

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112519\
 Data File : VN059387.D
 Acq On : 25 Nov 2019 16:54
 Operator : JC/SP
 Sample : K5568-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 26 00:36:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	329405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	499893	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	437330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	168472	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	180717	45.72	ug/l	0.00
Spiked Amount			Recovery	=	91.44%	
35) Dibromofluoromethane	7.57	113	149277	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	
50) Toluene-d8	10.08	98	610395	51.20	ug/l	0.00
Spiked Amount			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	12.40	95	195335	46.86	ug/l	0.00
Spiked Amount			Recovery	=	93.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.74	59	317	0.401	ug/l #	73
13) Acrolein	3.58	56	191	0.264	ug/l #	14
16) Acetone	3.80	43	9021	5.090	ug/l	96
17) Carbon Disulfide	4.03	76	2975	0.406	ug/l #	90
18) Methyl Acetate	4.31	43	4122	0.701	ug/l #	90
20) Methylene Chloride	4.52	84	5172	1.294	ug/l	94
25) 2-Butanone	6.82	43	3510	1.274	ug/l	96
29) Tetrahydrofuran	7.20	42	995	0.522	ug/l #	57
30) Chloroform	7.35	83	30	Below Cal	#	17
31) Cyclohexane	7.64	56	5994	0.861	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	23563	4.566	ug/l #	50
38) Carbon Tetrachloride	7.64	117	30564	6.187	ug/l #	17
41) Methacrylonitrile	7.20	41	594	0.241	ug/l #	100
43) Isopropyl Acetate	8.15	43	93452	11.025	ug/l #	92
45) 1,2-Dichloropropane	9.26	63	1938	0.480	ug/l #	45
48) Methyl methacrylate	9.17	41	5772	1.497	ug/l #	14
49) 1,4-Dioxane	9.26	88	239	4.126	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	6566	1.323	ug/l	92
52) Toluene	10.15	92	8072	0.886	ug/l	100
54) cis-1,3-Dichloropropene	9.90	75	40516	6.474	ug/l #	61
56) Ethyl methacrylate	10.54	69	1150	2.376	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	7295	1.182	ug/l #	42
59) 2-Hexanone	10.76	43	97773	26.913	ug/l #	54
68) m/p-Xylenes	11.62	106	3220	0.516	ug/l	92
69) o-Xylene	11.95	106	1246	0.209	ug/l	78
74) N-amyl acetate	12.04	43	2888	0.521	ug/l #	42
76) 1,2,3-Trichloropropane	12.40	75	94139	24.187	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	3591	0.310	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	94139	60.496	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.05	105	3313	0.292	ug/l	95
89) n-Butylbenzene	13.62	91	2992	0.291	ug/l	86
91) 1,2-Dichlorobenzene	13.66	146	1177	0.204	ug/l	82
92) 1,2-Dibromo-3-Chloropropan	14.27	75	509	0.524	ug/l #	6
93) 1,2,4-Trichlorobenzene	14.92	180	3193	3.776	ug/l	83

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QLast Update : Thu Nov 21 08:44:45 2019
Response via : Initial Calibration

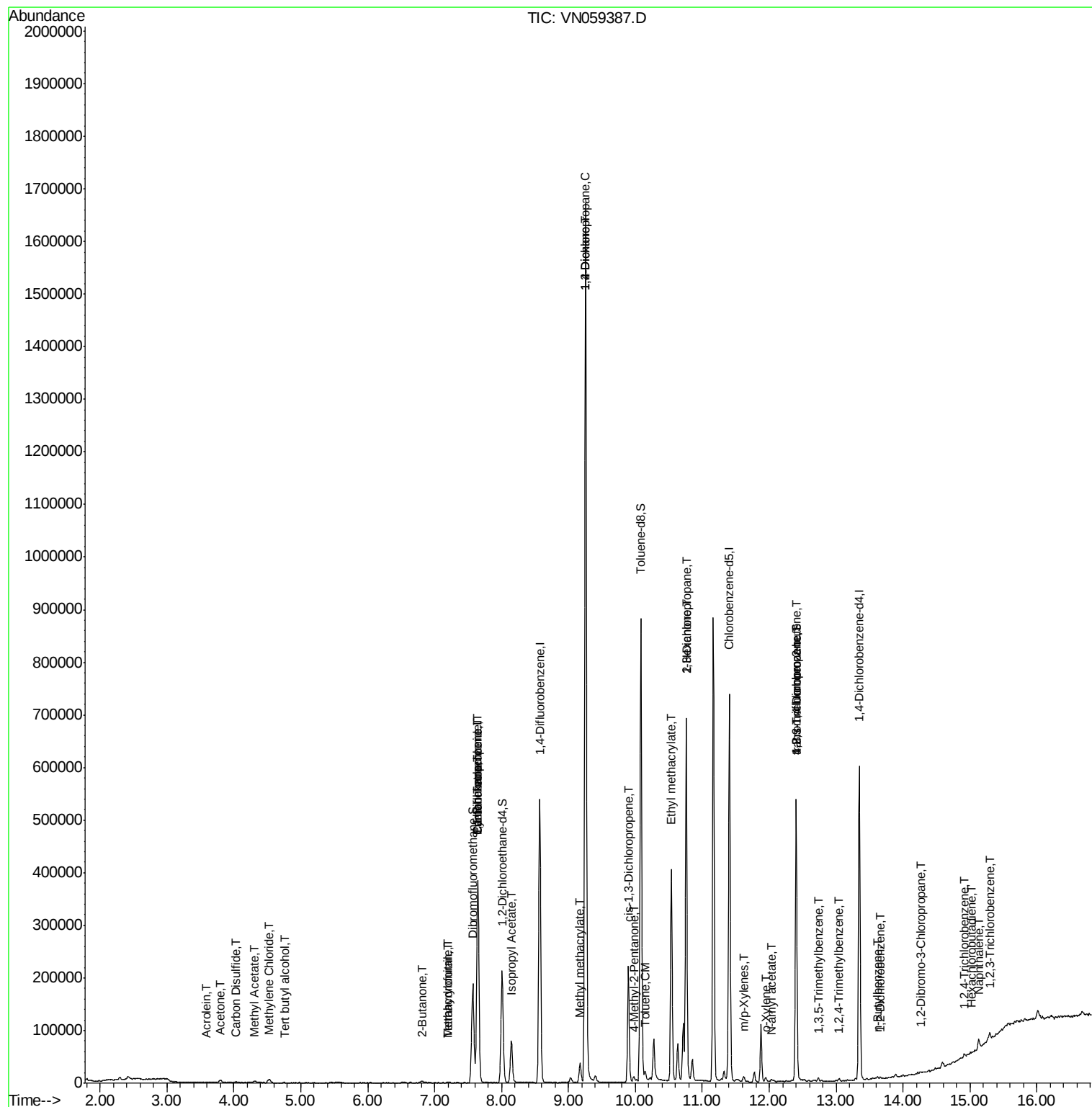
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	672	0.323	ug/l	83
95) Naphthalene	15.13	128	14341	4.521	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	4031	3.003	ug/l	86

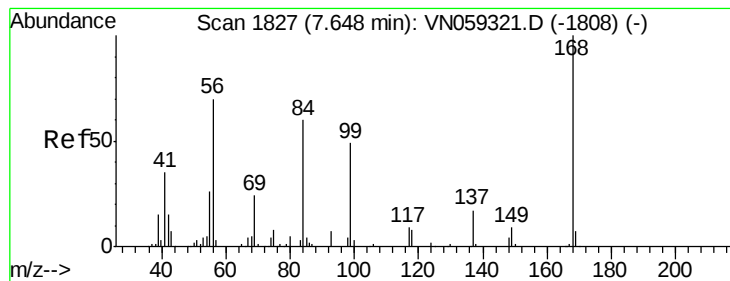
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059387.D

Acq: 25 Nov 2019 16:54

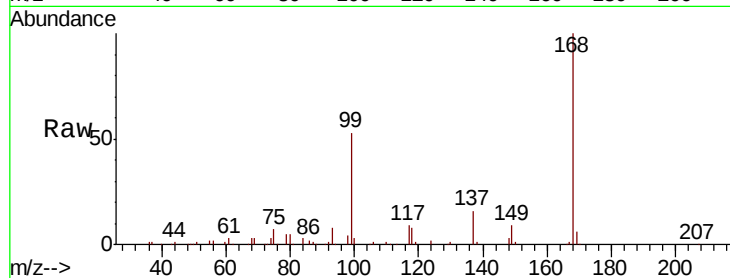
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 329405

Ion Ratio Lower Upper

168 100

99 53.3 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): VN059387.D

Ion 98.90 (98.60 to 99.60): VN059387.D

7.65

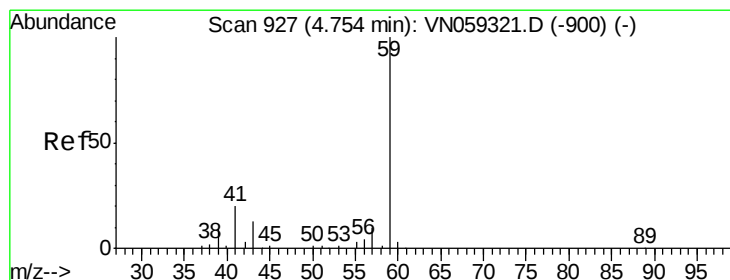
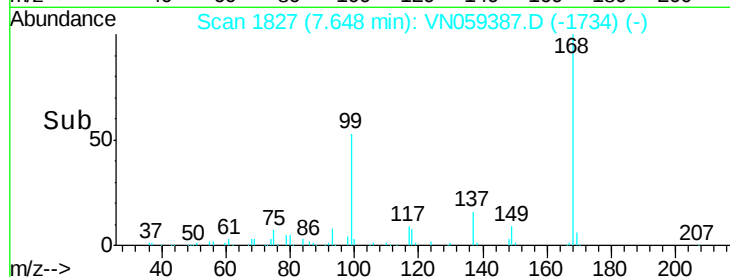
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.401 ug/l

RT: 4.74 min Scan# 924

Delta R.T. -0.01 min

Lab File: VN059387.D

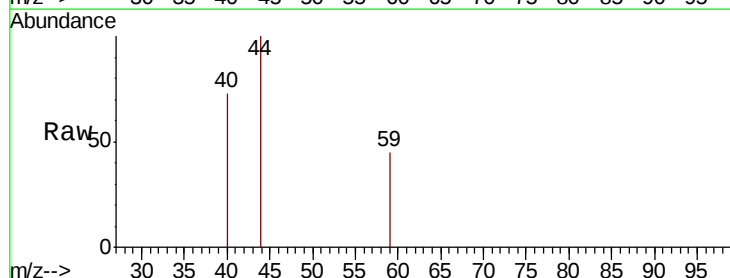
Acq: 25 Nov 2019 16:54

Tgt Ion: 59 Resp: 317

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN059387.D

Ion 57.00 (56.70 to 57.70): VN059387.D

4.74

250

200

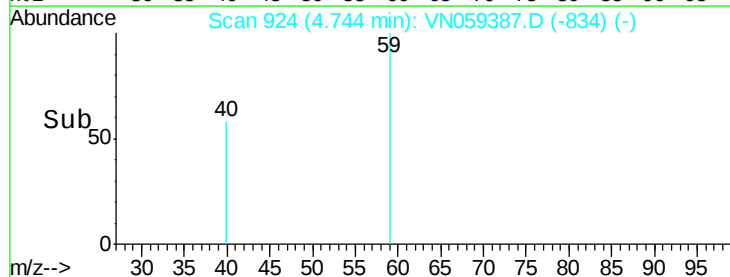
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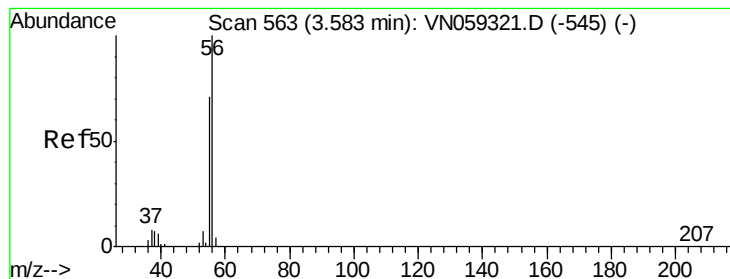
100

50

0

Time-->





#13

Acrolein

Concen: 0.264 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059387.D

Acq: 25 Nov 2019 16:54

Instrument :

MSVOA_N

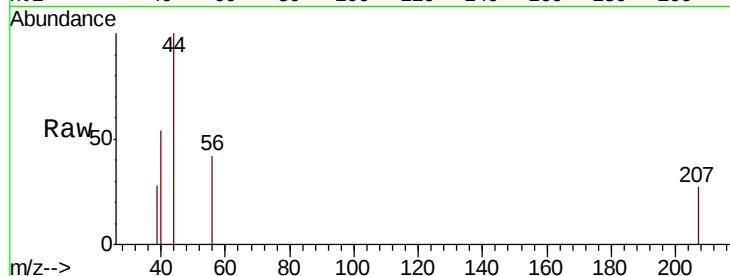
ClientSampled :

Tot Ion: 56 Resp: 191

Ion Ratio Lower Upper

56 100

55 0.0 57.4 86.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.58

250

200

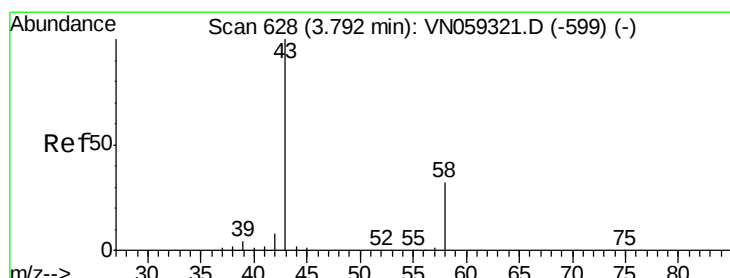
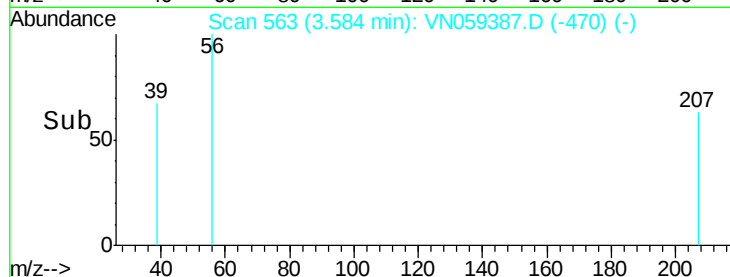
150

