

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111419\
 Data File : VN059227.D
 Acq On : 14 Nov 2019 12:47
 Operator : JC/SP
 Sample : K5813-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 15 06:28:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	420543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	657786	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	593755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	216881	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	282859	54.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.44%	
35) Dibromofluoromethane	7.57	113	219955	56.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.00%	
50) Toluene-d8	10.08	98	844706	54.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.20%	
62) 4-Bromofluorobenzene	12.40	95	268314	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	

Target Compounds

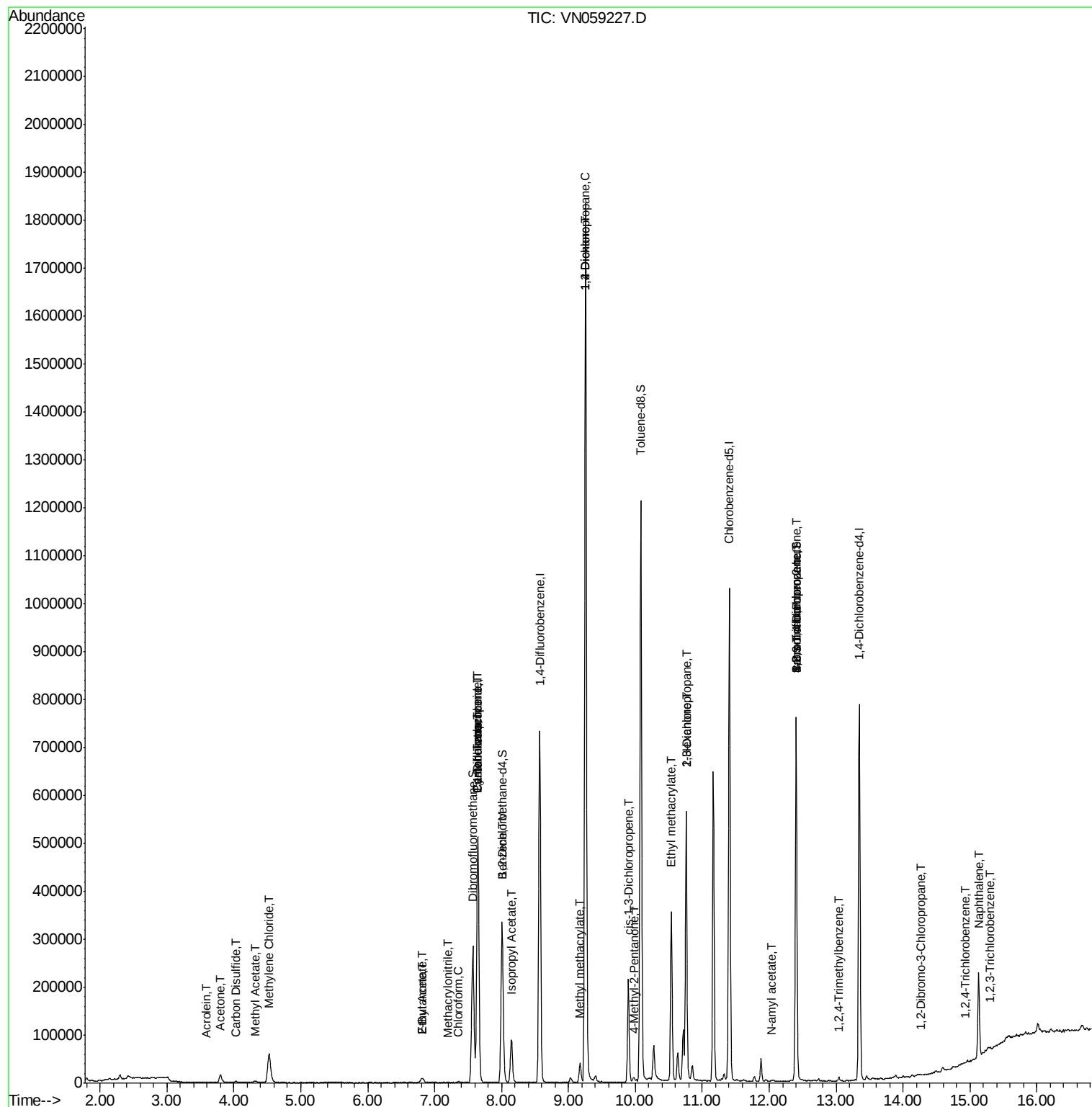
						Qvalue
13) Acrolein	3.58	56	193	0.380	ug/l #	33
16) Acetone	3.80	43	27795	10.339	ug/l	99
17) Carbon Disulfide	4.03	76	3716	0.305	ug/l	97
18) Methyl Acetate	4.30	43	2367	0.371	ug/l #	71
20) Methylene Chloride	4.53	84	47382	10.117	ug/l	98
25) 2-Butanone	6.82	43	11656	3.290	ug/l	98
30) Chloroform	7.36	83	2371	0.291	ug/l	98
31) Cyclohexane	7.65	56	8302	1.032	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	33943	5.521	ug/l #	49
37) Ethyl Acetate	6.82	43	11656	1.704	ug/l #	69
38) Carbon Tetrachloride	7.65	117	40970	6.695	ug/l #	17
40) Benzene	8.02	78	6971	0.377	ug/l	93
41) Methacrylonitrile	7.19	41	633	0.213	ug/l #	100
43) Isopropyl Acetate	8.15	43	106922	9.805	ug/l #	90
45) 1,2-Dichloropropane	9.26	63	2310	0.459	ug/l #	44
48) Methyl methacrylate	9.17	41	6389	1.310	ug/l #	14
49) 1,4-Dioxane	9.26	88	69	0.796	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	6328	1.026	ug/l	97
54) cis-1,3-Dichloropropene	9.90	75	37727	4.851	ug/l #	65
56) Ethyl methacrylate	10.54	69	1506	2.067	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	5531	0.716	ug/l #	42
59) 2-Hexanone	10.76	43	81148	17.135	ug/l #	52
71) Bromoform	12.40	173	1565	0.463	ug/l #	1
74) N-ethyl acetate	12.03	43	1511	0.226	ug/l #	45
76) 1,2,3-Trichloropropane	12.40	75	133727	27.083	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	133727	71.534	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	4489	0.347	ug/l	90
92) 1,2-Dibromo-3-Chloropropan	14.27	75	281	0.288	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.91	180	1058	3.292	ug/l #	52
95) Naphthalene	15.13	128	146560	15.291	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	1107	0.296	ug/l #	78

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

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QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059227.D

Acq: 14 Nov 2019 12:47

Instrument :

MSVOA_N

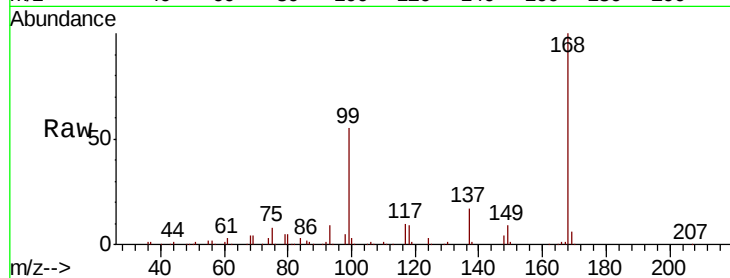
ClientSampled :

Tot Ion:168 Resp: 420543

Ion Ratio Lower Upper

168 100

99 55.2 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VN059095.D (-1806) (-)

Ion 98.90 (98.60 to 99.60): VN059095.D (-1806) (-)

7.65

200000

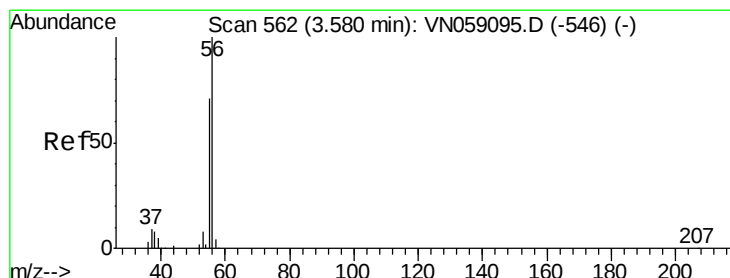
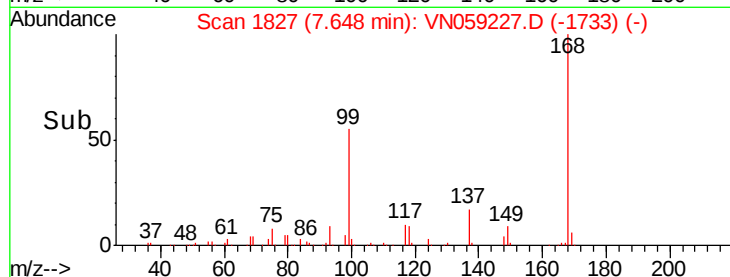
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 0.380 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059227.D

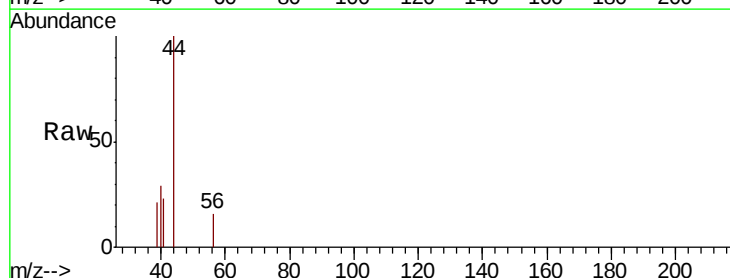
Acq: 14 Nov 2019 12:47

Tgt Ion: 56 Resp: 193

Ion Ratio Lower Upper

56 100

55 15.0 56.4 84.6#



Abundance Ion 56.00 (55.70 to 56.70): VN059095.D (-546) (-)

Ion 55.00 (54.70 to 55.70): VN059095.D (-546) (-)

3.58

200

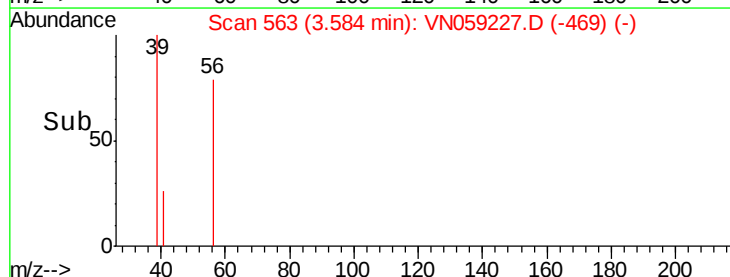
150

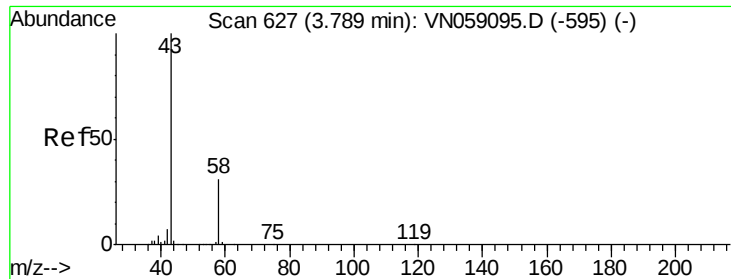
100

50

0

Time-->





#16

Acetone

Concen: 10.339 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN059227.D

Acq: 14 Nov 2019 12:47

Instrument :

MSVOA_N

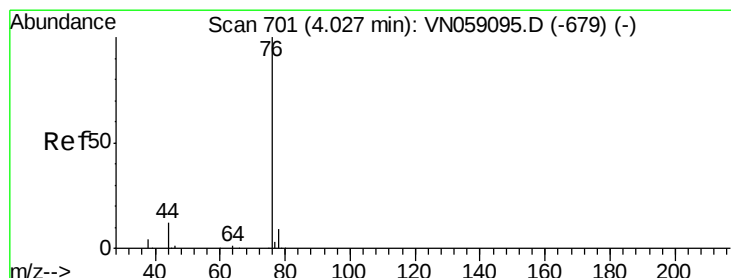
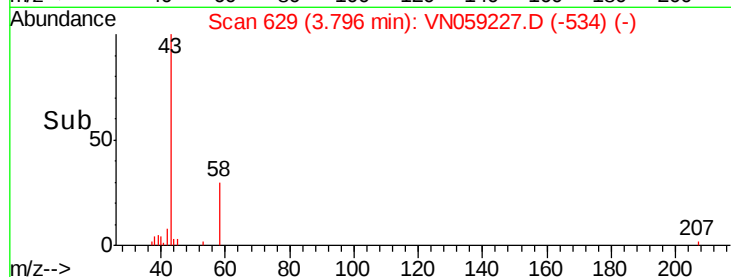
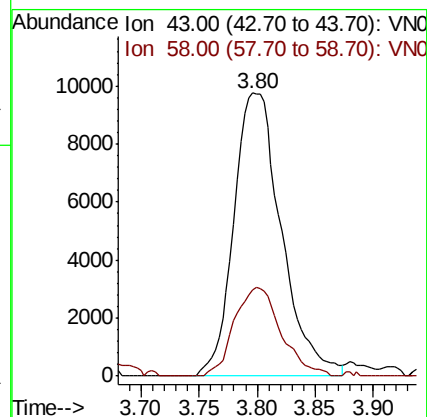
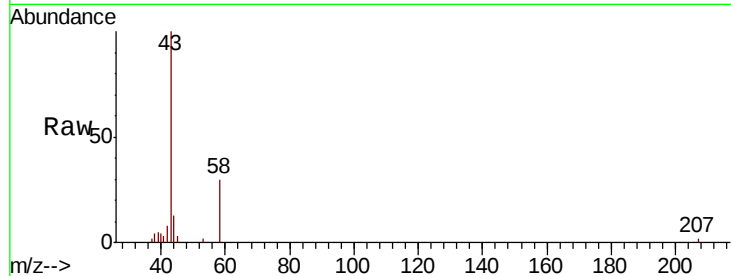
ClientSampleId :

