

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100219\
 Data File : VN058487.D
 Acq On : 2 Oct 2019 19:58
 Operator : JC/SP
 Sample : K5095-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-2

Quant Time: Oct 03 05:14:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	354789	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	601759	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	515147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	190900	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	270506	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
35) Dibromofluoromethane	7.58	113	186808	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
50) Toluene-d8	10.08	98	756938	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
62) 4-Bromofluorobenzene	12.41	95	234926	44.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.94%	

Target Compounds						Qvalue
3) Chloromethane	2.04	50	1199	0.280	ug/l #	85
11) Tert butyl alcohol	4.77	59	762	1.323	ug/l #	71
14) Allyl chloride	4.53	41	33773	5.545	ug/l #	20
16) Acetone	3.80	43	14468	8.186	ug/l	94
17) Carbon Disulfide	4.04	76	4101	0.465	ug/l	98
18) Methyl Acetate	4.31	43	4458	1.003	ug/l #	85
20) Methylene Chloride	4.53	84	954872	234.112	ug/l	98
29) Tetrahydrofuran	7.19	42	341	0.221	ug/l #	34
30) Chloroform	7.36	83	3401	0.455	ug/l	87
31) Cyclohexane	7.65	56	9835	1.371	ug/l #	31
36) 1,1-Dichloropropene	7.65	75	31786	5.524	ug/l #	51
38) Carbon Tetrachloride	7.65	117	37073	7.138	ug/l #	15
43) Isopropyl Acetate	8.16	43	208690	22.749	ug/l #	81
45) 1,2-Dichloropropane	9.26	63	1912	0.431	ug/l #	43
48) Methyl methacrylate	9.17	41	6300	1.508	ug/l #	13
51) 4-Methyl-2-Pentanone	9.98	43	6398	1.358	ug/l	93
54) cis-1,3-Dichloropropene	9.90	75	37120	5.772	ug/l #	67
56) Ethyl methacrylate	10.54	69	1649	0.287	ug/l #	1
57) 1,3-Dichloropropane	10.77	76	7013	1.037	ug/l #	43
59) 2-Hexanone	10.76	43	107157	31.230	ug/l #	53
60) Dibromochloromethane	10.91	129	135	Below Cal	#	40
64) Tetrachloroethene	10.63	164	1473	0.450	ug/l	94
65) Chlorobenzene	11.44	112	3424	0.334	ug/l	94
69) o-Xylene	11.95	106	1675	0.249	ug/l	90
71) Bromoform	12.40	173	555	0.924	ug/l #	1
74) N-amyl acetate	12.04	43	4274	0.762	ug/l #	46
76) 1,2,3-Trichloropropane	12.41	75	130090	37.309	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	10707	0.907	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.41	75	130090	113.313	ug/l #	7
83) tert-Butylbenzene	13.05	119	2317	0.233	ug/l #	75
84) 1,2,4-Trimethylbenzene	13.05	105	16210	1.370	ug/l	99
90) Hexachloroethane	13.90	117	1253	0.722	ug/l #	11
95) Naphthalene	15.14	128	7799	0.807	ug/l	96

