

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090219\
 Data File : VN057644.D
 Acq On : 1 Sep 2019 15:12
 Operator : JC/SP
 Sample : K4527-36
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-O-(1.9)

Quant Time: Sep 02 01:54:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 15:54:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	200262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	336840	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	289322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	88635	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	244037	53.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.88%	
35) Dibromofluoromethane	7.58	113	149527	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
50) Toluene-d8	10.08	98	573125	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
62) 4-Bromofluorobenzene	12.40	95	161278	37.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.12%	

Target Compounds

						Qvalue
5) Bromomethane	2.55	94	720	0.394	ug/l #	50
11) Tert butyl alcohol	4.79	59	136	0.287	ug/l #	81
13) Acrolein	3.59	56	60	0.318	ug/l #	14
16) Acetone	3.81	43	12249	9.661	ug/l	97
18) Methyl Acetate	4.32	43	9568	2.198	ug/l #	72
20) Methylene Chloride	4.53	84	5644	1.798	ug/l #	95
25) 2-Butanone	6.82	43	861	0.408	ug/l	96
29) Tetrahydrofuran	7.22	42	367	0.277	ug/l #	39
31) Cyclohexane	7.65	56	6888	1.149	ug/l #	20
36) 1,1-Dichloropropene	7.65	75	20096	4.500	ug/l #	48
38) Carbon Tetrachloride	7.65	117	22930	5.736	ug/l #	12
41) Methacrylonitrile	7.16	41	145	2.341	ug/l #	21
43) Isopropyl Acetate	8.16	43	56325	7.359	ug/l	98
45) 1,2-Dichloropropane	9.26	63	986	0.272	ug/l #	44
48) Methyl methacrylate	9.18	41	2733	0.699	ug/l #	15
51) 4-Methyl-2-Pentanone	9.99	43	4027	0.918	ug/l	92
53) t-1,3-Dichloropropene	10.10	75	104	3.240	ug/l #	45
54) cis-1,3-Dichloropropene	9.90	75	20994	5.433	ug/l #	67
57) 1,3-Dichloropropane	10.76	76	3208	0.600	ug/l #	43
59) 2-Hexanone	10.76	43	50645	15.722	ug/l #	56
70) Styrene	11.96	104	68	2.591	ug/l #	56
71) Bromoform	12.40	173	714	6.552	ug/l #	1
74) N-ethyl acetate	12.03	43	1565	0.371	ug/l #	56
76) 1,2,3-Trichloropropane	12.40	75	94532	40.546	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	94532	138.983	ug/l #	1
87) 1,3-Dichlorobenzene	13.29	146	770	0.248	ug/l #	67
88) 1,4-Dichlorobenzene	13.37	146	803	0.268	ug/l #	67
91) 1,2-Dichlorobenzene	13.66	146	644	0.217	ug/l #	37
93) 1,2,4-Trichlorobenzene	14.91	180	820	8.828	ug/l #	76
94) Hexachlorobutadiene	15.01	225	269	0.265	ug/l	81
95) Naphthalene	15.13	128	1573	7.258	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.30	180	961	8.396	ug/l #	87

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

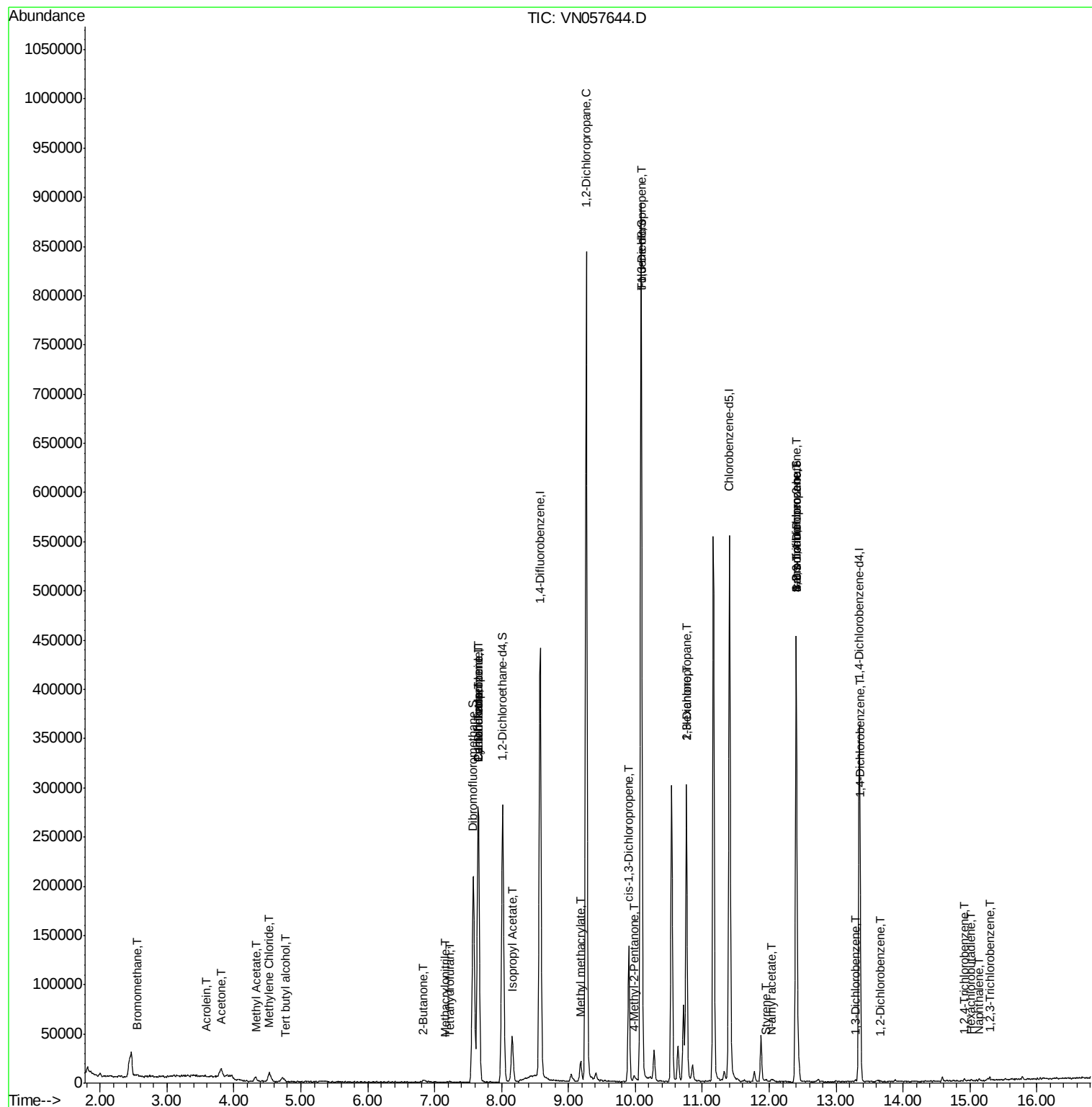
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

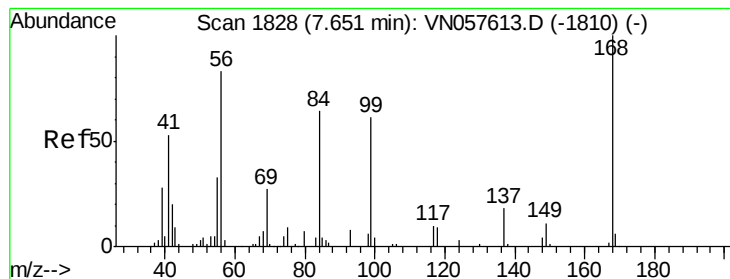
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057644.D

Acq: 1 Sep 2019 15:12

Instrument :

MSVOA_N

ClientSampleId :

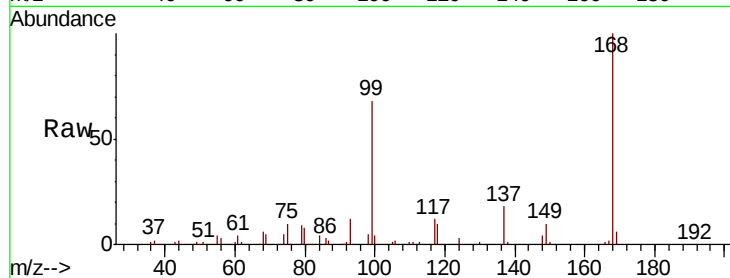
T9-12-13-O-(1.9)

Tgt Ion:168 Resp: 200262

Ion Ratio Lower Upper

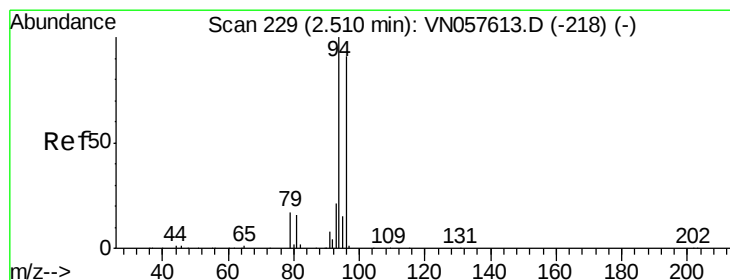
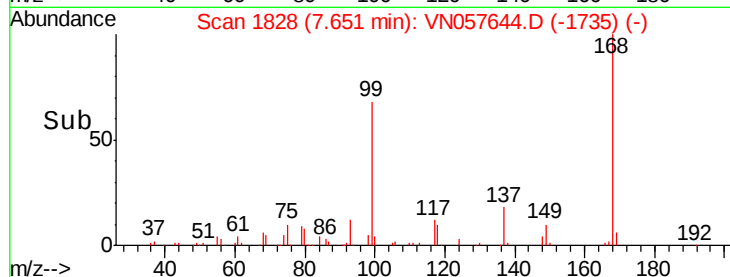
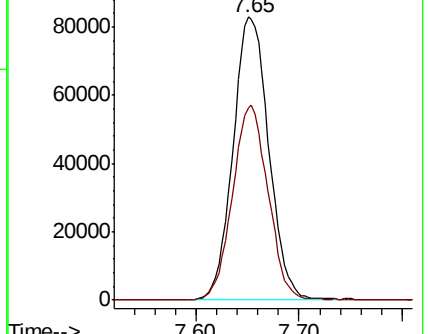
168 100

99 68.2 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#5

Bromomethane

Concen: 0.394 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.04 min

Lab File: VN057644.D

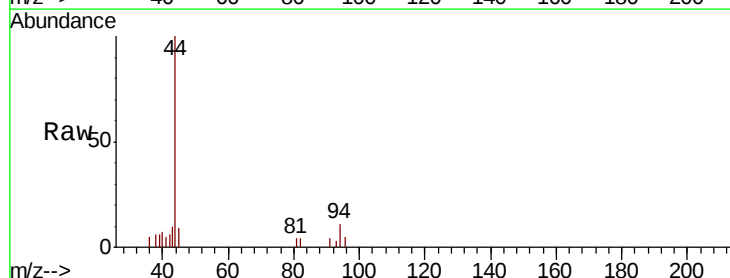
Acq: 1 Sep 2019 15:12

Tgt Ion: 94 Resp: 720

Ion Ratio Lower Upper

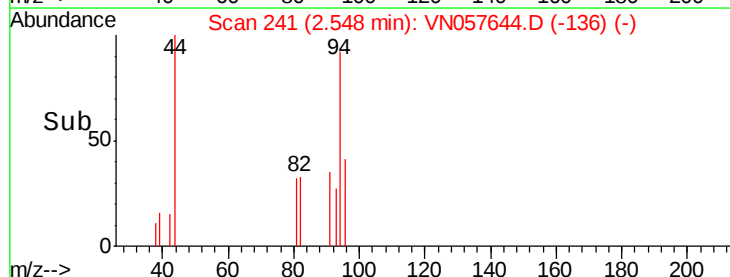
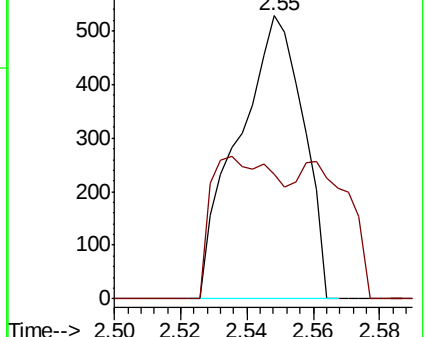
94 100

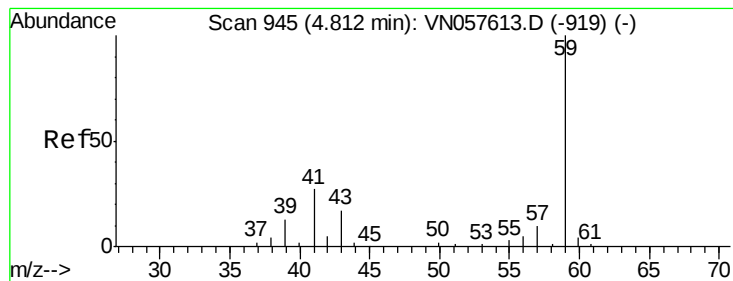
96 44.1 72.9 109.3#



Abundance Ion 93.90 (93.60 to 94.60): VN

Ion 95.90 (95.60 to 96.60): VN



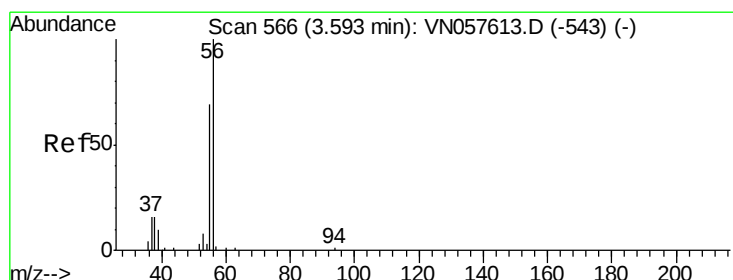
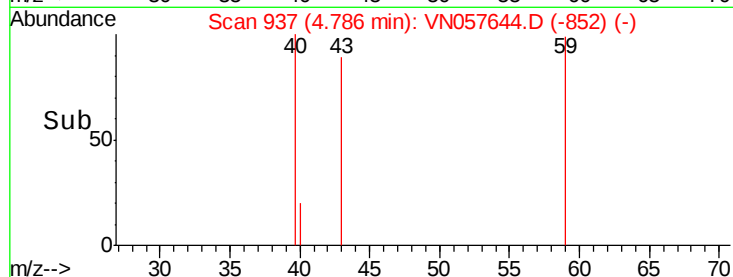
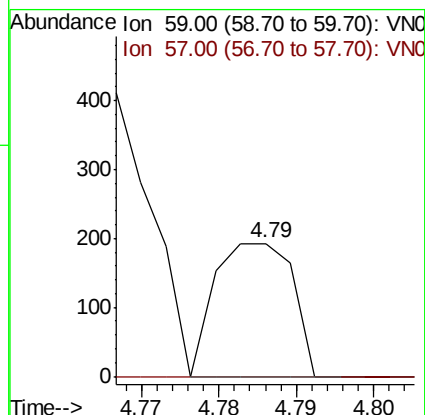
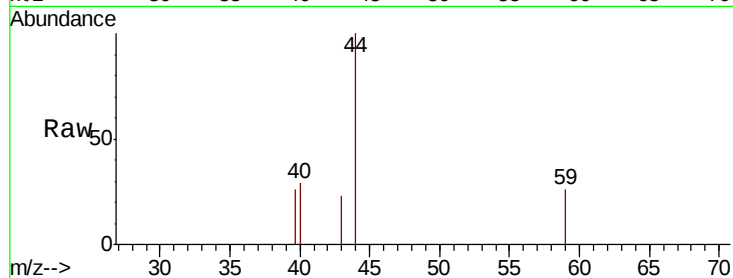


