

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111119\
 Data File : VN059163.D
 Acq On : 11 Nov 2019 16:00
 Operator : JC/SP
 Sample : K5760-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 12 00:43:37 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	7.64	168	447036	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	706500	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	642183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	240455	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	300324	54.65	ug/l	0.00
Spiked Amount			Recovery	=	109.30%	
35) Dibromofluoromethane	7.57	113	229695	54.45	ug/l	0.00
Spiked Amount			Recovery	=	108.90%	
50) Toluene-d8	10.08	98	898568	54.08	ug/l	0.00
Spiked Amount			Recovery	=	108.16%	
62) 4-Bromofluorobenzene	12.40	95	292058	48.75	ug/l	0.00
Spiked Amount			Recovery	=	97.50%	

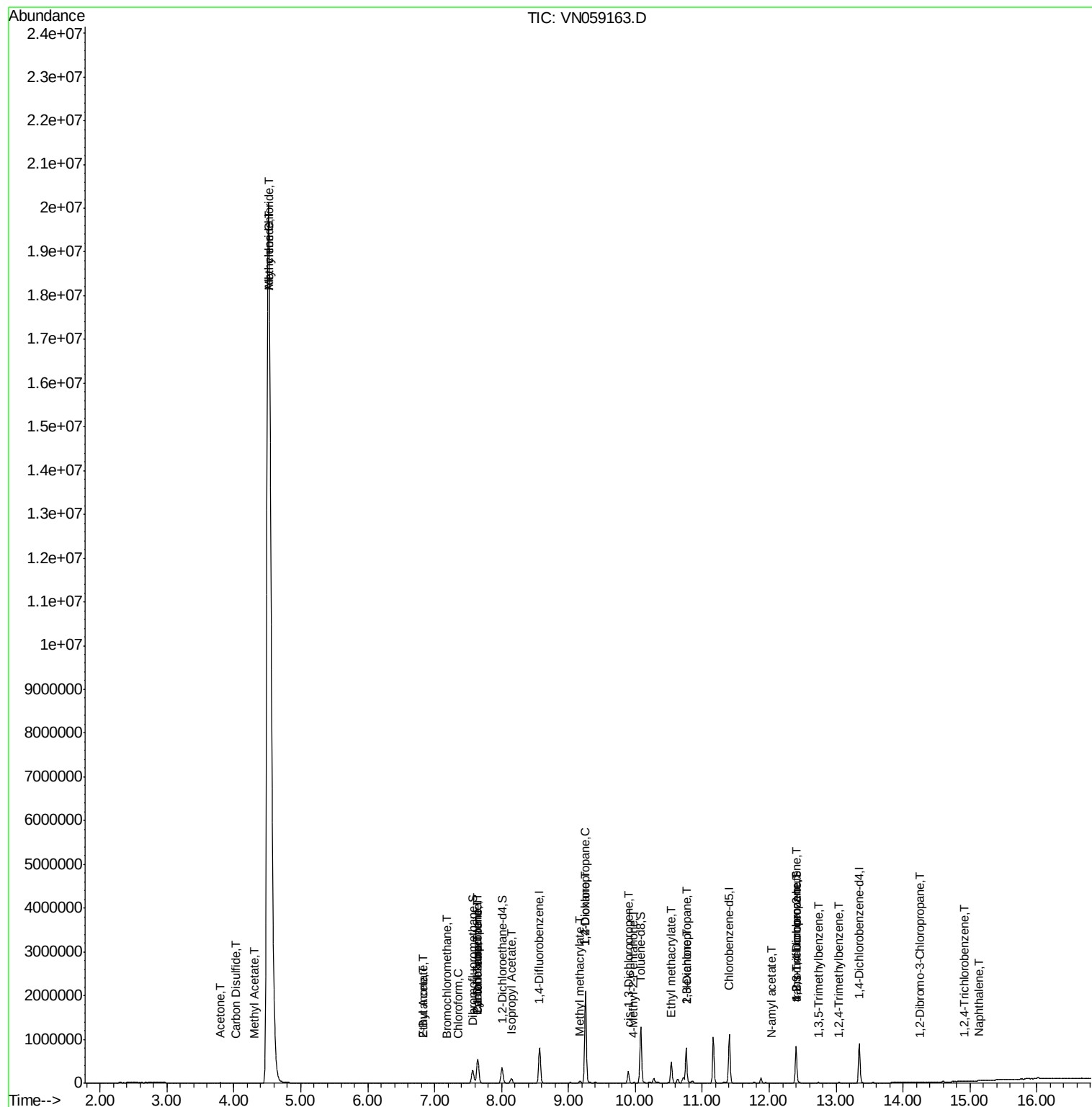
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.52	41	1490886	174.046	ug/l #	29
16) Acetone	3.80	43	17026	5.958	ug/l	95
17) Carbon Disulfide	4.03	76	2851	0.220	ug/l #	83
18) Methyl Acetate	4.31	43	5443	0.802	ug/l #	53
20) Methylene Chloride	4.52	84	17370489	3489.153	ug/l #	66
25) 2-Butanone	6.83	43	7216	1.916	ug/l	96
28) Bromochloromethane	7.18	49	815	0.300	ug/l #	38
30) Chloroform	7.35	83	2782	0.321	ug/l	95
31) Cyclohexane	7.64	56	9631	1.126	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	34857	5.278	ug/l #	50
37) Ethyl Acetate	6.83	43	7216	0.982	ug/l #	69
38) Carbon Tetrachloride	7.64	117	43400	6.603	ug/l #	17
43) Isopropyl Acetate	8.15	43	114676	9.791	ug/l #	89
45) 1,2-Dichloropropane	9.26	63	2380	0.441	ug/l #	44
48) Methyl methacrylate	9.17	41	6868	1.311	ug/l #	14
49) 1,4-Dioxane	9.25	88	204	2.191	ug/l #	1
51) 4-Methyl-2-Pentanone	9.97	43	7471	1.127	ug/l	89
54) cis-1,3-Dichloropropene	9.89	75	46266	5.539	ug/l #	65
56) Ethyl methacrylate	10.53	69	1773	2.085	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	8263	0.995	ug/l #	44
59) 2-Hexanone	10.76	43	123569	24.293	ug/l #	51
74) N-amyl acetate	12.03	43	5189	0.700	ug/l #	47
76) 1,2,3-Trichloropropane	12.40	75	149700	27.346	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	4307	0.291	ug/l	90
81) trans-1,4-Dichloro-2-buten	12.40	75	149700	72.228	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	5774	0.403	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.27	75	325	0.300	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.92	180	289	3.107	ug/l #	1
95) Naphthalene	15.13	128	4444	3.380	ug/l #	90