Tot Ion: 43 Resp: 27795

Ion Ratio Lower Upper

43 100

58 30.4 24.9 37.3



#17

Carbon Disulfide

Concen: 0.305 ug/l

RT: 4.03 min Scan# 701

Delta R.T. 0.00 min

Lab File: VN059227.D

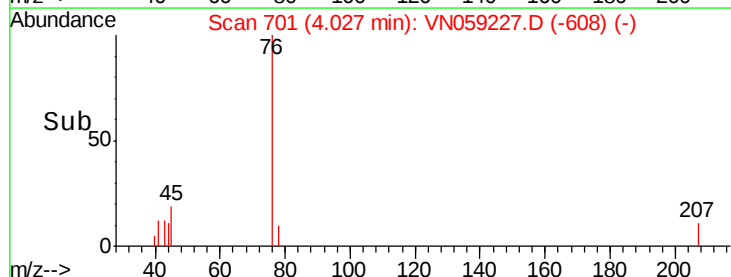
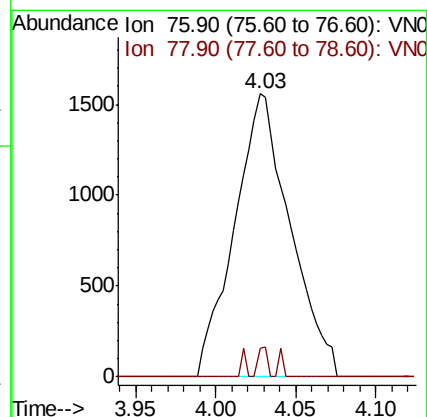
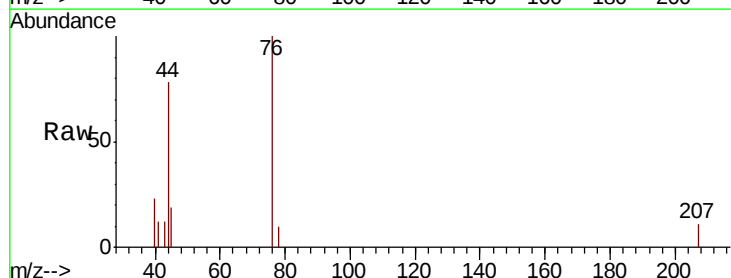
Acq: 14 Nov 2019 12:47

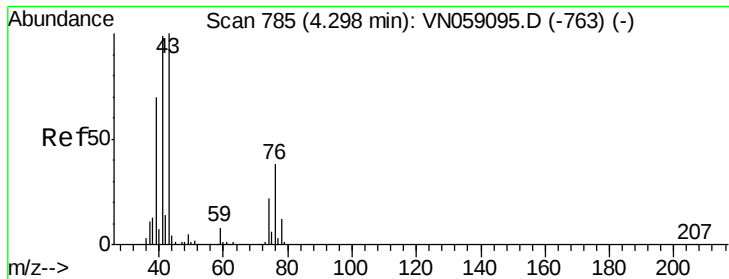
Tgt Ion: 76 Resp: 3716

Ion Ratio Lower Upper

76 100

78 10.3 7.4 11.0





#18

Methyl Acetate

Concen: 0.371 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.01 min

Lab File: VN059227.D

Acq: 14 Nov 2019 12:47

Instrument :

MSVOA_N

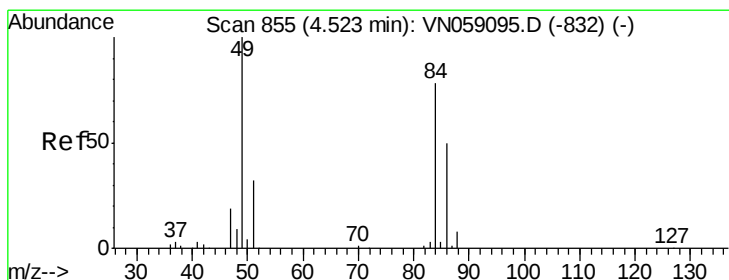
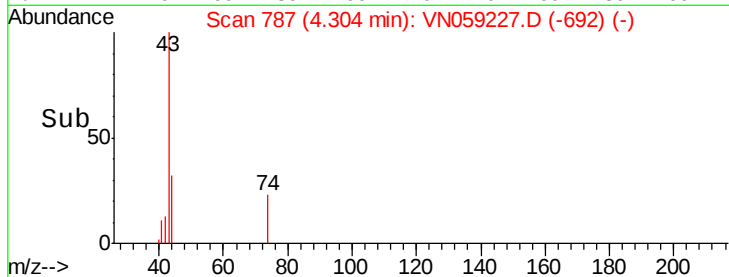
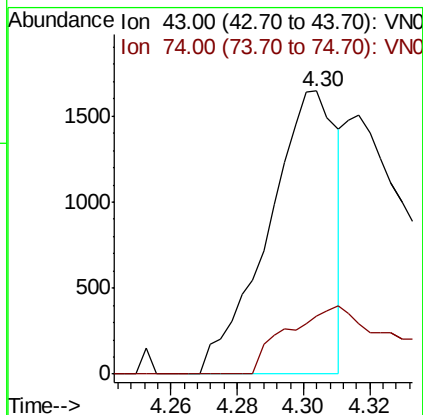
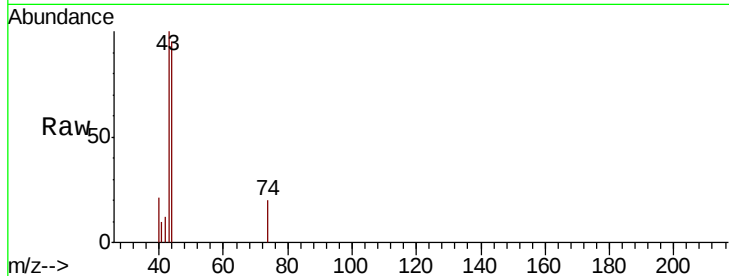
ClientSampled :

Tot Ion: 43 Resp: 2367

Ion Ratio Lower Upper

43 100

74 36.2 17.8 26.8#



#20

Methylene Chloride

Concen: 10.117 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.01 min

Lab File: VN059227.D

Acq: 14 Nov 2019 12:47

Tgt Ion: 84 Resp: 47382

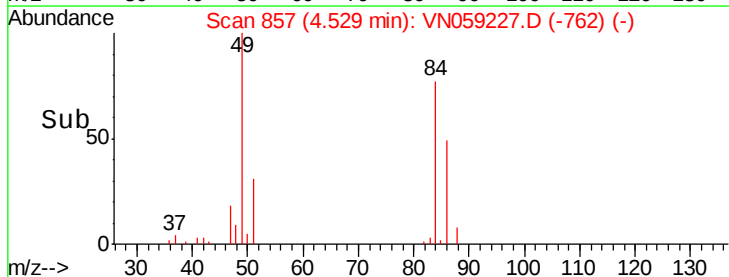
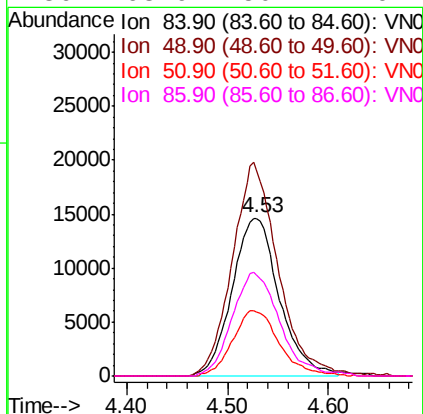
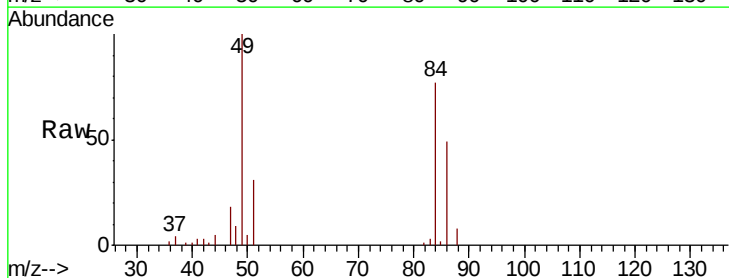
Ion Ratio Lower Upper

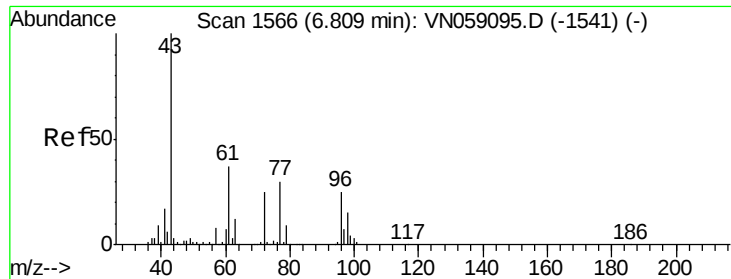
84 100

49 130.4 102.0 153.0

51 40.9 32.2 48.2

86 63.9 50.7 76.1





#25

2-Butanone

Concen: 3.290 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.02 min

Lab File: VN059227.D

Acq: 14 Nov 2019 12:47

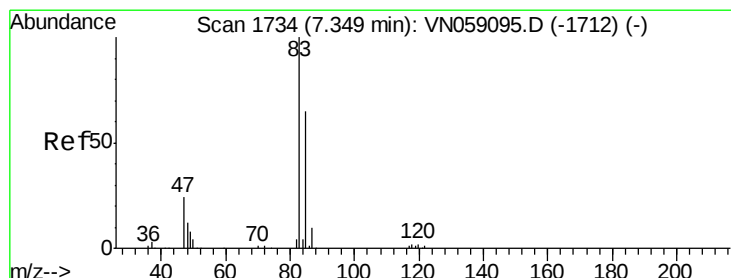
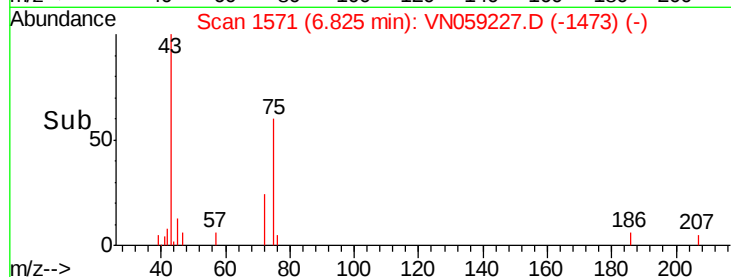
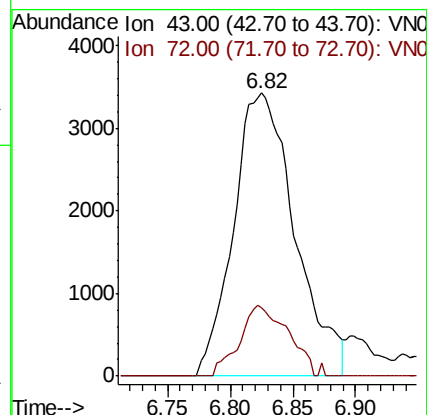
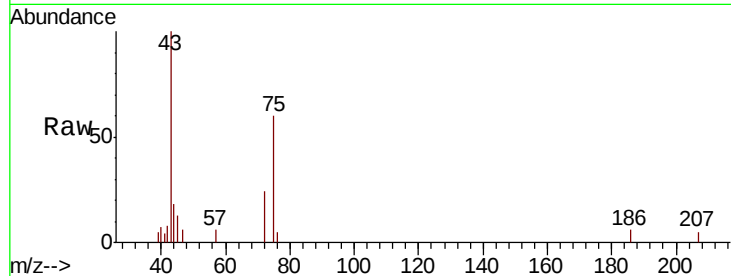
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 11656

Ion Ratio Lower Upper

43 100

72 24.3 20.3 30.5



#30

Chloroform

Concen: 0.291 ug/l

RT: 7.36 min Scan# 1736

Delta R.T. 0.01 min

Lab File: VN059227.D

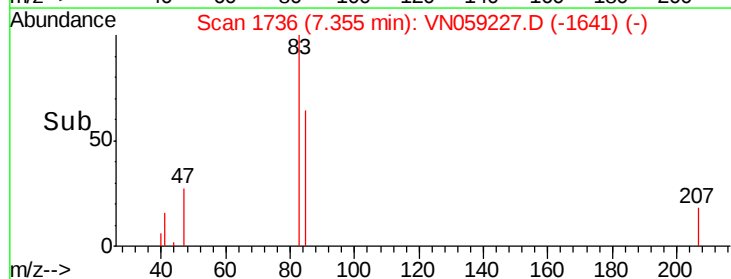
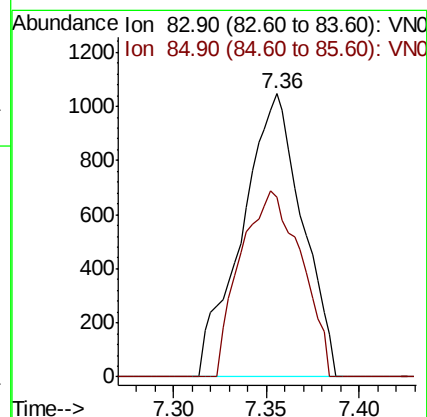
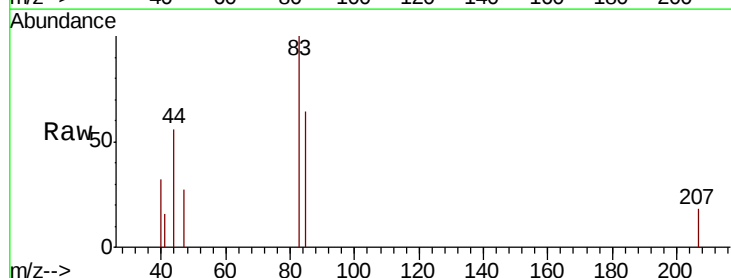
Acq: 14 Nov 2019 12:47