#11

Tert butyl alcohol
 Concen: 0.287 ug/l
 RT: 4.79 min Scan# 937
 Delta R.T. -0.03 min
 Lab File: VN057644.D
 Acq: 1 Sep 2019 15:12

Instrument :
 MSVOA_N
 ClientSampled :
 T9-12-13-O-(1.9)

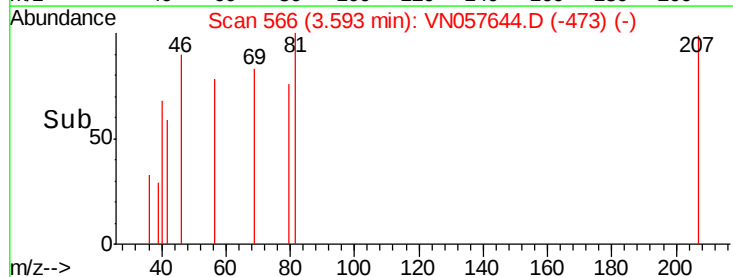
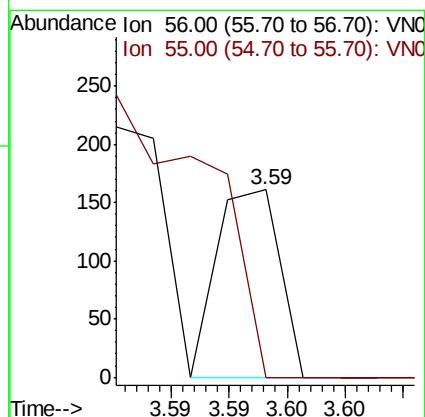
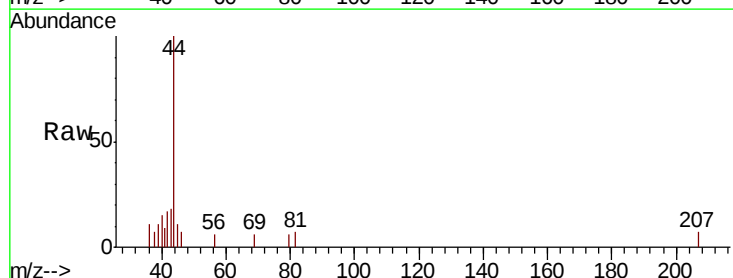
Tgt Ion: 59 Resp: 136
 Ion Ratio Lower Upper
 59 100
 57 0.0 5.0 7.6#

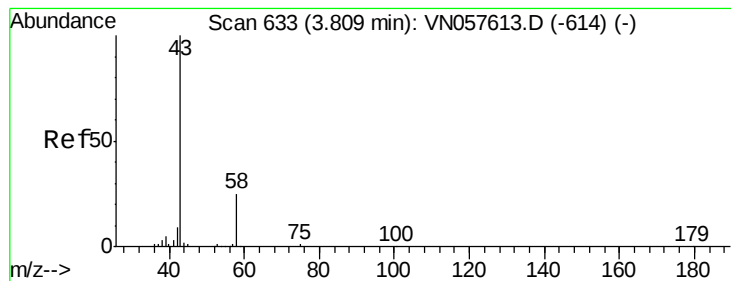


#13

Acrolein
 Concen: 0.318 ug/l
 RT: 3.59 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: VN057644.D
 Acq: 1 Sep 2019 15:12

Tgt Ion: 56 Resp: 60
 Ion Ratio Lower Upper
 56 100
 55 0.0 56.5 84.7#





#16

Acetone

Concen: 9.661 ug/l

RT: 3.81 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN057644.D

Acq: 1 Sep 2019 15:12

Instrument :

MSVOA_N

ClientSampleId :

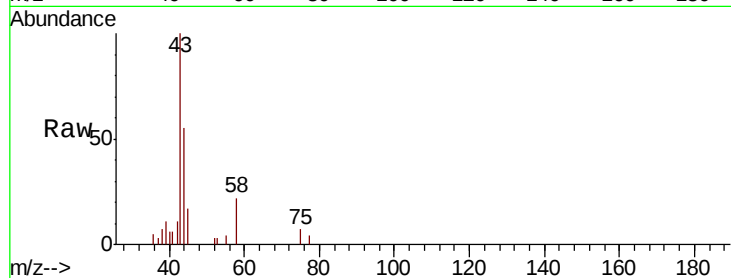
T9-12-13-O-(1.9)

Tgt Ion: 43 Resp: 12249

Ion Ratio Lower Upper

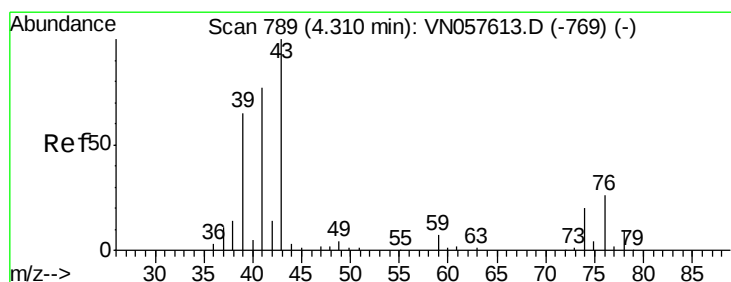
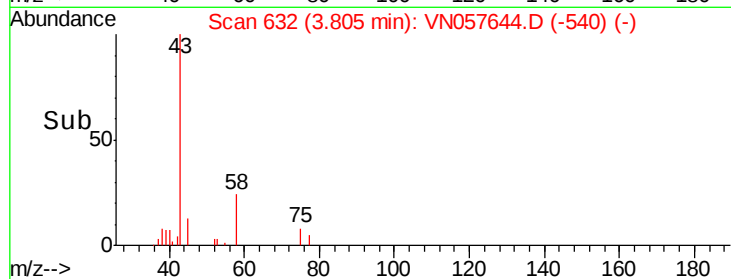
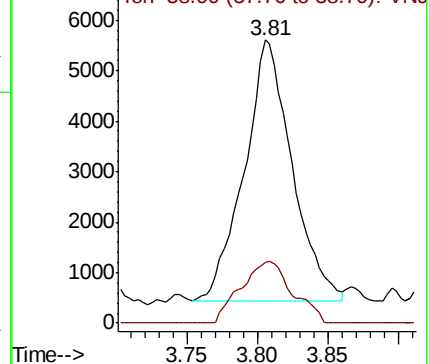
43 100

58 23.4 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 2.198 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.01 min

Lab File: VN057644.D

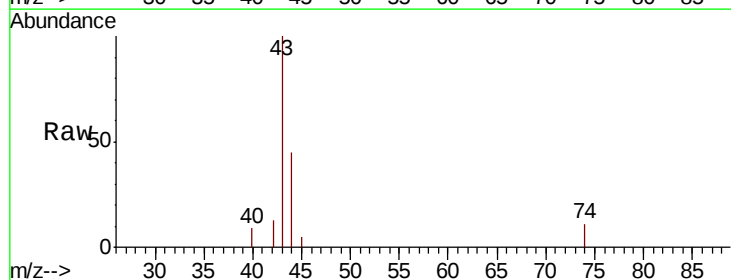
Acq: 1 Sep 2019 15:12

Tgt Ion: 43 Resp: 9568

Ion Ratio Lower Upper

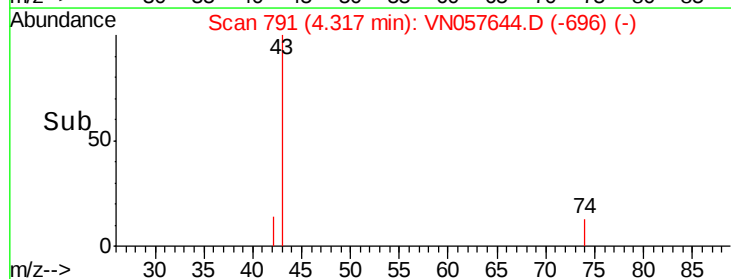
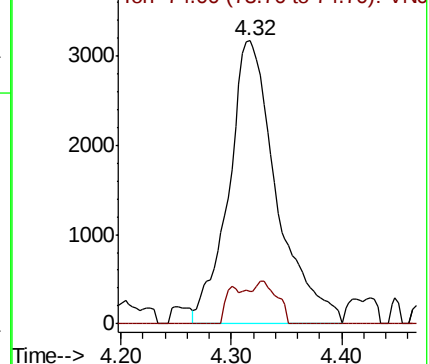
43 100

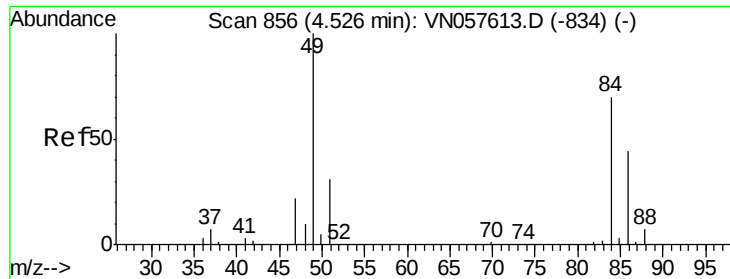
74 6.6 15.7 23.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

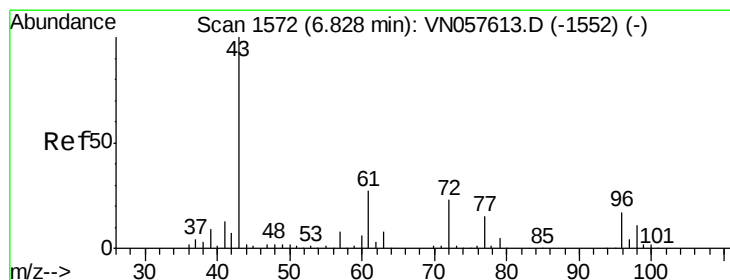
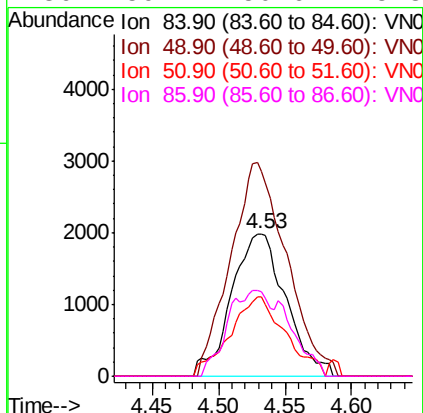
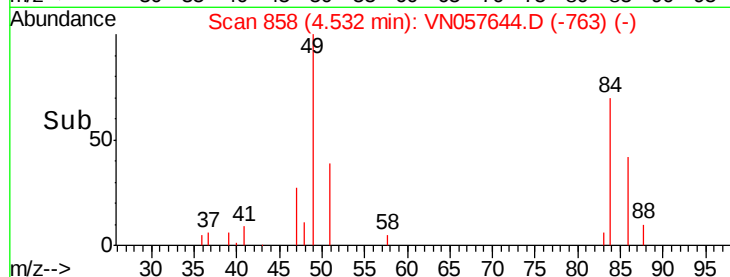
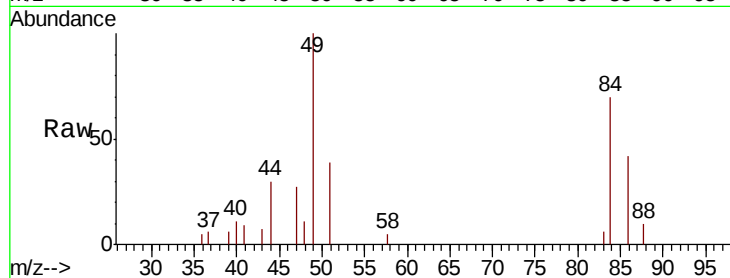




#20
Methylene Chloride
Concen: 1.798 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN057644.D
Acq: 1 Sep 2019 15:12

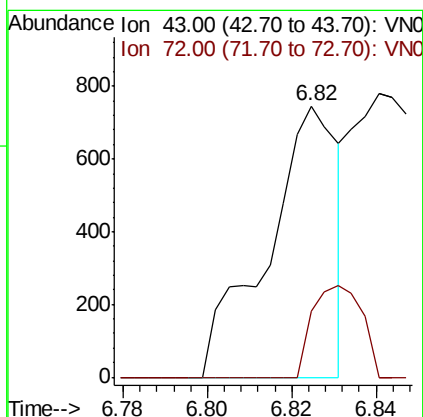
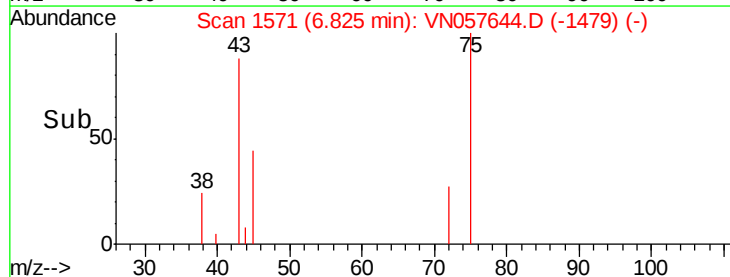
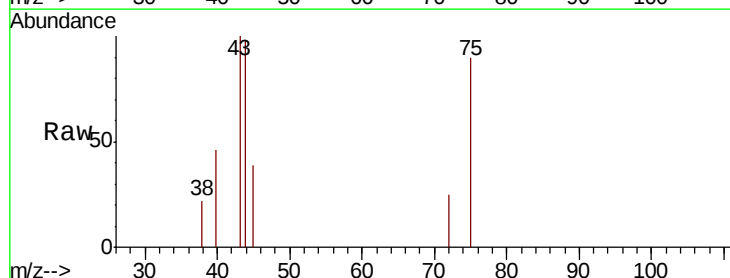
Instrument :
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T9-12-13-O-(1.9)

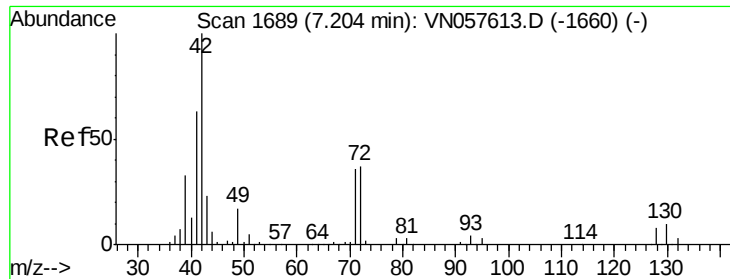
Tgt Ion: 84 Resp: 5644
Ion Ratio Lower Upper
84 100
49 143.2 113.8 170.6
51 55.2 35.0 52.6#
86 59.7 50.6 75.8