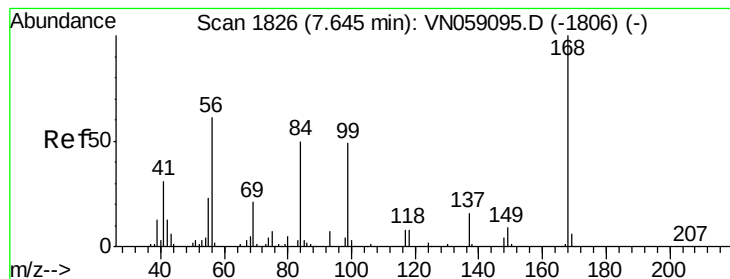
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059163.D

Acq: 11 Nov 2019 16:00

Instrument :

MSVOA_N

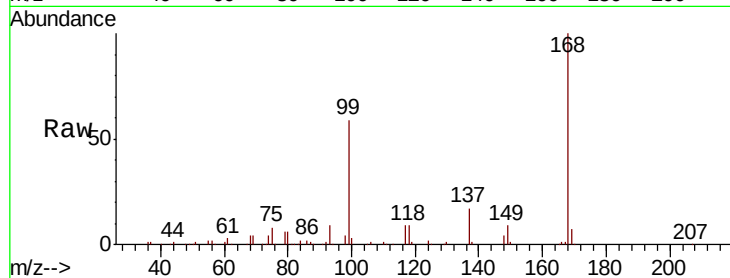
ClientSampleId :

Tot Ion:168 Resp: 447036

Ion Ratio Lower Upper

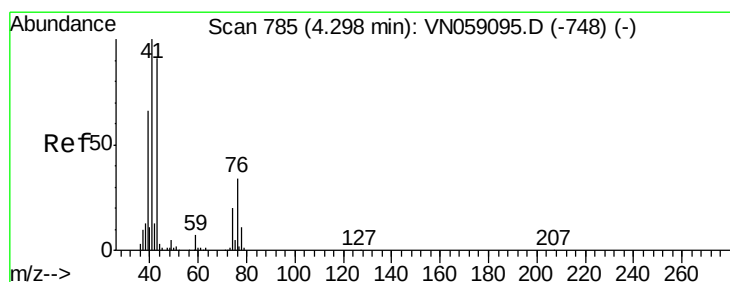
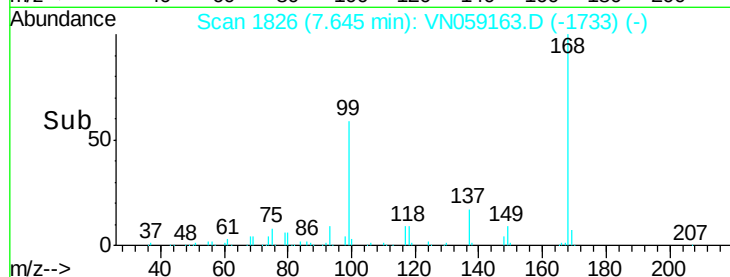
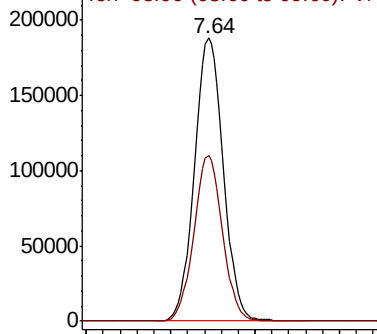
168 100

99 58.6 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#14

Allyl chloride

Concen: 174.046 ug/l

RT: 4.52 min Scan# 853

Delta R.T. 0.22 min

Lab File: VN059163.D

Acq: 11 Nov 2019 16:00

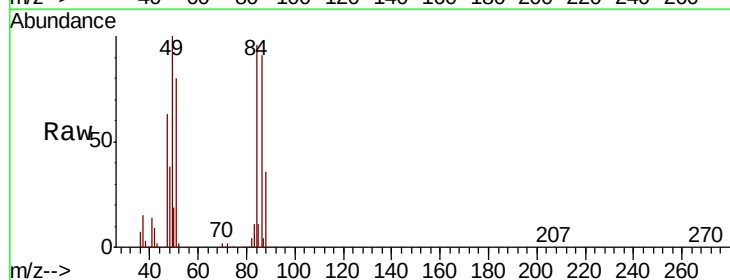
Tgt Ion: 41 Resp: 1490886

Ion Ratio Lower Upper

41 100

39 0.9 49.1 73.7#

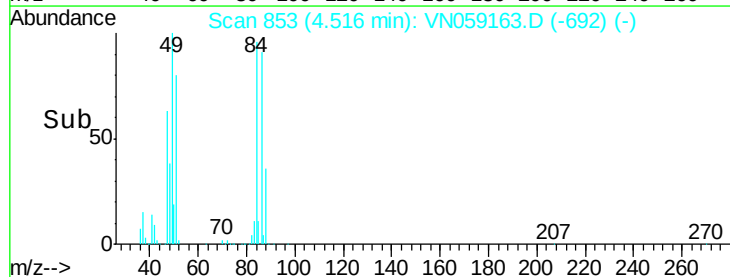
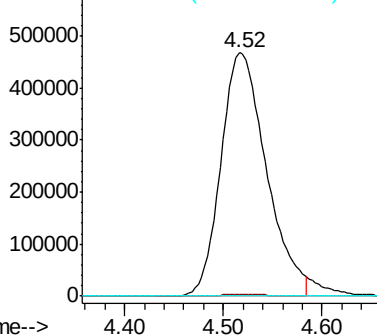
76 0.0 24.9 37.3#