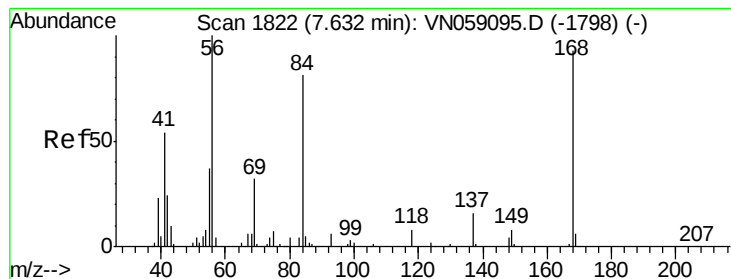
Tgt Ion: 83 Resp: 2371

Ion Ratio Lower Upper

83 100

85 63.5 51.8 77.8





#31

Cyclohexane

Concen: 1.032 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.02 min

Lab File: VN059227.D

Acq: 14 Nov 2019 12:47

Instrument :

MSVOA_N

ClientSampled :

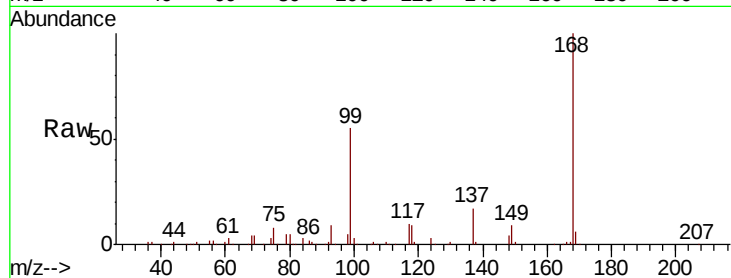
Tot Ion: 56 Resp: 8302

Ion Ratio Lower Upper

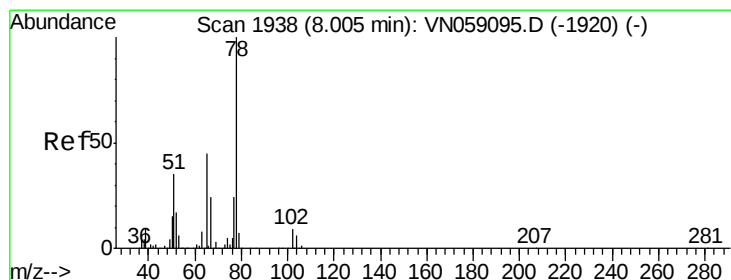
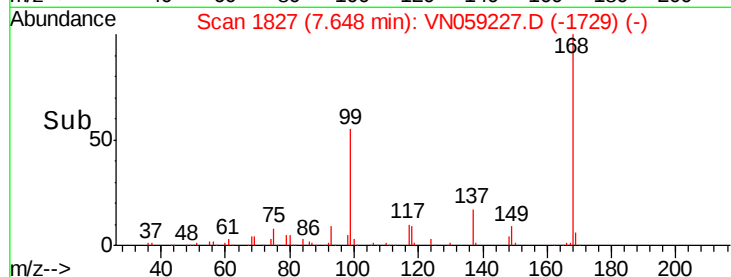
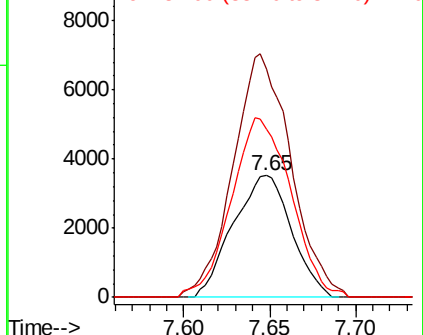
56 100

69 181.4 25.8 38.8#

84 132.7 65.0 97.4#



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



#33

1,2-Dichloroethane-d4

Concen: 54.716 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059227.D

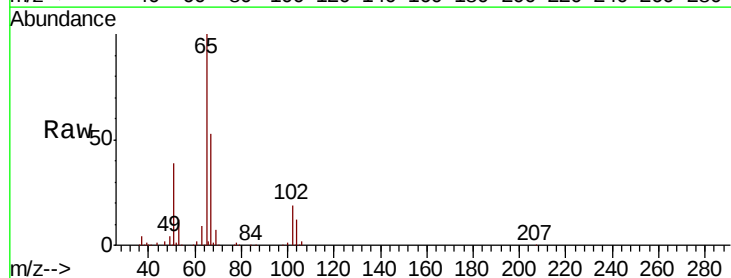
Acq: 14 Nov 2019 12:47

Tgt Ion: 65 Resp: 282859

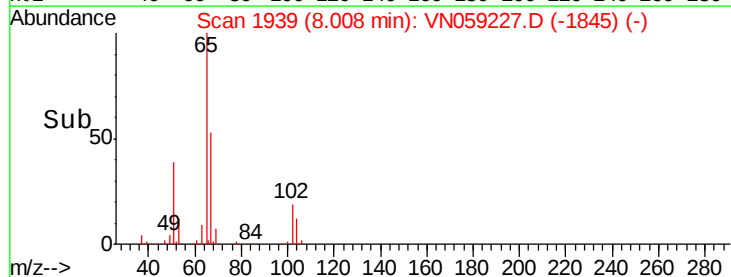
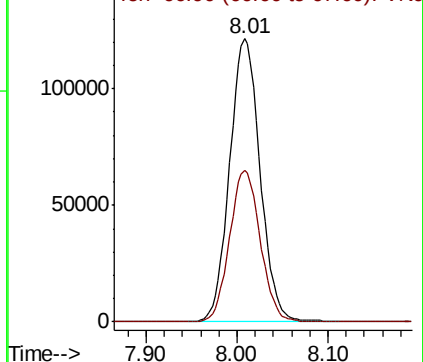
Ion Ratio Lower Upper

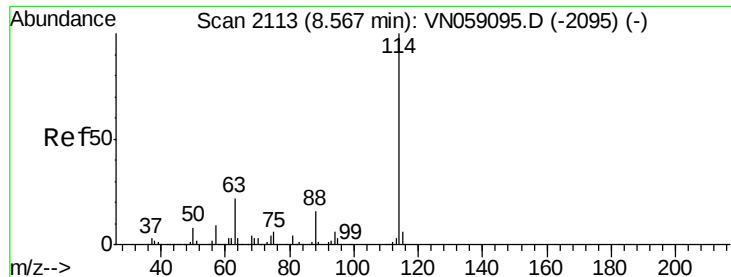
65 100

67 53.9 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO

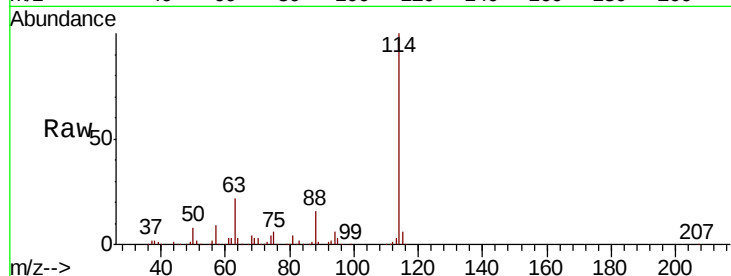




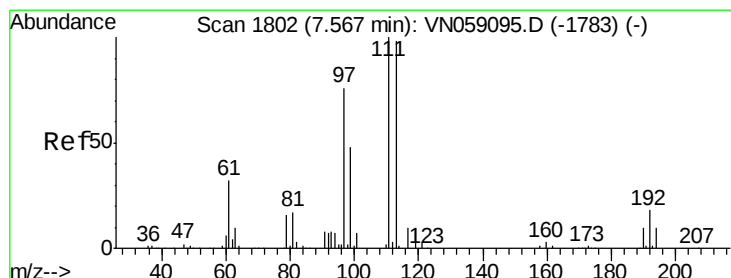
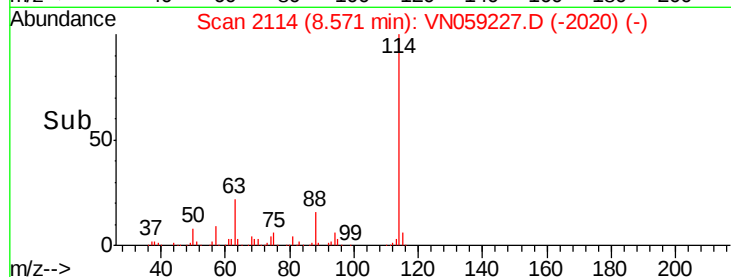
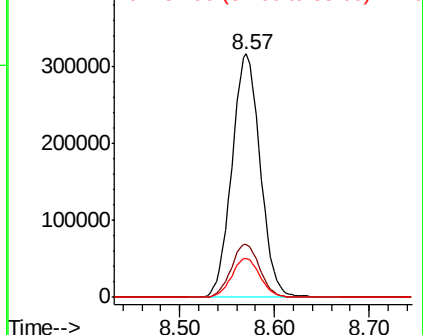
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059227.D
 Acq: 14 Nov 2019 12:47

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 657786
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.4
 88 16.1 0.0 32.2

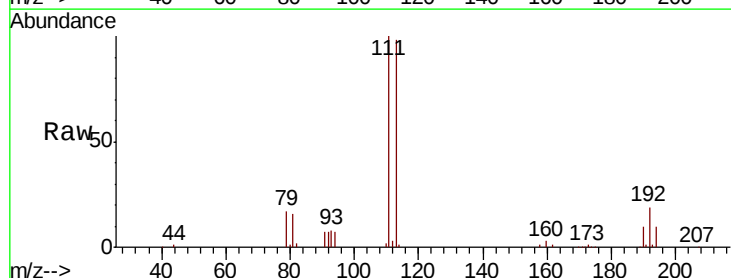


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

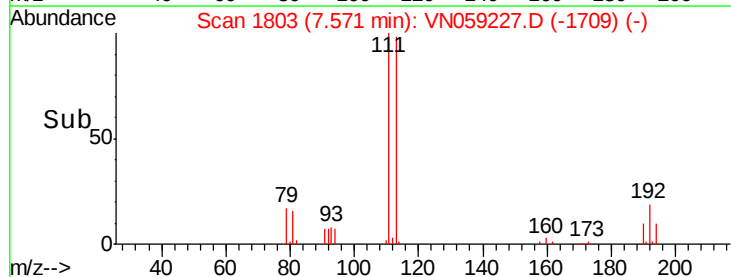
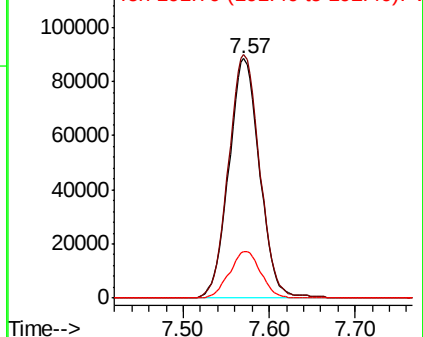


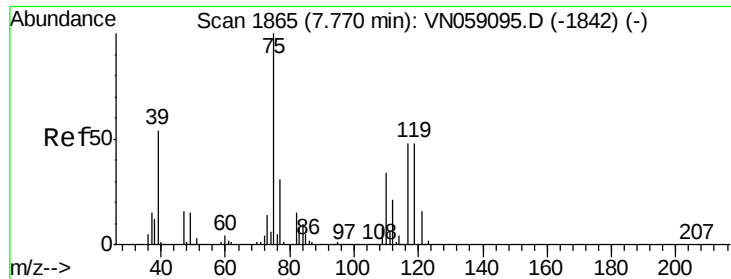
#35
 Dibromofluoromethane
 Concen: 56.002 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059227.D
 Acq: 14 Nov 2019 12:47

Tgt Ion:113 Resp: 219955
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.8 124.2
 192 19.8 16.1 24.1



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

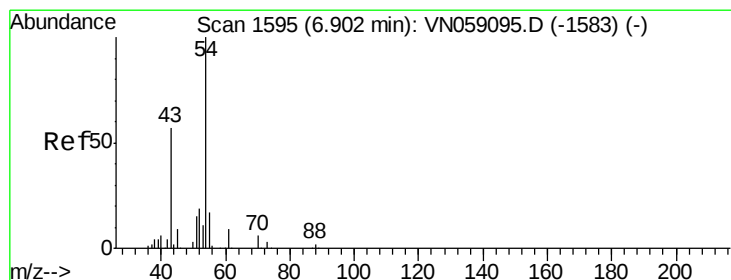
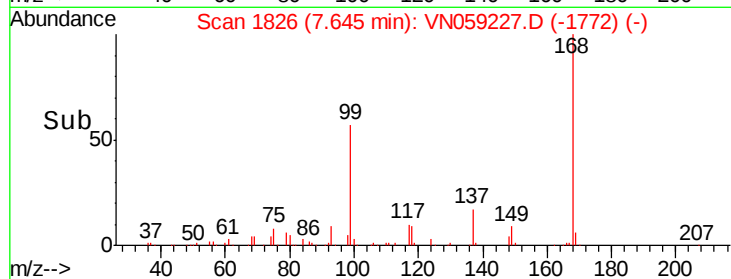
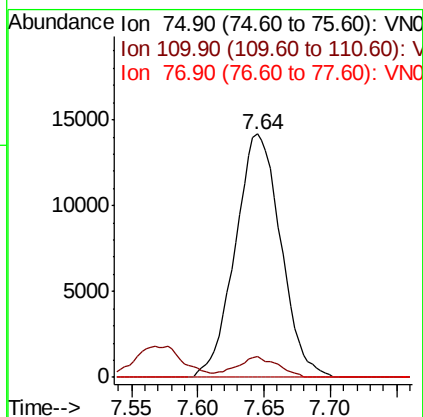
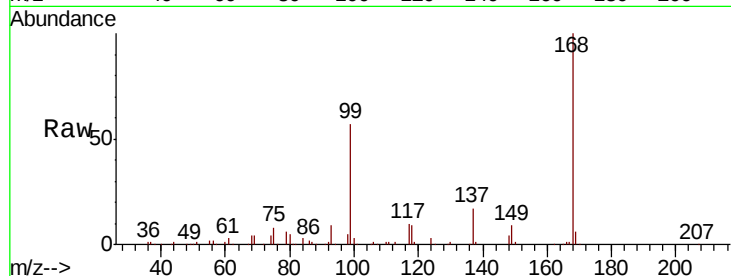




#36
 1,1-Dichloropropene
 Concen: 5.521 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059227.D
 Acq: 14 Nov 2019 12:47