#25
2-Butanone
Concen: 0.408 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN057644.D
Acq: 1 Sep 2019 15:12

Tgt Ion: 43 Resp: 861
Ion Ratio Lower Upper
43 100
72 24.6 18.2 27.4

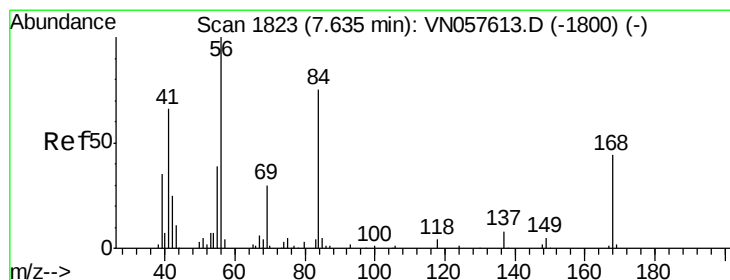
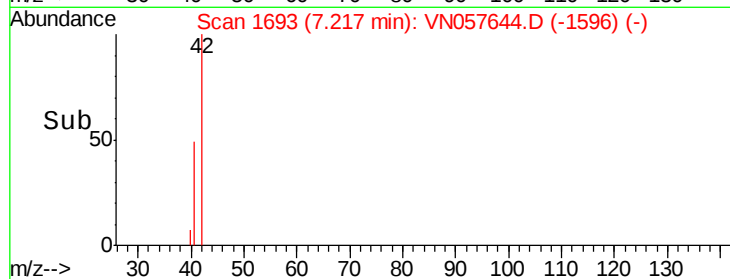
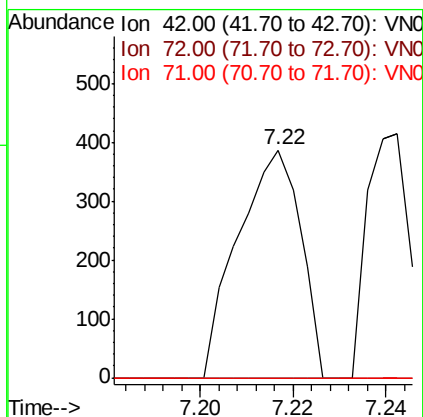
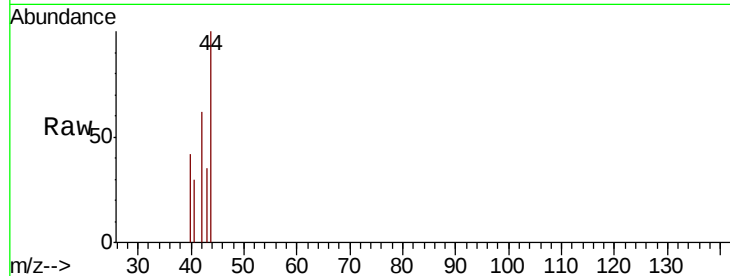




#29
Tetrahydrofuran
Concen: 0.277 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN057644.D
Acq: 1 Sep 2019 15:12

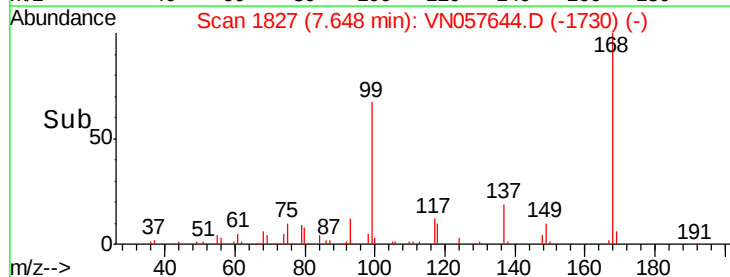
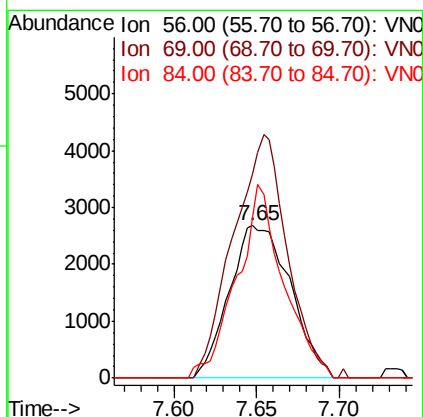
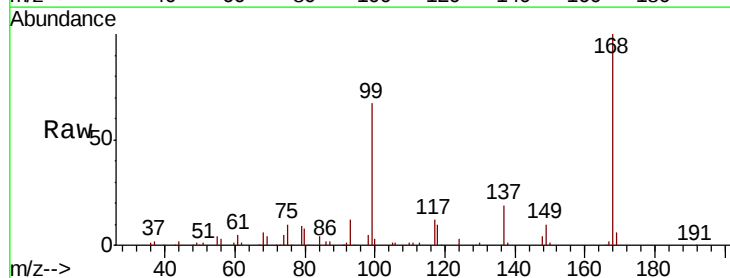
Instrument :
MSVOA_N
ClientSampled :
T9-12-13-O-(1.9)

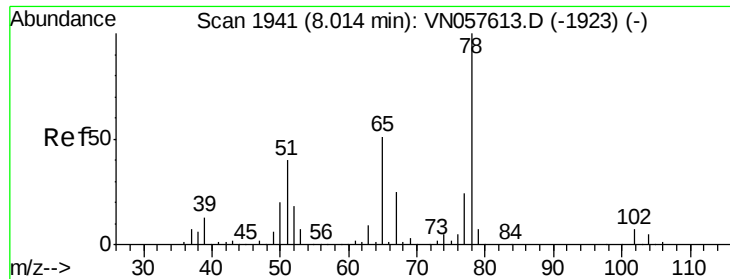
Tgt Ion: 42 Resp: 367
Ion Ratio Lower Upper
42 100
72 0.0 29.6 44.4#
71 0.0 27.9 41.9#



#31
Cyclohexane
Concen: 1.149 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN057644.D
Acq: 1 Sep 2019 15:12

Tgt Ion: 56 Resp: 6888
Ion Ratio Lower Upper
56 100
69 133.4 24.4 36.6#
84 105.1 59.9 89.9#





#33

1,2-Dichloroethane-d4

Concen: 53.944 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057644.D

Acq: 1 Sep 2019 15:12

Instrument :

MSVOA_N

ClientSampleId :

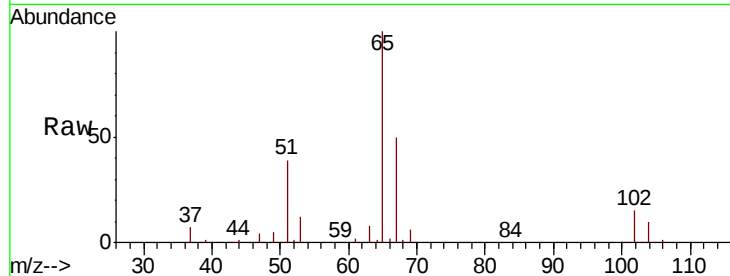
T9-12-13-O-(1.9)

Tgt Ion: 65 Resp: 244037

Ion Ratio Lower Upper

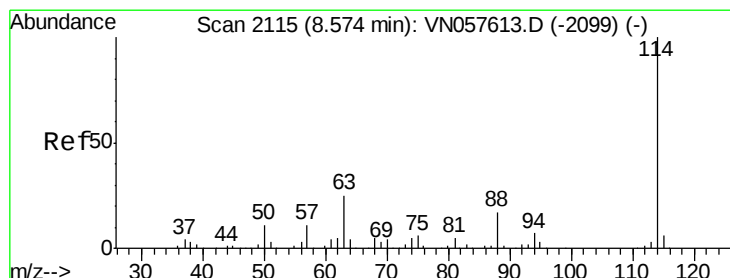
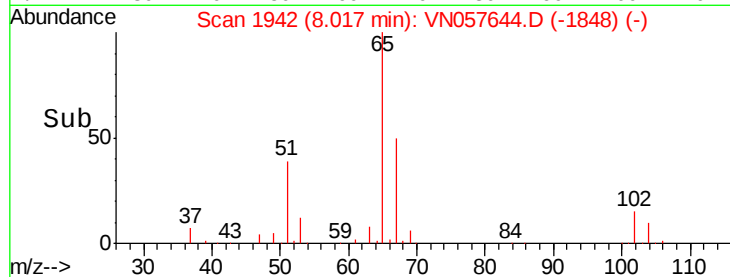
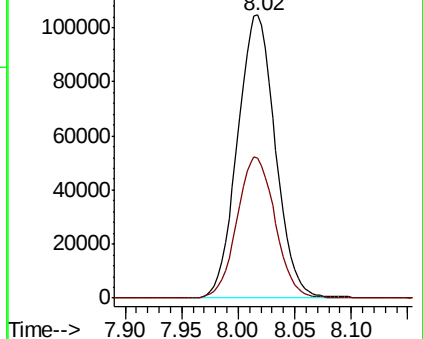
65 100

67 50.3 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VN057613.D (-1923) (-)

Ion 66.90 (66.60 to 67.60): VN057613.D (-1923) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057644.D

Acq: 1 Sep 2019 15:12

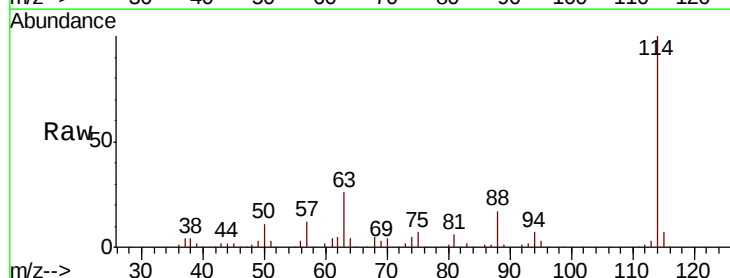
Tgt Ion: 114 Resp: 336840

Ion Ratio Lower Upper

114 100

63 25.6 0.0 49.0

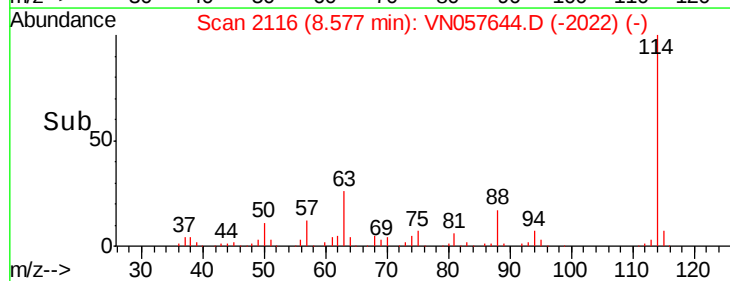
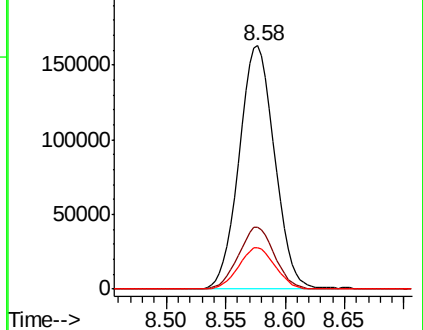
88 17.2 0.0 33.0

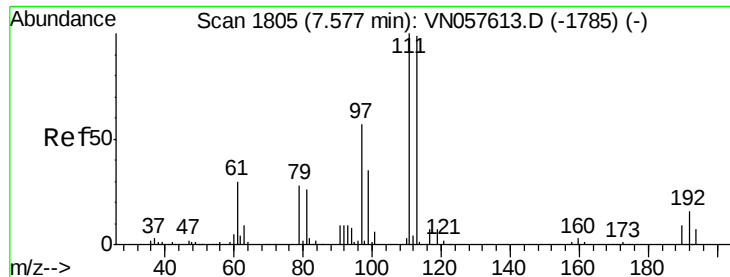


Abundance Ion 113.90 (113.60 to 114.60): VN057613.D (-2099) (-)

Ion 63.00 (62.70 to 63.70): VN057613.D (-2099) (-)

Ion 87.90 (87.60 to 88.60): VN057613.D (-2099) (-)

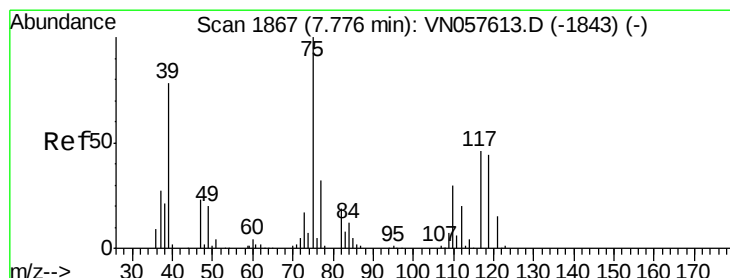
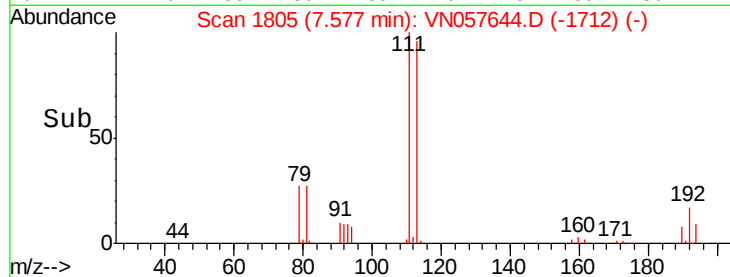
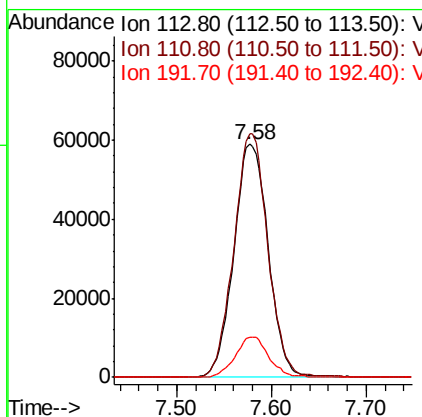
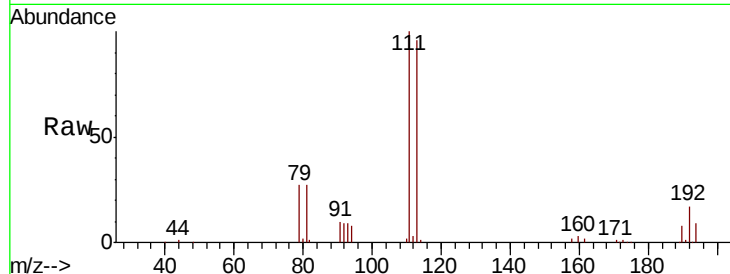