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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

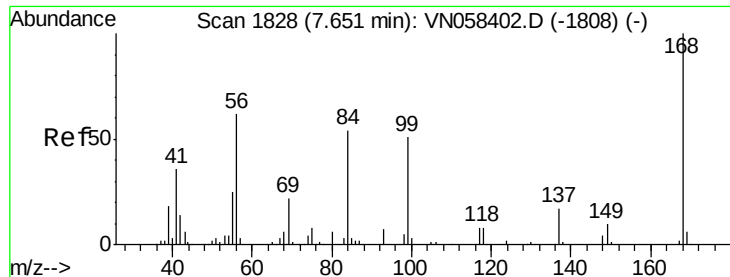
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-2

Quant Time: Oct 03 05:14:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN100219\  
Data File : VN058487.D  
Acq On    : 2 Oct 2019 19:58  
Operator  : JC/SP  
Sample    : K5095-02  
Misc      : 5.00mL/MSVOA_N/WATER  
ALS Vial  : 14 Sample Multiplier: 1
```



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058487.D

Acq: 2 Oct 2019 19:58

Instrument :

MSVOA_N

ClientSampleId :

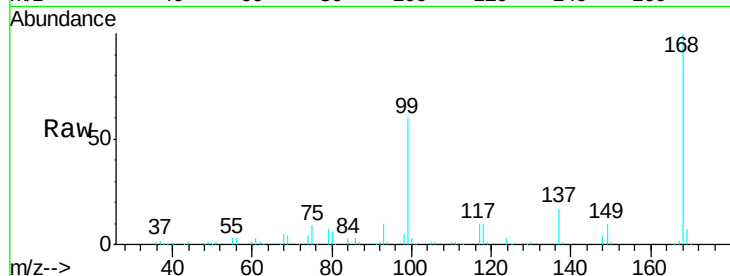
COMPOSITE-2

Tgt Ion:168 Resp: 354789

Ion Ratio Lower Upper

168 100

99 60.3 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): VN058402.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN058402.D (-1808) (-)

7.65

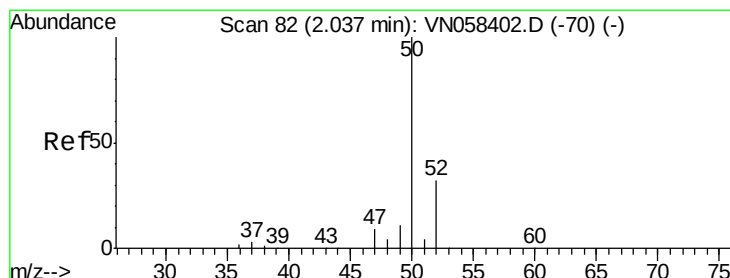
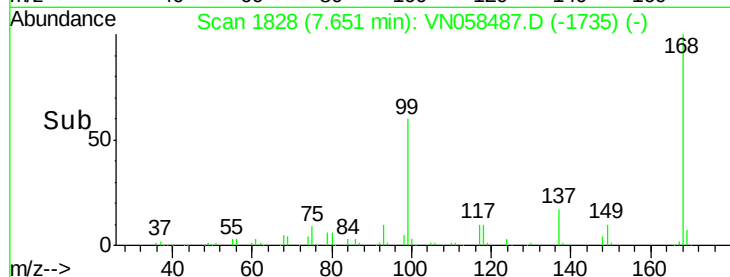
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.280 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN058487.D

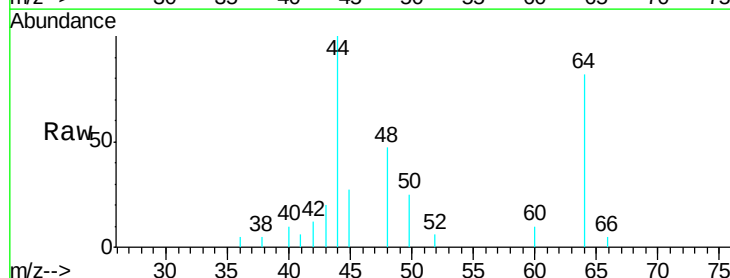
Acq: 2 Oct 2019 19:58

Tgt Ion: 50 Resp: 1199

Ion Ratio Lower Upper

50 100

52 23.9 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VN058402.D (-70) (-)

Ion 51.90 (51.60 to 52.60): VN058402.D (-70) (-)

2.04

800

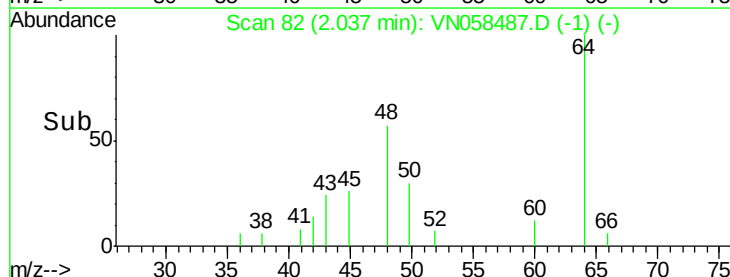
600

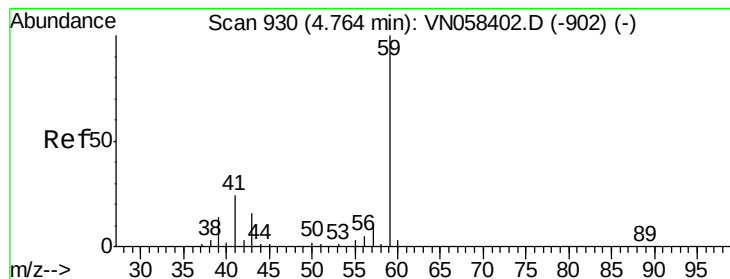
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200

0

Time-->



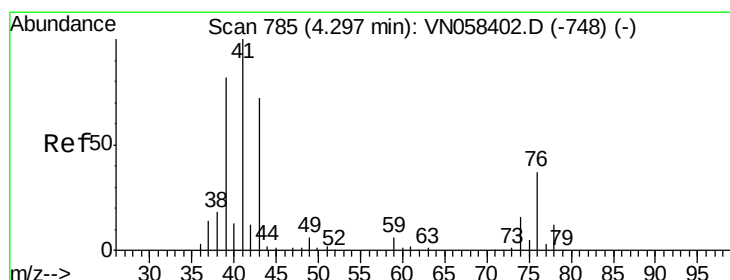
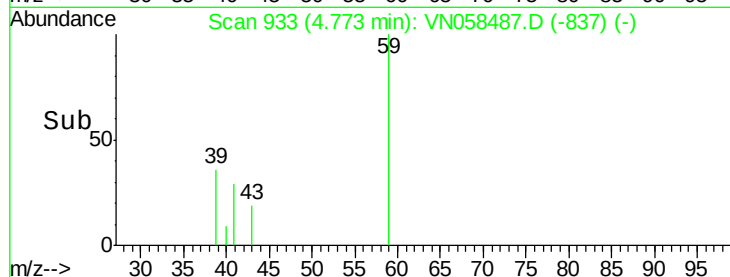
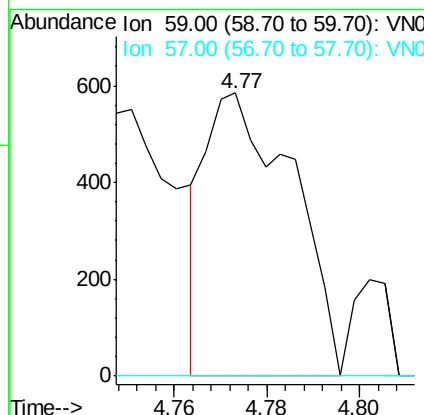
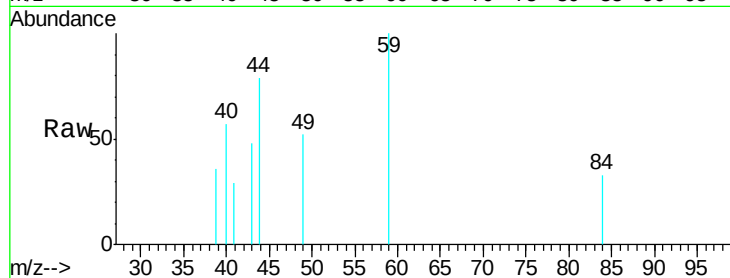


#11

Tert butyl alcohol
 Concen: 1.323 ug/l
 RT: 4.77 min Scan# 933
 Delta R.T. 0.01 min
 Lab File: VN058487.D
 Acq: 2 Oct 2019 19:58

Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-2

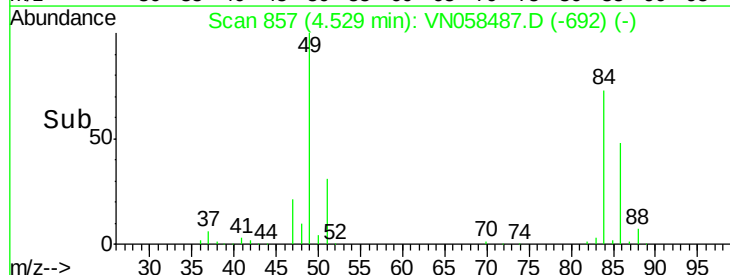
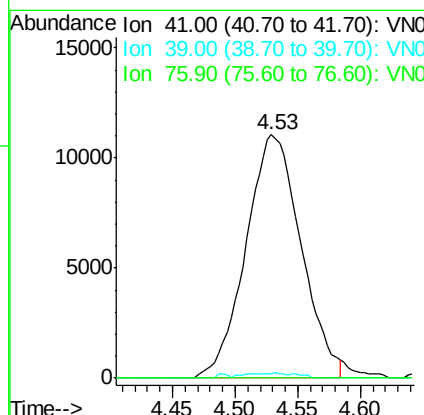
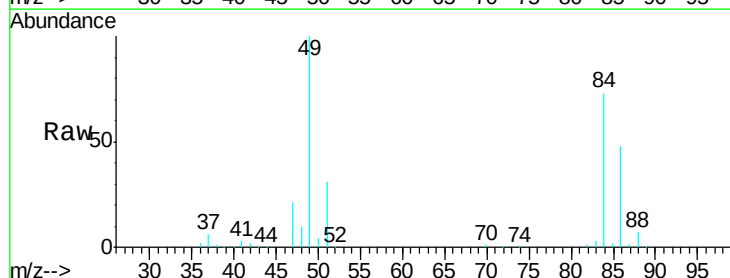
Tgt Ion: 59 Resp: 762
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.4#

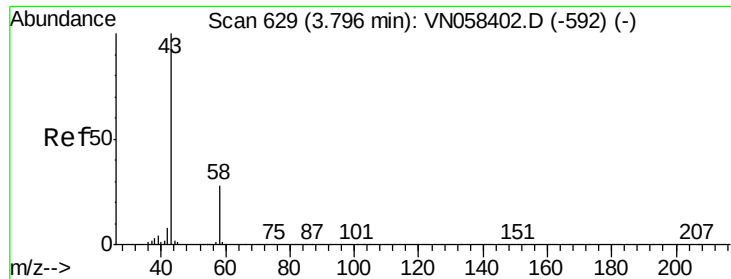


#14

Allyl chloride
 Concen: 5.545 ug/l
 RT: 4.53 min Scan# 857
 Delta R.T. 0.23 min
 Lab File: VN058487.D
 Acq: 2 Oct 2019 19:58

Tgt Ion: 41 Resp: 33773
 Ion Ratio Lower Upper
 41 100
 39 0.7 62.3 93.5#
 76 0.0 26.9 40.3#

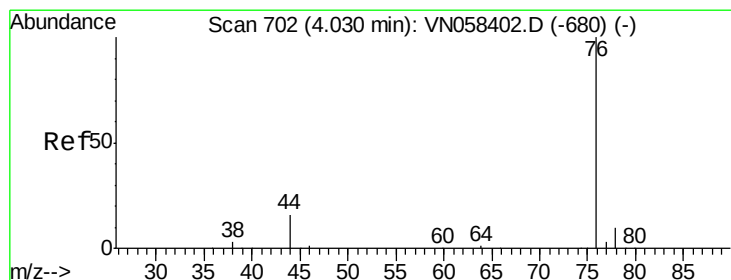
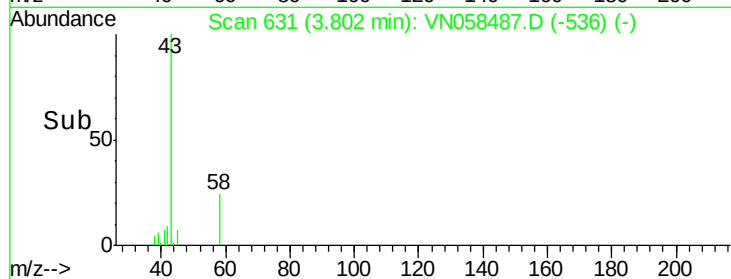
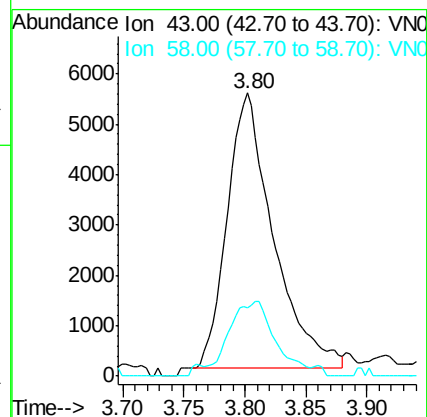
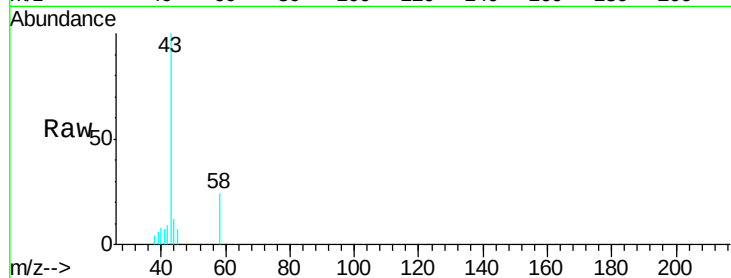




#16
Acetone
Concen: 8.186 ug/l
RT: 3.80 min Scan# 631
Delta R.T. 0.01 min
Lab File: VN058487.D
Acq: 2 Oct 2019 19:58

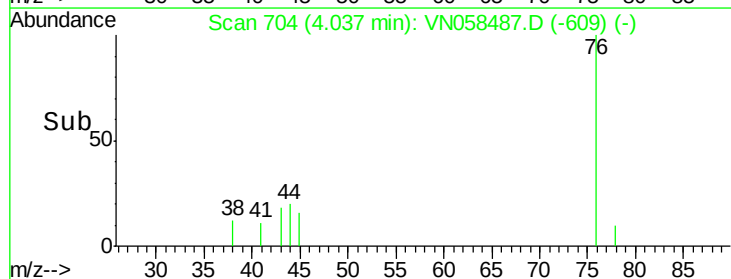
