

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102419\
 Data File : VN058926.D
 Acq On : 23 Oct 2019 13:56
 Operator : JC/SP
 Sample : K5152-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 24 01:12:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	304105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	481675	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	453543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	165978	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	228275	51.18	ug/l	0.00
Spiked Amount			Recovery	=	102.36%	
35) Dibromofluoromethane	7.57	113	162521	51.32	ug/l	0.00
Spiked Amount			Recovery	=	102.64%	
50) Toluene-d8	10.09	98	627170	51.02	ug/l	0.00
Spiked Amount			Recovery	=	102.04%	
62) 4-Bromofluorobenzene	12.40	95	199918	44.28	ug/l	0.00
Spiked Amount			Recovery	=	88.56%	

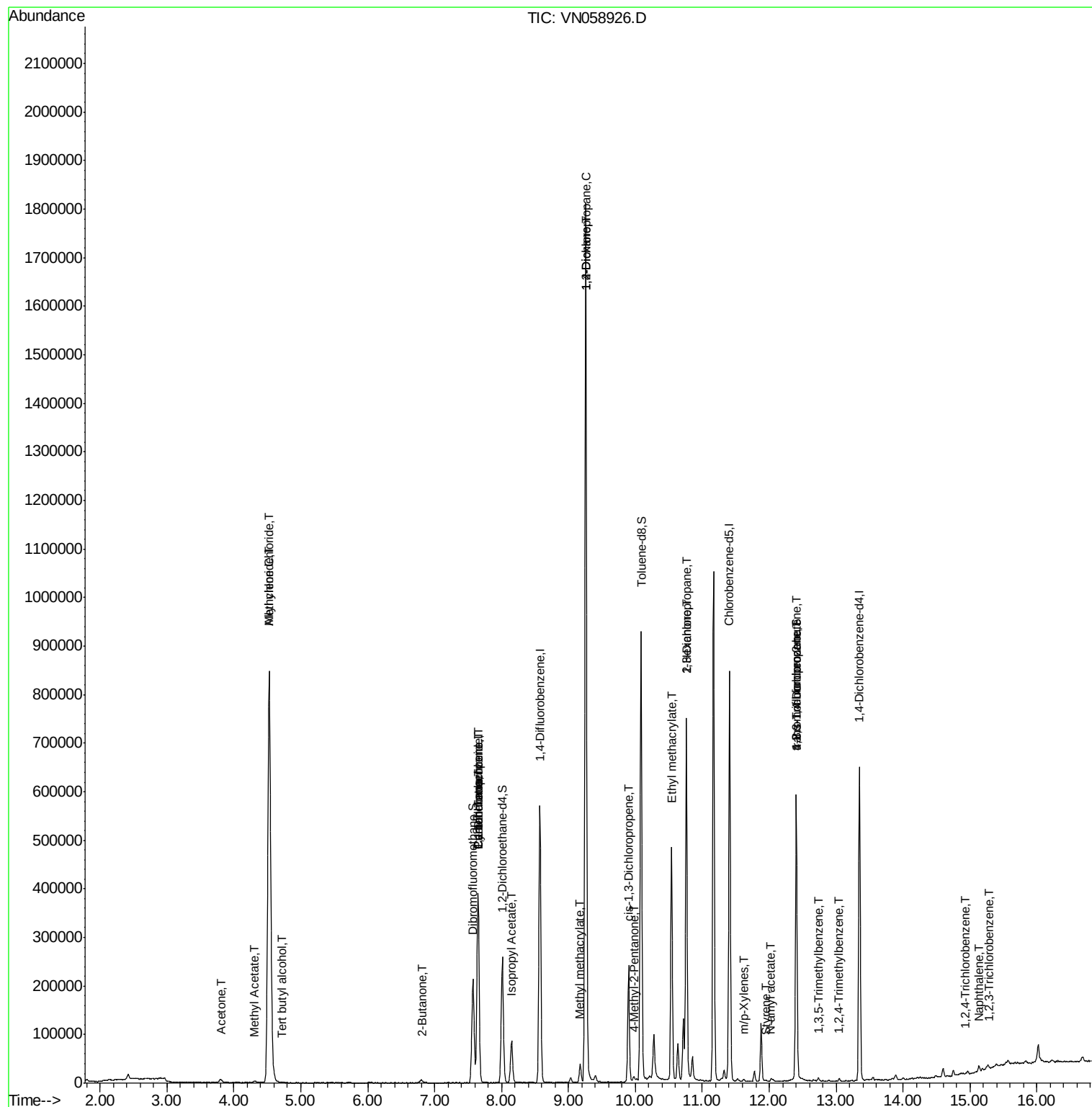
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.72	59	670	0.905	ug/l #	72
14) Allyl chloride	4.53	41	24322	4.009	ug/l #	25
16) Acetone	3.80	43	12851	5.831	ug/l #	84
18) Methyl Acetate	4.31	43	5816	1.161	ug/l	91
20) Methylene Chloride	4.53	84	621213	165.071	ug/l	99
25) 2-Butanone	6.82	43	1001	0.350	ug/l #	51
31) Cyclohexane	7.65	56	7166	1.118	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	26706	5.416	ug/l #	51
38) Carbon Tetrachloride	7.65	117	30214	5.947	ug/l #	17
43) Isopropyl Acetate	8.15	43	101414	11.768	ug/l #	91
45) 1,2-Dichloropropane	9.26	63	2149	0.541	ug/l #	44
48) Methyl methacrylate	9.17	41	5663	1.448	ug/l #	14
49) 1,4-Dioxane	9.26	88	110	1.714	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	5825	1.157	ug/l	94
54) cis-1,3-Dichloropropene	9.90	75	39384	6.436	ug/l #	70
56) Ethyl methacrylate	10.54	69	2263	2.462	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	7053	1.136	ug/l #	43
59) 2-Hexanone	10.76	43	115841	29.783	ug/l #	52
68) m/p-Xylenes	11.62	106	1272	0.212	ug/l	86
70) Styrene	11.96	104	141	1.727	ug/l #	42
74) N-amyl acetate	12.03	43	4044	0.735	ug/l #	50
76) 1,2,3-Trichloropropane	12.40	75	105710	27.481	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	3693	0.362	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.40	75	105710	71.589	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.04	105	3565	0.355	ug/l	86
93) 1,2,4-Trichlorobenzene	14.92	180	29	2.529	ug/l #	1
95) Naphthalene	15.13	128	7712	3.000	ug/l	98
96) 1,2,3-Trichlorobenzene	15.29	180	31	2.404	ug/l #	1

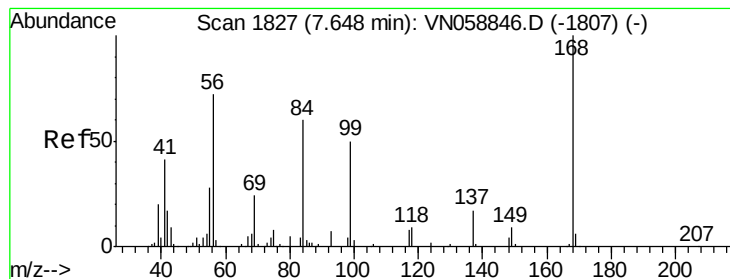
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058926.D

Acq: 23 Oct 2019 13:56

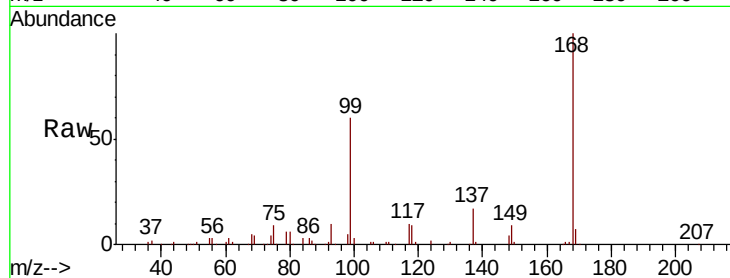
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 304105

Ion Ratio Lower Upper

168 100

99 60.0 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

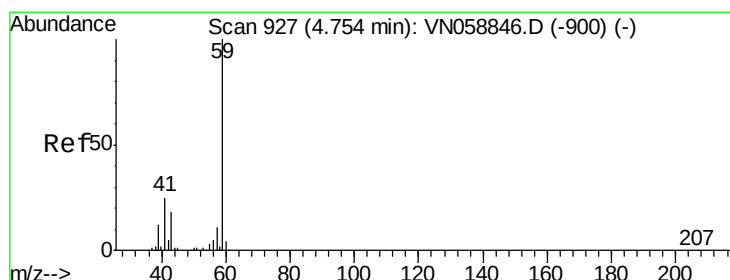
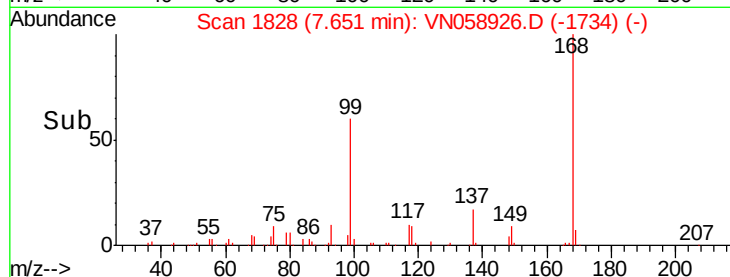
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.905 ug/l

RT: 4.72 min Scan# 917

Delta R.T. -0.03 min

Lab File: VN058926.D

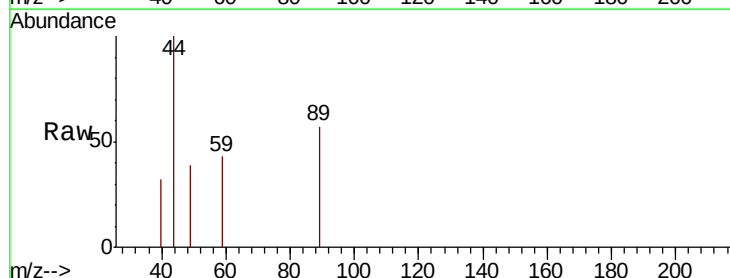
Acq: 23 Oct 2019 13:56

Tgt Ion: 59 Resp: 670

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.72

300

250

200

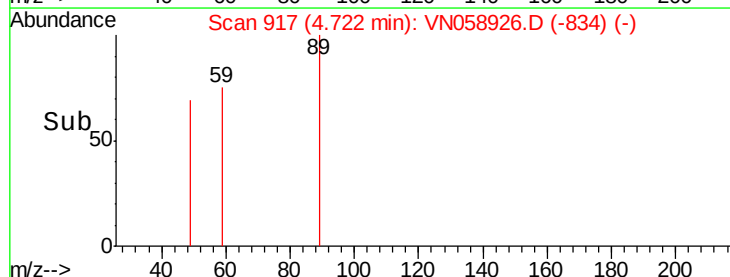
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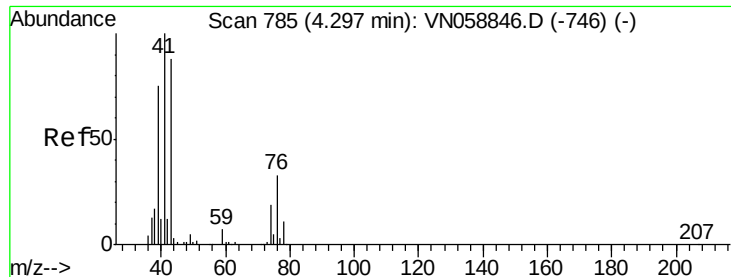
100

50

0

Time-->

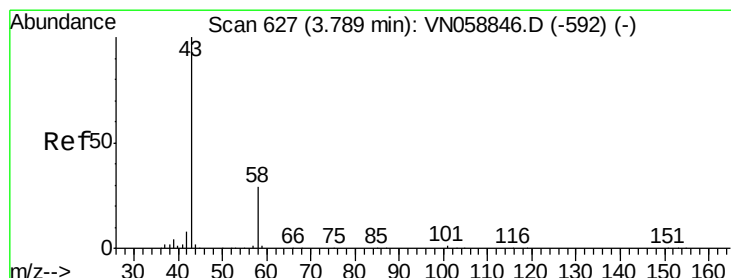
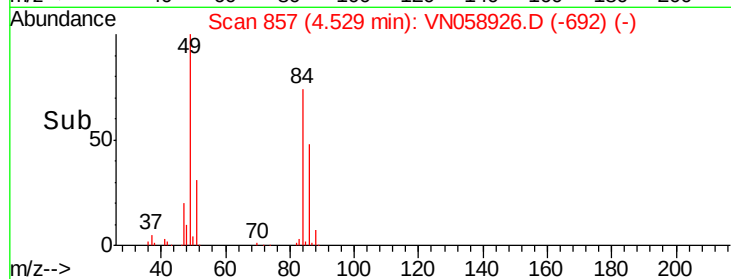
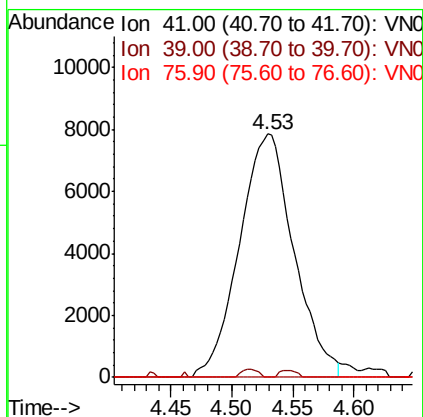
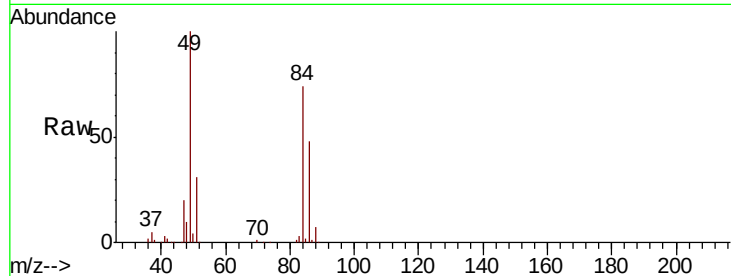