#35
 Dibromofluoromethane
 Concen: 50.832 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN057644.D
 Acq: 1 Sep 2019 15:12

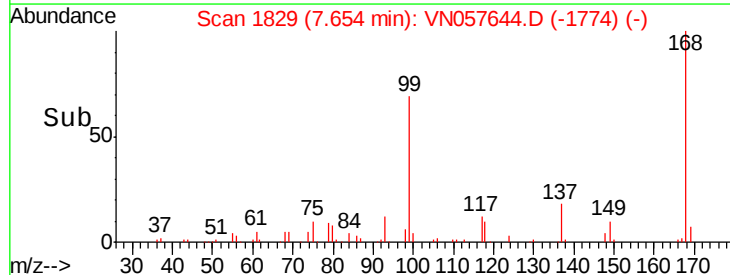
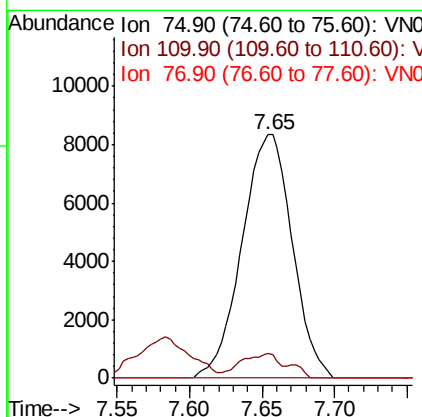
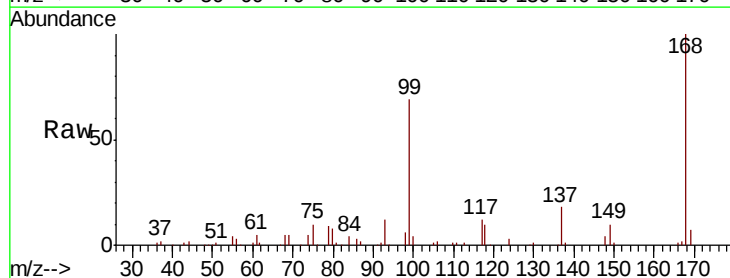
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-O-(1.9)

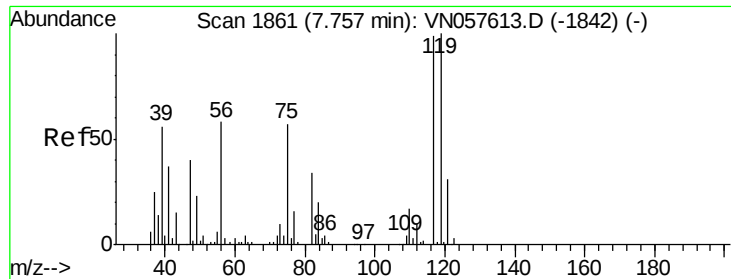
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.3	121.9
192	16.8	13.5	20.3



#36
 1,1-Dichloropropene
 Concen: 4.500 ug/l
 RT: 7.65 min Scan# 1829
 Delta R.T. -0.12 min
 Lab File: VN057644.D
 Acq: 1 Sep 2019 15:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	5.5	15.6	46.8#
77	0.0	24.9	37.3#

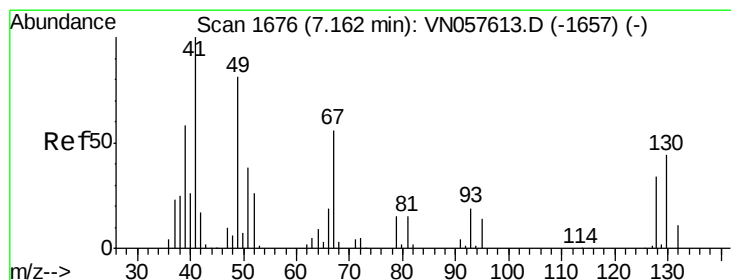
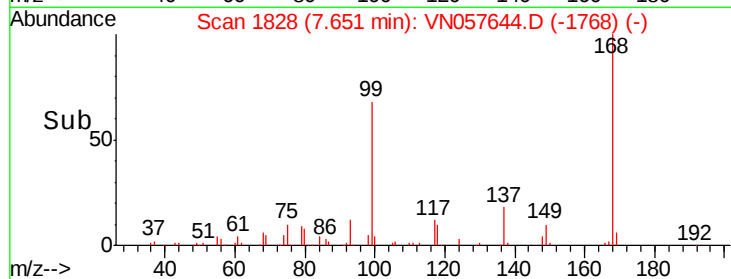
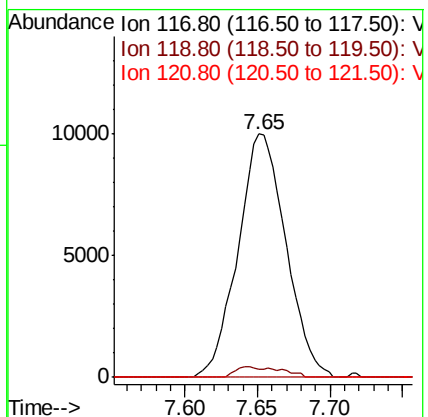
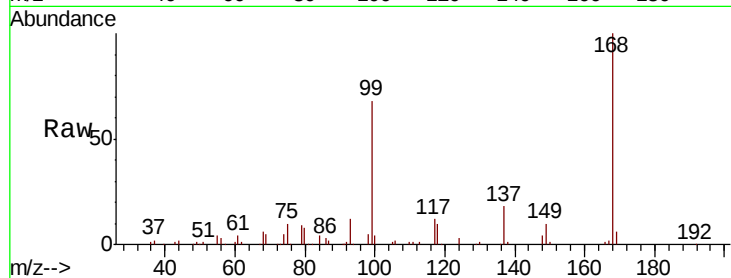




#38
Carbon Tetrachloride
Concen: 5.736 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.11 min
Lab File: VN057644.D
Acq: 1 Sep 2019 15:12

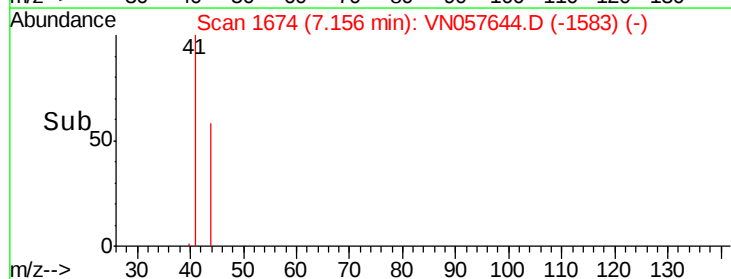
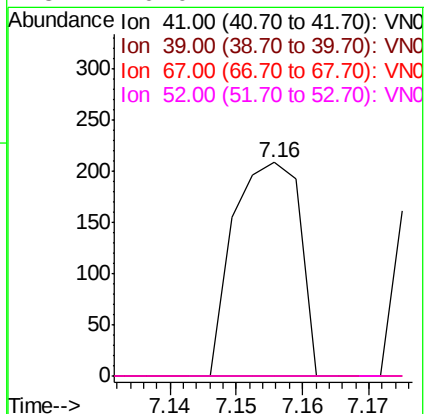
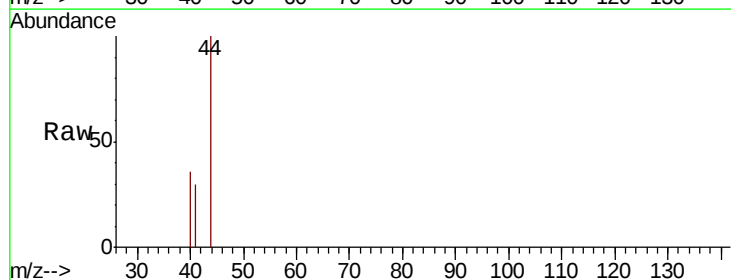
Instrument :
MSVOA_N
ClientSampled :
T9-12-13-O-(1.9)

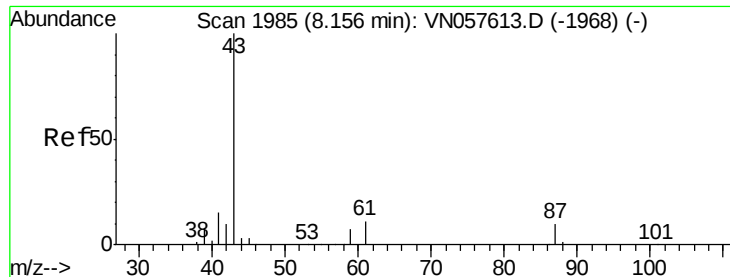
Tgt Ion: 117 Resp: 22930
Ion Ratio Lower Upper
117 100
119 3.2 80.6 120.8#
121 0.0 25.1 37.7#



#41
Methacrylonitrile
Concen: 2.341 ug/l
RT: 7.16 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN057644.D
Acq: 1 Sep 2019 15:12

Tgt Ion: 41 Resp: 145
Ion Ratio Lower Upper
41 100
39 0.0 50.6 75.8#
67 0.0 56.9 85.3#
52 0.0 27.4 41.2#

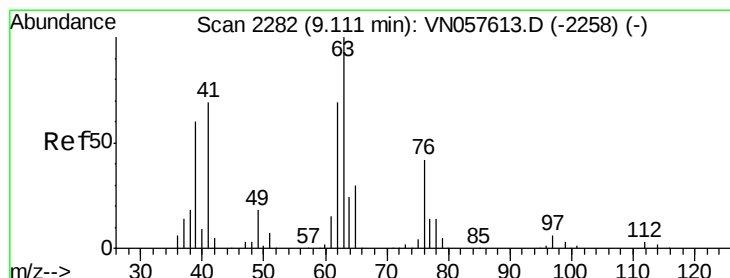
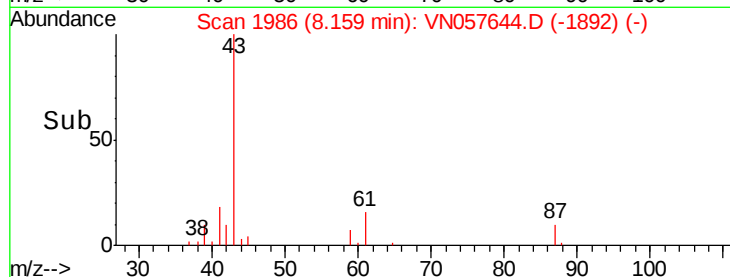
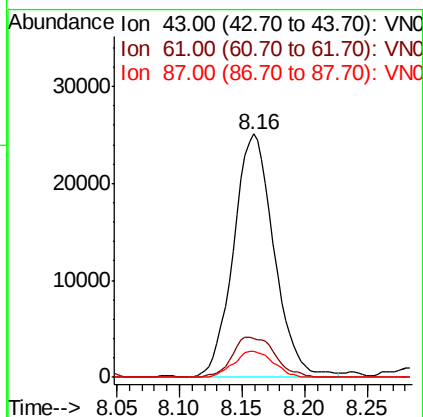
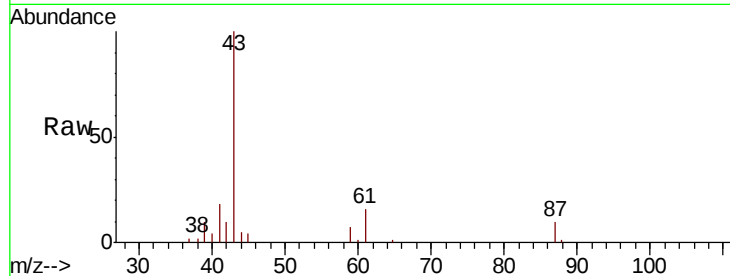




#43
Isopropyl Acetate
Concen: 7.359 ug/l
RT: 8.16 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN057644.D
Acq: 1 Sep 2019 15:12

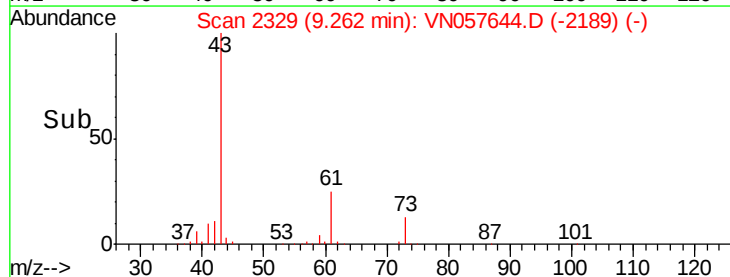
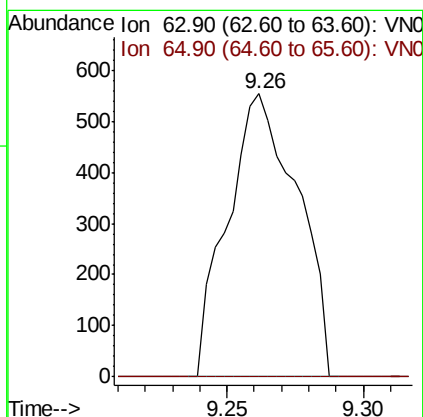
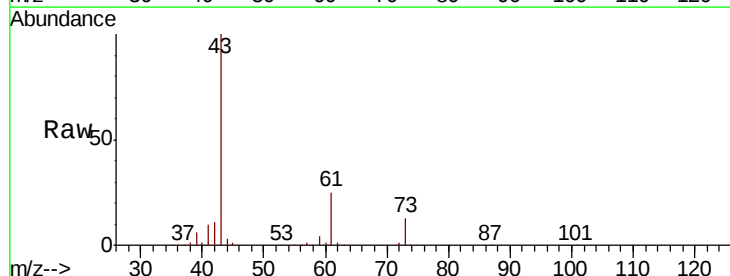
Instrument :
MSVOA_N
ClientSampled :
T9-12-13-O-(1.9)

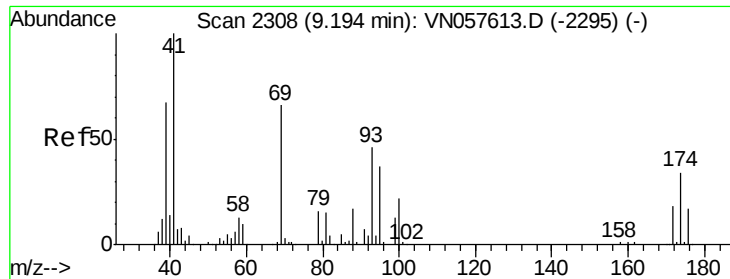
Tgt Ion: 43 Resp: 56325
Ion Ratio Lower Upper
43 100
61 17.5 13.1 19.7
87 10.5 8.1 12.1



#45
1,2-Dichloropropane
Concen: 0.272 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.15 min
Lab File: VN057644.D
Acq: 1 Sep 2019 15:12