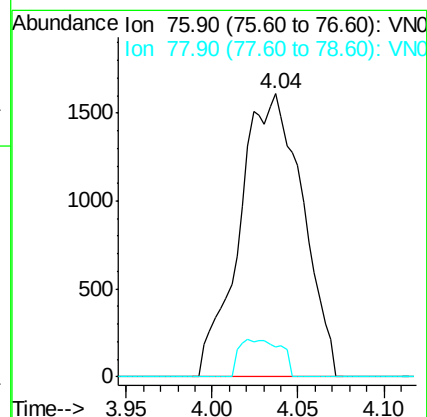
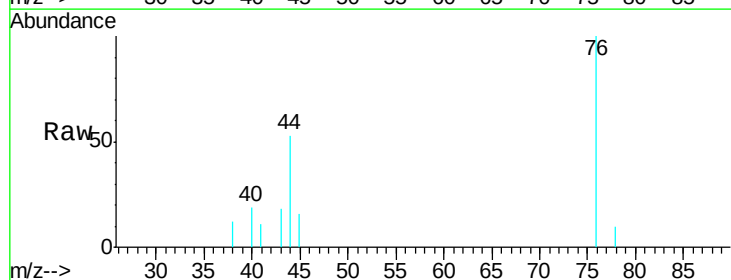
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-2

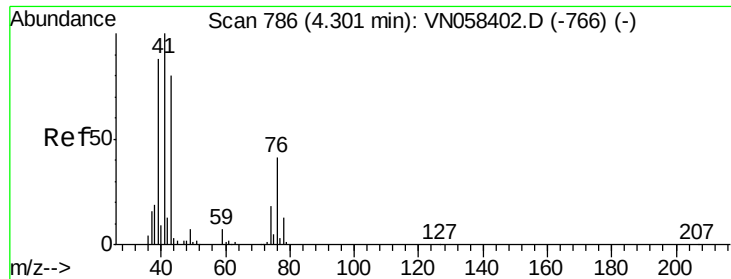
Tgt Ion: 43 Resp: 14468
Ion Ratio Lower Upper
43 100
58 24.9 22.4 33.6



#17
Carbon Disulfide
Concen: 0.465 ug/l
RT: 4.04 min Scan# 704
Delta R.T. 0.01 min
Lab File: VN058487.D
Acq: 2 Oct 2019 19:58

Tgt Ion: 76 Resp: 4101
Ion Ratio Lower Upper
76 100
78 10.4 7.7 11.5

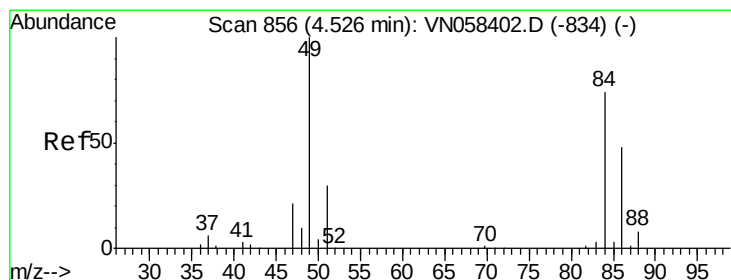
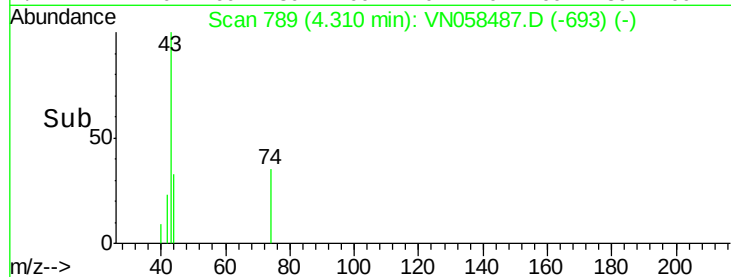
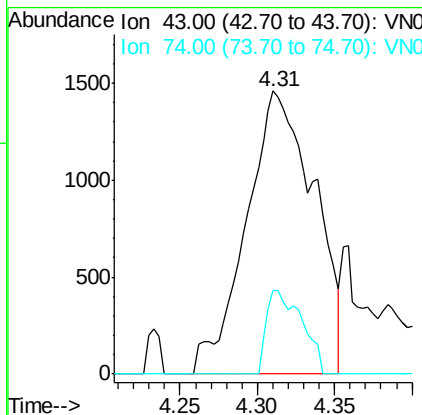
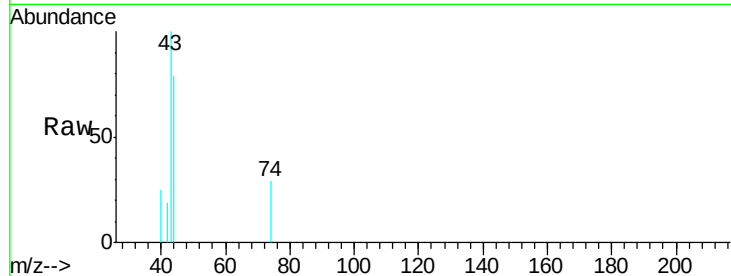




#18
Methyl Acetate
Concen: 1.003 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN058487.D
Acq: 2 Oct 2019 19:58

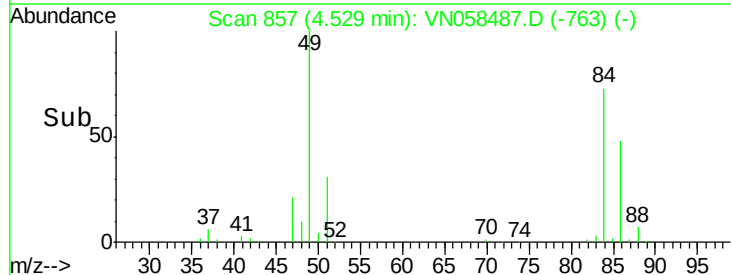
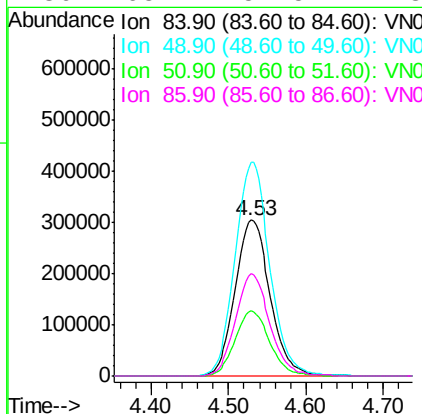
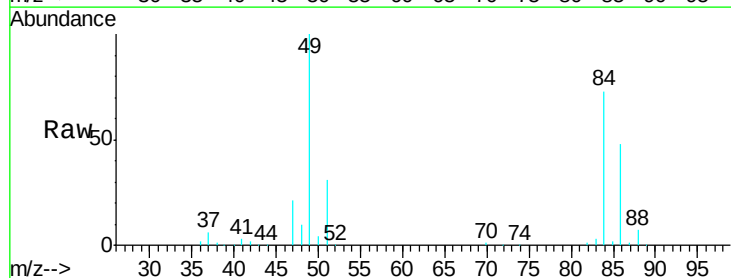
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-2

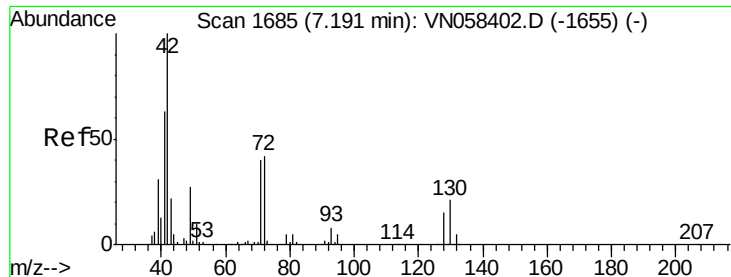
Tgt Ion: 43 Resp: 4458
Ion Ratio Lower Upper
43 100
74 15.5 18.0 27.0#



#20
Methylene Chloride
Concen: 234.112 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058487.D
Acq: 2 Oct 2019 19:58

Tgt Ion: 84 Resp: 954872
Ion Ratio Lower Upper
84 100
49 137.2 107.9 161.9
51 42.0 32.8 49.2
86 65.7 51.5 77.3

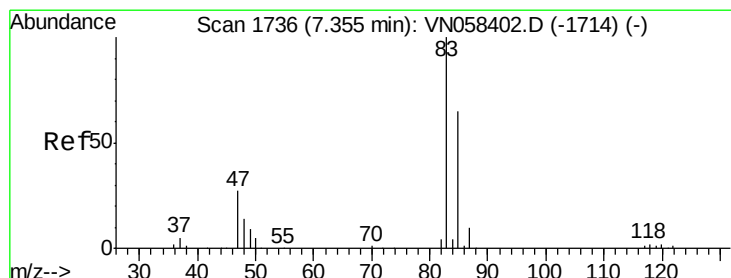
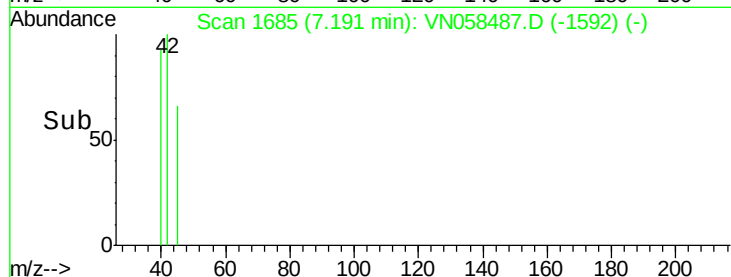
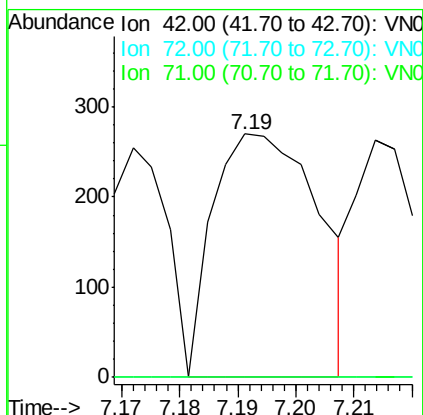
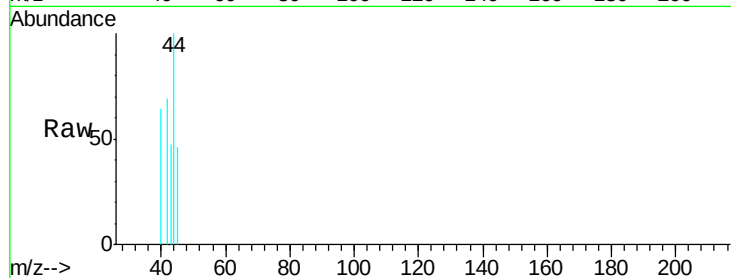




#29
Tetrahydrofuran
Concen: 0.221 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VN058487.D
Acq: 2 Oct 2019 19:58

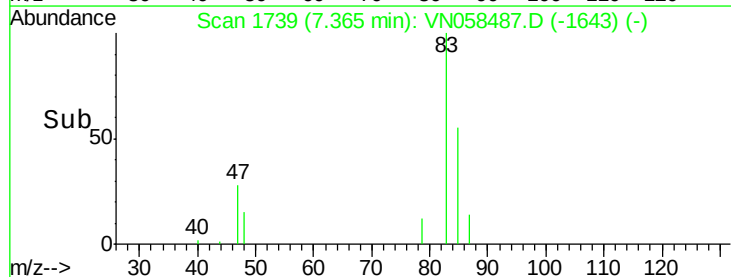
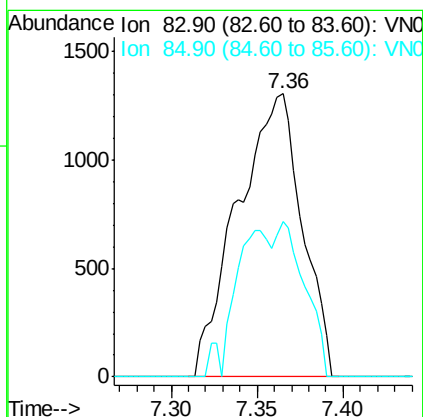
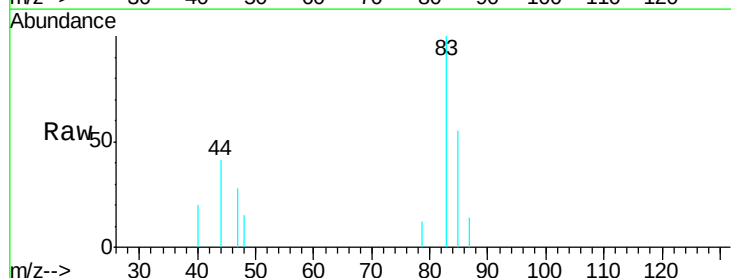
Instrument :
MSVOA_N
ClientSampled :
COMPOSITE-2

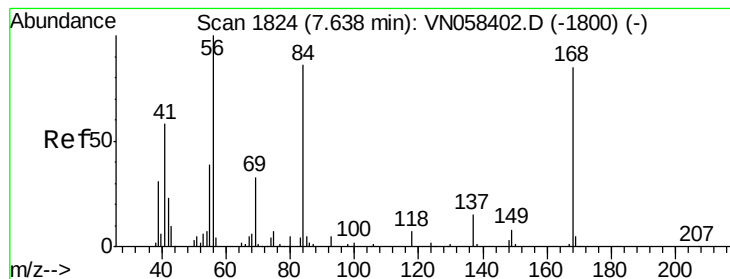
Tgt Ion: 42 Resp: 341
Ion Ratio Lower Upper
42 100
72 0.0 33.7 50.5#
71 0.0 31.8 47.6#



#30
Chloroform
Concen: 0.455 ug/l
RT: 7.36 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VN058487.D
Acq: 2 Oct 2019 19:58

Tgt Ion: 83 Resp: 3401
Ion Ratio Lower Upper
83 100
85 54.9 52.0 78.0





#31

Cyclohexane

Concen: 1.371 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.01 min

Lab File: VN058487.D

Acq: 2 Oct 2019 19:58

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-2

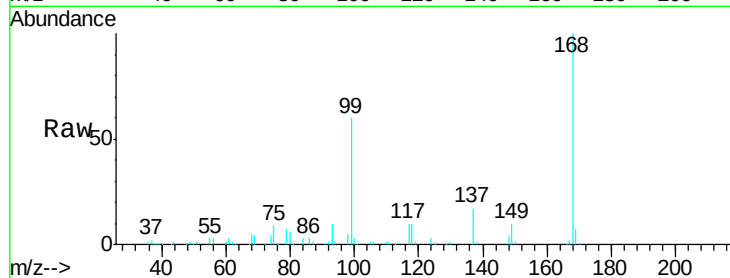
Tgt Ion: 56 Resp: 9835

Ion Ratio Lower Upper

56 100

69 141.5 26.2 39.4#

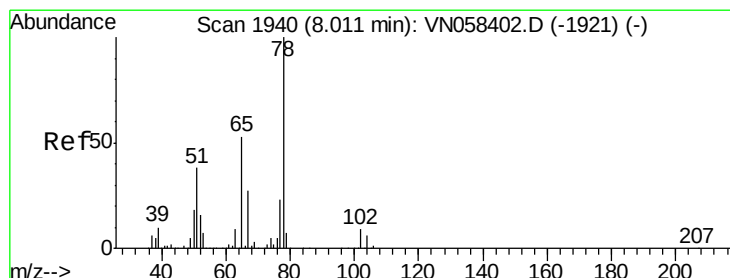
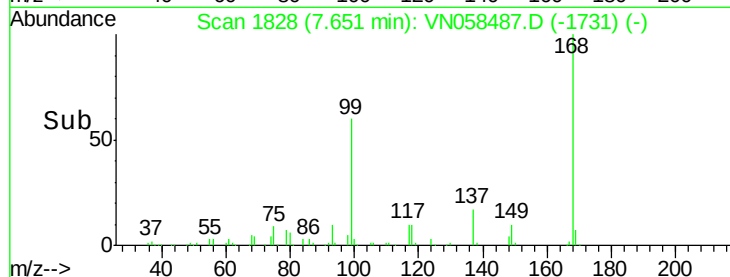
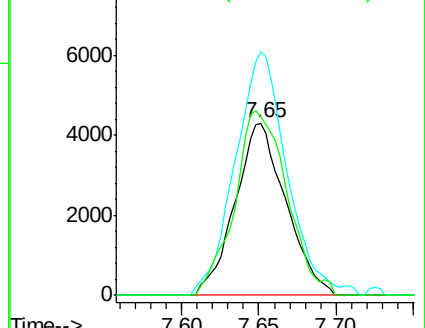
84 103.4 67.6 101.4#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 52.174 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058487.D