#14
Allvl chloride
Concen: 4.009 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.23 min
Lab File: VN058926.D
Acq: 23 Oct 2019 13:56

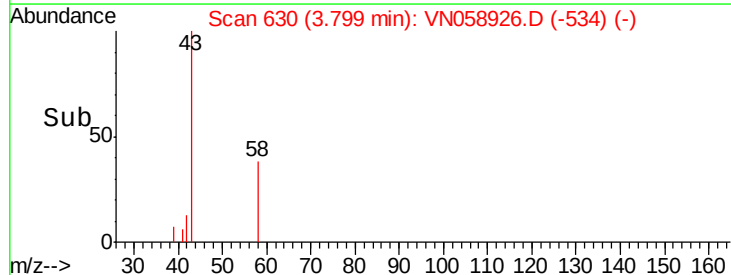
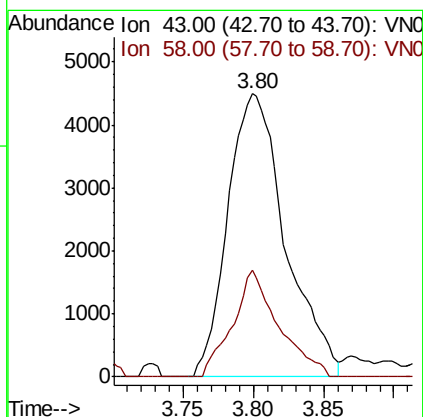
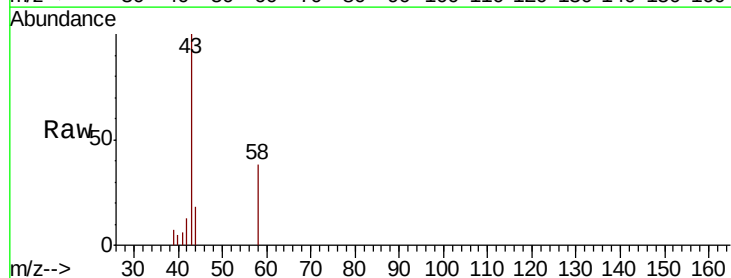
Instrument :
MSVOA_N
ClientSampled :

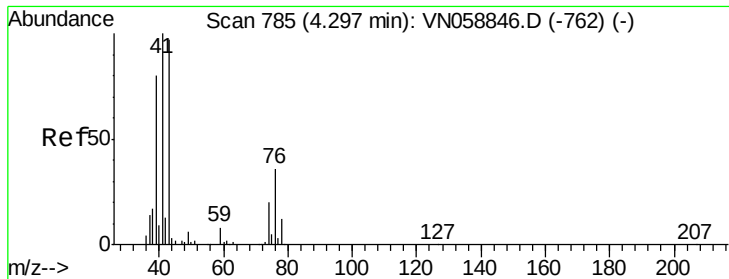
Tot Ion: 41 Resp: 24322
Ion Ratio Lower Upper
41 100
39 1.0 55.9 83.9#
76 0.0 24.1 36.1#



#16
Acetone
Concen: 5.831 ug/l
RT: 3.80 min Scan# 630
Delta R.T. 0.01 min
Lab File: VN058926.D
Acq: 23 Oct 2019 13:56

Tgt Ion: 43 Resp: 12851
Ion Ratio Lower Upper
43 100
58 37.5 23.1 34.7#

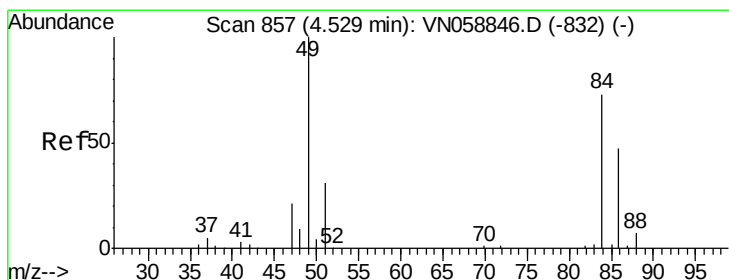
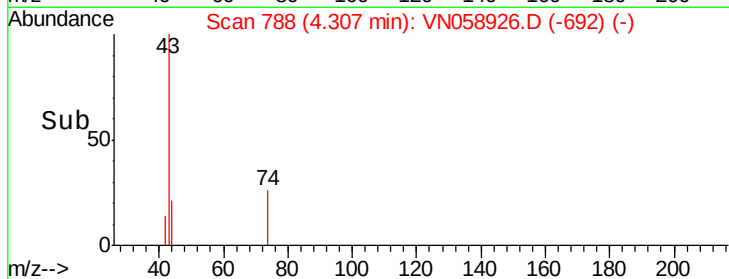
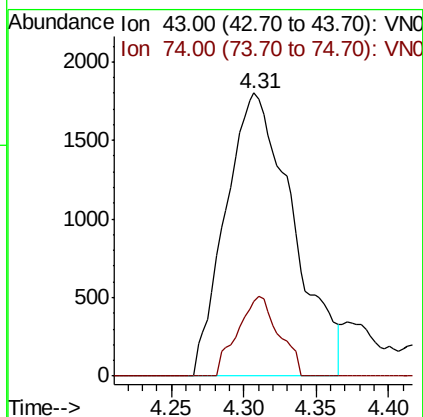
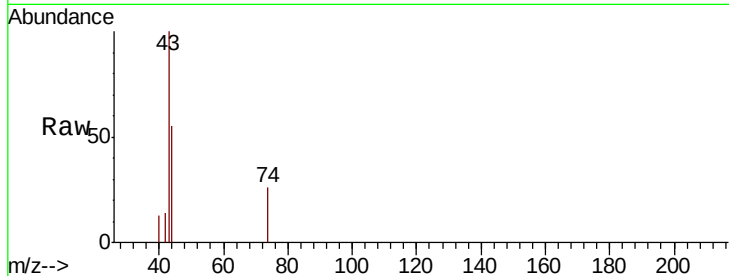




#18
Methyl Acetate
Concen: 1.161 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.01 min
Lab File: VN058926.D
Acq: 23 Oct 2019 13:56

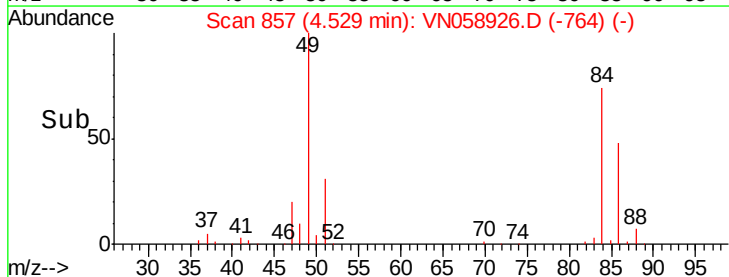
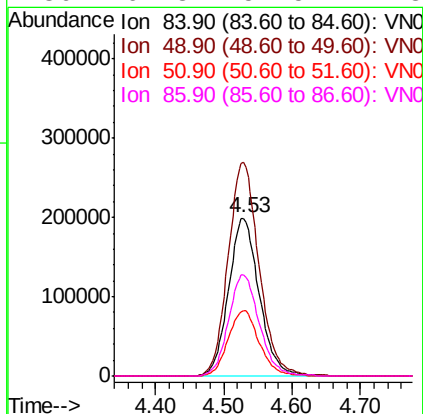
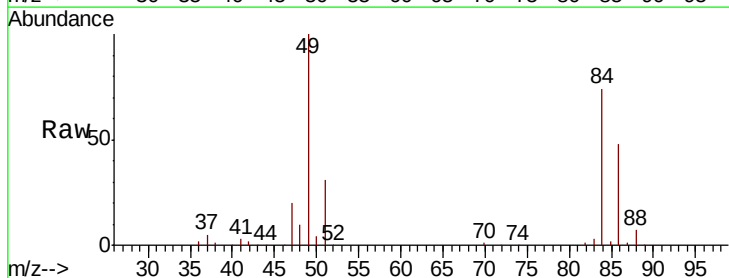
Instrument :
MSVOA_N
ClientSampleId :

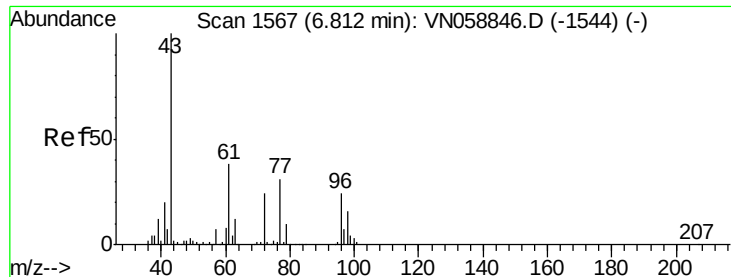
Tot Ion: 43 Resp: 5816
Ion Ratio Lower Upper
43 100
74 17.2 17.1 25.7



#20
Methylene Chloride
Concen: 165.071 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058926.D
Acq: 23 Oct 2019 13:56

Tgt Ion: 84 Resp: 621213
Ion Ratio Lower Upper
84 100
49 135.3 109.6 164.4
51 41.6 33.8 50.6
86 64.3 51.5 77.3

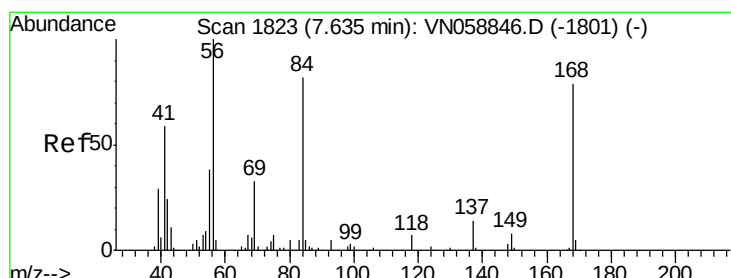
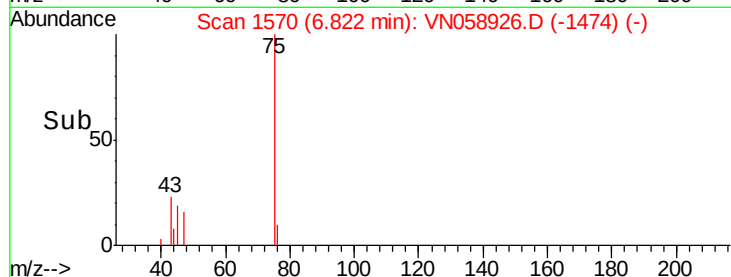
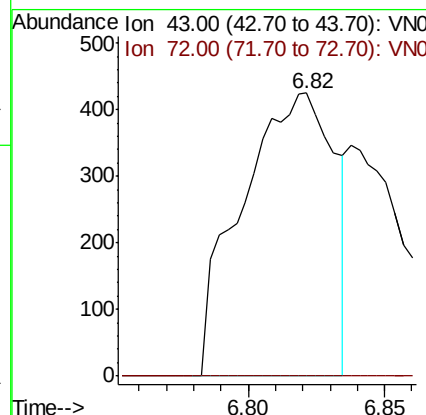
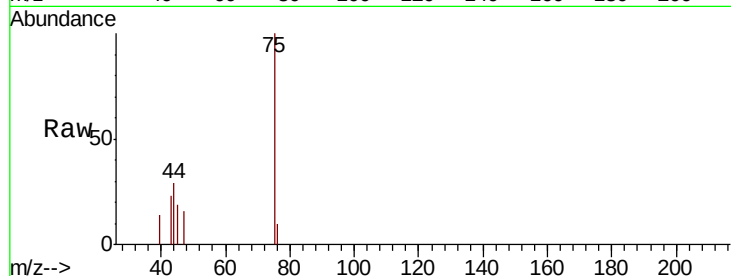




#25
2-Butanone
Concen: 0.350 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN058926.D
Acq: 23 Oct 2019 13:56