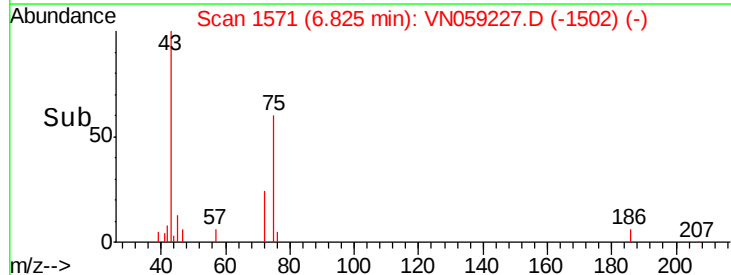
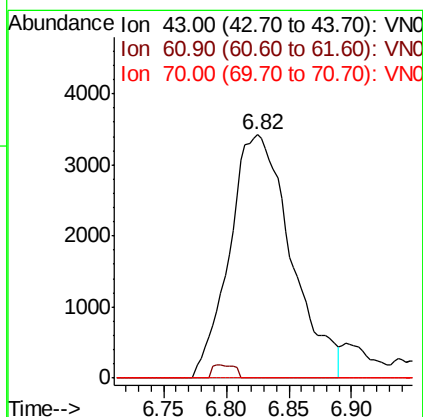
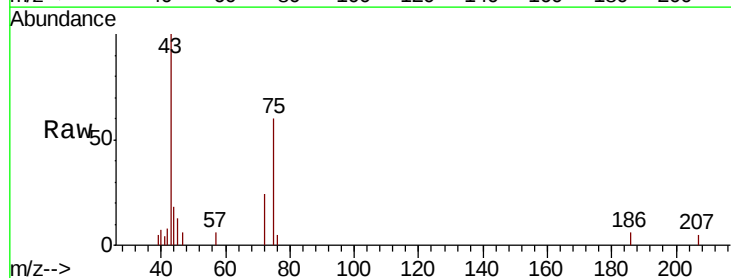
Instrument :
 MSVOA_N
 ClientSampled :

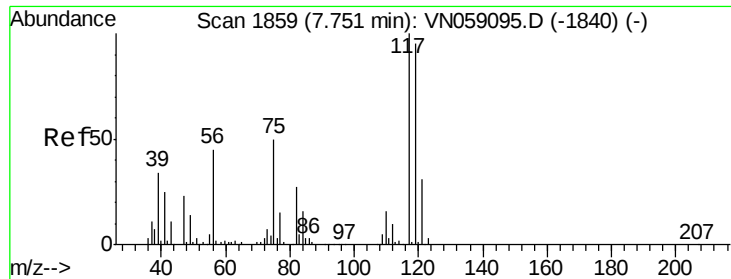
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.7	17.1	51.2#
77	0.0	24.8	37.2#



#37
 Ethyl Acetate
 Concen: 1.704 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.08 min
 Lab File: VN059227.D
 Acq: 14 Nov 2019 12:47

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.2	16.8#
70	0.0	7.8	11.8#





#38

Carbon Tetrachloride

Concen: 6.695 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.10 min

Lab File: VN059227.D

Acq: 14 Nov 2019 12:47

Instrument :

MSVOA_N

ClientSampled :

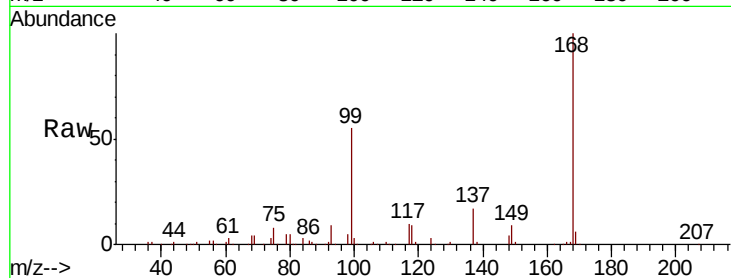
Tot Ion:117 Resp: 40970

Ion Ratio Lower Upper

117 100

119 6.0 75.6 113.4#

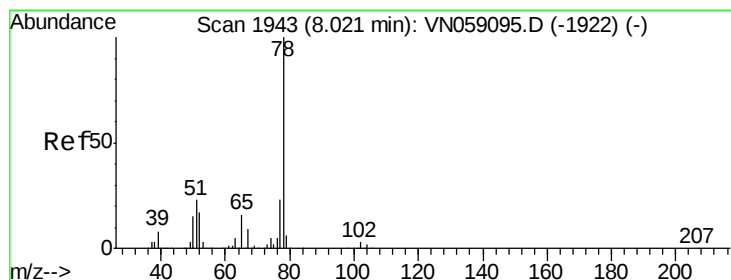
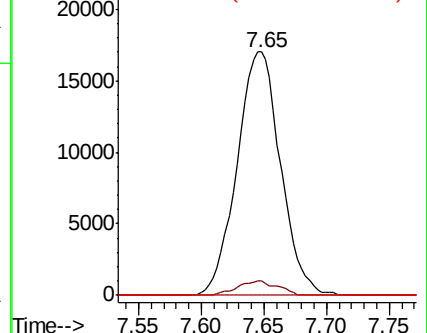
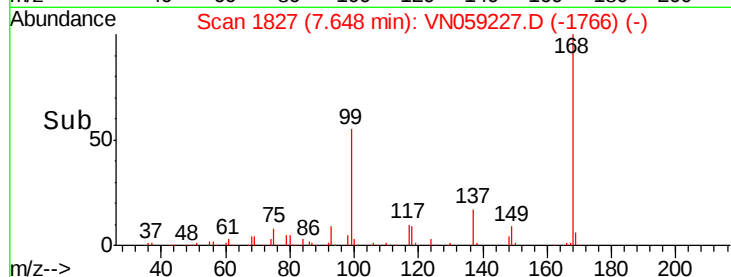
121 0.0 24.6 36.8#



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



#40

Benzene

Concen: 0.377 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN059227.D

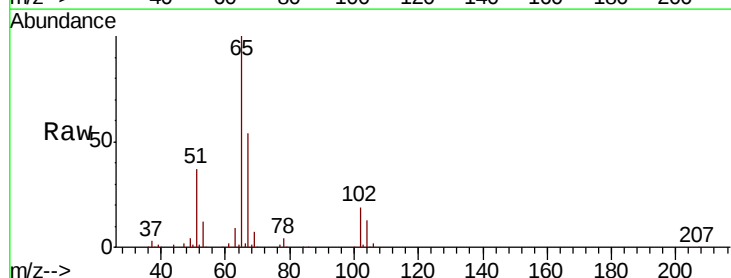
Acq: 14 Nov 2019 12:47

Tgt Ion: 78 Resp: 6971

Ion Ratio Lower Upper

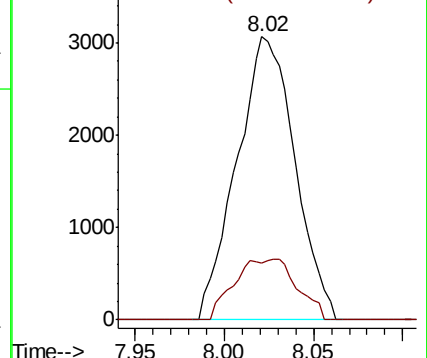
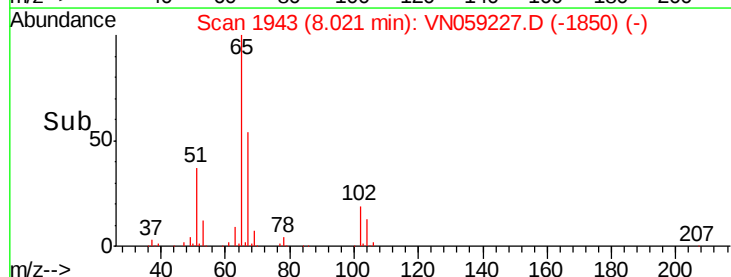
78 100

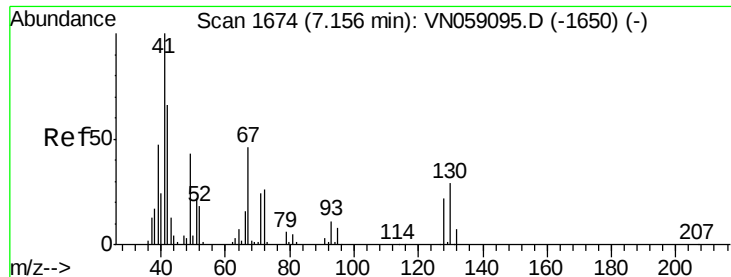
77 20.2 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

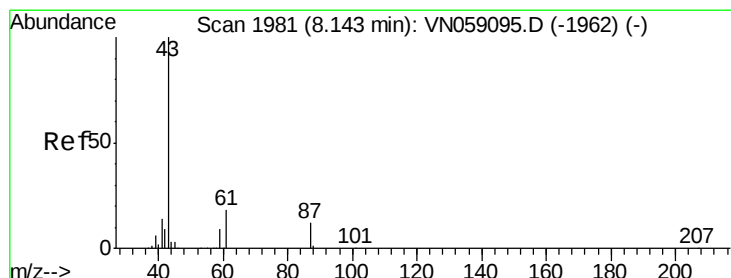
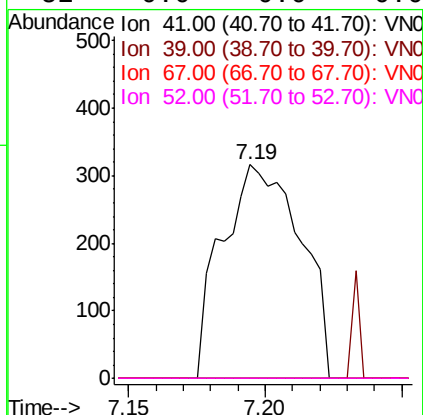
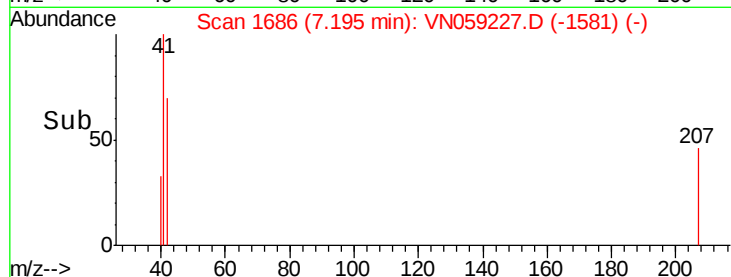
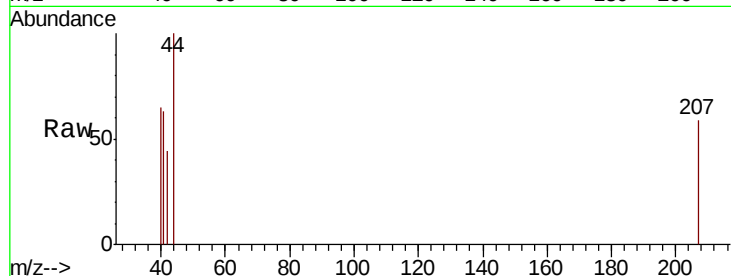




#41
Methacrylonitrile
Concen: 0.213 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.04 min
Lab File: VN059227.D
Acq: 14 Nov 2019 12:47

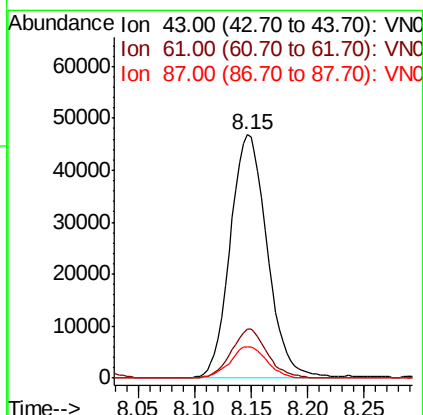
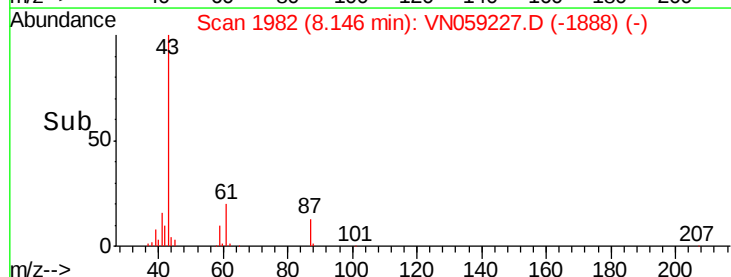
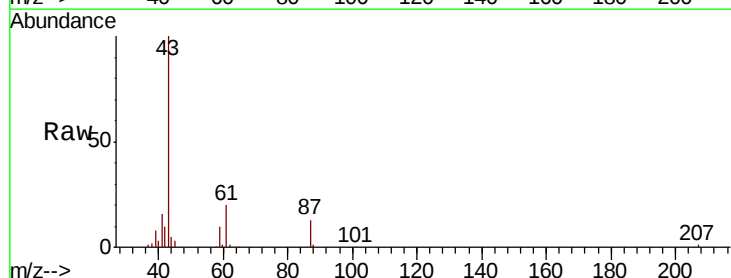
Instrument :
MSVOA_N
ClientSampleId :

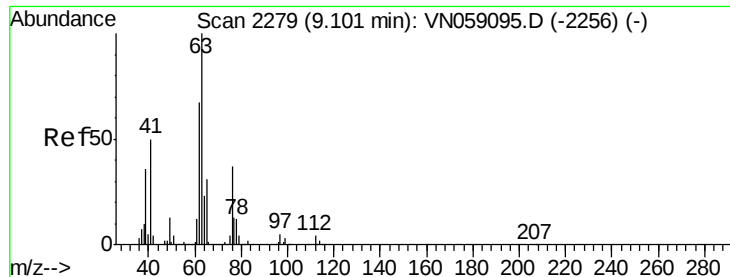
Tot Ion:	41	Resp:	633
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#43
Isopropyl Acetate
Concen: 9.805 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VN059227.D
Acq: 14 Nov 2019 12:47

