2-Dichloropropane	8.56	63	574663	49.140	ug/l	99
46) Dibromomethane	8.65	93	365435	48.735	ug/l	98
47) Bromodichloromethane	8.85	83	737691	50.844	ug/l	99
48) Methyl methacrylate	8.63	41	428476	45.274	ug/l	98
49) 1,4-Dioxane	8.64	88	186151	965.760	ug/l	99
51) 4-Methyl-2-Pentanone	9.45	43	2665785	228.221	ug/l	99
52) Toluene	9.63	92	1372648	48.962	ug/l	100
53) t-1,3-Dichloropropene	9.85	75	786016	51.858	ug/l	98
54) cis-1,3-Dichloropropene	9.30	75	897799	51.620	ug/l	99
55) 1,1,2-Trichloroethane	10.04	97	525600	47.676	ug/l	99
56) Ethyl methacrylate	9.90	69	752597	48.756	ug/l	99
57) 1,3-Dichloropropane	10.19	76	861362	47.378	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.15	63	962186	161.240	ug/l	99
59) 2-Hexanone	10.24	43	1947972	246.410	ug/l	100
60) Dibromochloromethane	10.39	129	599460	51.774	ug/l	99
61) 1,2-Dibromoethane	10.50	107	543429	47.769	ug/l	100
64) Tetrachloroethene	10.11	164	625647	48.878	ug/l	98
65) Chlorobenzene	10.93	112	1517840	49.012	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.01	131	578315	49.950	ug/l	100
67) Ethyl Benzene	11.01	91	2657262	49.855	ug/l	99
68) m/p-Xylenes	11.12	106	2014959	102.616	ug/l	99
69) o-Xylene	11.46	106	978237	50.057	ug/l	98
70) Styrene	11.47	104	1622281	53.147	ug/l	99
71) Bromoform	11.64	173	440881	51.984	ug/l	98
73) Isopropylbenzene	11.76	105	2641669	50.166	ug/l	99
74) N-amyl acetate	11.58	43	724574	44.218	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.02	83	693524	49.106	ug/l	99
76) 1,2,3-Trichloropropane	12.08	75	837572	67.398	ug/l #	100
77) Bromobenzene	12.04	156	685042	44.075	ug/l	98
78) n-propylbenzene	12.11	91	2821673	45.485	ug/l	100
79) 2-Chlorotoluene	12.19	91	1713433	49.555	ug/l	99
80) 1,3,5-Trimethylbenzene	12.26	105	2226131	44.592	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.82	75	209393	47.613	ug/l	97
82) 4-Chlorotoluene	12.30	91	1654064	46.049	ug/l	99
83) tert-Butylbenzene	12.52	119	1963854	49.898	ug/l	99
84) 1,2,4-Trimethylbenzene	12.57	105	2132913	44.202	ug/l	99
85) sec-Butylbenzene	12.70	105	2480961	44.037	ug/l	99
86) p-Isopropyltoluene	12.82	119	2230728	45.124	ug/l	99
87) 1,3-Dichlorobenzene	12.81	146	1094287	49.454	ug/l	99
88) 1,4-Dichlorobenzene	12.89	146	1035472	49.390	ug/l	99
89) n-Butylbenzene	13.15	91	1649712	48.302	ug/l	100
90) Hexachloroethane	13.41	117	394827	50.248	ug/l	100
91) 1,2-Dichlorobenzene	13.19	146	1061421	48.036	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.81	75	92884	40.862	ug/l	98

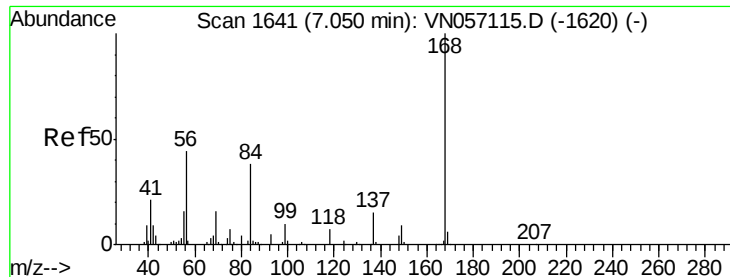
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.45	180	433536	46.705	ug/l	99
94) Hexachlorobutadiene	14.55	225	440070	57.643	ug/l	100
95) Naphthalene	14.67	128	708277	39.740	ug/l	99
96) 1,2,3-Trichlorobenzene	14.83	180	367113	39.263	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VN057176.D

Acq: 11 Aug 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

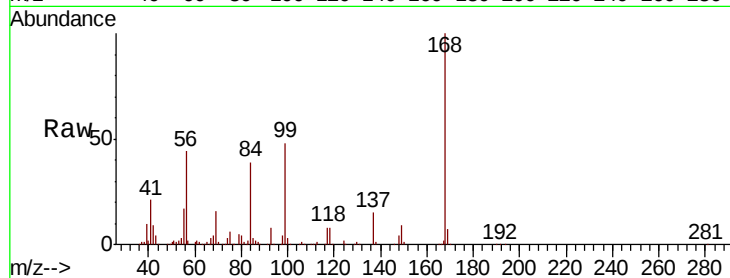
BFB63

Tgt Ion:168 Resp: 1196899

Ion Ratio Lower Upper

168 100

99 48.3 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.05

500000

400000

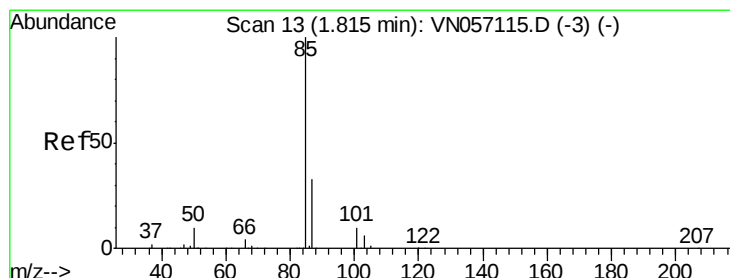
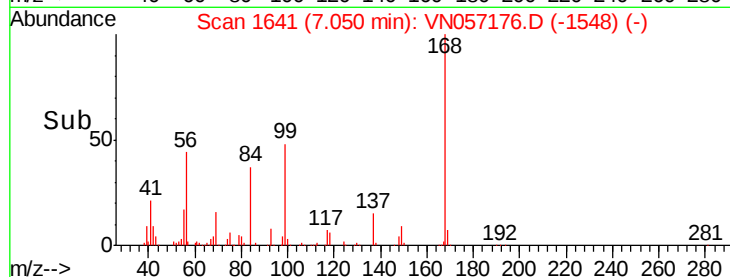
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.513 ug/l

RT: 1.82 min Scan# 14

Delta R.T. 0.00 min

Lab File: VN057176.D

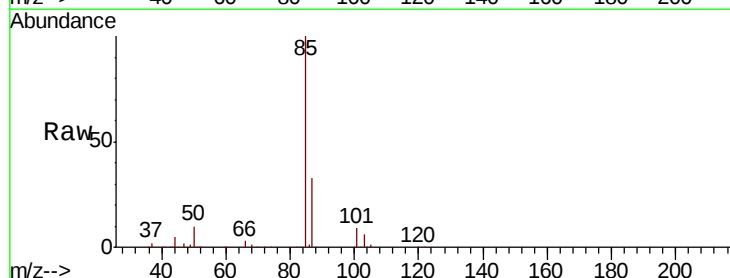
Acq: 11 Aug 2019 10:02

Tgt Ion: 85 Resp: 428208

Ion Ratio Lower Upper

85 100

87 32.5 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.82

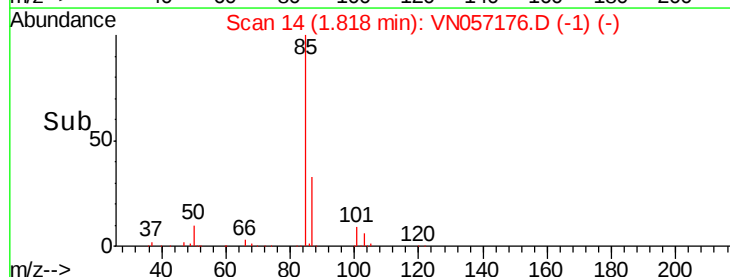
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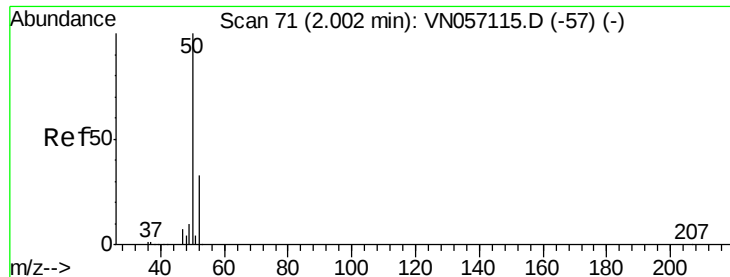
200000

100000

0

Time-->





#3

Chloromethane

Concen: 39.481 ug/l

RT: 2.00 min Scan# 69

Delta R.T. -0.01 min

Lab File: VN057176.D

Acq: 11 Aug 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

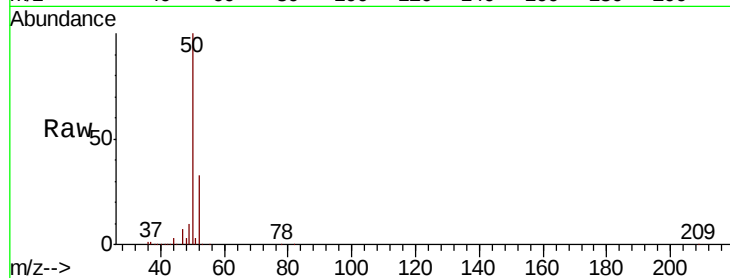
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Tgt Ion: 50 Resp: 504642

Ion Ratio Lower Upper

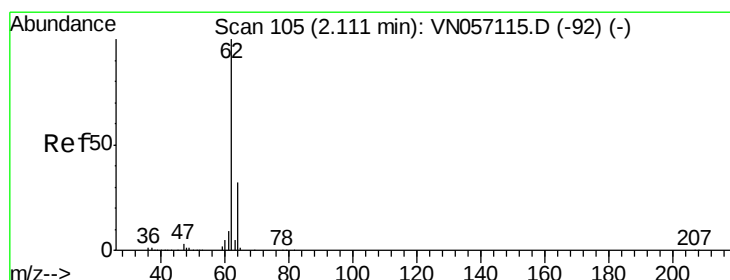
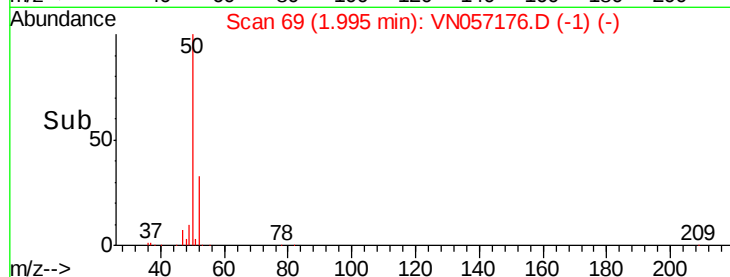
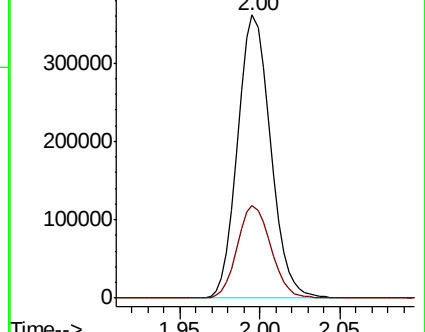
50 100

52 32.7 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VN057176.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN057176.D (-1) (-)



#4

Vinyl Chloride

Concen: 44.180 ug/l

RT: 2.11 min Scan# 105

Delta R.T. 0.00 min

Lab File: VN057176.D

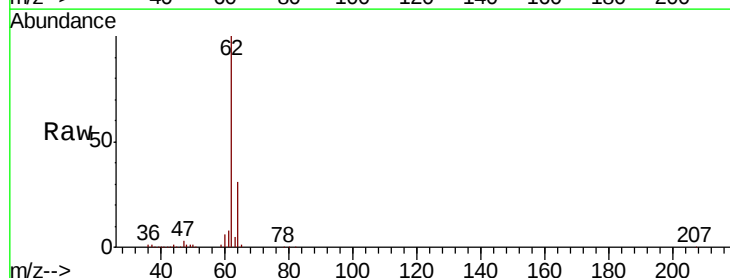
Acq: 11 Aug 2019 10:02

Tgt Ion: 62 Resp: 524889

Ion Ratio Lower Upper

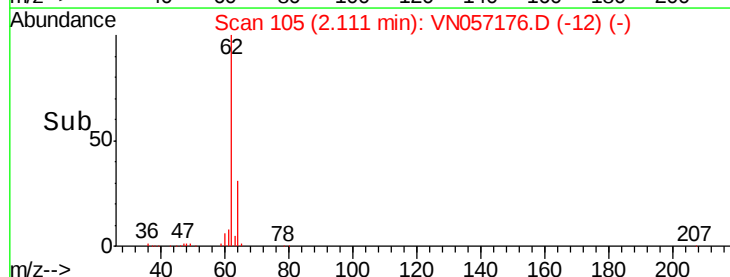
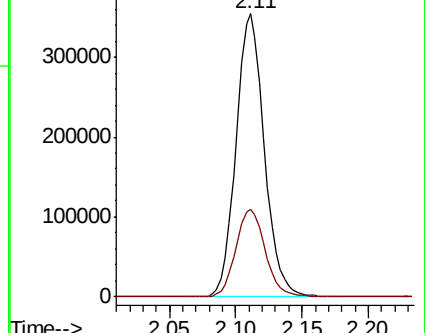
62 100

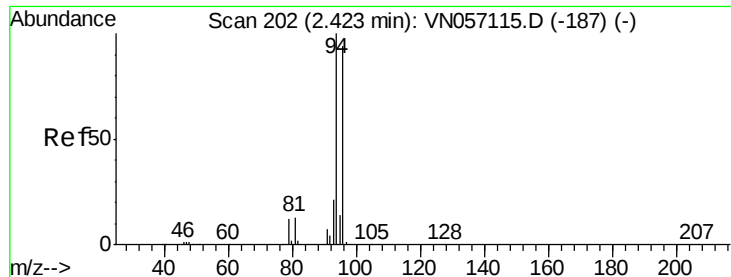
64 31.1 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VN057176.D (-12) (-)

Ion 63.90 (63.60 to 64.60): VN057176.D (-12) (-)





#5

Bromomethane

Concen: 46.010 ug/l

RT: 2.43 min Scan# 203

Delta R.T. 0.00 min

Lab File: VN057176.D

Acq: 11 Aug 2019 10:02

Instrument :

MSVOA_N

ClientSampled :

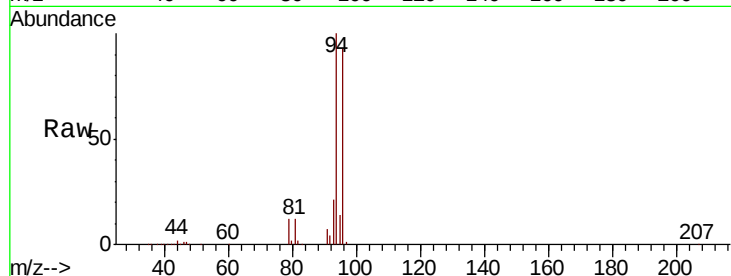
BFB63

Tgt Ion: 94 Resp: 371417

Ion Ratio Lower Upper

94 100

96 92.7 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VN057176.D (-108) (-)

Ion 95.90 (95.60 to 96.60): VN057176.D (-108) (-)

2.43

200000

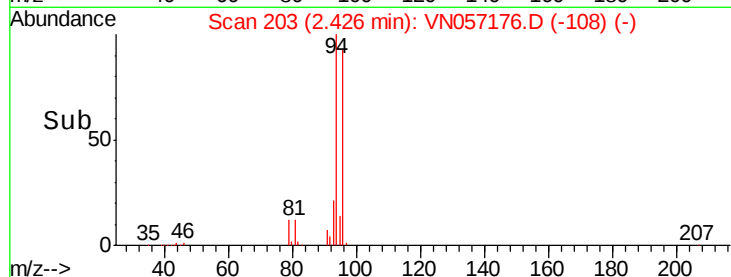
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100000

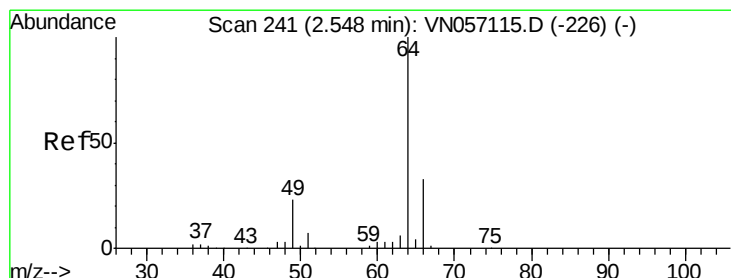
50000

0

Time-->



Time-->



#6

Chloroethane

Concen: 46.104 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.00 min

Lab File: VN057176.D

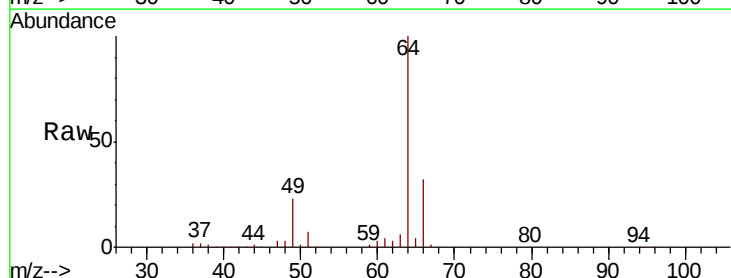
Acq: 11 Aug 2019 10:02

Tgt Ion: 64 Resp: 351340

Ion Ratio Lower Upper

64 100

66 31.9 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VN057176.D (-148) (-)

Ion 65.90 (65.60 to 66.60): VN057176.D (-148) (-)

2.55

200000

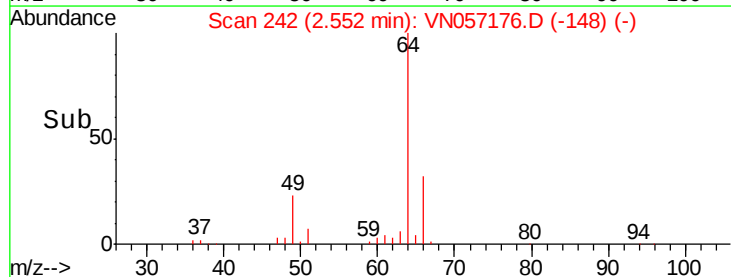
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100000

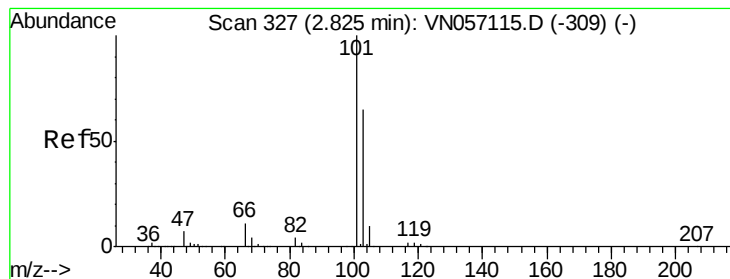
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Time-->



Time-->

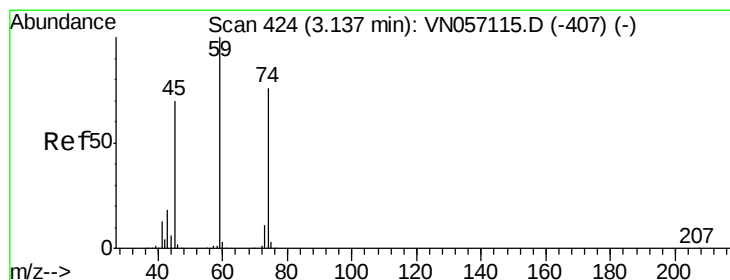
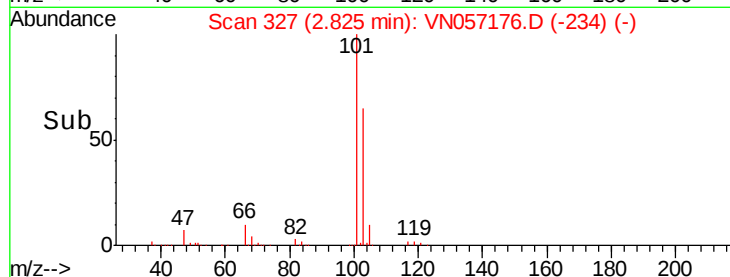
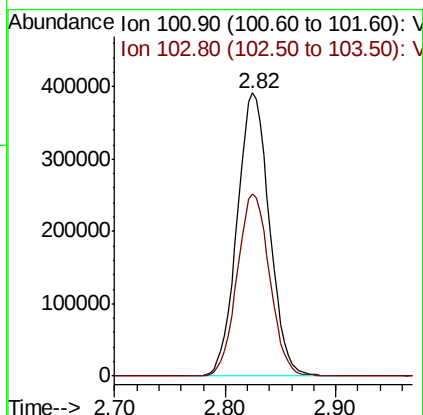
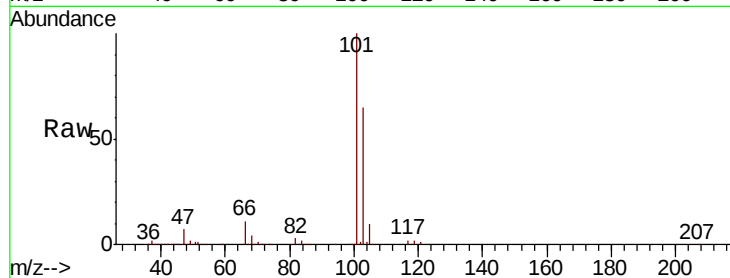


#7

Trichlorofluoromethane
 Concen: 46.558 ug/l
 RT: 2.82 min Scan# 327
 Delta R.T. 0.00 min
 Lab File: VN057176.D
 Acq: 11 Aug 2019 10:02

Instrument :
 MSVOA_N
 ClientSampled :
 BFB63

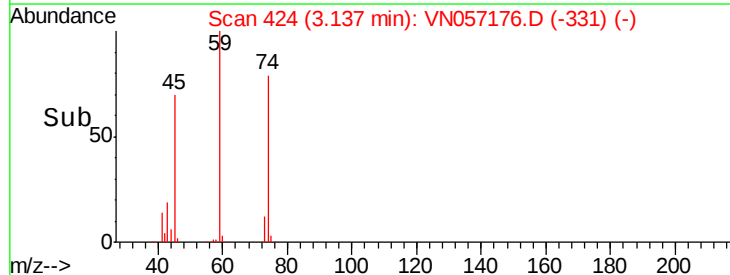
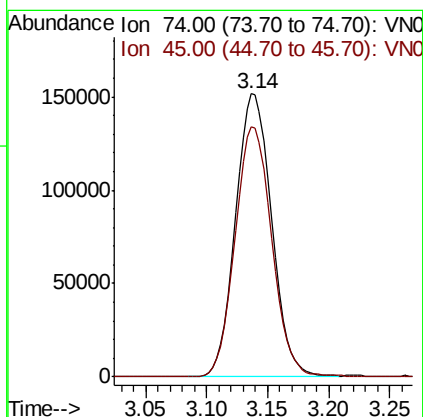
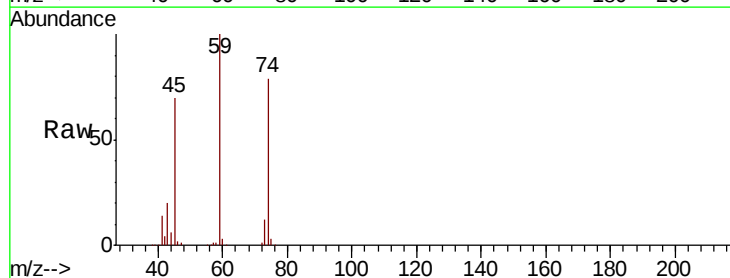
Tgt Ion: 101 Resp: 795080
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.2 78.4

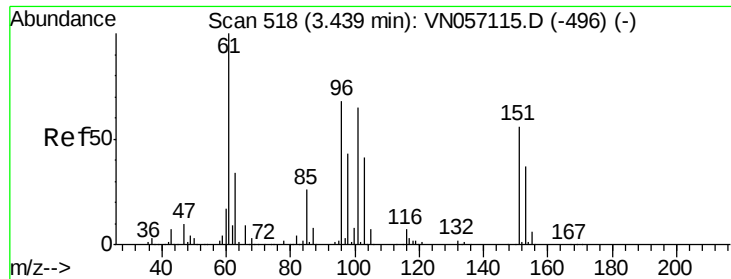


#8

Diethyl Ether
 Concen: 47.042 ug/l
 RT: 3.14 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VN057176.D
 Acq: 11 Aug 2019 10:02

Tgt Ion: 74 Resp: 310383
 Ion Ratio Lower Upper
 74 100
 45 89.5 46.3 138.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.868 ug/l

RT: 3.44 min Scan# 517

Delta R.T. -0.00 min

Lab File: VN057176.D

Acq: 11 Aug 2019 10:02

Instrument :

MSVOA_N

ClientSampled :

BFB63

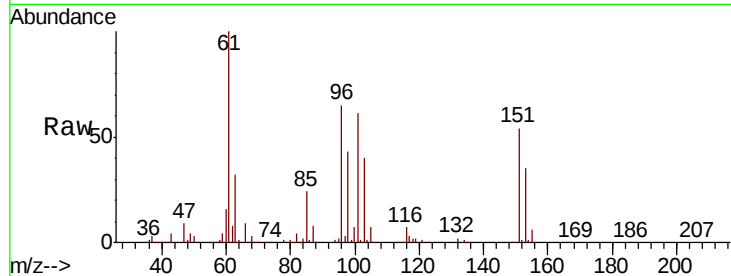
Tgt Ion:101 Resp: 495559

Ion Ratio Lower Upper

101 100

85 40.7 32.3 48.5

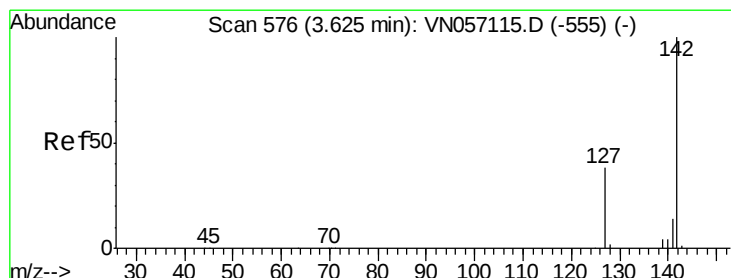
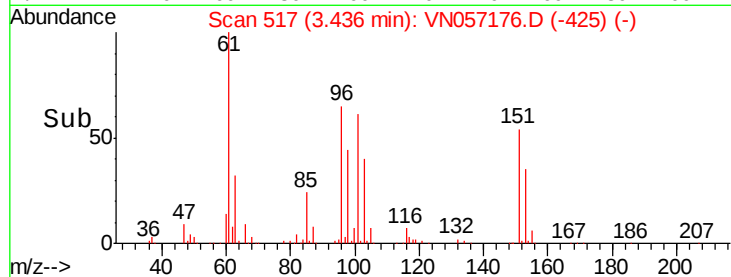
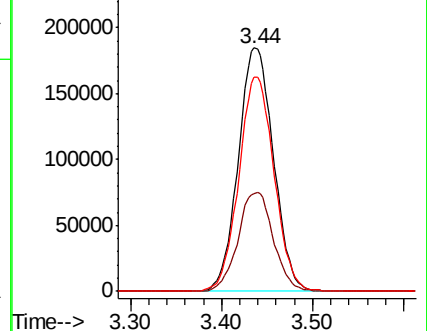
151 88.2 69.4 104.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.323 ug/l

RT: 3.63 min Scan# 576

Delta R.T. 0.00 min

Lab File: VN057176.D

Acq: 11 Aug 2019 10:02

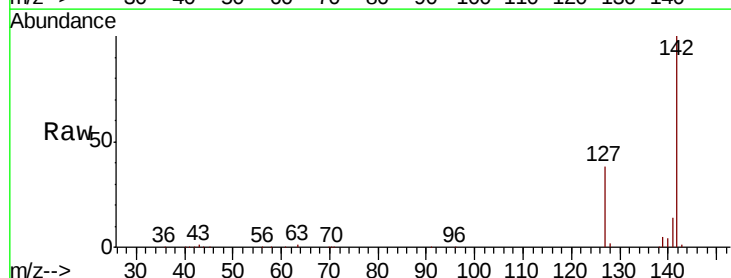
Tgt Ion:142 Resp: 787261

Ion Ratio Lower Upper

142 100

127 38.0 31.0 46.6

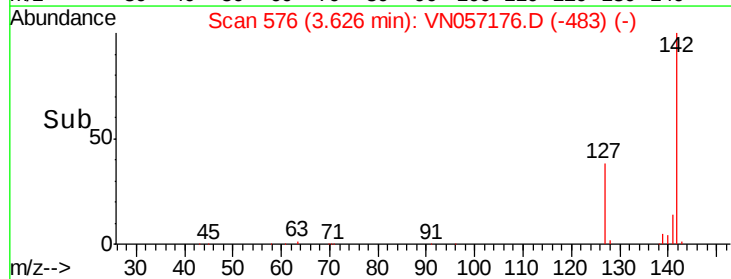
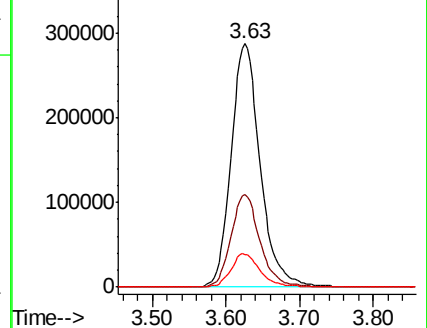
141 13.8 11.2 16.8

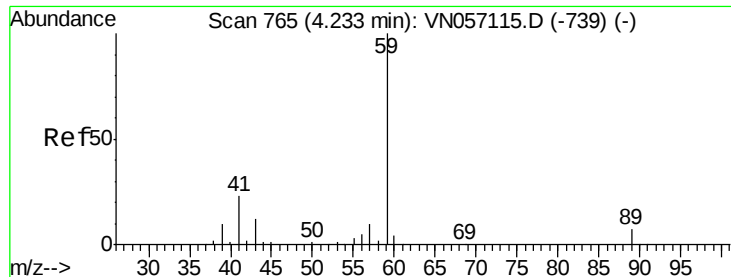


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

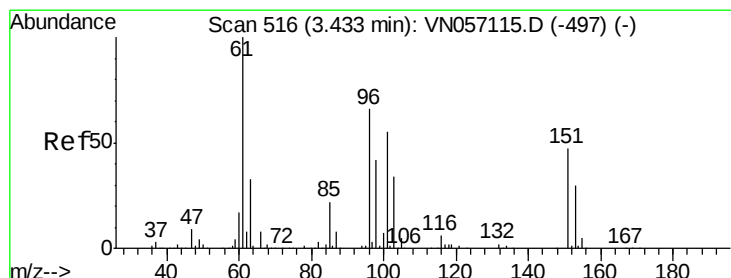
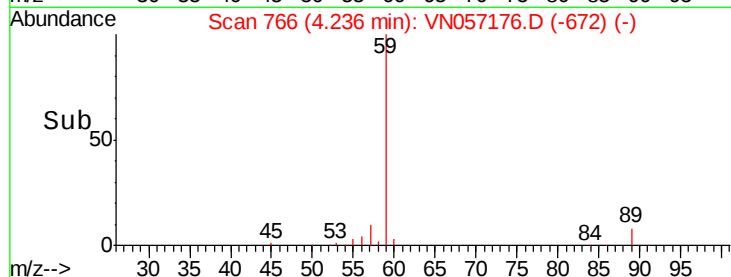
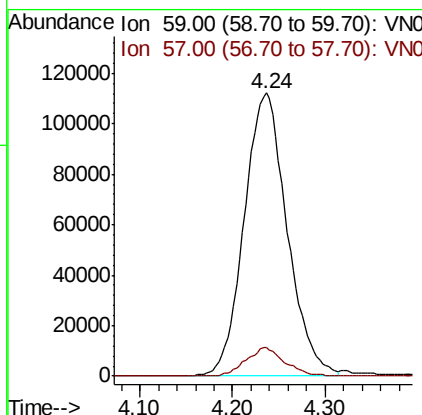
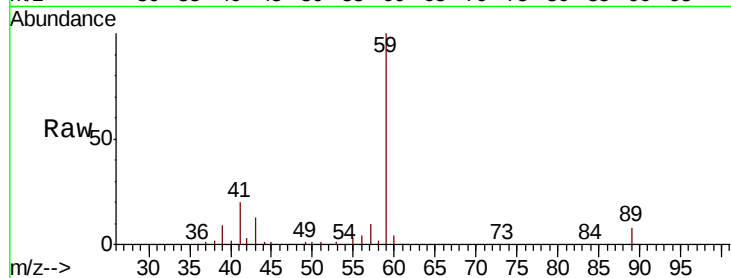




#11
Tert butyl alcohol
Concen: 205.849 ug/l
RT: 4.24 min Scan# 766
Delta R.T. 0.00 min
Lab File: VN057176.D
Acq: 11 Aug 2019 10:02