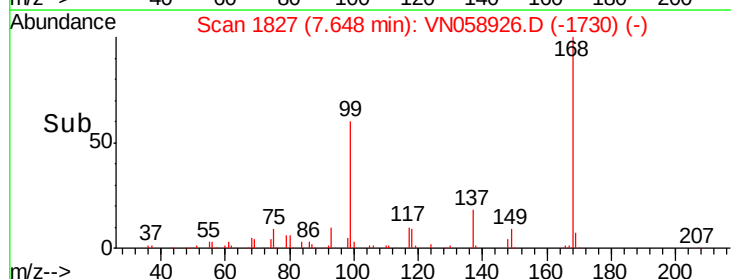
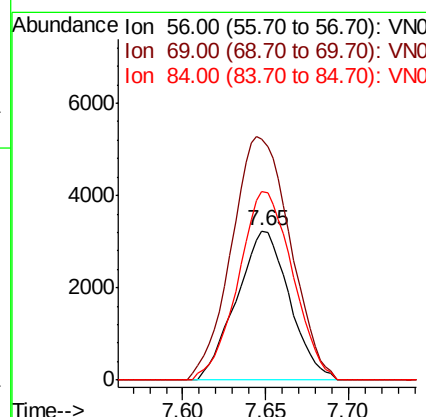
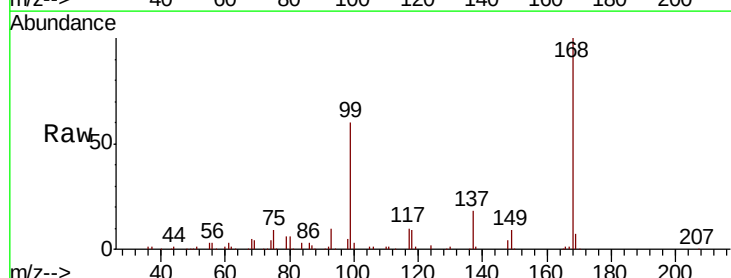
Instrument :
MSVOA_N
ClientSampled :

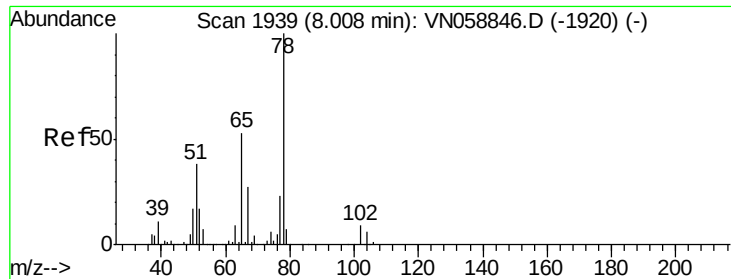
Tot Ion: 43 Resp: 1001
Ion Ratio Lower Upper
43 100
72 0.0 19.1 28.7#



#31
Cyclohexane
Concen: 1.118 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN058926.D
Acq: 23 Oct 2019 13:56

Tgt Ion: 56 Resp: 7166
Ion Ratio Lower Upper
56 100
69 161.5 26.2 39.4#
84 126.6 65.6 98.4#

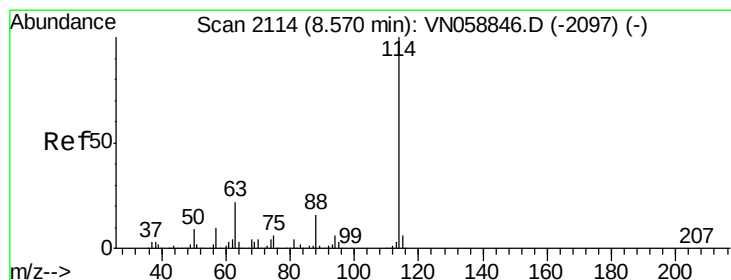
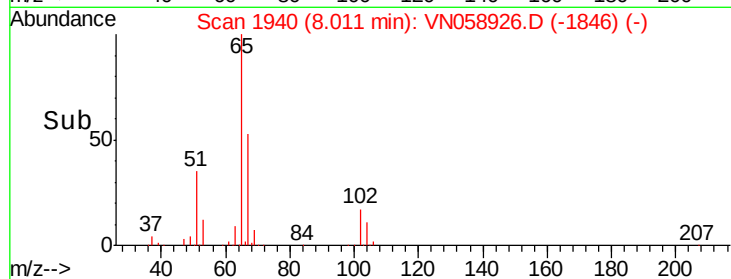
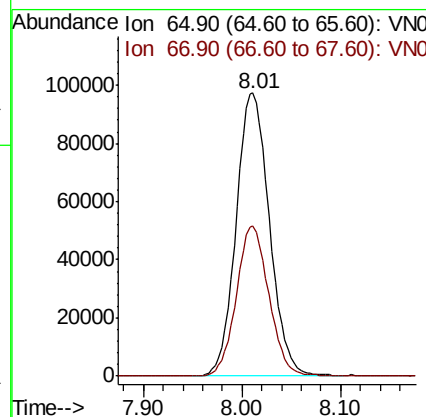
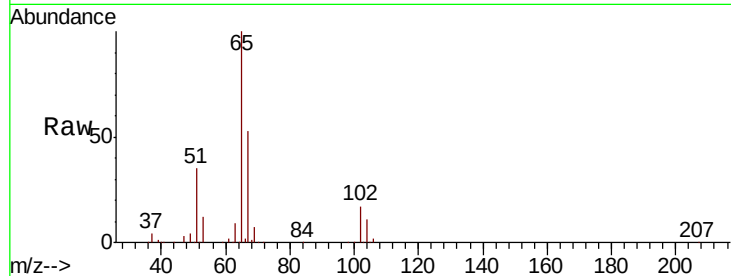




#33
 1,2-Dichloroethane-d4
 Concen: 51.181 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058926.D
 Acq: 23 Oct 2019 13:56

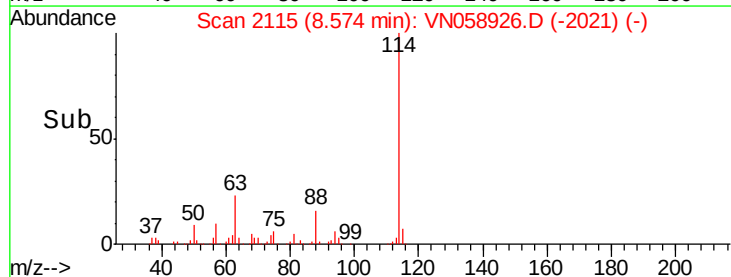
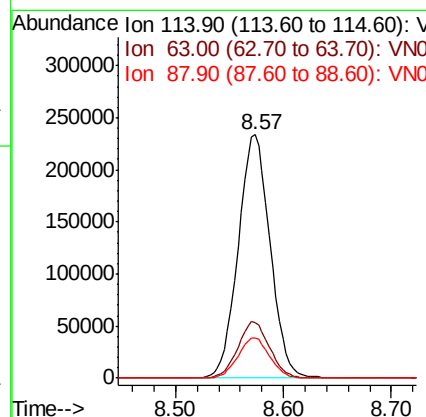
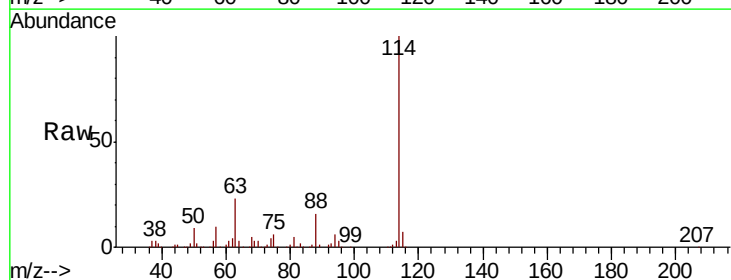
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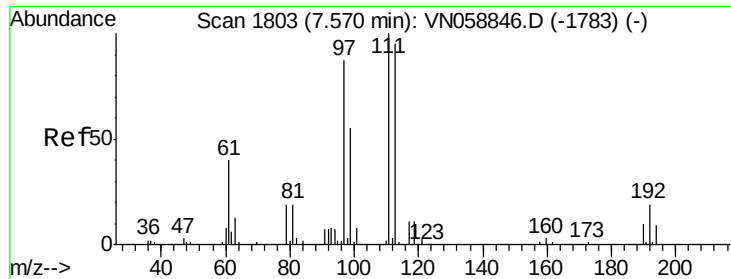
Tot Ion: 65 Resp: 228275
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058926.D
 Acq: 23 Oct 2019 13:56

Tgt Ion: 114 Resp: 481675
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 44.4
 88 16.4 0.0 31.4

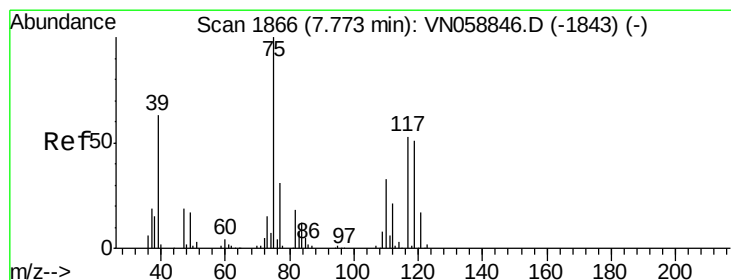
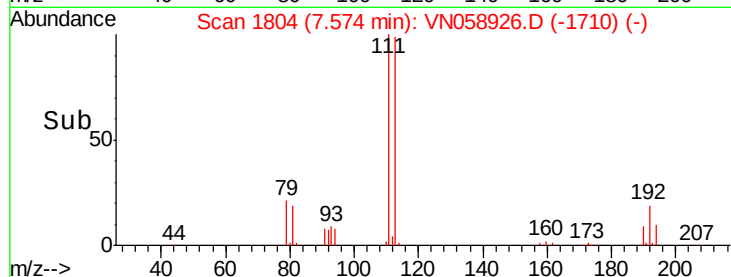
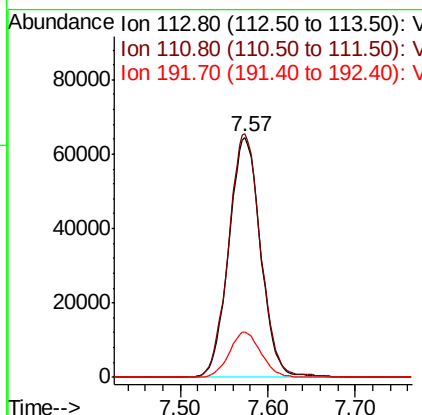
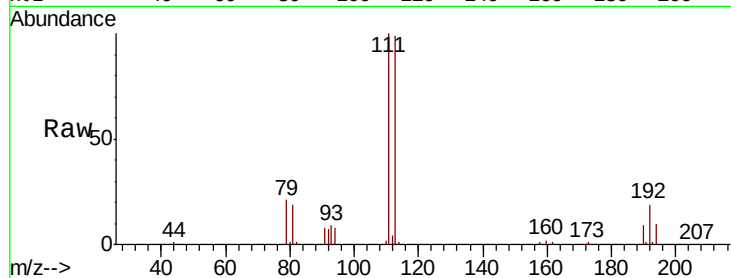




#35
 Dibromofluoromethane
 Concen: 51.319 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058926.D
 Acq: 23 Oct 2019 13:56

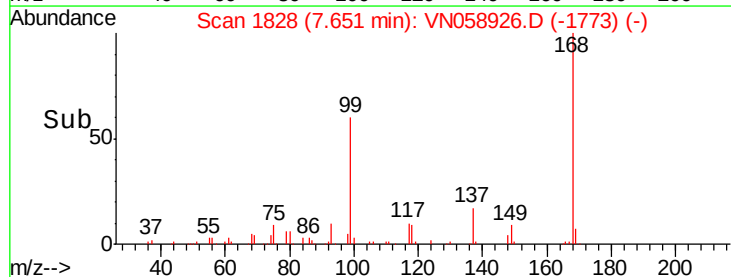
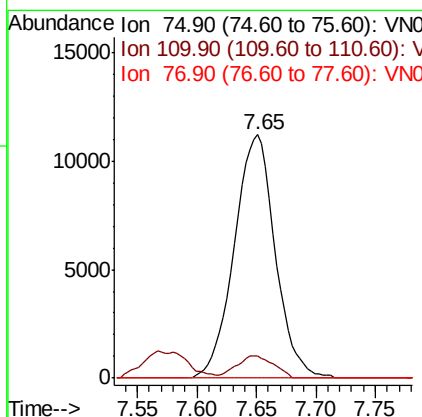
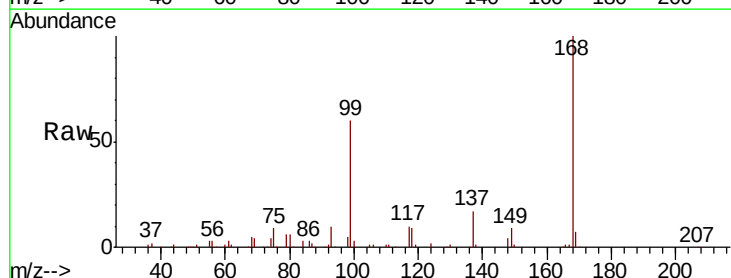
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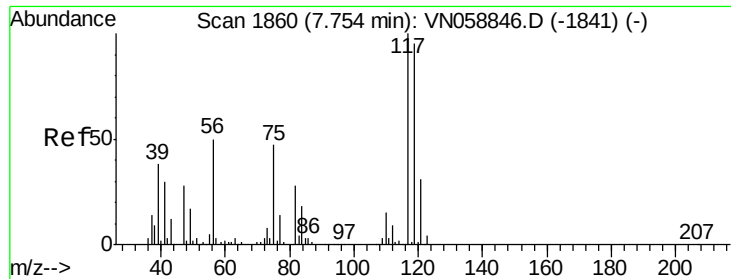
Tot Ion:113 Resp: 162521
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.0 123.0
 192 18.7 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 5.416 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.12 min
 Lab File: VN058926.D
 Acq: 23 Oct 2019 13:56