Tgt Ion:	43	Resp:	106922
Ion	Ratio	Lower	Upper
43	100		
61	19.3	21.0	31.6#
87	12.6	9.8	14.6





#45

1,2-Dichloropropane

Concen: 0.459 ug/l

RT: 9.26 min Scan# 2327

Delta R.T. 0.15 min

Lab File: VN059227.D

Acq: 14 Nov 2019 12:47

Instrument :

MSVOA_N

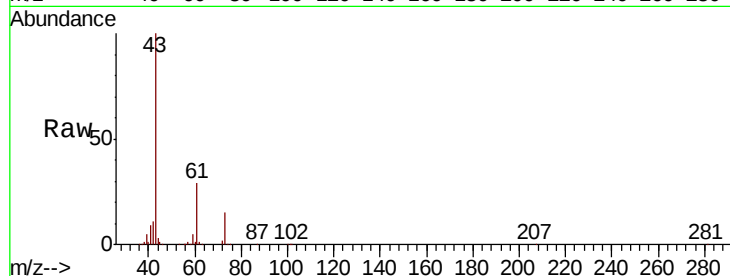
ClientSampled :

Tot Ion: 63 Resp: 2310

Ion Ratio Lower Upper

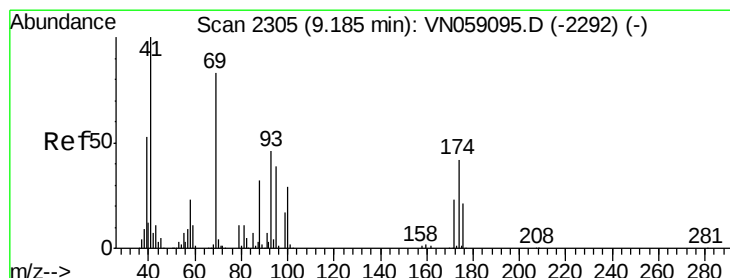
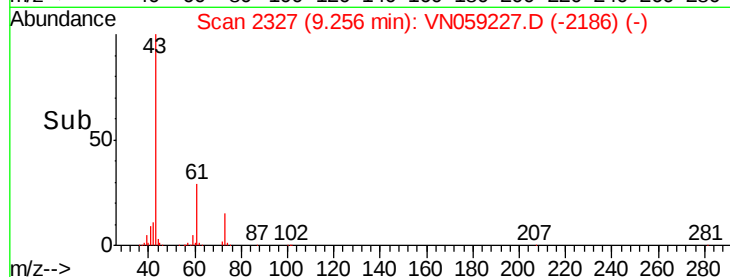
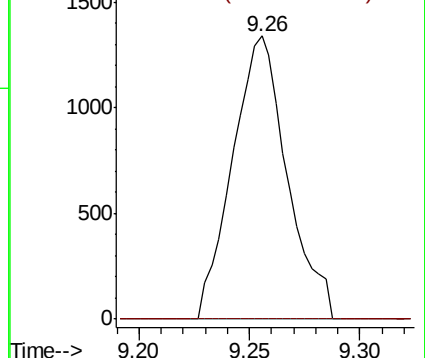
63 100

65 0.0 24.6 37.0#



Abundance Ion 62.90 (62.60 to 63.60): VNC

Ion 64.90 (64.60 to 65.60): VNC



#48

Methyl methacrylate

Concen: 1.310 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.02 min

Lab File: VN059227.D

Acq: 14 Nov 2019 12:47

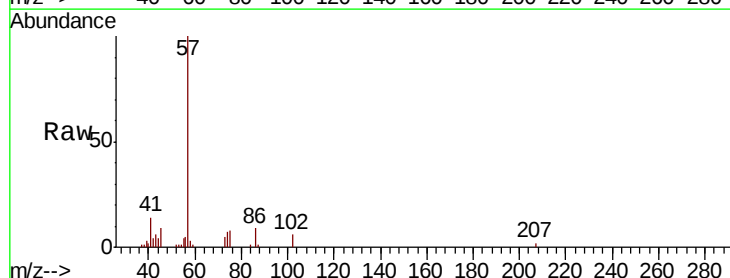
Tgt Ion: 41 Resp: 6389

Ion Ratio Lower Upper

41 100

69 0.0 67.3 100.9#

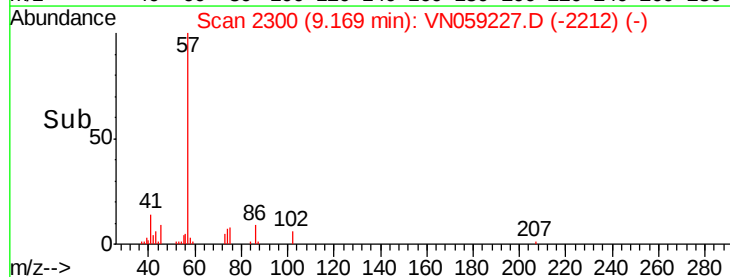
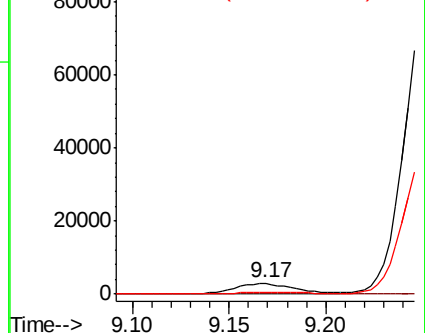
39 0.0 43.3 64.9#

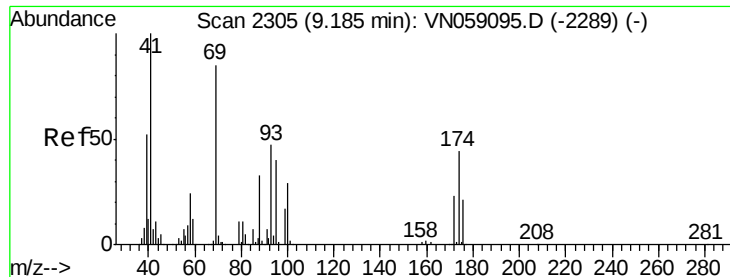


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 39.00 (38.70 to 39.70): VNC





#49

1,4-Dioxane

Concen: 0.796 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.07 min

Lab File: VN059227.D

Acq: 14 Nov 2019 12:47

Instrument :

MSVOA_N

ClientSampled :

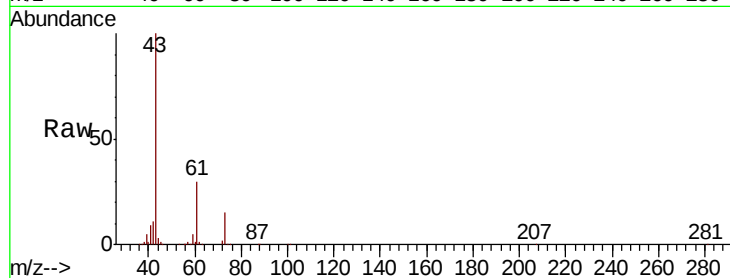
Tot Ion: 88 Resp: 69

Ion Ratio Lower Upper

88 100

43 2648166.7 26.3 39.5#

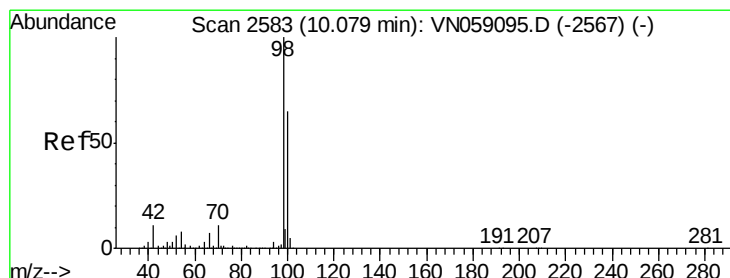
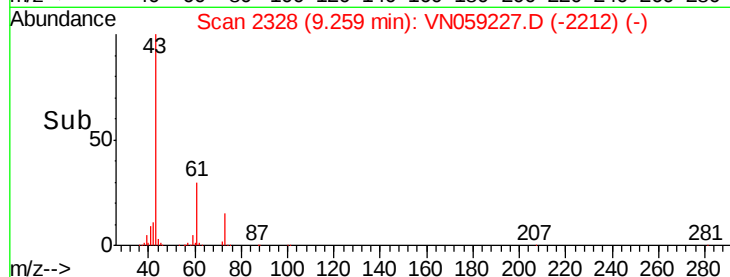
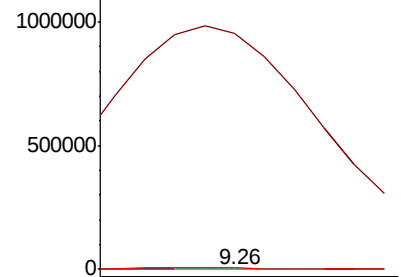
58 12555.1 60.6 90.8#



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: 54.601 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059227.D

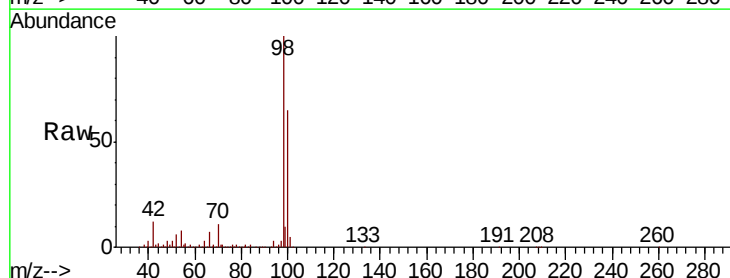
Acq: 14 Nov 2019 12:47

Tgt Ion: 98 Resp: 844706

Ion Ratio Lower Upper

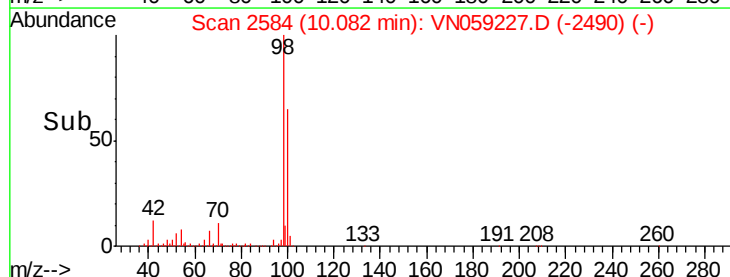
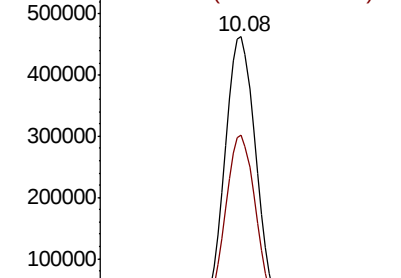
98 100

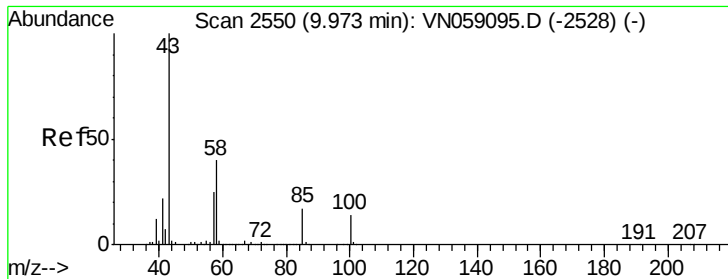
100 65.2 52.2 78.2



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: 1.026 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN059227.D

Acq: 14 Nov 2019 12:47

Instrument :

MSVOA_N

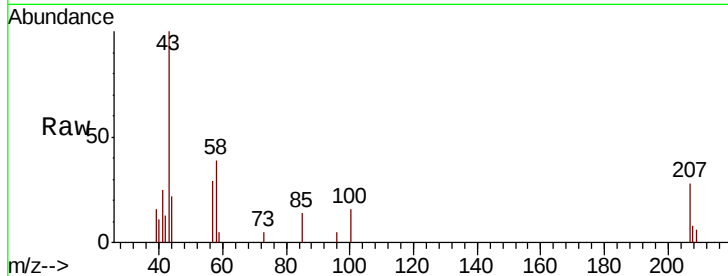
ClientSampleId :

Tot Ion: 43 Resp: 6328

Ion Ratio Lower Upper

43 100

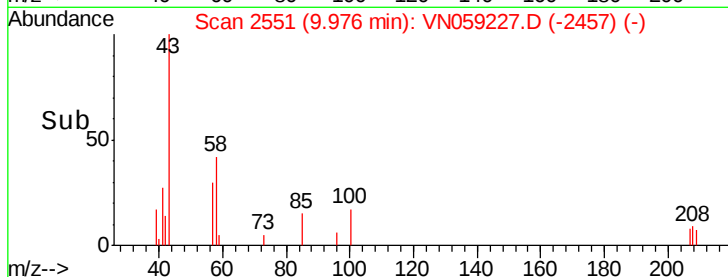
58 40.9 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VN059227.D (-2457) (-)

Ion 58.00 (57.70 to 58.70): VN059227.D (-2457) (-)

Time-->

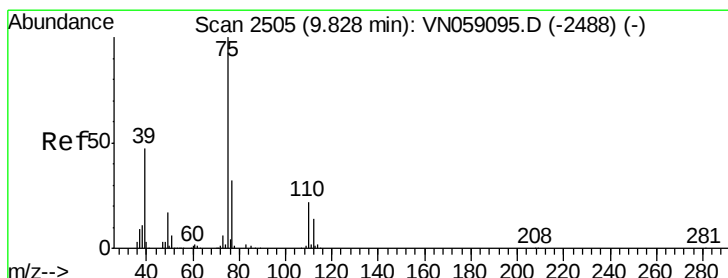


Abundance

Ion 43.00 (42.70 to 43.70): VN059227.D (-2457) (-)

Ion 58.00 (57.70 to 58.70): VN059227.D (-2457) (-)