100

50

0

Time--> 3.56 3.57 3.58 3.59 3.60



#16

Acetone

Concen: 5.090 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN059387.D

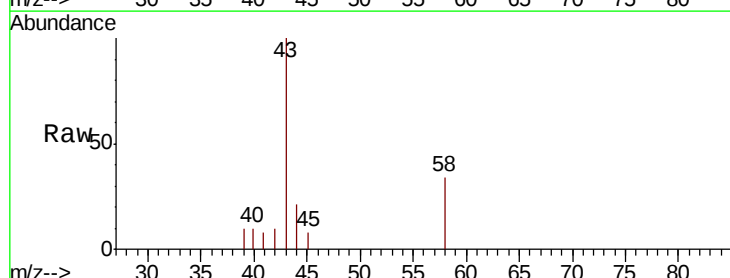
Acq: 25 Nov 2019 16:54

Tgt Ion: 43 Resp: 9021

Ion Ratio Lower Upper

43 100

58 34.2 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.80

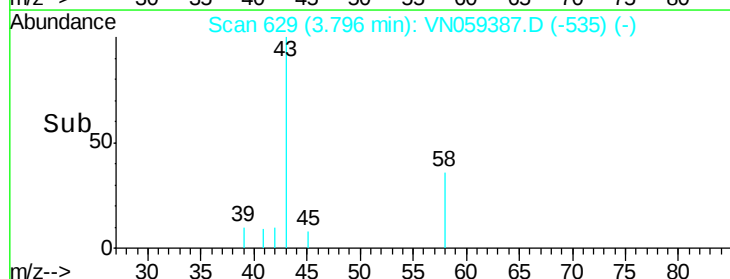
3000

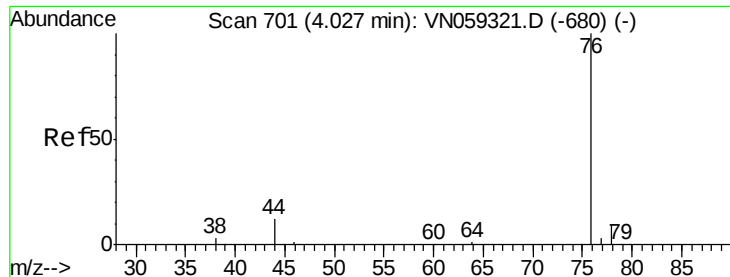
2000

1000

0

Time--> 3.70 3.80 3.90

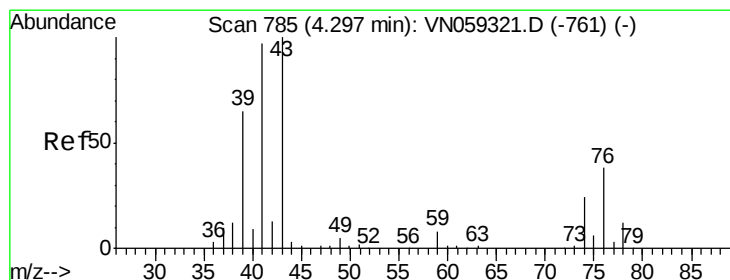
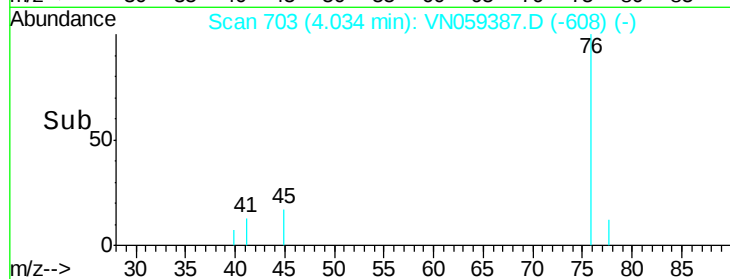
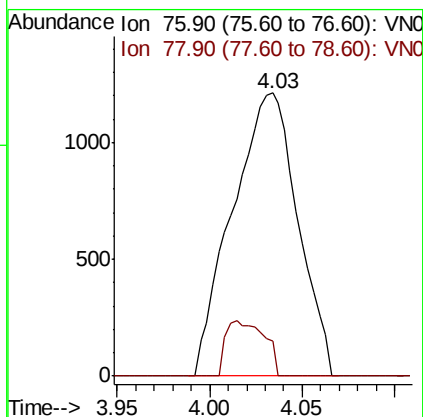
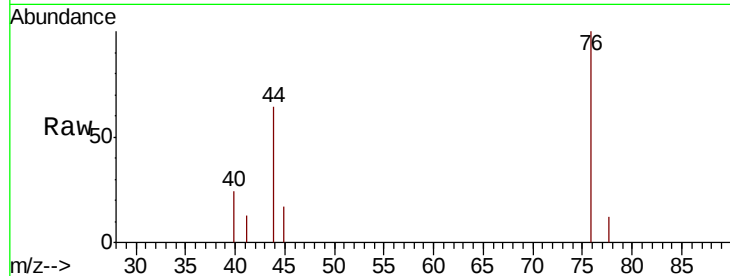




#17
Carbon Disulfide
Concen: 0.406 ug/l
RT: 4.03 min Scan# 703
Delta R.T. 0.01 min
Lab File: VN059387.D
Acq: 25 Nov 2019 16:54

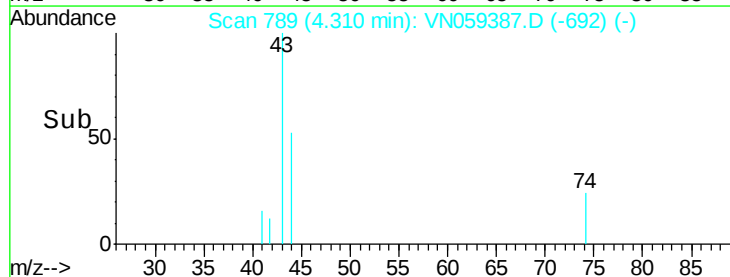
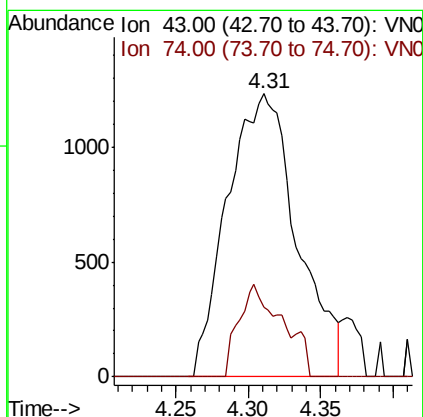
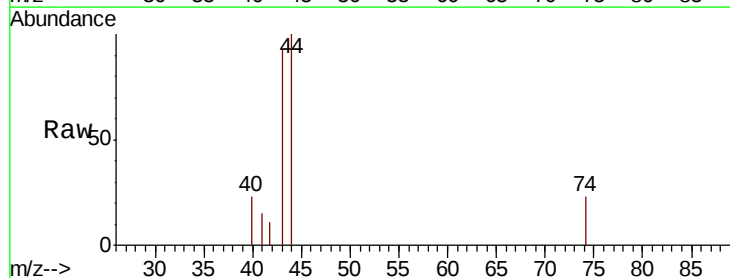
Instrument :
MSVOA_N
ClientSampled :

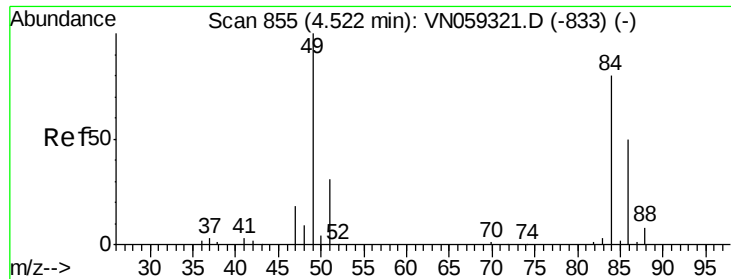
Tot Ion: 76 Resp: 2975
Ion Ratio Lower Upper
76 100
78 12.5 7.2 10.8#



#18
Methyl Acetate
Concen: 0.701 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN059387.D
Acq: 25 Nov 2019 16:54

Tgt Ion: 43 Resp: 4122
Ion Ratio Lower Upper
43 100
74 18.0 18.1 27.1#

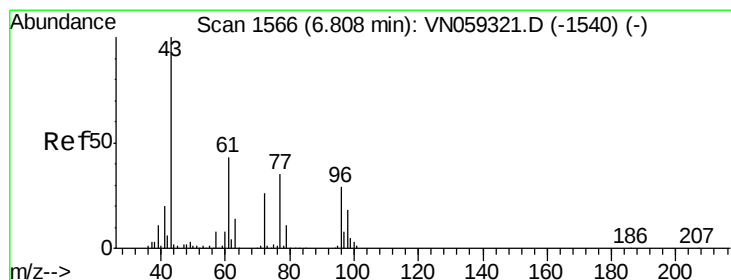
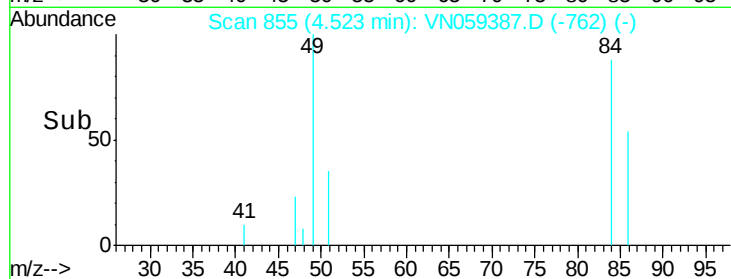
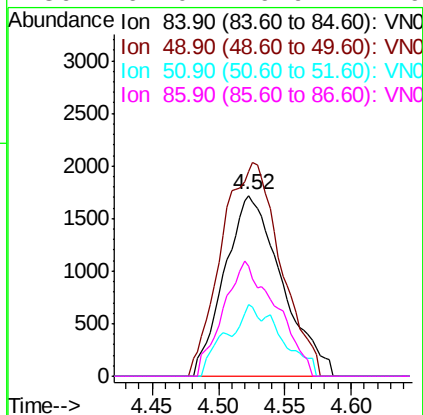
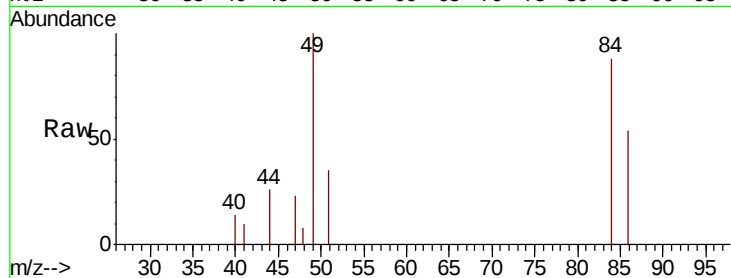




#20
Methvlene Chloride
Concen: 1.294 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059387.D
Acq: 25 Nov 2019 16:54

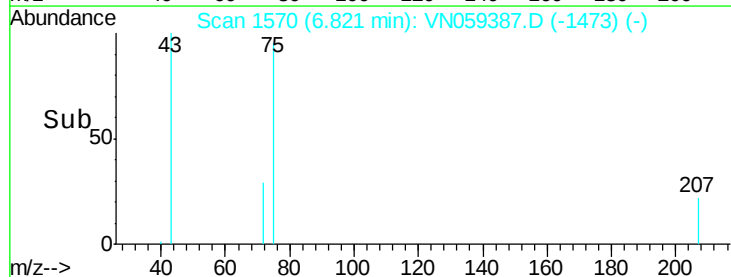
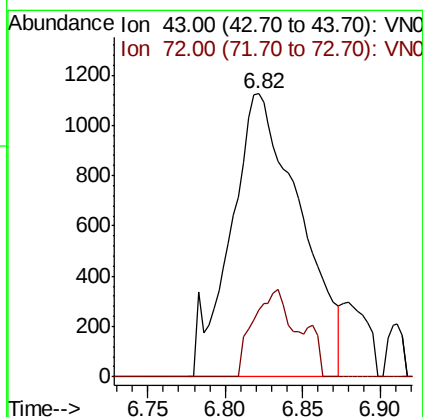
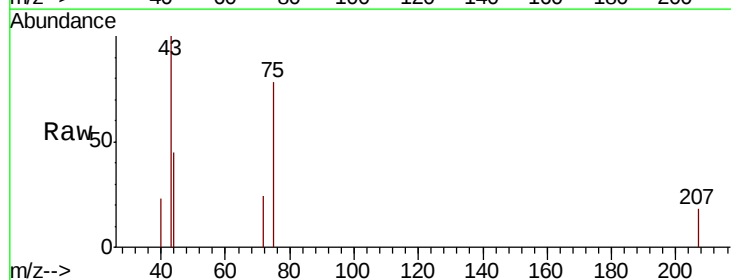
Instrument :
MSVOA_N
ClientSampled :

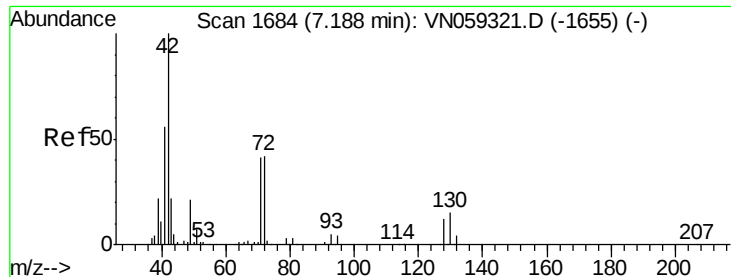
Tot Ion: 84 Resp: 5172
Ion Ratio Lower Upper
84 100
49 113.4 99.5 149.3
51 39.4 31.1 46.7
86 61.0 49.9 74.9



#25
2-Butanone
Concen: 1.274 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN059387.D
Acq: 25 Nov 2019 16:54

Tgt Ion: 43 Resp: 3510
Ion Ratio Lower Upper
43 100
72 23.7 20.5 30.7

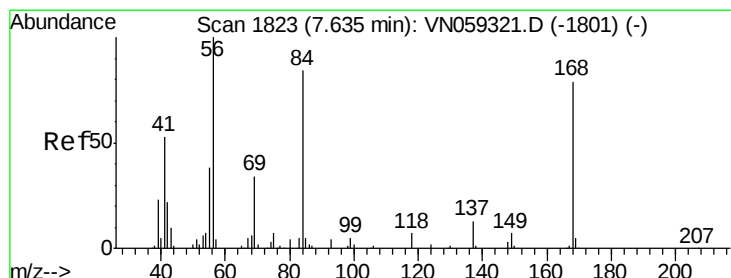
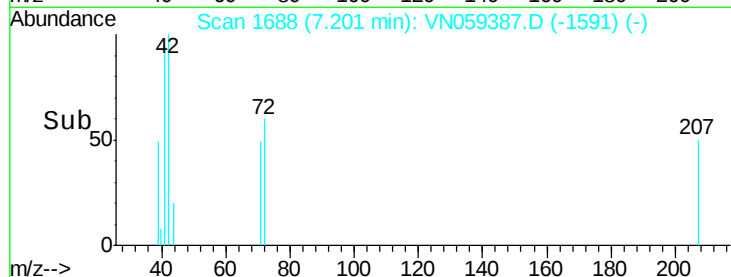
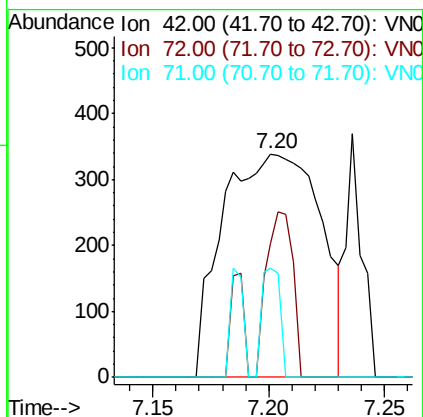
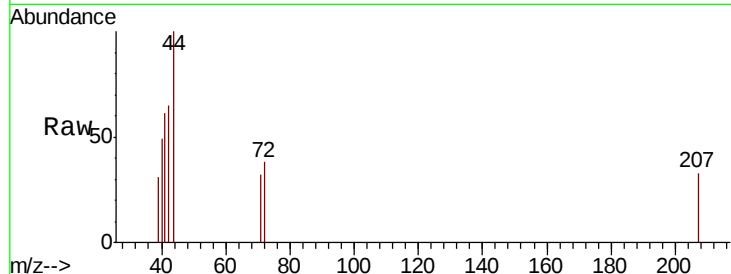




#29
Tetrahydrofuran
Concen: 0.522 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.01 min
Lab File: VN059387.D
Acq: 25 Nov 2019 16:54