Tgt Ion: 63 Resp: 986
Ion Ratio Lower Upper
63 100
65 0.0 24.4 36.6#

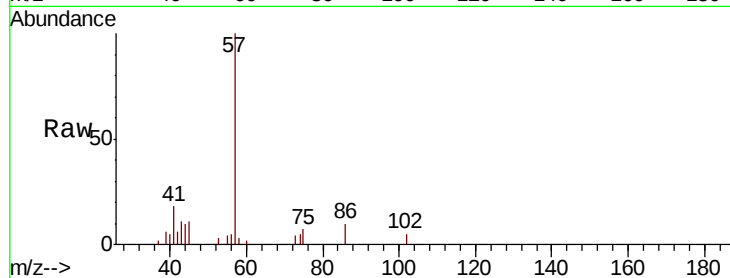




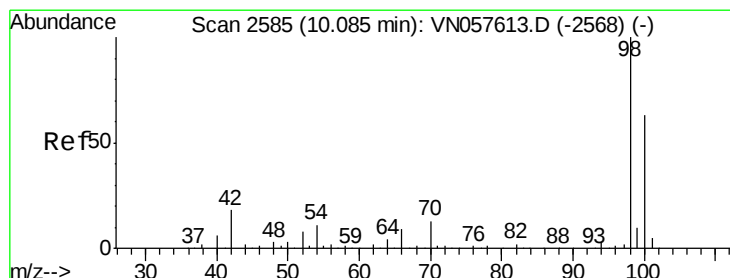
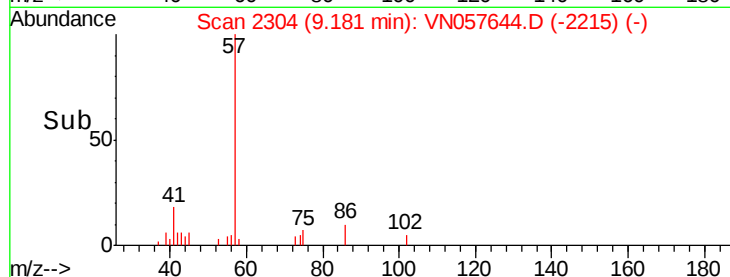
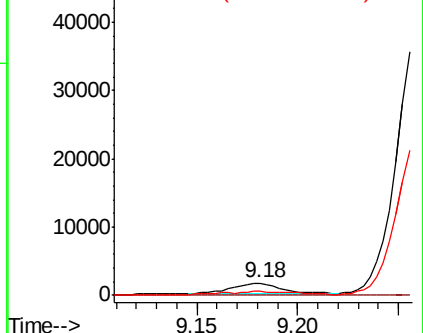
#48
Methyl methacrylate
Concen: 0.699 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.01 min
Lab File: VN057644.D
Acq: 1 Sep 2019 15:12

Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-O-(1.9)

Tgt Ion: 41 Resp: 2733
Ion Ratio Lower Upper
41 100
69 0.0 55.1 82.7#
39 0.0 55.4 83.2#

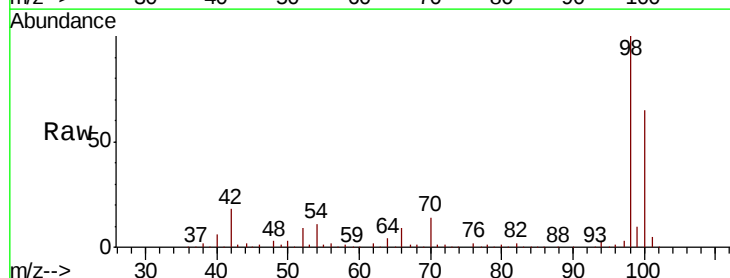


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

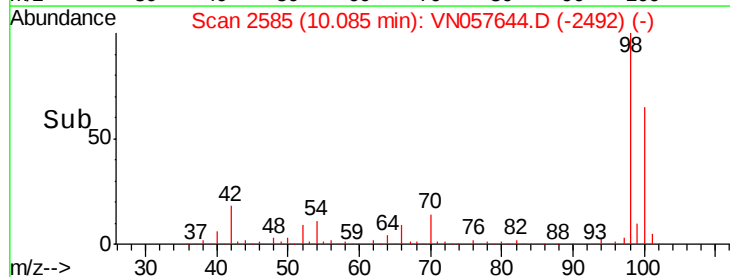
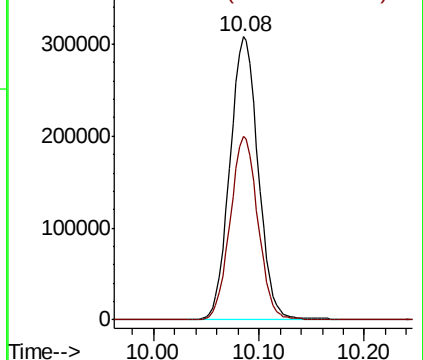


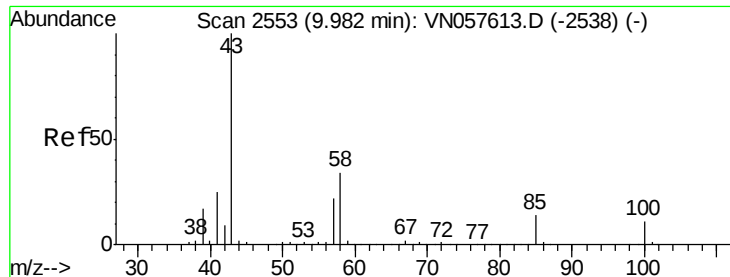
#50
Toluene-d8
Concen: 50.749 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN057644.D
Acq: 1 Sep 2019 15:12

Tgt Ion: 98 Resp: 573125
Ion Ratio Lower Upper
98 100
100 63.6 49.8 74.8



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





#51

4-Methyl-2-Pentanone

Concen: 0.918 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN057644.D

Acq: 1 Sep 2019 15:12

Instrument :

MSVOA_N

ClientSampleId :

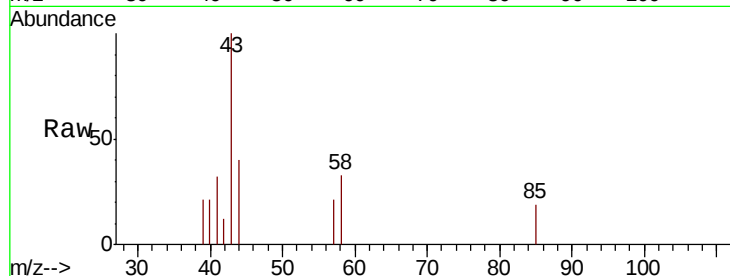
T9-12-13-O-(1.9)

Tgt Ion: 43 Resp: 4027

Ion Ratio Lower Upper

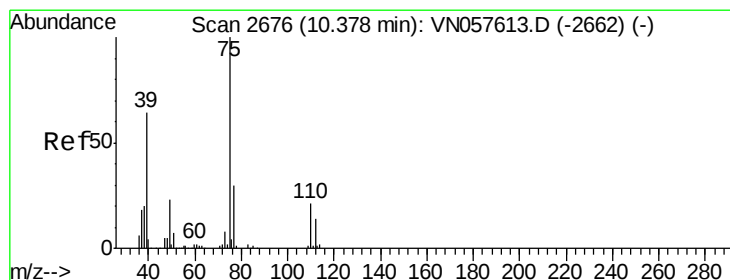
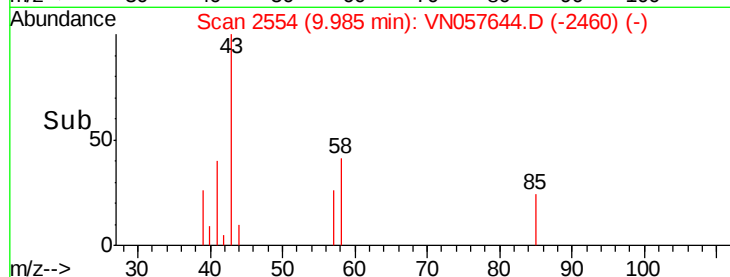
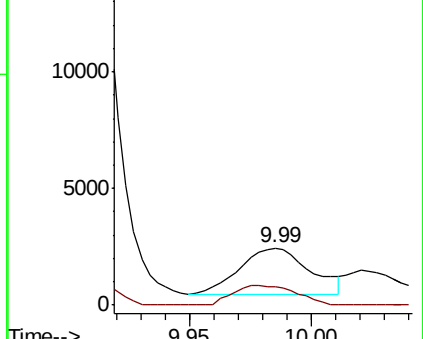
43 100

58 38.0 26.9 40.3



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

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



#53

t-1,3-Dichloropropene

Concen: 3.240 ug/l

RT: 10.10 min Scan# 2589

Delta R.T. -0.28 min

Lab File: VN057644.D

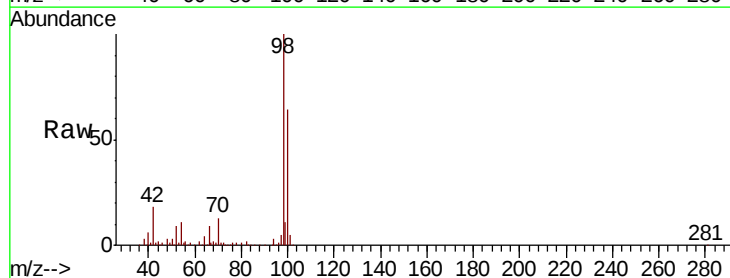
Acq: 1 Sep 2019 15:12

Tgt Ion: 75 Resp: 104

Ion Ratio Lower Upper

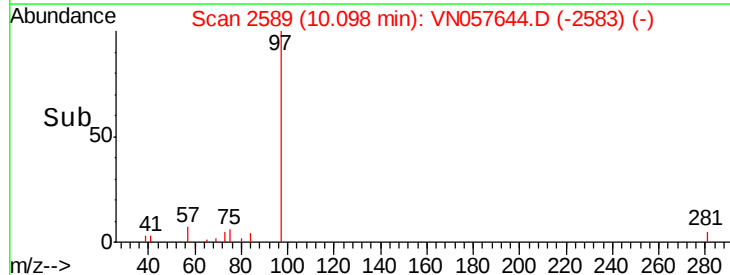
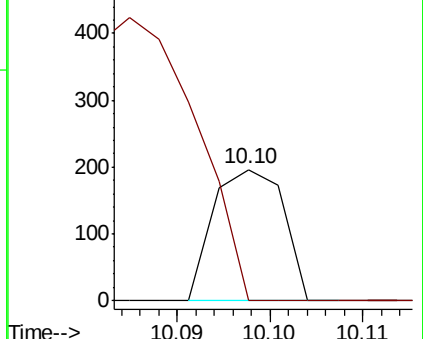
75 100

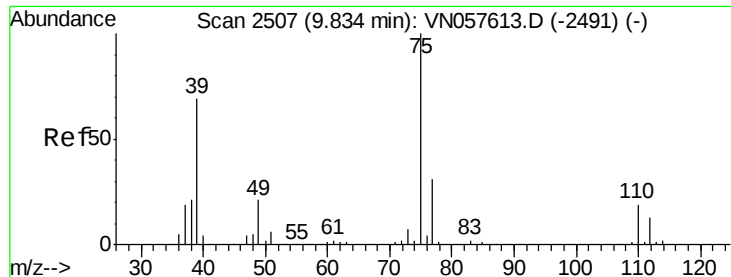
77 0.0 24.1 36.1#



Abundance Ion 74.90 (74.60 to 75.60): VN057613.D (-2662) (-)

Ion 76.90 (76.60 to 77.60): VN057613.D (-2662) (-)

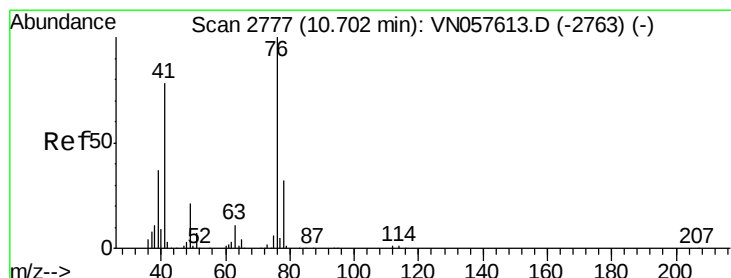
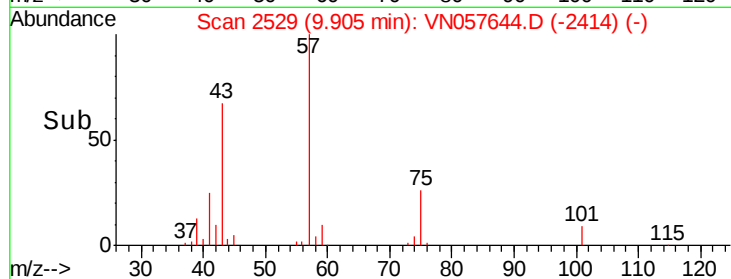
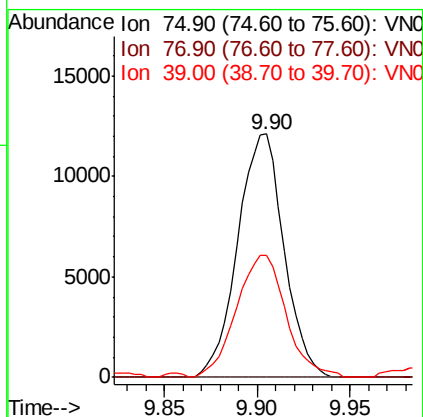
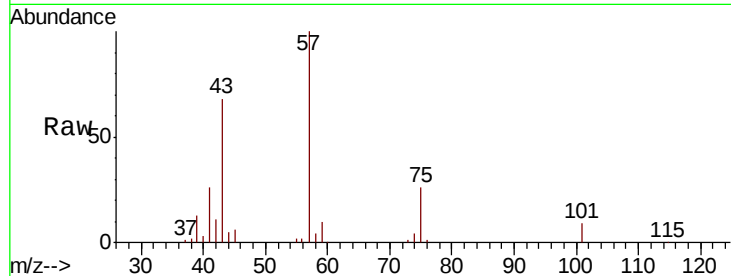




#54
 cis-1,3-Dichloropropene
 Concen: 5.433 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN057644.D
 Acq: 1 Sep 2019 15:12

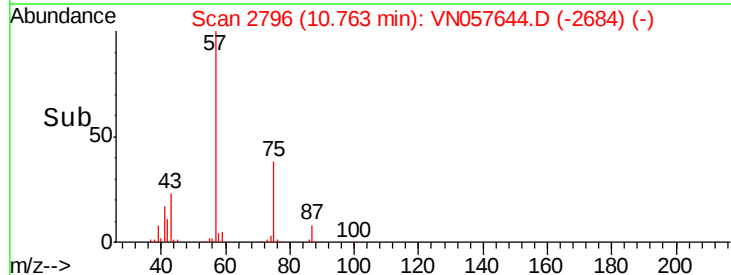
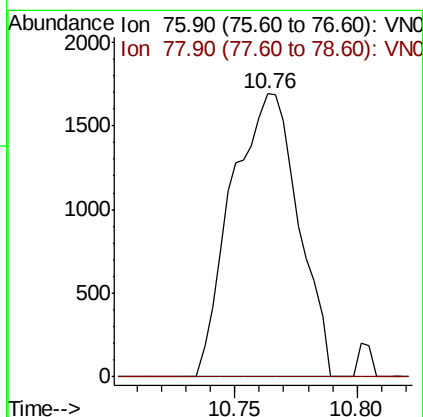
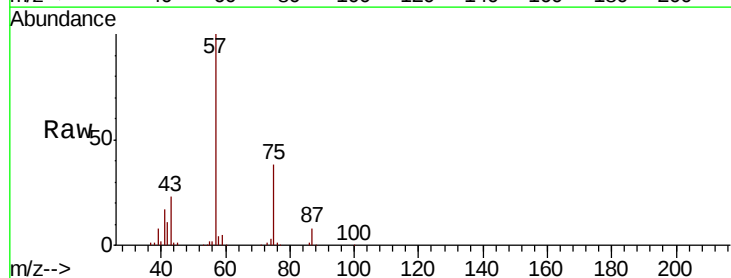
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-O-(1.9)