Time-->



#54

cis-1,3-Dichloropropene

Concen: 4.851 ug/l

RT: 9.90 min Scan# 2526

Delta R.T. 0.07 min

Lab File: VN059227.D

Acq: 14 Nov 2019 12:47

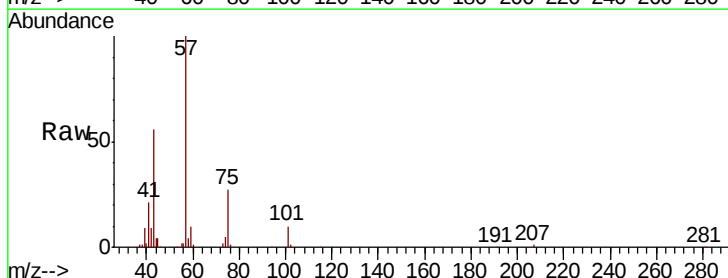
Tgt Ion: 75 Resp: 37727

Ion Ratio Lower Upper

75 100

77 0.0 25.5 38.3#

39 33.9 37.3 55.9#

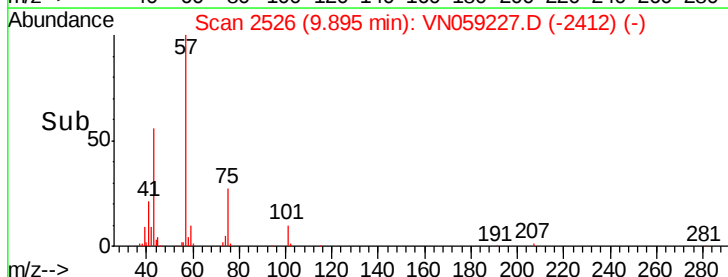


Abundance Ion 74.90 (74.60 to 75.60): VN059227.D (-2412) (-)

Ion 76.90 (76.60 to 77.60): VN059227.D (-2412) (-)

Ion 39.00 (38.70 to 39.70): VN059227.D (-2412) (-)

Time-->



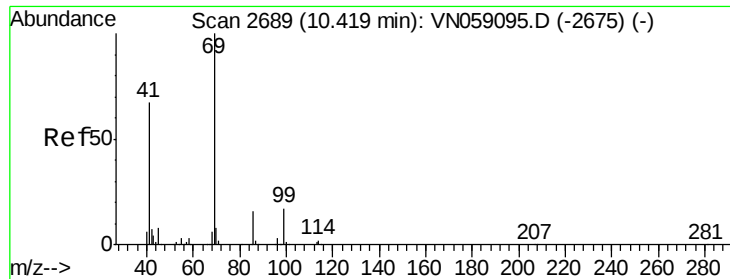
Abundance

Ion 74.90 (74.60 to 75.60): VN059227.D (-2412) (-)

Ion 76.90 (76.60 to 77.60): VN059227.D (-2412) (-)

Ion 39.00 (38.70 to 39.70): VN059227.D (-2412) (-)

Time-->



#56

Ethyl methacrylate

Concen: 2.067 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. 0.12 min

Lab File: VN059227.D

Acq: 14 Nov 2019 12:47

Instrument :

MSVOA_N

ClientSampled :

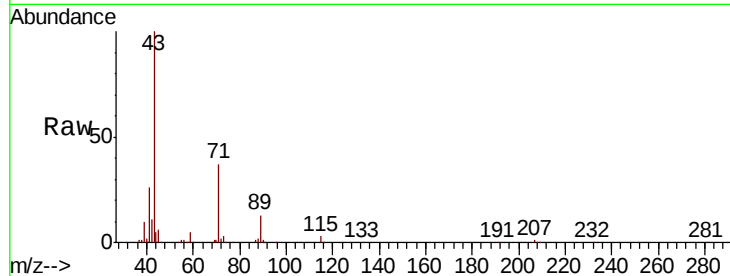
Tot Ion: 69 Resp: 1506

Ion Ratio Lower Upper

69 100

41 4340.4 53.6 80.4#

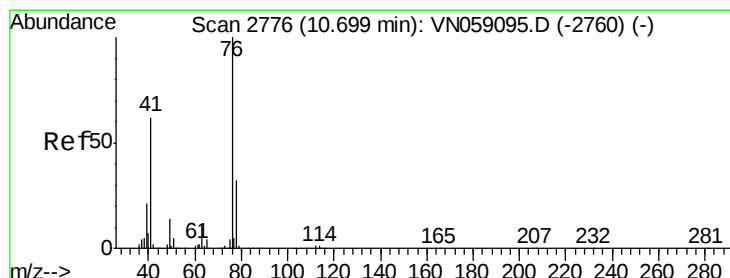
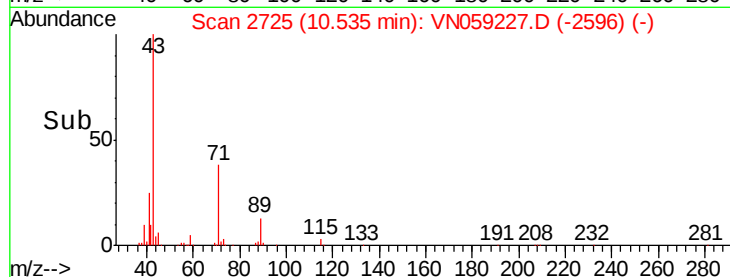
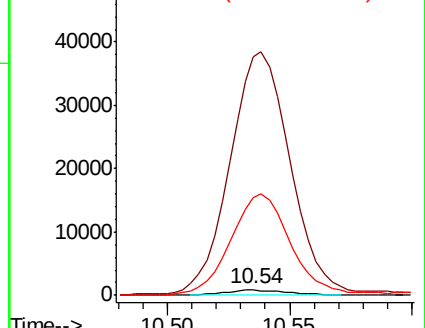
39 1818.0 26.2 39.4#



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: 0.716 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN059227.D

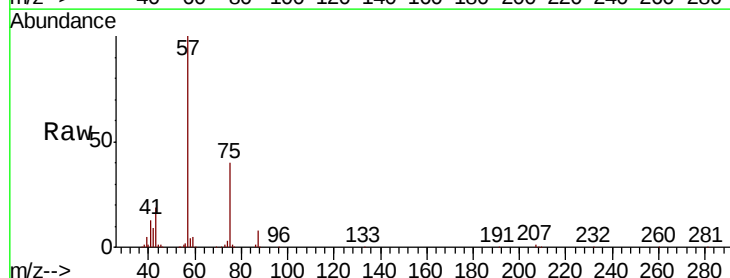
Acq: 14 Nov 2019 12:47

Tgt Ion: 76 Resp: 5531

Ion Ratio Lower Upper

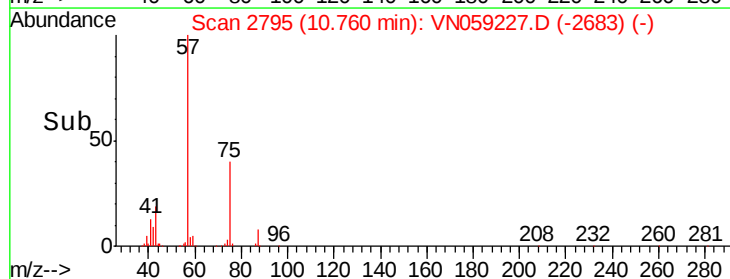
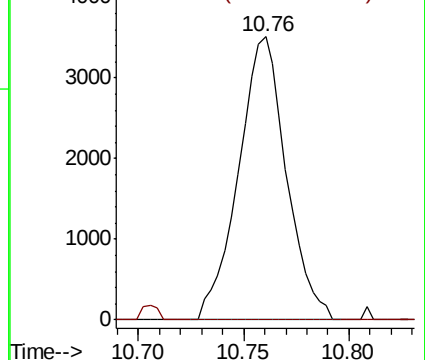
76 100

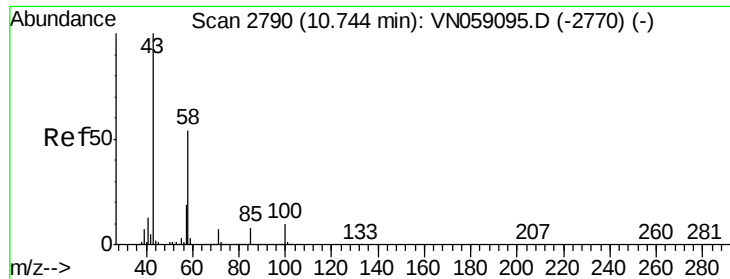
78 0.0 25.8 38.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

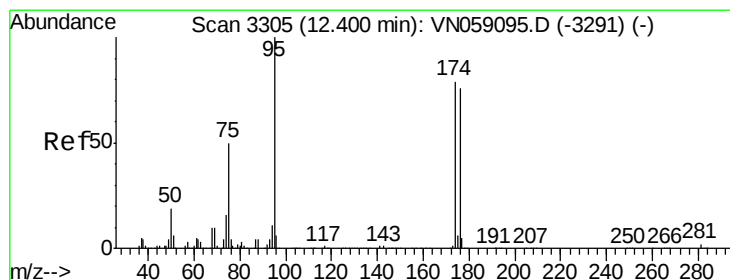
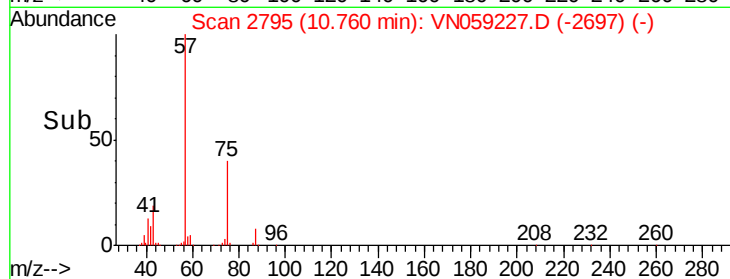
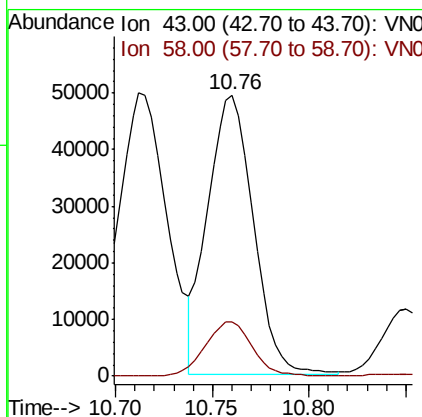
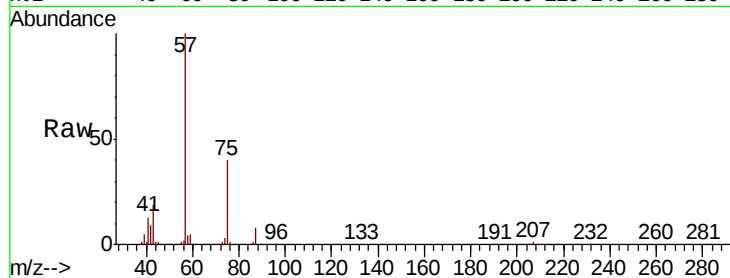




#59
2-Hexanone
Concen: 17.135 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.02 min
Lab File: VN059227.D
Acq: 14 Nov 2019 12:47

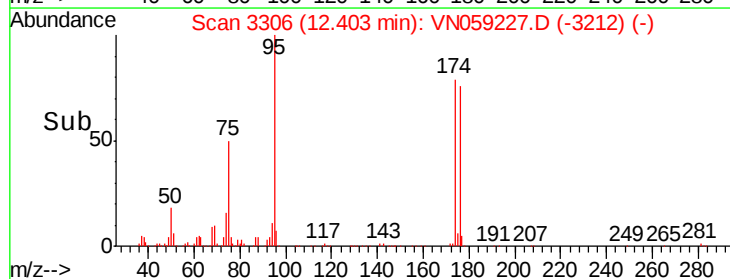
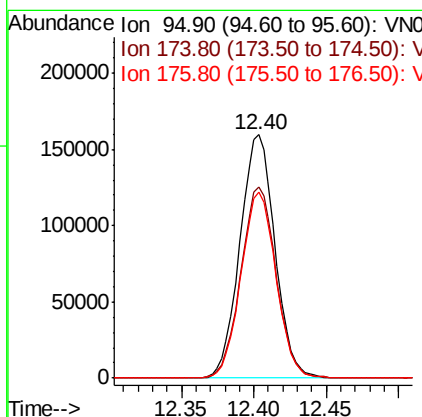
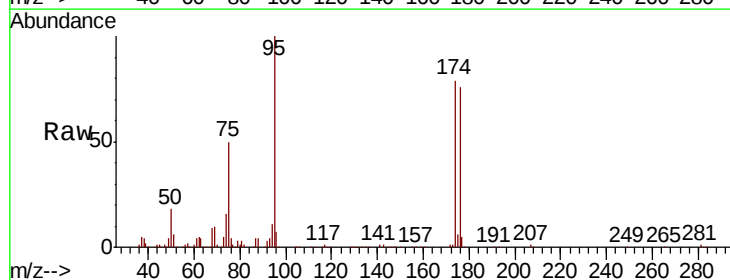
Instrument :
MSVOA_N
ClientSampled :

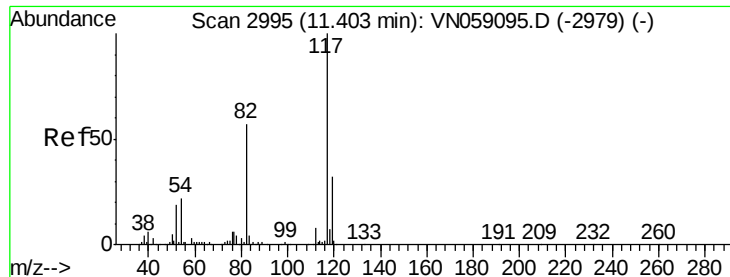
Tot Ion: 43 Resp: 81148
Ion Ratio Lower Upper
43 100
58 20.1 27.3 81.8#



#62
4-Bromofluorobenzene
Concen: 48.101 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN059227.D
Acq: 14 Nov 2019 12:47

Tgt Ion: 95 Resp: 268314
Ion Ratio Lower Upper
95 100
174 79.4 0.0 158.2
176 76.7 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN059227.D

Acq: 14 Nov 2019 12:47

Instrument :

MSVOA_N

ClientSampled :