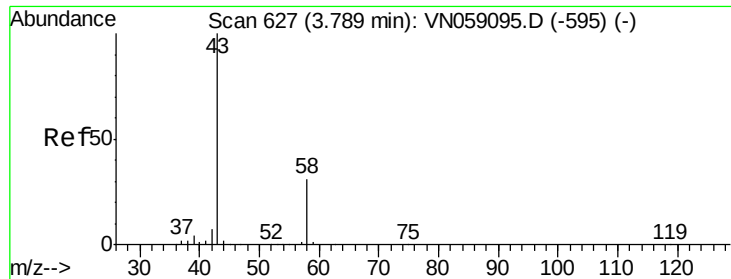


Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 39.00 (38.70 to 39.70): VN

Ion 75.90 (75.60 to 76.60): VN





#16

Acetone

Concen: 5.958 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN059163.D

Acq: 11 Nov 2019 16:00

Instrument :

MSVOA_N

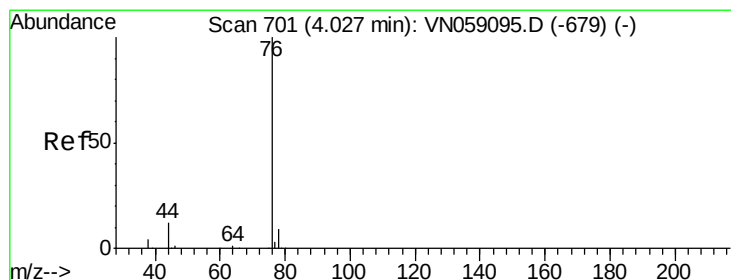
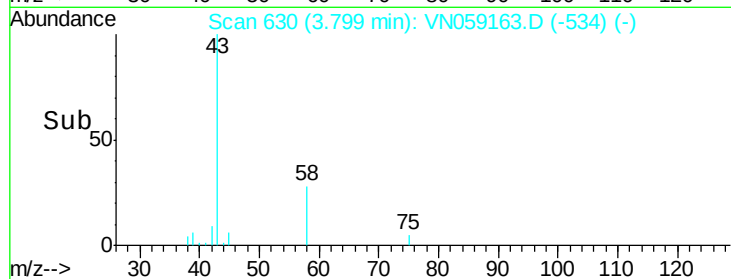
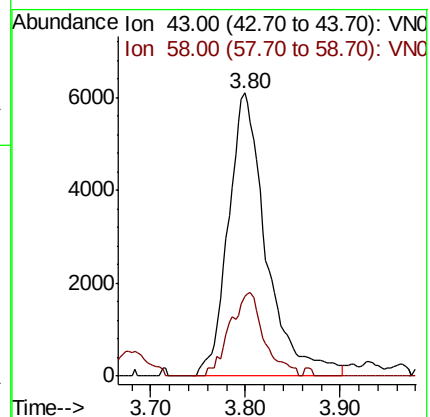
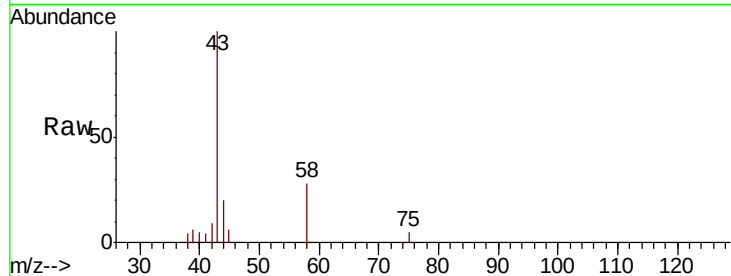
ClientSampled :

Tot Ion: 43 Resp: 17026

Ion Ratio Lower Upper

43 100

58 28.4 24.9 37.3



#17

Carbon Disulfide

Concen: 0.220 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN059163.D

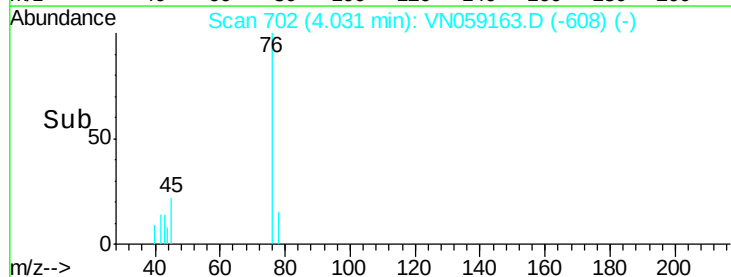
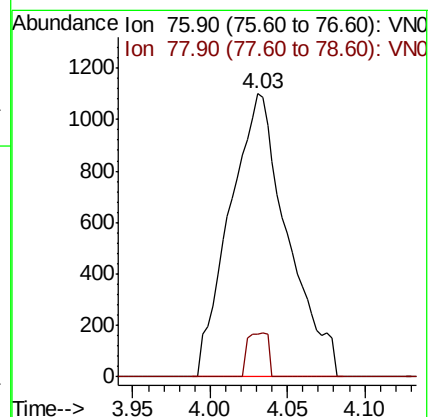
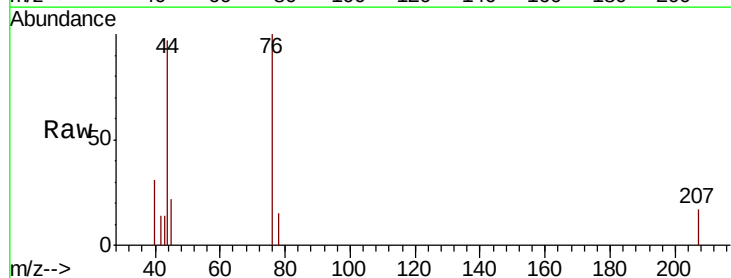
Acq: 11 Nov 2019 16:00