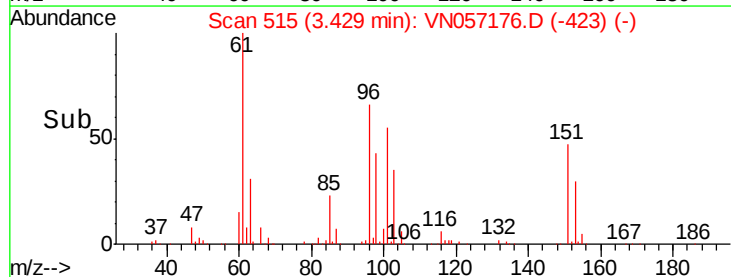
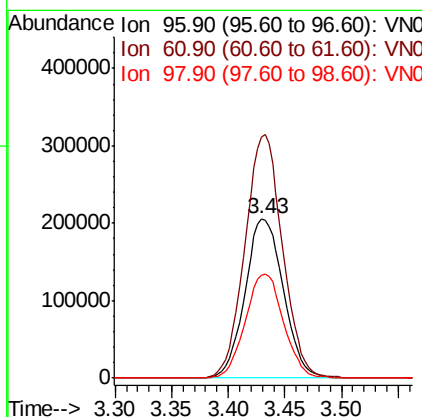
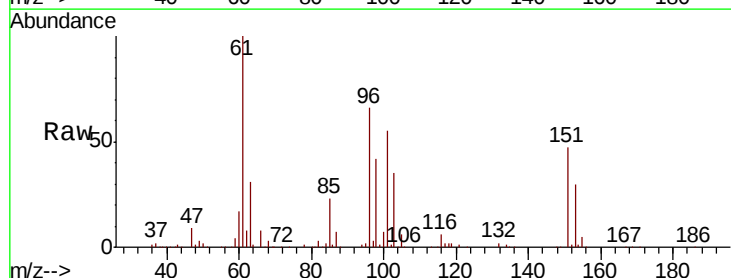
Instrument :
MSVOA_N
ClientSampleId :
BFB63

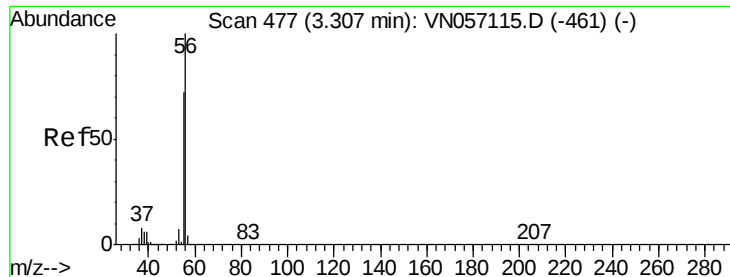
Tgt Ion: 59 Resp: 360577
Ion Ratio Lower Upper
59 100
57 9.2 7.9 11.9



#12
1,1-Dichloroethene
Concen: 47.647 ug/l
RT: 3.43 min Scan# 515
Delta R.T. -0.00 min
Lab File: VN057176.D
Acq: 11 Aug 2019 10:02

Tgt Ion: 96 Resp: 485256
Ion Ratio Lower Upper
96 100
61 151.1 121.0 181.6
98 64.2 50.8 76.2

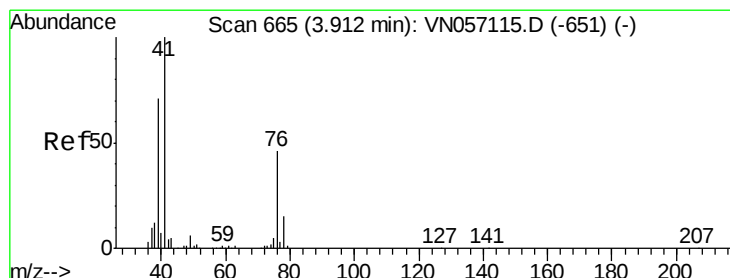
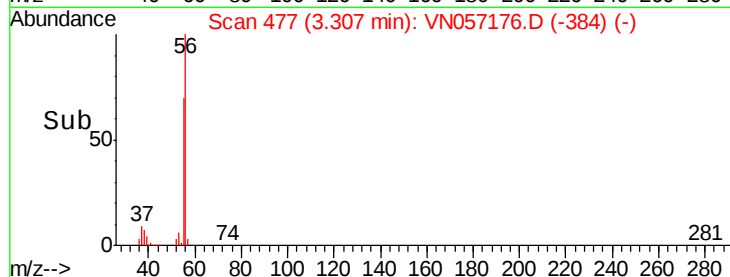
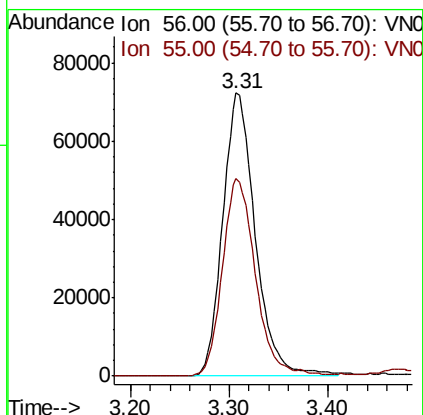
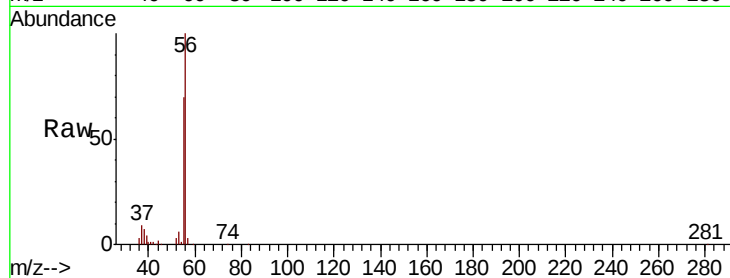




#13
Acrolein
Concen: 150.838 ug/l
RT: 3.31 min Scan# 477
Delta R.T. 0.00 min
Lab File: VN057176.D
Acq: 11 Aug 2019 10:02

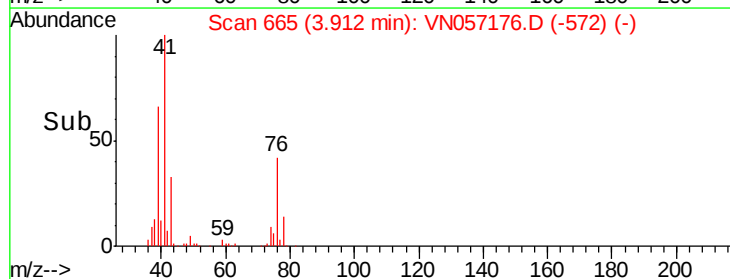
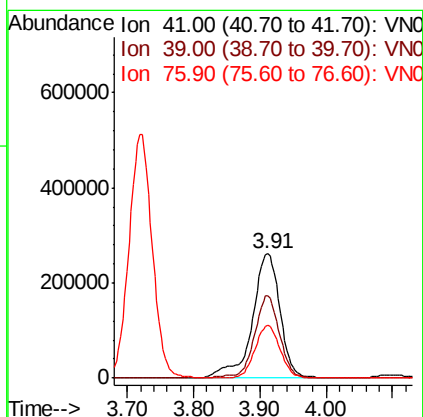
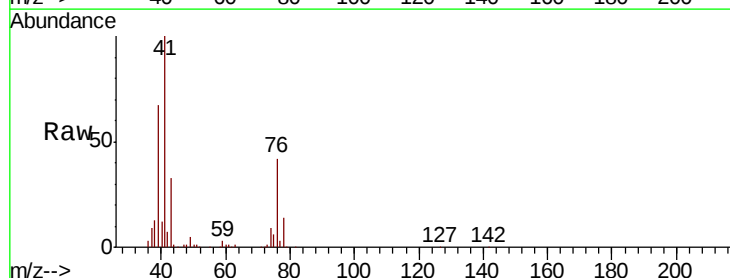
Instrument :
MSVOA_N
ClientSampleId :
BFB63

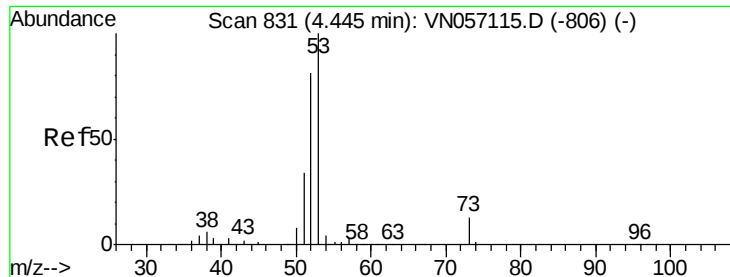
Tgt Ion: 56 Resp: 167148
Ion Ratio Lower Upper
56 100
55 71.0 57.7 86.5



#14
Allyl chloride
Concen: 51.709 ug/l
RT: 3.91 min Scan# 665
Delta R.T. 0.00 min
Lab File: VN057176.D
Acq: 11 Aug 2019 10:02

Tgt Ion: 41 Resp: 765327
Ion Ratio Lower Upper
41 100
39 59.7 51.1 76.7
76 37.2 32.8 49.2





#15

Acrylonitrile

Concen: 223.705 ug/l

RT: 4.44 min Scan# 830

Delta R.T. -0.00 min

Lab File: VN057176.D

Acq: 11 Aug 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

BFB63

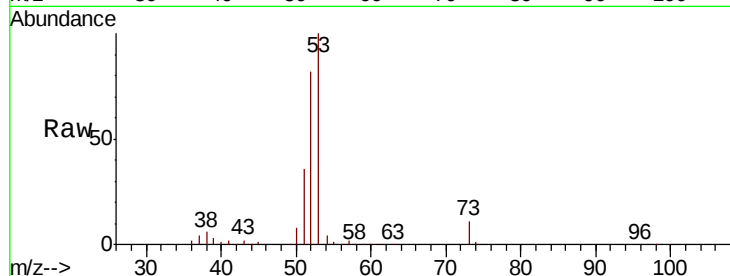
Tgt Ion: 53 Resp: 1060525

Ion Ratio Lower Upper

53 100

52 82.1 64.9 97.3

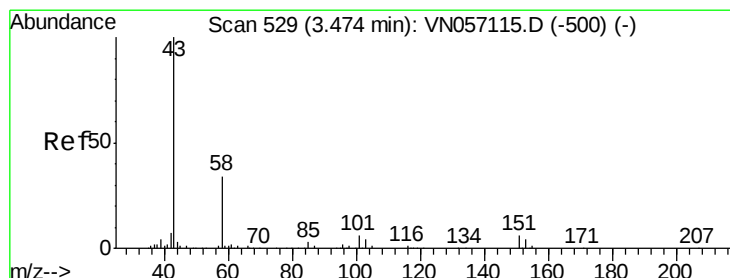
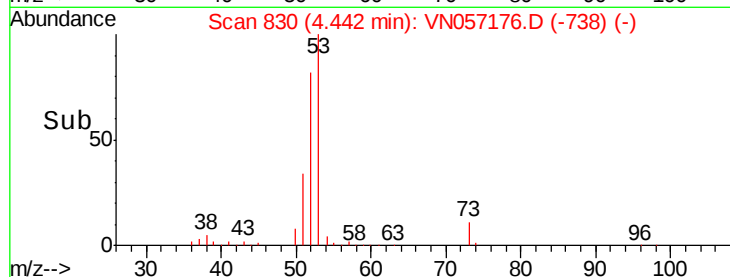
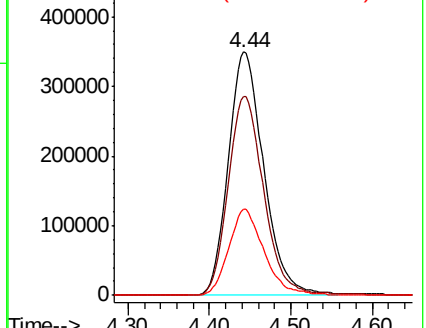
51 35.4 27.8 41.6



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: 295.269 ug/l

RT: 3.47 min Scan# 529

Delta R.T. 0.00 min

Lab File: VN057176.D

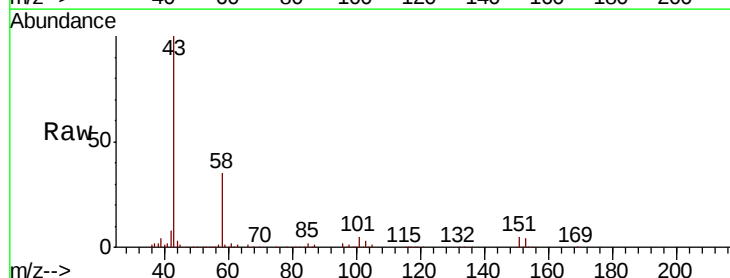
Acq: 11 Aug 2019 10:02

Tgt Ion: 43 Resp: 1097632

Ion Ratio Lower Upper

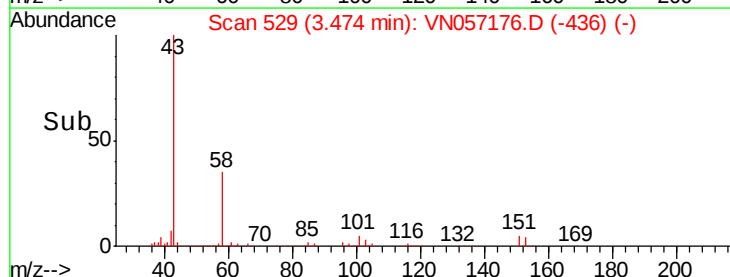
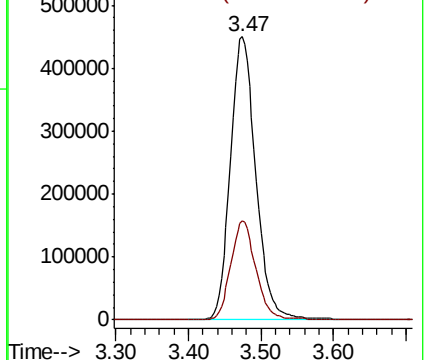
43 100

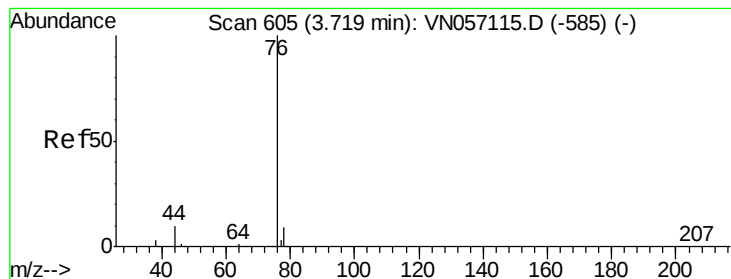
58 35.1 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 46.043 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.00 min

Lab File: VN057176.D

Acq: 11 Aug 2019 10:02

Instrument :

MSVOA_N

ClientSampled :

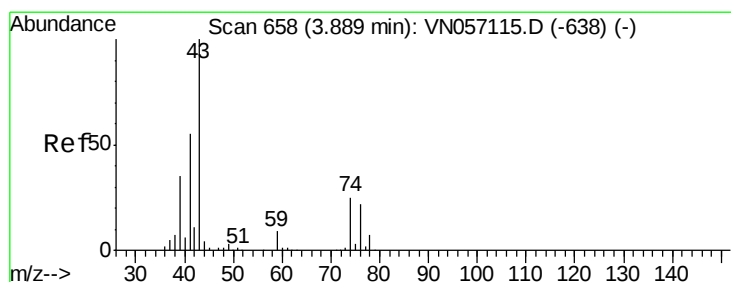
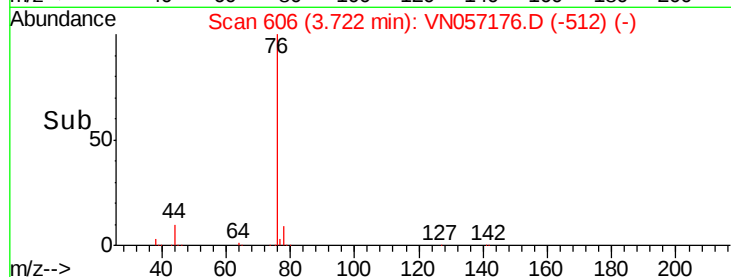
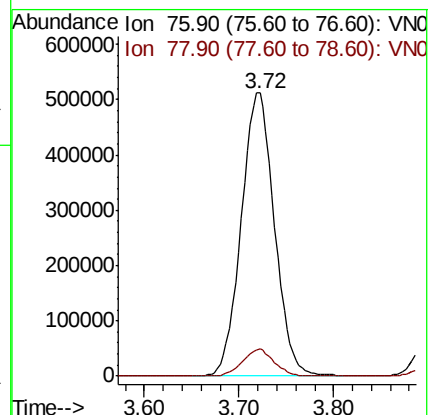
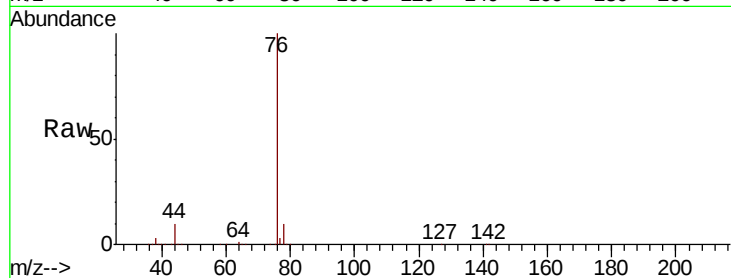
BFB63

Tgt Ion: 76 Resp: 1247501

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.6



#18

Methyl Acetate

Concen: 44.726 ug/l

RT: 3.89 min Scan# 658

Delta R.T. 0.00 min

Lab File: VN057176.D

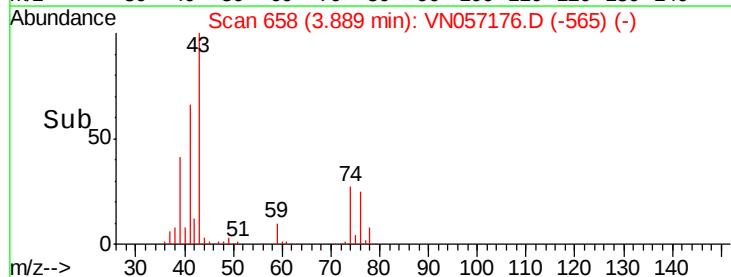
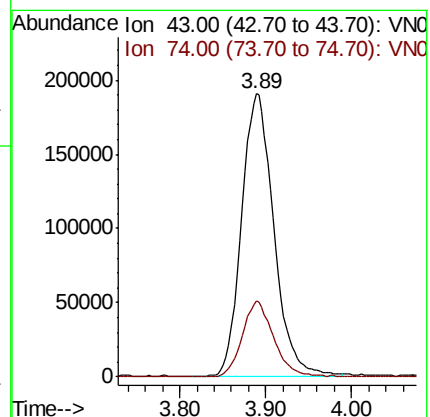
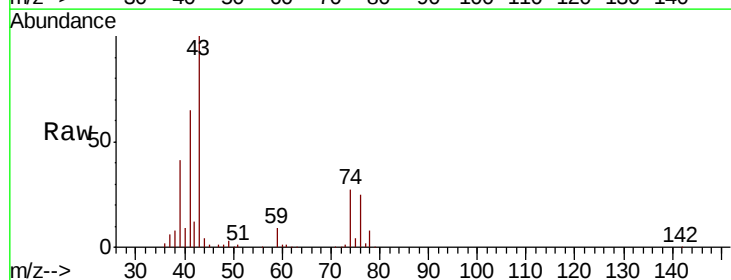
Acq: 11 Aug 2019 10:02

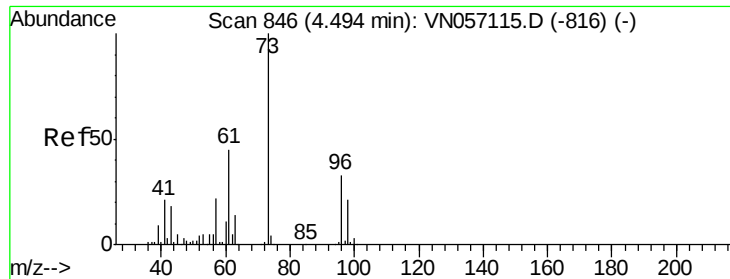
Tgt Ion: 43 Resp: 496141

Ion Ratio Lower Upper

43 100

74 26.0 20.2 30.4

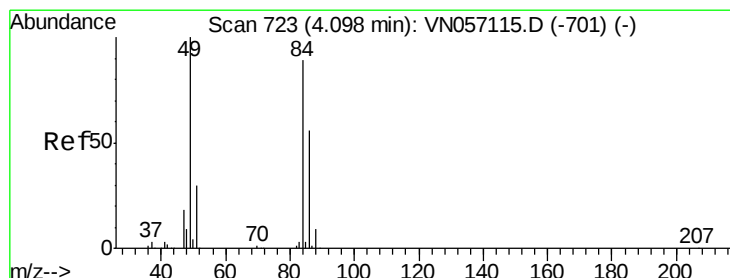
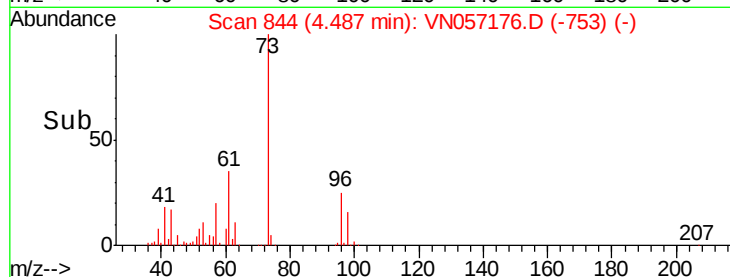
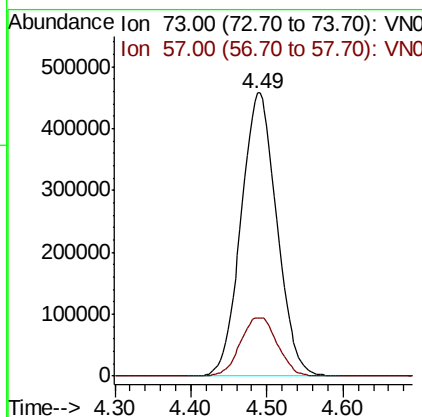
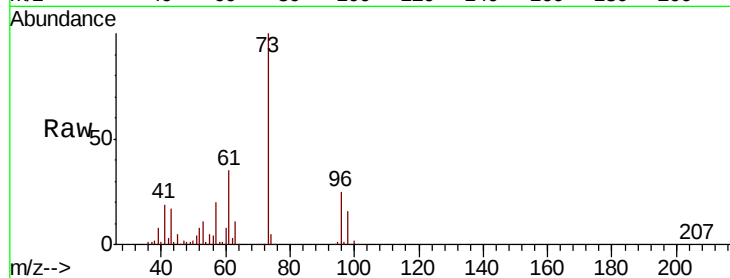




#19
Methyl tert-butyl Ether
Concen: 48.568 ug/l
RT: 4.49 min Scan# 844
Delta R.T. -0.01 min
Lab File: VN057176.D
Acq: 11 Aug 2019 10:02

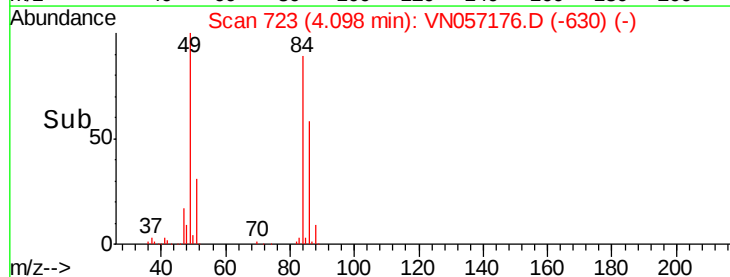
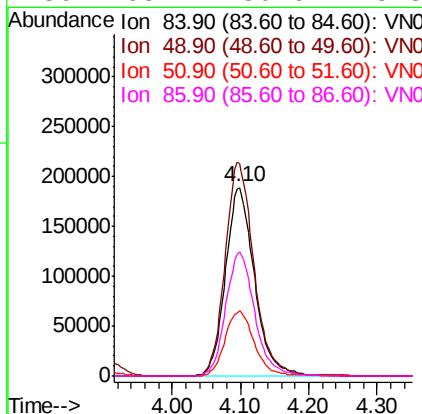
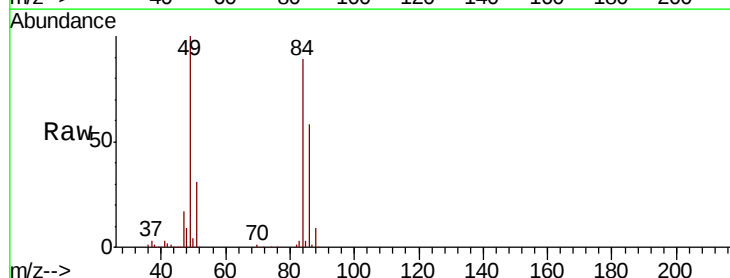
Instrument :
MSVOA_N
ClientSampled :
BFB63

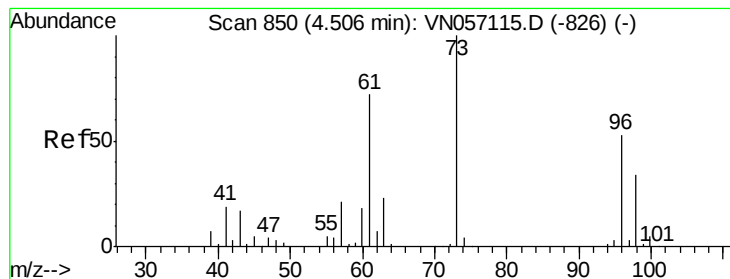
Tgt Ion: 73 Resp: 1493299
Ion Ratio Lower Upper
73 100
57 20.4 18.0 27.0



#20
Methylene Chloride
Concen: 45.522 ug/l
RT: 4.10 min Scan# 723
Delta R.T. 0.00 min
Lab File: VN057176.D
Acq: 11 Aug 2019 10:02

Tgt Ion: 84 Resp: 558484
Ion Ratio Lower Upper
84 100
49 112.9 89.5 134.3
51 34.5 27.2 40.8
86 65.7 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 46.891 ug/l

RT: 4.51 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN057176.D

Acq: 11 Aug 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

BFB63

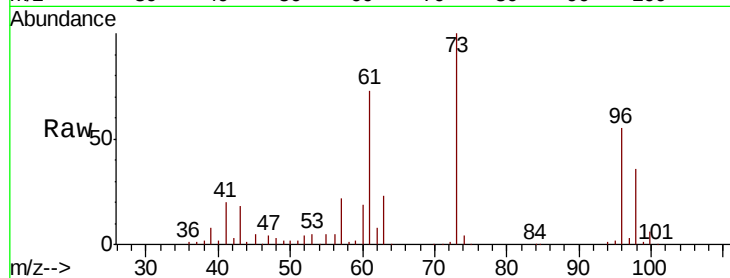
Tgt Ion: 96 Resp: 520225

Ion Ratio Lower Upper

96 100

61 132.7 108.1 162.1

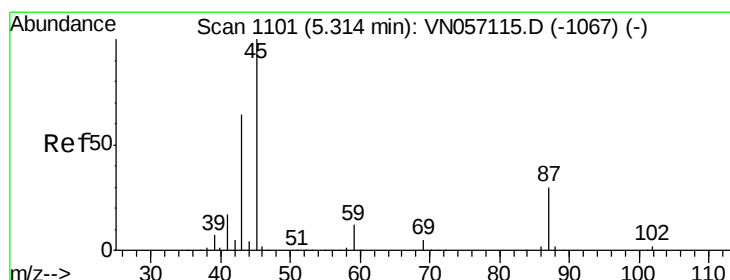
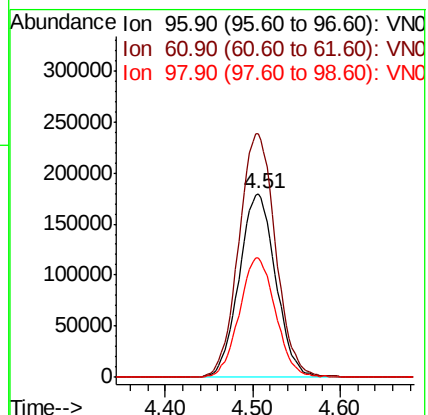
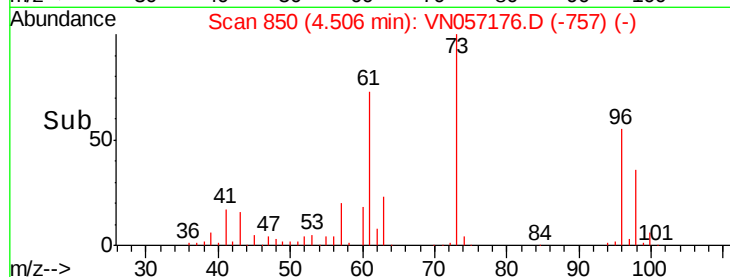
98 64.7 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 47.137 ug/l

RT: 5.31 min Scan# 1101

Delta R.T. 0.00 min

Lab File: VN057176.D

Acq: 11 Aug 2019 10:02

Tgt Ion: 45 Resp: 1521737

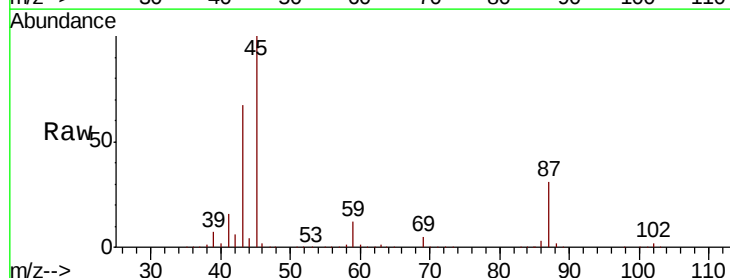
Ion Ratio Lower Upper

45 100

43 67.0 54.1 81.1

87 31.3 24.0 36.0

59 11.9 10.0 15.0

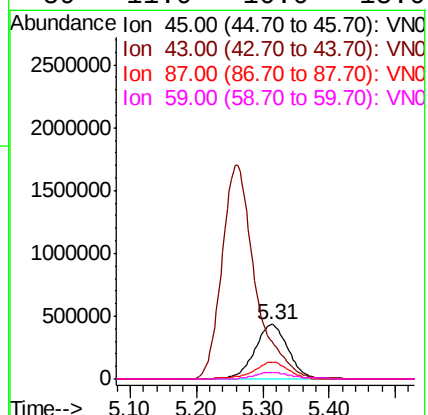
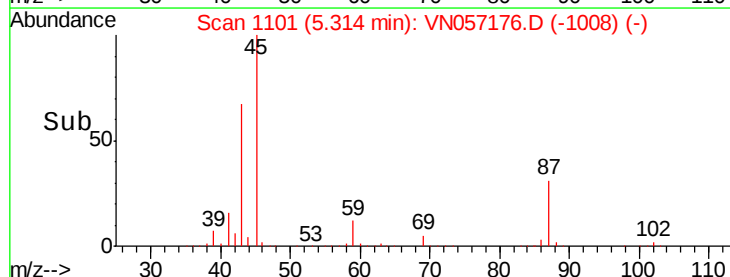


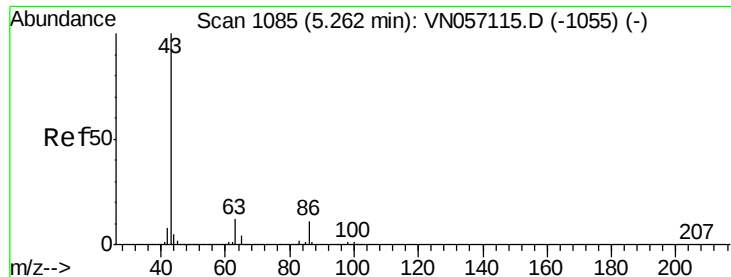
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 240.470 ug/l

RT: 5.26 min Scan# 1084

Delta R.T. -0.00 min

Lab File: VN057176.D

Acq: 11 Aug 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

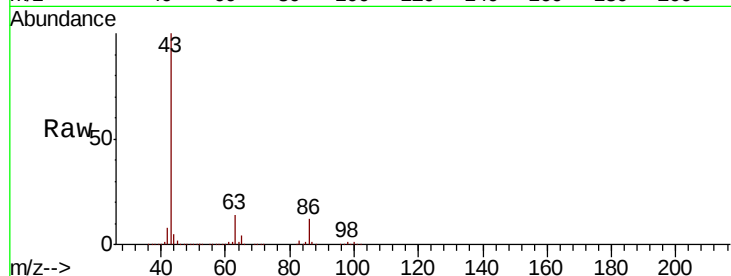
BFB63

Tgt Ion: 43 Resp: 5944765

Ion Ratio Lower Upper

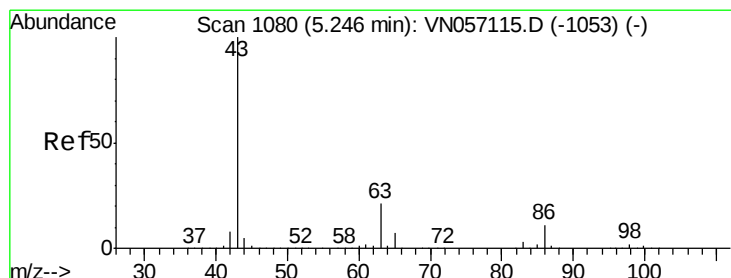
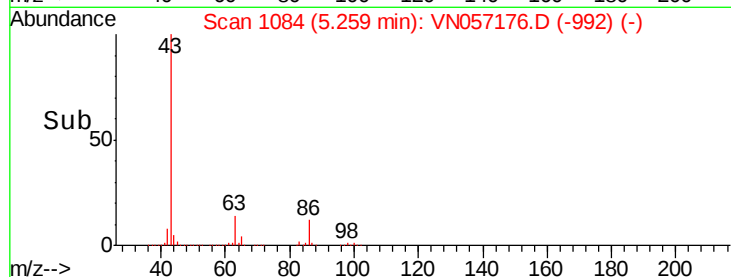
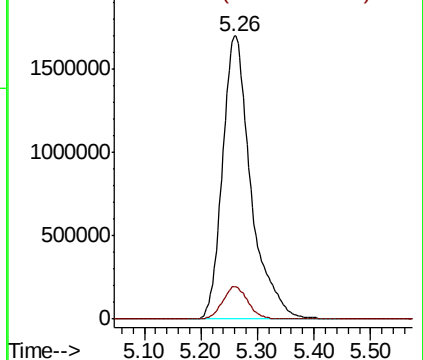
43 100