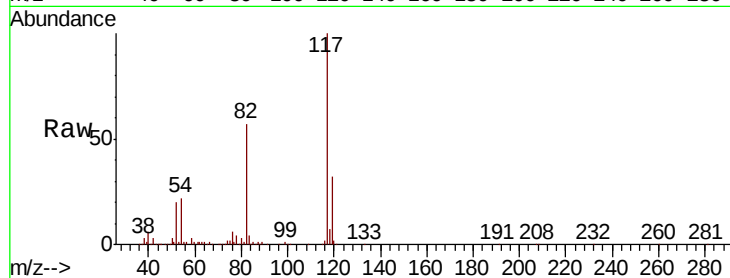
Tot Ion:117 Resp: 593755

Ion Ratio Lower Upper

117 100

82 56.9 45.8 68.8

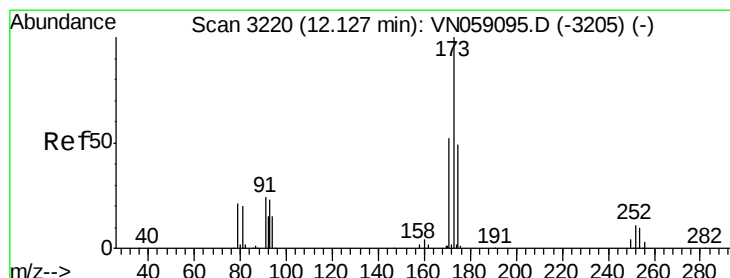
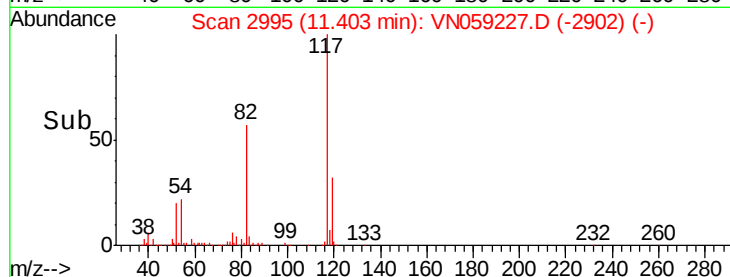
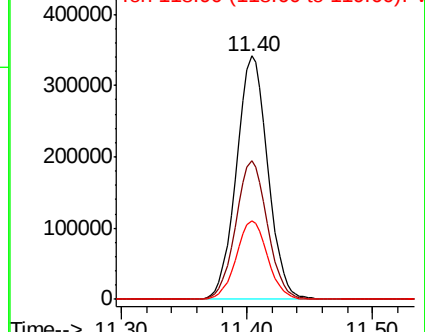
119 32.2 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#71

Bromoform

Concen: 0.463 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN059227.D

Acq: 14 Nov 2019 12:47

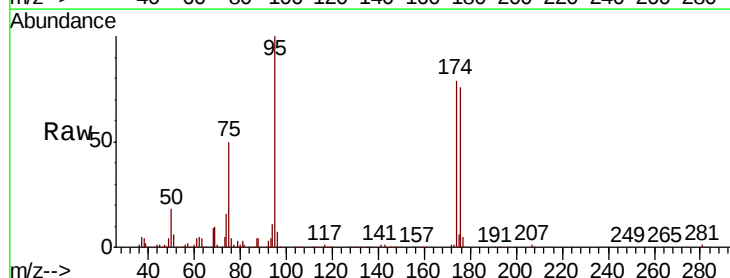
Tgt Ion:173 Resp: 1565

Ion Ratio Lower Upper

173 100

175 800.1 24.2 72.6#

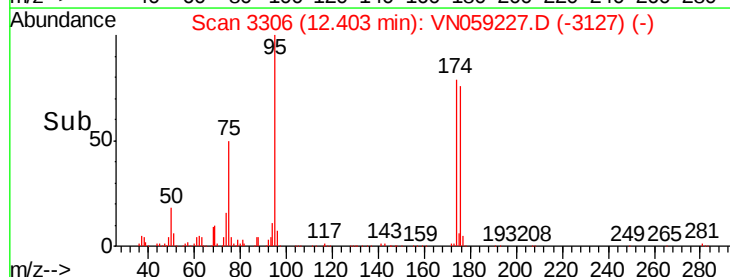
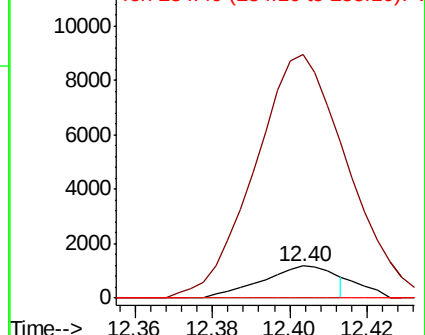
254 0.0 0.1 0.1#

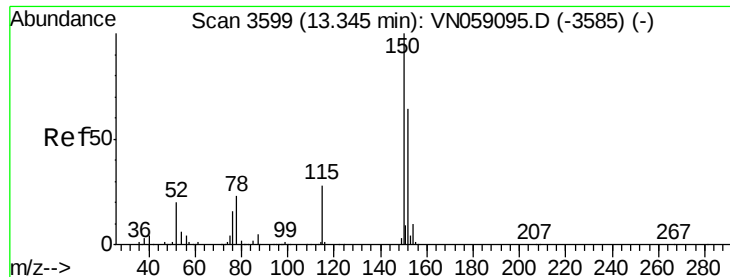


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059227.D

Acq: 14 Nov 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

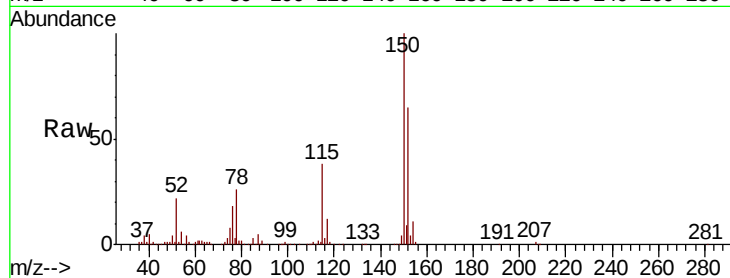
Tot Ion:152 Resp: 216881

Ion Ratio Lower Upper

152 100

115 58.5 29.4 88.2

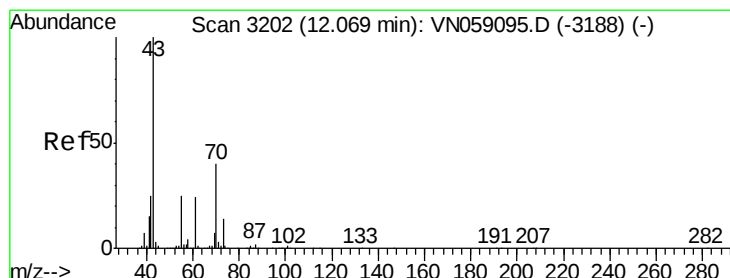
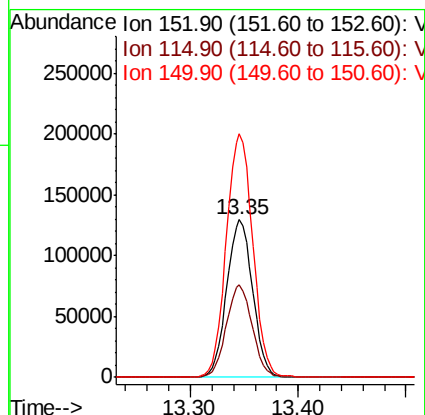
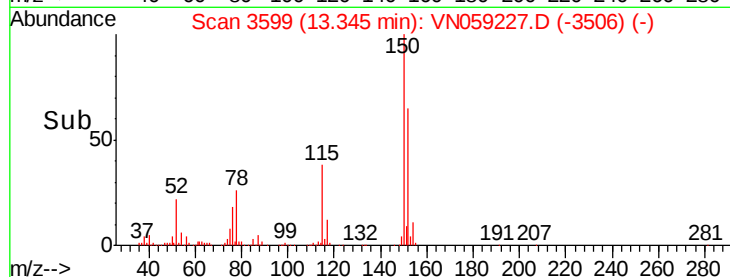
150 157.4 0.0 345.8



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: 0.226 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN059227.D

Acq: 14 Nov 2019 12:47

Tgt Ion: 43 Resp: 1511

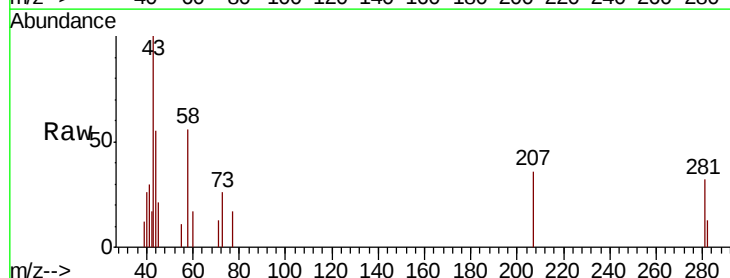
Ion Ratio Lower Upper

43 100

70 0.0 32.2 48.4#

55 1.9 20.4 30.6#

61 0.0 19.3 28.9#

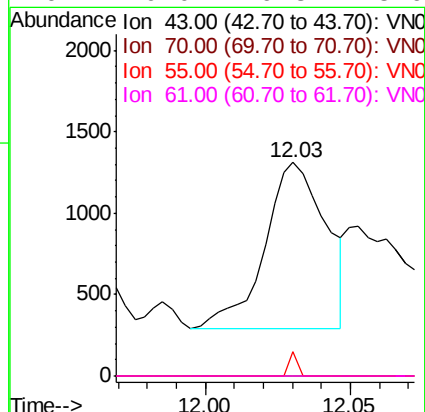
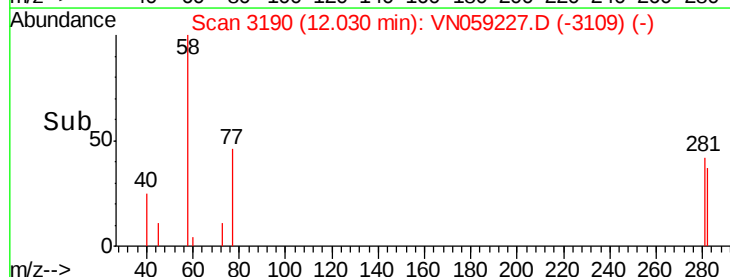


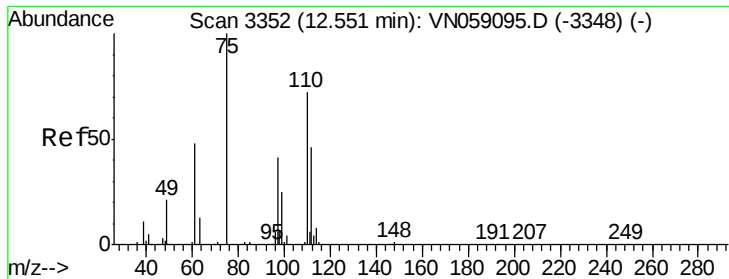
Abundance Ion 43.00 (42.70 to 43.70): VNO

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: 27.083 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN059227.D

Acq: 14 Nov 2019 12:47

Instrument :

MSVOA_N

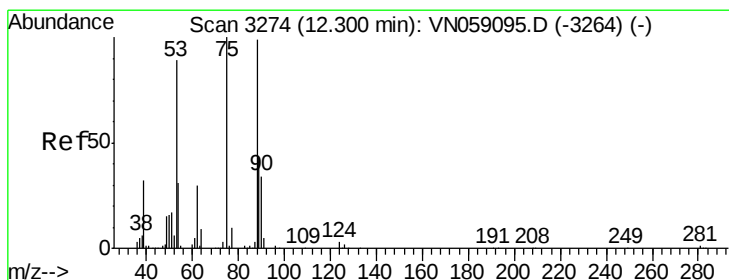
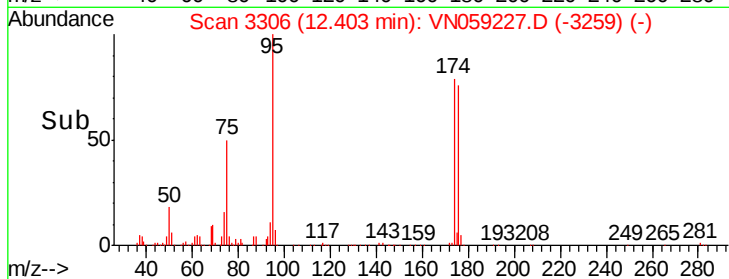
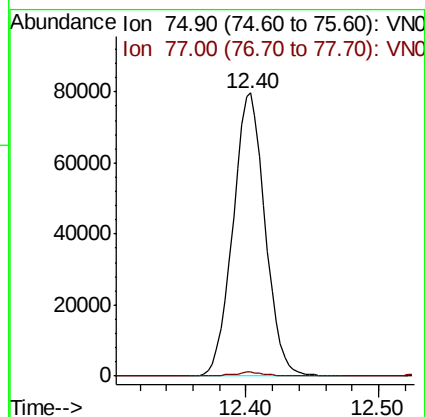
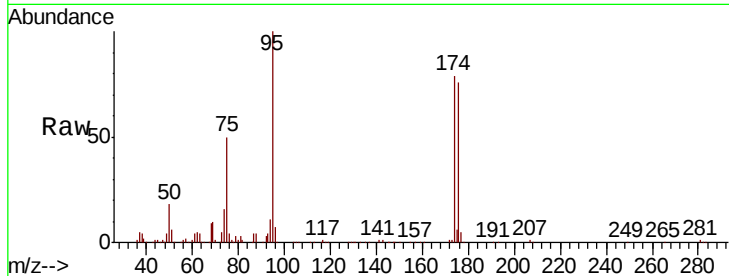
ClientSampled :

Tot Ion: 75 Resp: 133727

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.534 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN059227.D