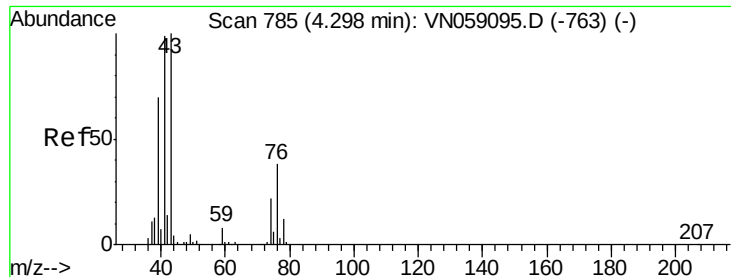
Tgt Ion: 76 Resp: 2851

Ion Ratio Lower Upper

76 100

78 15.3 7.4 11.0#

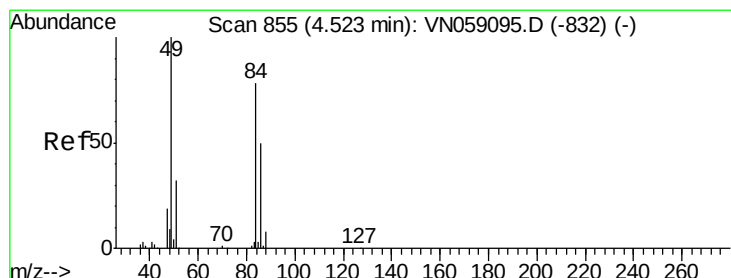
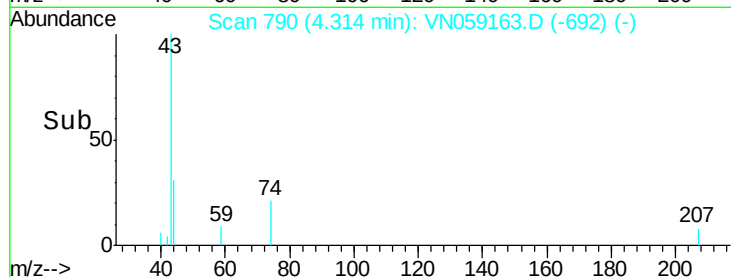
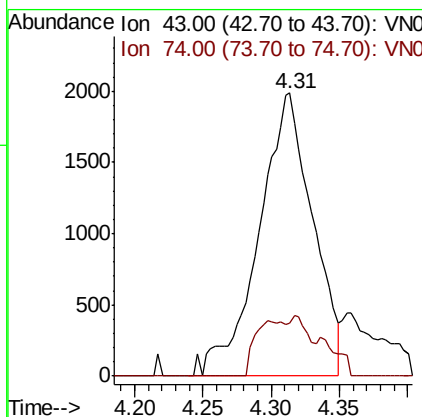
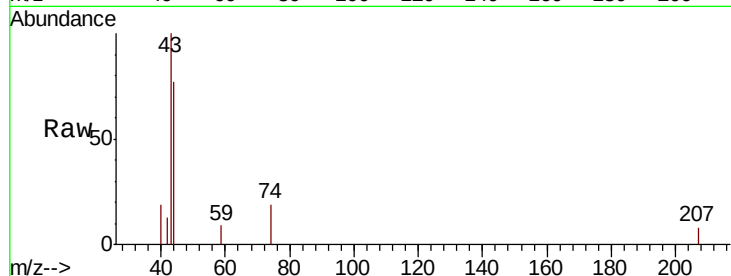




#18
Methyl Acetate
Concen: 0.802 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.02 min
Lab File: VN059163.D
Acq: 11 Nov 2019 16:00

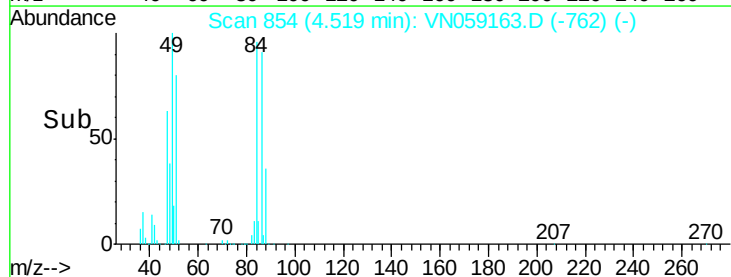
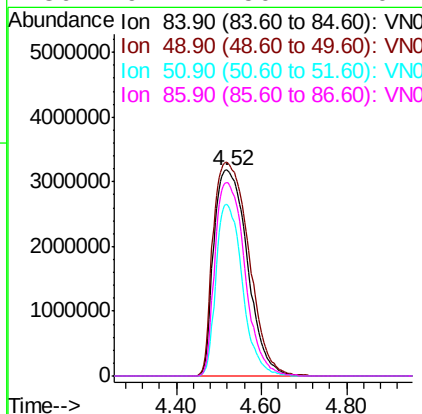
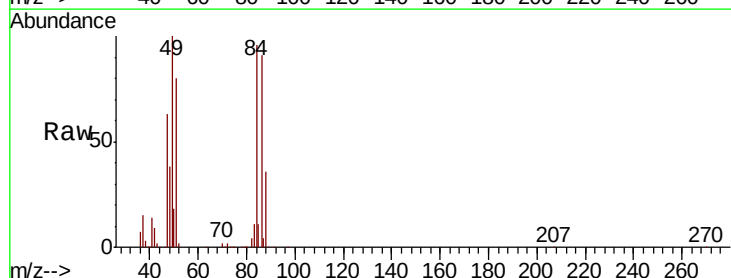
Instrument :
MSVOA_N
ClientSampleId :

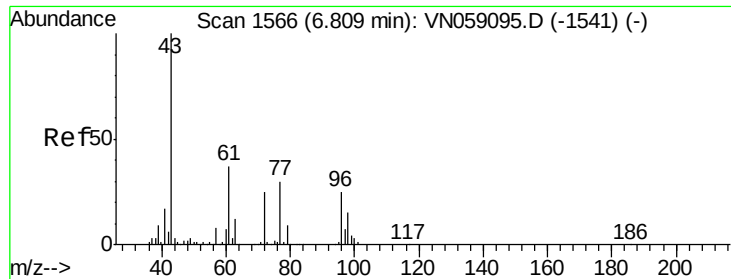
Tot Ion: 43 Resp: 5443
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 3489.153 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059163.D
Acq: 11 Nov 2019 16:00