86 11.5 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 46.917 ug/l

RT: 5.25 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VN057176.D

Acq: 11 Aug 2019 10:02

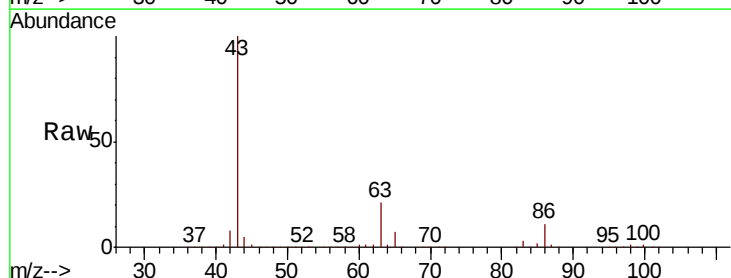
Tgt Ion: 63 Resp: 931107

Ion Ratio Lower Upper

63 100

98 6.5 3.8 11.2

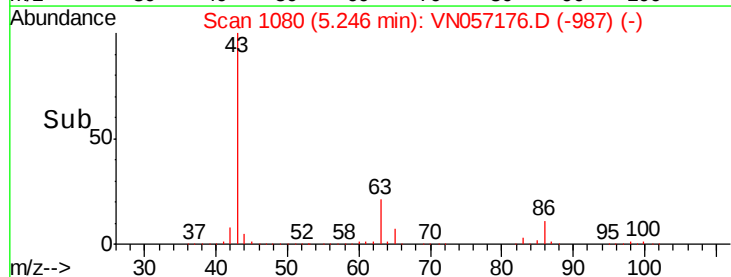
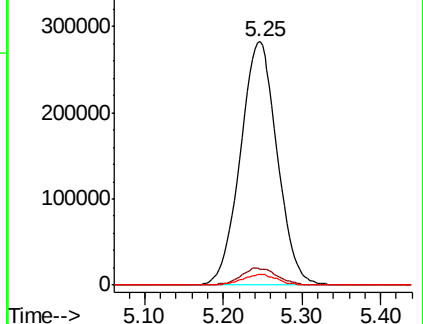
100 4.5 2.1 6.3

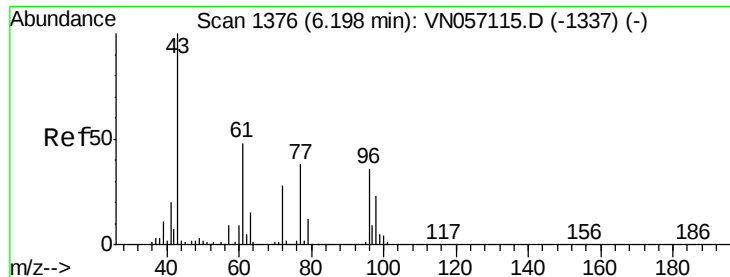


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

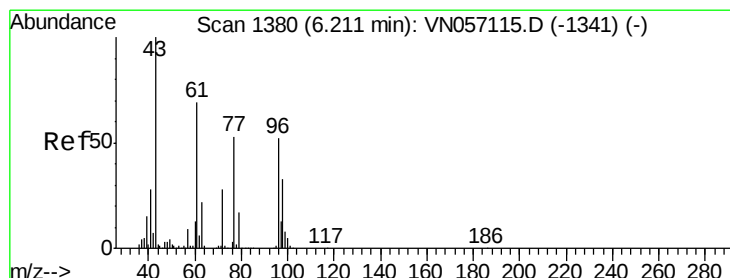
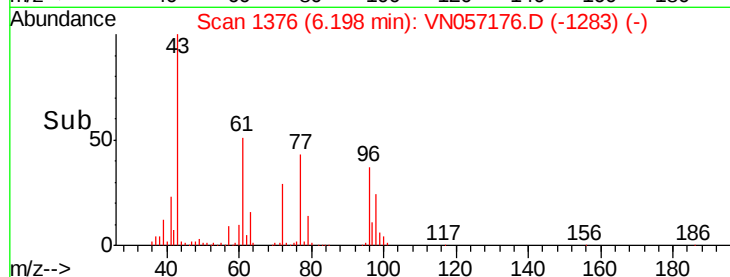
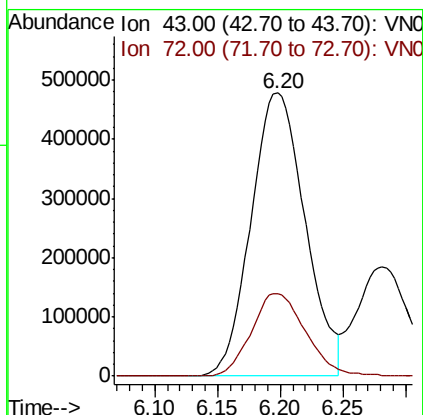
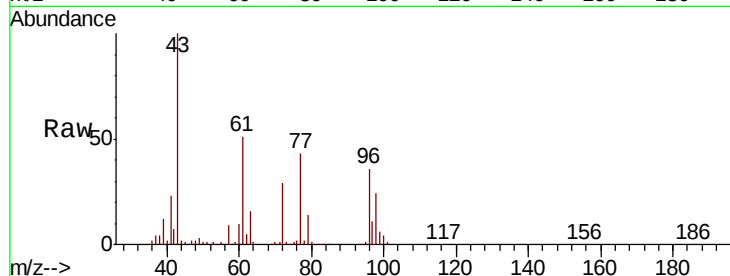




#25
2-Butanone
Concen: 251.828 ug/l
RT: 6.20 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VN057176.D
Acq: 11 Aug 2019 10:02

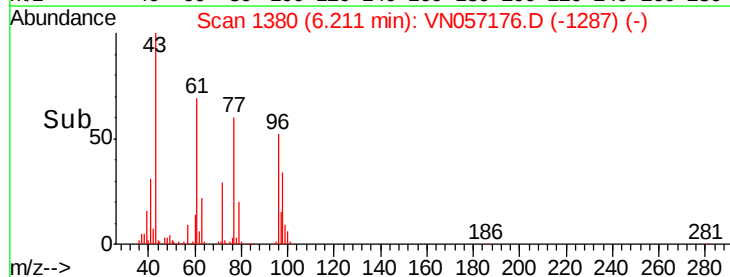
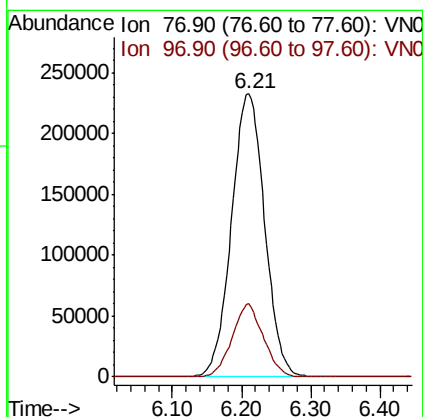
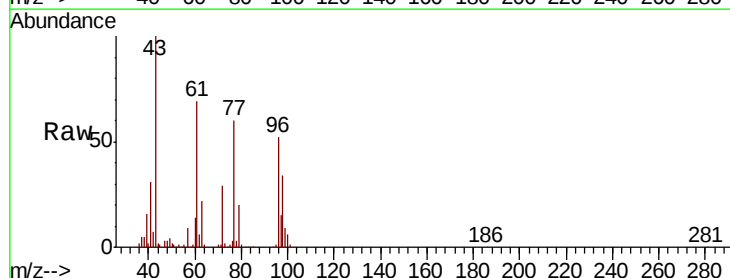
Instrument :
MSVOA_N
ClientSampleId :
BFB63

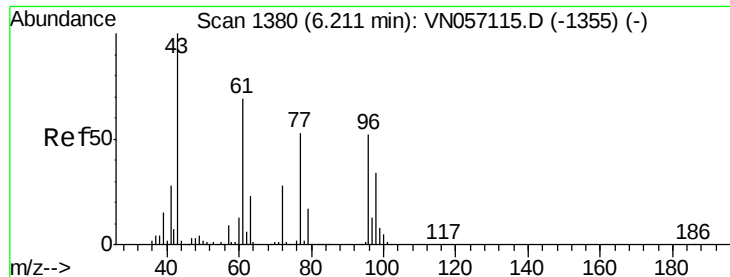
Tgt Ion: 43 Resp: 1430289
Ion Ratio Lower Upper
43 100
72 29.1 22.2 33.4



#26
2,2-Dichloropropane
Concen: 53.519 ug/l
RT: 6.21 min Scan# 1380
Delta R.T. 0.00 min
Lab File: VN057176.D
Acq: 11 Aug 2019 10:02

Tgt Ion: 77 Resp: 772737
Ion Ratio Lower Upper
77 100
97 24.3 12.3 36.8

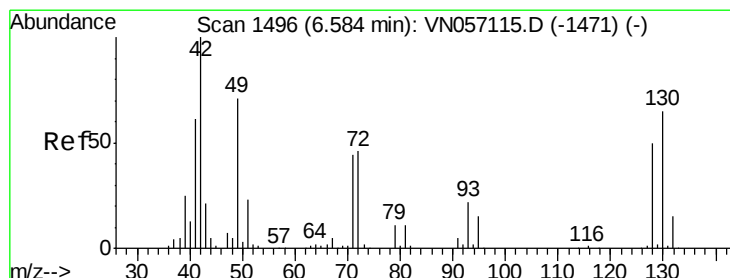
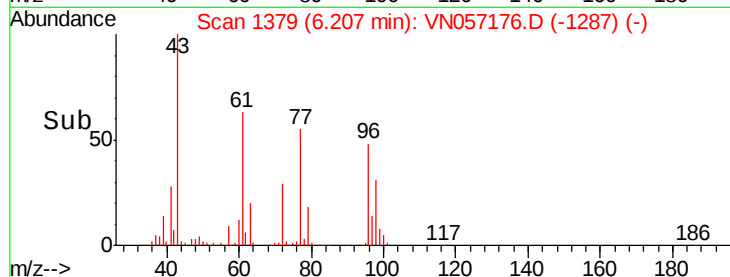
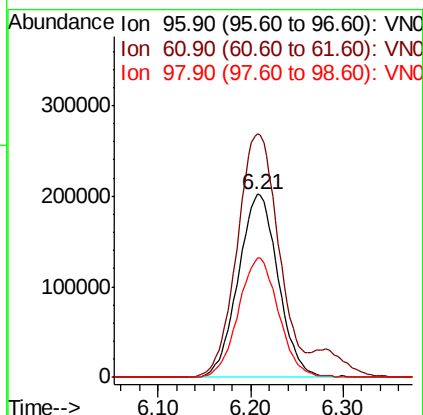
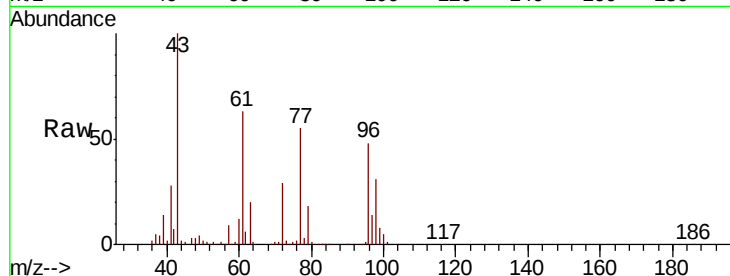




#27
 cis-1,2-Dichloroethene
 Concen: 47.581 ug/l
 RT: 6.21 min Scan# 1379
 Delta R.T. -0.00 min
 Lab File: VN057176.D
 Acq: 11 Aug 2019 10:02

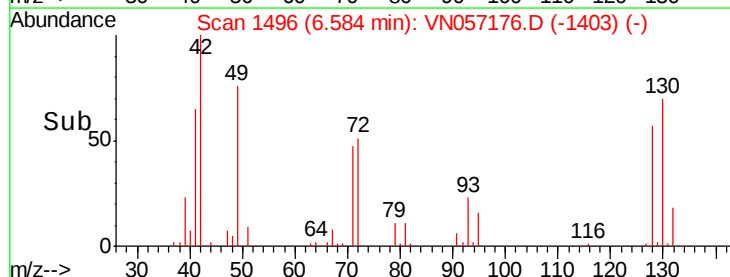
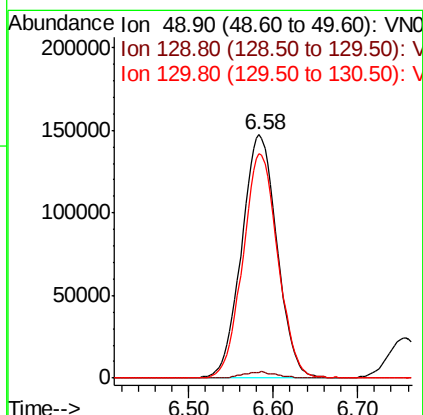
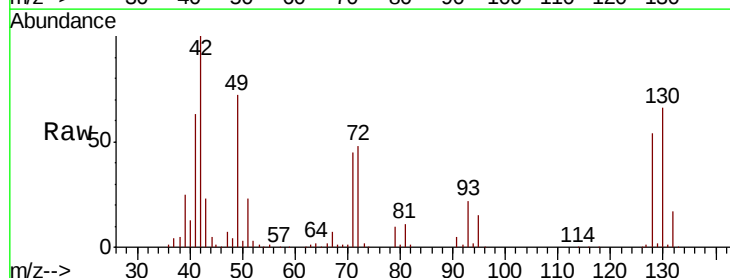
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB63

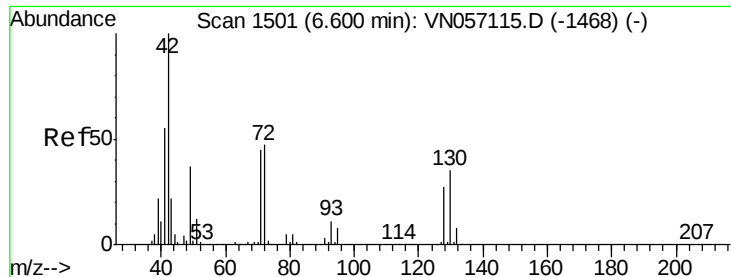
Tgt Ion: 96 Resp: 604742
 Ion Ratio Lower Upper
 96 100
 61 138.6 0.0 273.4
 98 65.7 0.0 130.4



#28
 Bromochloromethane
 Concen: 47.226 ug/l
 RT: 6.58 min Scan# 1496
 Delta R.T. 0.00 min
 Lab File: VN057176.D
 Acq: 11 Aug 2019 10:02

Tgt Ion: 49 Resp: 431098
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 90.6 73.8 110.8

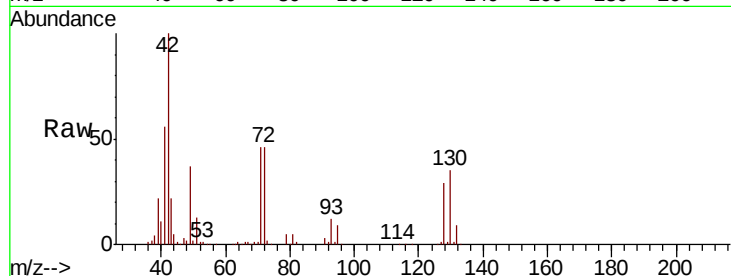




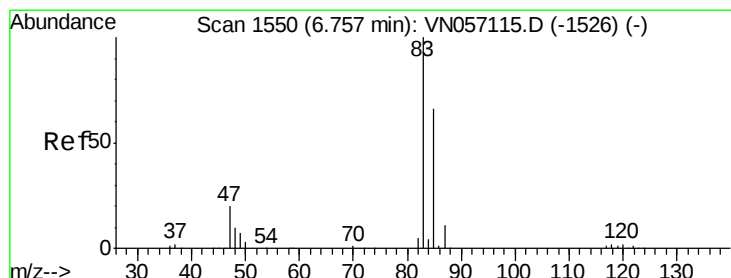
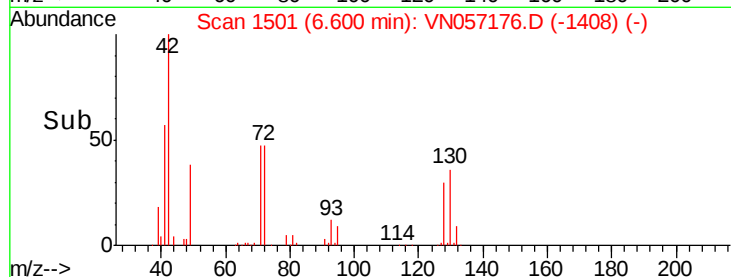
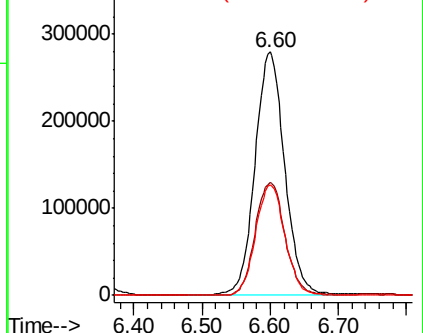
#29
Tetrahydrofuran
Concen: 221.069 ug/l
RT: 6.60 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VN057176.D
Acq: 11 Aug 2019 10:02

Instrument :
MSVOA_N
ClientSampled :
BFB63

Tgt Ion: 42 Resp: 845818
Ion Ratio Lower Upper
42 100
72 46.4 37.1 55.7
71 44.8 34.8 52.2

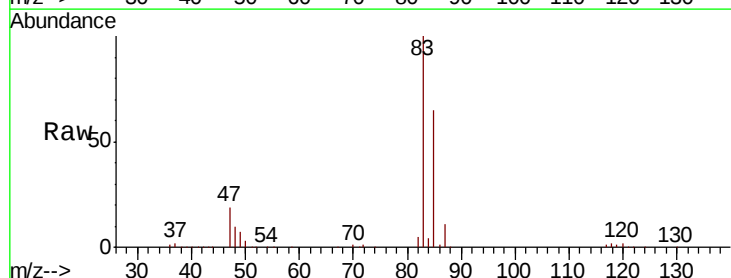


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

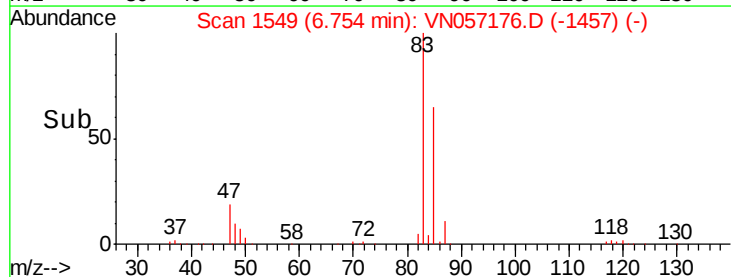
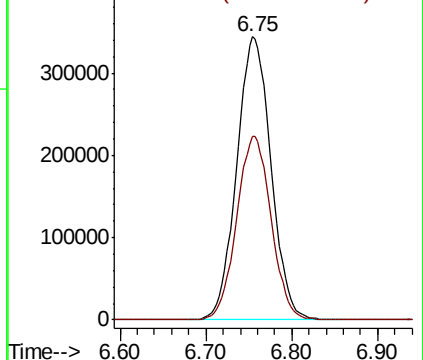


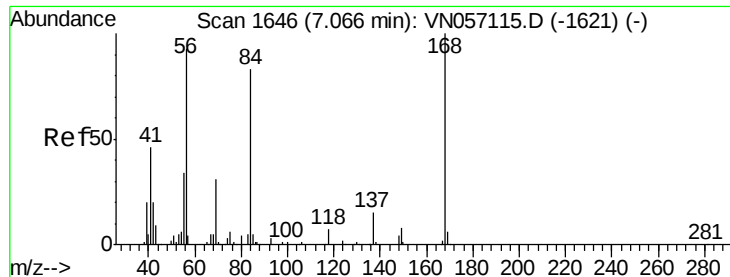
#30
Chloroform
Concen: 46.396 ug/l
RT: 6.75 min Scan# 1549
Delta R.T. -0.00 min
Lab File: VN057176.D
Acq: 11 Aug 2019 10:02

Tgt Ion: 83 Resp: 953001
Ion Ratio Lower Upper
83 100
85 64.7 52.6 78.8



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

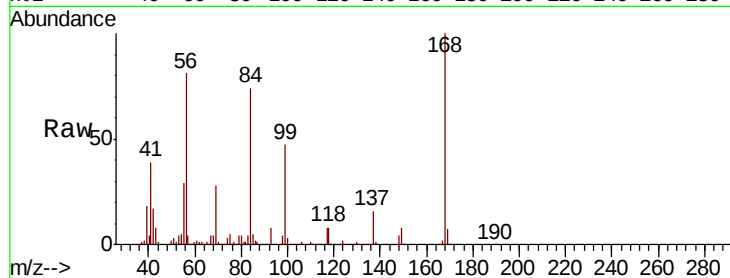




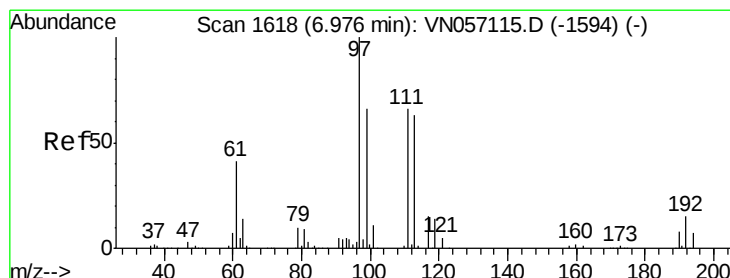
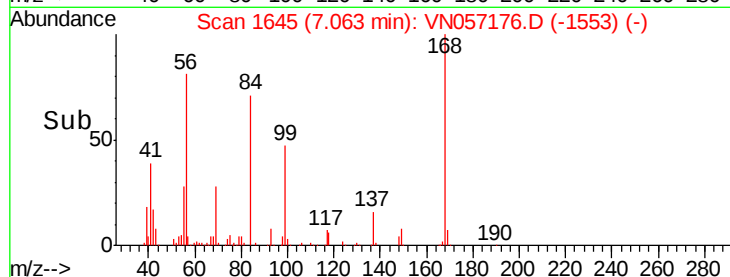
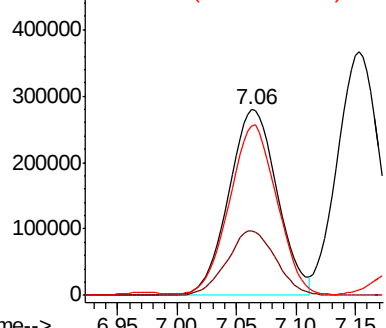
#31
Cyclohexane
Concen: 44.329 ug/l
RT: 7.06 min Scan# 1645
Delta R.T. -0.00 min
Lab File: VN057176.D
Acq: 11 Aug 2019 10:02

Instrument :
MSVOA_N
ClientSampled :
BFB63

Tgt Ion: 56 Resp: 791484
Ion Ratio Lower Upper
56 100
69 34.6 26.9 40.3
84 90.4 71.9 107.9

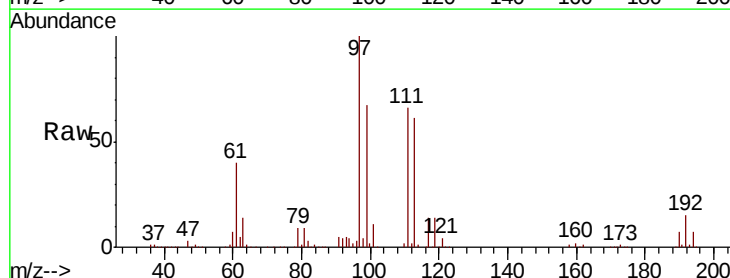


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

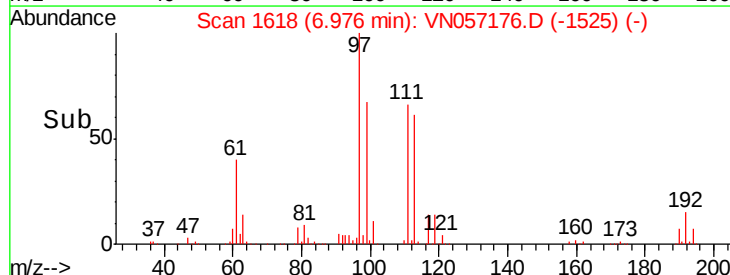
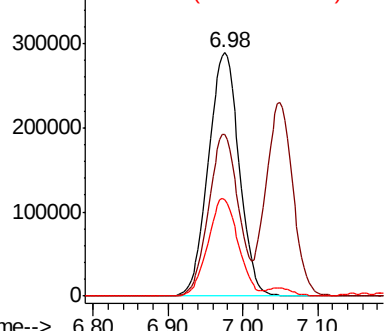


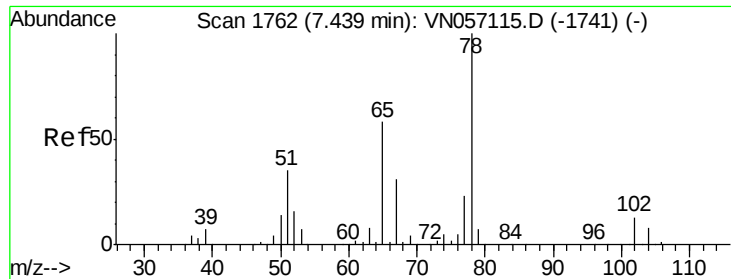
#32
1,1,1-Trichloroethane
Concen: 47.950 ug/l
RT: 6.98 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VN057176.D
Acq: 11 Aug 2019 10:02

Tgt Ion: 97 Resp: 826225
Ion Ratio Lower Upper
97 100
99 64.3 51.8 77.6
61 39.7 32.7 49.1



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

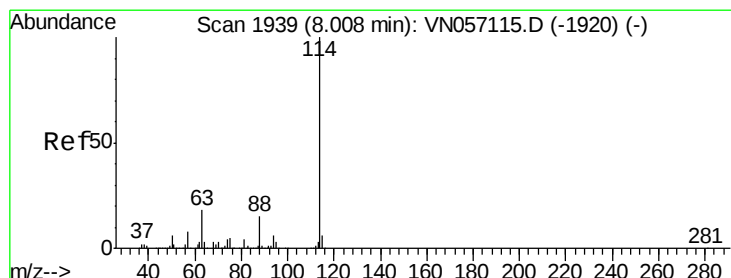
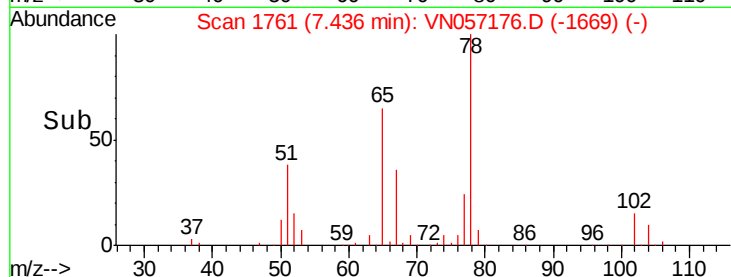
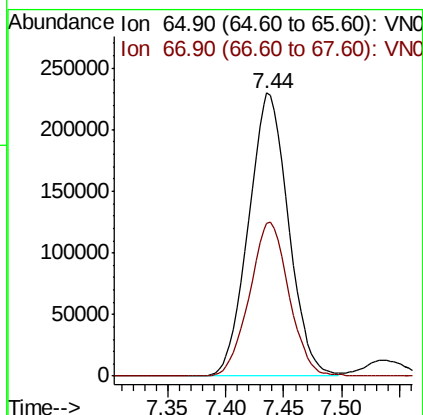
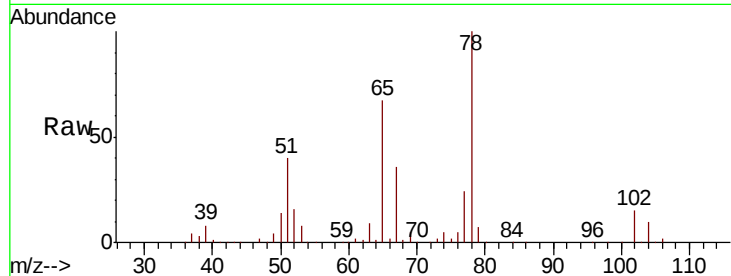




#33
 1,2-Dichloroethane-d4
 Concen: 44.690 ug/l
 RT: 7.44 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: VN057176.D
 Acq: 11 Aug 2019 10:02

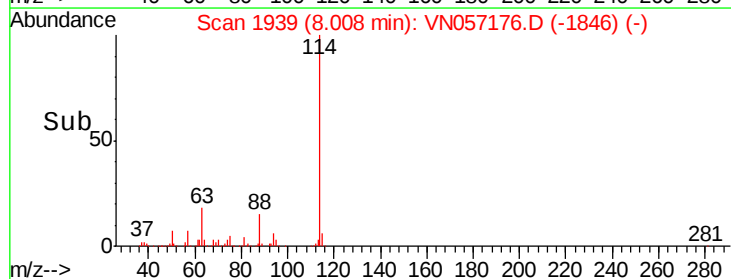
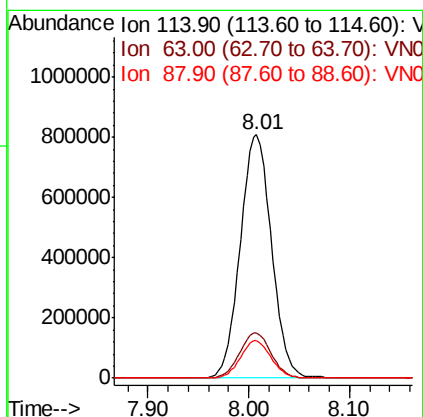
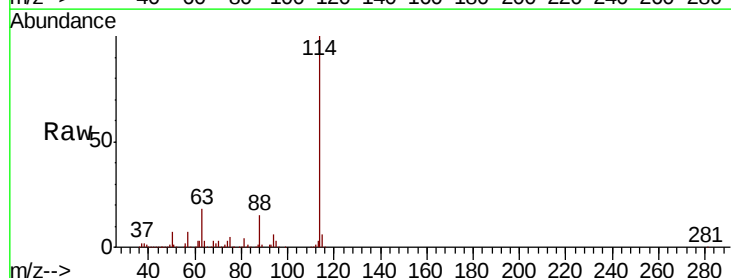
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB63

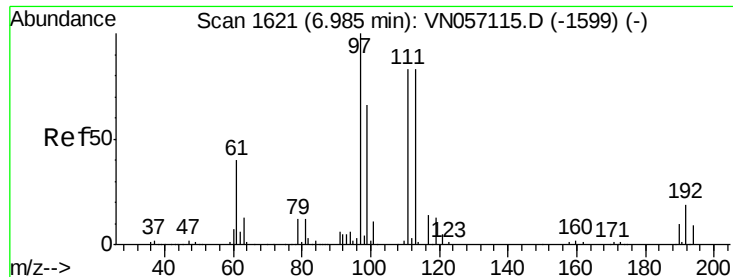
Tgt Ion: 65 Resp: 550099
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN057176.D
 Acq: 11 Aug 2019 10:02

Tgt Ion: 114 Resp: 1732791
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.2
 88 15.3 0.0 30.0

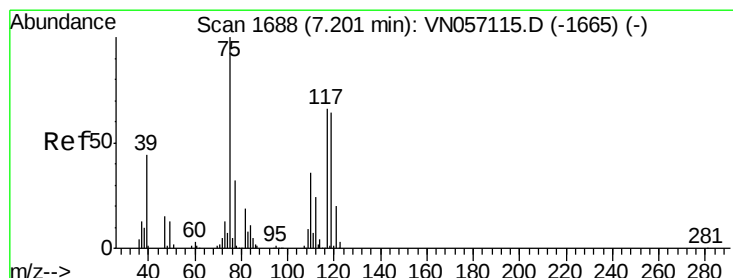
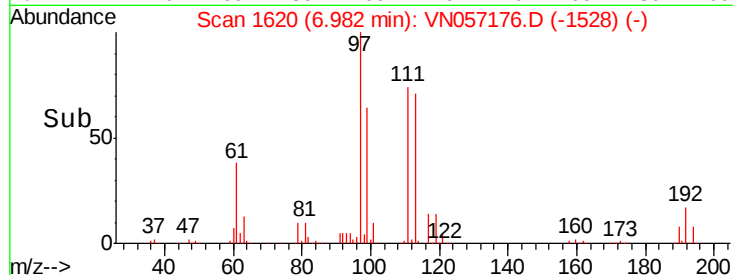
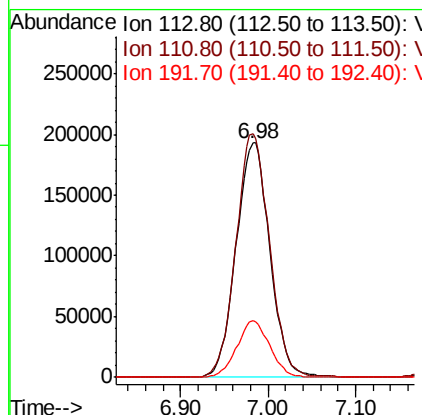
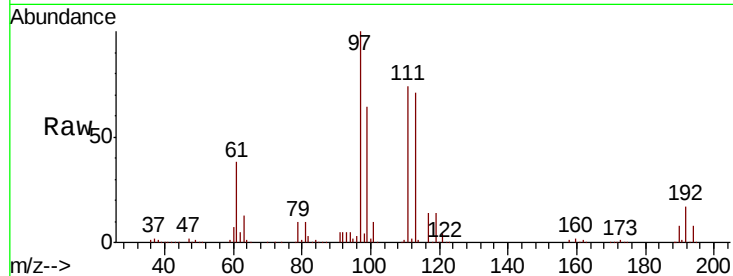




#35
 Dibromofluoromethane
 Concen: 47.590 ug/l
 RT: 6.98 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: VN057176.D
 Acq: 11 Aug 2019 10:02