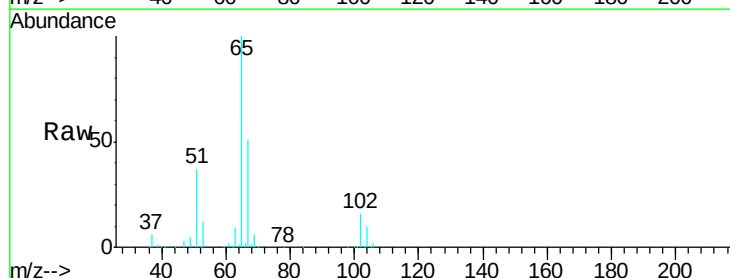
Acq: 2 Oct 2019 19:58

Tgt Ion: 65 Resp: 270506

Ion Ratio Lower Upper

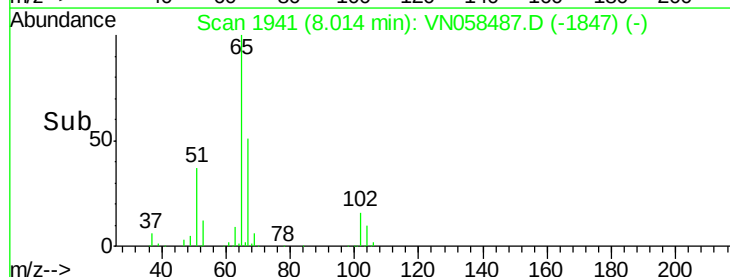
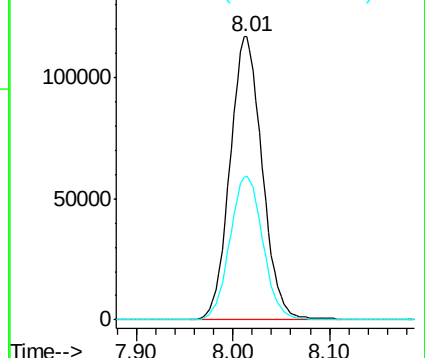
65 100

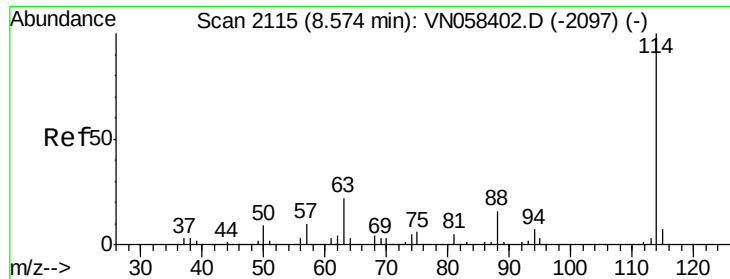
67 52.0 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

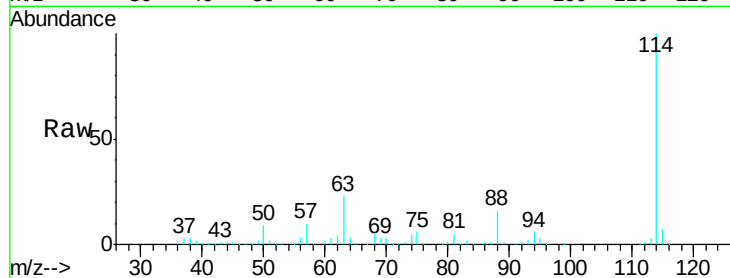




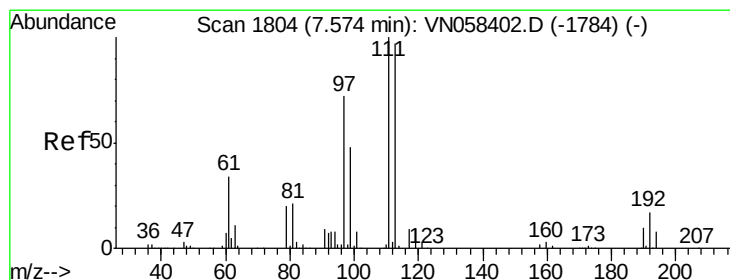
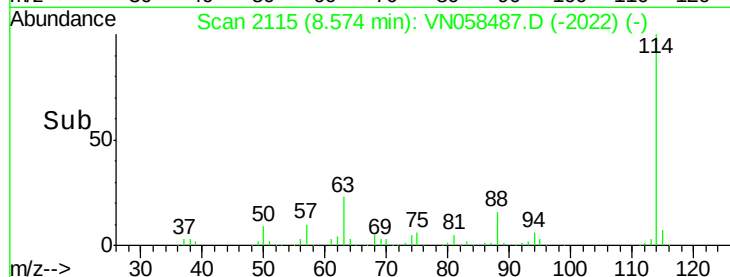
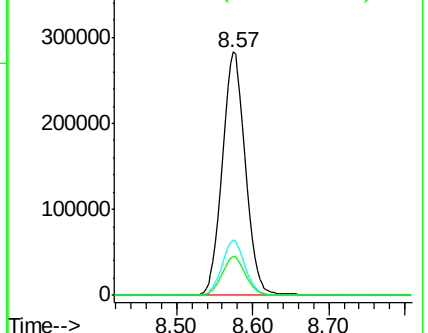
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VN058487.D
Acq: 2 Oct 2019 19:58

Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-2

Tgt Ion:114 Resp: 601759
Ion Ratio Lower Upper
114 100
63 22.6 0.0 45.0
88 16.1 0.0 32.2

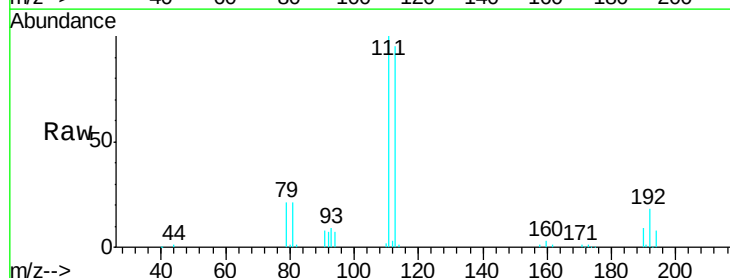


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

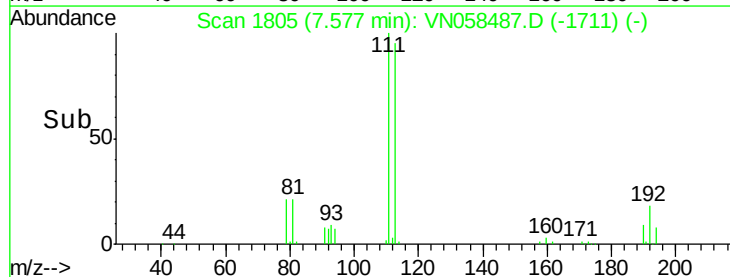
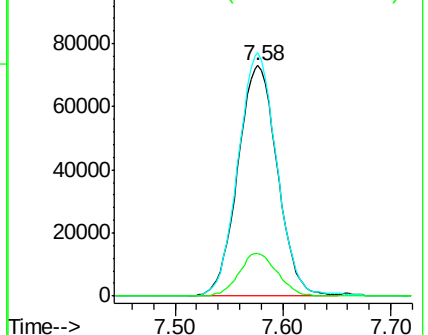


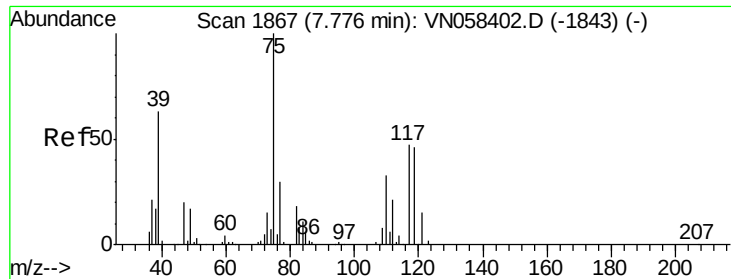
#35
Dibromofluoromethane
Concen: 50.651 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN058487.D
Acq: 2 Oct 2019 19:58

Tgt Ion:113 Resp: 186808
Ion Ratio Lower Upper
113 100
111 103.7 83.4 125.2
192 17.9 14.9 22.3



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

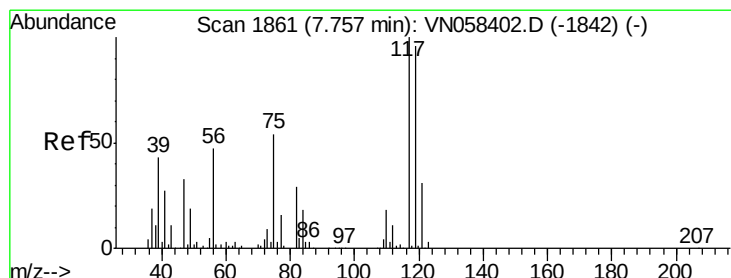
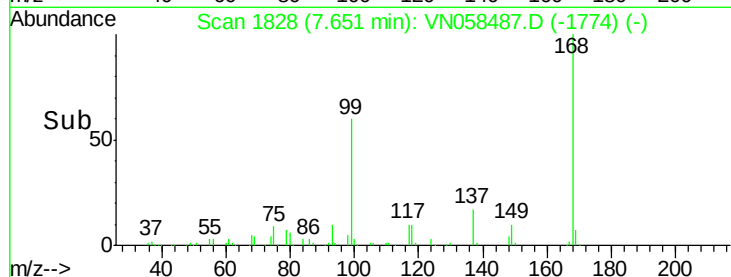
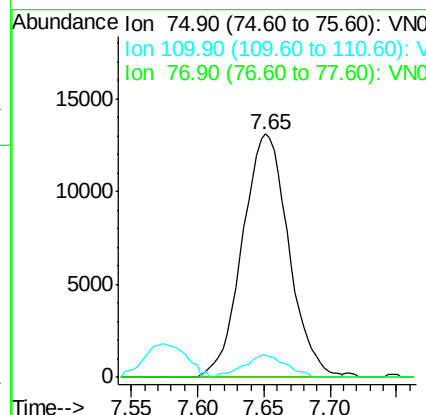
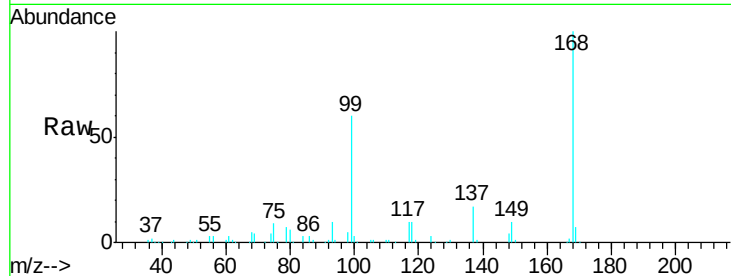




#36
 1,1-Dichloropropene
 Concen: 5.524 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN058487.D
 Acq: 2 Oct 2019 19:58

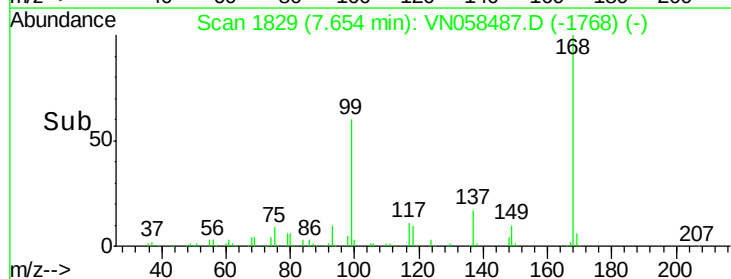
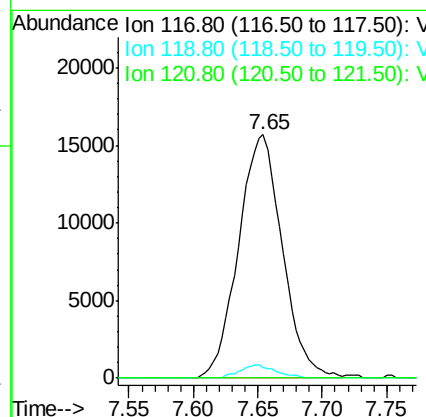
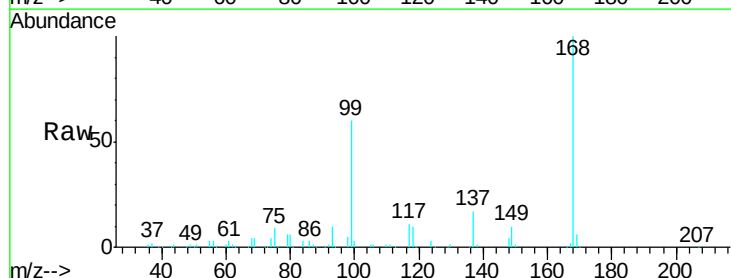
Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-2

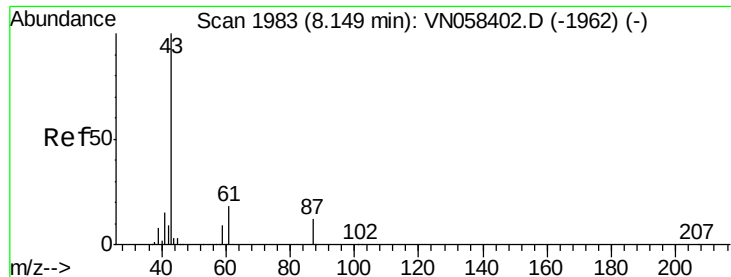
Tgt Ion: 75 Resp: 31786
 Ion Ratio Lower Upper
 75 100
 110 8.4 16.4 49.2#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 7.138 ug/l
 RT: 7.65 min Scan# 1829
 Delta R.T. -0.10 min
 Lab File: VN058487.D
 Acq: 2 Oct 2019 19:58

Tgt Ion: 117 Resp: 37073
 Ion Ratio Lower Upper
 117 100
 119 4.4 76.6 115.0#
 121 0.0 24.7 37.1#





#43

Isopropyl Acetate

Concen: 22.749 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.01 min

Lab File: VN058487.D

Acq: 2 Oct 2019 19:58

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-2

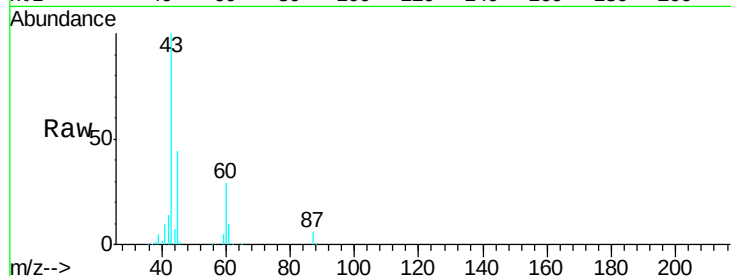
Tgt Ion: 43 Resp: 208690

Ion Ratio Lower Upper

43 100

61 9.4 14.8 22.2#

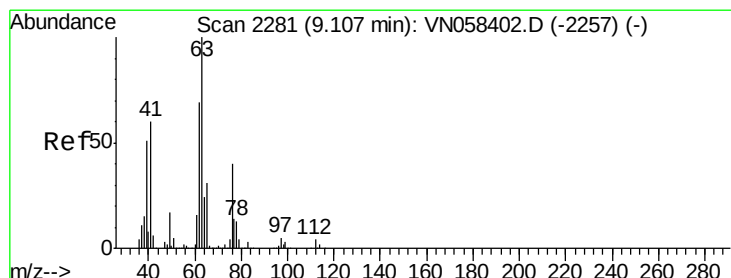
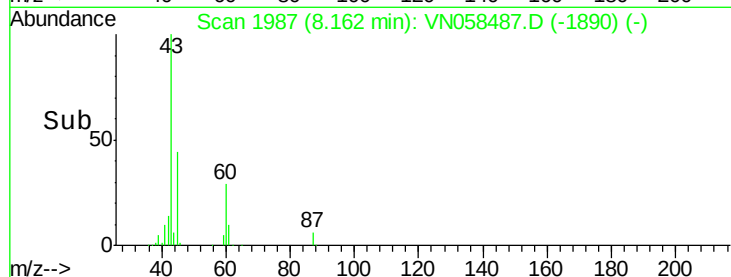
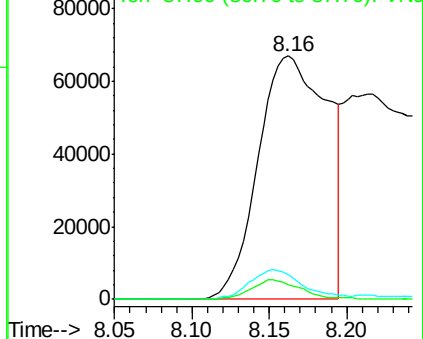
87 5.7 9.7 14.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.431 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.15 min