Tgt Ion: 84 Resp: 17370489
Ion Ratio Lower Upper
84 100
49 103.7 102.0 153.0
51 83.2 32.2 48.2#
86 94.1 50.7 76.1#





#25

2-Butanone

Concen: 1.916 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.02 min

Lab File: VN059163.D

Acq: 11 Nov 2019 16:00

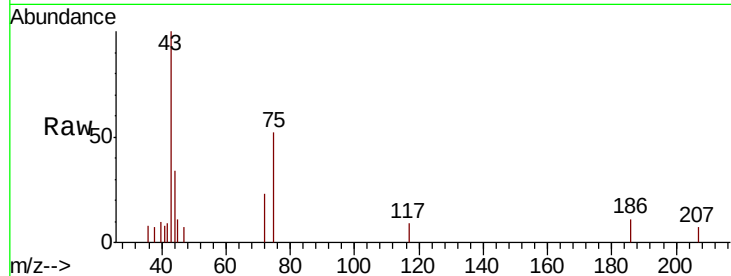
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 7216

Ion Ratio Lower Upper

43 100

72 23.3 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.83

2500

2000

1500

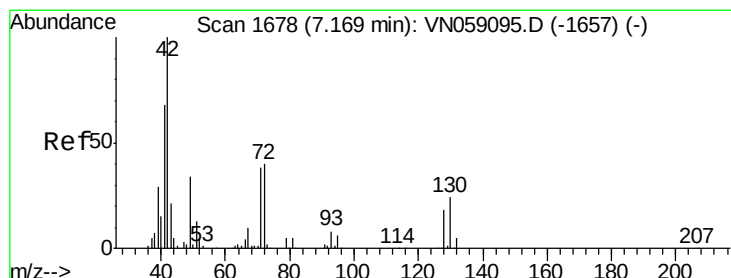
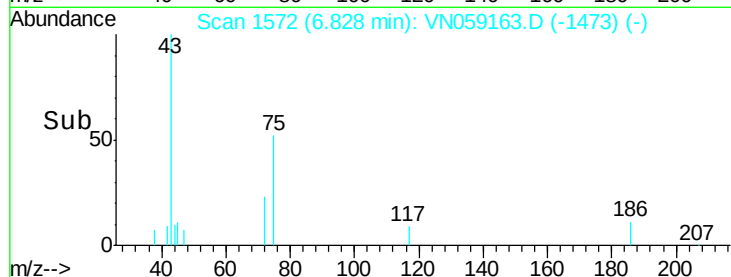
1000