Tgt Ion: 75 Resp: 26706
 Ion Ratio Lower Upper
 75 100
 110 8.4 16.3 48.9#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 5.947 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.10 min

Lab File: VN058926.D

Acq: 23 Oct 2019 13:56

Instrument :

MSVOA_N

ClientSampled :

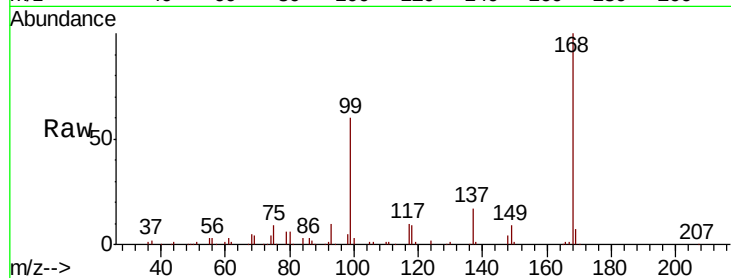
Tot Ion:117 Resp: 30214

Ion Ratio Lower Upper

117 100

119 5.7 75.7 113.5#

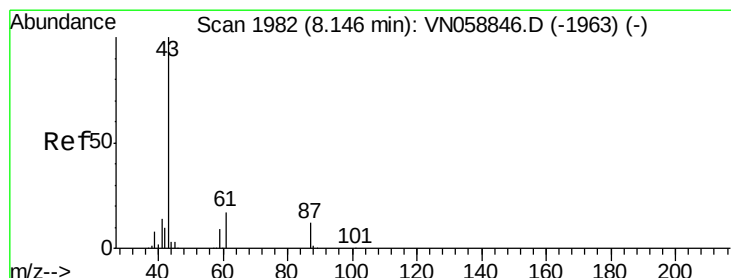
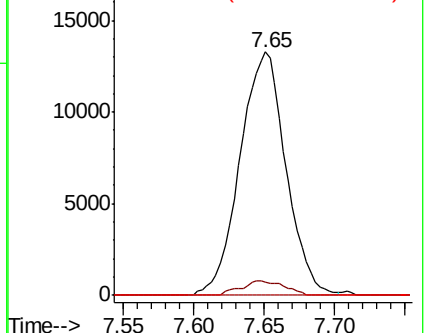
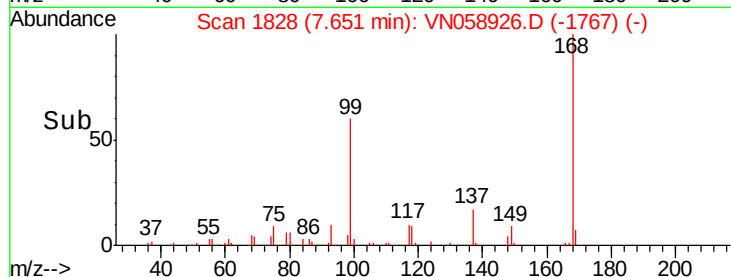
121 0.0 25.0 37.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 11.768 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN058926.D

Acq: 23 Oct 2019 13:56

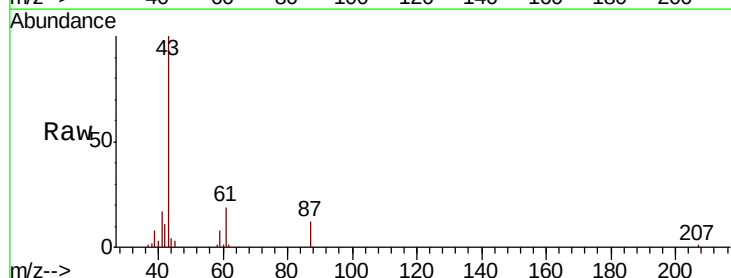
Tgt Ion: 43 Resp: 101414

Ion Ratio Lower Upper

43 100

61 18.8 20.2 30.2#

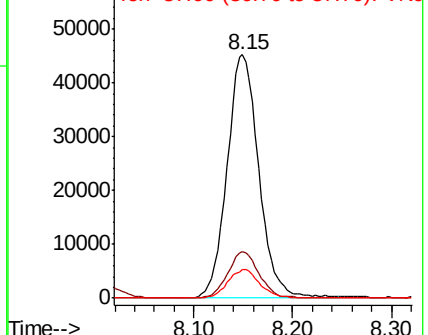
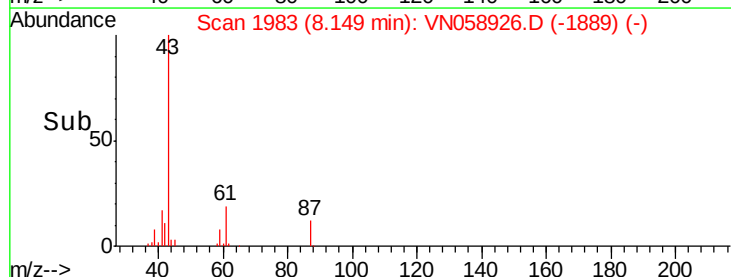
87 11.7 9.5 14.3

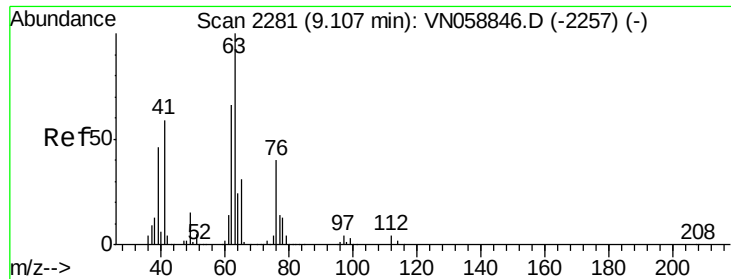


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

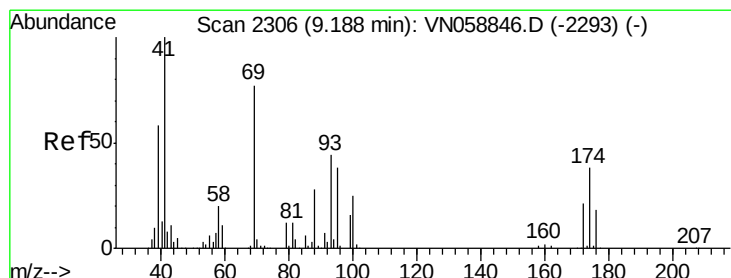
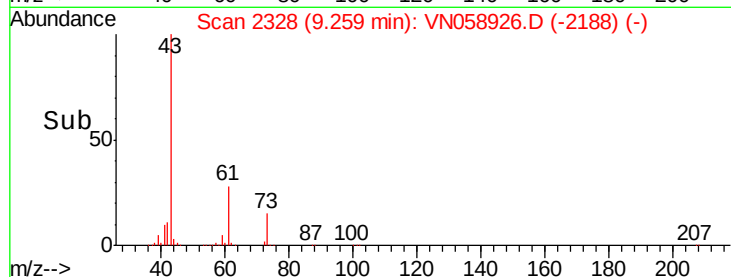
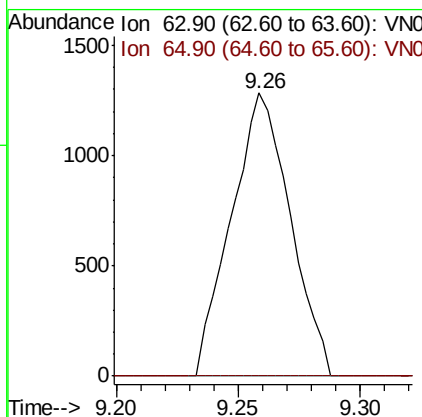
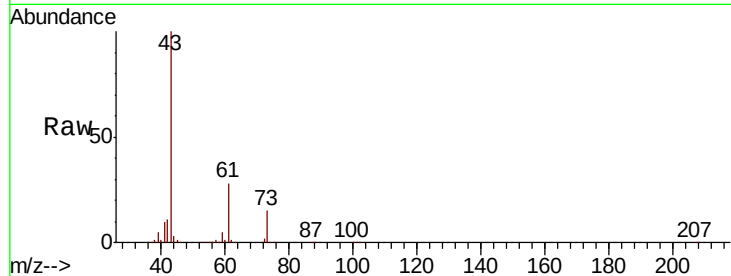




#45
 1,2-Dichloropropane
 Concen: 0.541 ug/l
 RT: 9.26 min Scan# 2328
 Delta R.T. 0.15 min
 Lab File: VN058926.D
 Acq: 23 Oct 2019 13:56

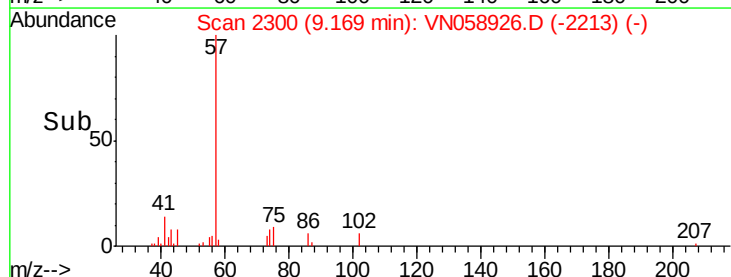
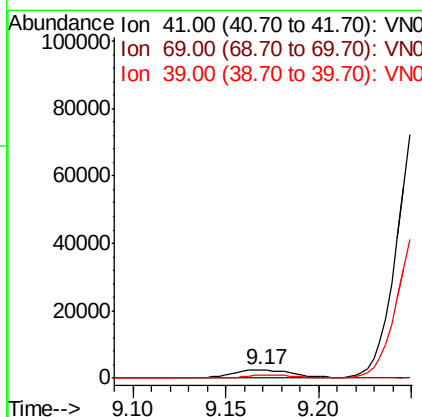
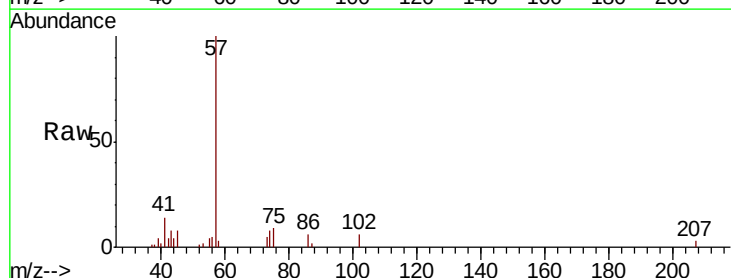
Instrument :
 MSVOA_N
 ClientSampleId :

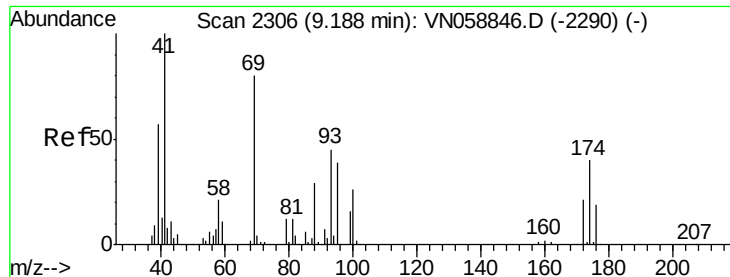
Tot Ion: 63 Resp: 2149
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.5 36.7#



#48
 Methyl methacrylate
 Concen: 1.448 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. -0.02 min
 Lab File: VN058926.D
 Acq: 23 Oct 2019 13:56

Tgt Ion: 41 Resp: 5663
 Ion Ratio Lower Upper
 41 100
 69 0.0 63.8 95.6#
 39 0.0 47.8 71.8#