Acq: 14 Nov 2019 12:47

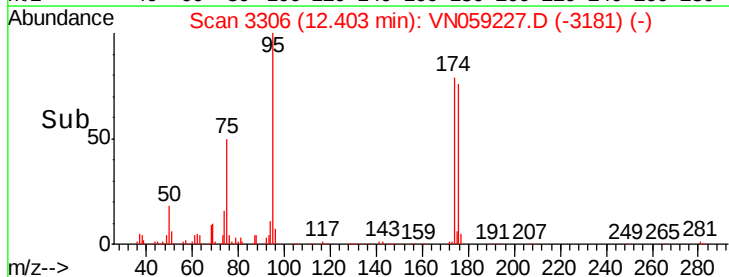
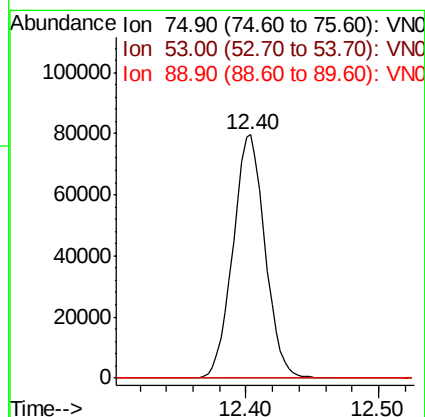
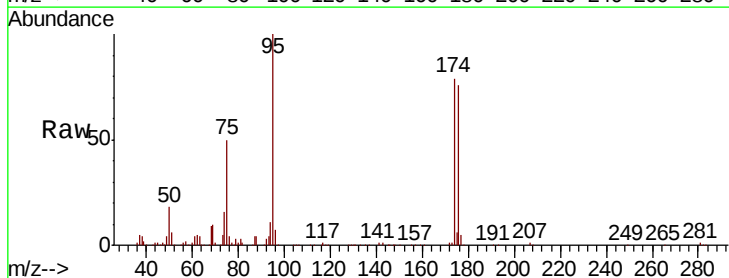
Tgt Ion: 75 Resp: 133727

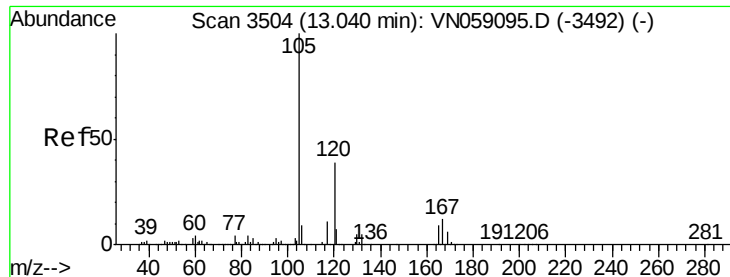
Ion Ratio Lower Upper

75 100

53 0.0 72.2 108.2#

89 0.0 35.8 53.8#

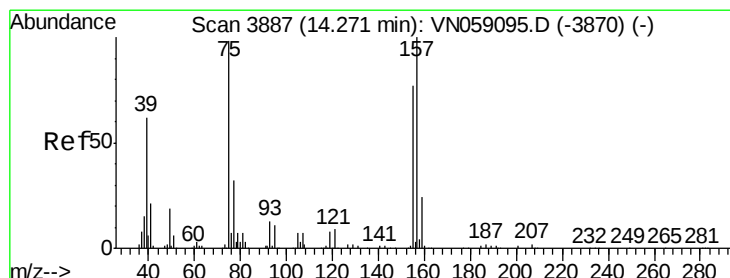
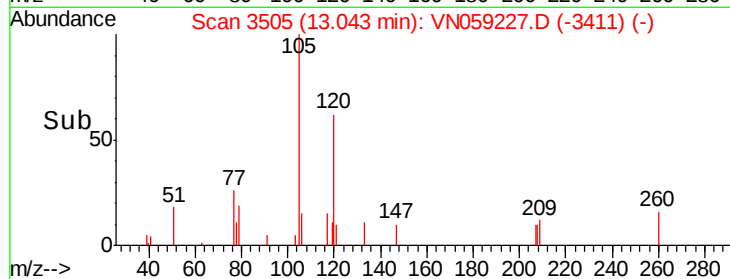
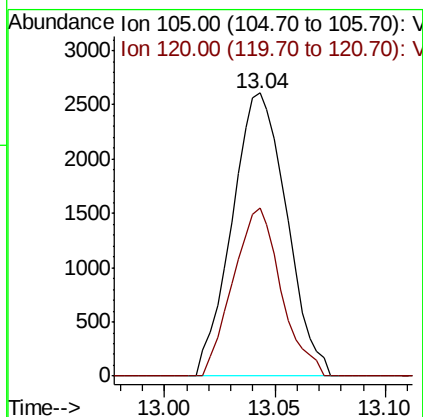
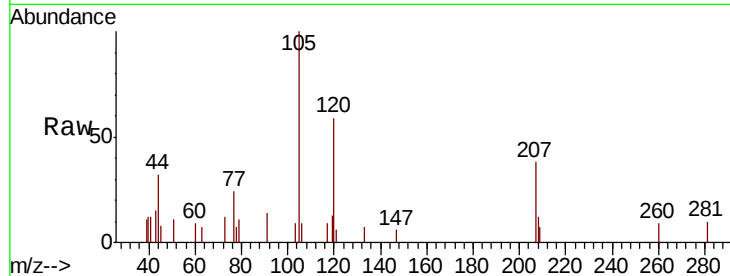




#84
 1,2,4-Trimethylbenzene
 Concen: 0.347 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN059227.D
 Acq: 14 Nov 2019 12:47

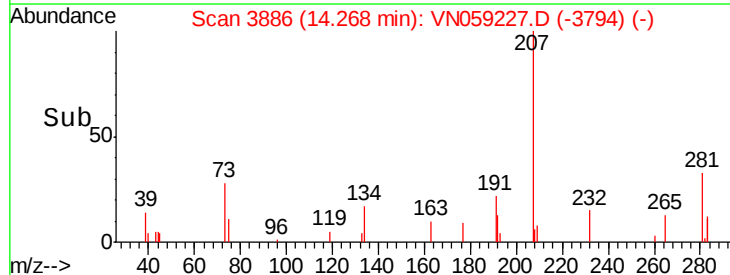
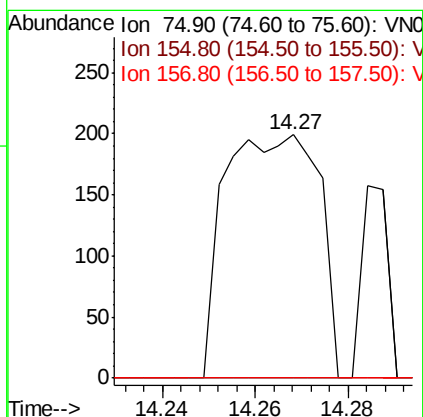
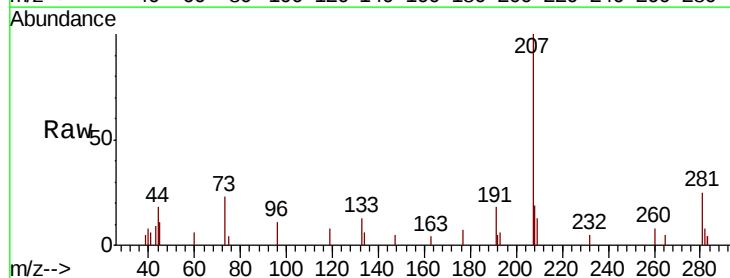
Instrument :
 MSVOA_N
 ClientSampled :

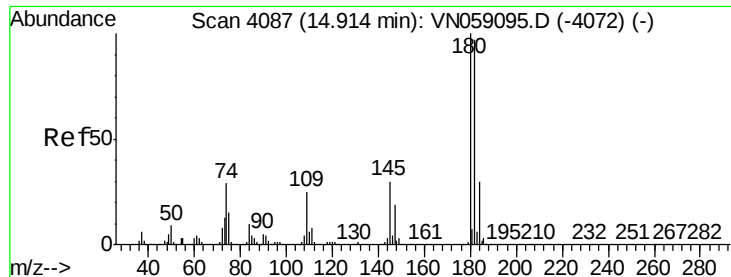
Tot Ion: 105 Resp: 4489
 Ion Ratio Lower Upper
 105 100
 120 52.4 22.8 68.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.288 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN059227.D
 Acq: 14 Nov 2019 12:47

Tgt Ion: 75 Resp: 281
 Ion Ratio Lower Upper
 75 100
 155 0.0 40.2 120.6#
 157 0.0 51.8 155.5#

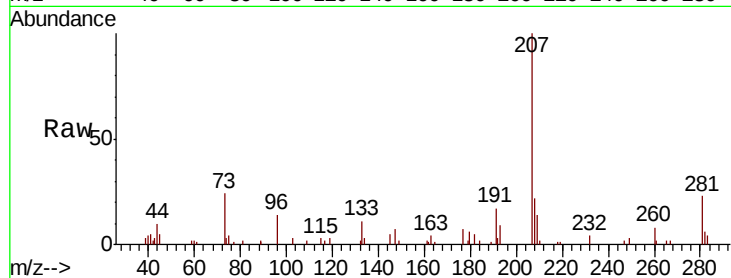




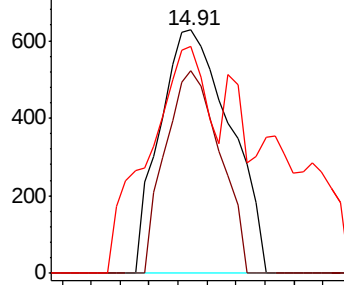
#93
 1,2,4-Trichlorobenzene
 Concen: 3.292 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059227.D
 Acq: 14 Nov 2019 12:47

Instrument :
 MSVOA_N
 ClientSampleId :

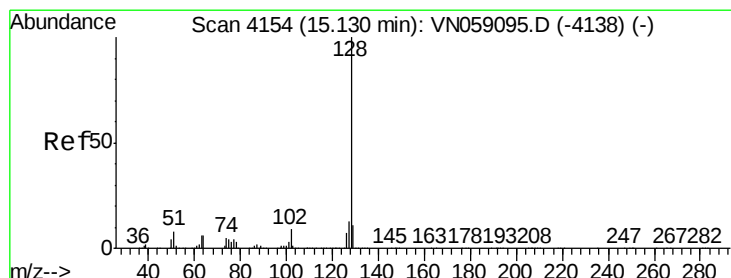
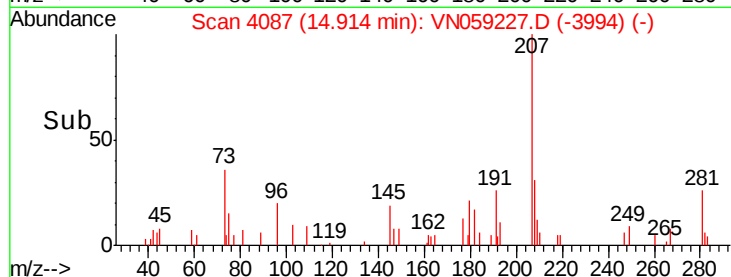
Tot Ion:180 Resp: 1058
 Ion Ratio Lower Upper
 180 100
 182 64.6 48.1 144.3
 145 83.5 15.1 45.3#



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

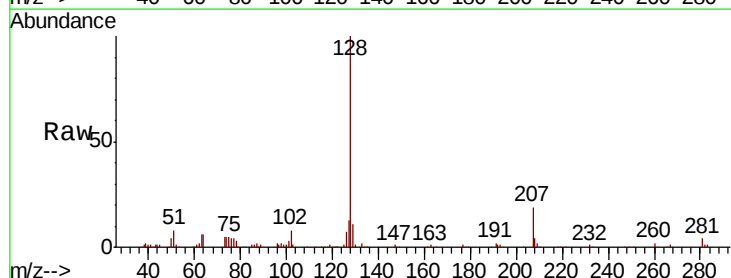


Time-->

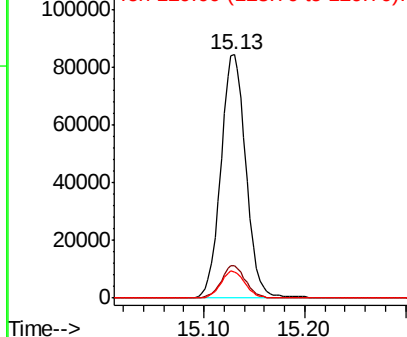


#95
 Naphthalene
 Concen: 15.291 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN059227.D
 Acq: 14 Nov 2019 12:47

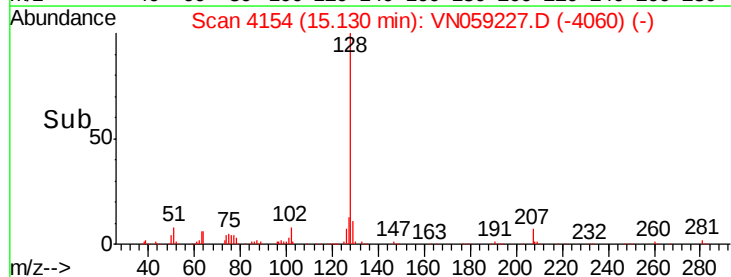
Tgt Ion:128 Resp: 146560
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.2 15.2
 129 10.9 8.6 12.8

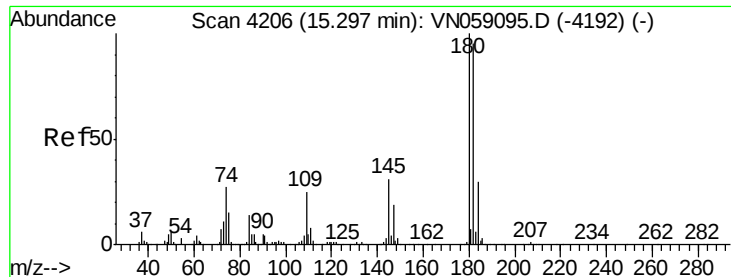


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V



Time-->





#96
 1,2,3-Trichlorobenzene
 Concen: 0.296 ug/l
 RT: 15.30 min Scan# 4207
 Delta R.T. 0.00 min
 Lab File: VN059227.D
 Acq: 14 Nov 2019 12:47

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	84.2	47.3	141.8
145	0.0	15.8	47.3#