500

0

6.75 6.80 6.85 6.90

Time-->



#28

Bromochloromethane

Concen: 0.300 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.01 min

Lab File: VN059163.D

Acq: 11 Nov 2019 16:00

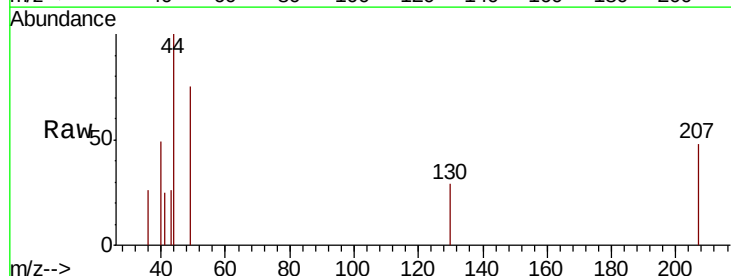
Tgt Ion: 49 Resp: 815

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 17.7 55.6 83.4#



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

600

500

400

300

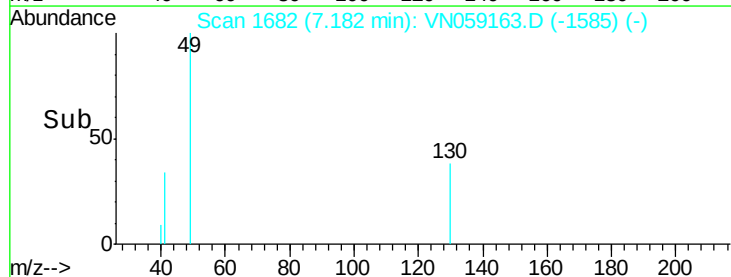
200

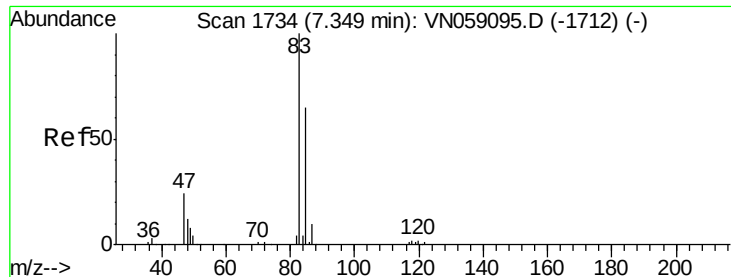
100

0

7.14 7.16 7.18 7.20

Time-->

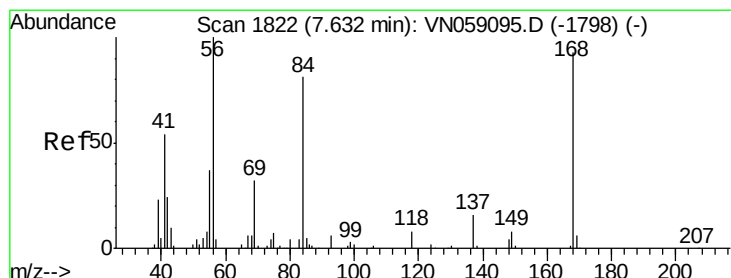
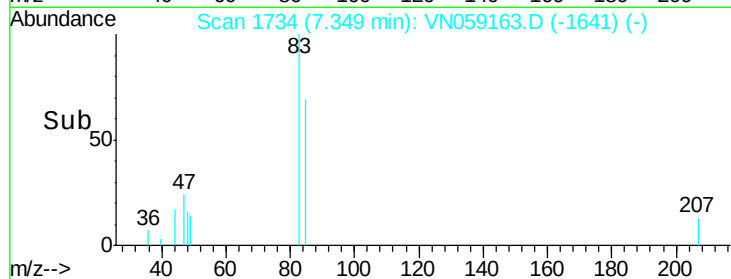
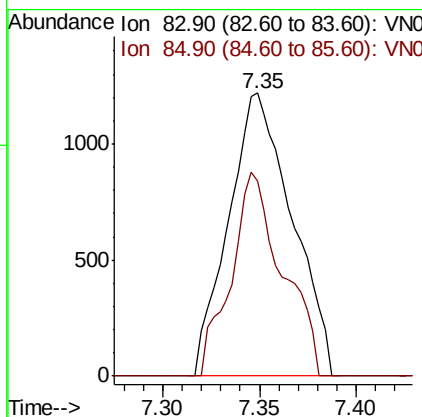
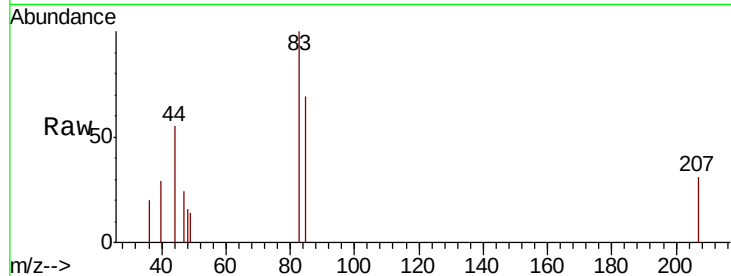




#30
Chloroform
Concen: 0.321 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059163.D
Acq: 11 Nov 2019 16:00

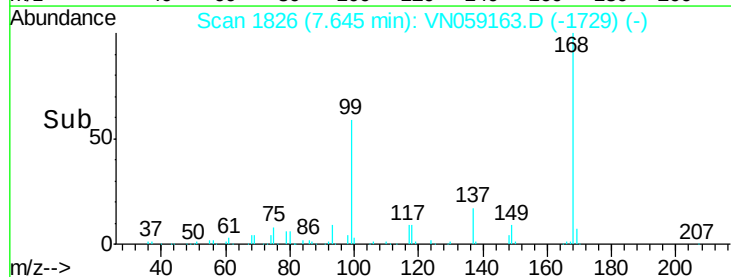
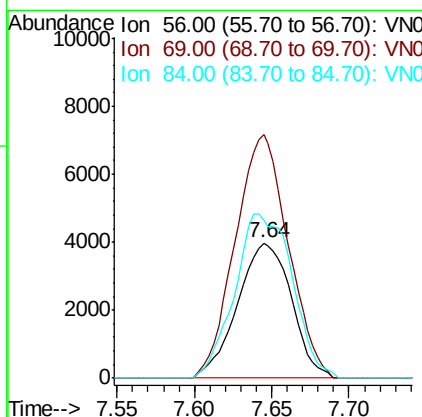
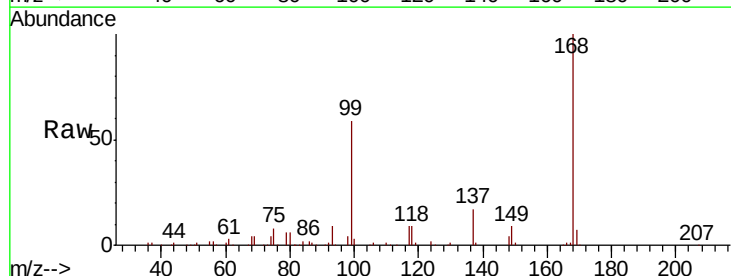
Instrument :
MSVOA_N
ClientSampled :

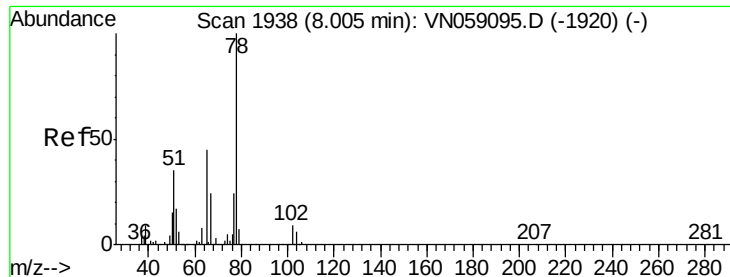
Tot Ion: 83 Resp: 2782
Ion Ratio Lower Upper
83 100
85 68.9 51.8 77.8



#31
Cyclohexane
Concen: 1.126 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN059163.D
Acq: 11 Nov 2019 16:00

Tgt Ion: 56 Resp: 9631
Ion Ratio Lower Upper
56 100
69 180.6 25.8 38.8#
84 117.1 65.0 97.4#