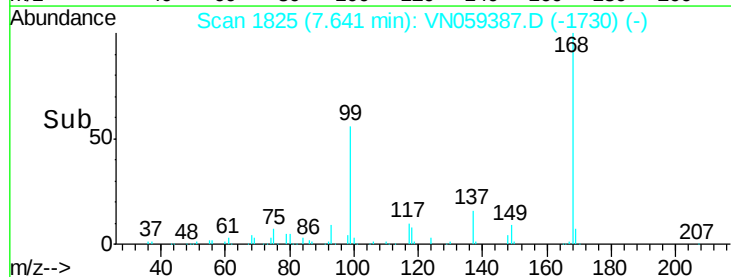
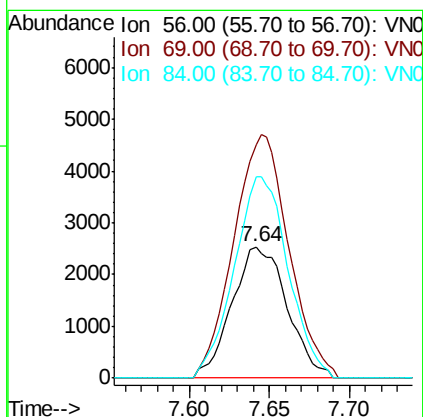
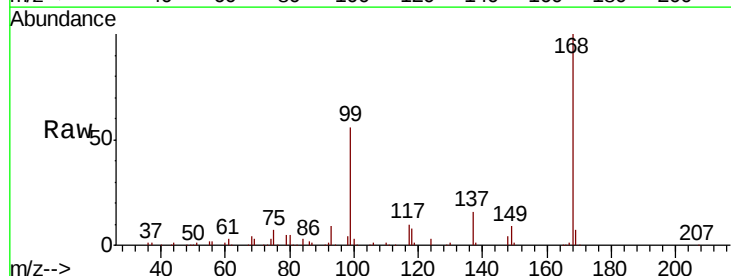
Instrument :
MSVOA_N
ClientSampled :

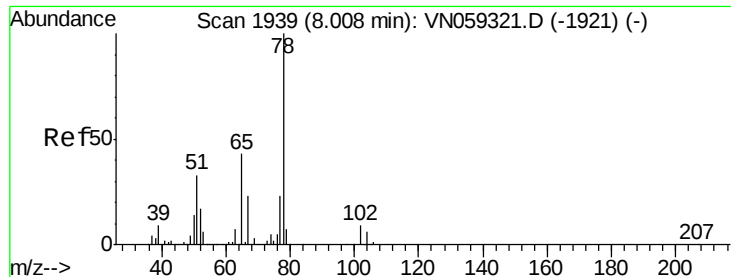
Tot Ion: 42 Resp: 995
Ion Ratio Lower Upper
42 100
72 20.0 34.2 51.2#
71 9.3 32.6 48.8#



#31
Cyclohexane
Concen: 0.861 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN059387.D
Acq: 25 Nov 2019 16:54

Tgt Ion: 56 Resp: 5994
Ion Ratio Lower Upper
56 100
69 178.0 26.6 40.0#
84 153.2 67.0 100.4#

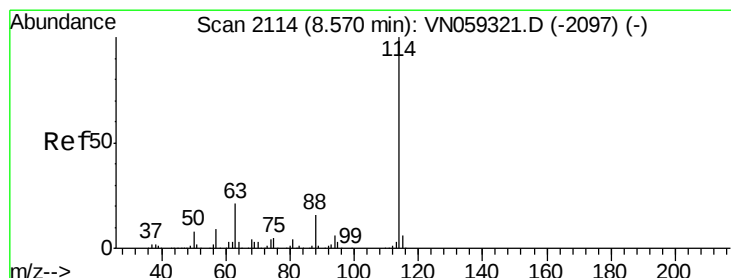
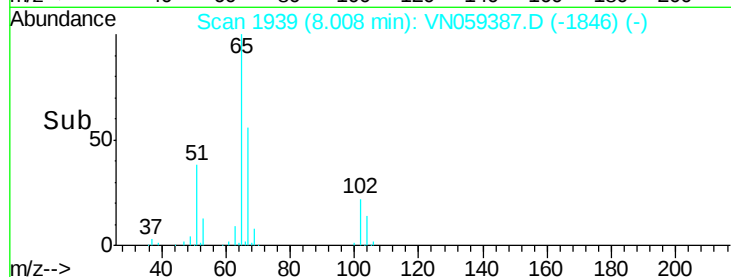
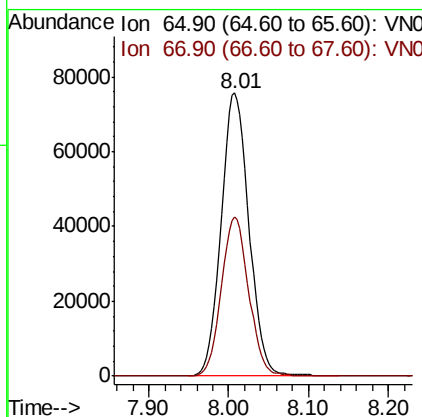
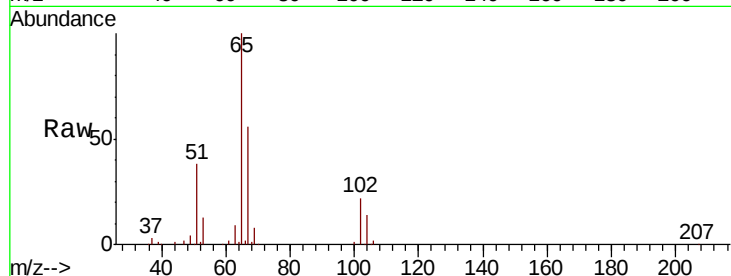




#33
 1,2-Dichloroethane-d4
 Concen: 45.724 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059387.D
 Acq: 25 Nov 2019 16:54

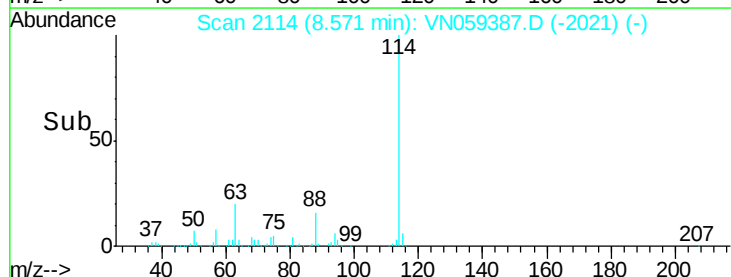
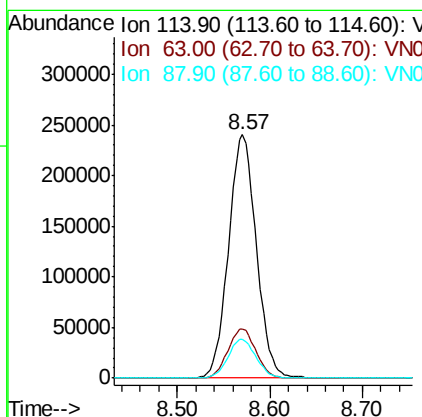
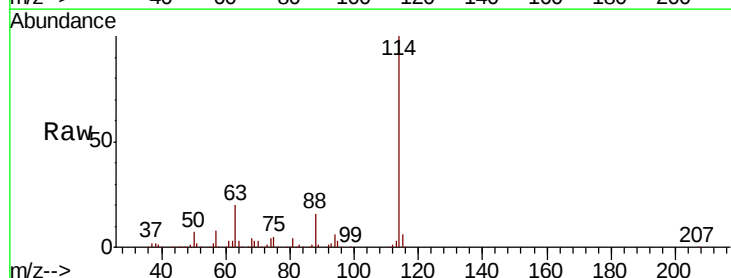
Instrument :
 MSVOA_N
 ClientSampleId :

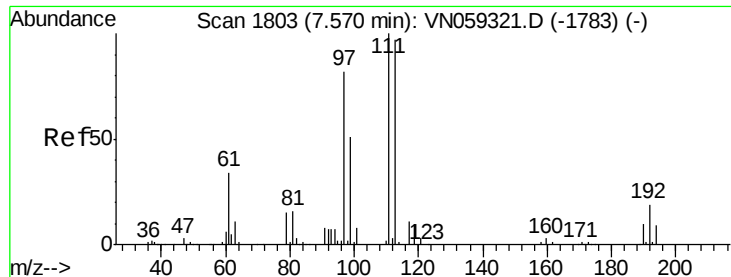
Tot Ion: 65 Resp: 180717
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059387.D
 Acq: 25 Nov 2019 16:54

Tgt Ion: 114 Resp: 499893
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.2
 88 15.9 0.0 32.2

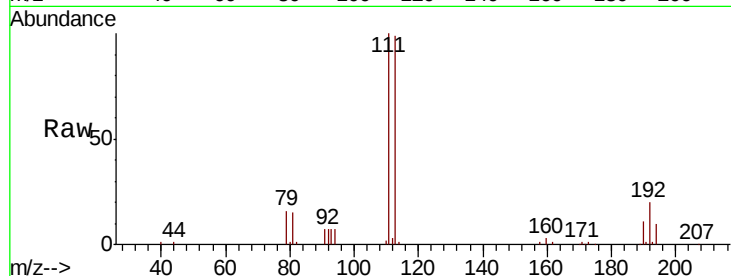




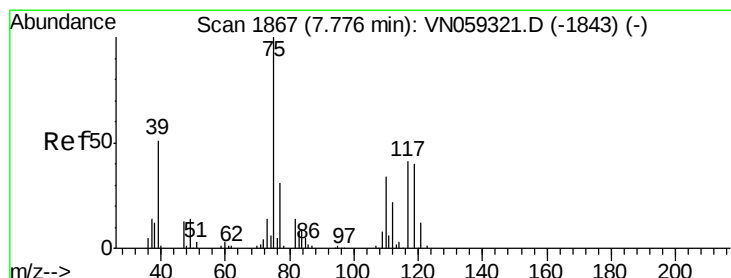
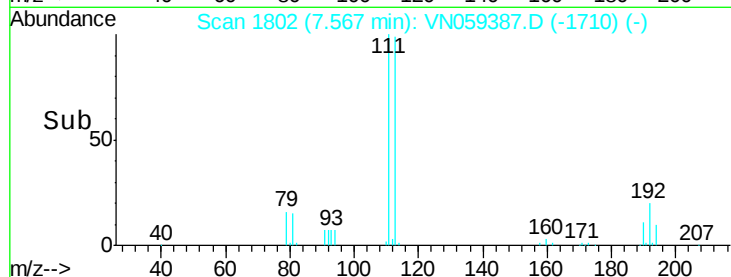
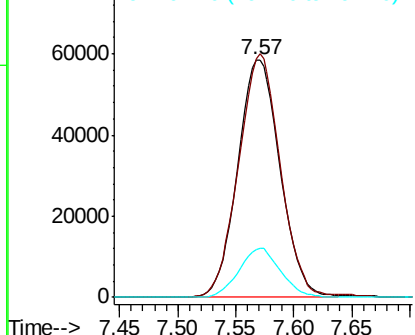
#35
 Dibromofluoromethane
 Concen: 49.774 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059387.D
 Acq: 25 Nov 2019 16:54

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.7	124.1
192	20.3	16.3	24.5

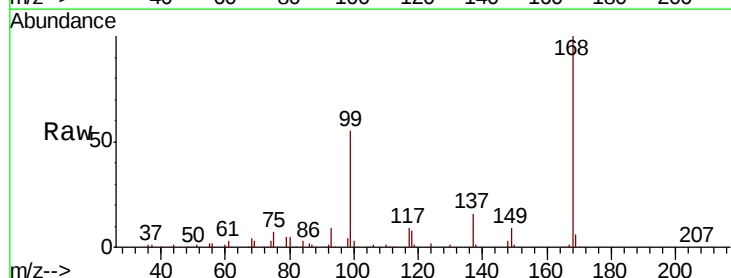


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

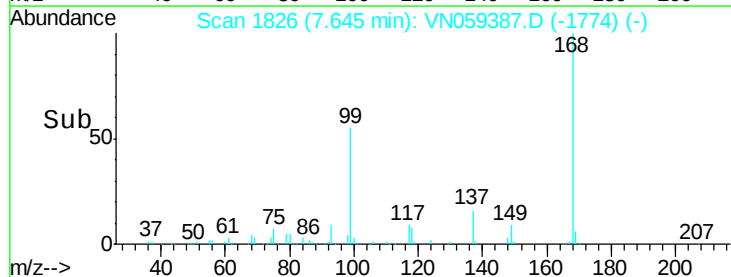
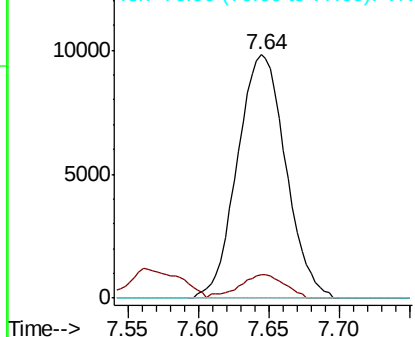


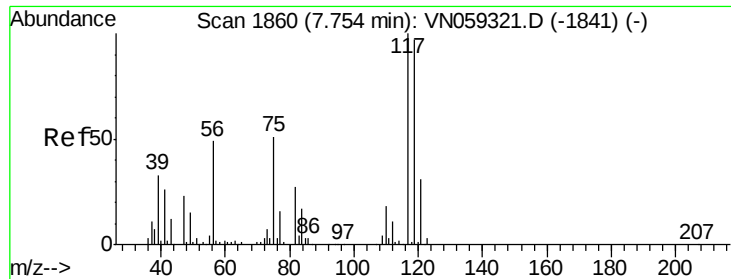
#36
 1,1-Dichloropropene
 Concen: 4.566 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059387.D
 Acq: 25 Nov 2019 16:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.0	51.0#
77	0.0	24.8	37.2#



Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VNO





#38

Carbon Tetrachloride

Concen: 6.187 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.11 min

Lab File: VN059387.D

Acq: 25 Nov 2019 16:54

Instrument :

MSVOA_N

ClientSampleId :

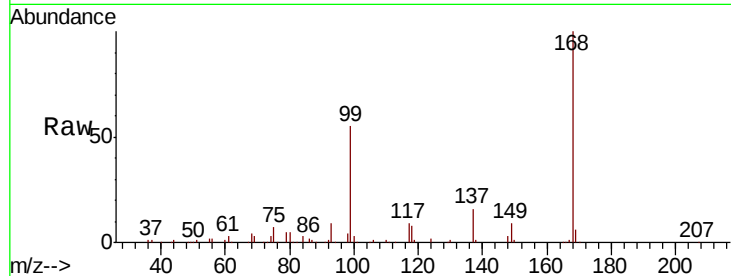
Tot Ion:117 Resp: 30564

Ion Ratio Lower Upper

117 100

119 6.0 77.0 115.4#

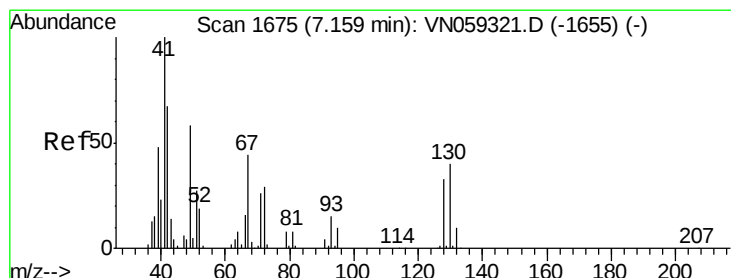
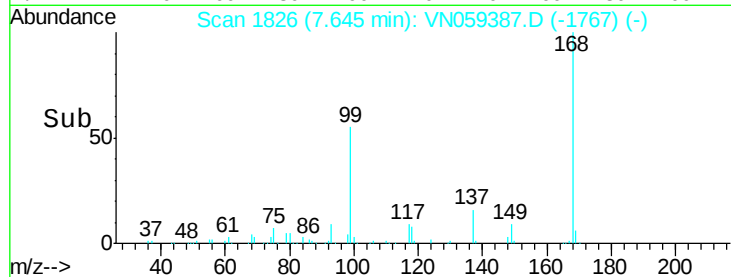
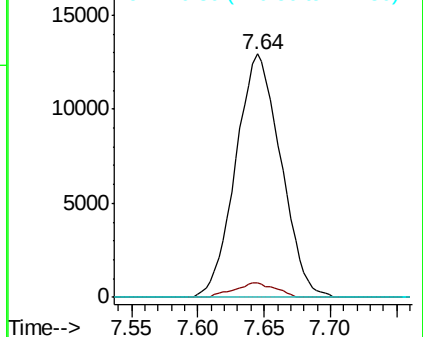
121 0.0 24.4 36.6#