#49

1,4-Dioxane

Concen: 1.714 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.07 min

Lab File: VN058926.D

Acq: 23 Oct 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

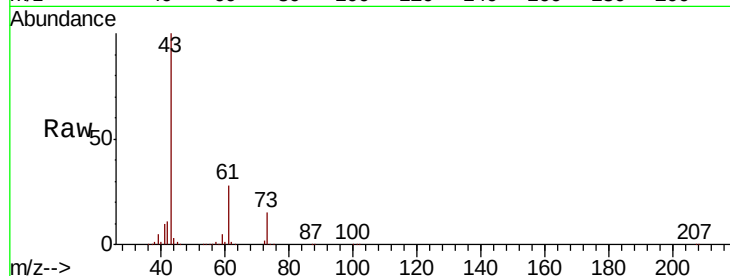
Tot Ion: 88 Resp: 110

Ion Ratio Lower Upper

88 100

43 1617538.2 29.1 43.7#

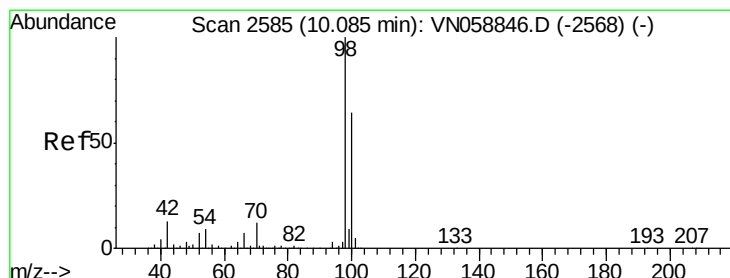
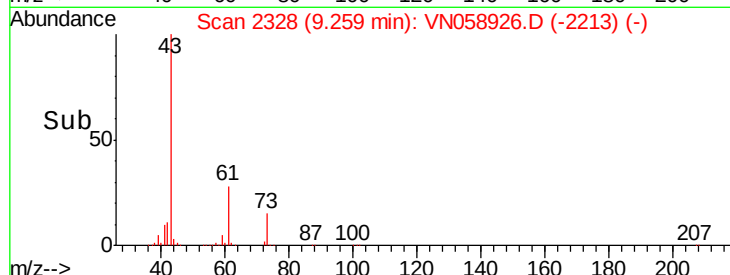
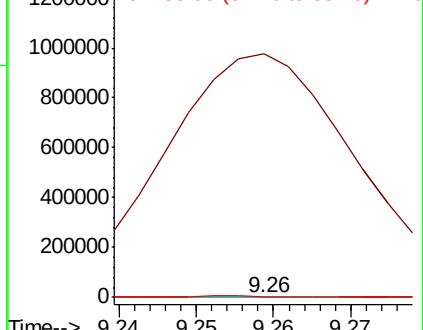
58 7973.6 59.4 89.0#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 51.017 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058926.D

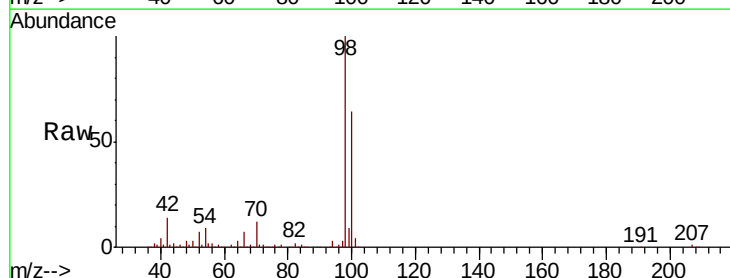
Acq: 23 Oct 2019 13:56

Tgt Ion: 98 Resp: 627170

Ion Ratio Lower Upper

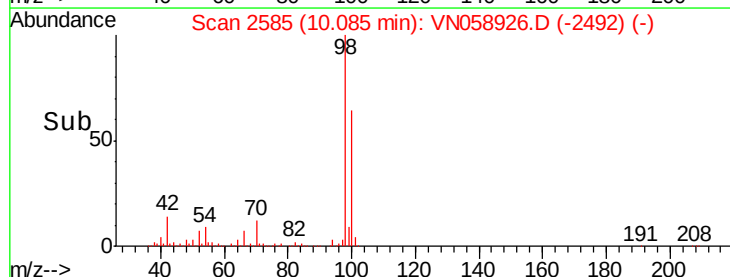
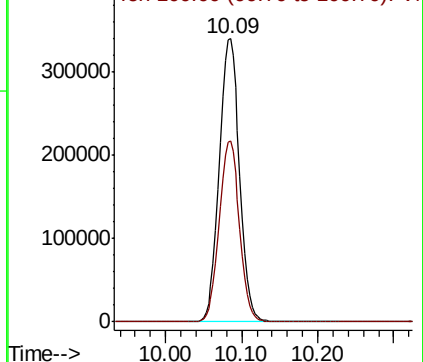
98 100

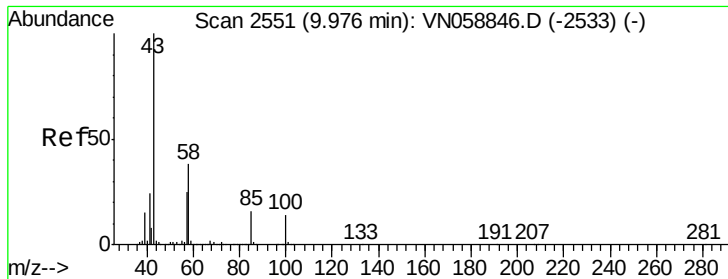
100 63.9 51.4 77.2



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: 1.157 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN058926.D

Acq: 23 Oct 2019 13:56

Instrument :

MSVOA_N

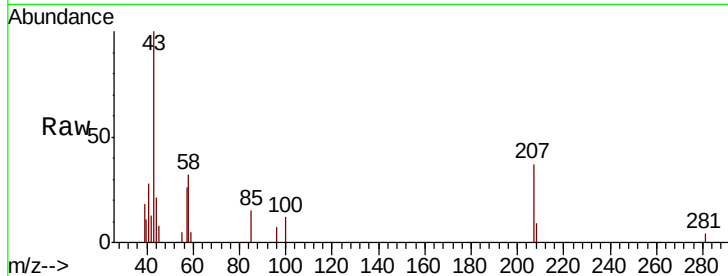
ClientSampleId :

Tot Ion: 43 Resp: 5825

Ion Ratio Lower Upper

43 100

58 40.7 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN058846.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN058846.D (-2533) (-)

20000

15000

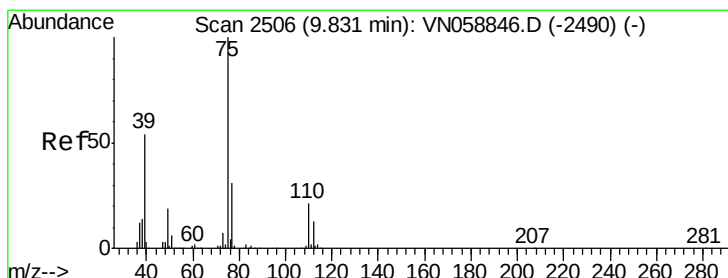
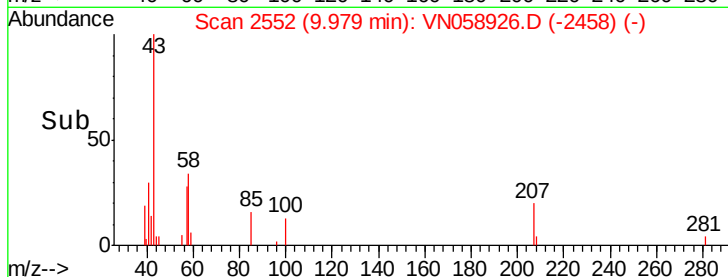
10000

5000

0

9.95 9.98 10.00

Time-->



#54

cis-1,3-Dichloropropene

Concen: 6.436 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.07 min

Lab File: VN058926.D

Acq: 23 Oct 2019 13:56

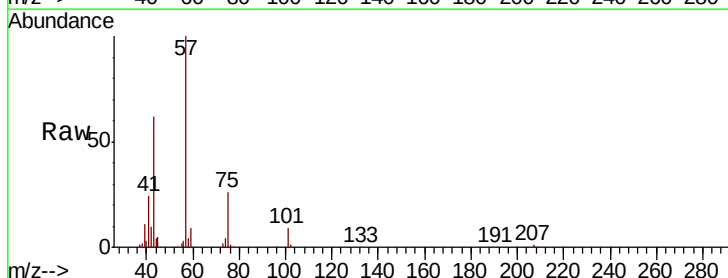
Tgt Ion: 75 Resp: 39384

Ion Ratio Lower Upper

75 100

77 0.7 24.7 37.1#

39 42.9 43.5 65.3#



Abundance Ion 74.90 (74.60 to 75.60): VN058846.D (-2490) (-)

Ion 76.90 (76.60 to 77.60): VN058846.D (-2490) (-)

Ion 39.00 (38.70 to 39.70): VN058846.D (-2490) (-)

30000

25000

20000

15000

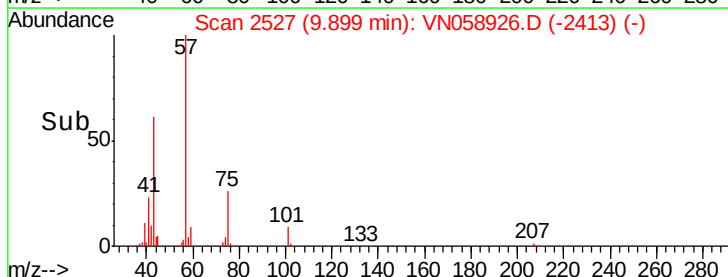
10000

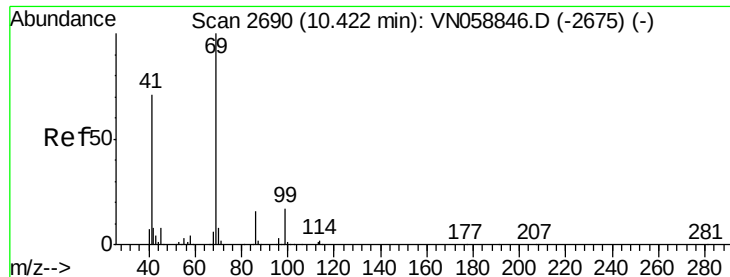
5000

0

9.85 9.90 9.95

Time-->





#56

Ethyl methacrylate

Concen: 2.462 ug/l

RT: 10.54 min Scan# 2726

Delta R.T. 0.12 min

Lab File: VN058926.D

Acq: 23 Oct 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

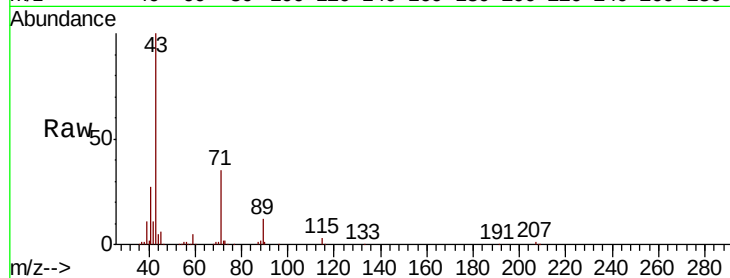
Tot Ion: 69 Resp: 2263

Ion Ratio Lower Upper

69 100

41 4172.0 57.2 85.8#

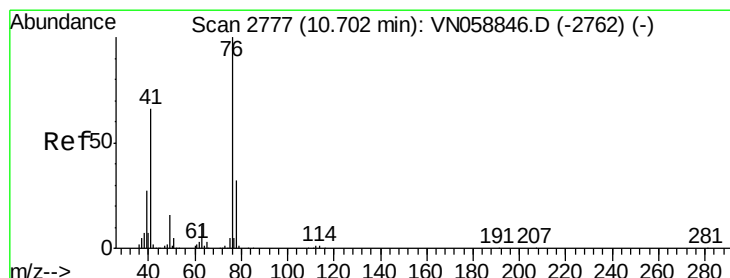
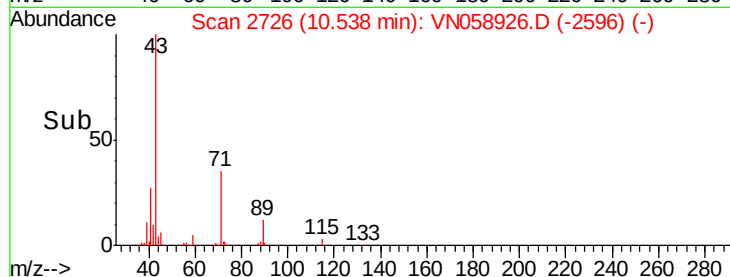
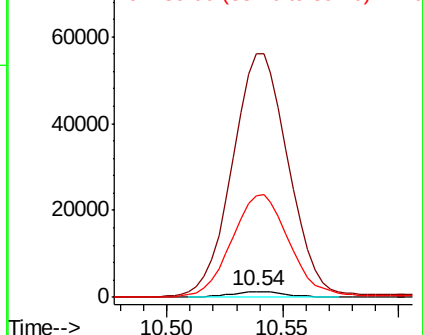
39 1821.5 31.0 46.4#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.136 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN058926.D