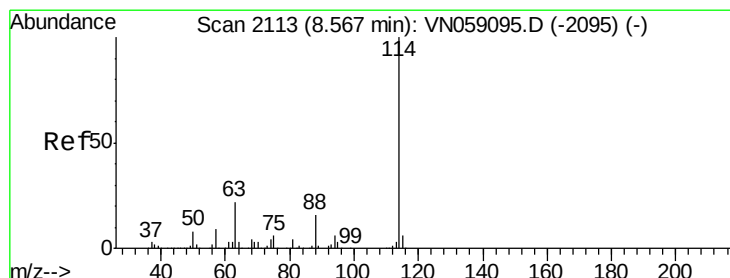
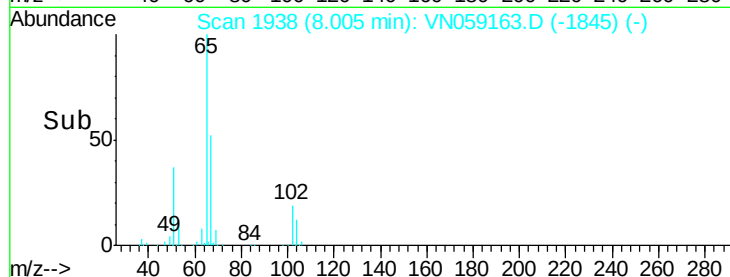
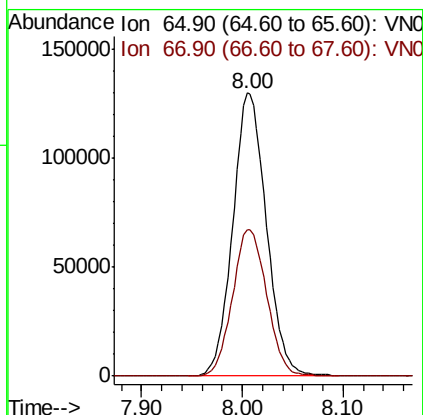
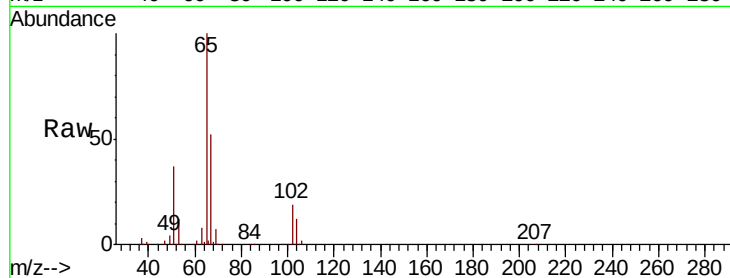




#33
 1,2-Dichloroethane-d4
 Concen: 54.652 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059163.D
 Acq: 11 Nov 2019 16:00

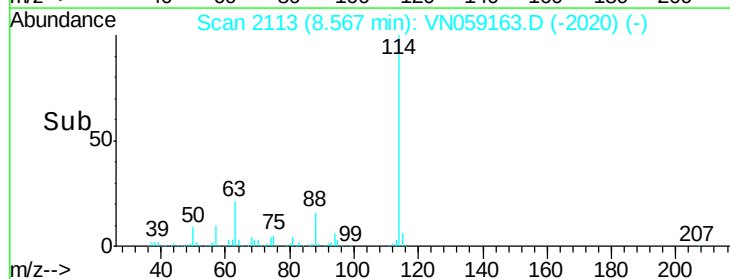
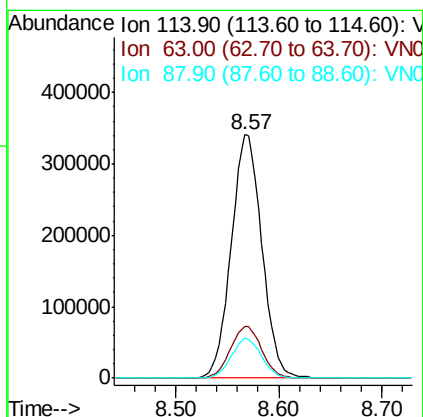
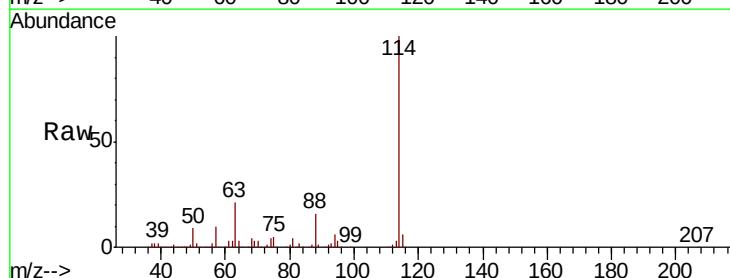
Instrument :
 MSVOA_N
 ClientSampled :

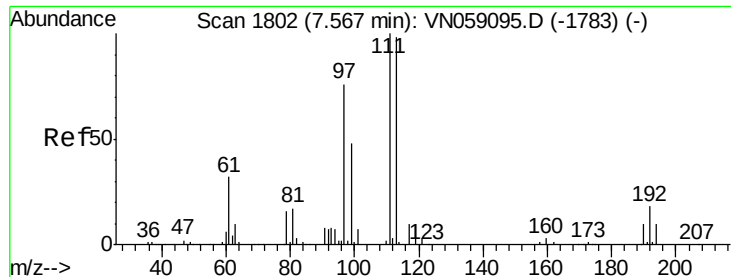
Tot Ion: 65 Resp: 300324
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059163.D
 Acq: 11 Nov 2019 16:00

Tgt Ion: 114 Resp: 706500
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.4
 88 16.2 0.0 32.2

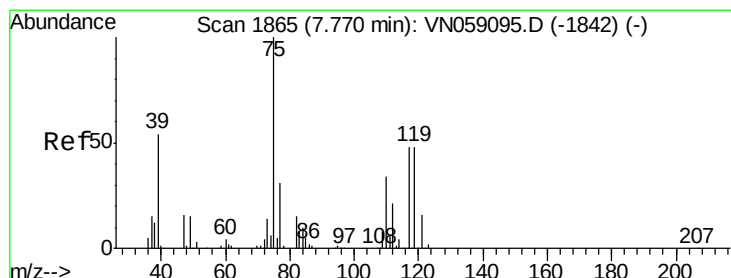
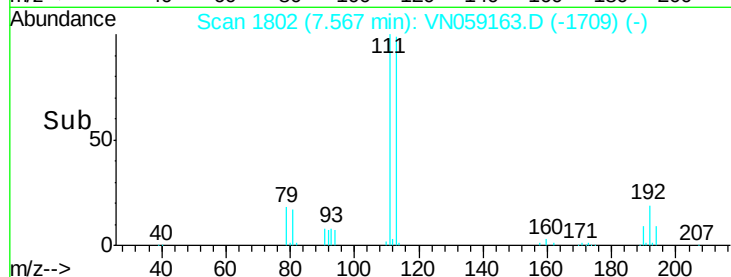
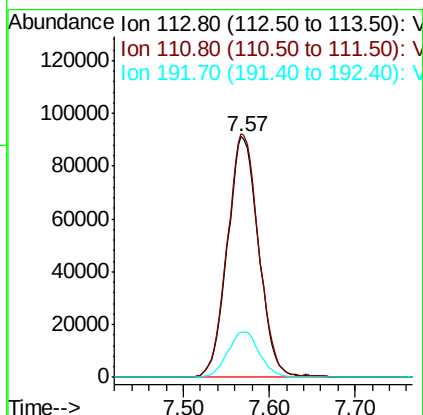
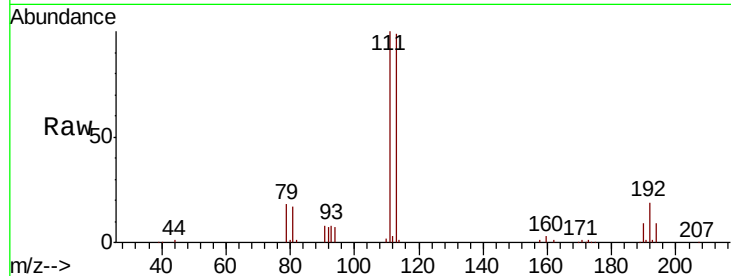