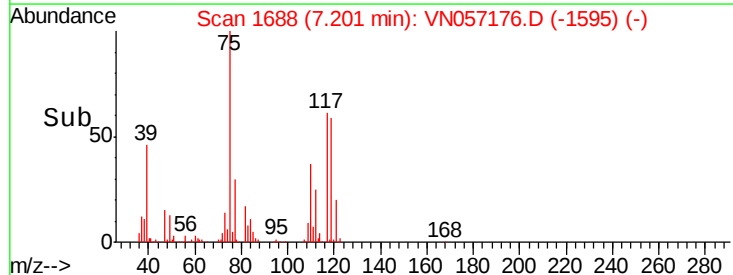
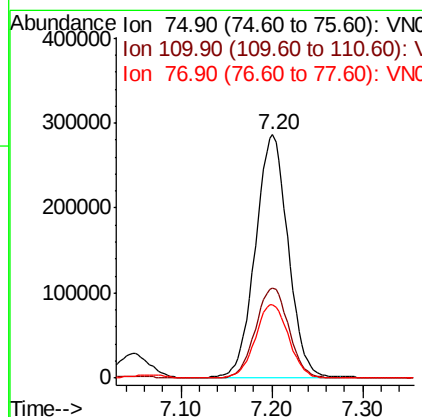
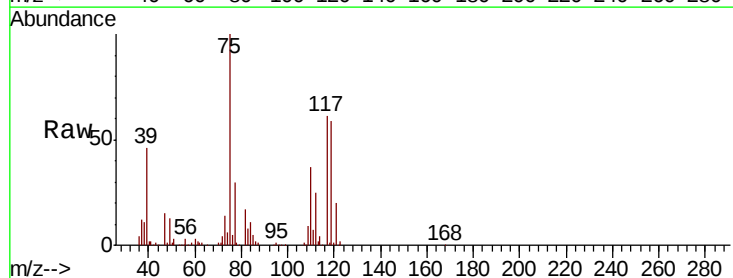
Instrument :
 MSVOA_N
 ClientSampled :
 BFB63

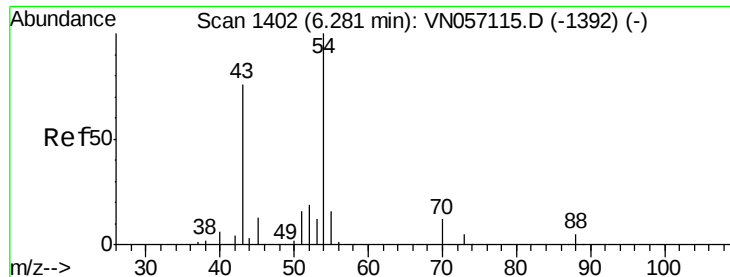
Tgt Ion: 113 Resp: 517473
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.3 121.9
 192 23.5 19.0 28.4



#36
 1,1-Dichloropropene
 Concen: 50.122 ug/l
 RT: 7.20 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: VN057176.D
 Acq: 11 Aug 2019 10:02

Tgt Ion: 75 Resp: 715096
 Ion Ratio Lower Upper
 75 100
 110 37.8 18.7 56.1
 77 31.0 25.0 37.4

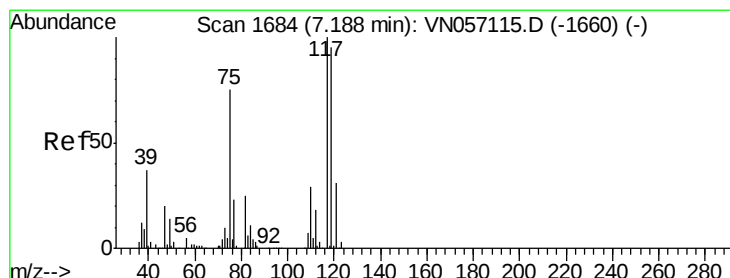
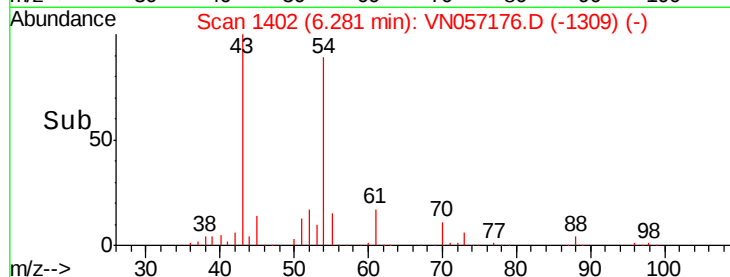
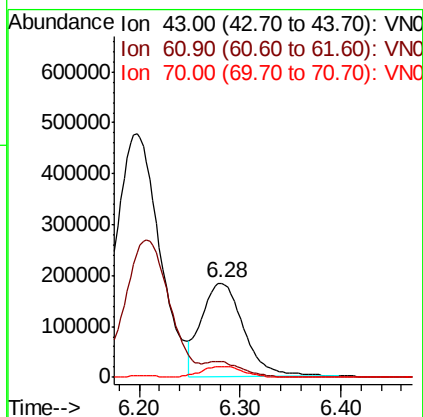
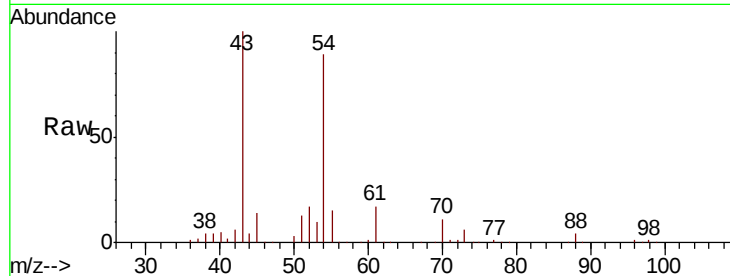




#37
Ethyl Acetate
Concen: 45.545 ug/l
RT: 6.28 min Scan# 1402
Delta R.T. 0.00 min
Lab File: VN057176.D
Acq: 11 Aug 2019 10:02

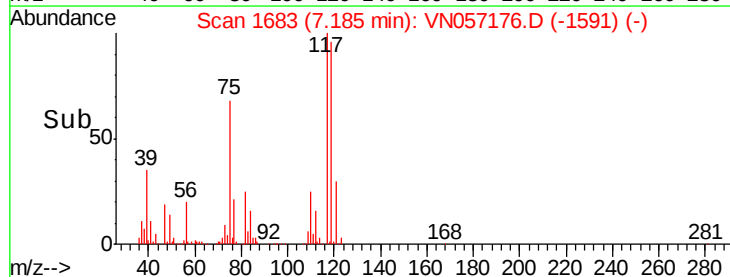
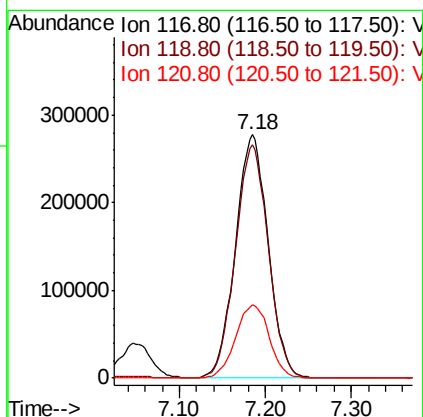
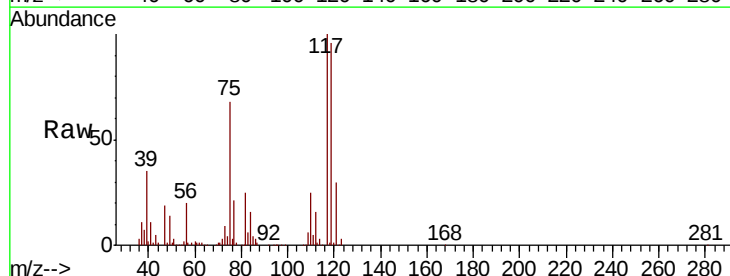
Instrument :
MSVOA_N
ClientSampled :
BFB63

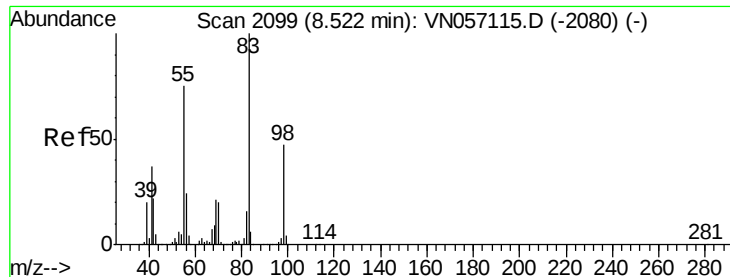
Tgt Ion: 43 Resp: 535667
Ion Ratio Lower Upper
43 100
61 0.0 0.0 0.0
70 11.7 9.1 13.7



#38
Carbon Tetrachloride
Concen: 49.330 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN057176.D
Acq: 11 Aug 2019 10:02

Tgt Ion: 117 Resp: 733473
Ion Ratio Lower Upper
117 100
119 96.0 75.8 113.6
121 29.9 24.4 36.6

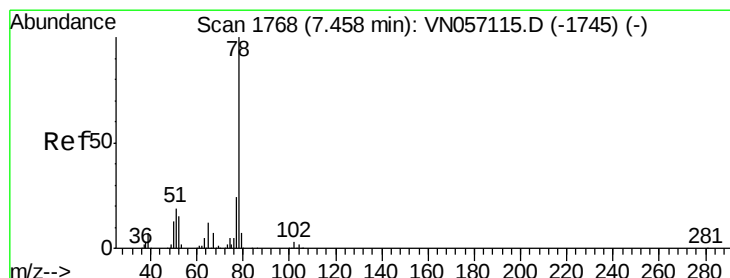
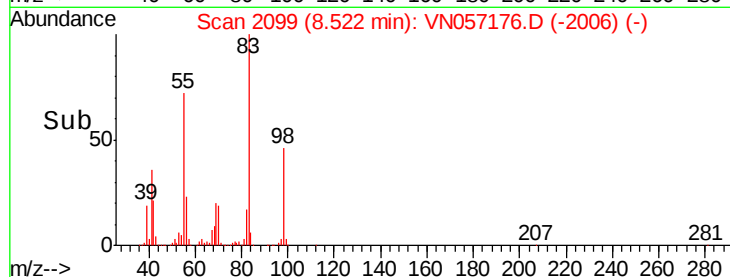
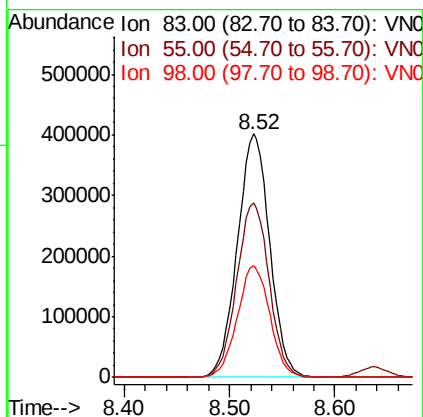
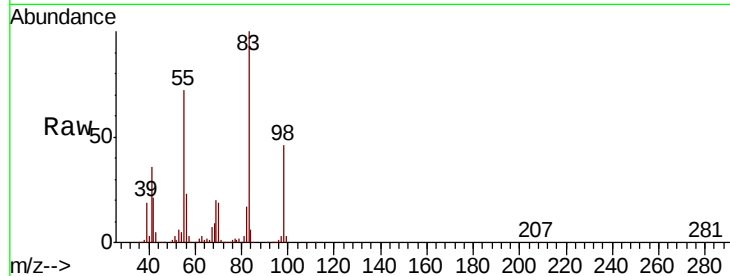




#39
Methylcyclohexane
Concen: 49.333 ug/l
RT: 8.52 min Scan# 2099
Delta R.T. 0.00 min
Lab File: VN057176.D
Acq: 11 Aug 2019 10:02

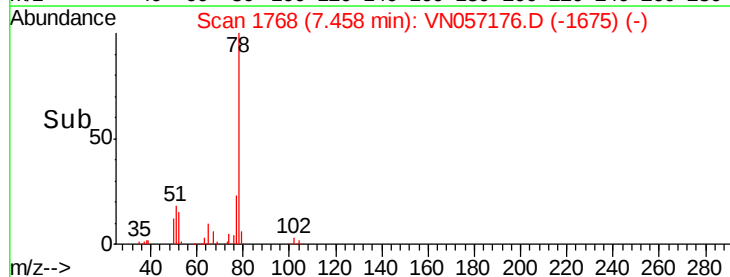
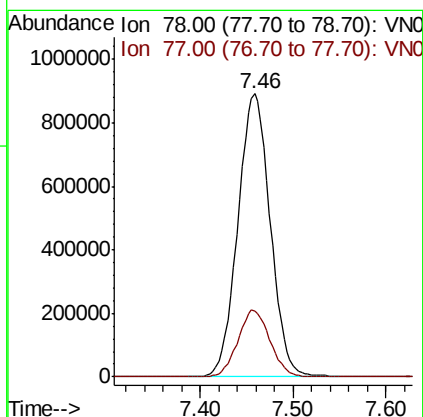
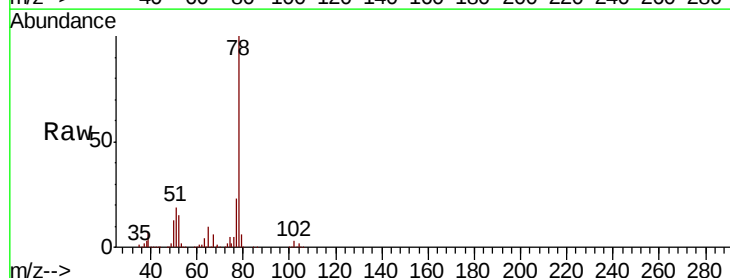
Instrument :
MSVOA_N
ClientSampled :
BFB63

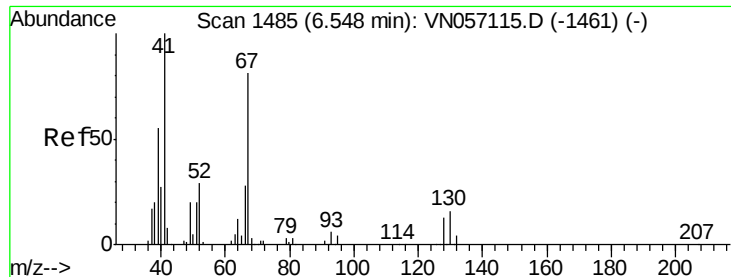
Tgt Ion: 83 Resp: 855920
Ion Ratio Lower Upper
83 100
55 71.6 60.3 90.5
98 45.9 37.9 56.9



#40
Benzene
Concen: 47.815 ug/l
RT: 7.46 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VN057176.D
Acq: 11 Aug 2019 10:02

Tgt Ion: 78 Resp: 2159595
Ion Ratio Lower Upper
78 100
77 23.4 19.2 28.8





#41

Methacrylonitrile

Concen: 49.699 ug/l

RT: 6.54 min Scan# 1484

Delta R.T. -0.00 min

Lab File: VN057176.D

Acq: 11 Aug 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

BFB63

Tgt Ion: 41 Resp: 296903

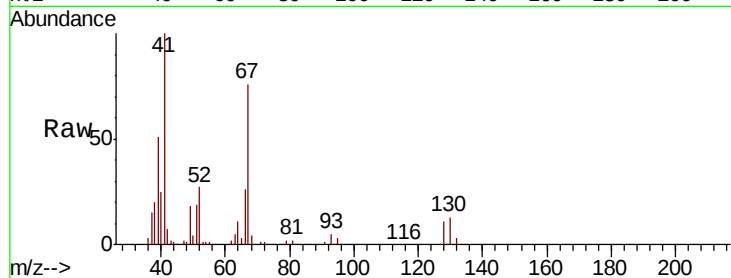
Ion Ratio Lower Upper

41 100

39 54.3 44.9 67.3

67 85.0 69.1 103.7

52 30.7 25.8 38.6

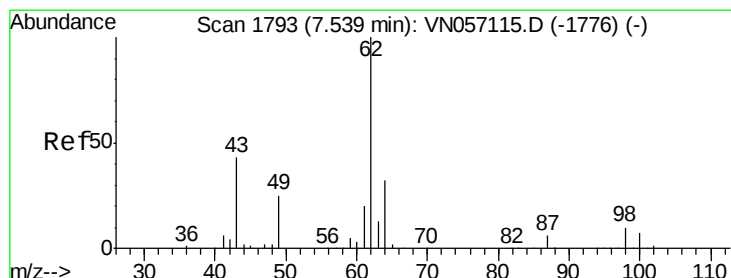
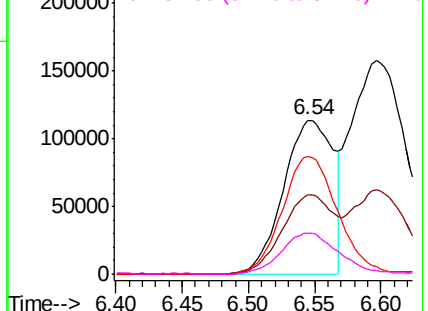
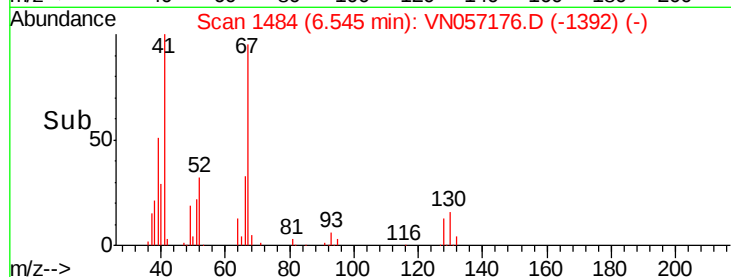


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 47.391 ug/l

RT: 7.54 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VN057176.D

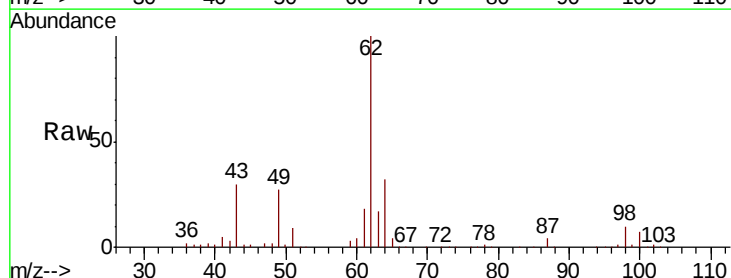
Acq: 11 Aug 2019 10:02

Tgt Ion: 62 Resp: 682632

Ion Ratio Lower Upper

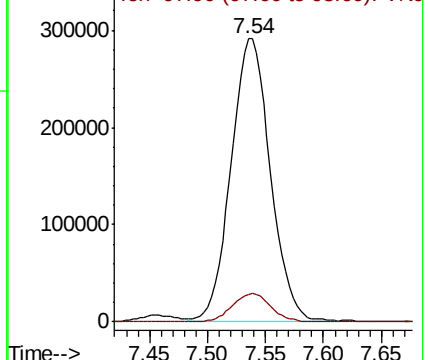
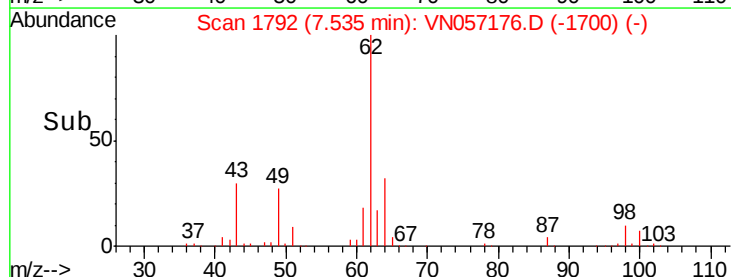
62 100

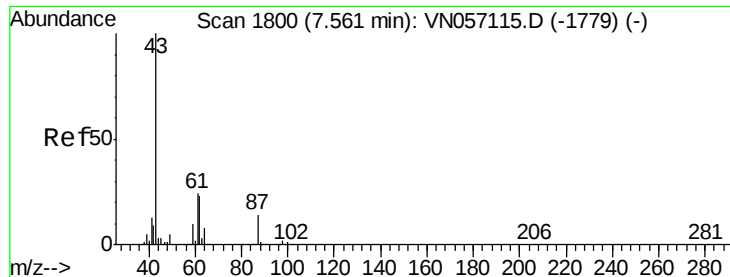
98 10.0 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 46.310 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN057176.D

Acq: 11 Aug 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

BFB63

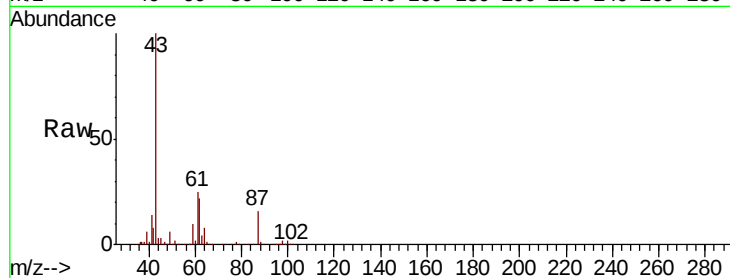
Tgt Ion: 43 Resp: 929457

Ion Ratio Lower Upper

43 100

61 29.8 24.2 36.2

87 15.2 11.8 17.8

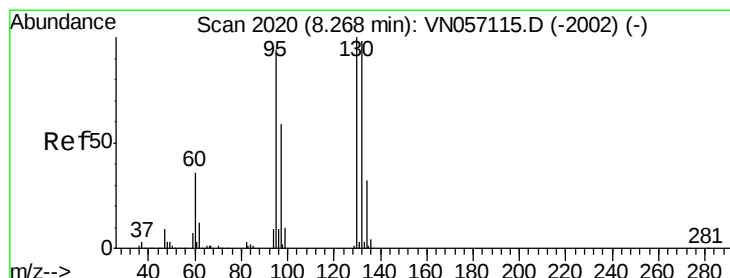
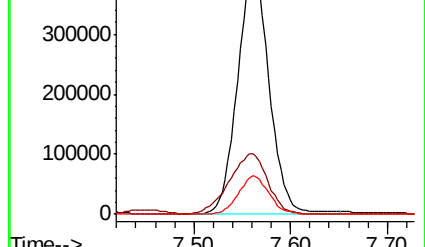
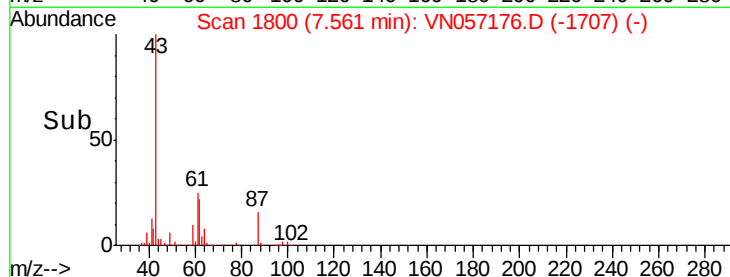


Abundance Ion 43.00 (42.70 to 43.70): VN057115.D (-1779) (-)

Ion 61.00 (60.70 to 61.70): VN057115.D (-1779) (-)

Ion 87.00 (86.70 to 87.70): VN057115.D (-1779) (-)

Time-->



#44

Trichloroethene

Concen: 49.942 ug/l

RT: 8.27 min Scan# 2020

Delta R.T. 0.00 min

Lab File: VN057176.D

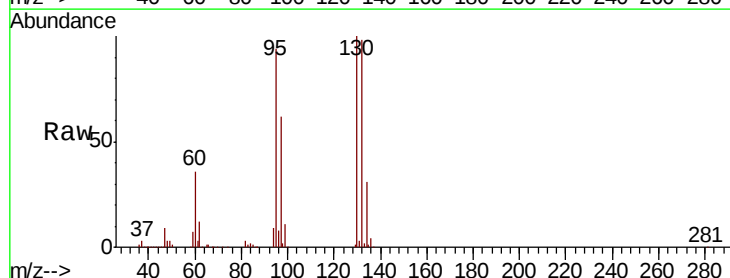
Acq: 11 Aug 2019 10:02

Tgt Ion: 130 Resp: 631937

Ion Ratio Lower Upper

130 100

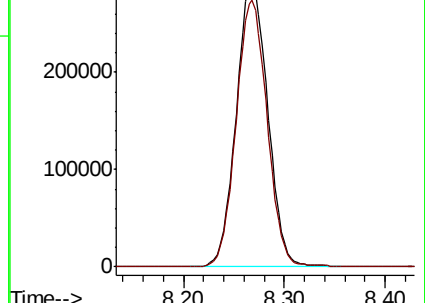
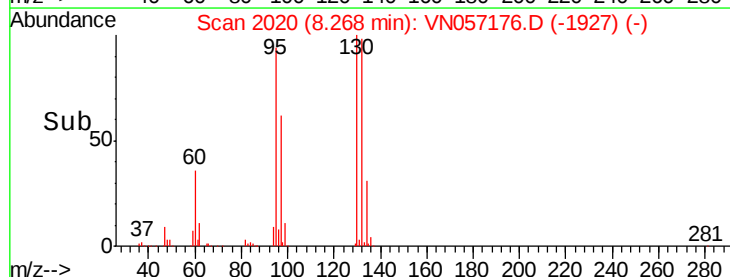
95 94.2 0.0 187.4

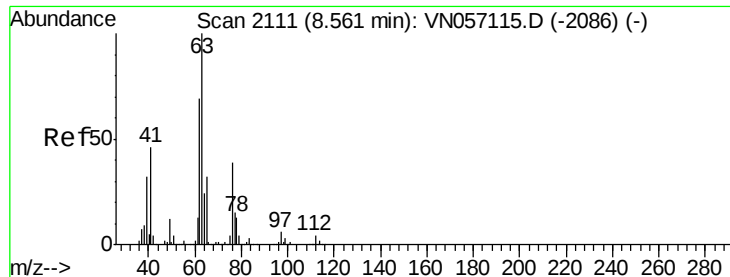


Abundance Ion 129.80 (129.50 to 130.50): VN057115.D (-2002) (-)

Ion 94.90 (94.60 to 95.60): VN057115.D (-2002) (-)

Time-->

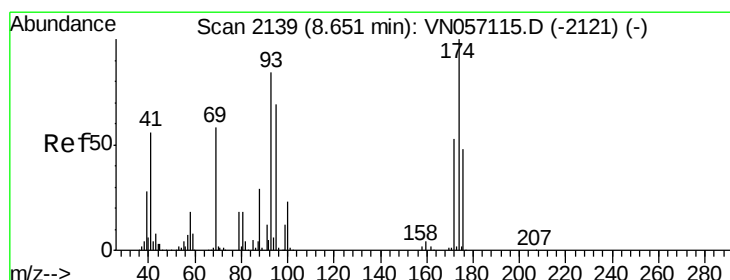
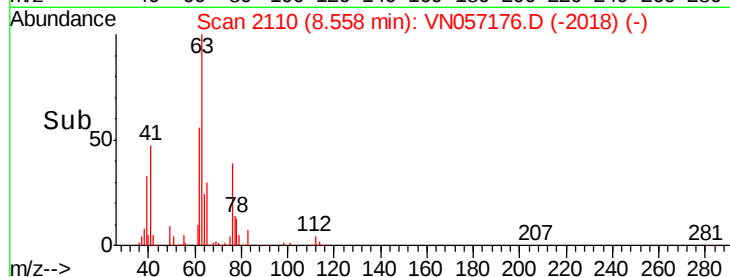
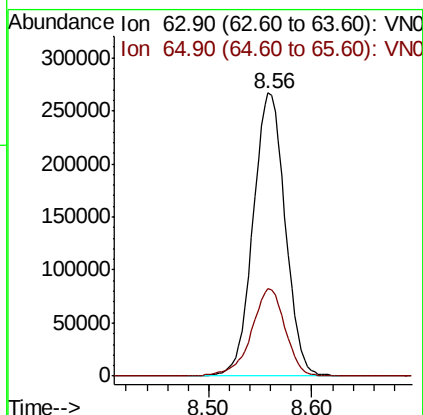
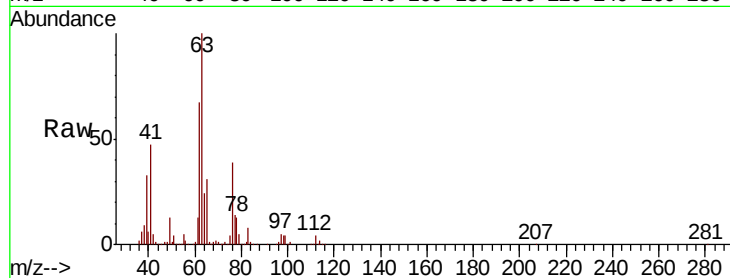




#45
 1,2-Dichloropropane
 Concen: 49.140 ug/l
 RT: 8.56 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VN057176.D
 Acq: 11 Aug 2019 10:02

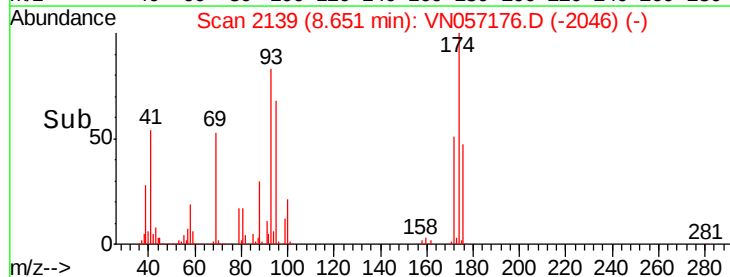
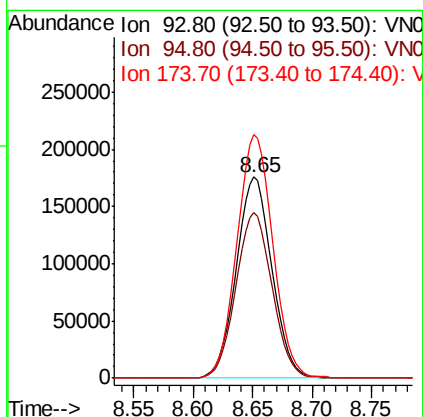
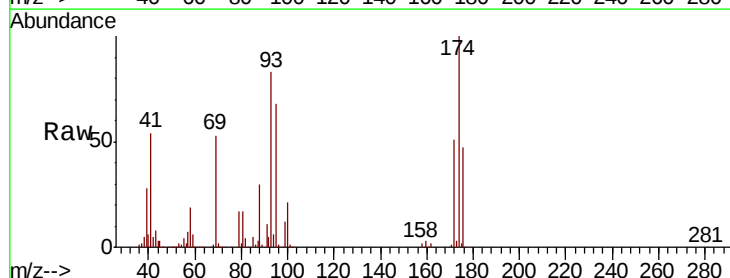
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB63

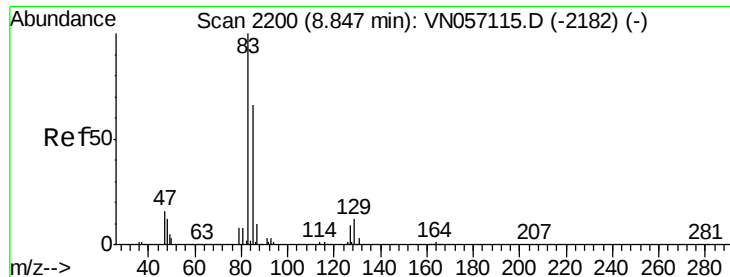
Tgt Ion: 63 Resp: 574663
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.2 37.8



#46
 Dibromomethane
 Concen: 48.735 ug/l
 RT: 8.65 min Scan# 2139
 Delta R.T. 0.00 min
 Lab File: VN057176.D
 Acq: 11 Aug 2019 10:02

Tgt Ion: 93 Resp: 365435
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.0 99.0
 174 122.1 96.0 144.0





#47

Bromodichloromethane

Concen: 50.844 ug/l

RT: 8.85 min Scan# 2200

Delta R.T. 0.00 min

Lab File: VN057176.D

Acq: 11 Aug 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

BFB63

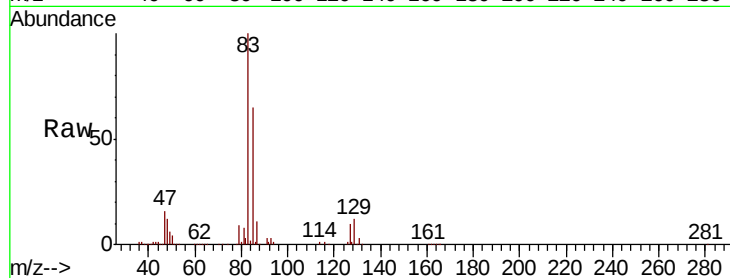
Tgt Ion: 83 Resp: 737691

Ion Ratio Lower Upper

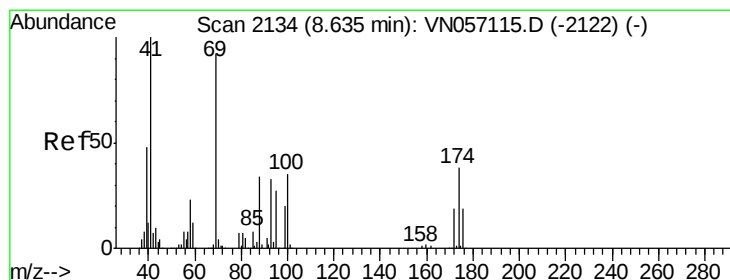
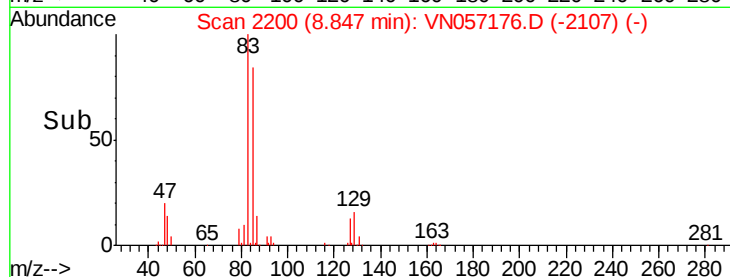
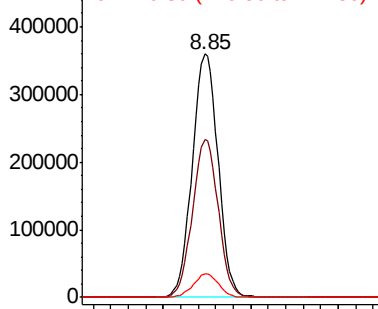
83 100