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



#41

Methacrylonitrile

Concen: 0.241 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.04 min

Lab File: VN059387.D

Acq: 25 Nov 2019 16:54

Tgt Ion: 41 Resp: 594

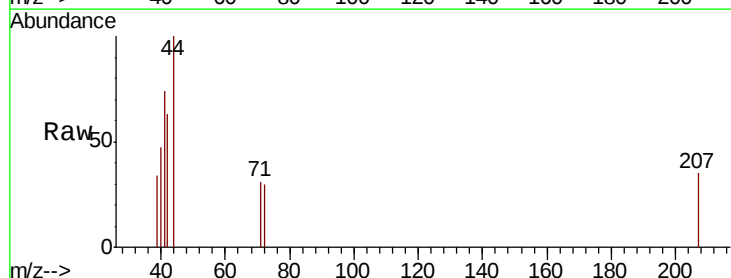
Ion Ratio Lower Upper

41 100

39 21.2 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

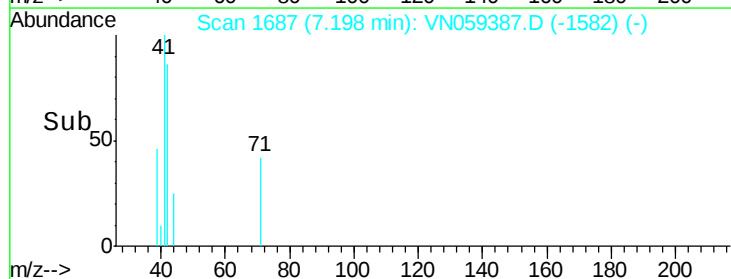
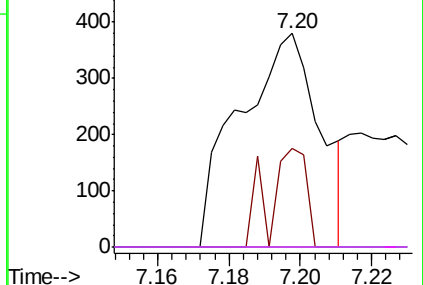


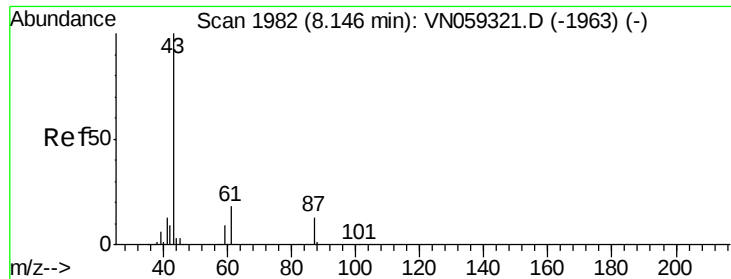
Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC





#43

Isopropyl Acetate

Concen: 11.025 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059387.D

Acq: 25 Nov 2019 16:54

Instrument :

MSVOA_N

ClientSampled :

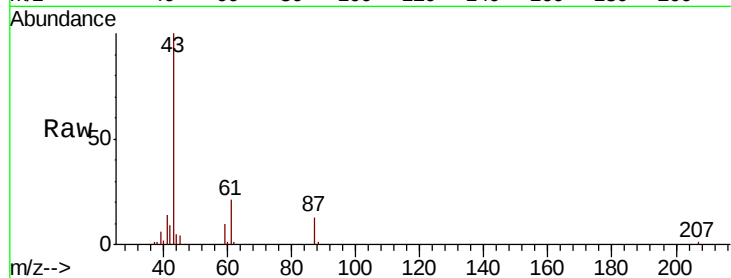
Tot Ion: 43 Resp: 93452

Ion Ratio Lower Upper

43 100

61 21.5 21.7 32.5#

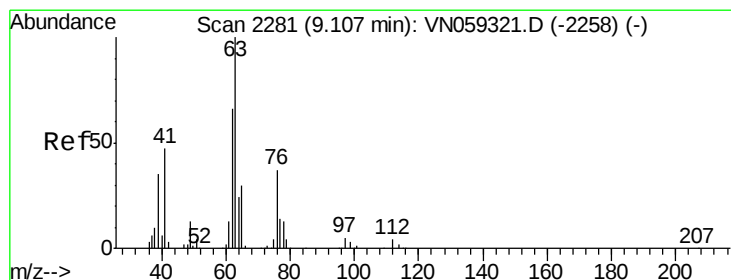
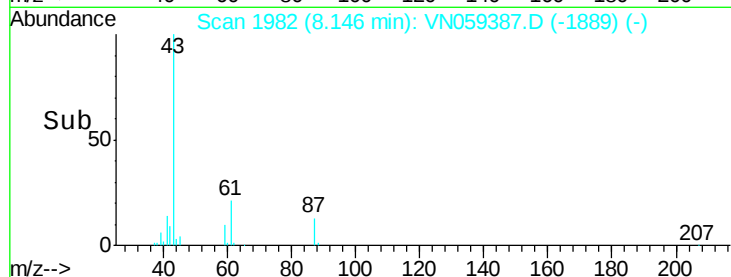
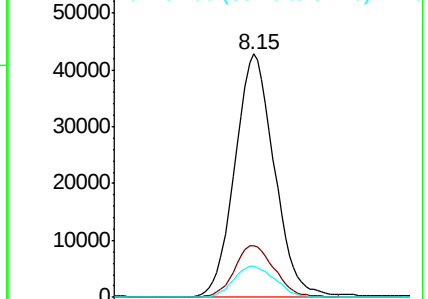
87 13.3 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VN059387.D (-2188) (-)

Ion 61.00 (60.70 to 61.70): VN059387.D (-2188) (-)

Ion 87.00 (86.70 to 87.70): VN059387.D (-2188) (-)



#45

1,2-Dichloropropane

Concen: 0.480 ug/l

RT: 9.26 min Scan# 2327

Delta R.T. 0.15 min

Lab File: VN059387.D

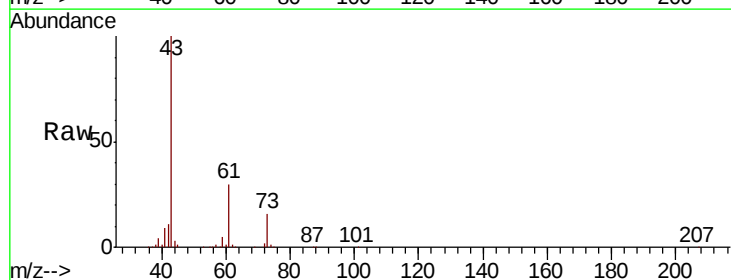
Acq: 25 Nov 2019 16:54

Tgt Ion: 63 Resp: 1938

Ion Ratio Lower Upper

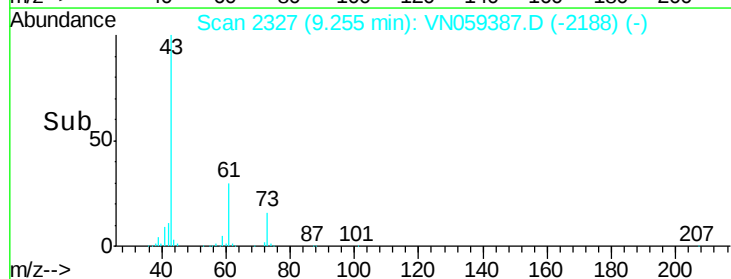
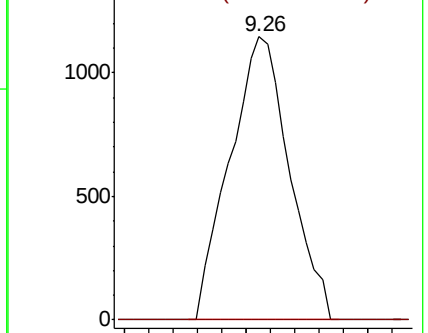
63 100

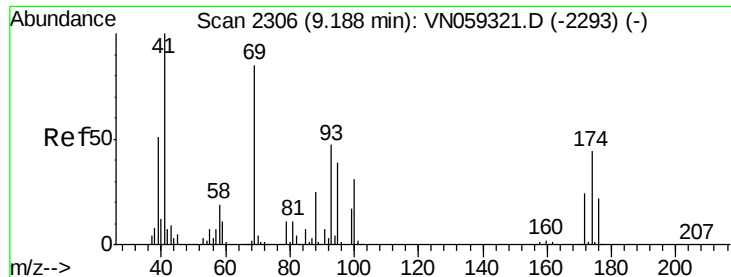
65 0.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VN059387.D (-2188) (-)

Ion 64.90 (64.60 to 65.60): VN059387.D (-2188) (-)

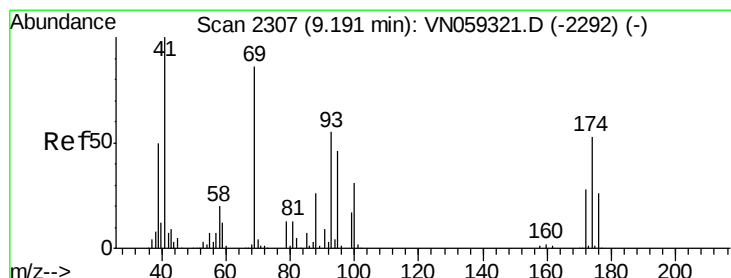
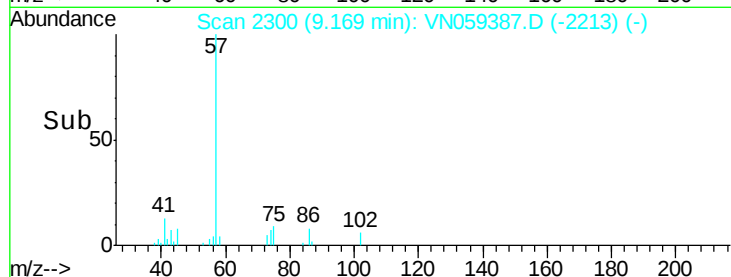
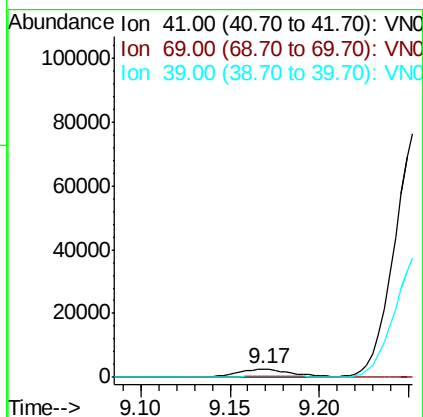
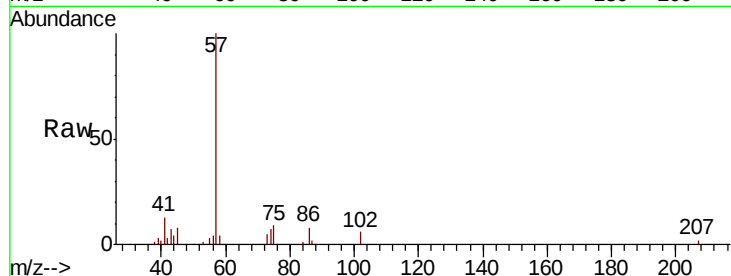




#48
Methvl methacrylate
Concen: 1.497 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.02 min
Lab File: VN059387.D
Acq: 25 Nov 2019 16:54

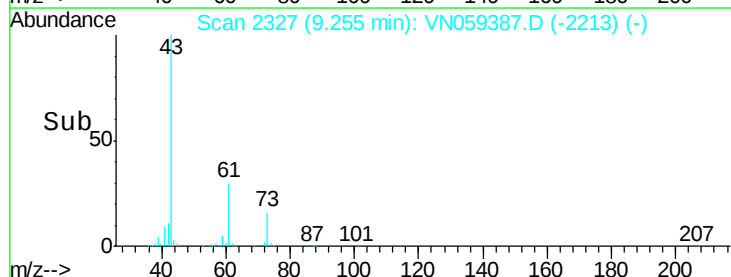
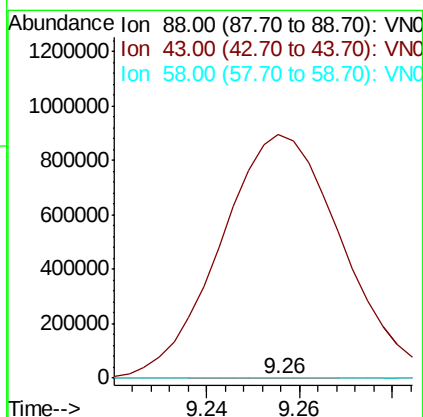
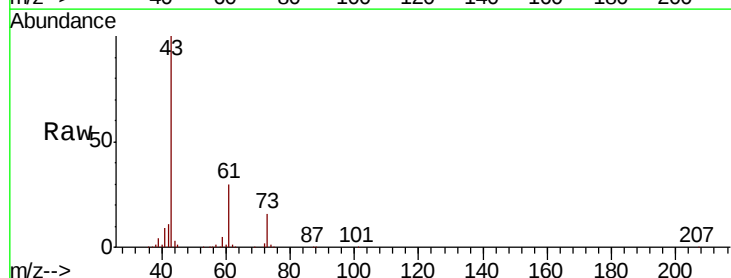
Instrument :
MSVOA_N
ClientSampled :

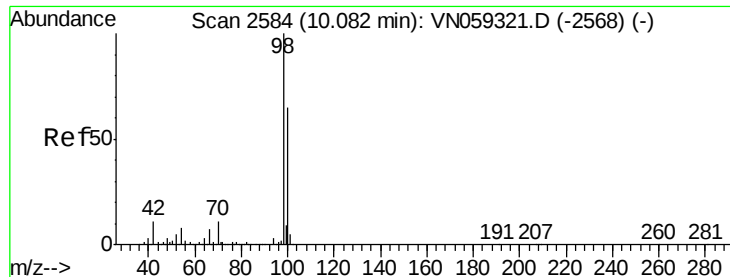
Tot Ion: 41 Resp: 5772
Ion Ratio Lower Upper
41 100
69 0.0 68.8 103.2#
39 0.0 42.1 63.1#



#49
1,4-Dioxane
Concen: 4.126 ug/l
RT: 9.26 min Scan# 2327
Delta R.T. 0.07 min
Lab File: VN059387.D
Acq: 25 Nov 2019 16:54

Tgt Ion: 88 Resp: 239
Ion Ratio Lower Upper
88 100
43 696817.6 26.9 40.3#
58 2903.3 59.2 88.8#





#50

Toluene-d8

Concen: 51.196 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059387.D

Acq: 25 Nov 2019 16:54

Instrument :

MSVOA_N

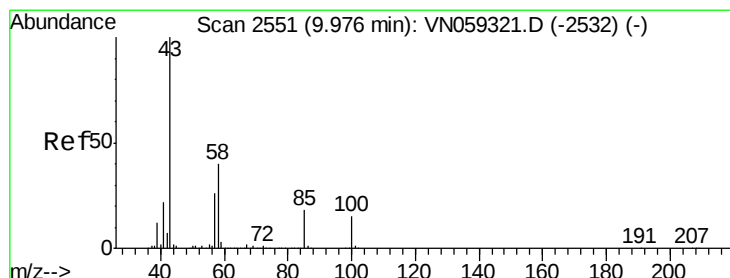
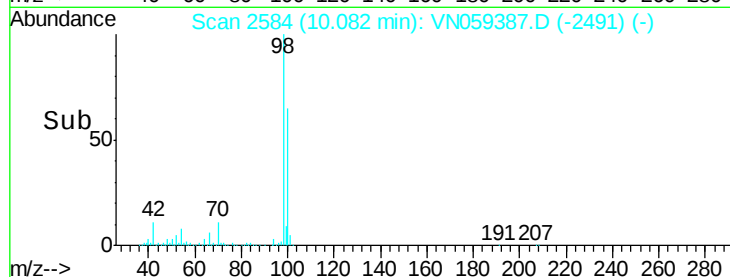
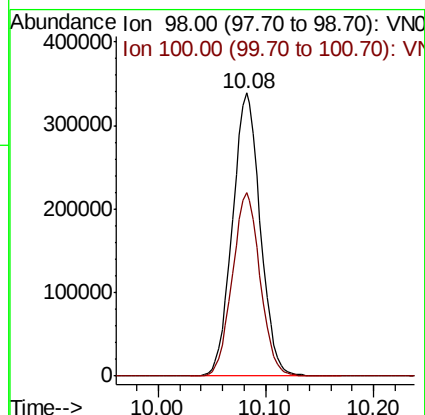
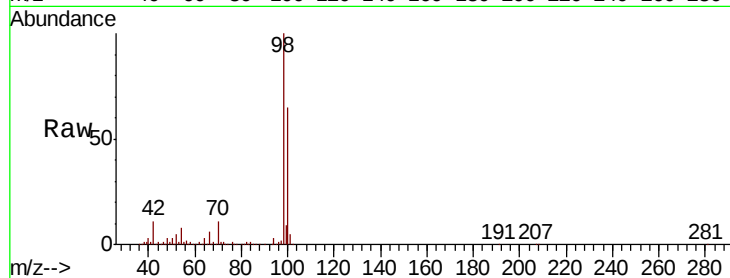
ClientSampleId :