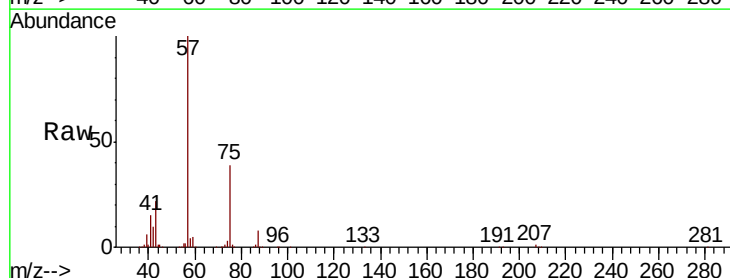
Acq: 23 Oct 2019 13:56

Tgt Ion: 76 Resp: 7053

Ion Ratio Lower Upper

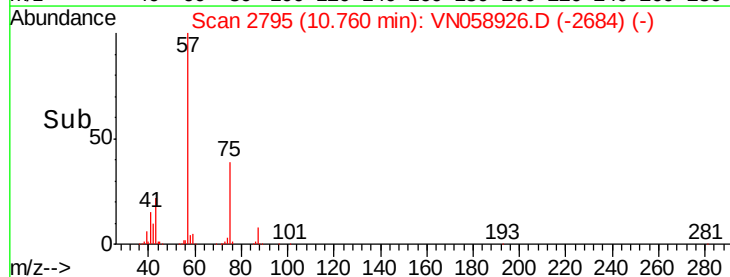
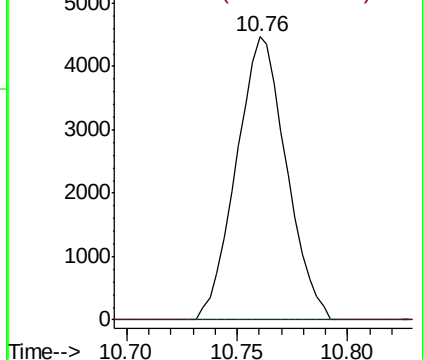
76 100

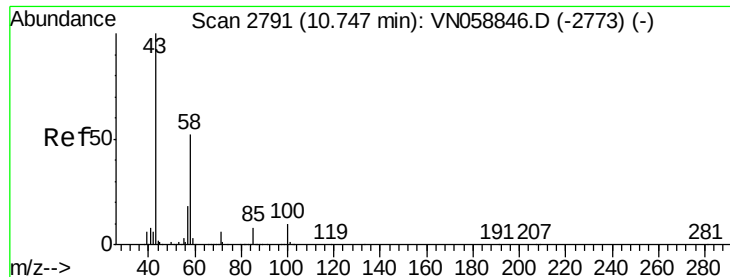
78 0.0 25.4 38.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

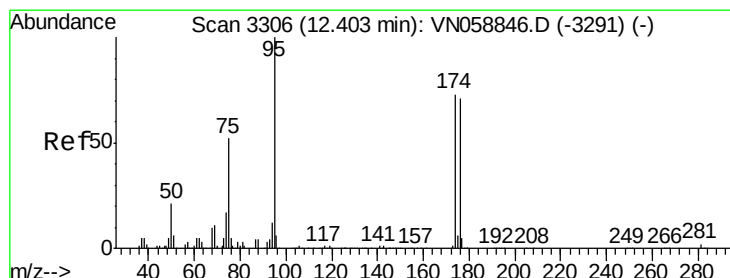
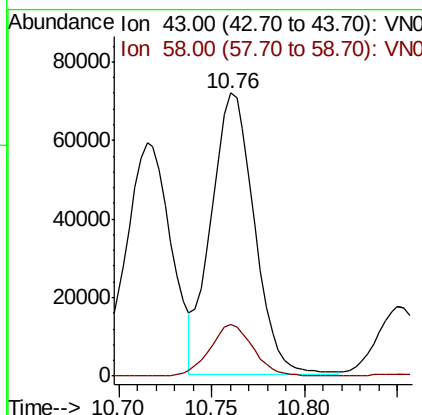
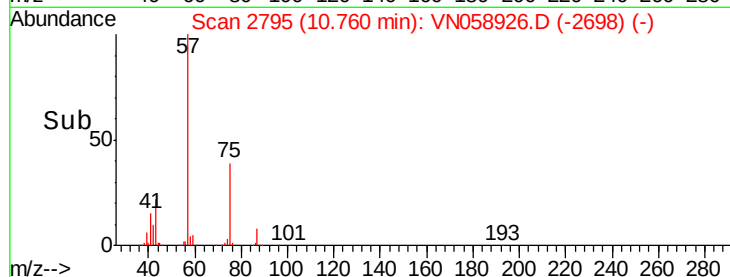
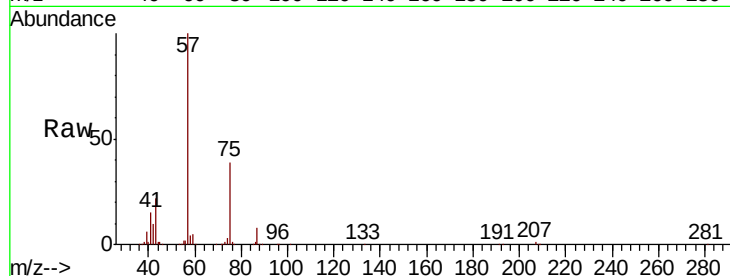




#59
2-Hexanone
Concen: 29.783 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN058926.D
Acq: 23 Oct 2019 13:56

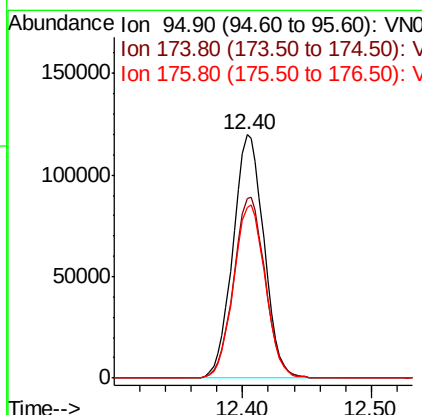
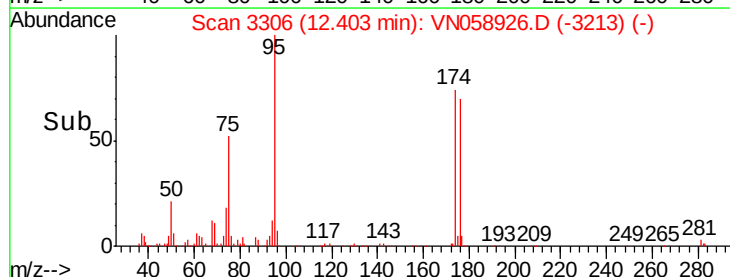
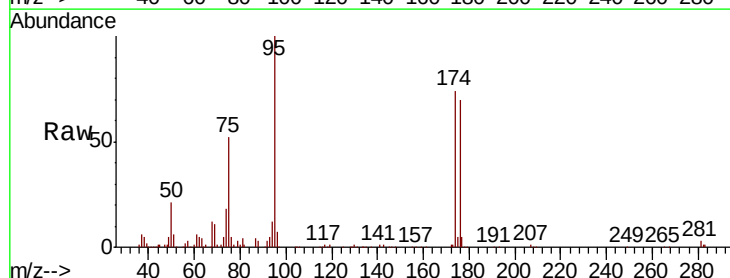
Instrument :
MSVOA_N
ClientSampled :

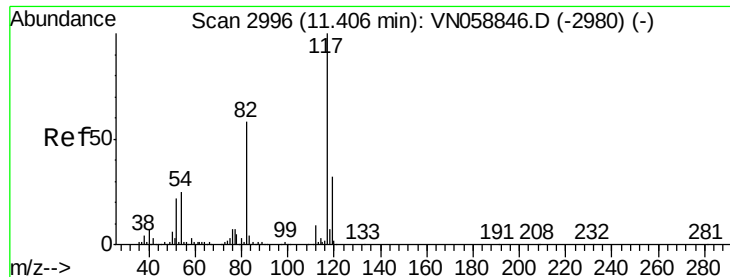
Tot Ion: 43 Resp: 115841
Ion Ratio Lower Upper
43 100
58 18.5 25.9 77.7#



#62
4-Bromofluorobenzene
Concen: 44.284 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN058926.D
Acq: 23 Oct 2019 13:56

Tgt Ion: 95 Resp: 199918
Ion Ratio Lower Upper
95 100
174 75.6 0.0 147.6
176 72.9 0.0 143.2

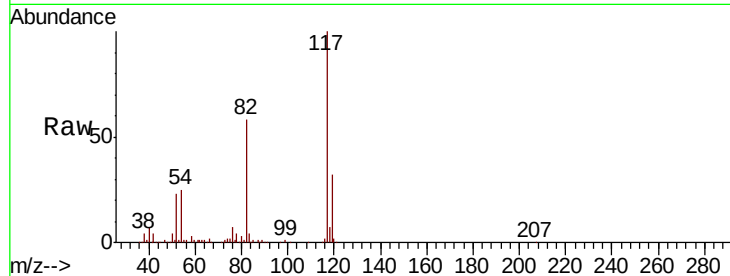




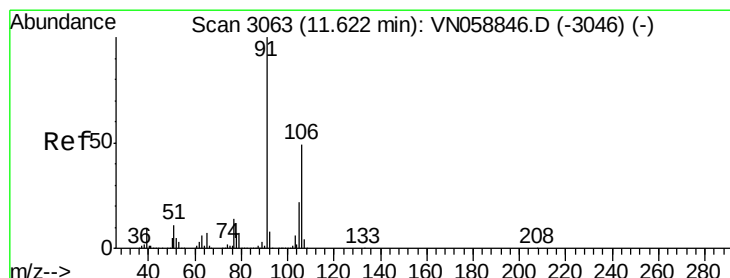
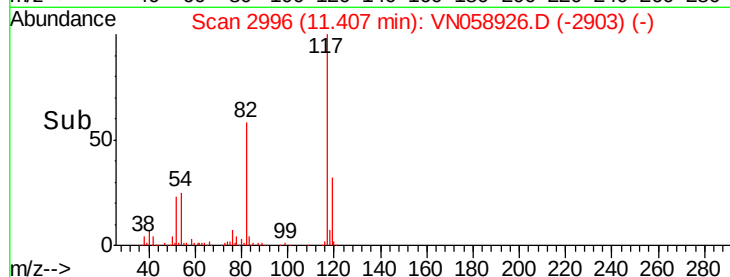
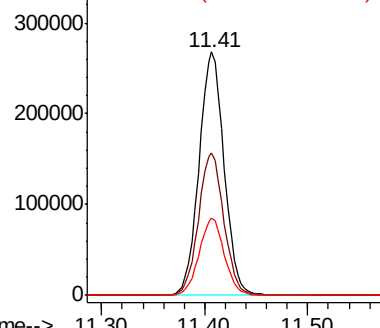
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058926.D
Acq: 23 Oct 2019 13:56

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 453543
Ion Ratio Lower Upper
117 100
82 58.5 46.6 69.8
119 31.8 25.6 38.4

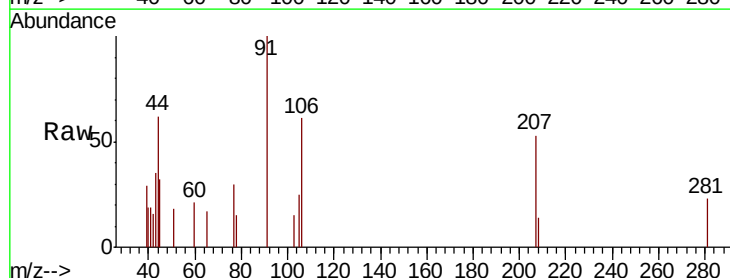


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

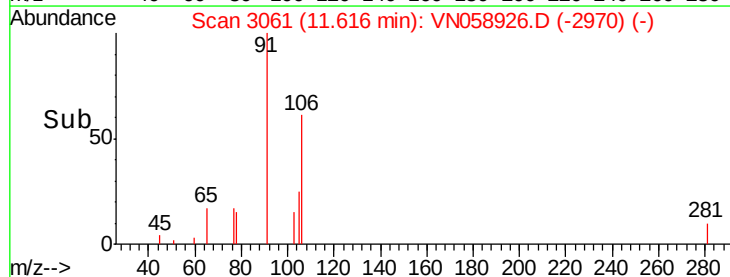
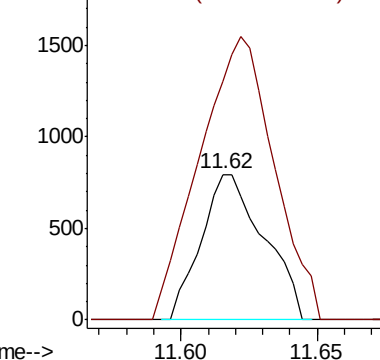