85 65.1 52.6 78.8

127 9.7 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VNC
Ion 84.90 (84.60 to 85.60): VNC
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 45.274 ug/l

RT: 8.63 min Scan# 2134

Delta R.T. 0.00 min

Lab File: VN057176.D

Acq: 11 Aug 2019 10:02

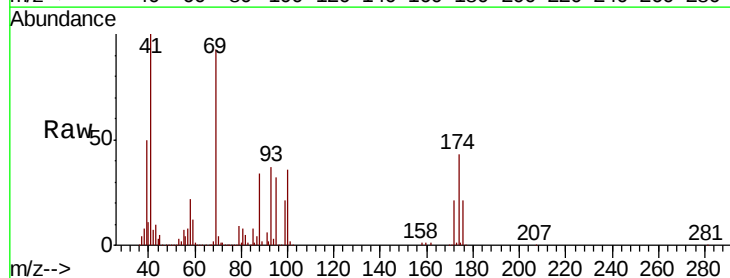
Tgt Ion: 41 Resp: 428476

Ion Ratio Lower Upper

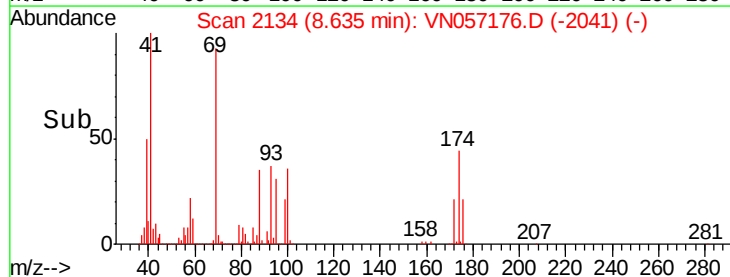
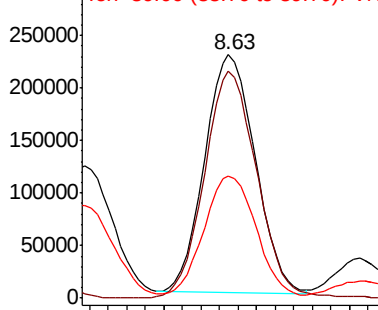
41 100

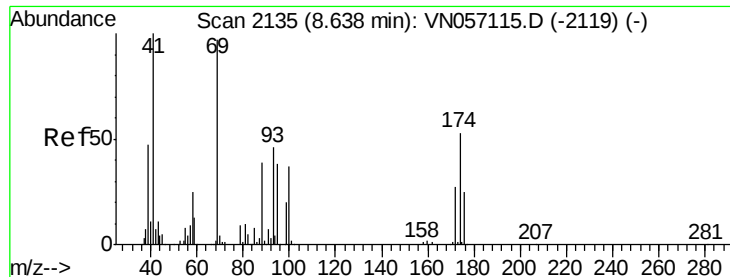
69 98.5 77.5 116.3

39 50.8 39.8 59.6



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





#49

1,4-Dioxane

Concen: 965.760 ug/l

RT: 8.64 min Scan# 2135

Delta R.T. 0.00 min

Lab File: VN057176.D

Acq: 11 Aug 2019 10:02

Instrument :
MSVOA_N
ClientSampled :
BFB63

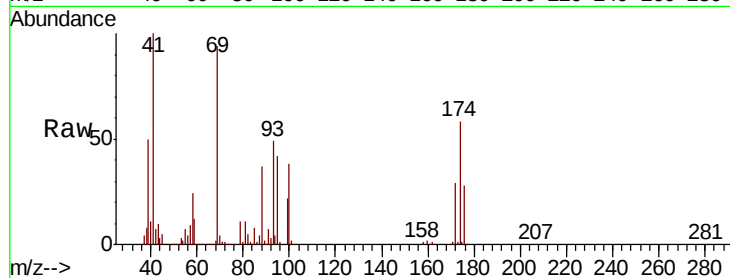
Tgt Ion: 88 Resp: 186151

Ion Ratio Lower Upper

88 100

43 26.1 21.7 32.5

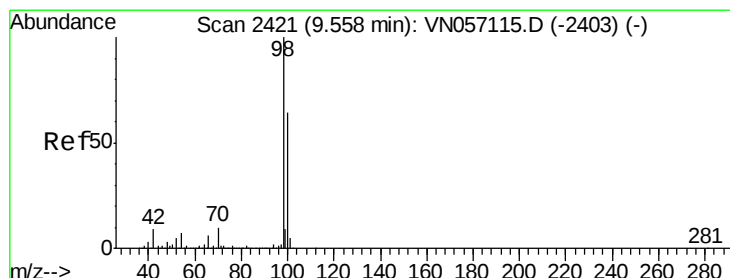
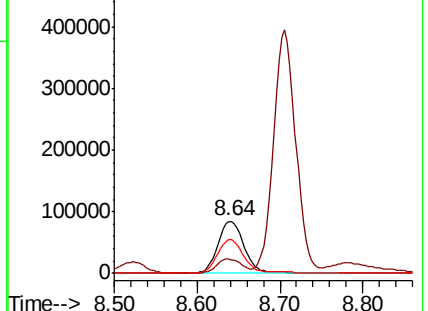
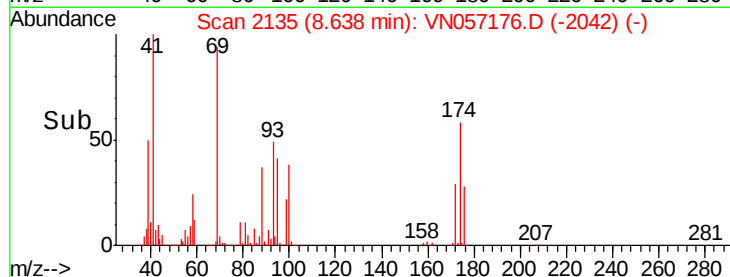
58 63.4 51.1 76.7



Abundance Ion 88.00 (87.70 to 88.70): VN057176.D (-2042) (-)

Ion 43.00 (42.70 to 43.70): VN057176.D (-2042) (-)

Ion 58.00 (57.70 to 58.70): VN057176.D (-2042) (-)



#50

Toluene-d8

Concen: 46.349 ug/l

RT: 9.56 min Scan# 2421

Delta R.T. 0.00 min

Lab File: VN057176.D

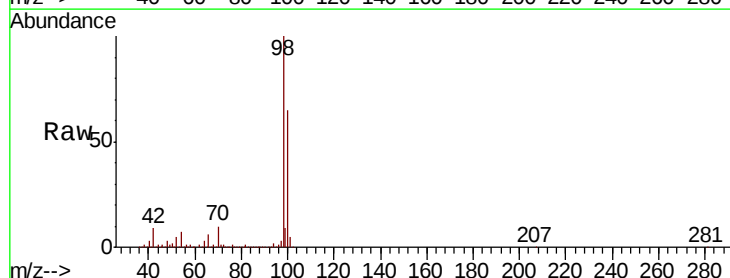
Acq: 11 Aug 2019 10:02

Tgt Ion: 98 Resp: 1928148

Ion Ratio Lower Upper

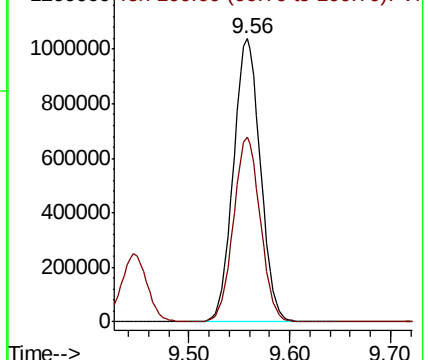
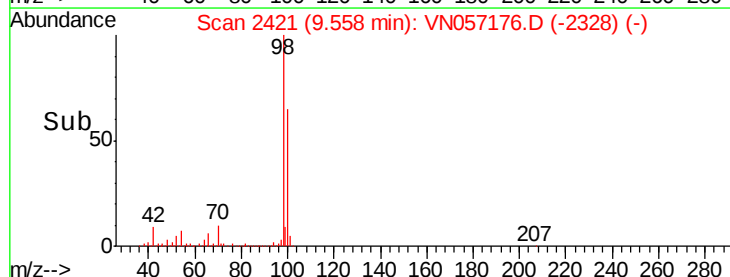
98 100

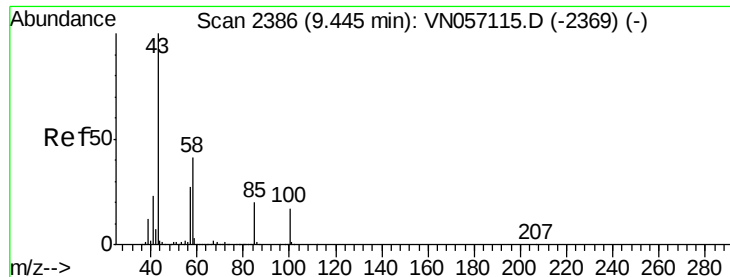
100 64.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN057176.D (-2328) (-)

Ion 100.00 (99.70 to 100.70): VN057176.D (-2328) (-)





#51

4-Methyl-2-Pentanone

Concen: 228.221 ug/l

RT: 9.45 min Scan# 2386

Delta R.T. 0.00 min

Lab File: VN057176.D

Acq: 11 Aug 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

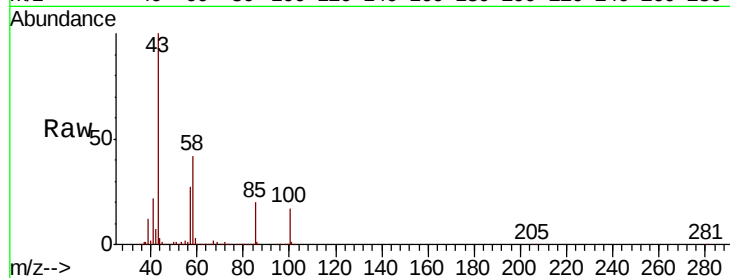
BFB63

Tgt Ion: 43 Resp: 2665785

Ion Ratio Lower Upper

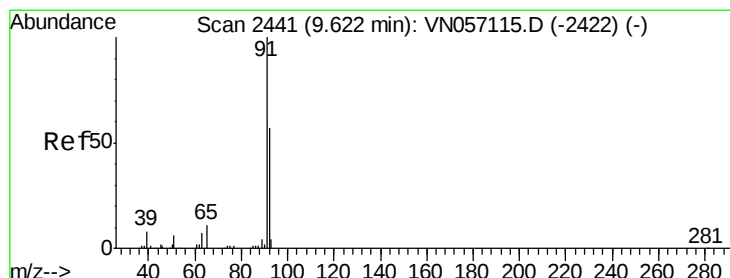
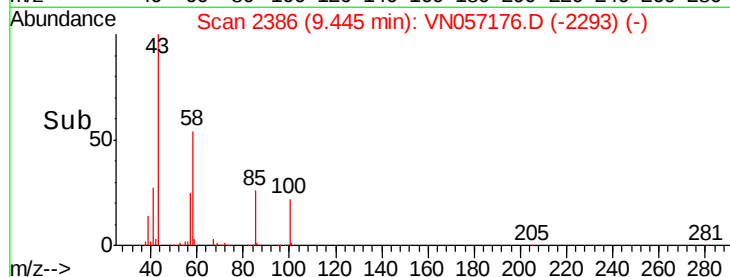
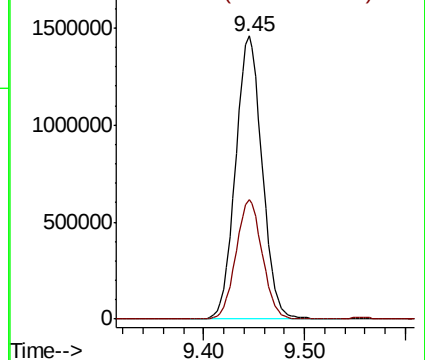
43 100

58 41.9 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 48.962 ug/l

RT: 9.63 min Scan# 2442

Delta R.T. 0.00 min

Lab File: VN057176.D

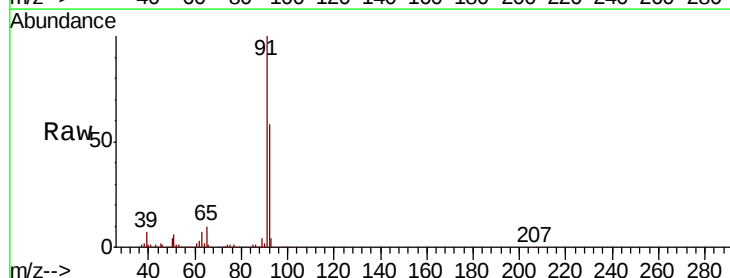
Acq: 11 Aug 2019 10:02

Tgt Ion: 92 Resp: 1372648

Ion Ratio Lower Upper

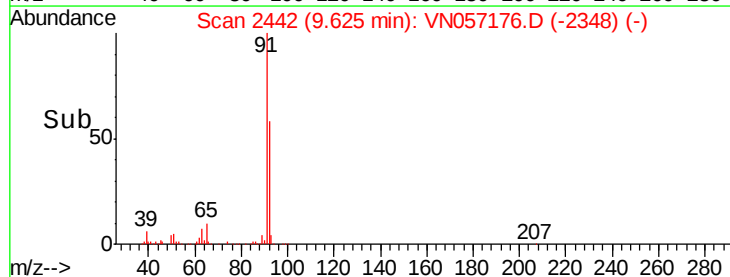
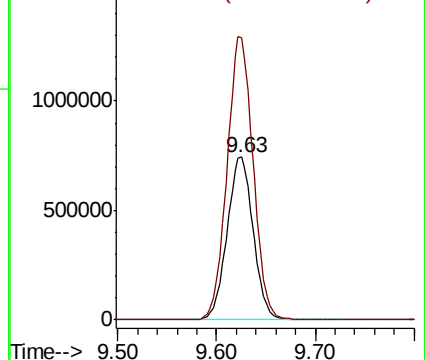
92 100

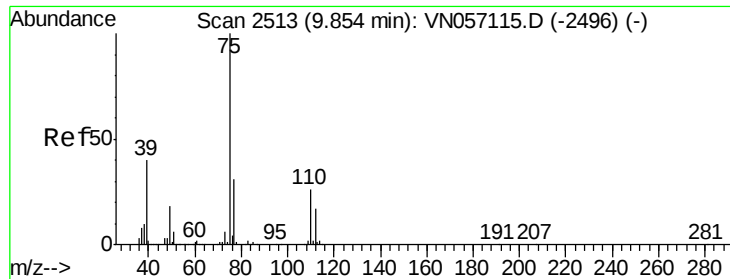
91 174.3 139.8 209.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 51.858 ug/l

RT: 9.85 min Scan# 2513

Delta R.T. 0.00 min

Lab File: VN057176.D

Acq: 11 Aug 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

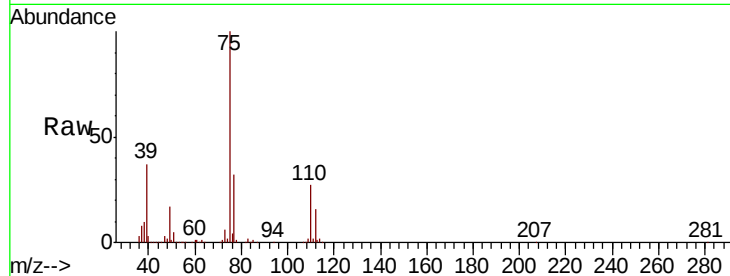
BFB63

Tgt Ion: 75 Resp: 786016

Ion Ratio Lower Upper

75 100

77 32.0 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

9.85

400000

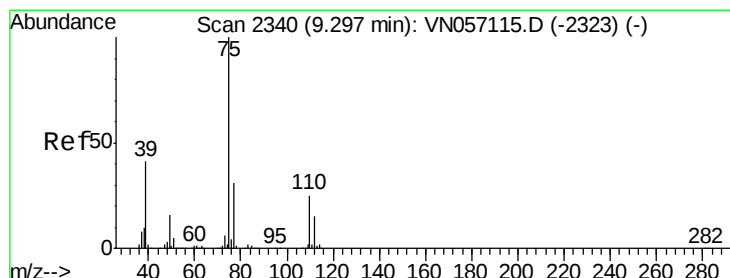
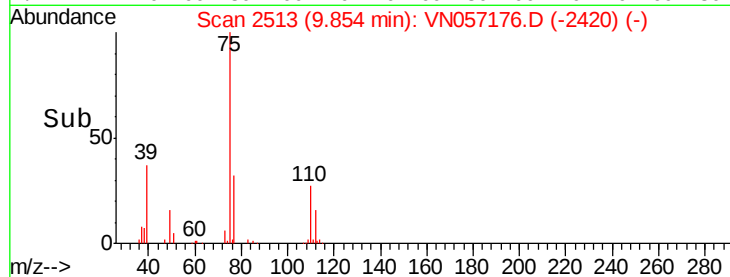
300000

200000

100000

0

Time--> 9.75 9.80 9.85 9.90 9.95



#54

cis-1,3-Dichloropropene

Concen: 51.620 ug/l

RT: 9.30 min Scan# 2340

Delta R.T. 0.00 min

Lab File: VN057176.D

Acq: 11 Aug 2019 10:02

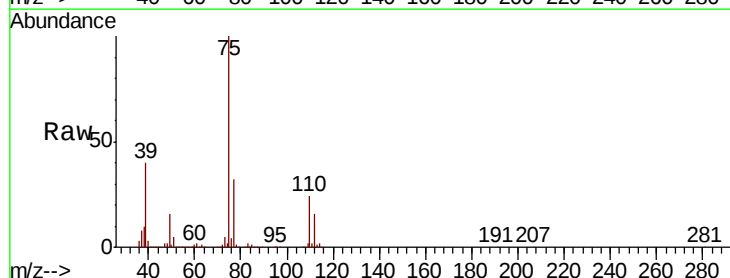
Tgt Ion: 75 Resp: 897799

Ion Ratio Lower Upper

75 100

77 31.7 25.1 37.7

39 39.8 32.5 48.7



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

600000

500000

400000

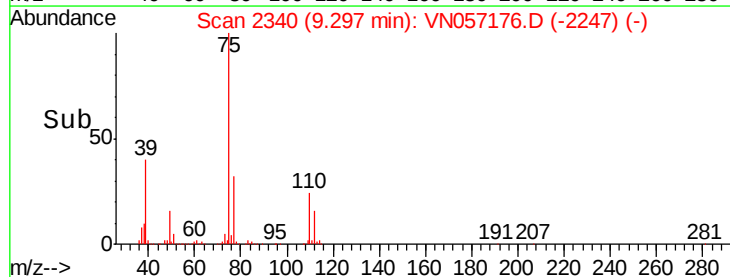
300000

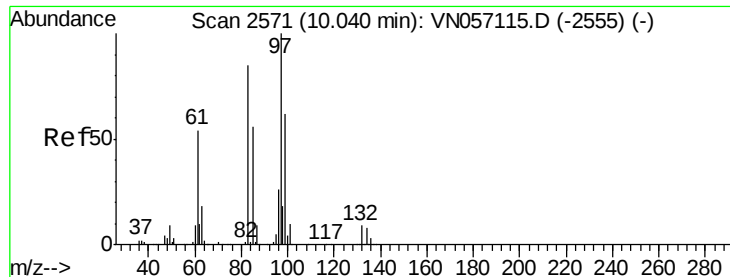
200000

100000

0

Time--> 9.20 9.30 9.40

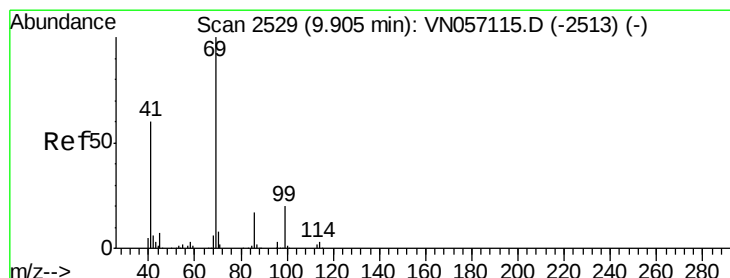
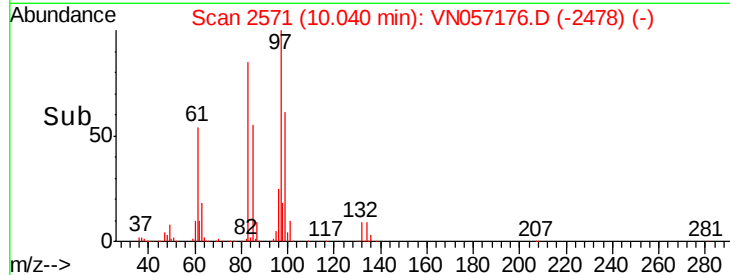
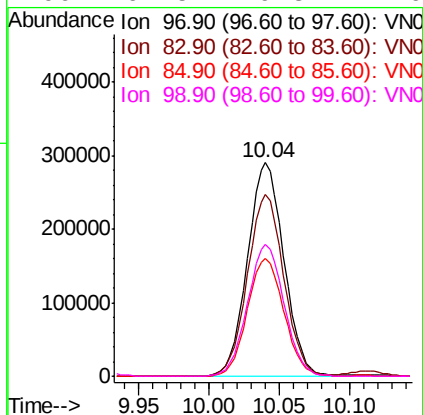
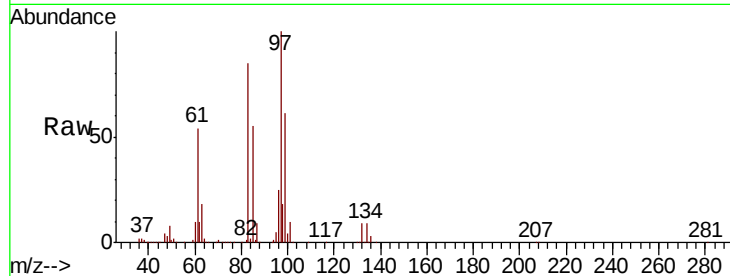




#55
 1,1,2-Trichloroethane
 Concen: 47.676 ug/l
 RT: 10.04 min Scan# 2571
 Delta R.T. 0.00 min
 Lab File: VN057176.D
 Acq: 11 Aug 2019 10:02

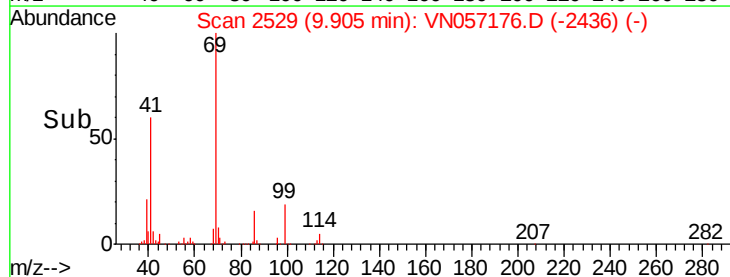
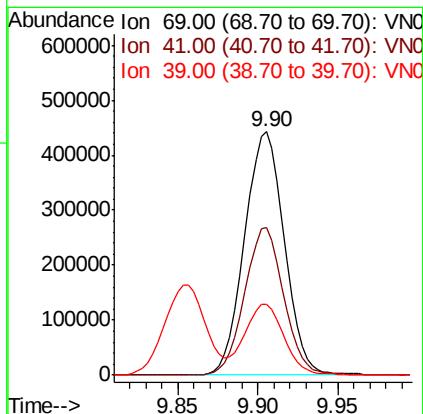
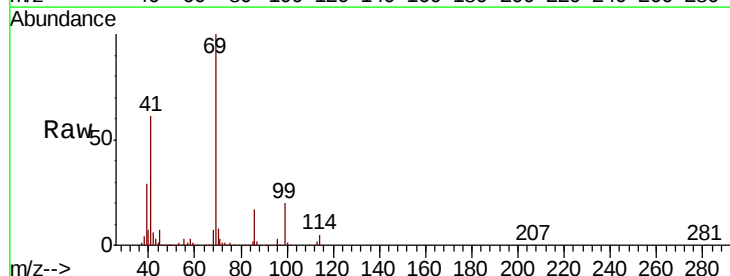
Instrument :
 MSVOA_N
 ClientSampled :
 BFB63

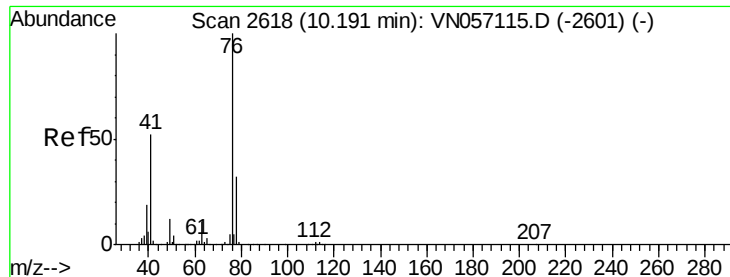
Tgt Ion:	97	Resp:	525600
Ion	Ratio	Lower	Upper
97	100		
83	85.1	67.8	101.8
85	55.0	44.4	66.6
99	61.5	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 48.756 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.00 min
 Lab File: VN057176.D
 Acq: 11 Aug 2019 10:02

Tgt Ion:	69	Resp:	752597
Ion	Ratio	Lower	Upper
69	100		
41	59.1	48.1	72.1
39	29.2	23.6	35.4





#57

1,3-Dichloropropane

Concen: 47.378 ug/l

RT: 10.19 min Scan# 2617

Delta R.T. -0.00 min

Lab File: VN057176.D

Acq: 11 Aug 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

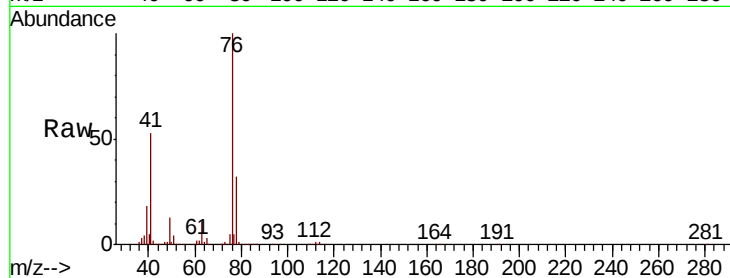
BFB63

Tgt Ion: 76 Resp: 861362

Ion Ratio Lower Upper

76 100

78 32.3 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.19

500000

400000

300000

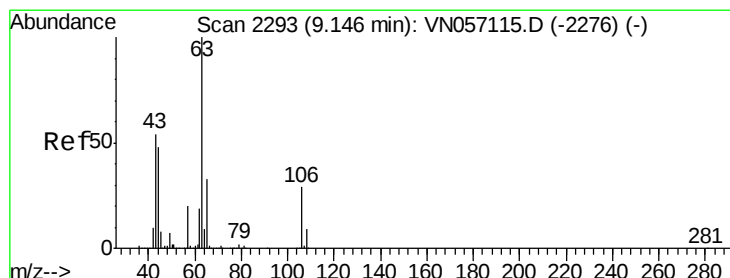
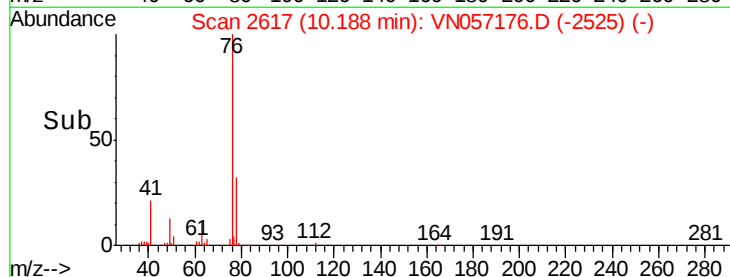
200000

100000

0

Time-->

10.10 10.20 10.30



#58

2-Chloroethyl Vinyl ether

Concen: 161.240 ug/l

RT: 9.15 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VN057176.D

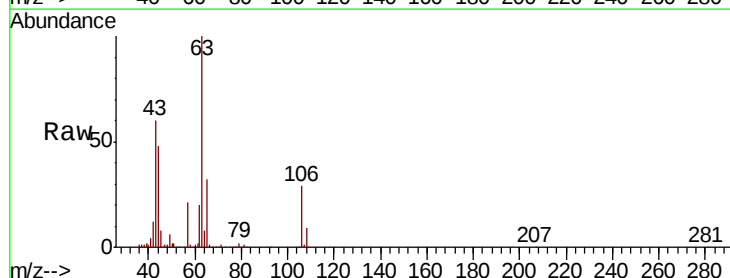
Acq: 11 Aug 2019 10:02

Tgt Ion: 63 Resp: 962186

Ion Ratio Lower Upper

63 100

106 28.9 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.15

600000

500000

400000

300000

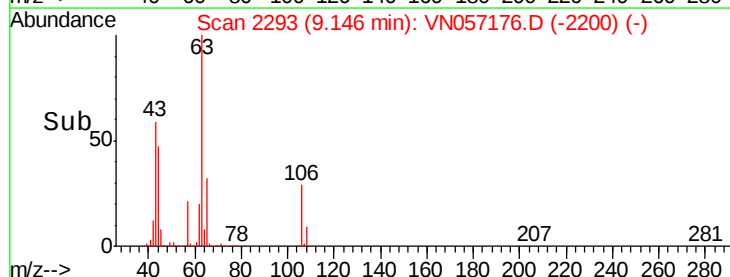
200000

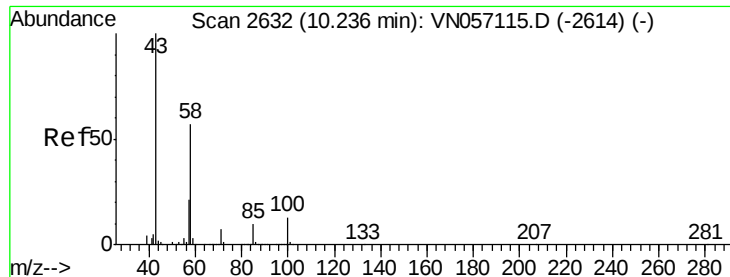
100000

0

Time-->

9.10 9.20

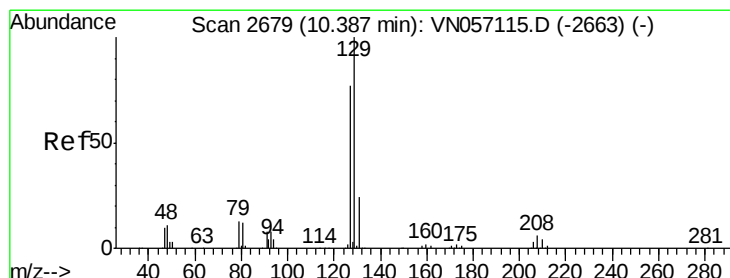
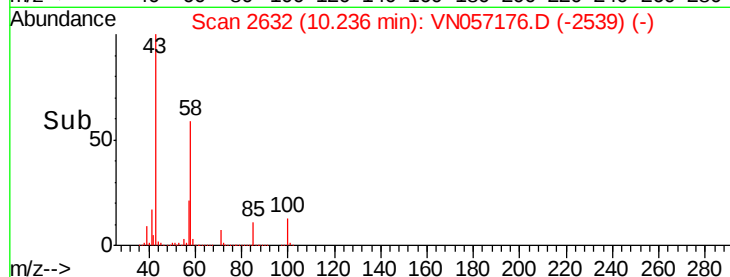
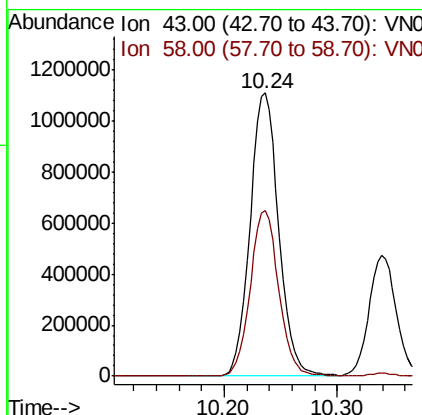
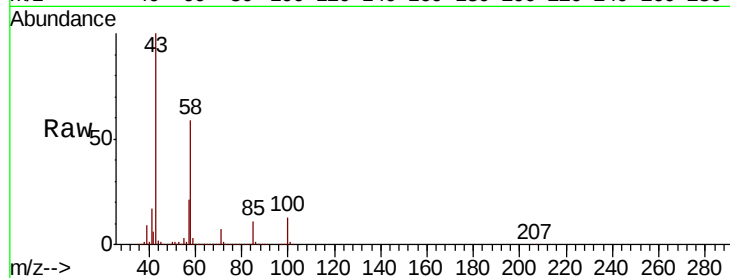




#59
2-Hexanone
Concen: 246.410 ug/l
RT: 10.24 min Scan# 2632
Delta R.T. 0.00 min
Lab File: VN057176.D
Acq: 11 Aug 2019 10:02

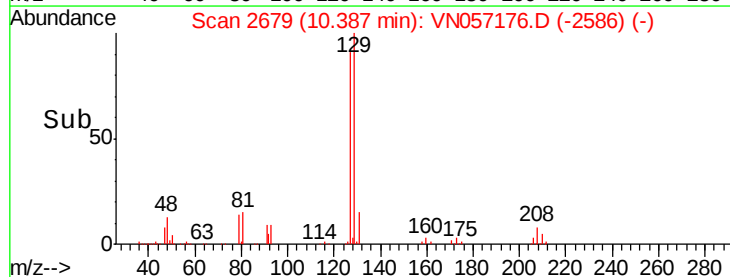
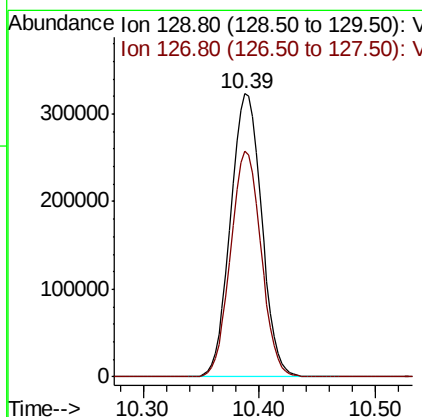
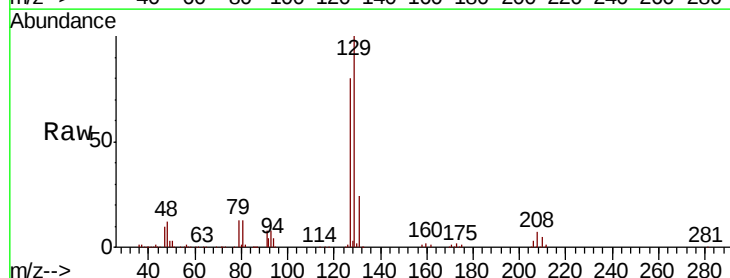
Instrument :
MSVOA_N
ClientSampleId :
BFB63