Tot Ion: 98 Resp: 610395

Ion Ratio Lower Upper

98 100

100 64.7 51.7 77.5



#51

4-Methyl-2-Pentanone

Concen: 1.323 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN059387.D

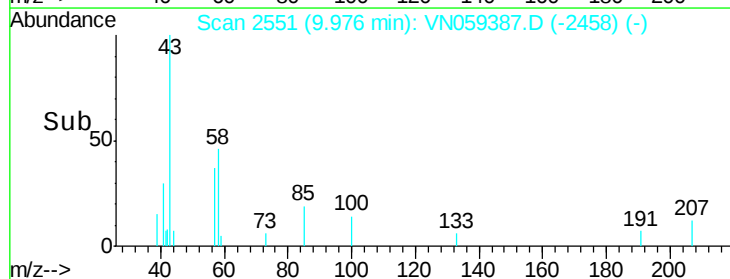
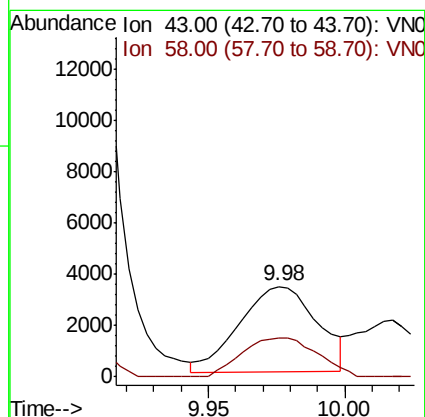
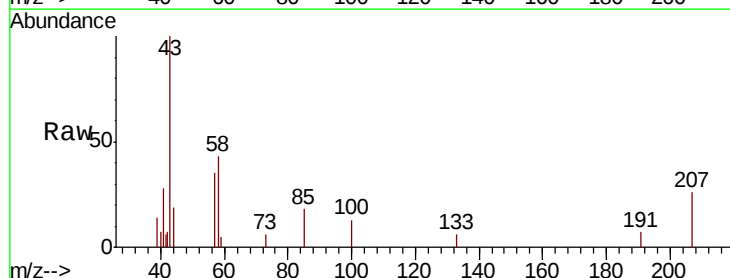
Acq: 25 Nov 2019 16:54

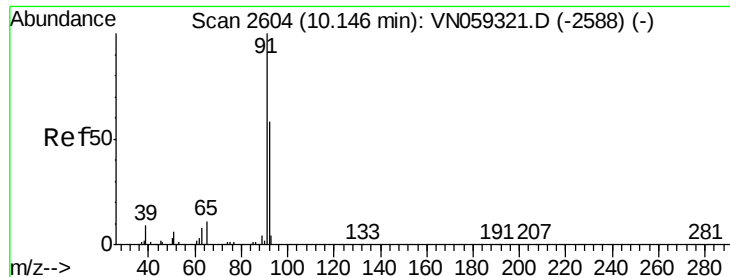
Tgt Ion: 43 Resp: 6566

Ion Ratio Lower Upper

43 100

58 44.5 31.8 47.8





#52

Toluene

Concen: 0.886 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059387.D

Acq: 25 Nov 2019 16:54

Instrument :

MSVOA_N

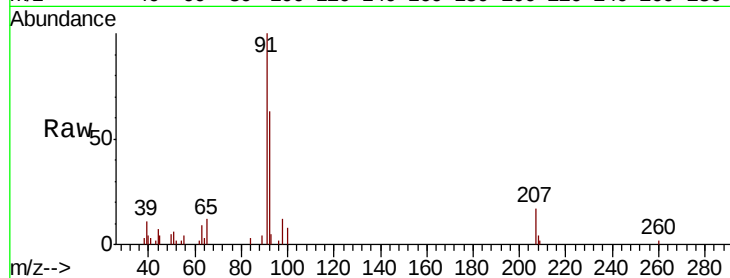
ClientSampleId :

Tot Ion: 92 Resp: 8072

Ion Ratio Lower Upper

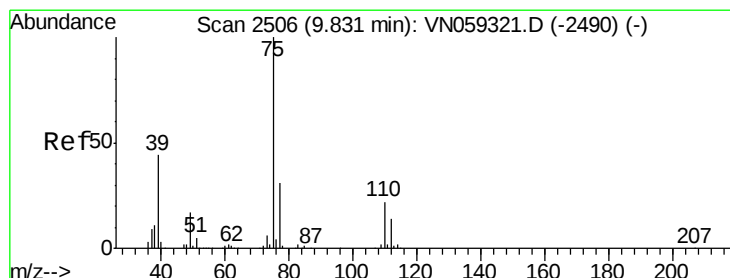
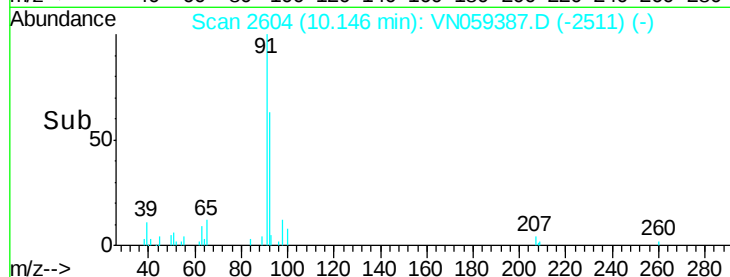
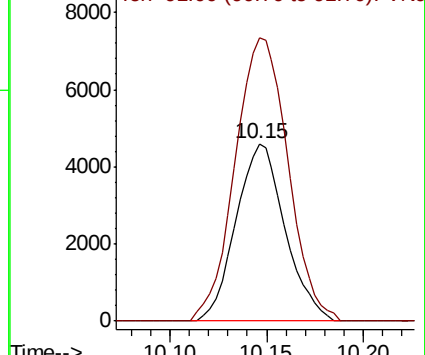
92 100

91 172.6 137.9 206.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 6.474 ug/l

RT: 9.90 min Scan# 2526

Delta R.T. 0.06 min

Lab File: VN059387.D

Acq: 25 Nov 2019 16:54

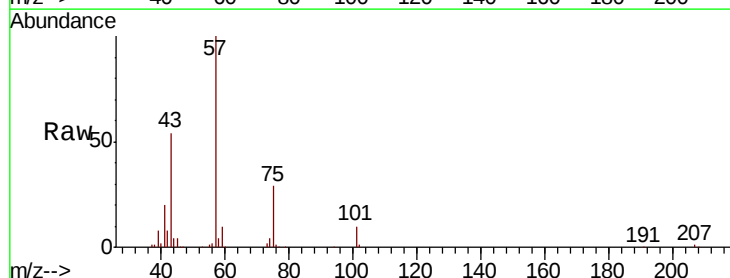
Tgt Ion: 75 Resp: 40516

Ion Ratio Lower Upper

75 100

77 0.7 25.0 37.4#

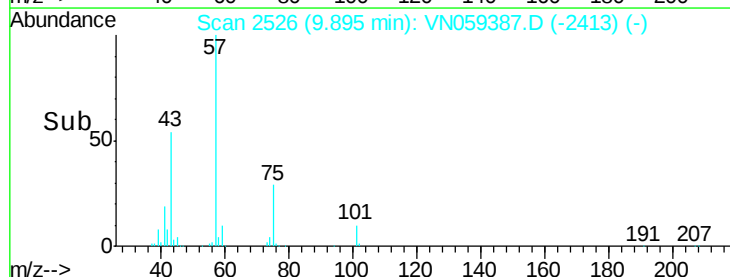
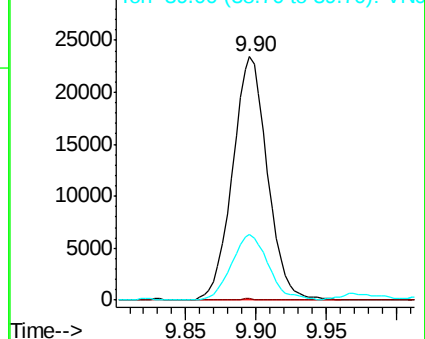
39 27.0 35.5 53.3#

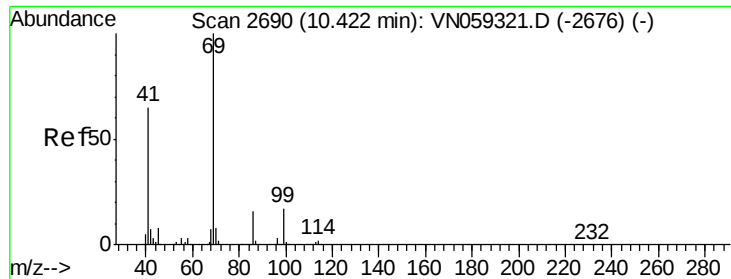


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#56

Ethyl methacrylate

Concen: 2.376 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. 0.11 min

Lab File: VN059387.D

Acq: 25 Nov 2019 16:54

Instrument :

MSVOA_N

ClientSampled :

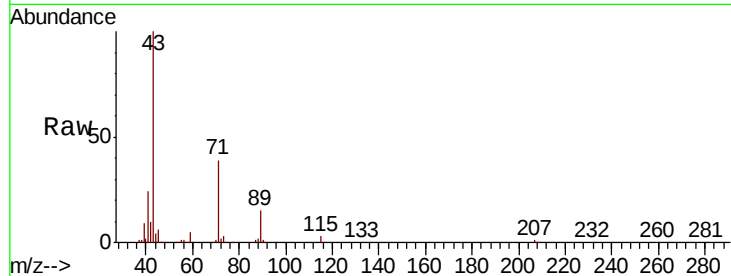
Tot Ion: 69 Resp: 1150

Ion Ratio Lower Upper

69 100

41 6056.6 51.7 77.5#

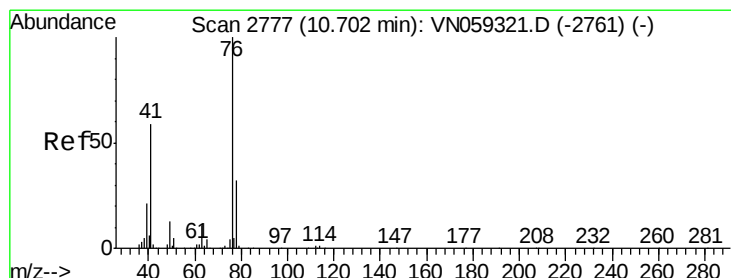
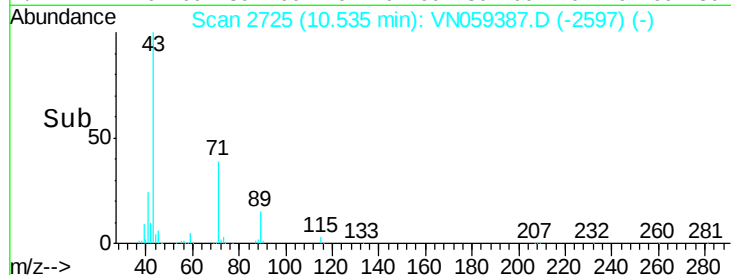
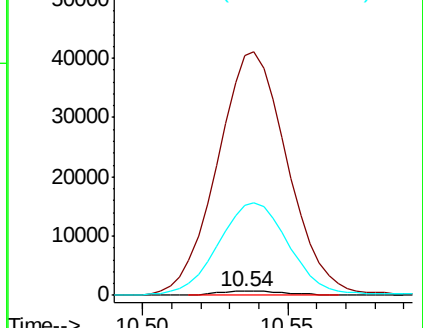
39 2330.5 25.2 37.8#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.182 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN059387.D

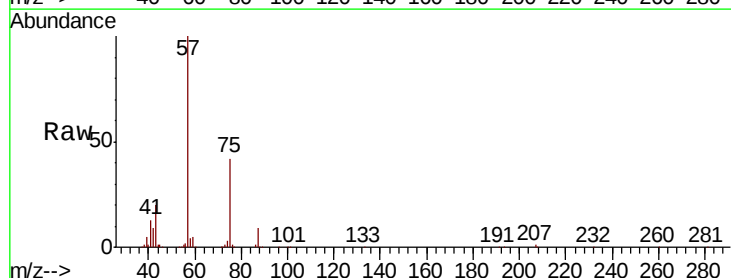
Acq: 25 Nov 2019 16:54

Tgt Ion: 76 Resp: 7295

Ion Ratio Lower Upper

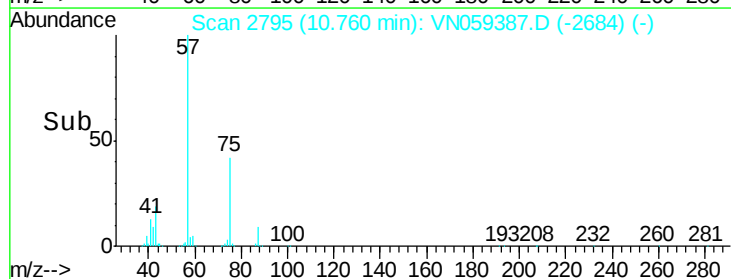
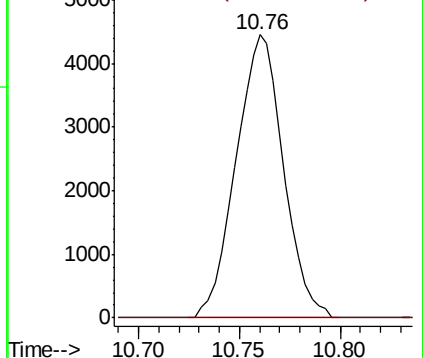
76 100

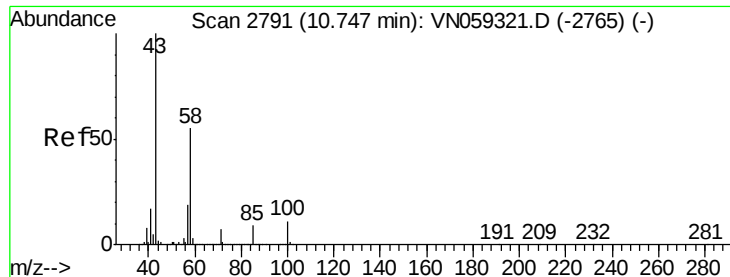
78 0.0 26.0 39.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