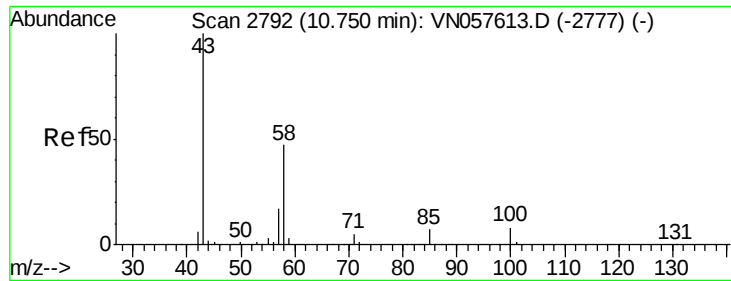
Tgt Ion: 75 Resp: 20994
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.8 37.2#
 39 50.1 55.0 82.4#



#57
 1,3-Dichloropropane
 Concen: 0.600 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN057644.D
 Acq: 1 Sep 2019 15:12

Tgt Ion: 76 Resp: 3208
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.4 38.2#

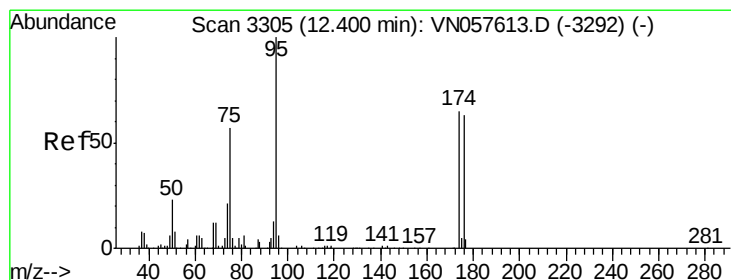
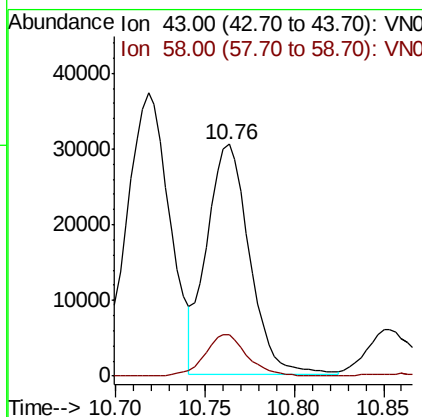
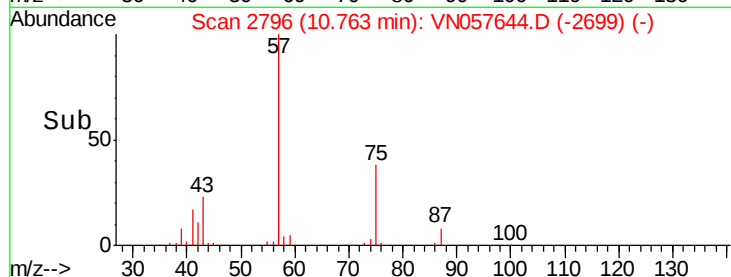
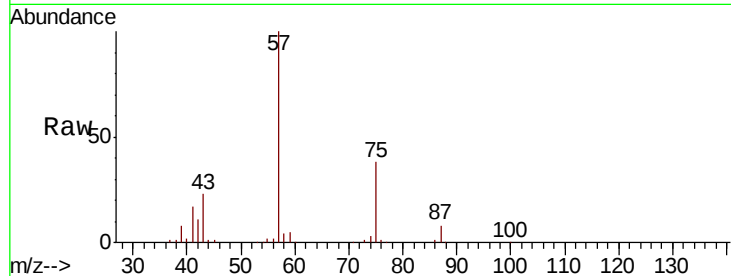




#59
2-Hexanone
Concen: 15.722 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN057644.D
Acq: 1 Sep 2019 15:12

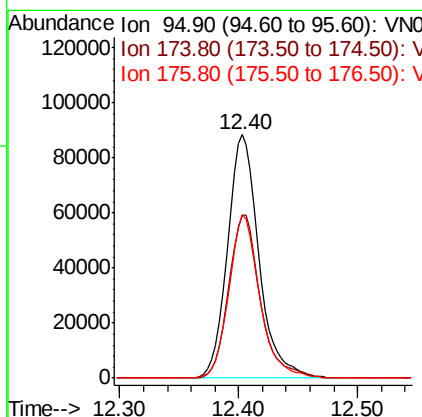
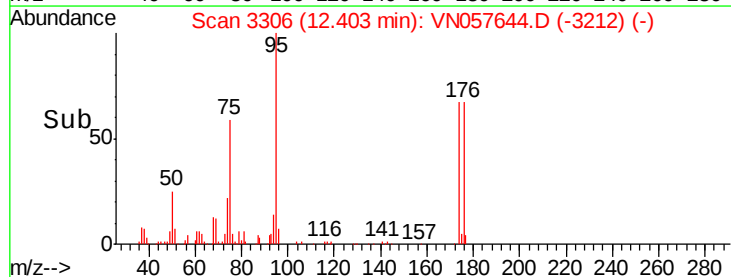
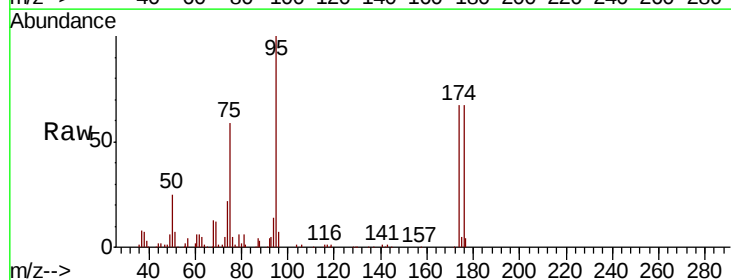
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-O-(1.9)

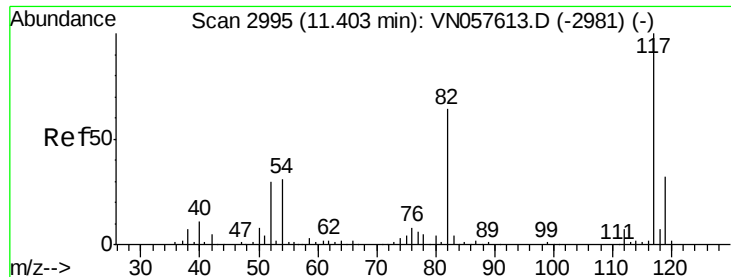
Tgt Ion: 43 Resp: 50645
Ion Ratio Lower Upper
43 100
58 17.7 23.5 70.5#



#62
4-Bromofluorobenzene
Concen: 37.555 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057644.D
Acq: 1 Sep 2019 15:12

Tgt Ion: 95 Resp: 161278
Ion Ratio Lower Upper
95 100
174 67.7 0.0 134.8
176 66.0 0.0 131.6

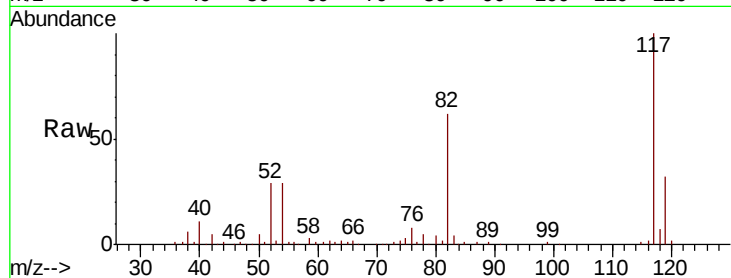




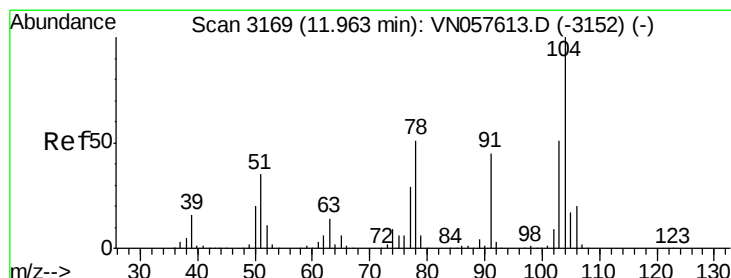
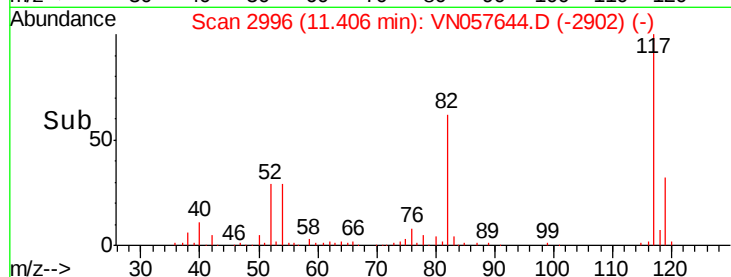
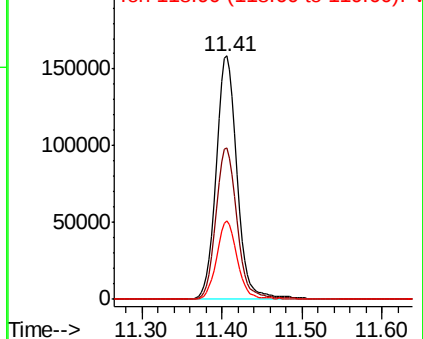
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057644.D
Acq: 1 Sep 2019 15:12

Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-O-(1.9)

Tgt Ion:117 Resp: 289322
Ion Ratio Lower Upper
117 100
82 62.1 51.6 77.4
119 32.2 25.8 38.6

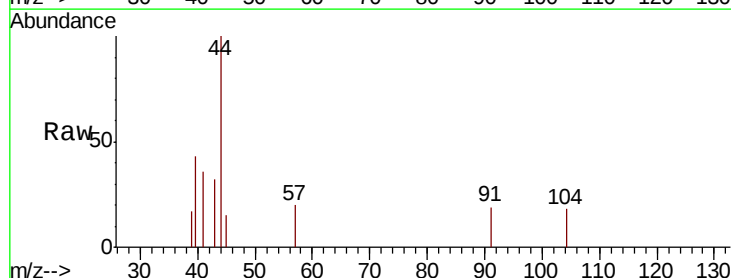


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

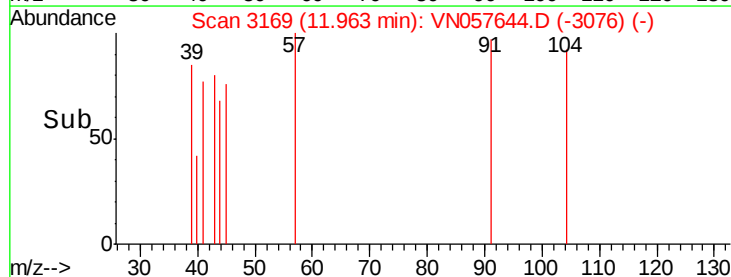
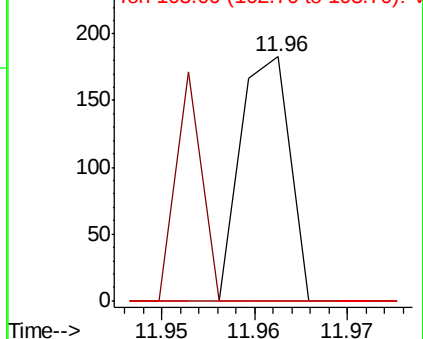


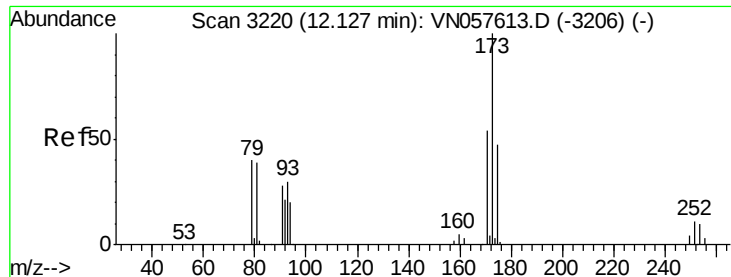
#70
Styrene
Concen: 2.591 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057644.D
Acq: 1 Sep 2019 15:12

Tgt Ion:104 Resp: 68
Ion Ratio Lower Upper
104 100
78 48.5 46.6 70.0
103 0.0 44.7 67.1#



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





#71

Bromoform

Concen: 6.552 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN057644.D

Acq: 1 Sep 2019 15:12

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-O-(1.9)

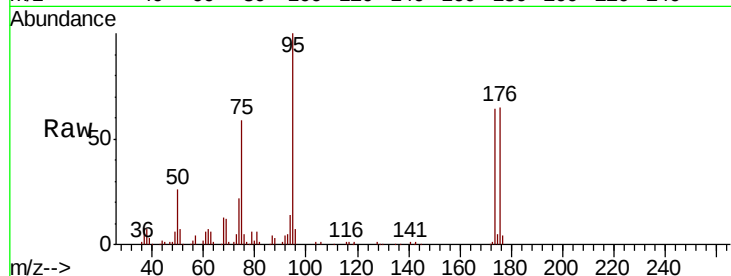
Tgt Ion:173 Resp: 714

Ion Ratio Lower Upper

173 100

175 983.9 24.4 73.4#

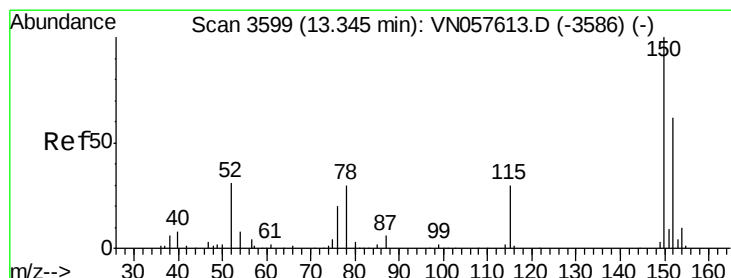
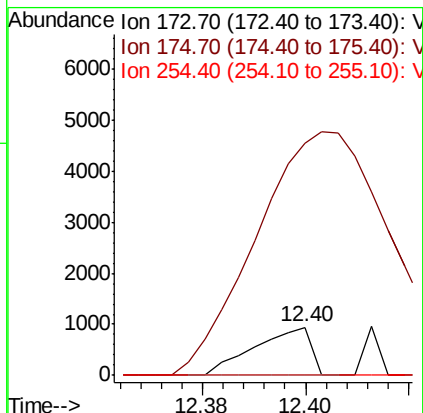
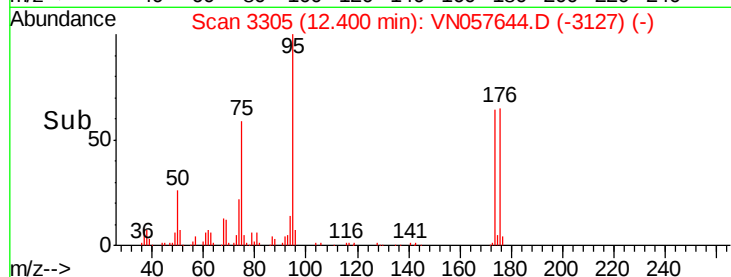
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057644.D