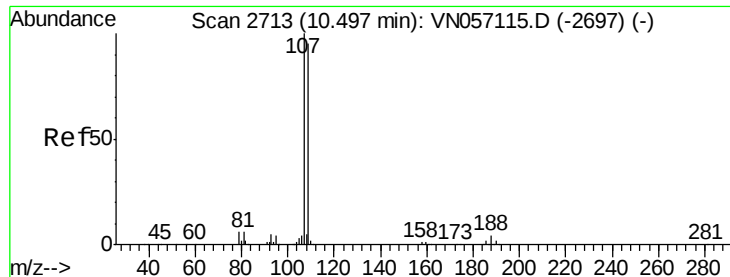
Tgt Ion: 43 Resp: 1947972
Ion Ratio Lower Upper
43 100
58 58.3 29.2 87.6



#60
Dibromochloromethane
Concen: 51.774 ug/l
RT: 10.39 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN057176.D
Acq: 11 Aug 2019 10:02

Tgt Ion: 129 Resp: 599460
Ion Ratio Lower Upper
129 100
127 78.1 38.6 116.0

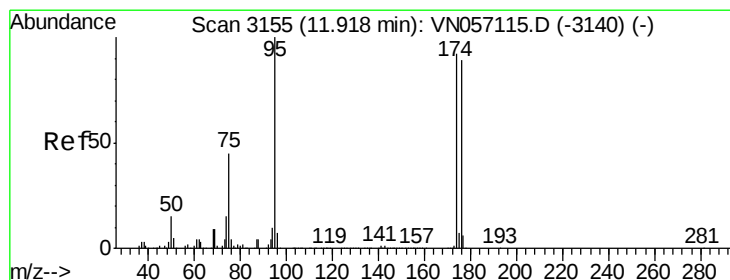
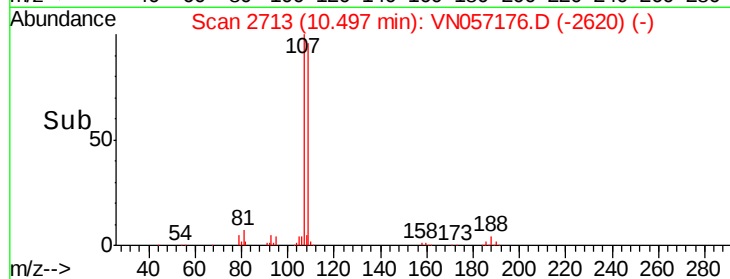
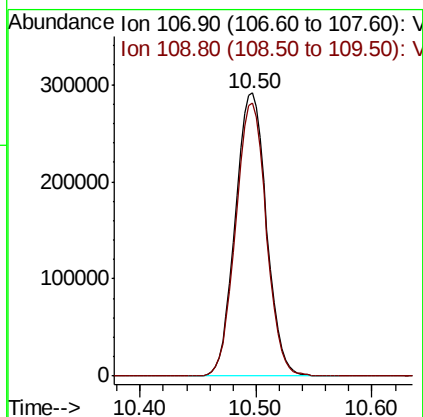
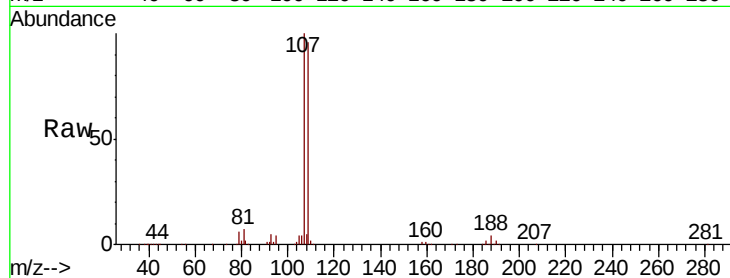




#61
 1,2-Dibromoethane
 Concen: 47.769 ug/l
 RT: 10.50 min Scan# 2713
 Delta R.T. 0.00 min
 Lab File: VN057176.D
 Acq: 11 Aug 2019 10:02

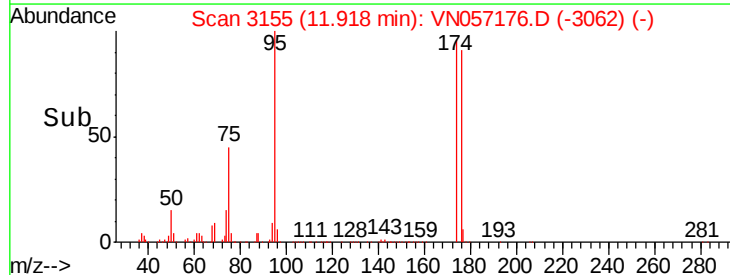
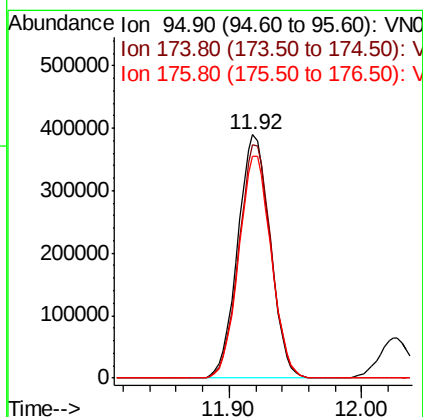
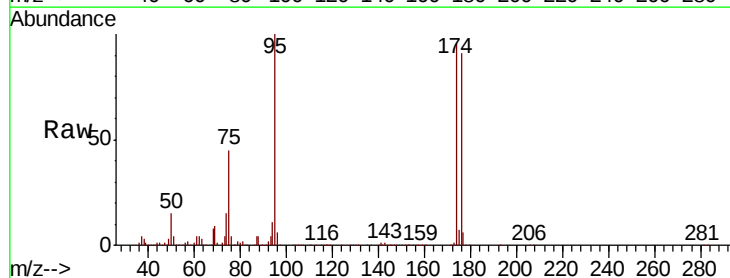
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB63

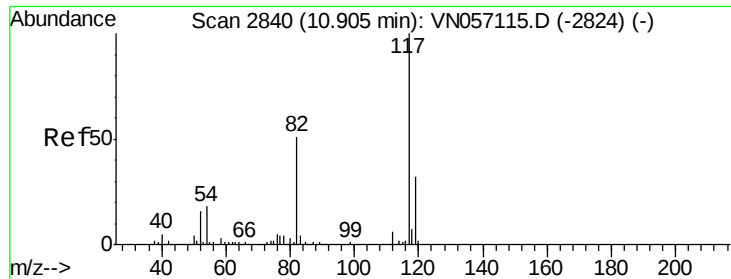
Tgt Ion: 107 Resp: 543429
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 49.165 ug/l
 RT: 11.92 min Scan# 3155
 Delta R.T. 0.00 min
 Lab File: VN057176.D
 Acq: 11 Aug 2019 10:02

Tgt Ion: 95 Resp: 659006
 Ion Ratio Lower Upper
 95 100
 174 95.8 0.0 185.0
 176 91.6 0.0 181.2

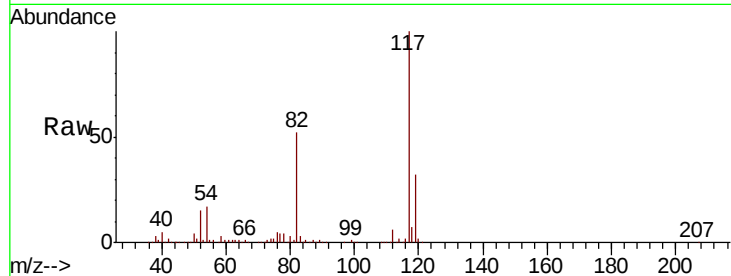




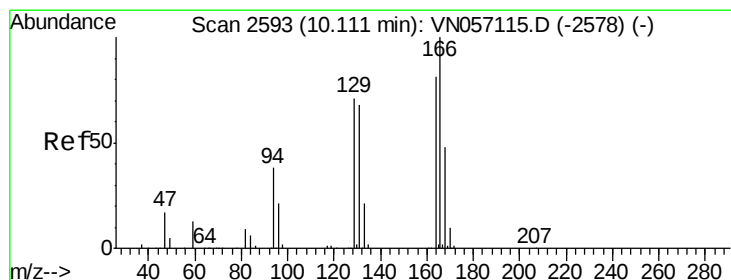
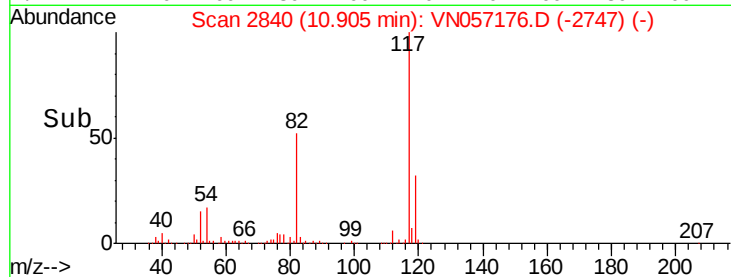
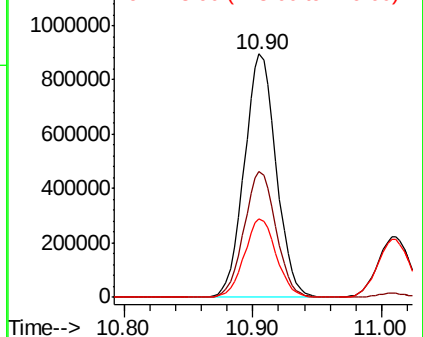
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN057176.D
Acq: 11 Aug 2019 10:02

Instrument :
MSVOA_N
ClientSampled :
BFB63

Tgt Ion:117 Resp: 1539134
Ion Ratio Lower Upper
117 100
82 51.5 40.8 61.2
119 32.3 25.7 38.5

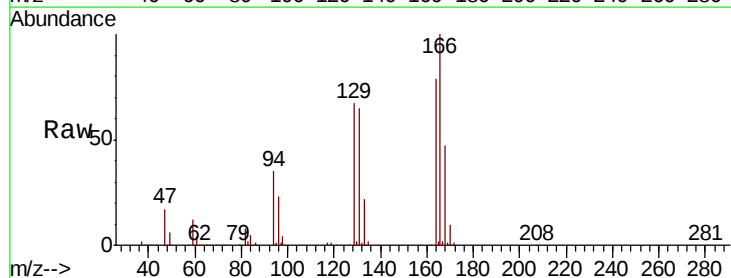


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

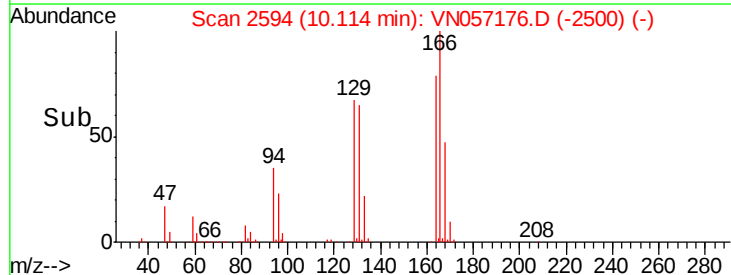
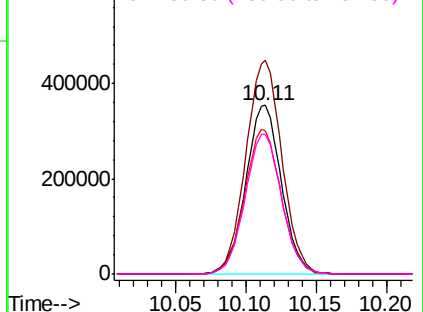


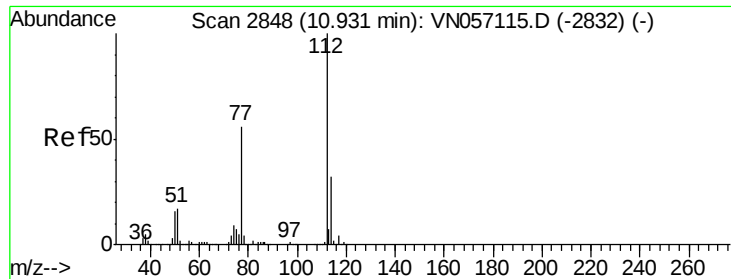
#64
Tetrachloroethene
Concen: 48.878 ug/l
RT: 10.11 min Scan# 2594
Delta R.T. 0.00 min
Lab File: VN057176.D
Acq: 11 Aug 2019 10:02

Tgt Ion:164 Resp: 625647
Ion Ratio Lower Upper
164 100
166 126.8 98.3 147.5
129 84.7 69.8 104.6
131 82.7 66.8 100.2



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

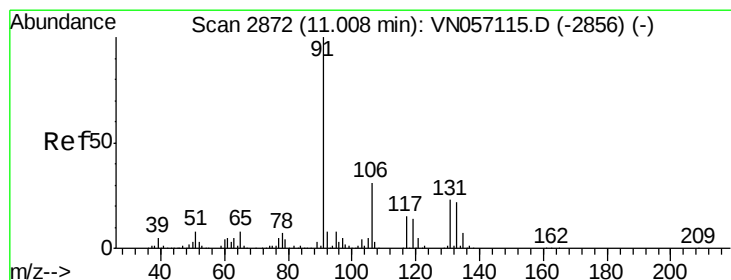
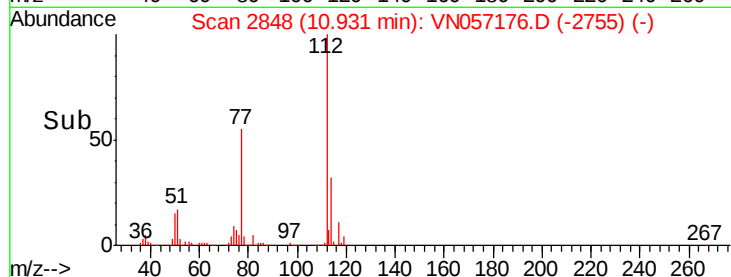
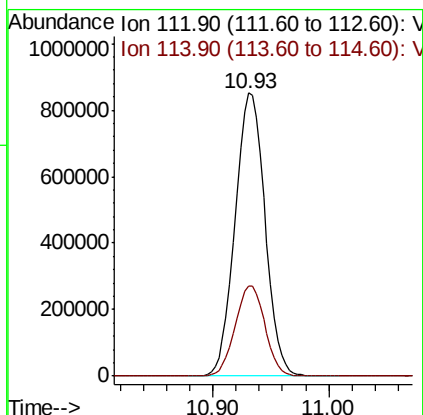
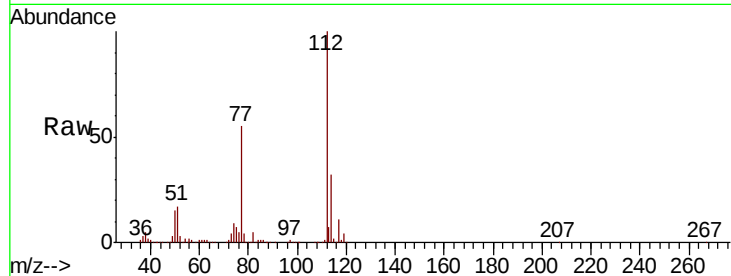




#65
Chlorobenzene
Concen: 49.012 ug/l
RT: 10.93 min Scan# 2848
Delta R.T. 0.00 min
Lab File: VN057176.D
Acq: 11 Aug 2019 10:02

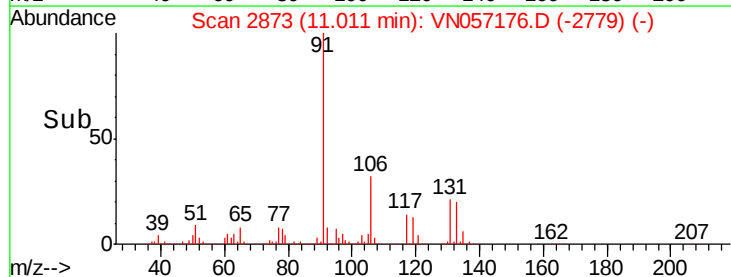
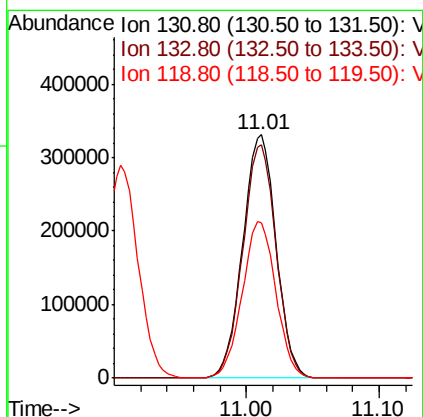
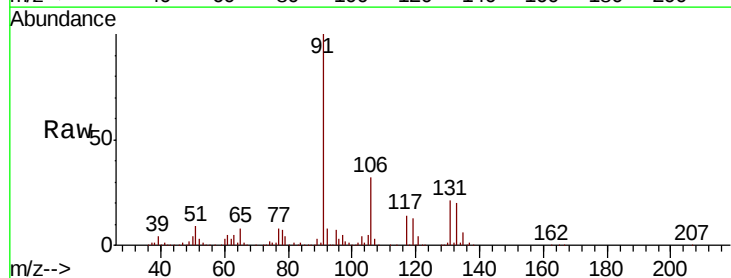
Instrument :
MSVOA_N
ClientSampleId :
BFB63

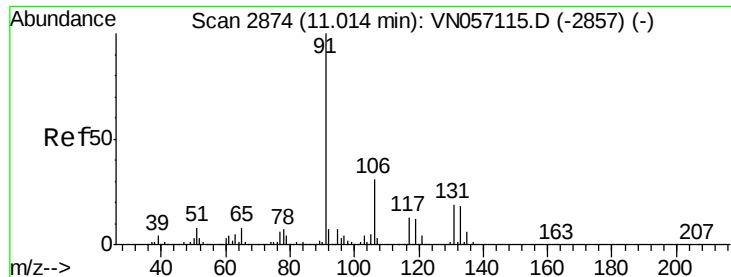
Tgt Ion:112 Resp: 1517840
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.950 ug/l
RT: 11.01 min Scan# 2873
Delta R.T. 0.00 min
Lab File: VN057176.D
Acq: 11 Aug 2019 10:02

Tgt Ion:131 Resp: 578315
Ion Ratio Lower Upper
131 100
133 95.7 47.6 142.8
119 64.8 32.6 97.7

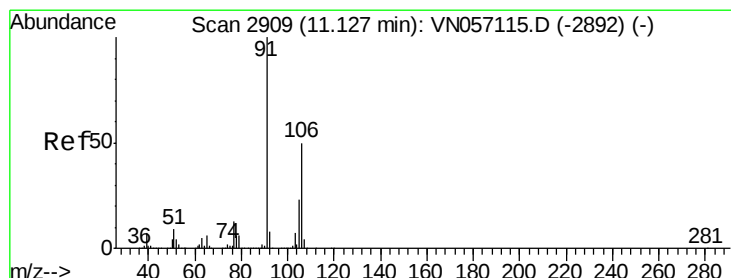
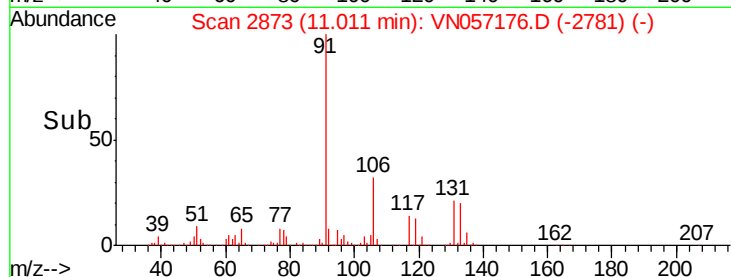
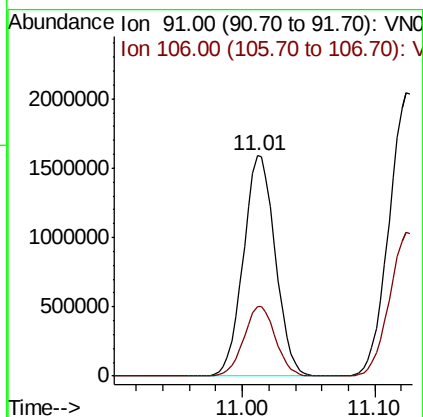
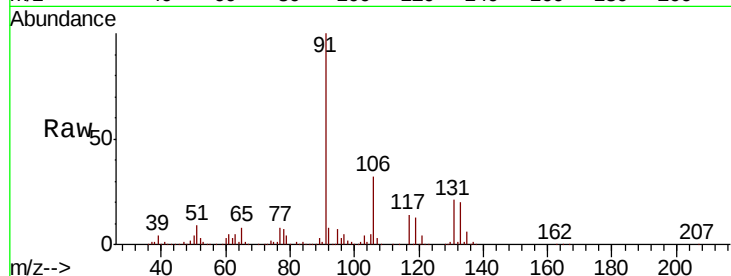




#67
Ethyl Benzene
Concen: 49.855 ug/l
RT: 11.01 min Scan# 2873
Delta R.T. -0.00 min
Lab File: VN057176.D
Acq: 11 Aug 2019 10:02

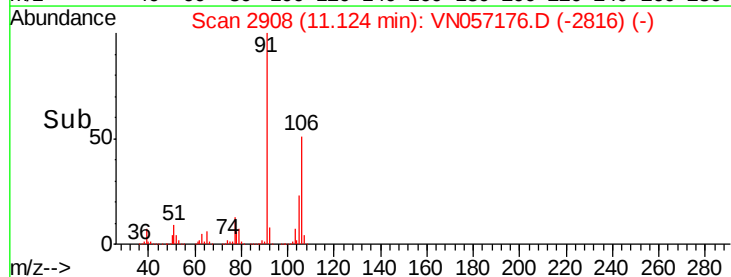
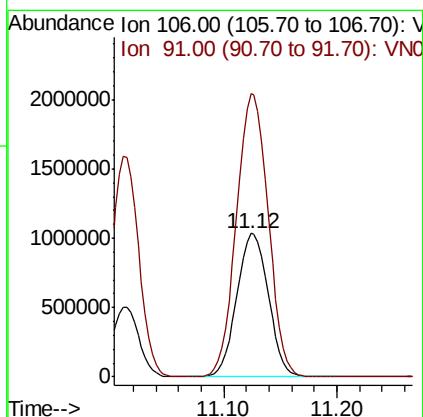
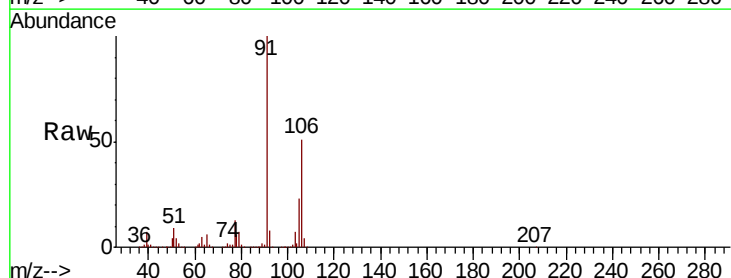
Instrument :
MSVOA_N
ClientSampled :
BFB63

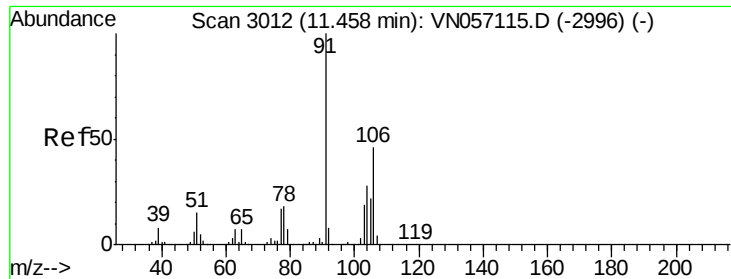
Tgt Ion: 91 Resp: 2657262
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.4



#68
m/p-Xylenes
Concen: 102.616 ug/l
RT: 11.12 min Scan# 2908
Delta R.T. -0.00 min
Lab File: VN057176.D
Acq: 11 Aug 2019 10:02

Tgt Ion: 106 Resp: 2014959
Ion Ratio Lower Upper
106 100
91 198.6 159.8 239.8

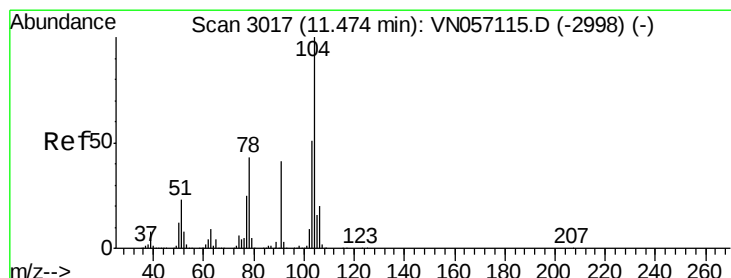
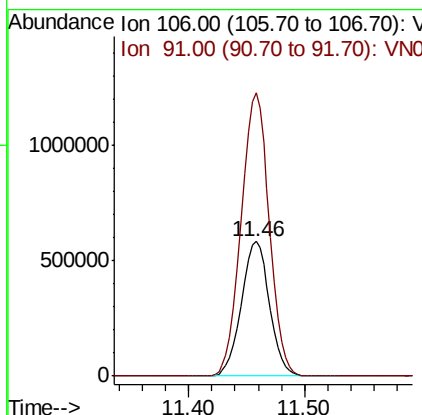
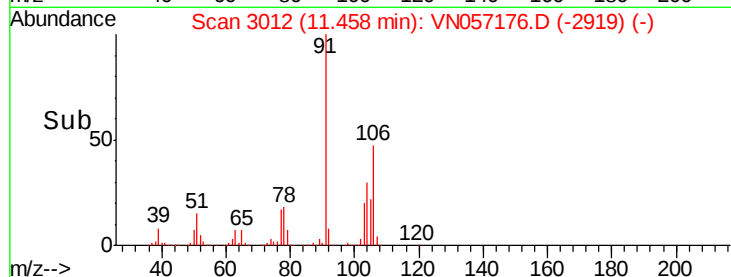
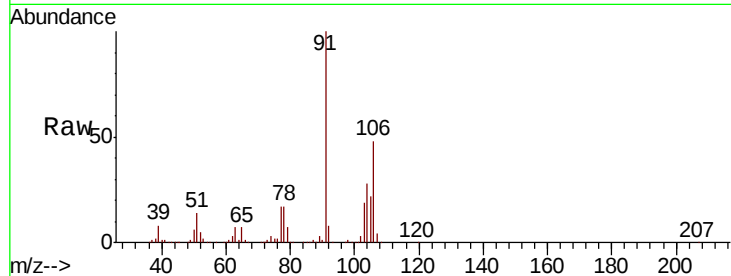




#69
o-Xylene
Concen: 50.057 ug/l
RT: 11.46 min Scan# 3012
Delta R.T. 0.00 min
Lab File: VN057176.D
Acq: 11 Aug 2019 10:02

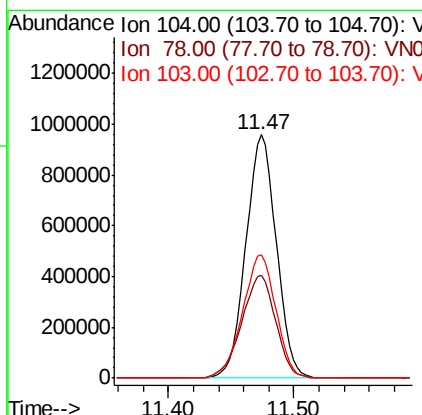
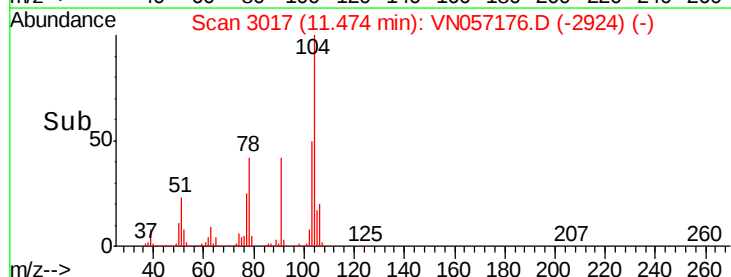
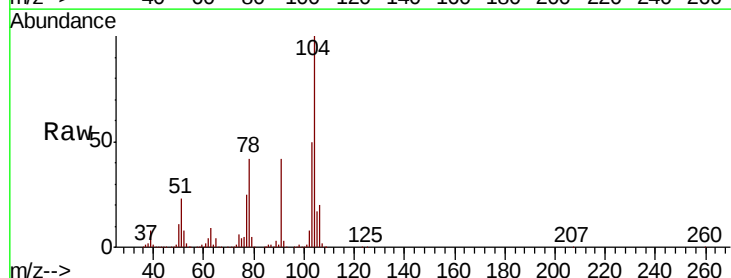
Instrument :
MSVOA_N
ClientSampled :
BFB63

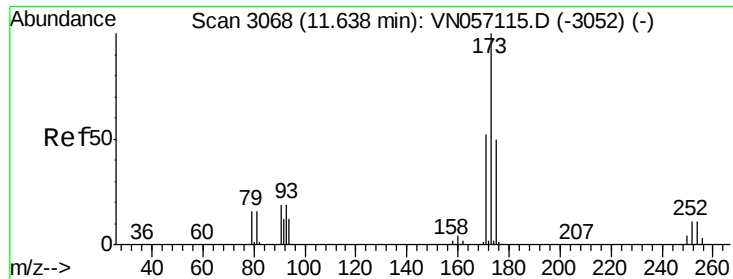
Tgt Ion:106 Resp: 978237
Ion Ratio Lower Upper
106 100
91 210.1 106.8 320.5



#70
Styrene
Concen: 53.147 ug/l
RT: 11.47 min Scan# 3017
Delta R.T. 0.00 min
Lab File: VN057176.D
Acq: 11 Aug 2019 10:02

Tgt Ion:104 Resp: 1622281
Ion Ratio Lower Upper
104 100
78 47.2 38.5 57.7
103 55.3 44.6 66.8





#71

Bromoform

Concen: 51.984 ug/l

RT: 11.64 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VN057176.D

Acq: 11 Aug 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

BFB63

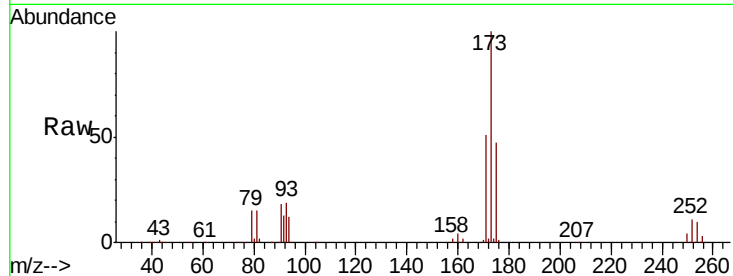
Tgt Ion:173 Resp: 440881

Ion Ratio Lower Upper

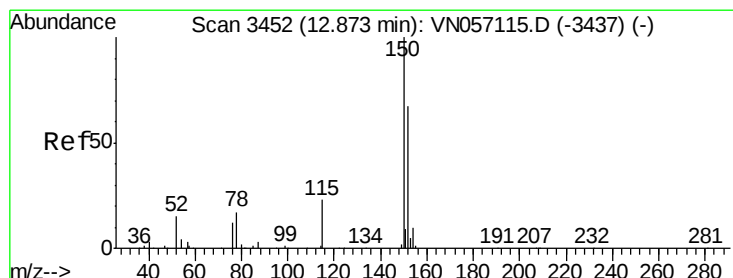
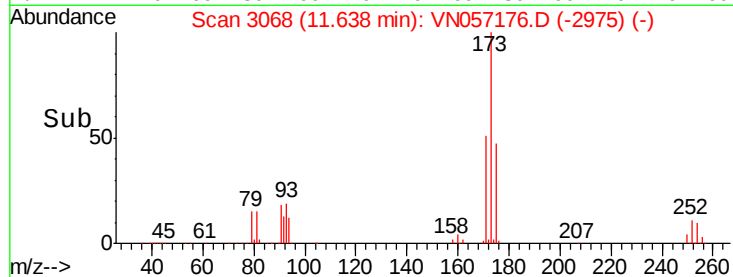
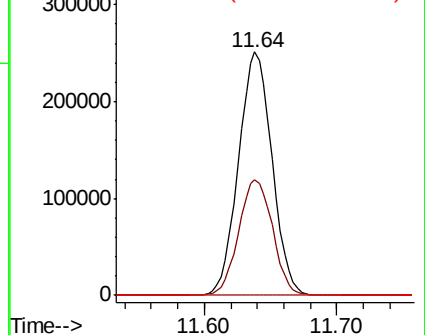
173 100