Lab File: VN058487.D

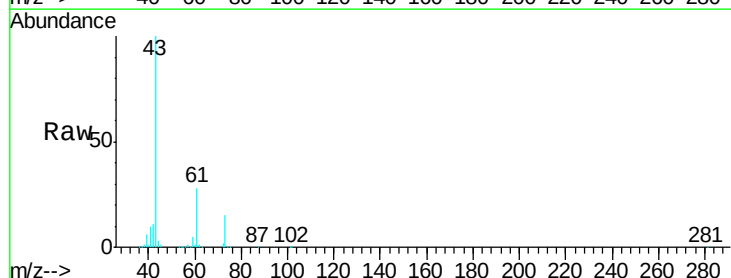
Acq: 2 Oct 2019 19:58

Tgt Ion: 63 Resp: 1912

Ion Ratio Lower Upper

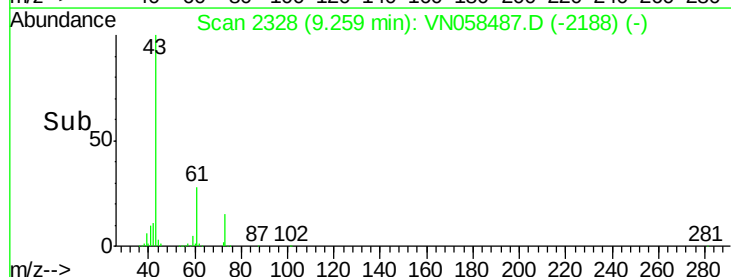
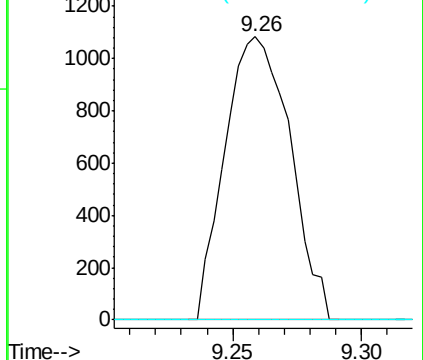
63 100

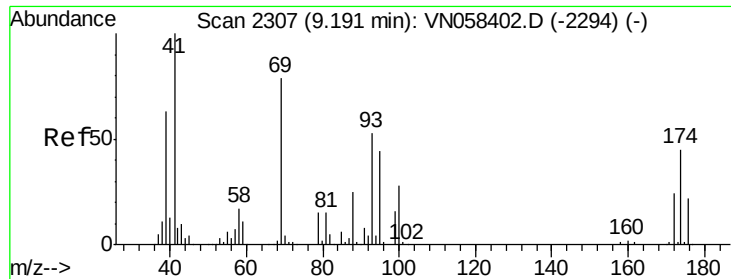
65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

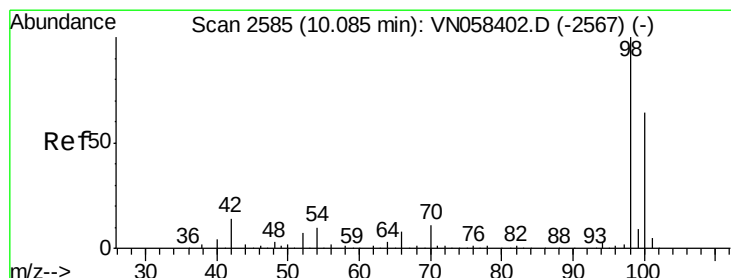
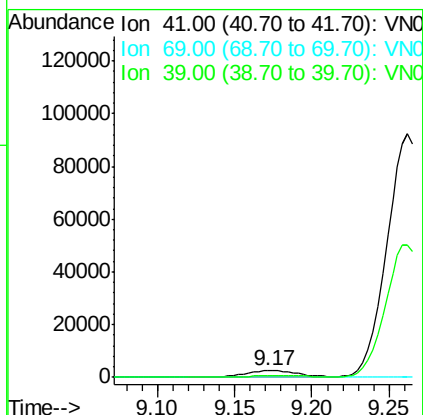
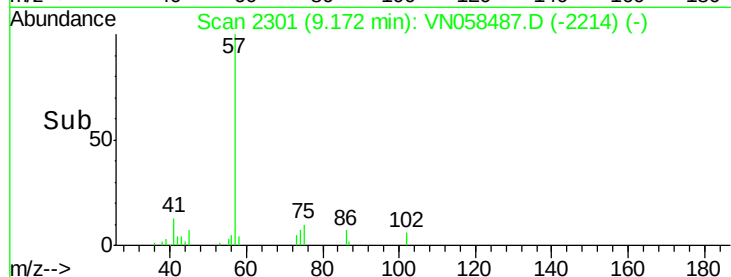
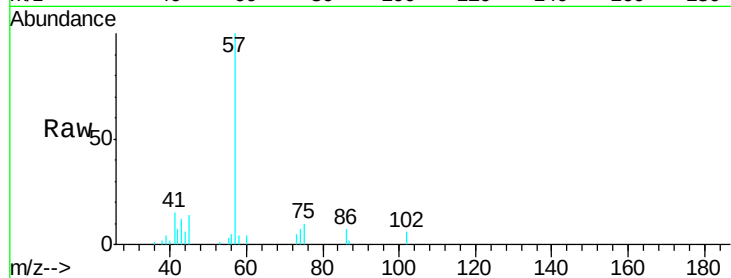




#48
Methyl methacrylate
Concen: 1.508 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. -0.02 min
Lab File: VN058487.D
Acq: 2 Oct 2019 19:58

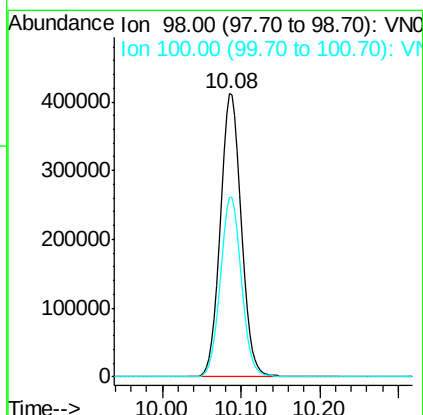
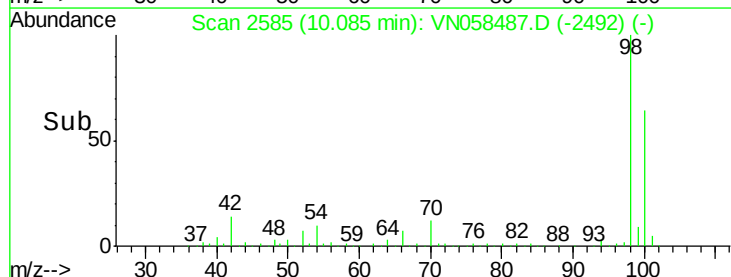
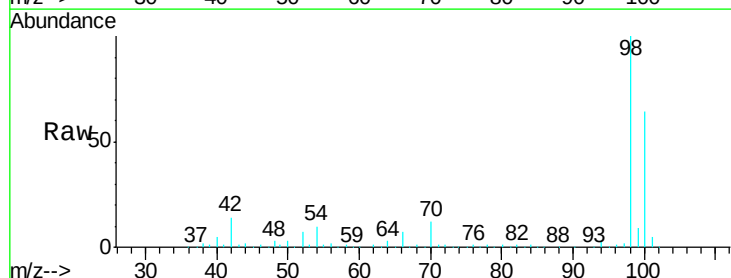
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-2

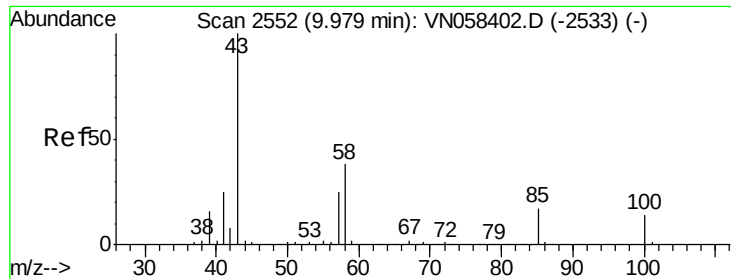
Tgt Ion: 41 Resp: 6300
Ion Ratio Lower Upper
41 100
69 0.0 64.7 97.1#
39 0.0 52.9 79.3#



#50
Toluene-d8
Concen: 52.391 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058487.D
Acq: 2 Oct 2019 19:58

Tgt Ion: 98 Resp: 756938
Ion Ratio Lower Upper
98 100
100 63.5 51.0 76.6

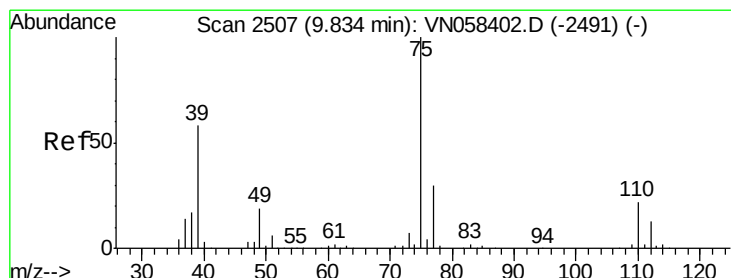
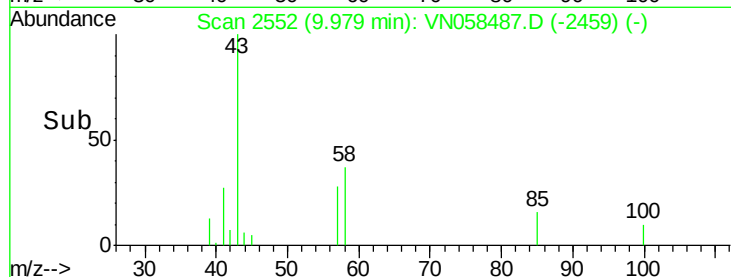
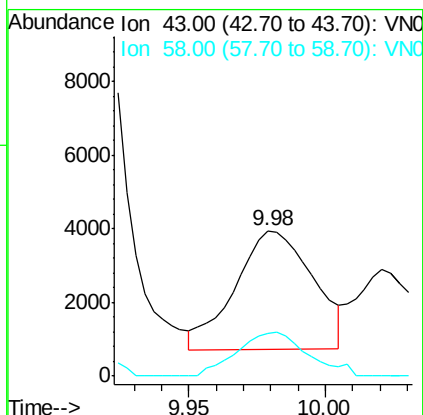
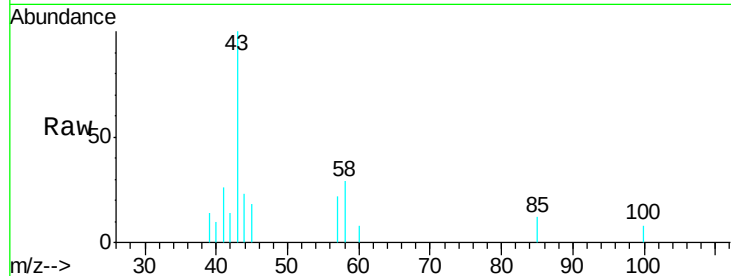




#51
 4-Methyl-2-Pentanone
 Concen: 1.358 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: VN058487.D
 Acq: 2 Oct 2019 19:58

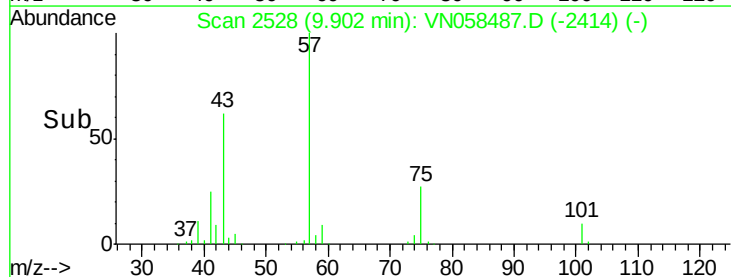
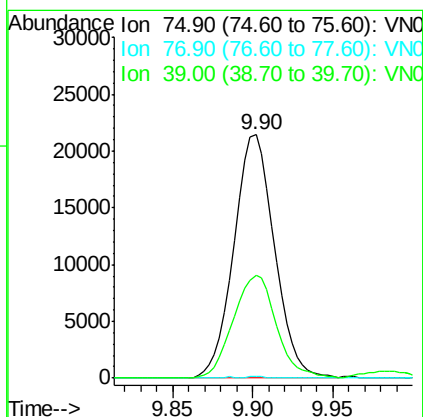
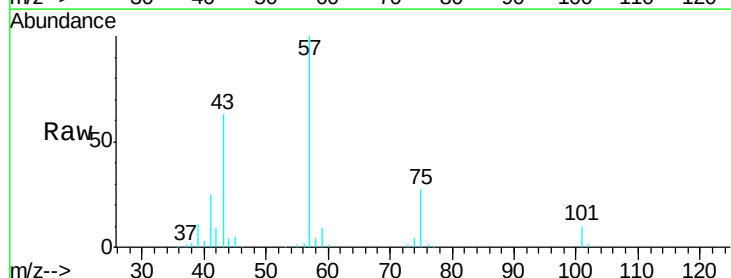
Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-2

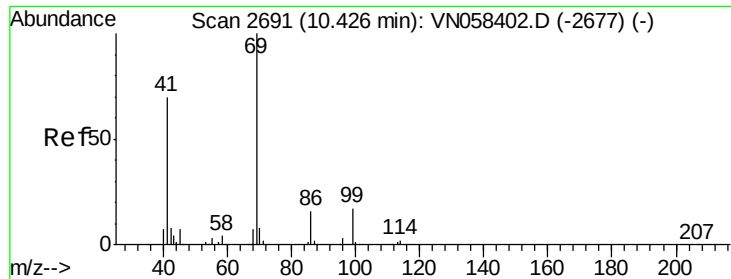
Tgt Ion: 43 Resp: 6398
 Ion Ratio Lower Upper
 43 100
 58 33.3 30.2 45.2



#54
 cis-1,3-Dichloropropene
 Concen: 5.772 ug/l
 RT: 9.90 min Scan# 2528
 Delta R.T. 0.07 min
 Lab File: VN058487.D
 Acq: 2 Oct 2019 19:58

Tgt Ion: 75 Resp: 37120
 Ion Ratio Lower Upper
 75 100
 77 0.8 24.2 36.4#
 39 42.1 46.4 69.6#





#56

Ethyl methacrylate

Concen: 0.287 ug/l

RT: 10.54 min Scan# 2728

Delta R.T. 0.12 min

Lab File: VN058487.D

Acq: 2 Oct 2019 19:58

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-2

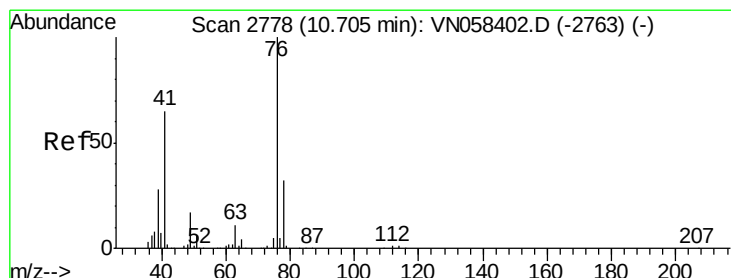
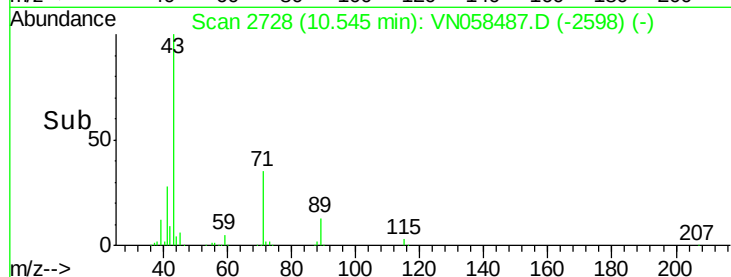
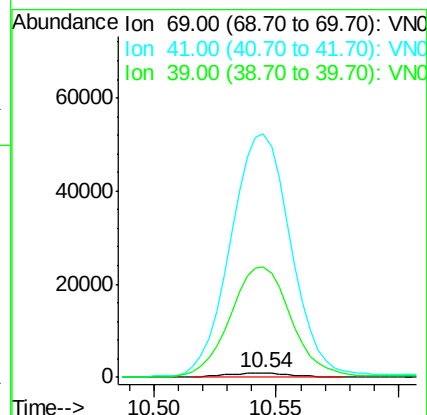
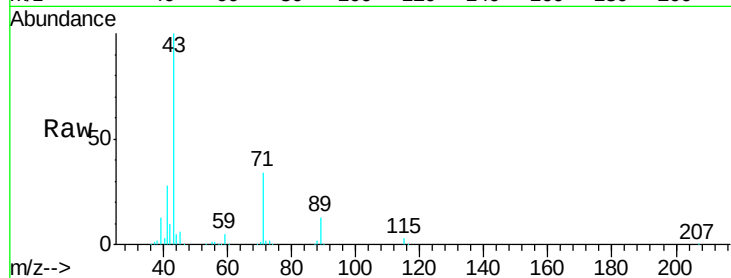
Tgt Ion: 69 Resp: 1649

Ion Ratio Lower Upper

69 100

41 5514.6 56.3 84.5#

39 2523.0 35.8 53.6#



#57

1,3-Dichloropropane

Concen: 1.037 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN058487.D

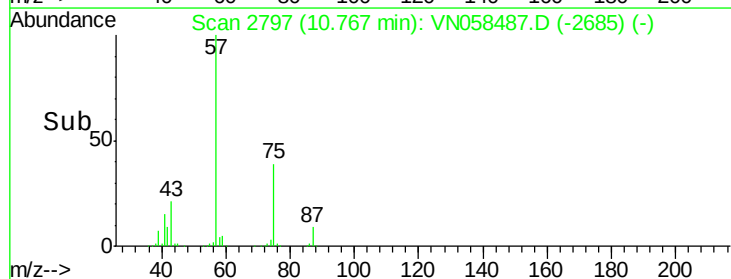