Acq: 1 Sep 2019 15:12

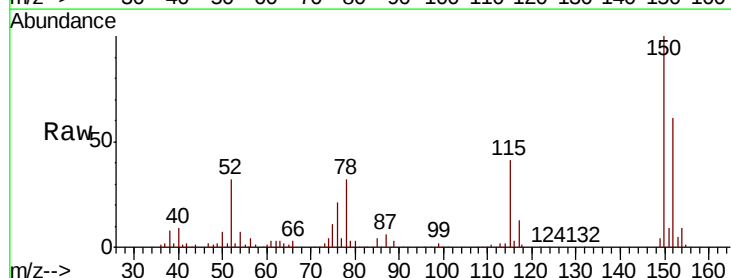
Tgt Ion:152 Resp: 88635

Ion Ratio Lower Upper

152 100

115 66.6 33.2 99.6

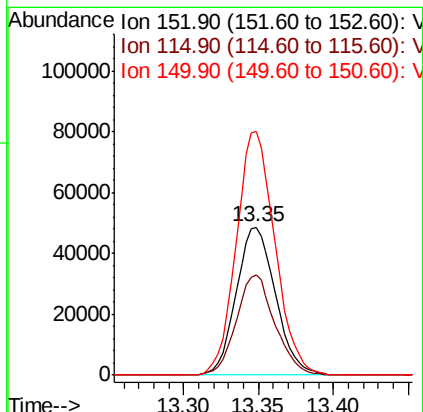
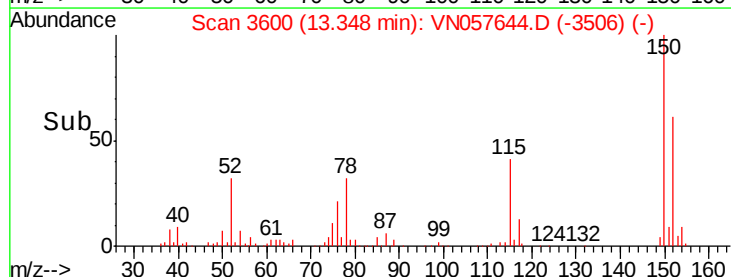
150 162.3 0.0 365.2

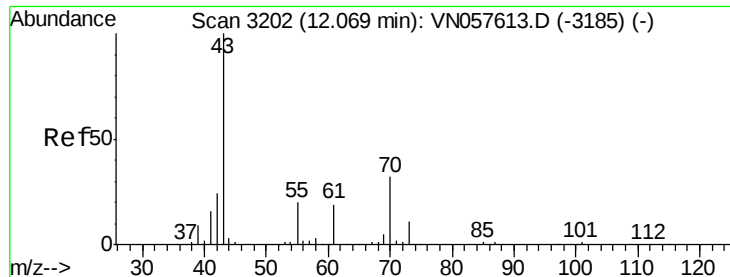


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-ethyl acetate

Concen: 0.371 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN057644.D

Acq: 1 Sep 2019 15:12

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-O-(1.9)

Tgt Ion: 43 Resp: 1565

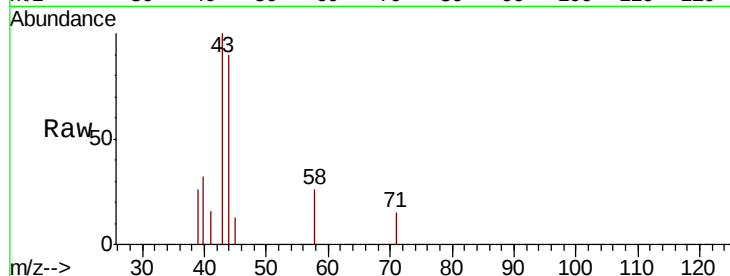
Ion Ratio Lower Upper

43 100

70 0.0 26.9 40.3#

55 7.2 16.8 25.2#

61 4.2 15.1 22.7#

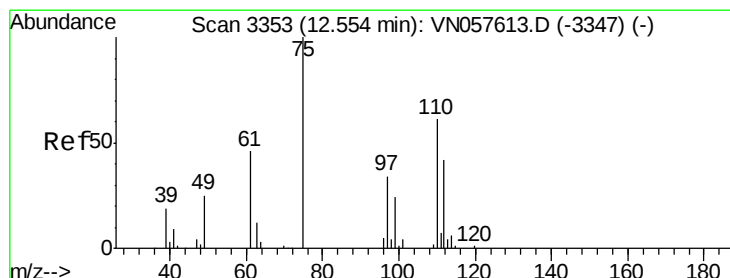
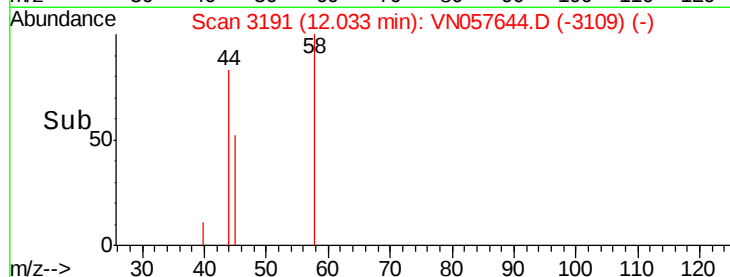
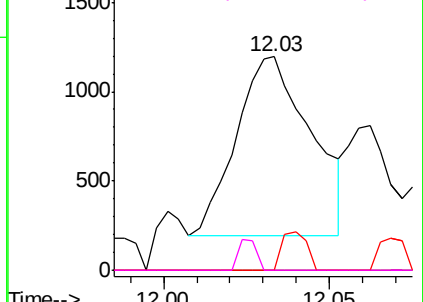


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 40.546 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057644.D

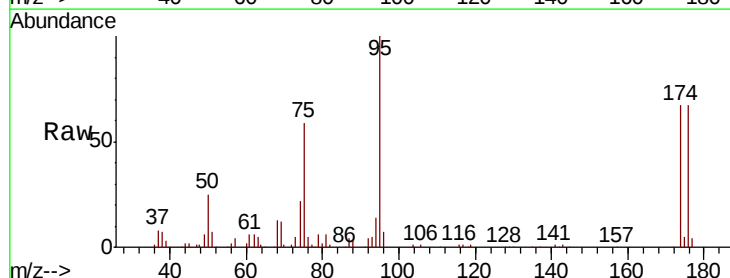
Acq: 1 Sep 2019 15:12

Tgt Ion: 75 Resp: 94532

Ion Ratio Lower Upper

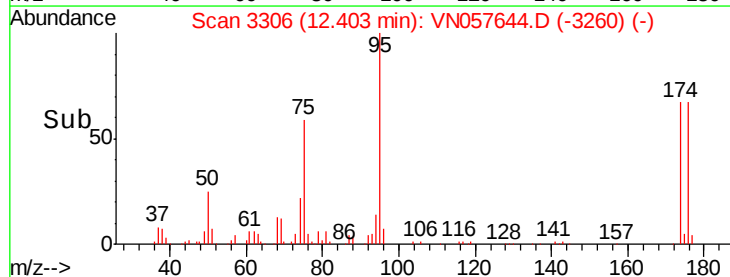
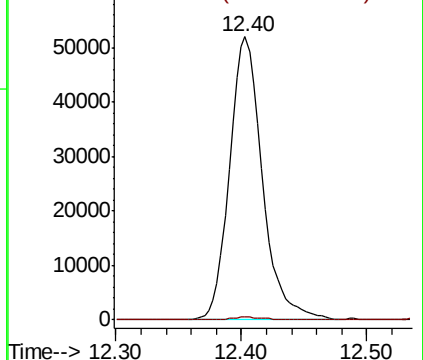
75 100

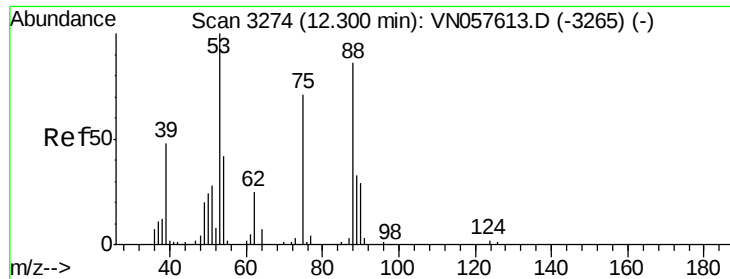
77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#81

trans-1,4-Dichloro-2-butene

Concen: 138.983 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057644.D

Acq: 1 Sep 2019 15:12

Instrument :

MSVOA_N

ClientSampled :

T9-12-13-O-(1.9)

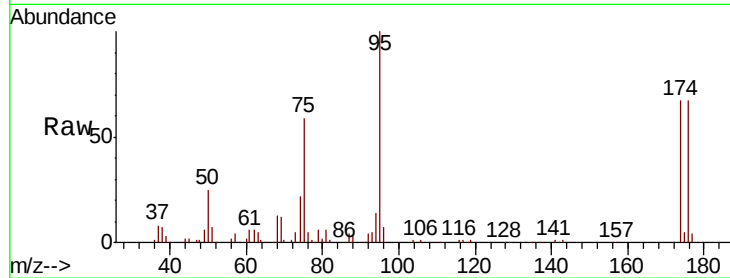
Tgt Ion: 75 Resp: 94532

Ion Ratio Lower Upper

75 100

53 0.0 111.0 166.6#

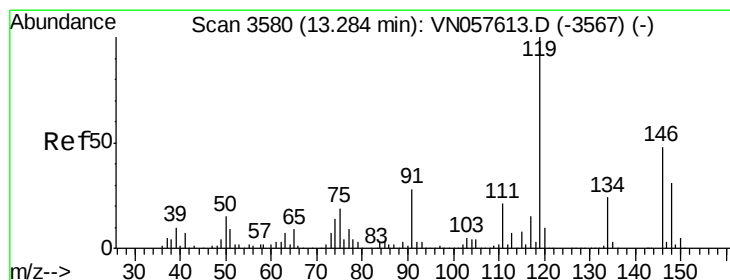
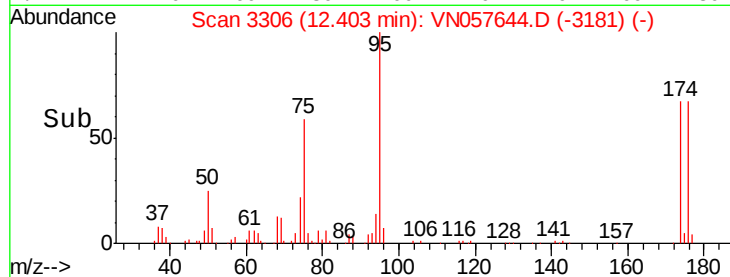
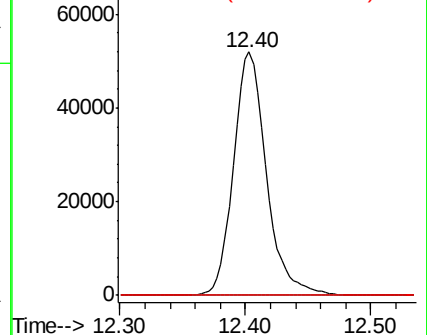
89 0.0 38.3 57.5#



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



#87

1,3-Dichlorobenzene

Concen: 0.248 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.01 min

Lab File: VN057644.D

Acq: 1 Sep 2019 15:12

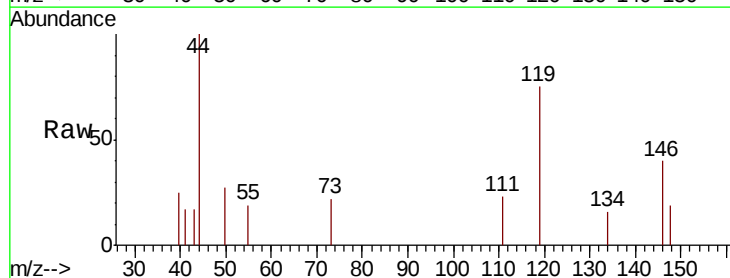
Tgt Ion: 146 Resp: 770

Ion Ratio Lower Upper

146 100

111 32.6 21.8 65.3

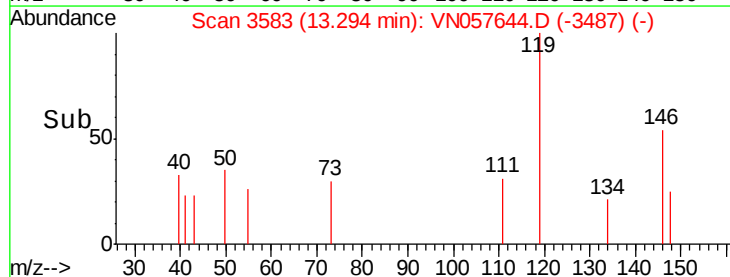
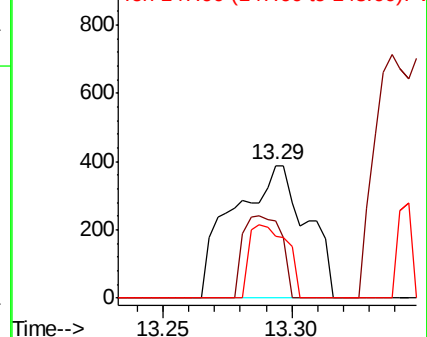
148 28.4 31.4 94.2#