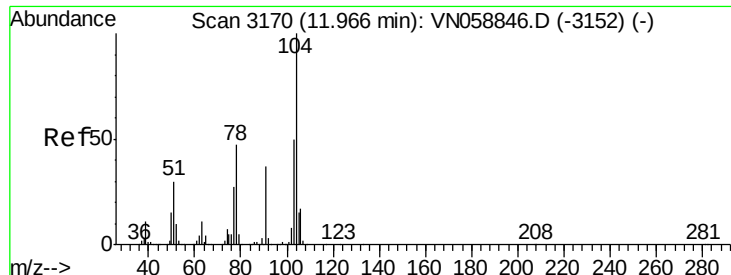
#68
m/p-Xylenes
Concen: 0.212 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN058926.D
Acq: 23 Oct 2019 13:56

Tgt Ion:106 Resp: 1272
Ion Ratio Lower Upper
106 100
91 230.1 166.6 249.8



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#70

Stvrene

Concen: 1.727 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. -0.00 min

Lab File: VN058926.D

Acq: 23 Oct 2019 13:56

Instrument :

MSVOA_N

ClientSampled :

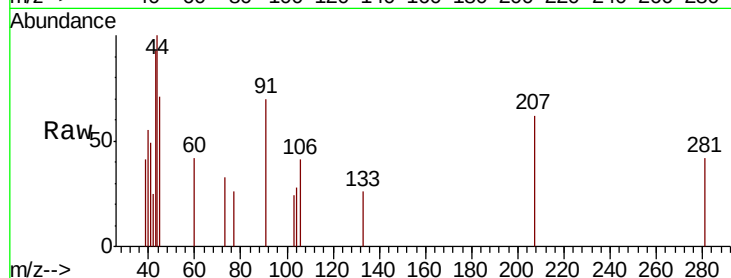
Tot Ion:104 Resp: 141

Ion Ratio Lower Upper

104 100

78 44.0 42.8 64.2

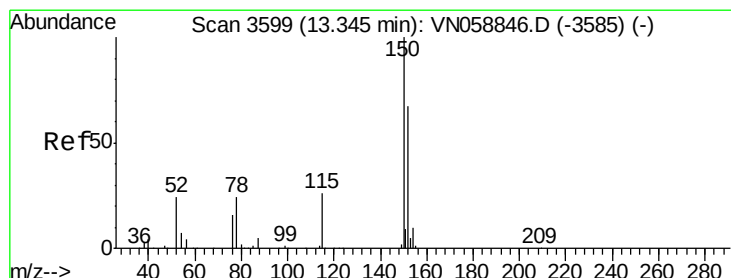
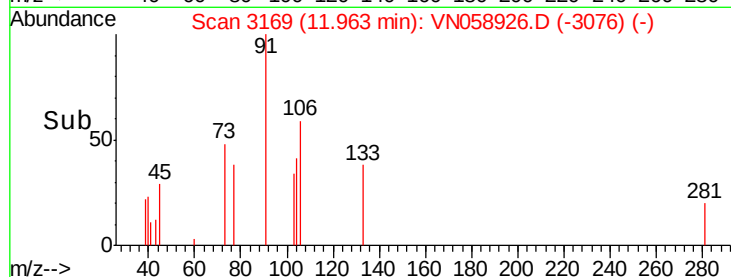
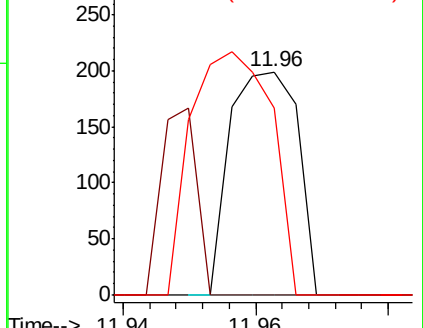
103 129.1 44.3 66.5#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058926.D

Acq: 23 Oct 2019 13:56

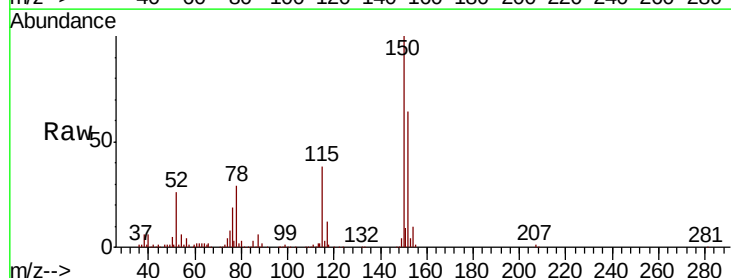
Tgt Ion:152 Resp: 165978

Ion Ratio Lower Upper

152 100

115 60.2 30.5 91.5

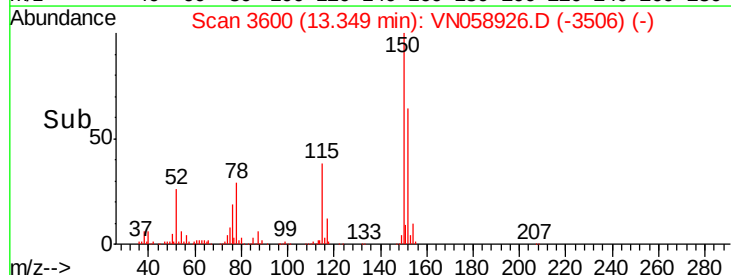
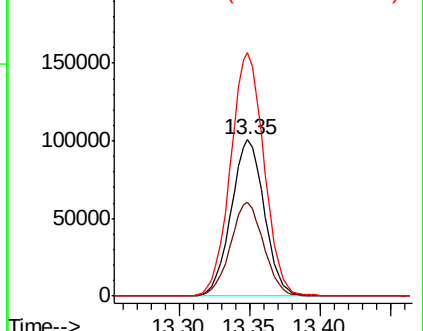
150 156.9 0.0 344.4

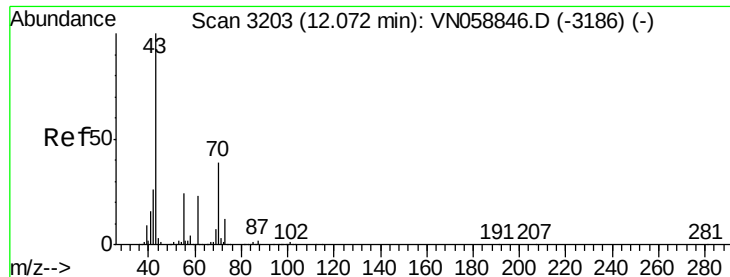


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.735 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN058926.D

Acq: 23 Oct 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 4044

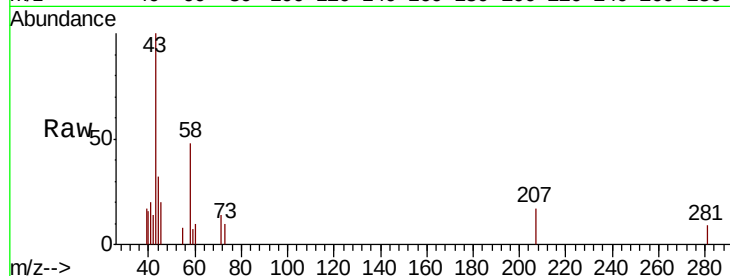
Ion Ratio Lower Upper

43 100

70 0.0 30.9 46.3#

55 8.7 19.7 29.5#

61 0.0 18.2 27.4#

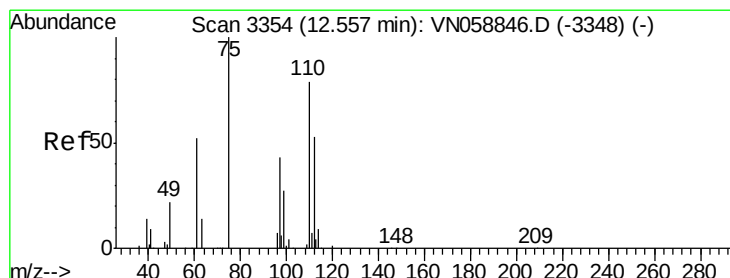
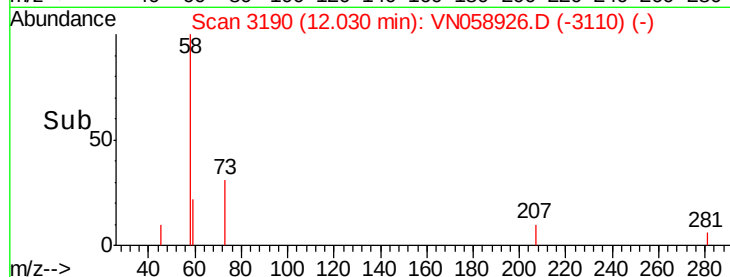
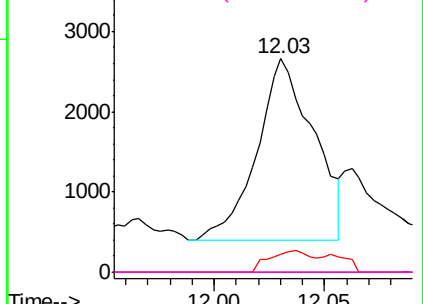


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#76

1,2,3-Trichloropropane

Concen: 27.481 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN058926.D

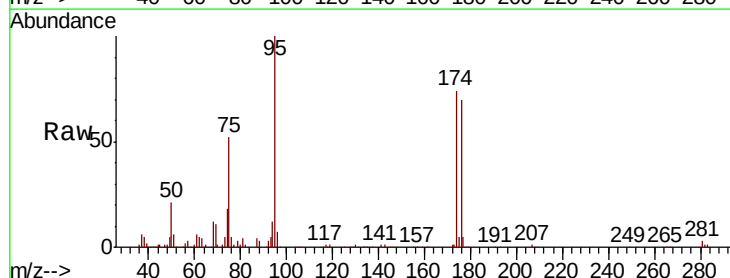
Acq: 23 Oct 2019 13:56

Tgt Ion: 75 Resp: 105710

Ion Ratio Lower Upper

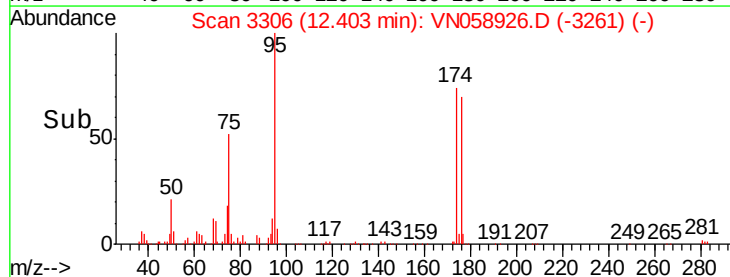
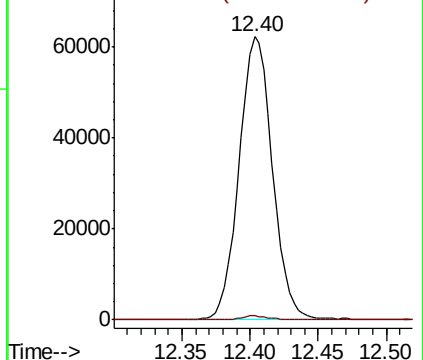
75 100

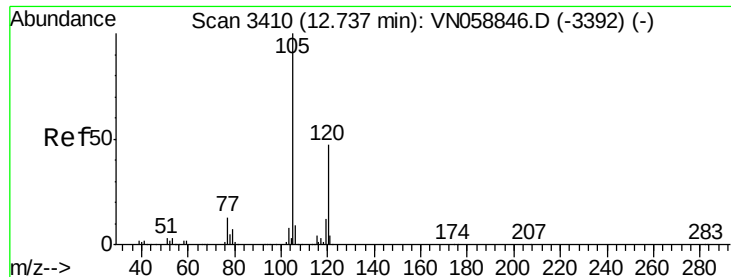
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

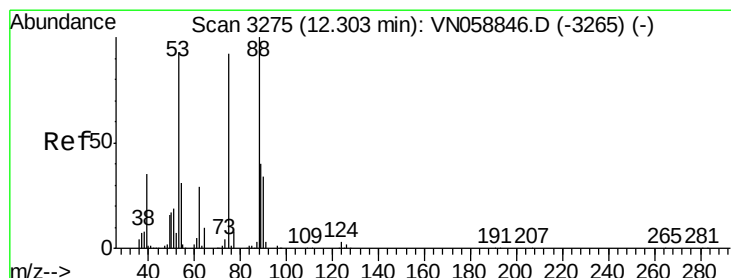
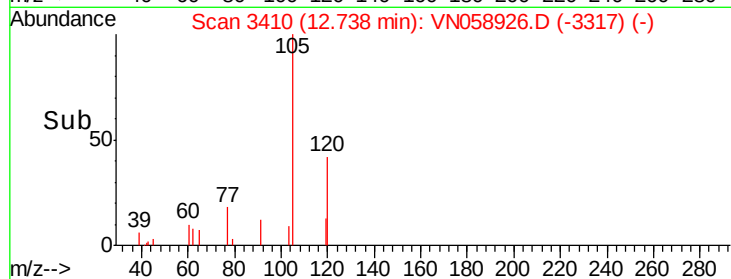
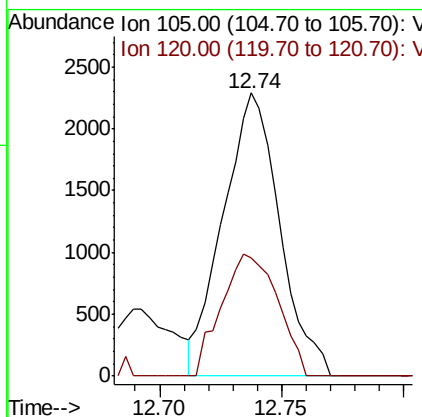
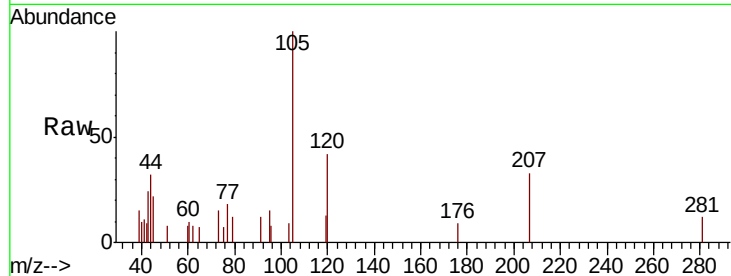