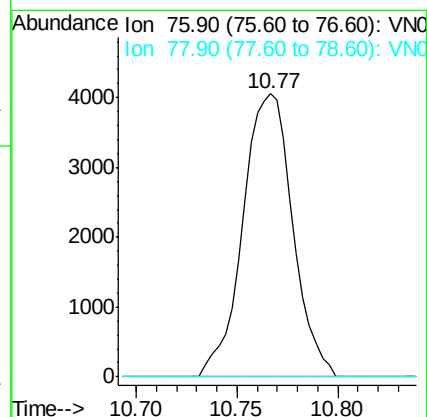
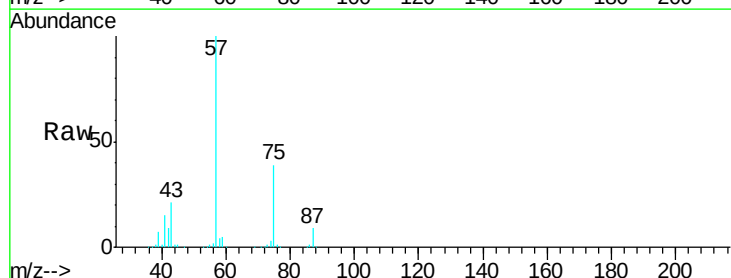
Acq: 2 Oct 2019 19:58

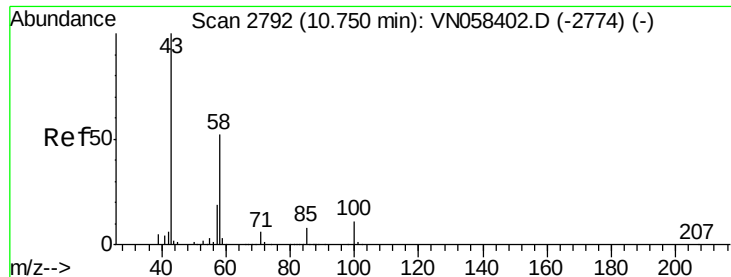
Tgt Ion: 76 Resp: 7013

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#

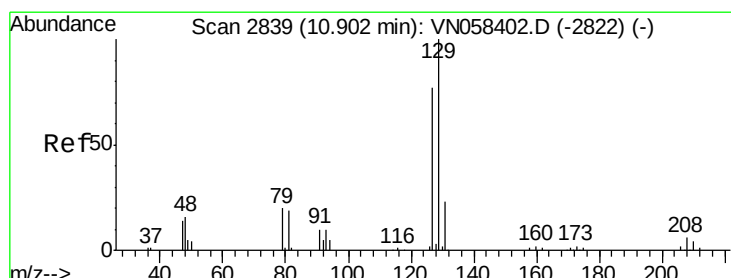
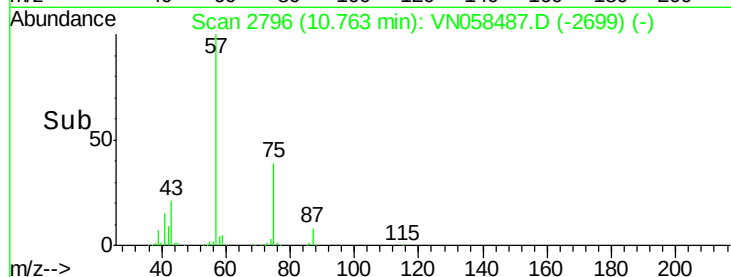
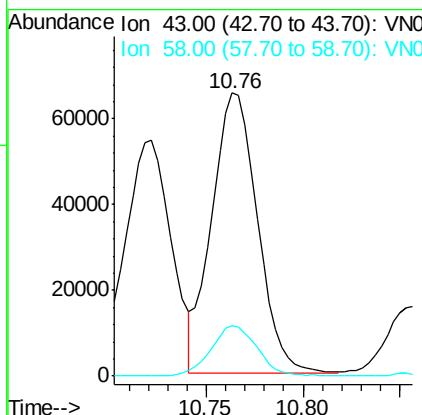
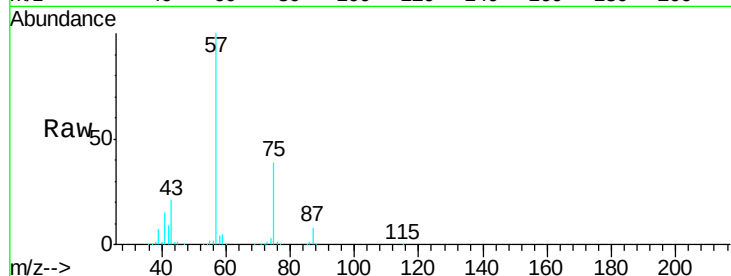




#59
2-Hexanone
Concen: 31.230 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN058487.D
Acq: 2 Oct 2019 19:58

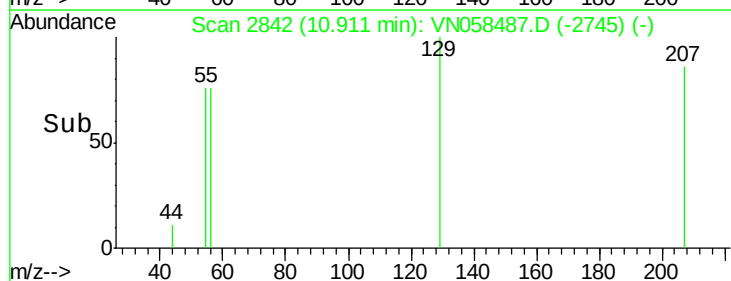
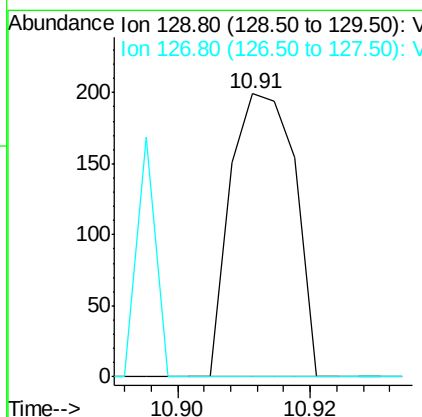
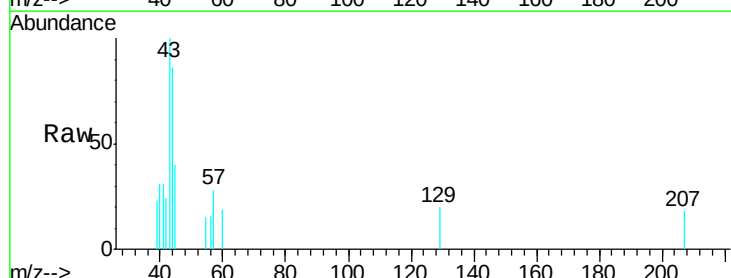
Instrument :
MSVOA_N
ClientSampled :
COMPOSITE-2

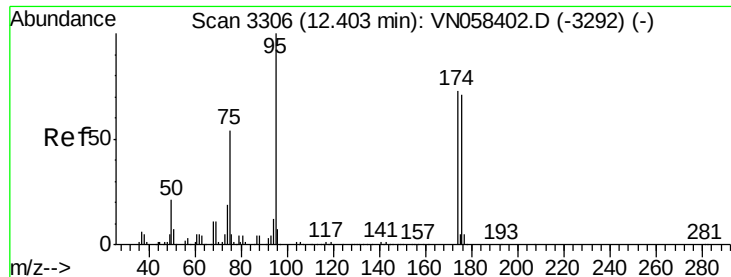
Tgt Ion: 43 Resp: 107157
Ion Ratio Lower Upper
43 100
58 18.4 25.8 77.3#



#60
Dibromochloromethane
Concen: Below Cal
RT: 10.91 min Scan# 2842
Delta R.T. 0.01 min
Lab File: VN058487.D
Acq: 2 Oct 2019 19:58

Tgt Ion: 129 Resp: 135
Ion Ratio Lower Upper
129 100
127 24.4 38.3 114.8#





#62

4-Bromofluorobenzene

Concen: 44.970 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058487.D

Acq: 2 Oct 2019 19:58

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-2

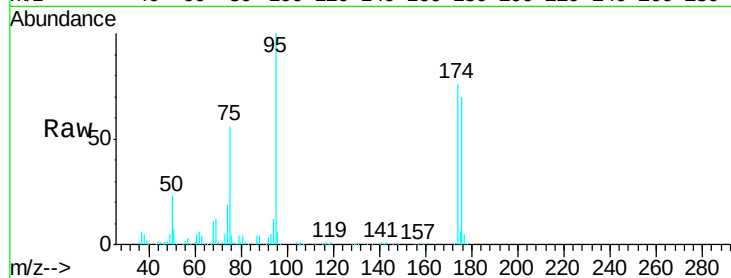
Tgt Ion: 95 Resp: 234926

Ion Ratio Lower Upper

95 100

174 75.1 0.0 150.6

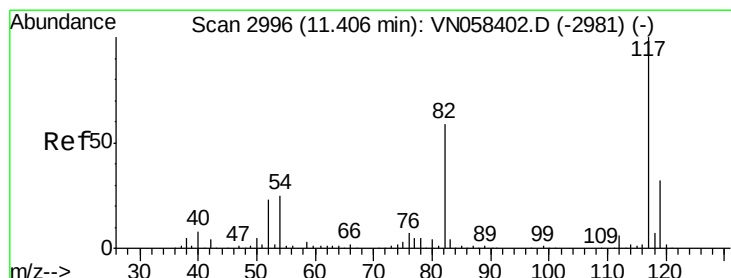
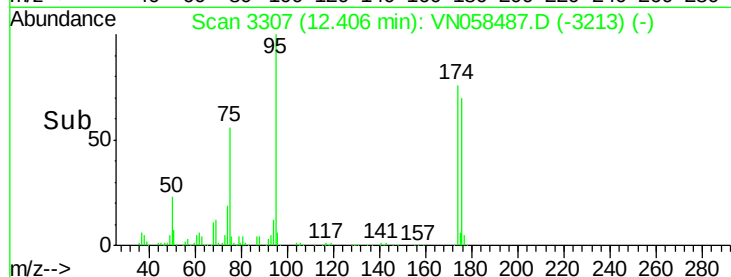
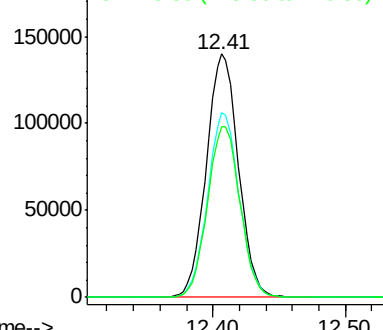
176 71.3 0.0 146.2



Abundance Ion 94.90 (94.60 to 95.60): VN058402.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN058402.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN058402.D (-3292) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058487.D

Acq: 2 Oct 2019 19:58

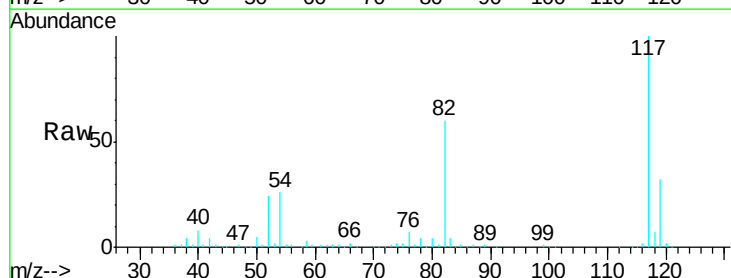
Tgt Ion: 117 Resp: 515147

Ion Ratio Lower Upper

117 100

82 59.9 47.4 71.0

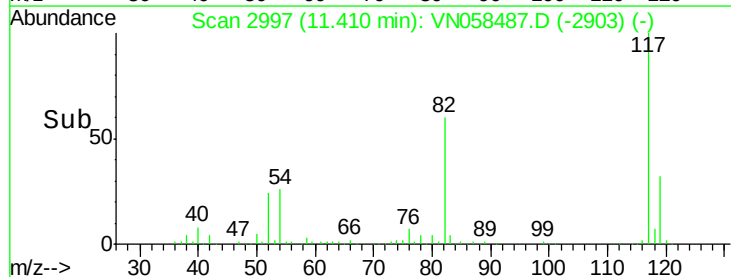
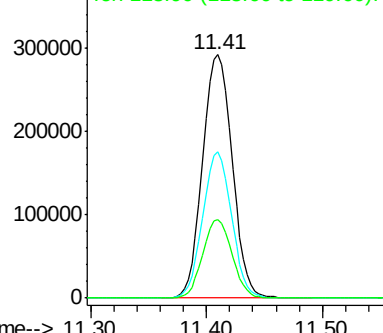
119 32.2 25.5 38.3

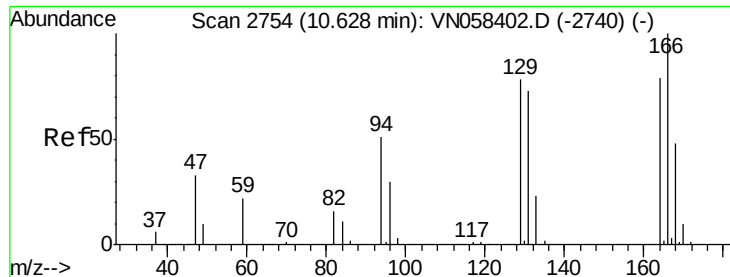


Abundance Ion 116.90 (116.60 to 117.60): VN058402.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN058402.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN058402.D (-2981) (-)





#64

Tetrachloroethene

Concen: 0.450 ug/l

RT: 10.63 min Scan# 2756

Delta R.T. 0.01 min

Lab File: VN058487.D

Acq: 2 Oct 2019 19:58

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-2

Tgt Ion:164 Resp: 1473

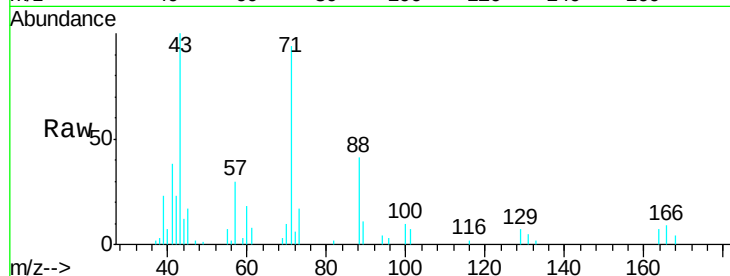
Ion Ratio Lower Upper

164 100

166 129.3 101.1 151.7

129 99.5 79.2 118.8

131 77.9 74.1 111.1

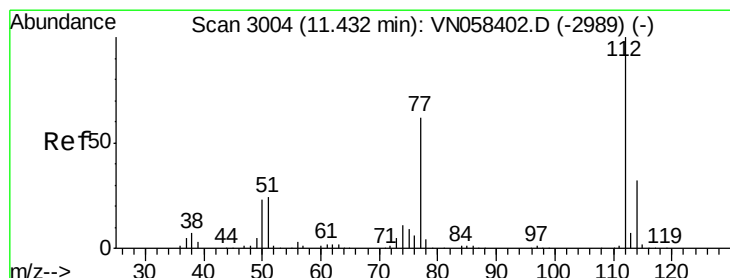
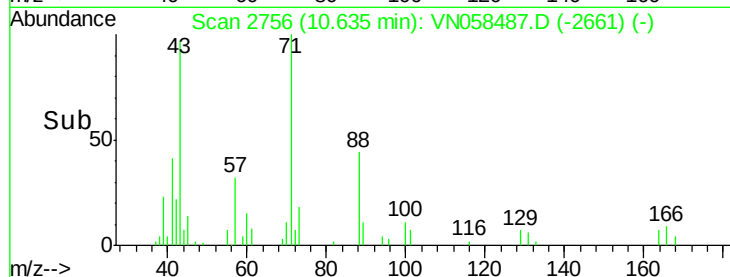
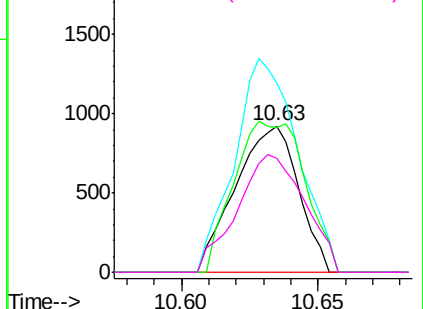