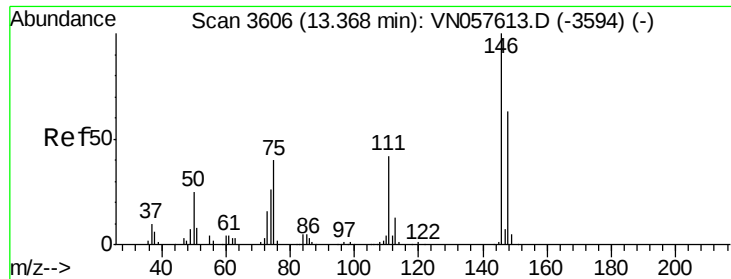


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

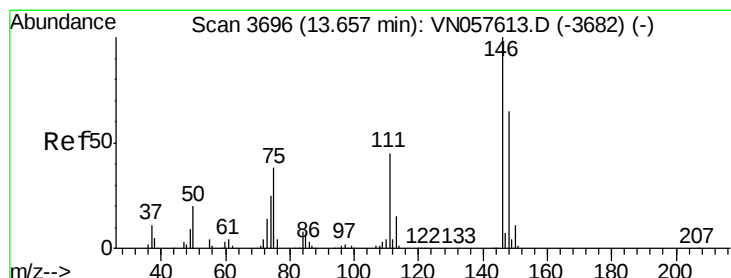
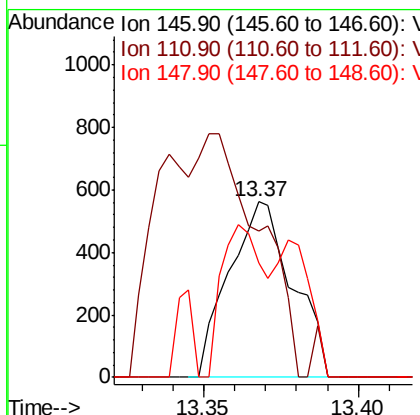
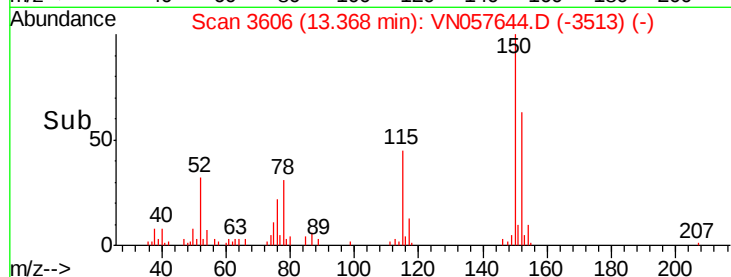
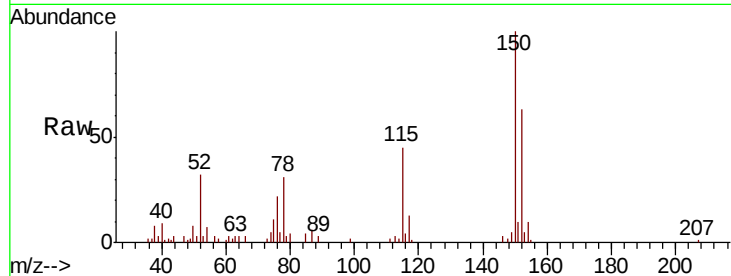




#88
 1,4-Dichlorobenzene
 Concen: 0.268 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN057644.D
 Acq: 1 Sep 2019 15:12

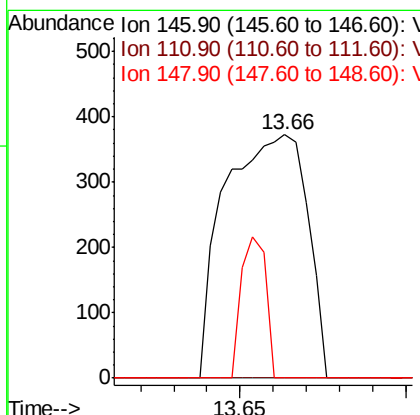
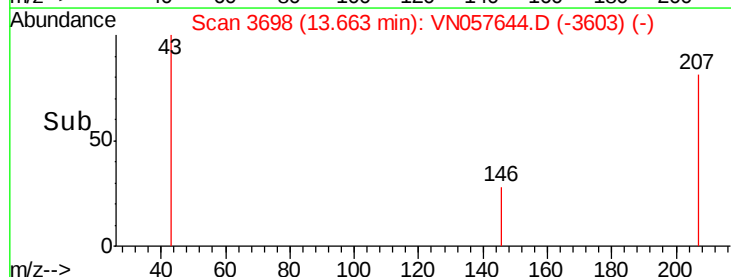
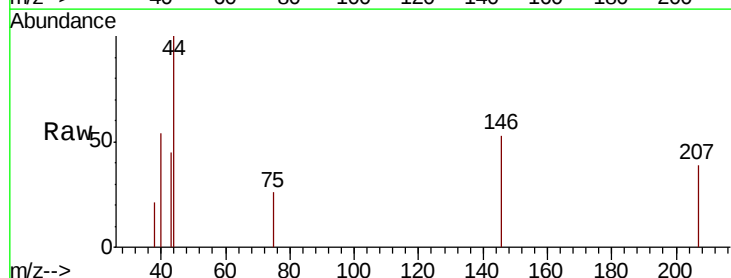
Instrument :
 MSVOA_N
 ClientSampled :
 T9-12-13-O-(1.9)

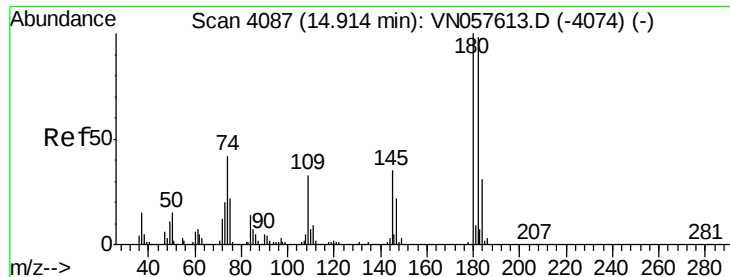
Tgt Ion:146 Resp: 803
 Ion Ratio Lower Upper
 146 100
 111 0.0 21.6 65.0#
 148 57.3 32.2 96.6



#91
 1,2-Dichlorobenzene
 Concen: 0.217 ug/l
 RT: 13.66 min Scan# 3698
 Delta R.T. 0.01 min
 Lab File: VN057644.D
 Acq: 1 Sep 2019 15:12

Tgt Ion:146 Resp: 644
 Ion Ratio Lower Upper
 146 100
 111 0.0 22.1 66.5#
 148 17.2 31.6 94.7#

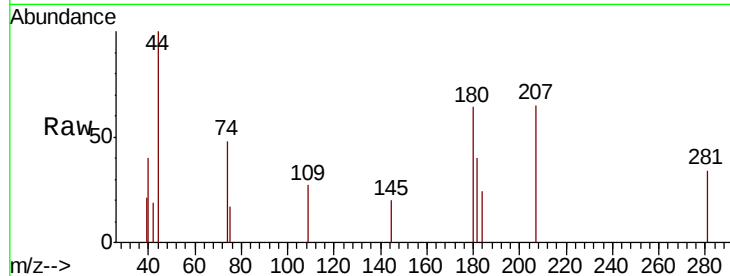




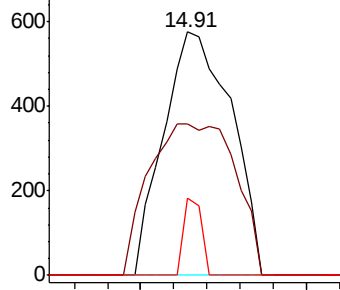
#93
 1,2,4-Trichlorobenzene
 Concen: 8.828 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057644.D
 Acq: 1 Sep 2019 15:12

Instrument :
 MSVOA_N
 ClientSampled :
 T9-12-13-O-(1.9)

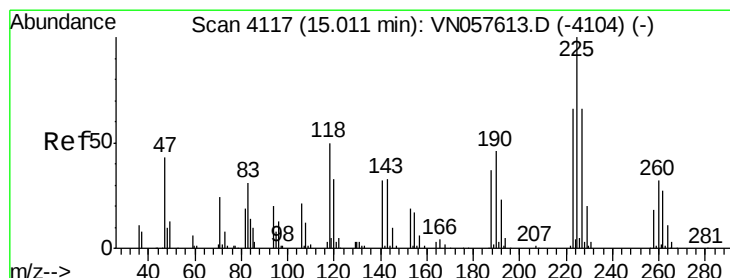
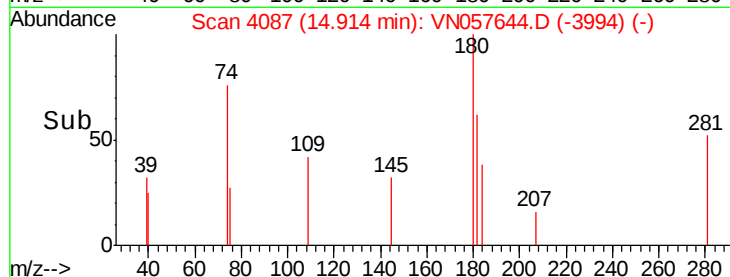
Tgt Ion:180 Resp: 820
 Ion Ratio Lower Upper
 180 100
 182 79.4 47.8 143.3
 145 8.3 16.9 50.7#



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

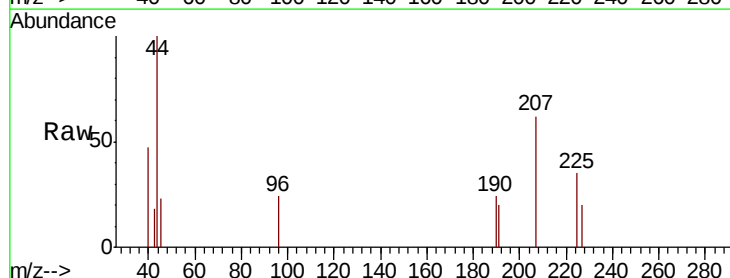


Time-->

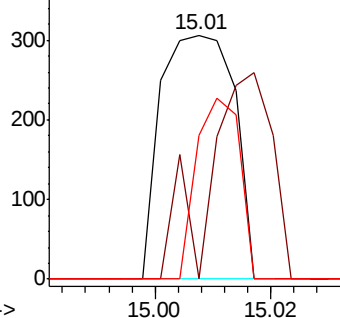


#94
 Hexachlorobutadiene
 Concen: 0.265 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN057644.D
 Acq: 1 Sep 2019 15:12

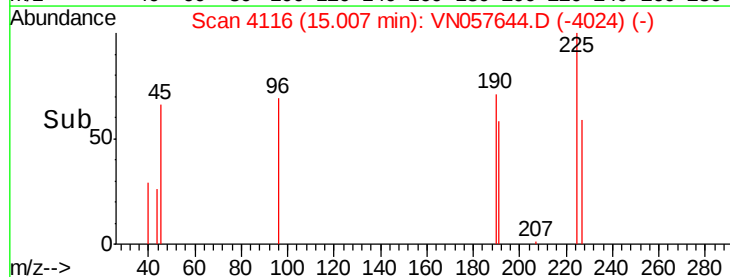
Tgt Ion:225 Resp: 269
 Ion Ratio Lower Upper
 225 100
 223 73.2 32.3 96.8
 227 44.2 32.4 97.2

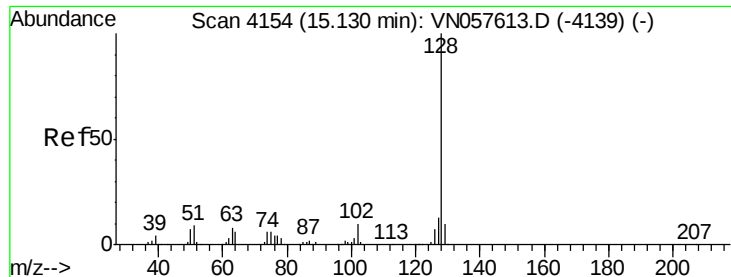


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 7.258 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN057644.D

Acq: 1 Sep 2019 15:12

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-O-(1.9)

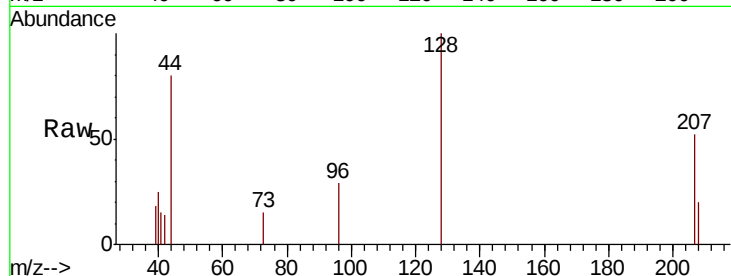
Tgt Ion:128 Resp: 1573

Ion Ratio Lower Upper

128 100

127 6.1 10.2 15.2#

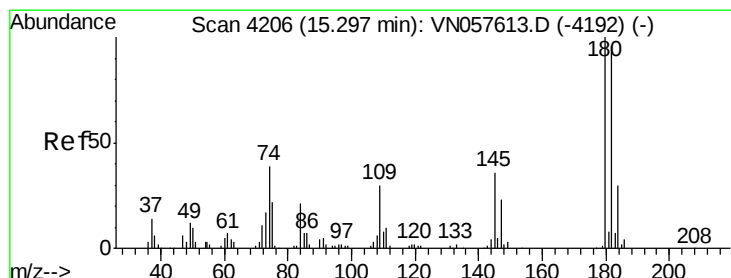
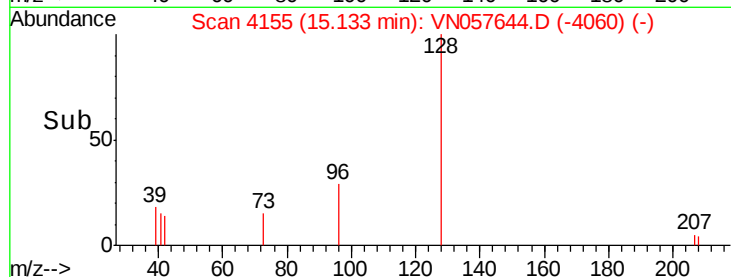
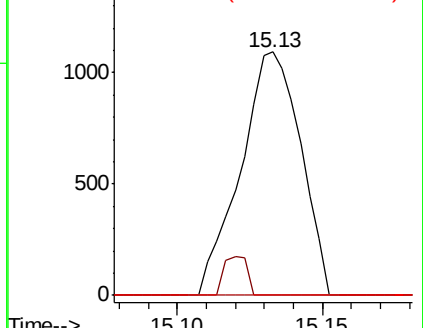
129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 8.396 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN057644.D

Acq: 1 Sep 2019 15:12

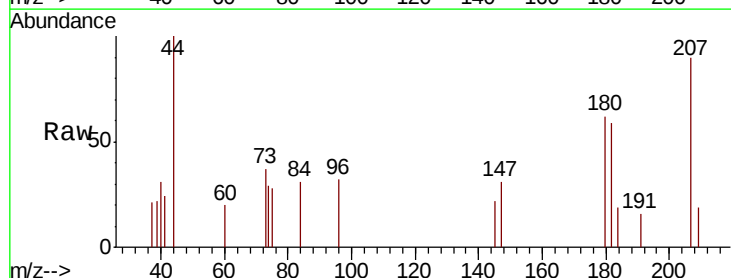
Tgt Ion:180 Resp: 961

Ion Ratio Lower Upper

180 100

182 90.0 46.3 138.9

145 11.8 17.8 53.3#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