175 48.0 24.6 73.8

254 0.1 0.1 0.1



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.87 min Scan# 3452

Delta R.T. 0.00 min

Lab File: VN057176.D

Acq: 11 Aug 2019 10:02

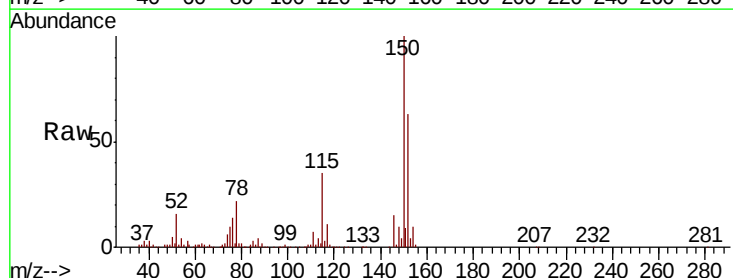
Tgt Ion:152 Resp: 646638

Ion Ratio Lower Upper

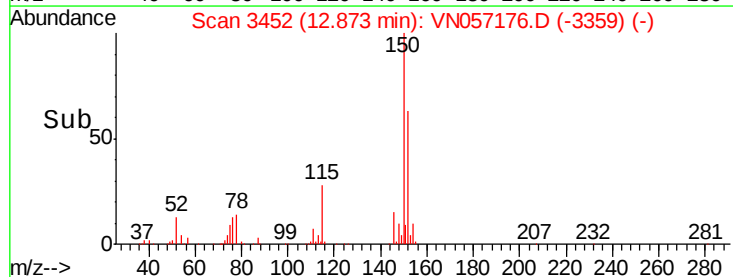
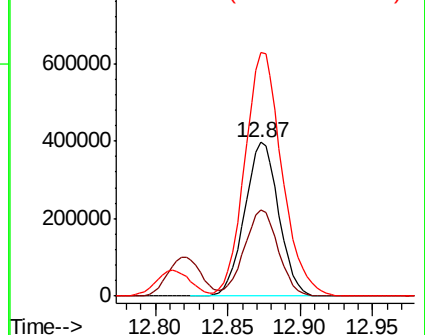
152 100

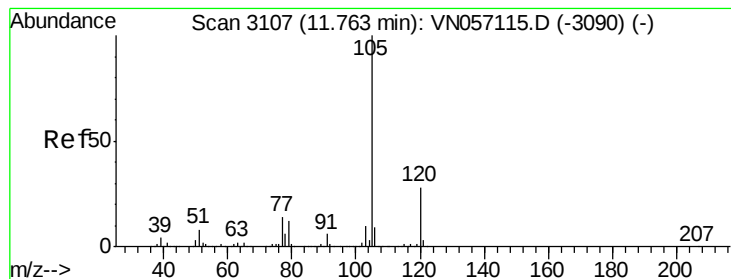
115 55.8 27.5 82.5

150 173.7 0.0 341.6



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





#73

Isopropylbenzene

Concen: 50.166 ug/l

RT: 11.76 min Scan# 3107

Delta R.T. 0.00 min

Lab File: VN057176.D

Acq: 11 Aug 2019 10:02

Instrument :

MSVOA_N

ClientSampled :

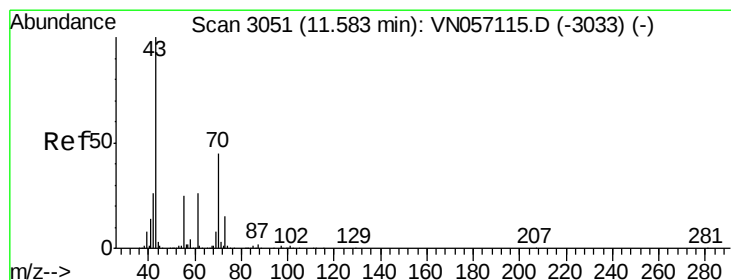
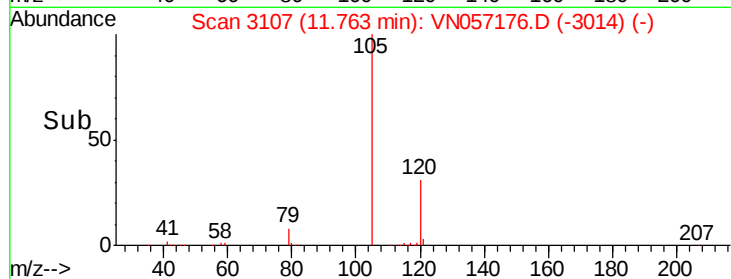
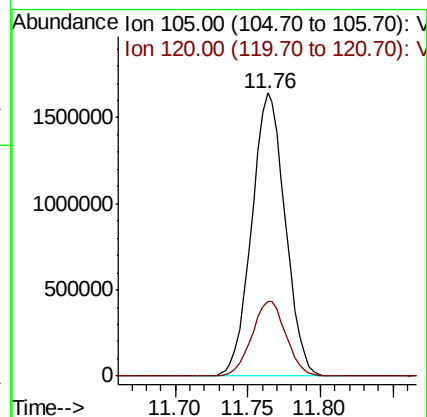
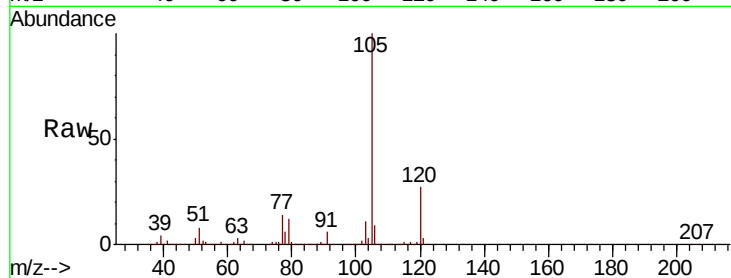
BFB63

Tgt Ion:105 Resp: 2641669

Ion Ratio Lower Upper

105 100

120 26.9 13.7 41.0



#74

N-ethyl acetate

Concen: 44.218 ug/l

RT: 11.58 min Scan# 3051

Delta R.T. 0.00 min

Lab File: VN057176.D

Acq: 11 Aug 2019 10:02

Tgt Ion: 43 Resp: 724574

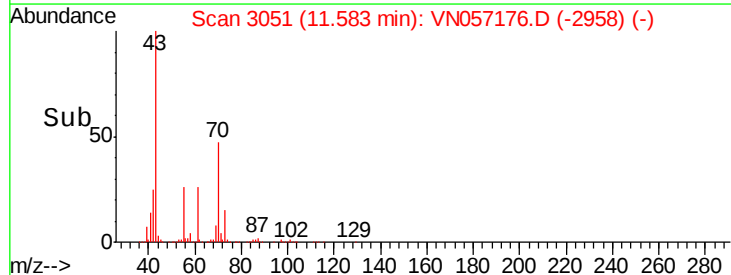
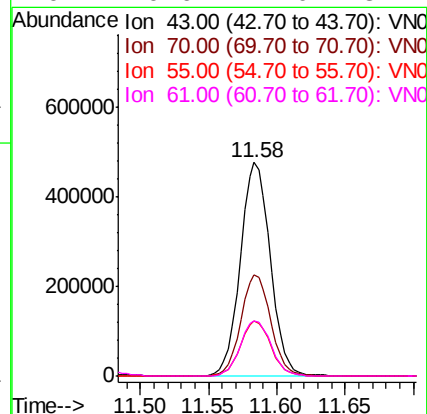
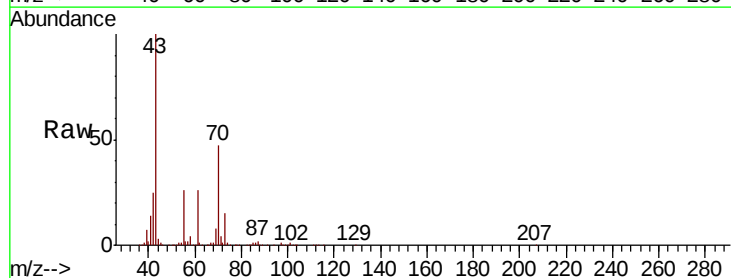
Ion Ratio Lower Upper

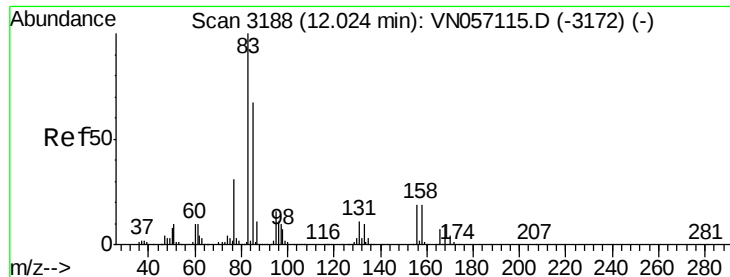
43 100

70 47.1 36.8 55.2

55 26.2 20.6 31.0

61 26.6 21.0 31.4





#75

1,1,2,2-Tetrachloroethane

Concen: 49.106 ug/l

RT: 12.02 min Scan# 3188

Delta R.T. 0.00 min

Lab File: VN057176.D

Acq: 11 Aug 2019 10:02

Instrument :

MSVOA_N

ClientSampled :

BFB63

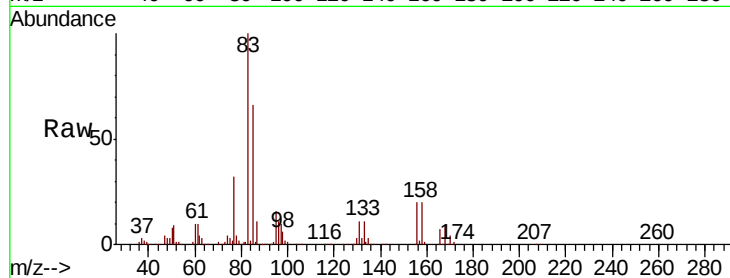
Tgt Ion: 83 Resp: 693524

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

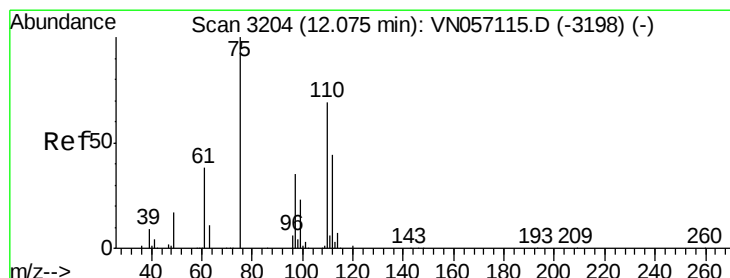
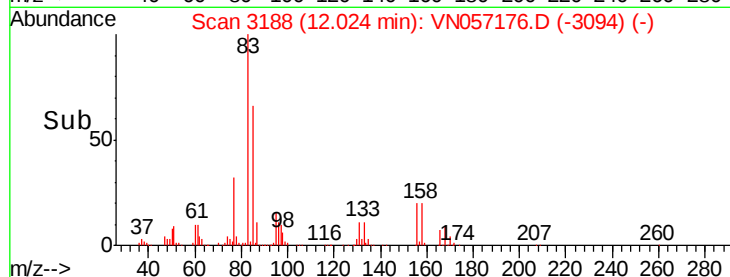
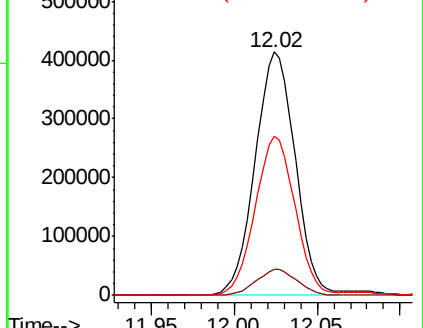
85 65.2 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 67.398 ug/l

RT: 12.08 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN057176.D

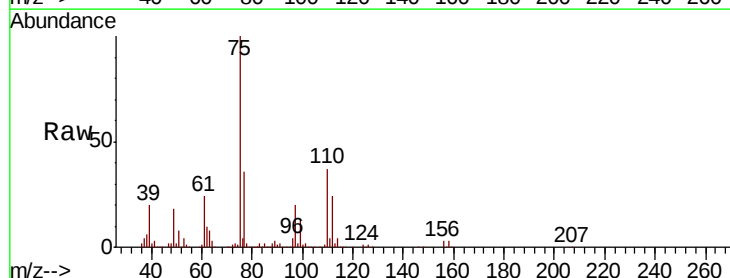
Acq: 11 Aug 2019 10:02

Tgt Ion: 75 Resp: 837572

Ion Ratio Lower Upper

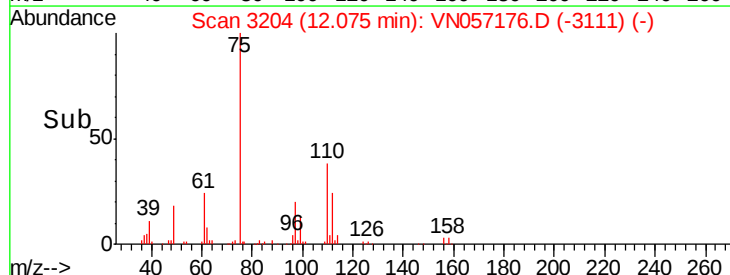
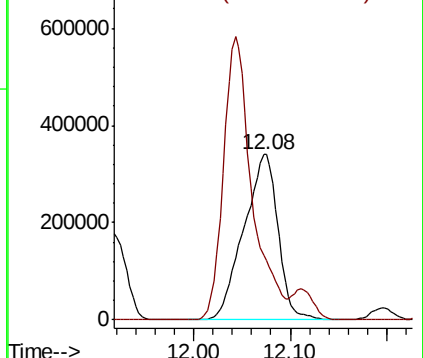
75 100

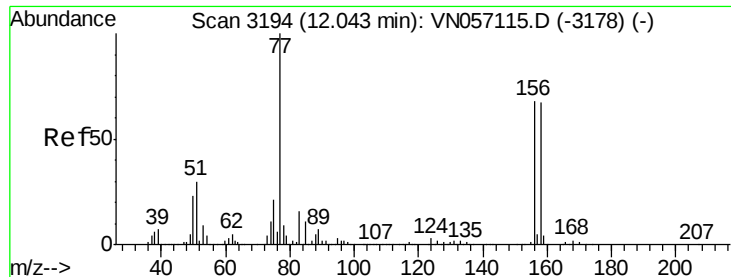
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 44.075 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. 0.00 min

Lab File: VN057176.D

Acq: 11 Aug 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

BFB63

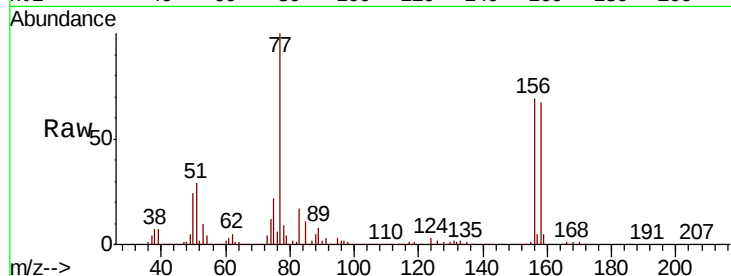
Tgt Ion:156 Resp: 685042

Ion Ratio Lower Upper

156 100

77 174.8 88.7 266.1

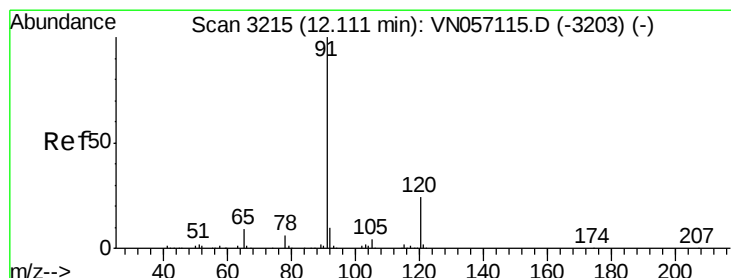
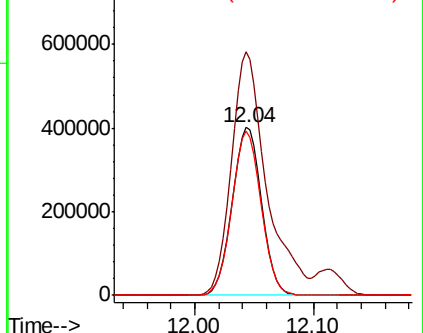
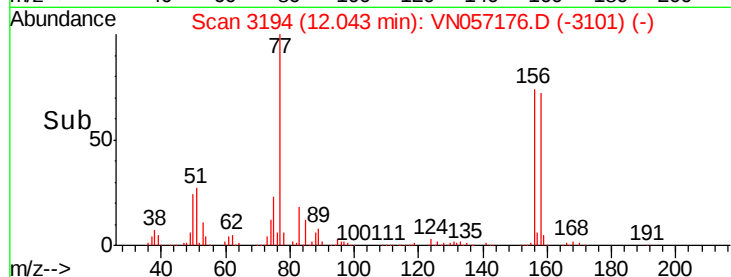
158 97.3 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.485 ug/l

RT: 12.11 min Scan# 3215

Delta R.T. 0.00 min

Lab File: VN057176.D

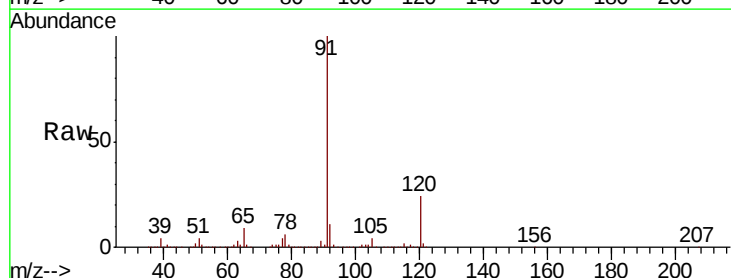
Acq: 11 Aug 2019 10:02

Tgt Ion: 91 Resp: 2821673

Ion Ratio Lower Upper

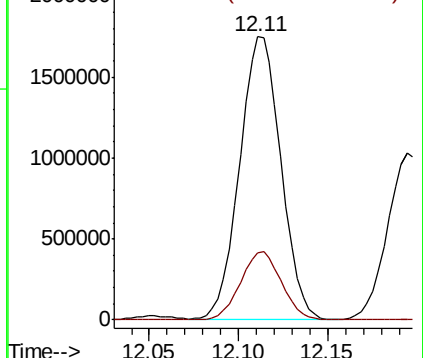
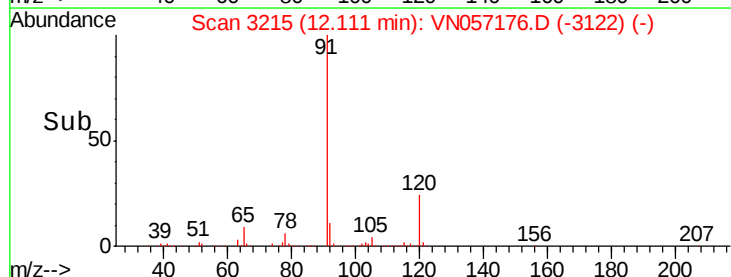
91 100

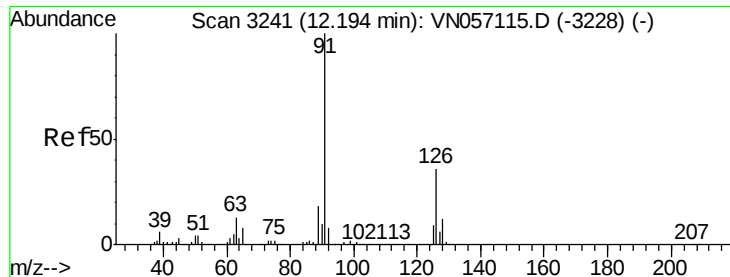
120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.555 ug/l

RT: 12.19 min Scan# 3241

Delta R.T. 0.00 min

Lab File: VN057176.D

Acq: 11 Aug 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

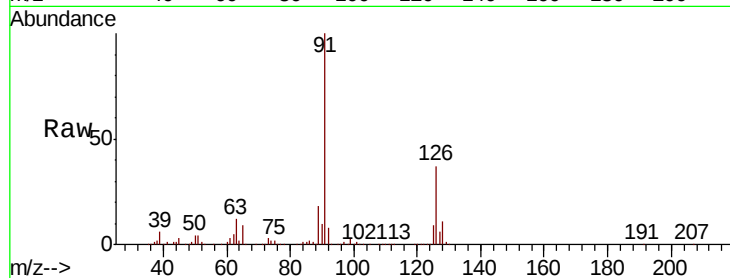
BFB63

Tgt Ion: 91 Resp: 1713433

Ion Ratio Lower Upper

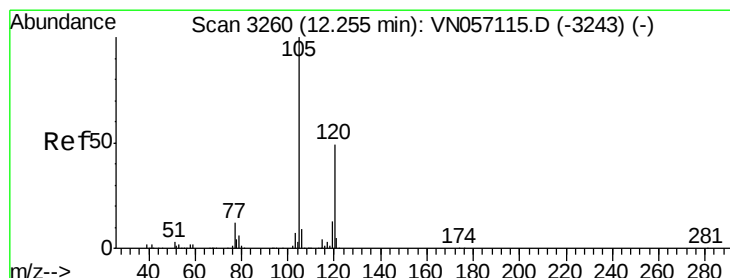
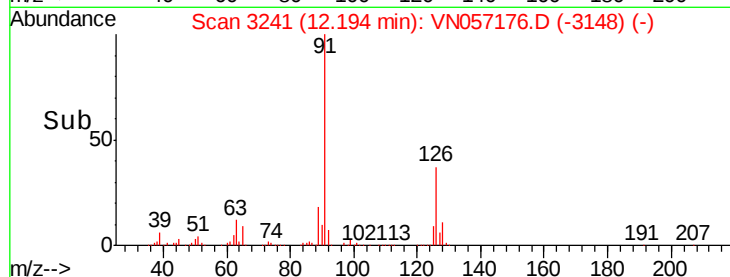
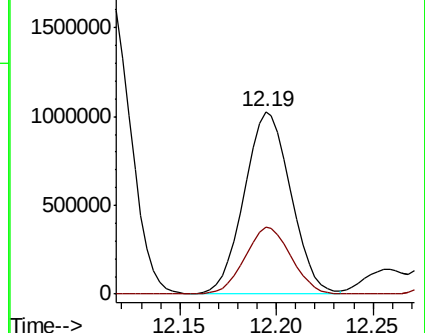
91 100

126 36.5 18.1 54.3



Abundance Ion 91.00 (90.70 to 91.70): VN057115.D (-3228) (-)

Ion 125.90 (125.60 to 126.60): VN057115.D (-3228) (-)



#80

1,3,5-Trimethylbenzene

Concen: 44.592 ug/l

RT: 12.26 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN057176.D

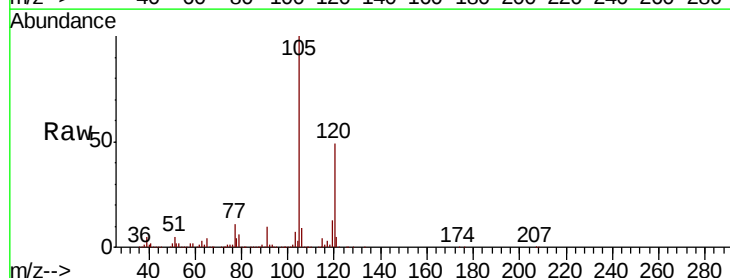
Acq: 11 Aug 2019 10:02

Tgt Ion: 105 Resp: 2226131

Ion Ratio Lower Upper

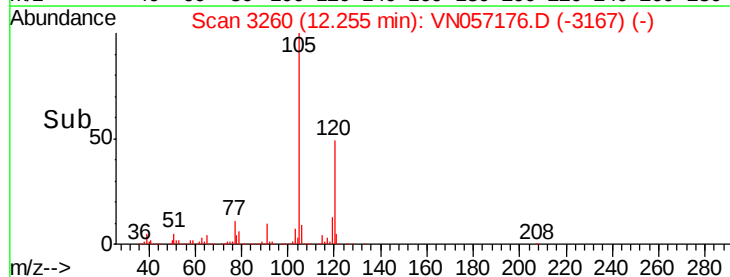
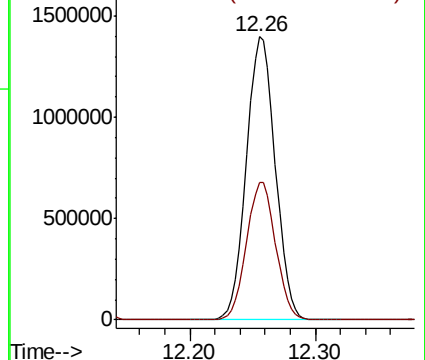
105 100

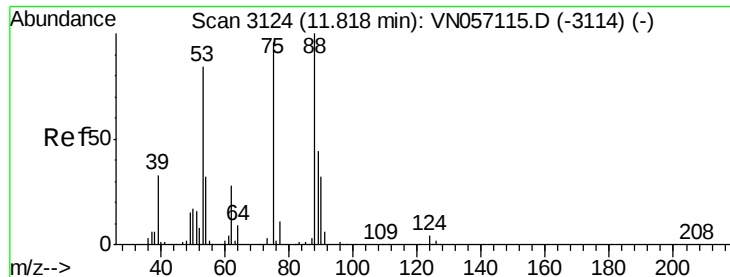
120 49.0 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN057115.D (-3243) (-)

Ion 120.00 (119.70 to 120.70): VN057115.D (-3243) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 47.613 ug/l

RT: 11.82 min Scan# 3124

Delta R.T. 0.00 min

Lab File: VN057176.D

Acq: 11 Aug 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

BFB63

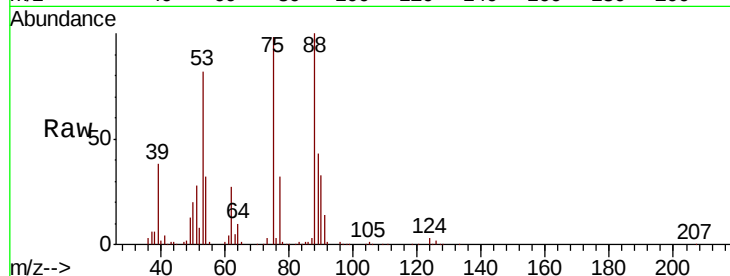
Tgt Ion: 75 Resp: 209393

Ion Ratio Lower Upper

75 100

53 84.4 70.6 106.0

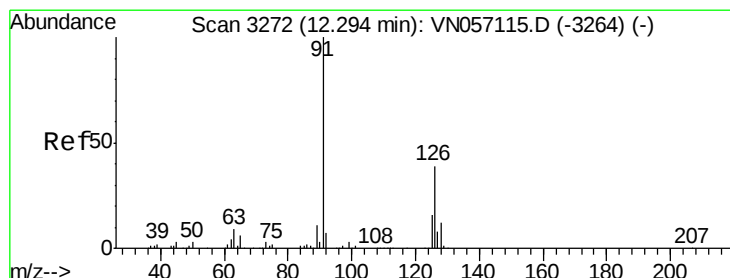
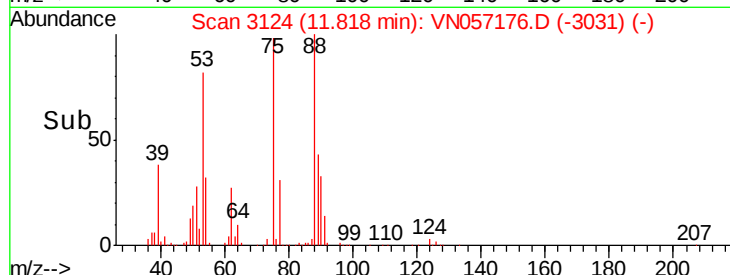
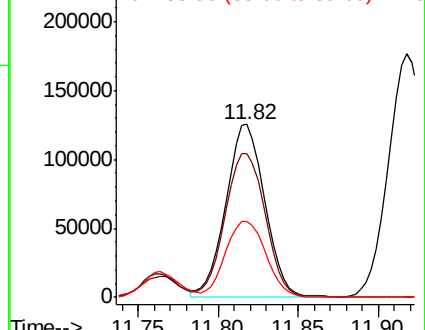
89 45.7 36.4 54.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 46.049 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN057176.D

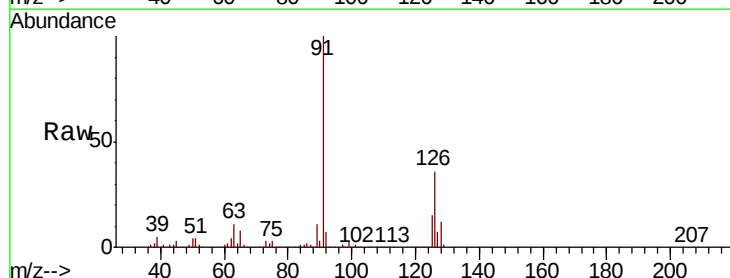
Acq: 11 Aug 2019 10:02

Tgt Ion: 91 Resp: 1654064

Ion Ratio Lower Upper

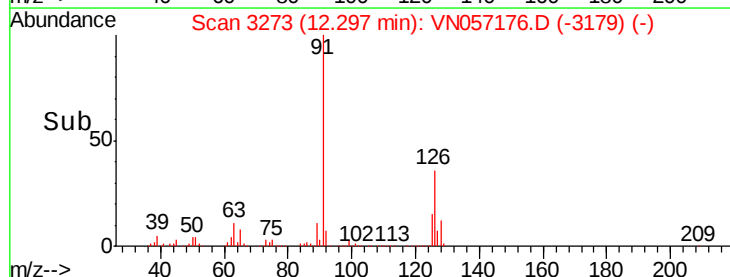
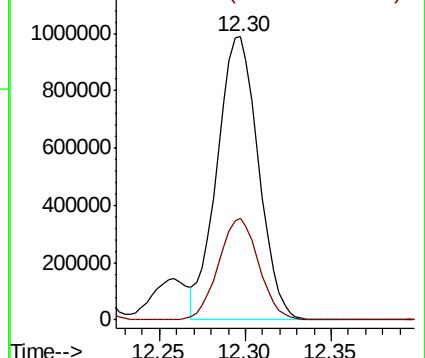
91 100

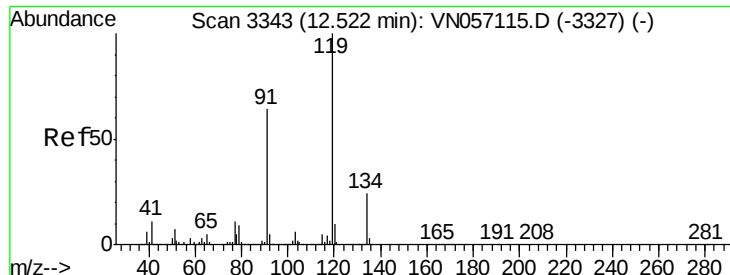
126 35.0 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

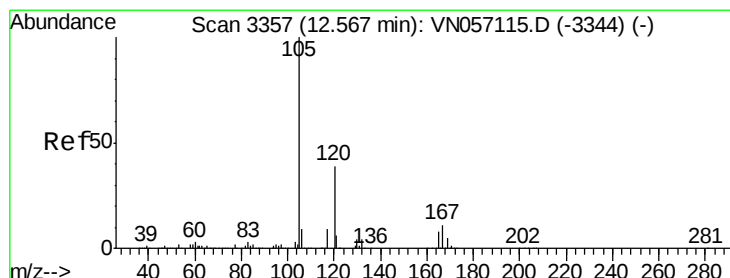
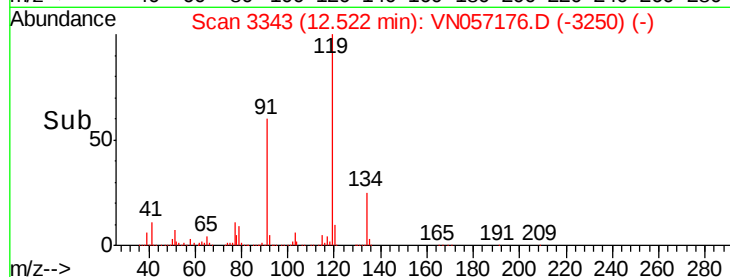
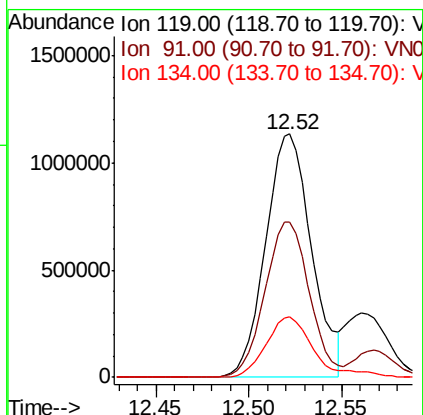
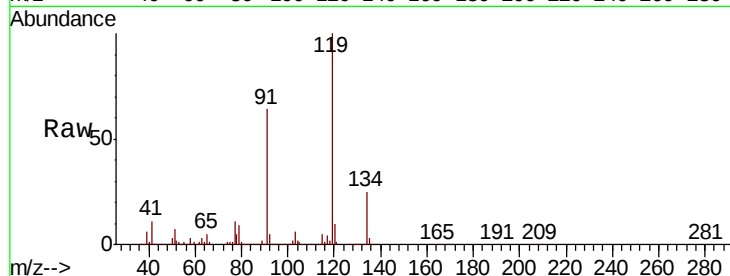




#83
 tert-Butylbenzene
 Concen: 49.898 ug/l
 RT: 12.52 min Scan# 3343
 Delta R.T. 0.00 min
 Lab File: VN057176.D
 Acq: 11 Aug 2019 10:02

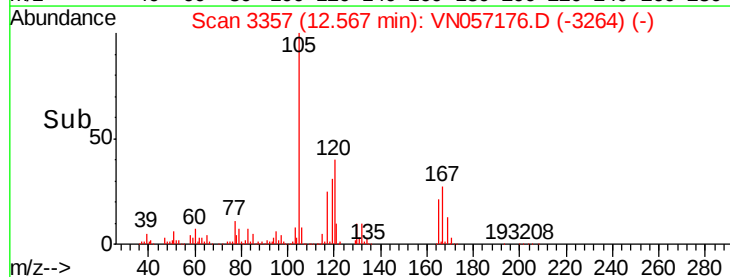
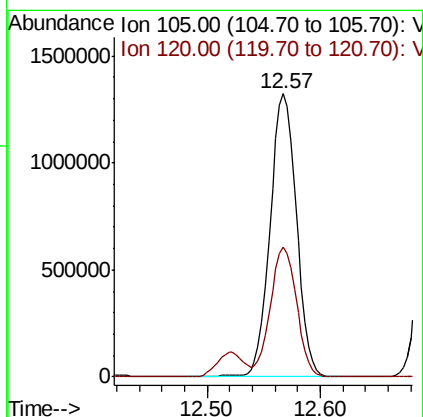
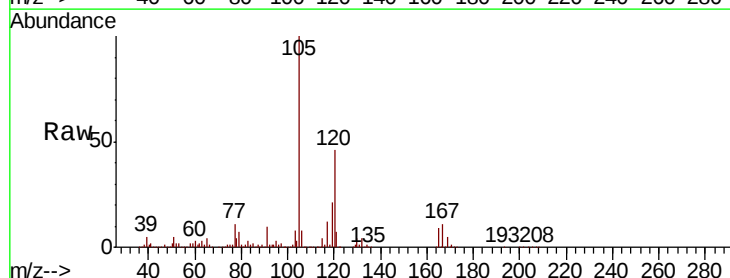
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB63