Abundance Ion 163.80 (163.50 to 164.50): V

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: 0.334 ug/l

RT: 11.44 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VN058487.D

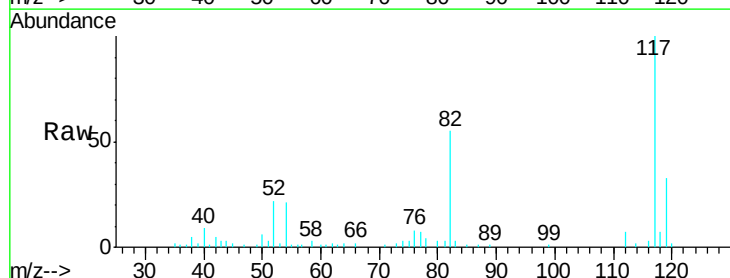
Acq: 2 Oct 2019 19:58

Tgt Ion:112 Resp: 3424

Ion Ratio Lower Upper

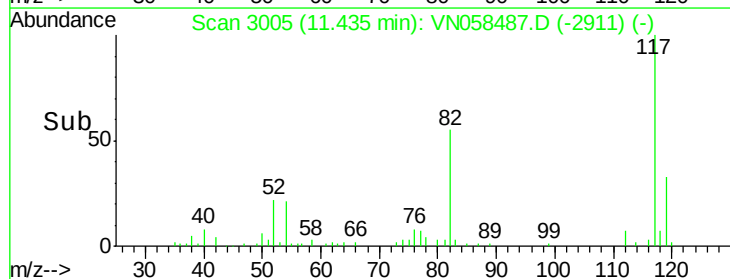
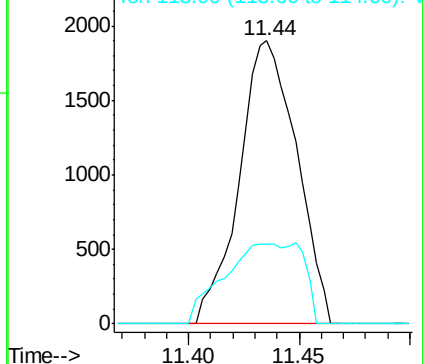
112 100

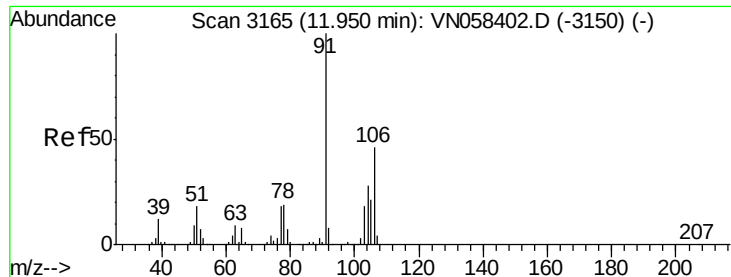
114 28.3 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

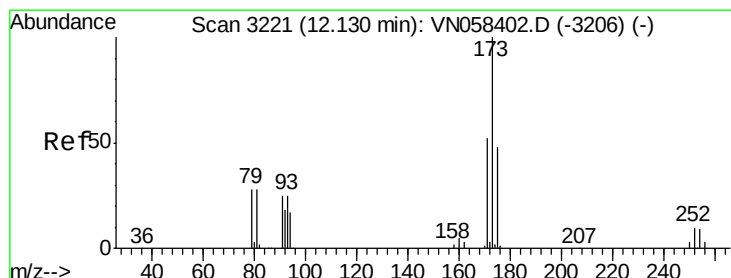
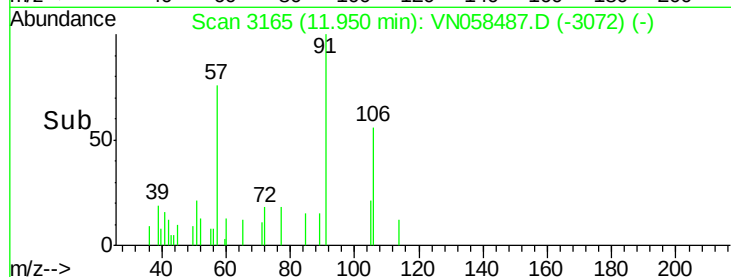
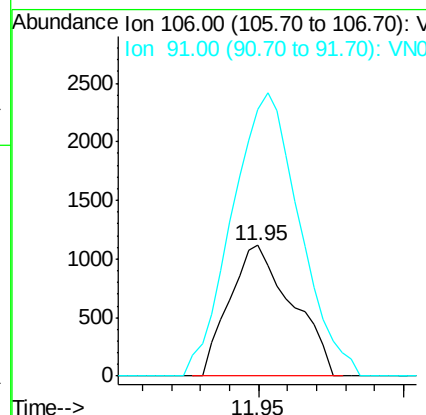
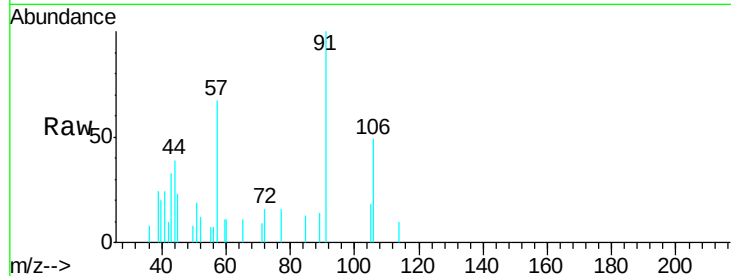




#69
o-Xylene
Concen: 0.249 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058487.D
Acq: 2 Oct 2019 19:58

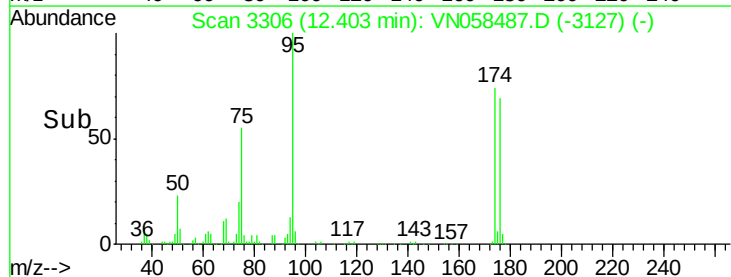
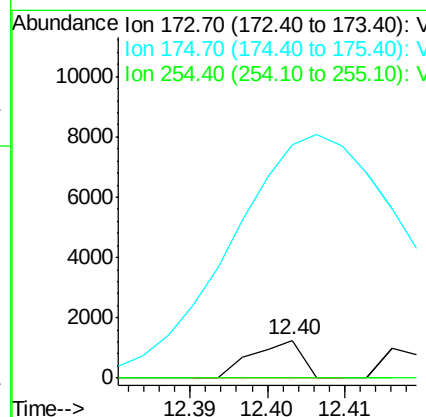
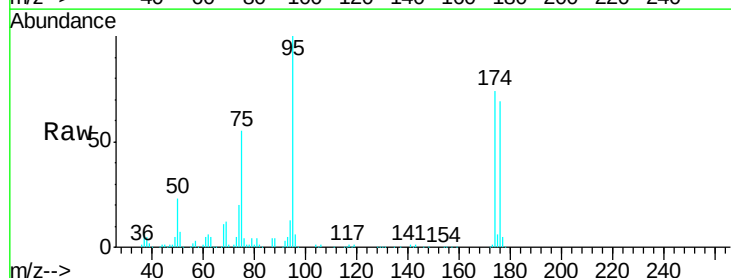
Instrument :
MSVOA_N
ClientSampled :
COMPOSITE-2

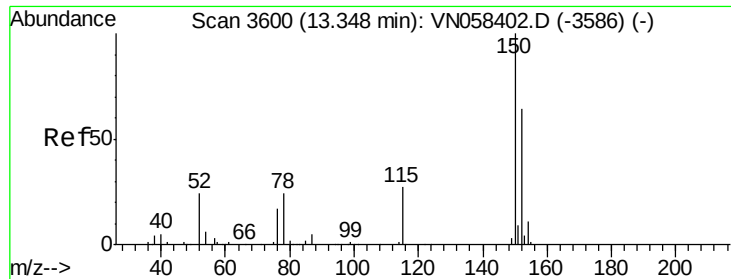
Tgt Ion:106 Resp: 1675
Ion Ratio Lower Upper
106 100
91 233.6 109.1 327.4



#71
Bromoform
Concen: 0.924 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.27 min
Lab File: VN058487.D
Acq: 2 Oct 2019 19:58

Tgt Ion:173 Resp: 555
Ion Ratio Lower Upper
173 100
175 1968.5 24.3 73.0#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058487.D

Acq: 2 Oct 2019 19:58

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-2

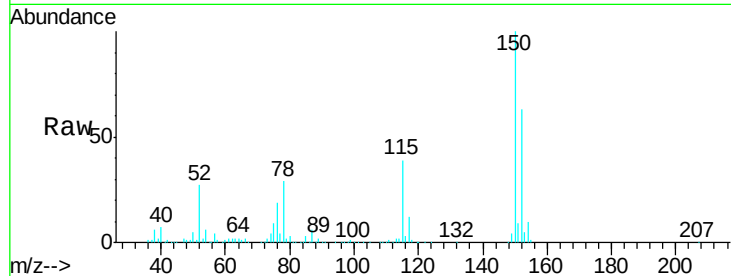
Tgt Ion:152 Resp: 190900

Ion Ratio Lower Upper

152 100

115 62.0 30.0 90.0

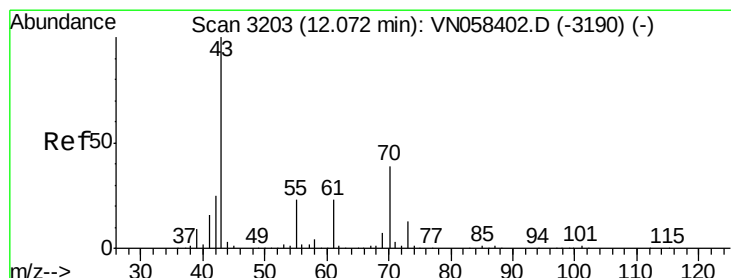
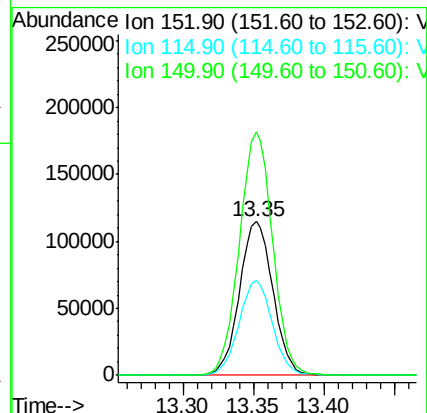
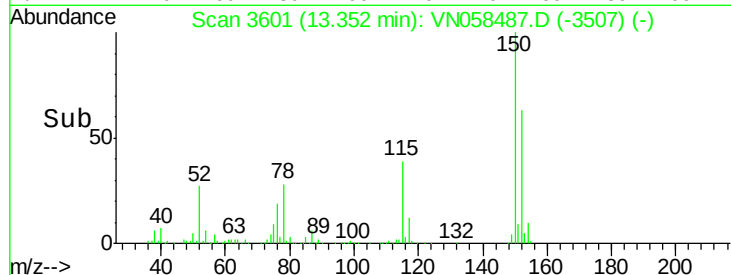
150 157.8 0.0 348.2



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: 0.762 ug/l

RT: 12.04 min Scan# 3192

Delta R.T. -0.04 min

Lab File: VN058487.D

Acq: 2 Oct 2019 19:58

Tgt Ion: 43 Resp: 4274

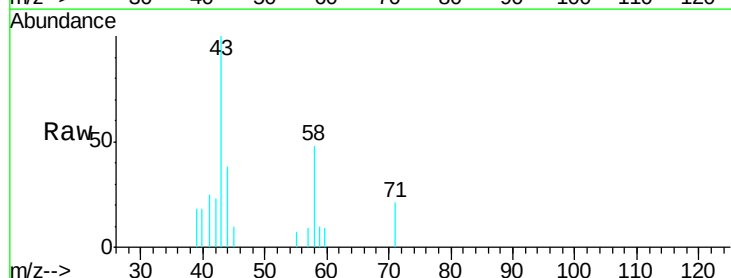
Ion Ratio Lower Upper

43 100

70 0.0 31.4 47.2#

55 1.4 18.2 27.4#

61 0.0 18.3 27.5#

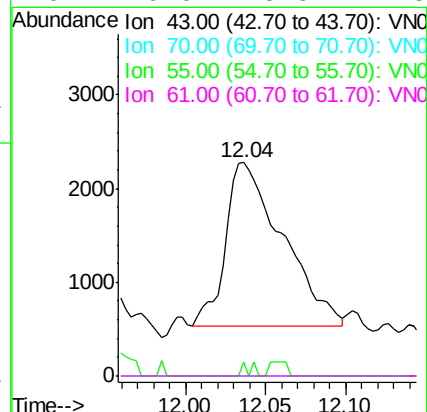
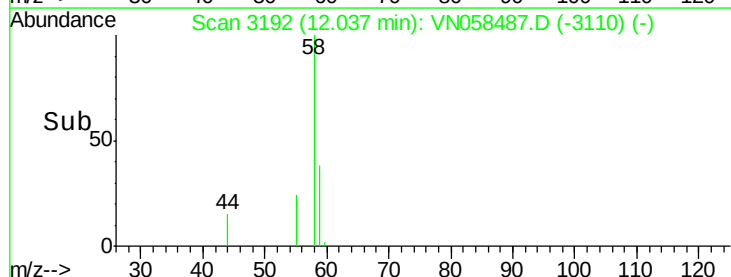


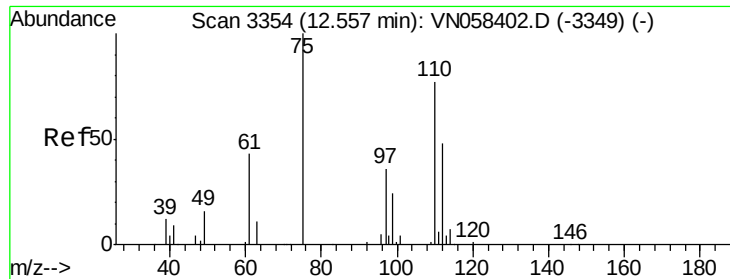
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 37.309 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058487.D

Acq: 2 Oct 2019 19:58

Instrument :

MSVOA_N

ClientSampled :

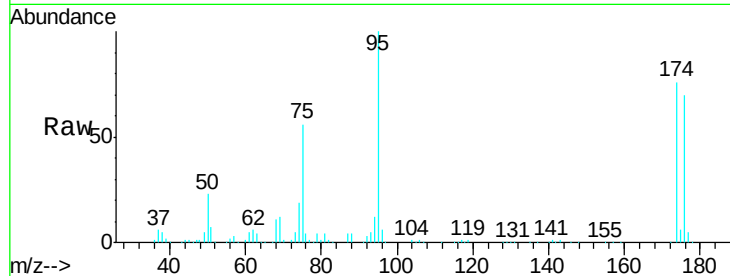
COMPOSITE-2

Tgt Ion: 75 Resp: 130090

Ion Ratio Lower Upper

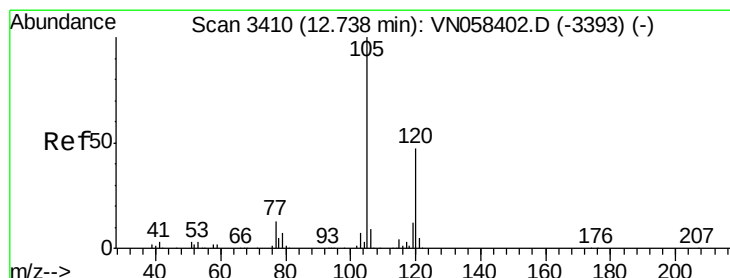
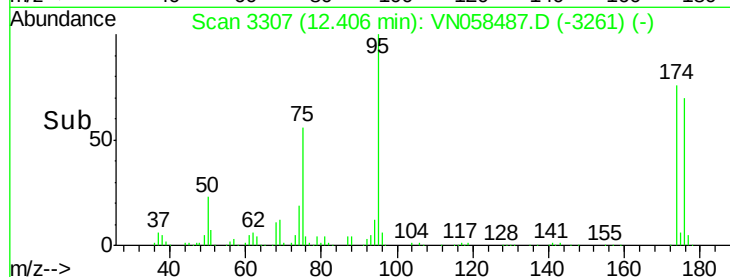
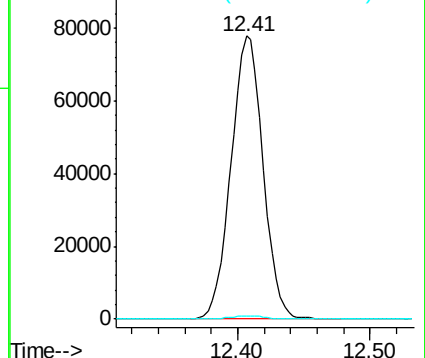
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#80

1,3,5-Trimethylbenzene