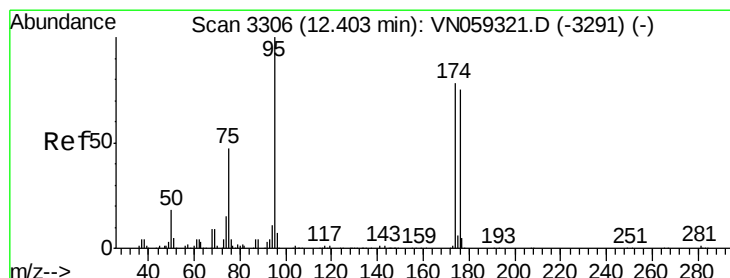
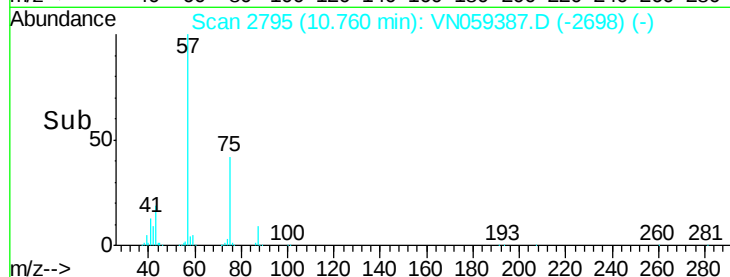
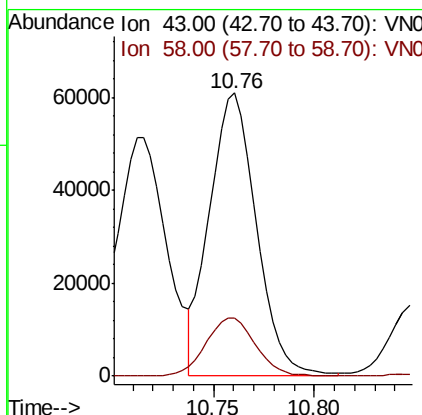
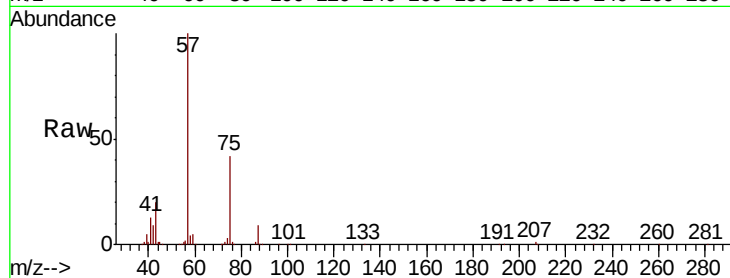




#59
2-Hexanone
Concen: 26.913 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN059387.D
Acq: 25 Nov 2019 16:54

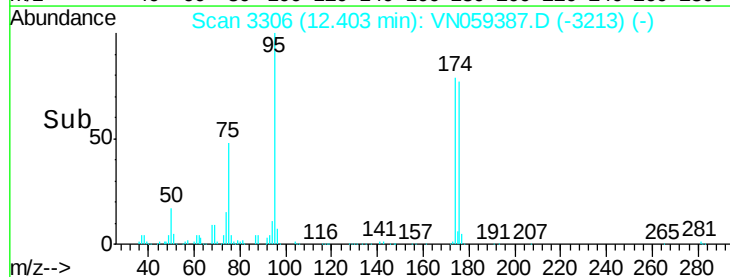
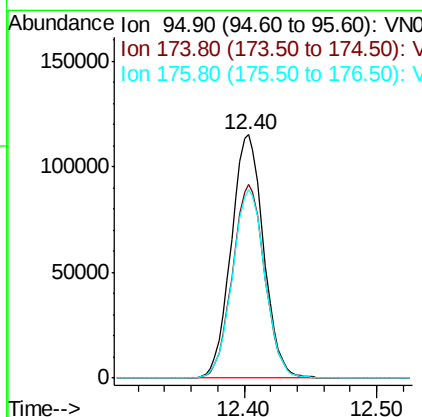
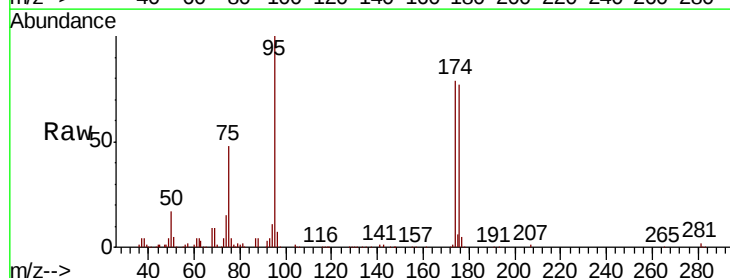
Instrument :
MSVOA_N
ClientSampleId :

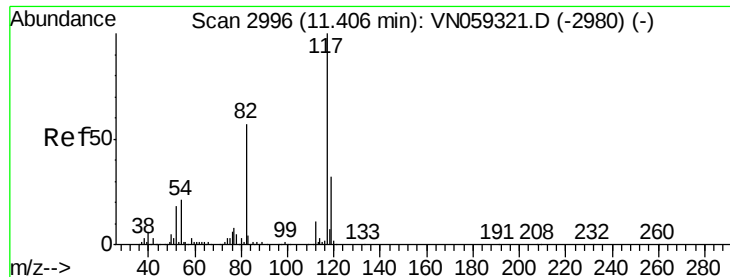
Tot Ion: 43 Resp: 97773
Ion Ratio Lower Upper
43 100
58 21.9 27.7 83.0#



#62
4-Bromofluorobenzene
Concen: 46.856 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN059387.D
Acq: 25 Nov 2019 16:54

Tgt Ion: 95 Resp: 195335
Ion Ratio Lower Upper
95 100
174 79.3 0.0 157.4
176 77.9 0.0 151.2

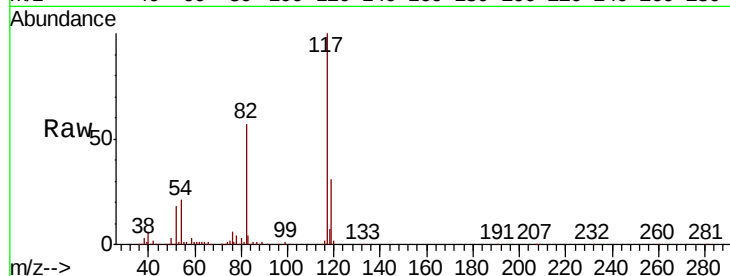




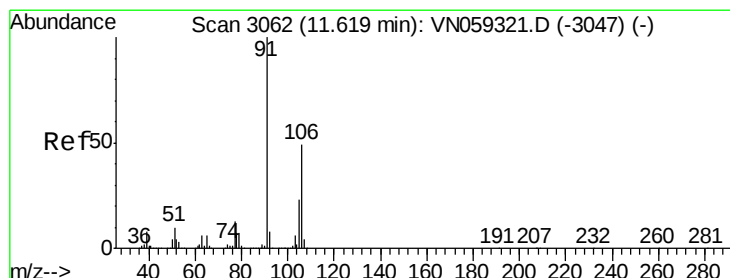
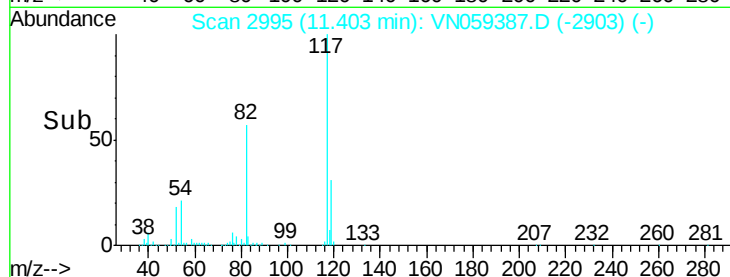
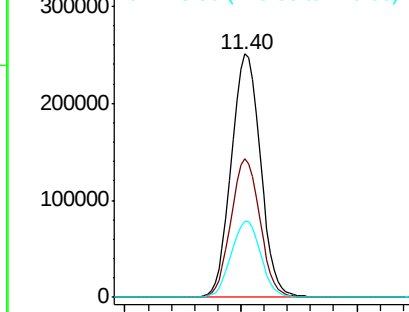
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059387.D
Acq: 25 Nov 2019 16:54

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 437330
Ion Ratio Lower Upper
117 100
82 56.8 45.7 68.5
119 31.3 25.8 38.6

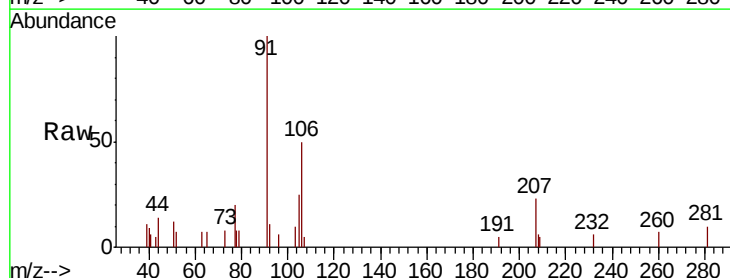


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN0
Ion 118.90 (118.60 to 119.60): V

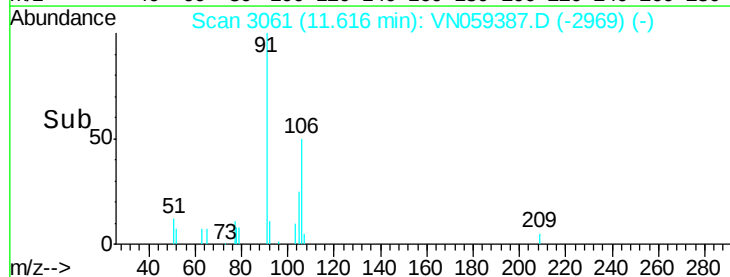
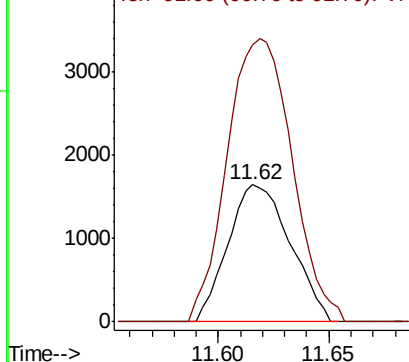


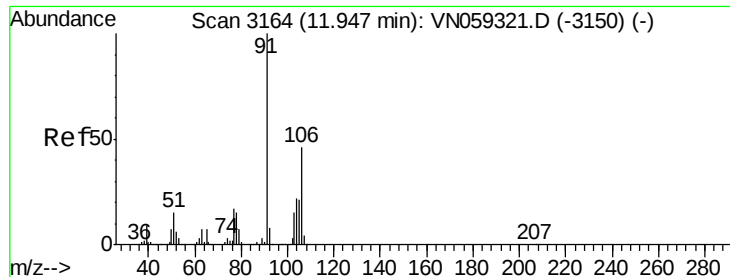
#68
m/p-Xylenes
Concen: 0.516 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN059387.D
Acq: 25 Nov 2019 16:54

Tgt Ion:106 Resp: 3220
Ion Ratio Lower Upper
106 100
91 216.1 163.2 244.8



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

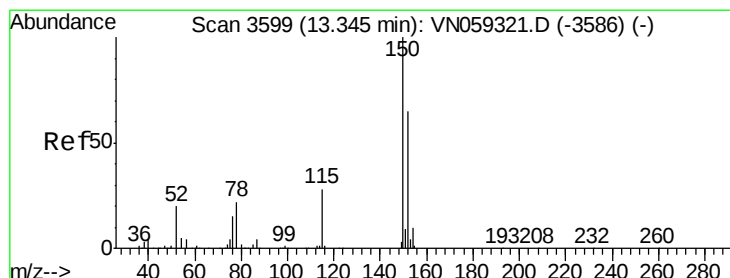
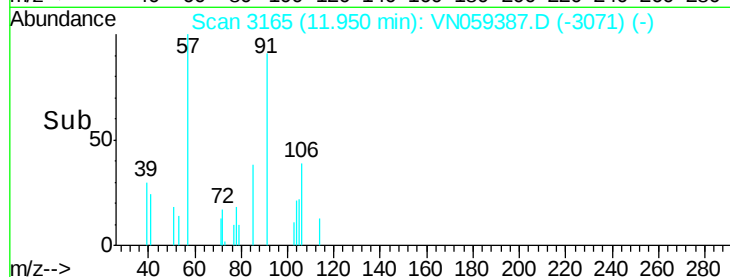
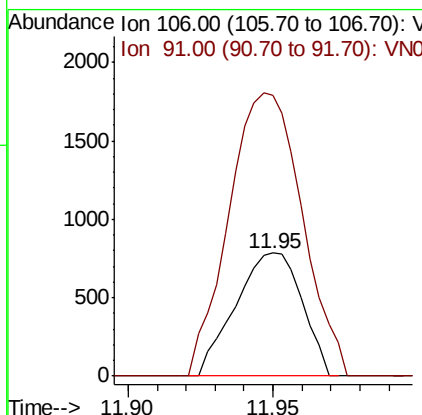
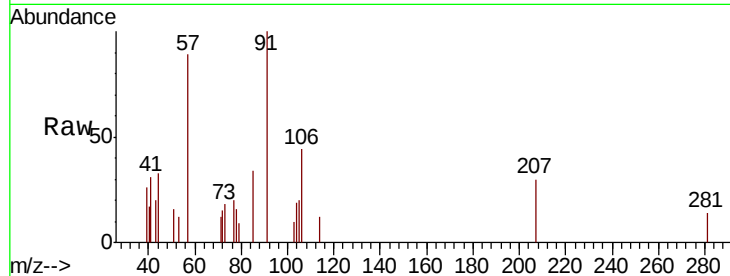




#69
o-Xylene
Concen: 0.209 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN059387.D
Acq: 25 Nov 2019 16:54

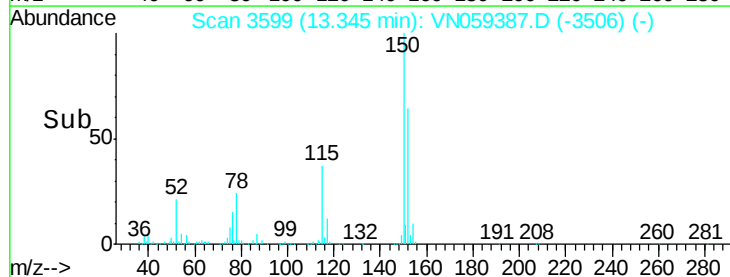
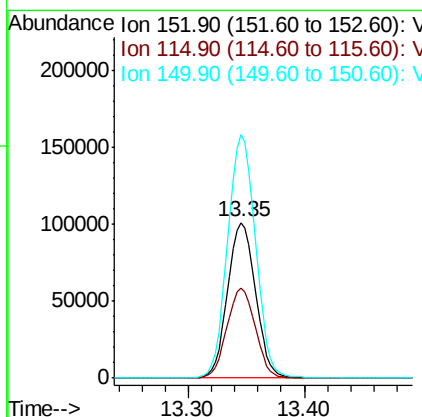
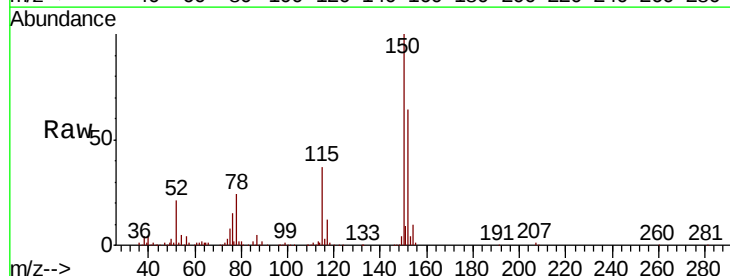
Instrument :
MSVOA_N
ClientSampled :

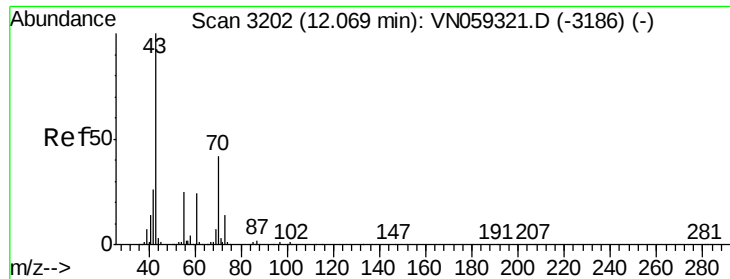
Tot Ion:106 Resp: 1246
Ion Ratio Lower Upper
106 100
91 254.1 109.3 327.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059387.D
Acq: 25 Nov 2019 16:54