#80
 1,3,5-Trimethylbenzene
 Concen: 0.362 ug/l
 RT: 12.74 min Scan# 3410
 Delta R.T. 0.00 min
 Lab File: VN058926.D
 Acq: 23 Oct 2019 13:56

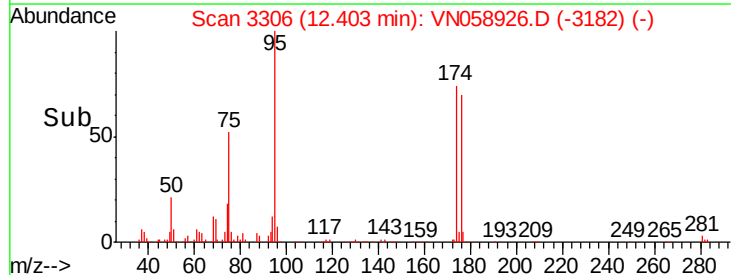
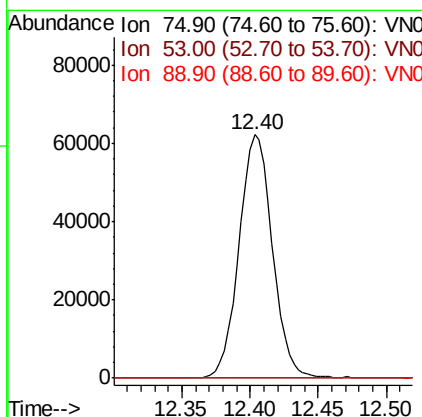
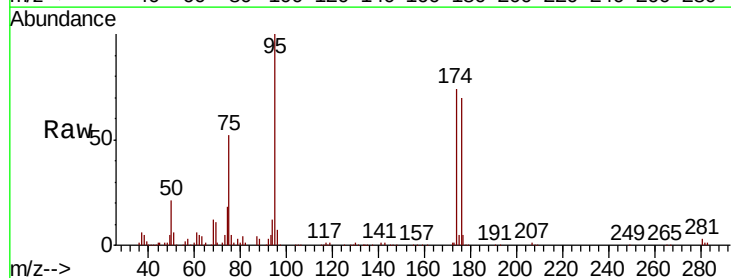
Instrument :
 MSVOA_N
 ClientSampled :

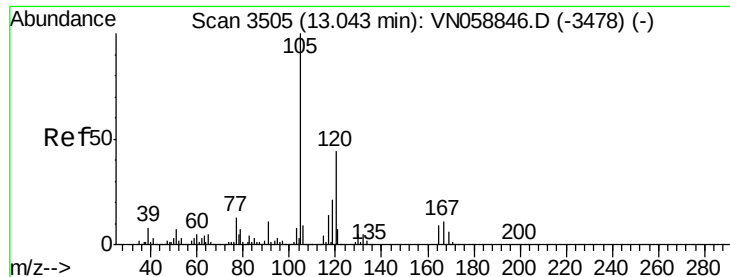
Tot Ion:105 Resp: 3693
 Ion Ratio Lower Upper
 105 100
 120 42.9 23.8 71.5



#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.589 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN058926.D
 Acq: 23 Oct 2019 13:56

Tgt Ion: 75 Resp: 105710
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.6 118.0#
 89 0.0 35.4 53.0#





#84

1,2,4-Trimethylbenzene

Concen: 0.355 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN058926.D

Acq: 23 Oct 2019 13:56

Instrument :

MSVOA_N

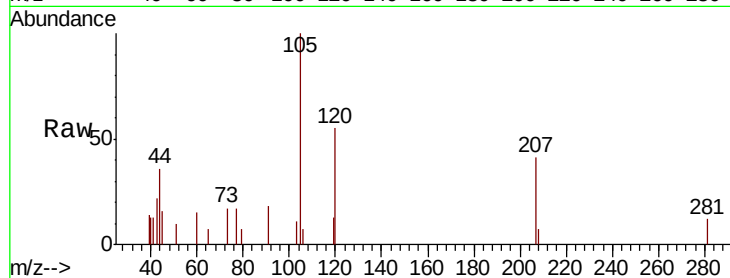
ClientSampled :

Tot Ion:105 Resp: 3565

Ion Ratio Lower Upper

105 100

120 53.0 21.9 65.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.04

2500

2000

1500

1000

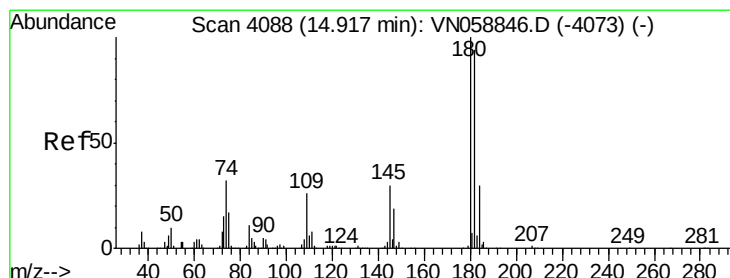
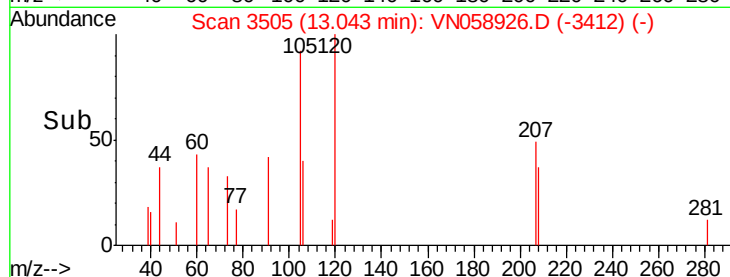
500

0

Time-->

13.00

13.05



#93

1,2,4-Trichlorobenzene

Concen: 2.529 ug/l

RT: 14.92 min Scan# 4089

Delta R.T. 0.00 min

Lab File: VN058926.D

Acq: 23 Oct 2019 13:56

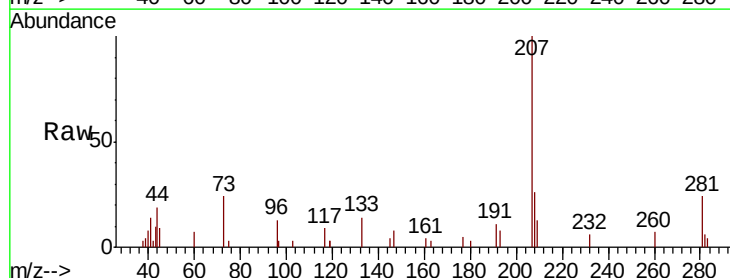
Tgt Ion:180 Resp: 29

Ion Ratio Lower Upper

180 100

182 0.0 47.3 142.0#

145 493.1 15.3 45.8#



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

250

200

150

100

50

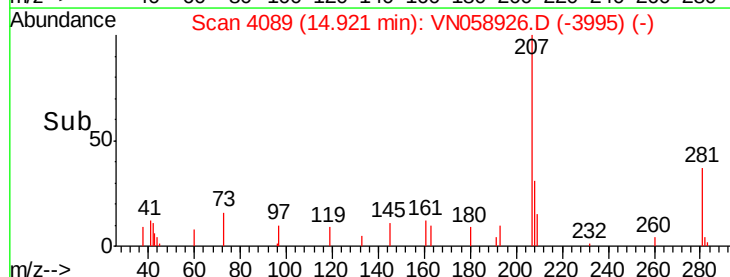
0

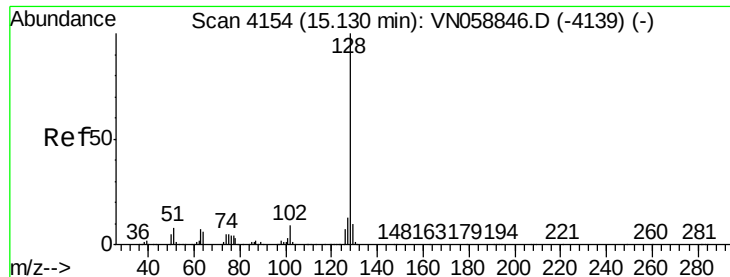
Time-->

14.91

14.92

14.93





#95

Naphthalene

Concen: 3.000 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058926.D

Acq: 23 Oct 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

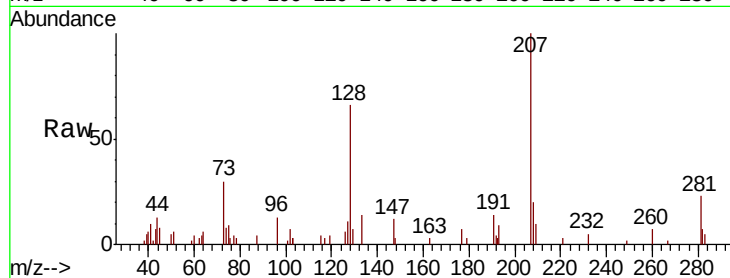
Tot Ion:128 Resp: 7712

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

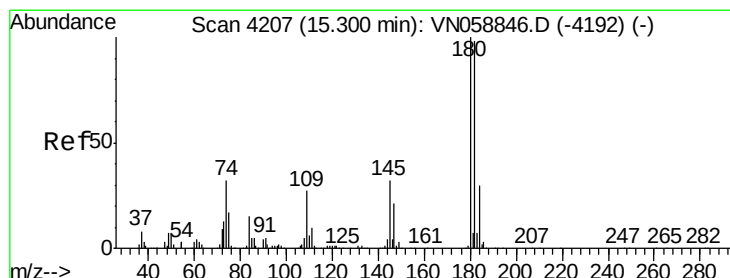
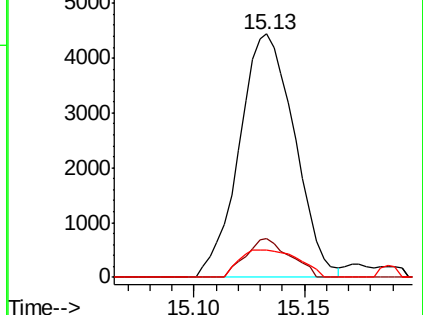
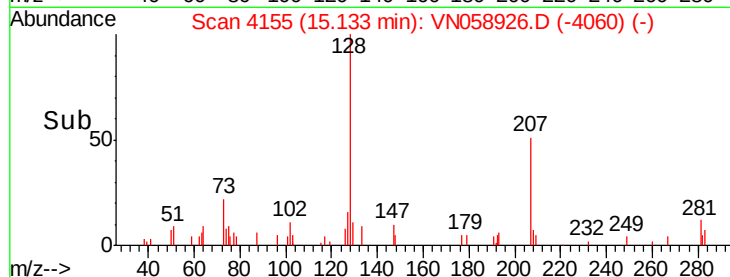
129 12.1 8.4 12.6



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: 2.404 ug/l

RT: 15.29 min Scan# 4205

Delta R.T. -0.01 min

Lab File: VN058926.D

Acq: 23 Oct 2019 13:56

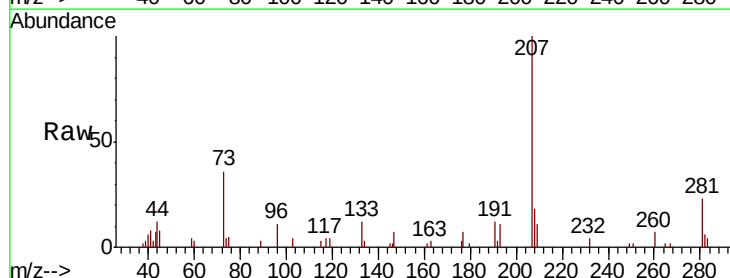
Tgt Ion:180 Resp: 31

Ion Ratio Lower Upper

180 100

182 0.0 47.9 143.7#

145 800.0 15.9 47.7#



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