Concen: 0.907 ug/l

RT: 12.74 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN058487.D

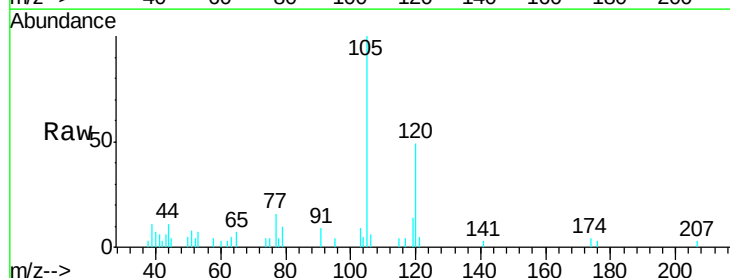
Acq: 2 Oct 2019 19:58

Tgt Ion:105 Resp: 10707

Ion Ratio Lower Upper

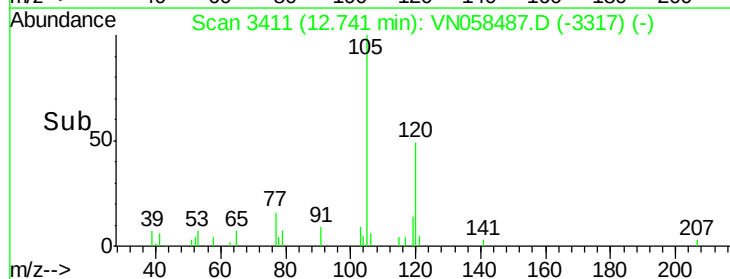
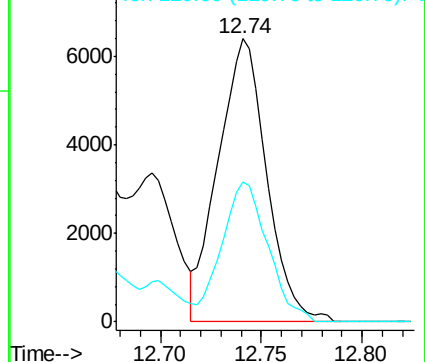
105 100

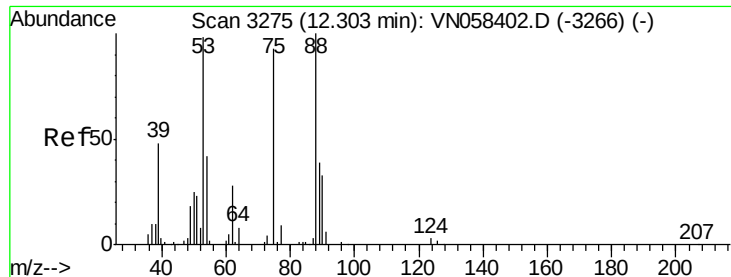
120 47.0 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 113.313 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058487.D

Acq: 2 Oct 2019 19:58

Instrument :

MSVOA_N

ClientSampled :

COMPOSITE-2

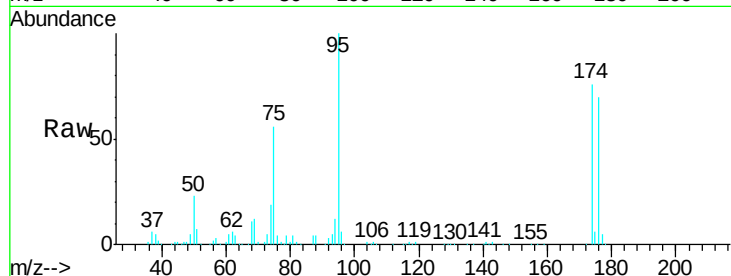
Tgt Ion: 75 Resp: 130090

Ion Ratio Lower Upper

75 100

53 0.0 85.4 128.0#

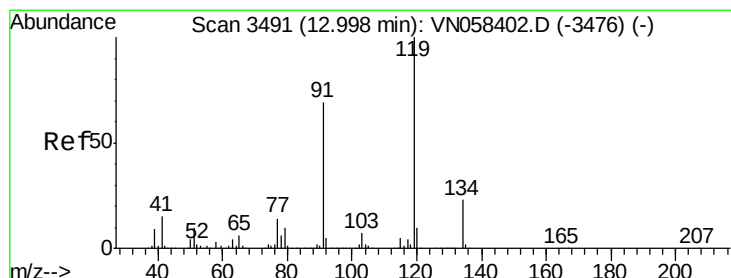
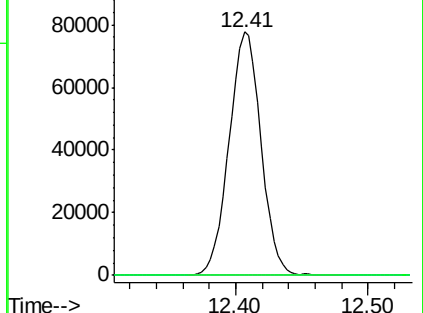
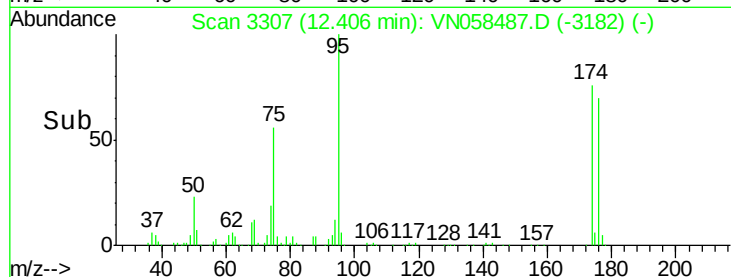
89 0.0 35.0 52.4#



Abundance Ion 74.90 (74.60 to 75.60): VN058402.D (-3266) (-)

Ion 53.00 (52.70 to 53.70): VN058402.D (-3266) (-)

Ion 88.90 (88.60 to 89.60): VN058402.D (-3266) (-)



#83

tert-Butylbenzene

Concen: 0.233 ug/l

RT: 13.05 min Scan# 3507

Delta R.T. 0.05 min

Lab File: VN058487.D

Acq: 2 Oct 2019 19:58

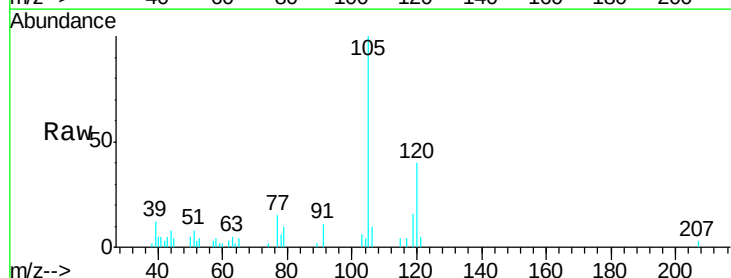
Tgt Ion: 119 Resp: 2317

Ion Ratio Lower Upper

119 100

91 83.0 34.2 102.6

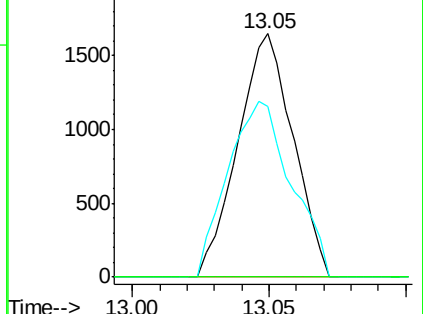
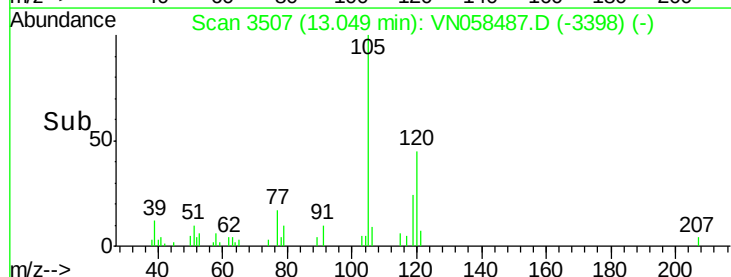
134 0.0 11.6 34.8#

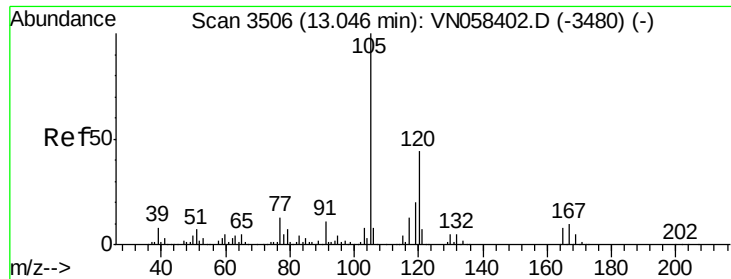


Abundance Ion 119.00 (118.70 to 119.70): VN058402.D (-3476) (-)

Ion 91.00 (90.70 to 91.70): VN058402.D (-3476) (-)

Ion 134.00 (133.70 to 134.70): VN058402.D (-3476) (-)

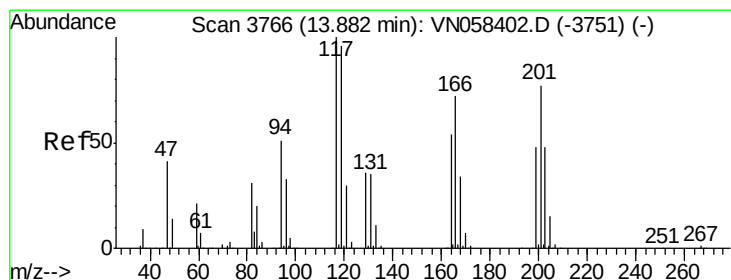
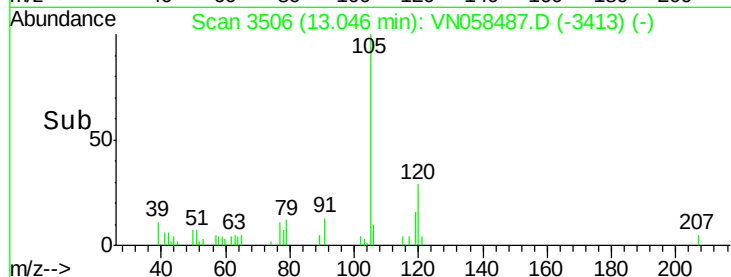
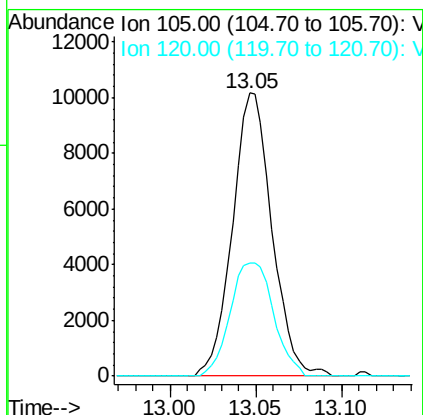
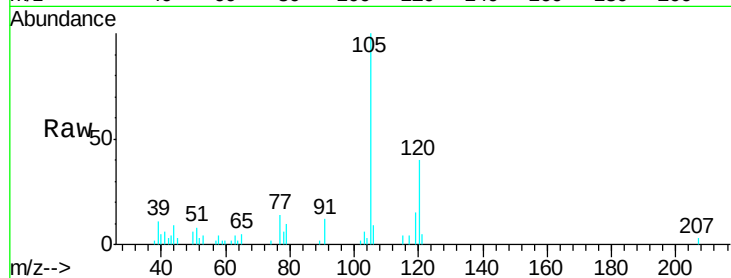




#84
 1,2,4-Trimethylbenzene
 Concen: 1.370 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN058487.D
 Acq: 2 Oct 2019 19:58

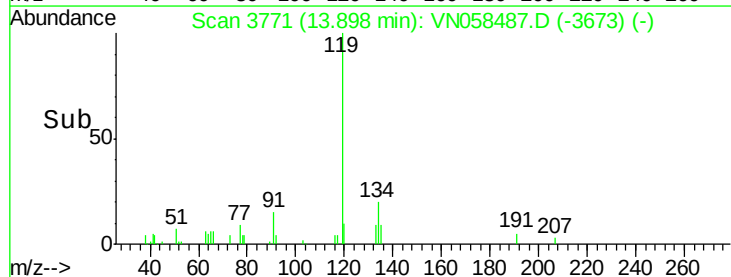
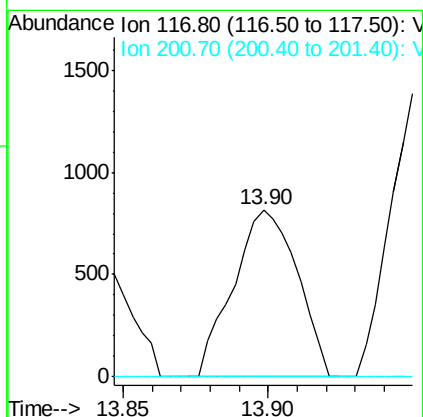
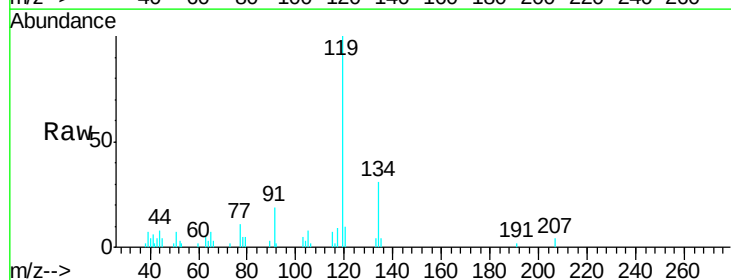
Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-2

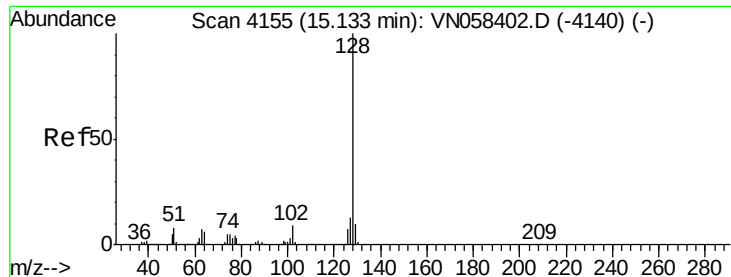
Tgt Ion:105 Resp: 16210
 Ion Ratio Lower Upper
 105 100
 120 43.9 21.7 65.1



#90
 Hexachloroethane
 Concen: 0.722 ug/l
 RT: 13.90 min Scan# 3771
 Delta R.T. 0.02 min
 Lab File: VN058487.D
 Acq: 2 Oct 2019 19:58

Tgt Ion:117 Resp: 1253
 Ion Ratio Lower Upper
 117 100
 201 0.0 38.6 116.0#





#95
Naphthalene
Concen: 0.807 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN058487.D
Acq: 2 Oct 2019 19:58

Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-2

Tgt Ion:128 Resp: 7799
Ion Ratio Lower Upper
128 100
127 10.7 10.2 15.4
129 11.6 8.3 12.5