Tgt Ion:152 Resp: 168472
Ion Ratio Lower Upper
152 100
115 58.4 29.3 88.0
150 155.7 0.0 346.0





#74

N-amvl acetate

Concen: 0.521 ug/l

RT: 12.04 min Scan# 3192

Delta R.T. -0.03 min

Lab File: VN059387.D

Acq: 25 Nov 2019 16:54

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 2888

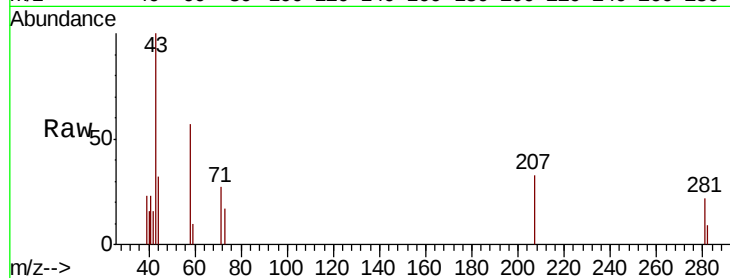
Ion Ratio Lower Upper

43 100

70 0.0 33.8 50.6#

55 0.0 20.3 30.5#

61 0.0 19.9 29.9#

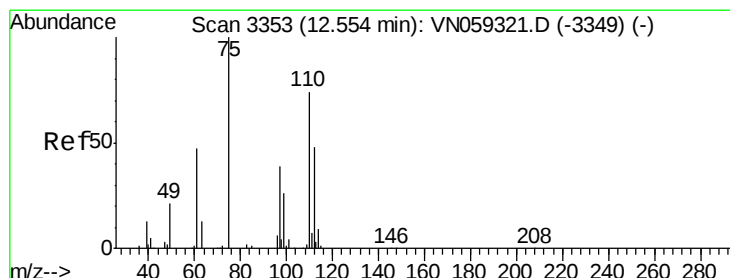
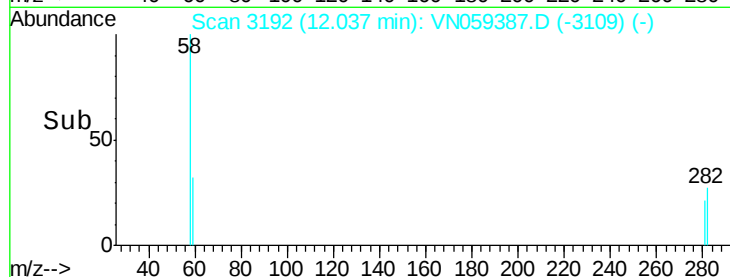
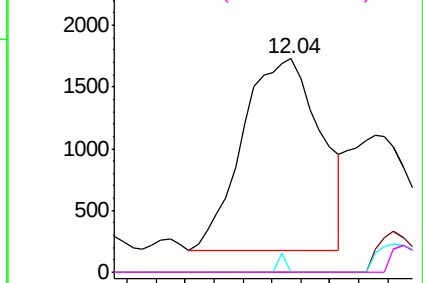


Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 70.00 (69.70 to 70.70): VNC

Ion 55.00 (54.70 to 55.70): VNC

Ion 61.00 (60.70 to 61.70): VNC



#76

1,2,3-Trichloropropane

Concen: 24.187 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN059387.D

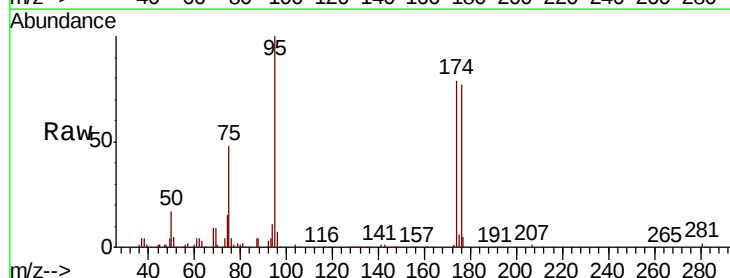
Acq: 25 Nov 2019 16:54

Tgt Ion: 75 Resp: 94139

Ion Ratio Lower Upper

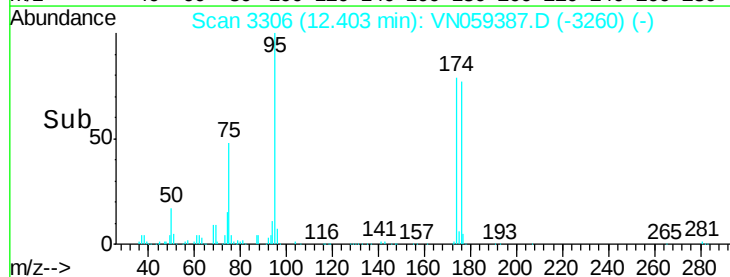
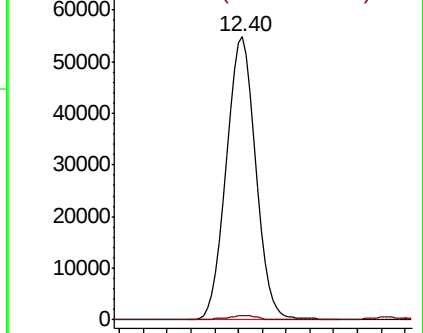
75 100

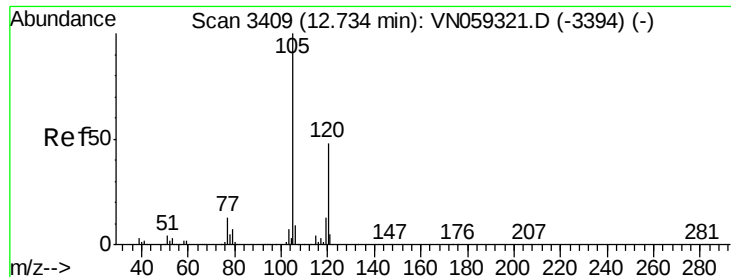
77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#80

1,3,5-Trimethylbenzene

Concen: 0.310 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059387.D

Acq: 25 Nov 2019 16:54

Instrument :

MSVOA_N

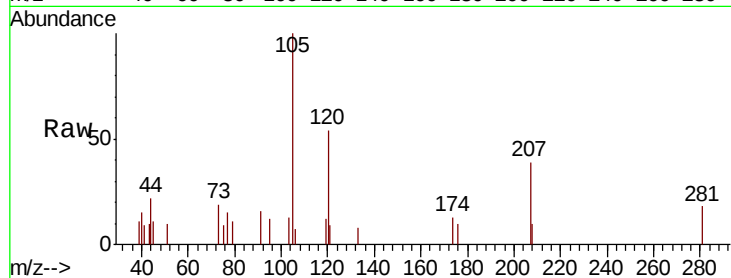
ClientSampleId :

Tot Ion:105 Resp: 3591

Ion Ratio Lower Upper

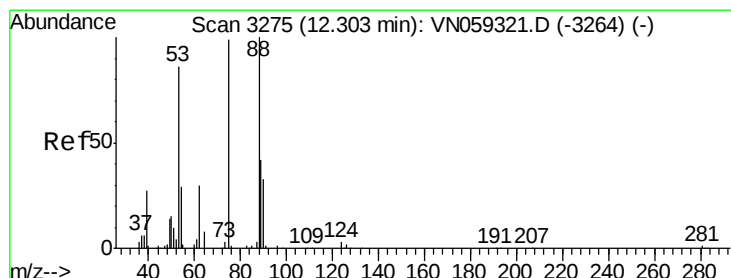
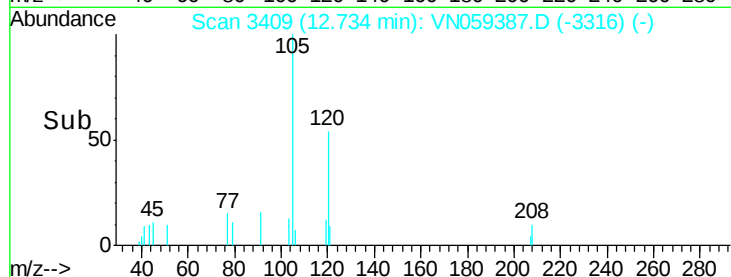
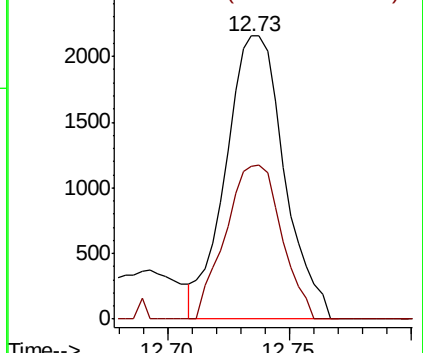
105 100

120 51.9 24.1 72.4



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: 60.496 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN059387.D

Acq: 25 Nov 2019 16:54

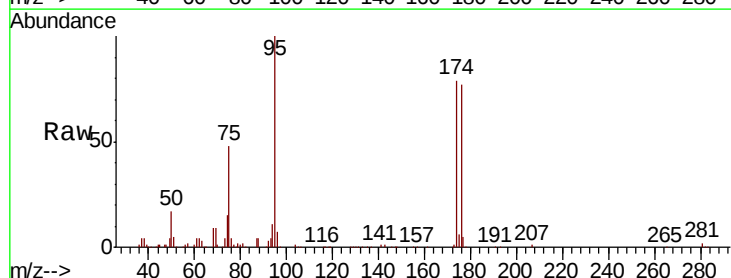
Tgt Ion: 75 Resp: 94139

Ion Ratio Lower Upper

75 100

53 0.0 70.7 106.1#

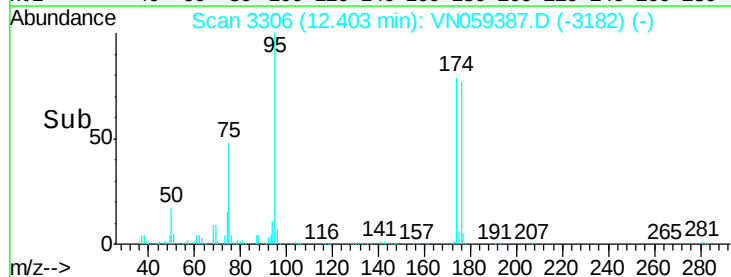
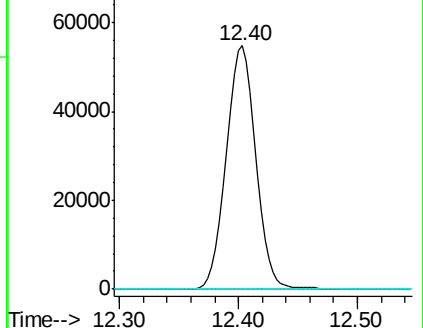
89 0.0 35.4 53.0#

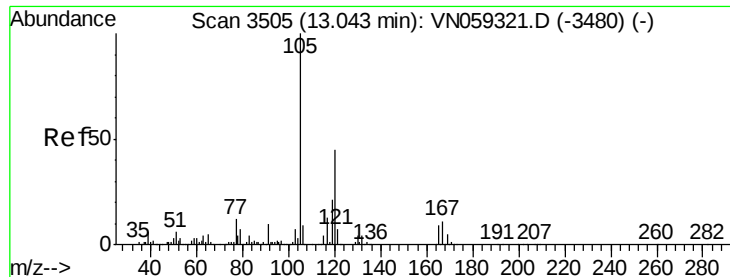


Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 53.00 (52.70 to 53.70): VNC

Ion 88.90 (88.60 to 89.60): VNC





#84

1,2,4-Trimethylbenzene

Concen: 0.292 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN059387.D

Acq: 25 Nov 2019 16:54

Instrument :

MSVOA_N

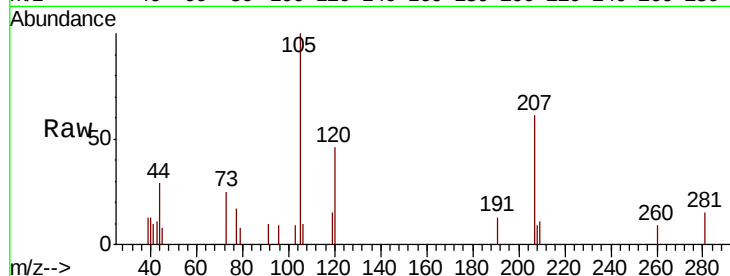
ClientSampled :

Tot Ion:105 Resp: 3313

Ion Ratio Lower Upper

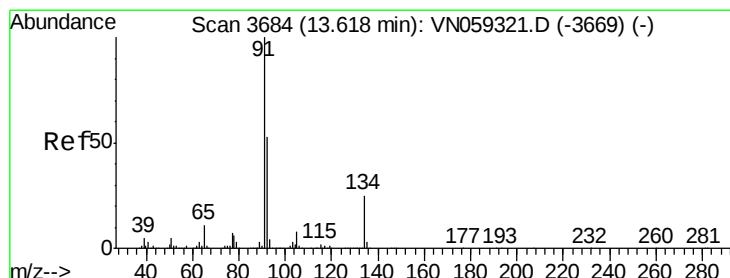
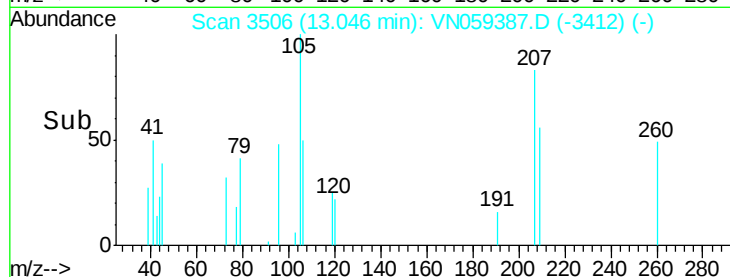
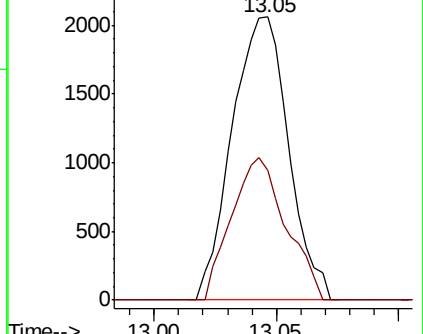
105 100

120 48.5 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#89

n-Butylbenzene

Concen: 0.291 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN059387.D

Acq: 25 Nov 2019 16:54

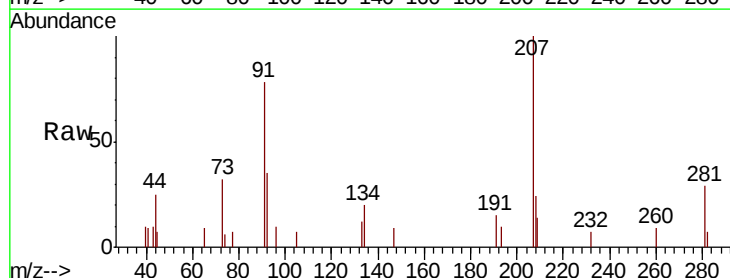
Tgt Ion: 91 Resp: 2992

Ion Ratio Lower Upper

91 100

92 43.9 26.0 78.0

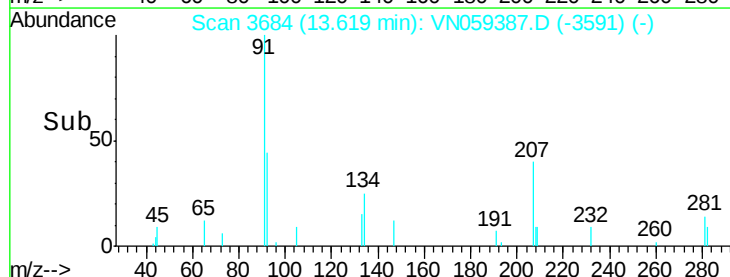
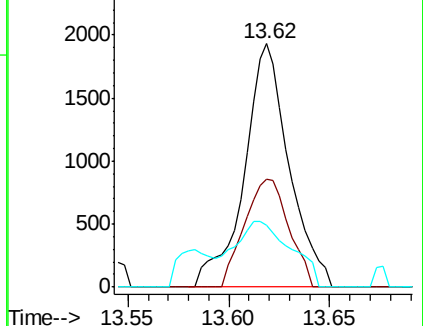
134 34.5 12.7 38.1