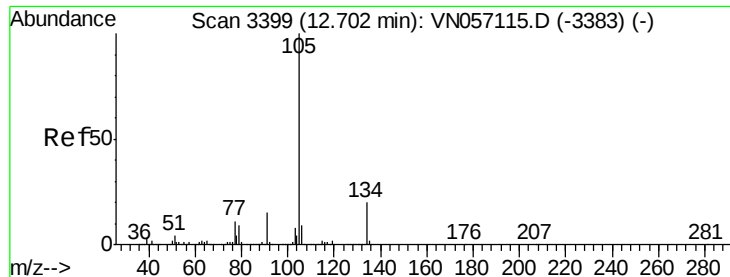
Tgt Ion:119 Resp: 1963854
 Ion Ratio Lower Upper
 119 100
 91 62.1 31.4 94.2
 134 25.8 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 44.202 ug/l
 RT: 12.57 min Scan# 3357
 Delta R.T. 0.00 min
 Lab File: VN057176.D
 Acq: 11 Aug 2019 10:02

Tgt Ion:105 Resp: 2132913
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.3 69.8

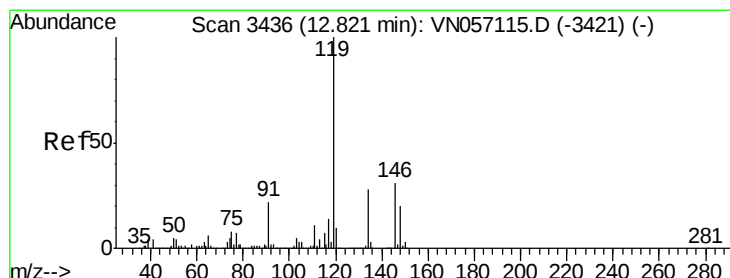
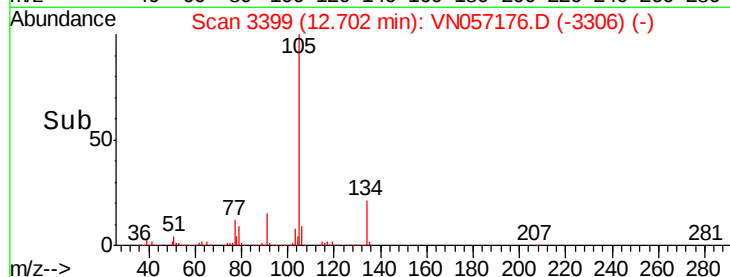
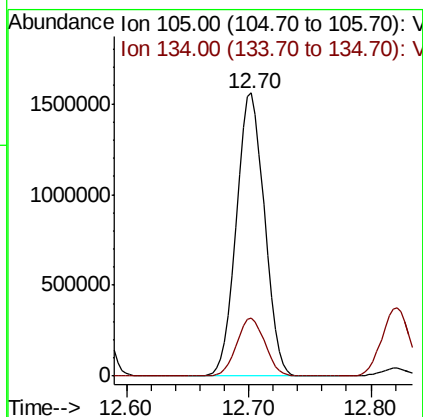
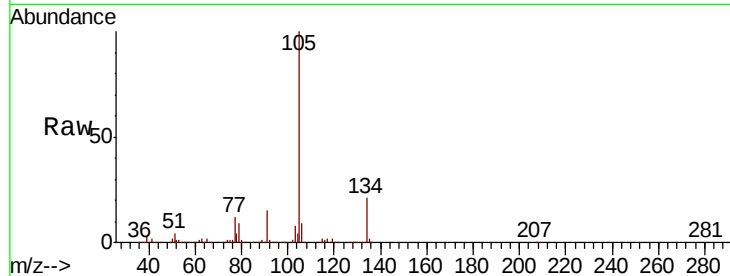




#85
 sec-Butylbenzene
 Concen: 44.037 ug/l
 RT: 12.70 min Scan# 3399
 Delta R.T. 0.00 min
 Lab File: VN057176.D
 Acq: 11 Aug 2019 10:02

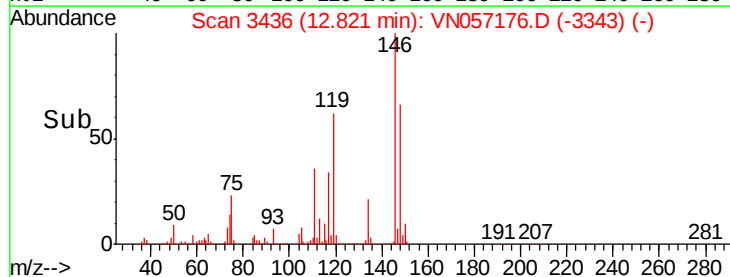
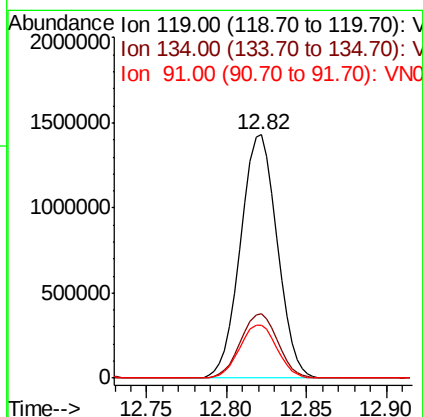
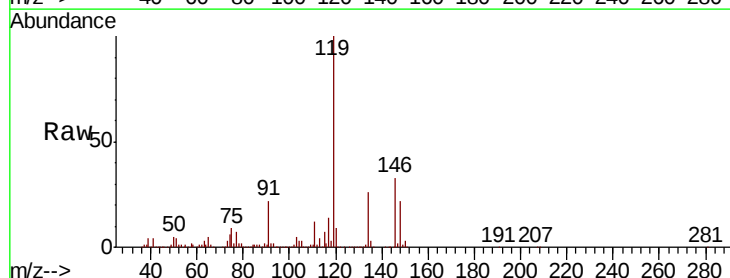
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB63

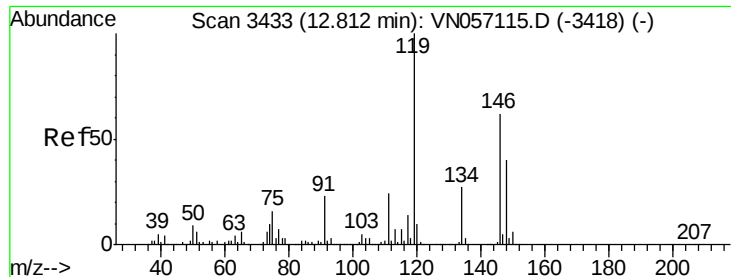
Tgt Ion:105 Resp: 2480961
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 45.124 ug/l
 RT: 12.82 min Scan# 3436
 Delta R.T. 0.00 min
 Lab File: VN057176.D
 Acq: 11 Aug 2019 10:02

Tgt Ion:119 Resp: 2230728
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.8 41.3
 91 22.1 11.0 33.0

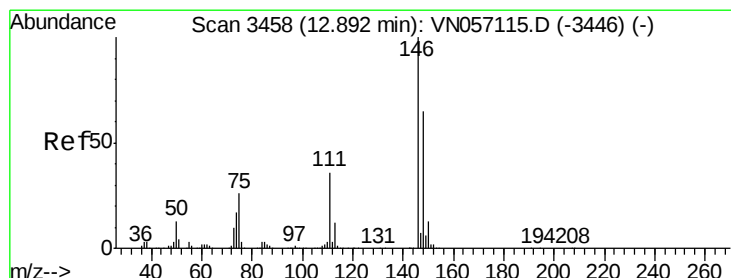
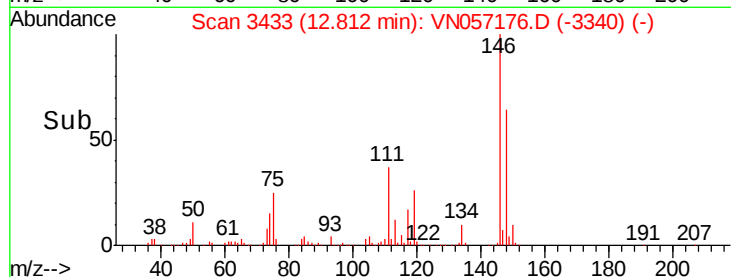
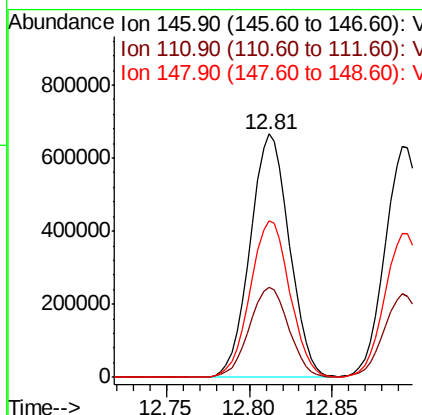
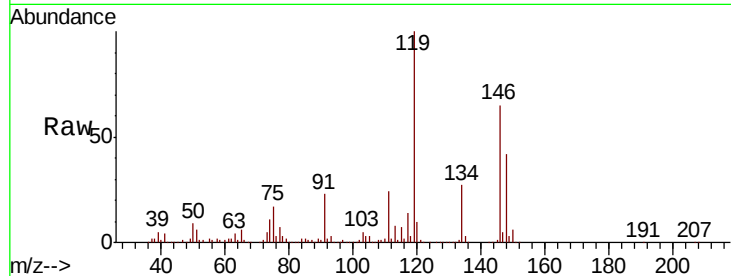




#87
 1,3-Dichlorobenzene
 Concen: 49.454 ug/l
 RT: 12.81 min Scan# 3433
 Delta R.T. 0.00 min
 Lab File: VN057176.D
 Acq: 11 Aug 2019 10:02

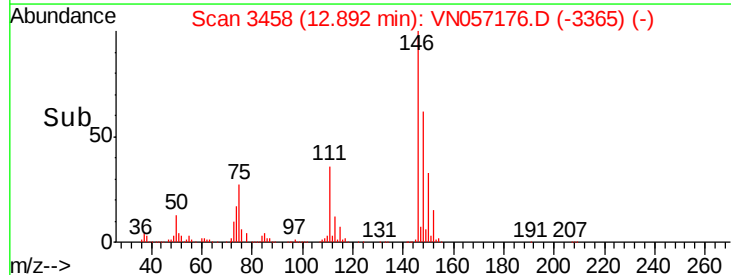
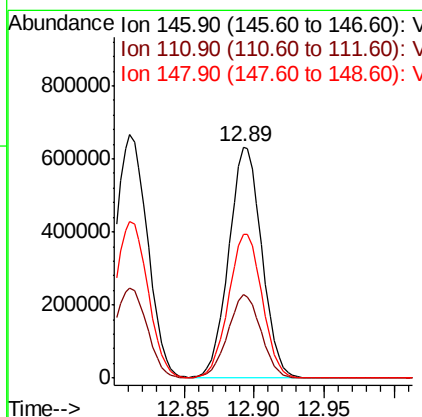
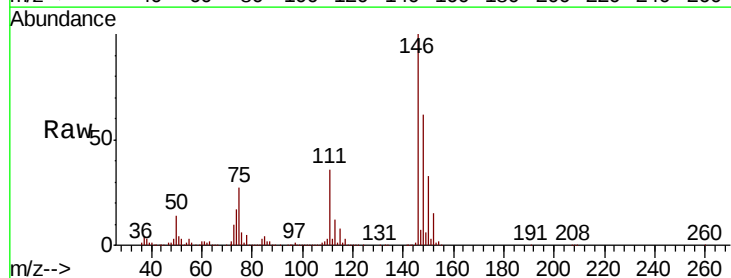
Instrument :
 MSVOA_N
 ClientSampled :
 BFB63

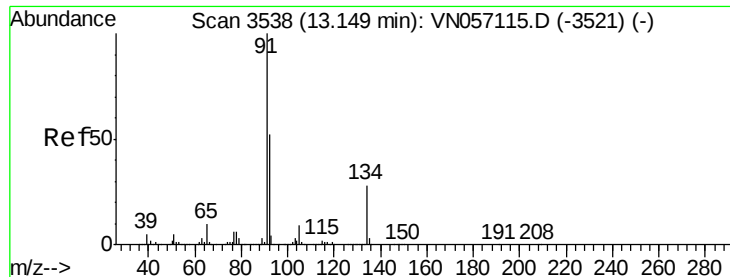
Tgt Ion:146 Resp: 1094287
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.8 56.4
 148 64.9 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 49.390 ug/l
 RT: 12.89 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN057176.D
 Acq: 11 Aug 2019 10:02

Tgt Ion:146 Resp: 1035472
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.2 54.6
 148 63.3 32.0 96.2





#89

n-Butylbenzene

Concen: 48.302 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN057176.D

Acq: 11 Aug 2019 10:02

Instrument :

MSVOA_N

ClientSampled :

BFB63

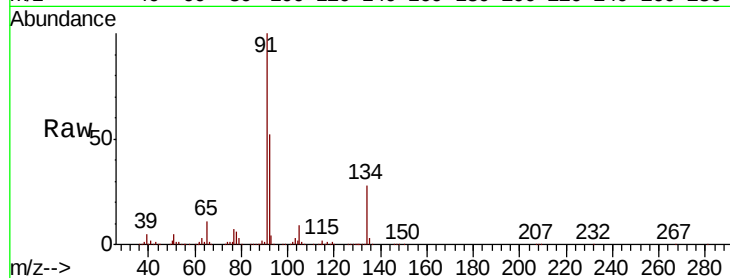
Tgt Ion: 91 Resp: 1649712

Ion Ratio Lower Upper

91 100

92 52.8 26.5 79.4

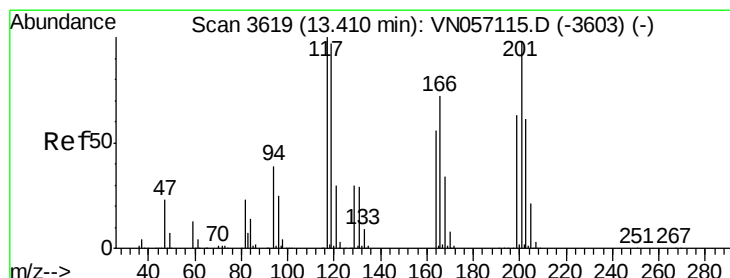
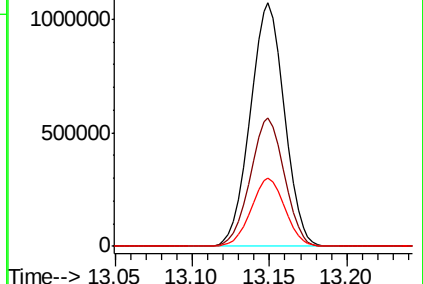
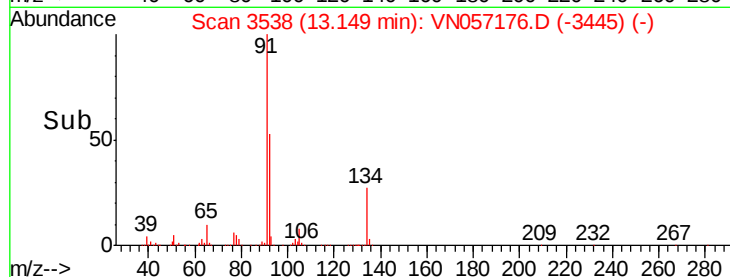
134 27.9 14.1 42.3



Abundance Ion 91.00 (90.70 to 91.70): VN057176.D (-3445) (-)

Ion 92.00 (91.70 to 92.70): VN057176.D (-3445) (-)

Ion 134.00 (133.70 to 134.70): VN057176.D (-3445) (-)



#90

Hexachloroethane

Concen: 50.248 ug/l

RT: 13.41 min Scan# 3619

Delta R.T. 0.00 min

Lab File: VN057176.D

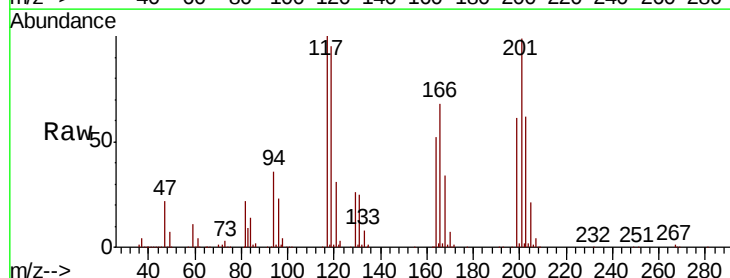
Acq: 11 Aug 2019 10:02

Tgt Ion: 117 Resp: 394827

Ion Ratio Lower Upper

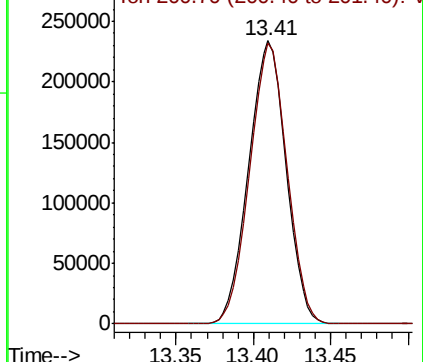
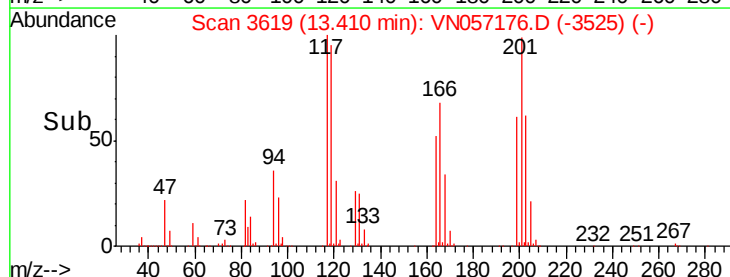
117 100

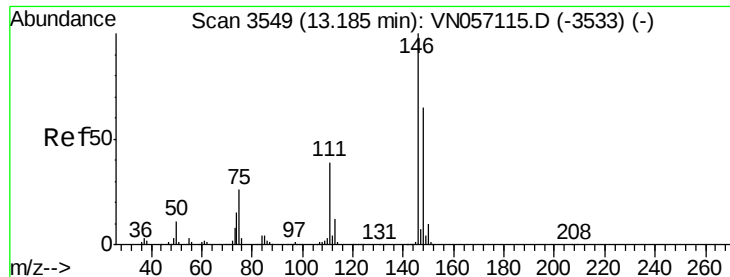
201 98.6 49.3 147.8



Abundance Ion 116.80 (116.50 to 117.50): VN057176.D (-3525) (-)

Ion 200.70 (200.40 to 201.40): VN057176.D (-3525) (-)

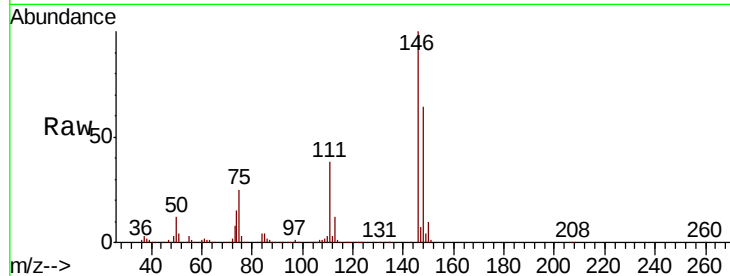




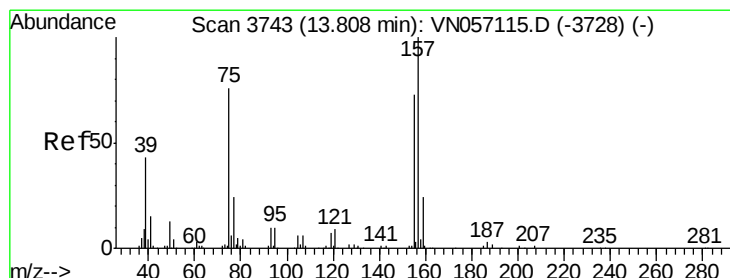
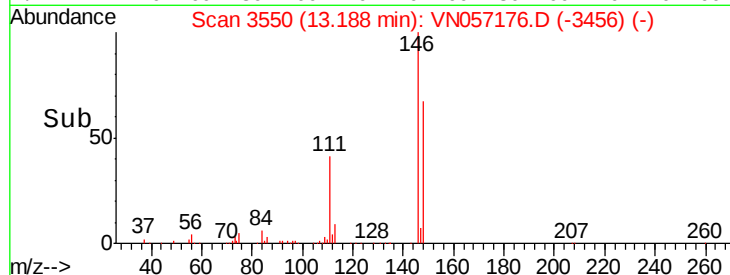
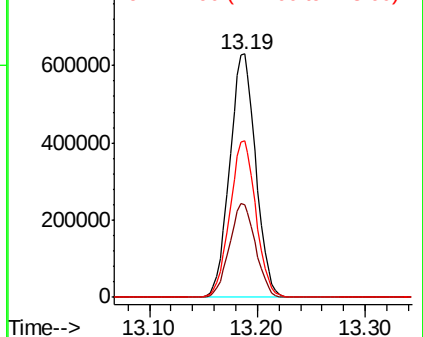
#91
 1,2-Dichlorobenzene
 Concen: 48.036 ug/l
 RT: 13.19 min Scan# 3550
 Delta R.T. 0.00 min
 Lab File: VN057176.D
 Acq: 11 Aug 2019 10:02

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB63

Tgt Ion: 146 Resp: 1061421
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.2 57.6
 148 64.2 32.4 97.0

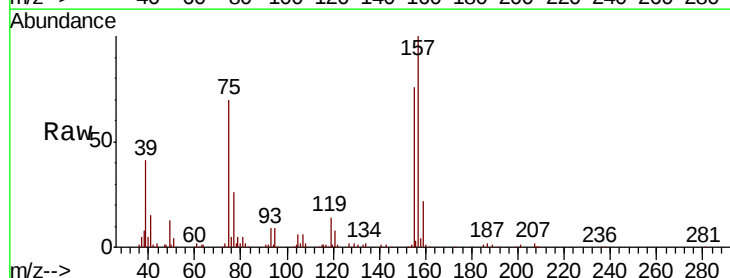


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

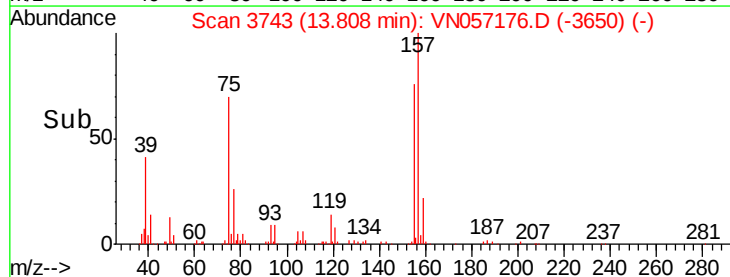
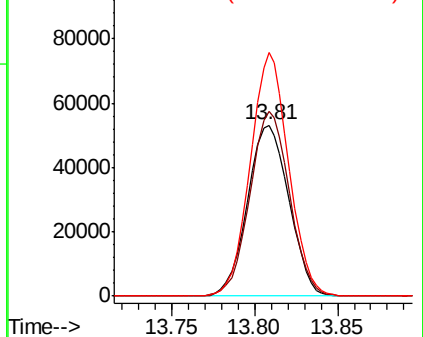


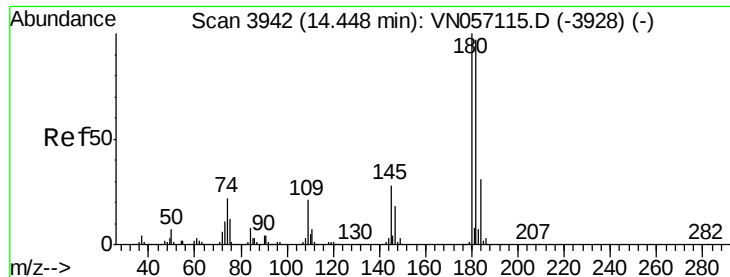
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 40.862 ug/l
 RT: 13.81 min Scan# 3743
 Delta R.T. 0.00 min
 Lab File: VN057176.D
 Acq: 11 Aug 2019 10:02

Tgt Ion: 75 Resp: 92884
 Ion Ratio Lower Upper
 75 100
 155 103.0 49.3 147.9
 157 131.3 65.3 195.8



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

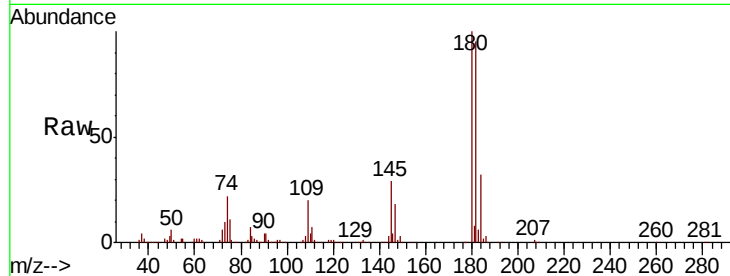




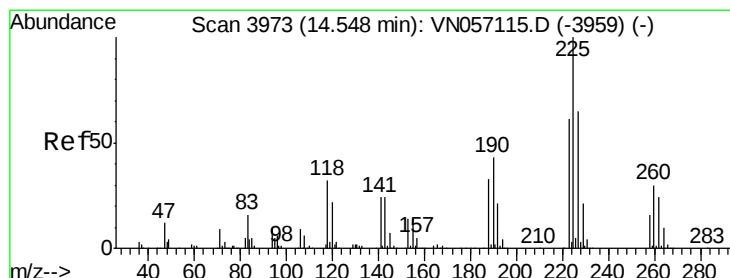
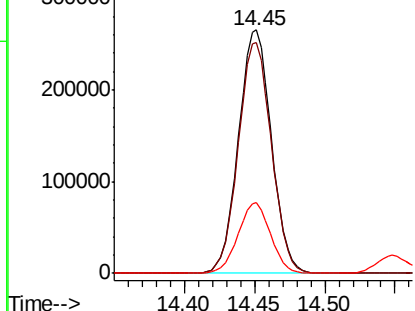
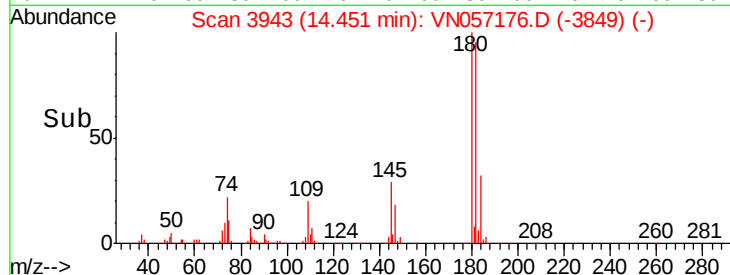
#93
 1,2,4-Trichlorobenzene
 Concen: 46.705 ug/l
 RT: 14.45 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VN057176.D
 Acq: 11 Aug 2019 10:02

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB63

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.5	142.6
145	28.7	14.1	42.2

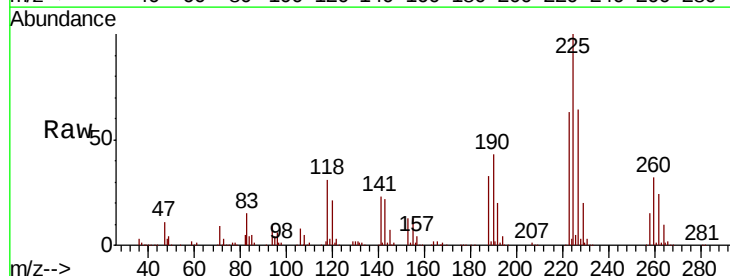


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

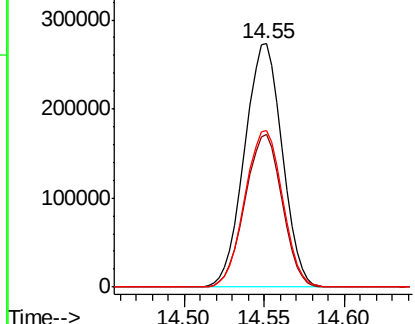
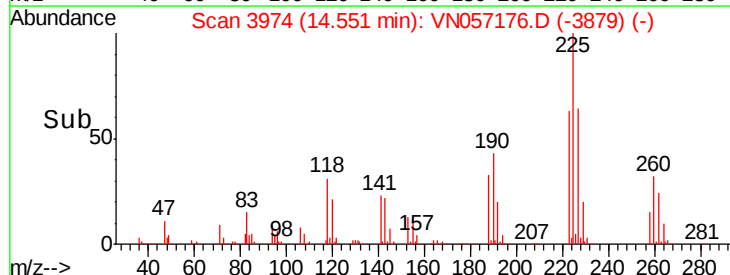


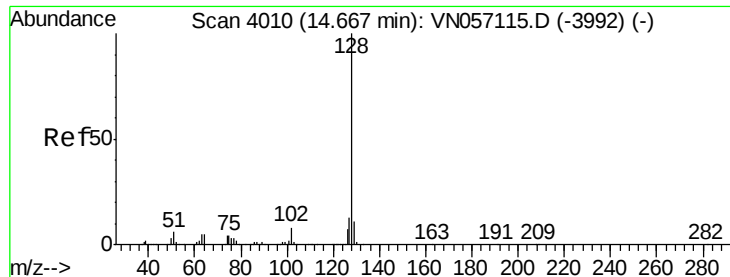
#94
 Hexachlorobutadiene
 Concen: 57.643 ug/l
 RT: 14.55 min Scan# 3974
 Delta R.T. 0.00 min
 Lab File: VN057176.D
 Acq: 11 Aug 2019 10:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	30.9	92.8
227	64.4	32.4	97.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 39.740 ug/l

RT: 14.67 min Scan# 4010

Delta R.T. 0.00 min

Lab File: VN057176.D

Acq: 11 Aug 2019 10:02

Instrument :

MSVOA_N

ClientSampled :

BFB63

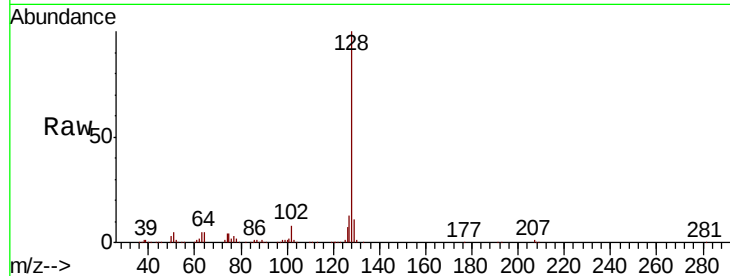
Tgt Ion:128 Resp: 708277

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

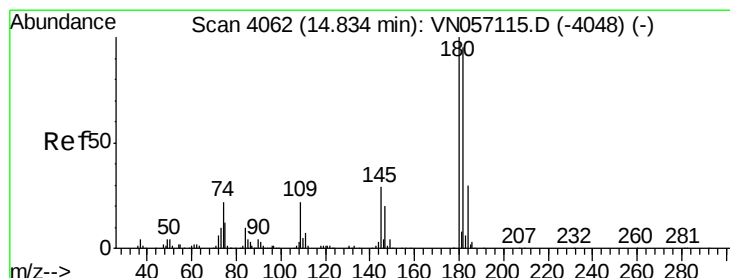
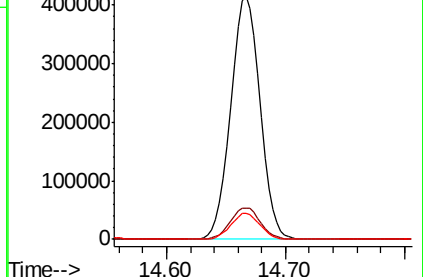
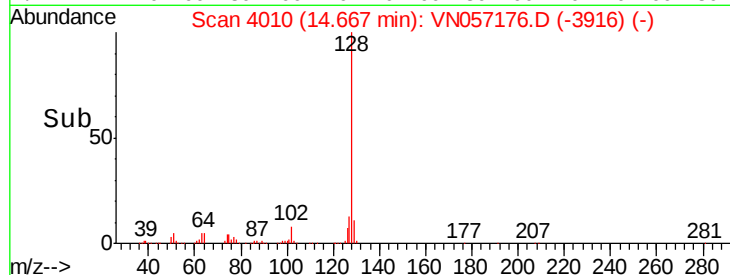
129 10.6 8.8 13.2



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: 39.263 ug/l

RT: 14.83 min Scan# 4062

Delta R.T. 0.00 min

Lab File: VN057176.D

Acq: 11 Aug 2019 10:02

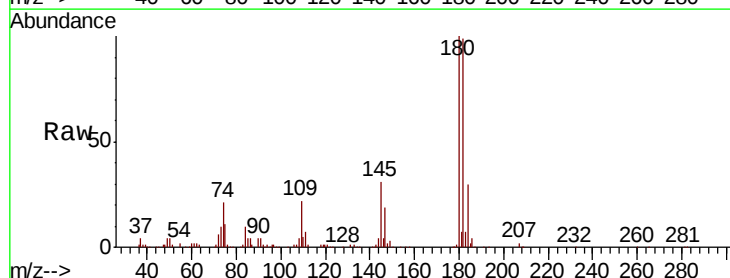
Tgt Ion:180 Resp: 367113

Ion Ratio Lower Upper

180 100

182 96.7 48.3 144.8

145 30.4 14.9 44.5



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