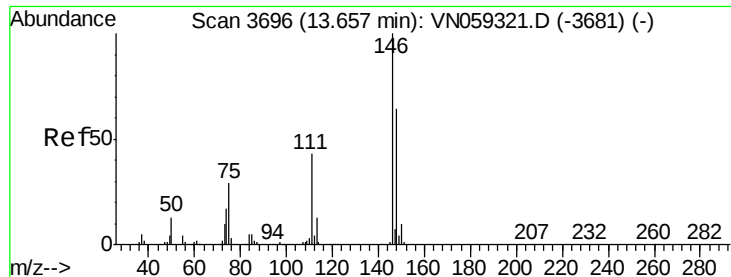


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

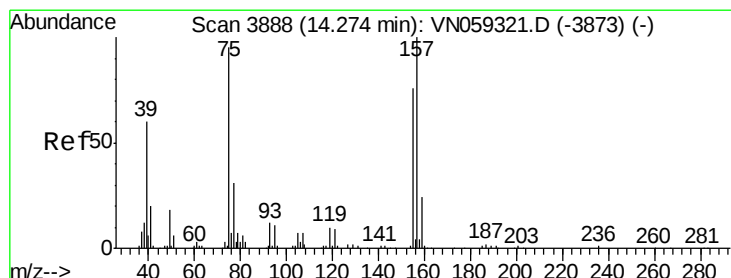
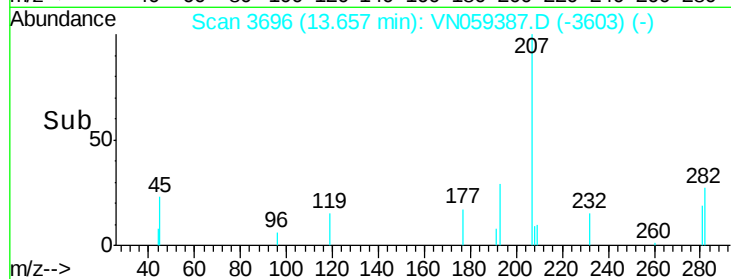
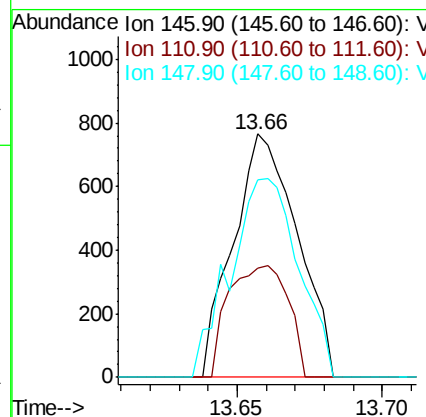
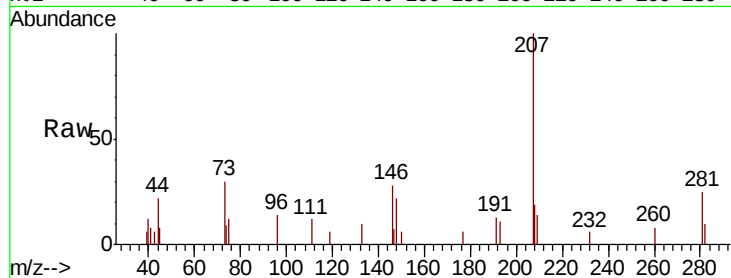




#91
 1,2-Dichlorobenzene
 Concen: 0.204 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN059387.D
 Acq: 25 Nov 2019 16:54

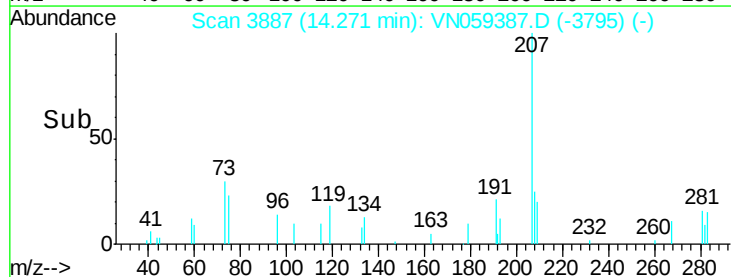
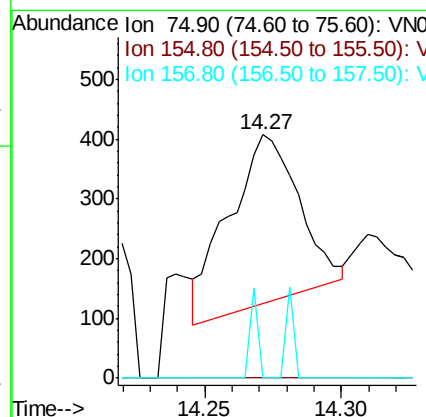
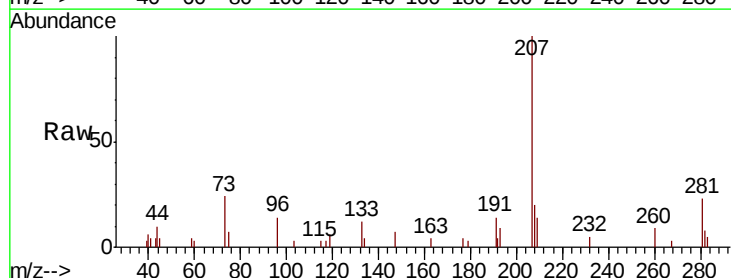
Instrument :
 MSVOA_N
 ClientSampled :

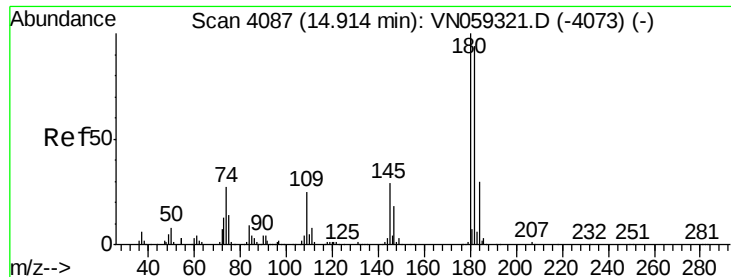
Tot Ion:146 Resp: 1177
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.3 64.0
 148 87.1 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.524 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. -0.00 min
 Lab File: VN059387.D
 Acq: 25 Nov 2019 16:54

Tgt Ion: 75 Resp: 509
 Ion Ratio Lower Upper
 75 100
 155 0.0 40.5 121.5#
 157 5.7 52.7 158.1#

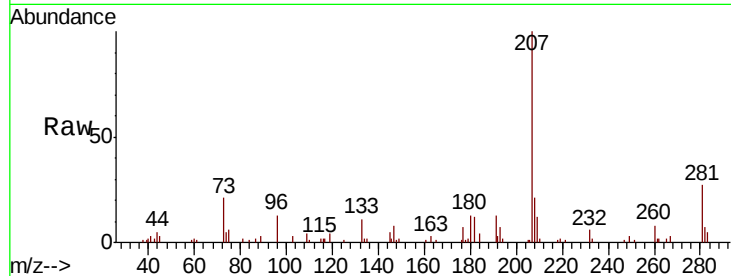




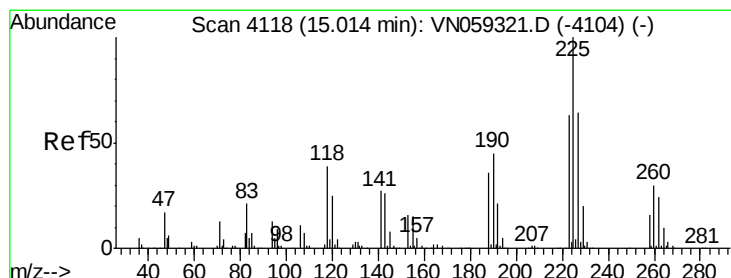
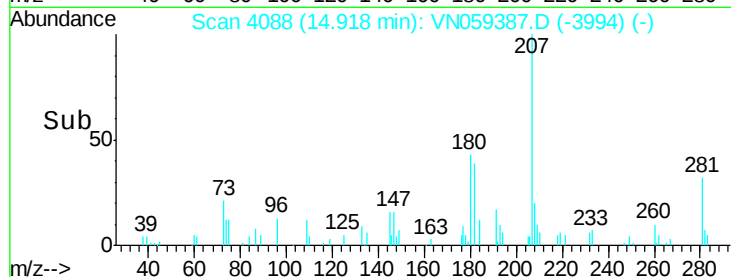
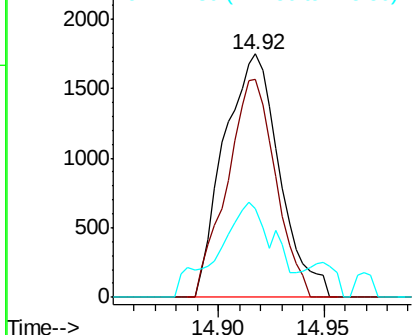
#93
 1,2,4-Trichlorobenzene
 Concen: 3.776 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN059387.D
 Acq: 25 Nov 2019 16:54

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 3193
 Ion Ratio Lower Upper
 180 100
 182 78.3 47.2 141.6
 145 40.1 14.9 44.5

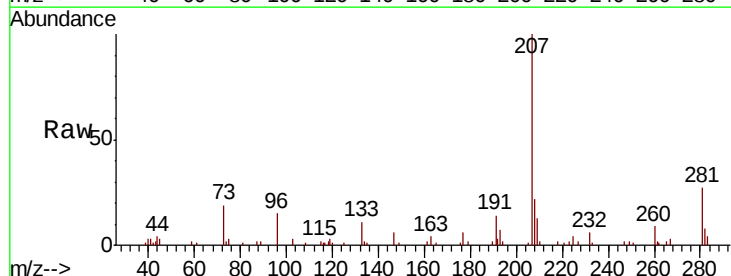


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

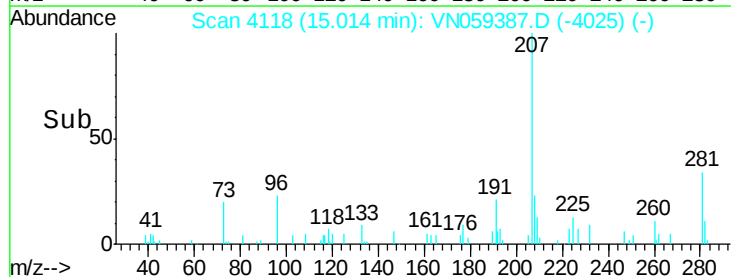
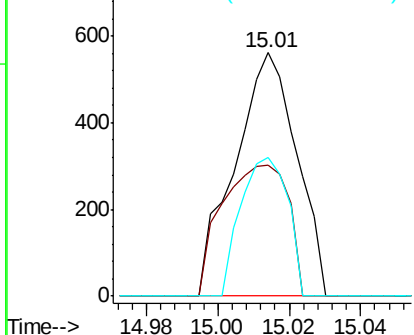


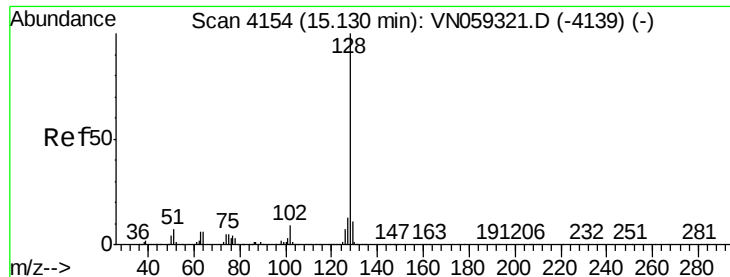
#94
 Hexachlorobutadiene
 Concen: 0.323 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN059387.D
 Acq: 25 Nov 2019 16:54

Tgt Ion:225 Resp: 672
 Ion Ratio Lower Upper
 225 100
 223 57.6 31.6 94.8
 227 43.5 32.6 97.7



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





#95

Naphthalene

Concen: 4.521 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN059387.D

Acq: 25 Nov 2019 16:54

Instrument :

MSVOA_N

ClientSampled :

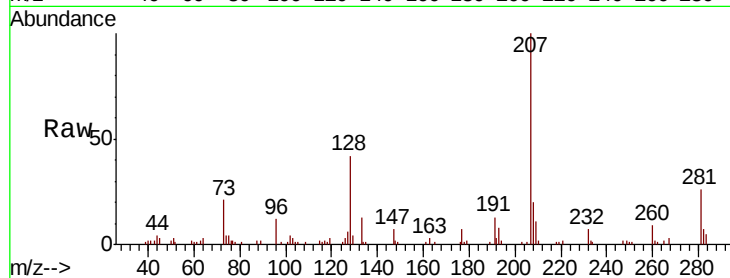
Tot Ion:128 Resp: 14341

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

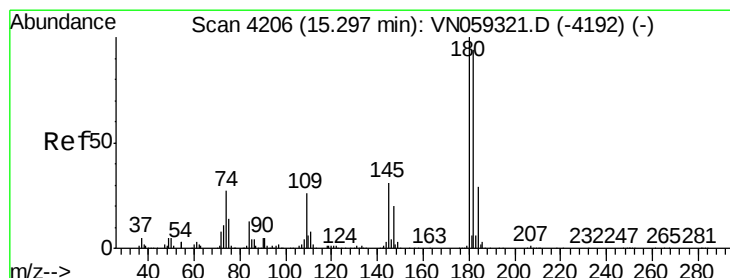
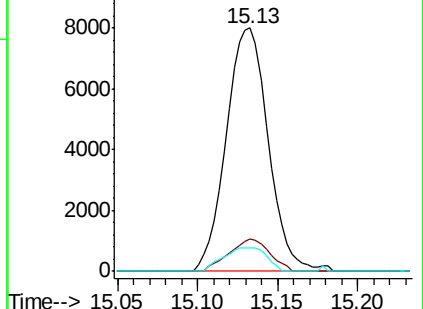
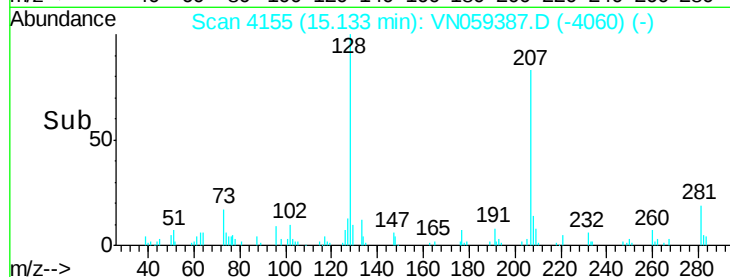
129 9.9 8.6 13.0



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: 3.003 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. 0.00 min

Lab File: VN059387.D

Acq: 25 Nov 2019 16:54

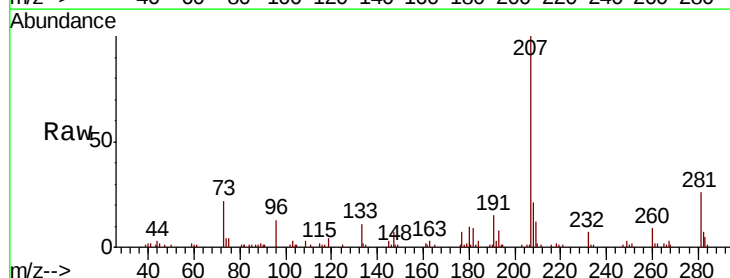
Tgt Ion:180 Resp: 4031

Ion Ratio Lower Upper

180 100

182 83.1 47.1 141.4

145 42.2 15.6 46.8



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