#35
Dibromofluoromethane
Concen: 54.450 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN059163.D
Acq: 11 Nov 2019 16:00

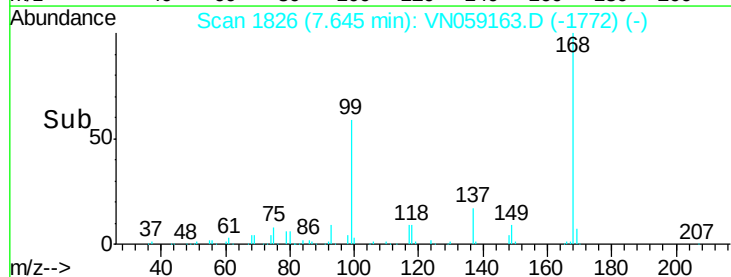
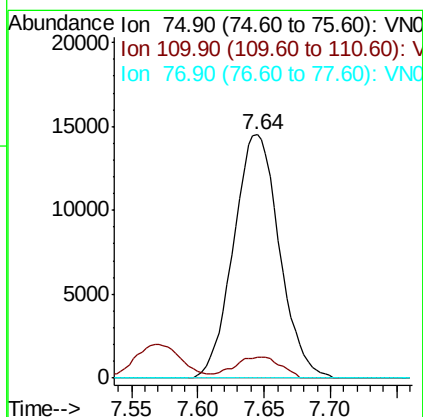
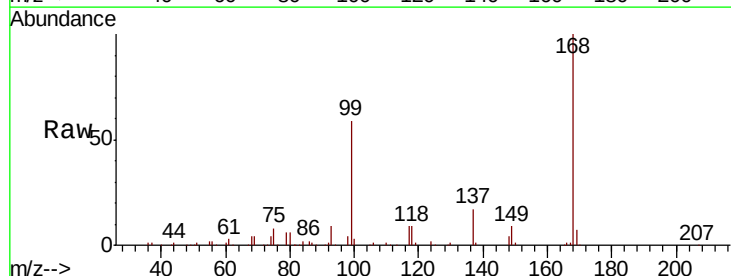
Instrument :
MSVOA_N
ClientSampleId :

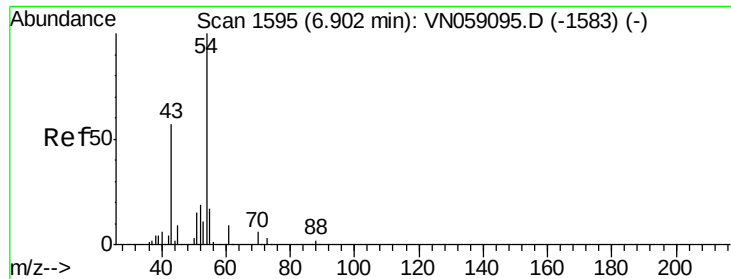
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.8	124.2
192	19.3	16.1	24.1



#36
1,1-Dichloropropene
Concen: 5.278 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.13 min
Lab File: VN059163.D
Acq: 11 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.1	51.2#
77	0.0	24.8	37.2#

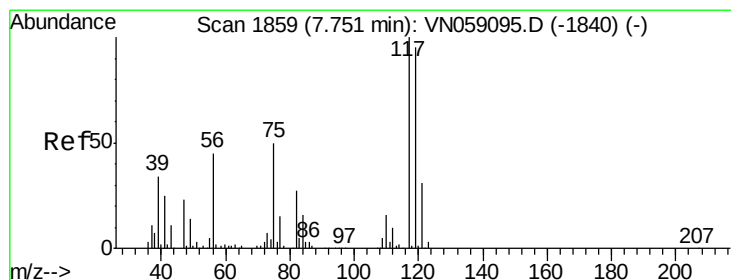
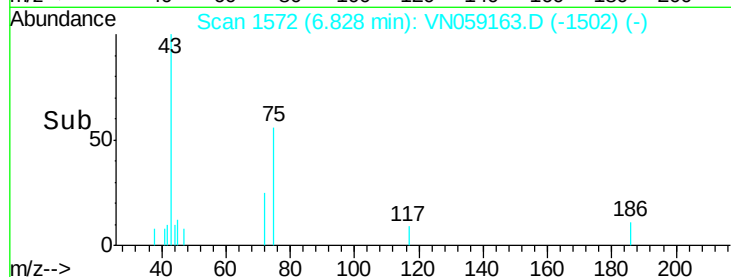
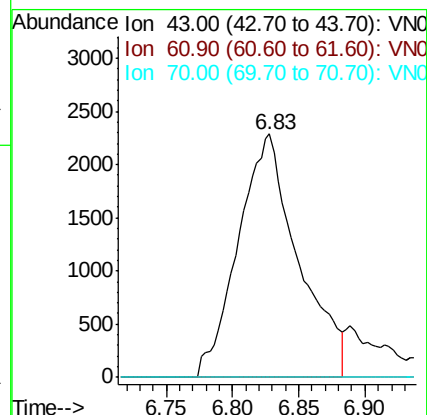
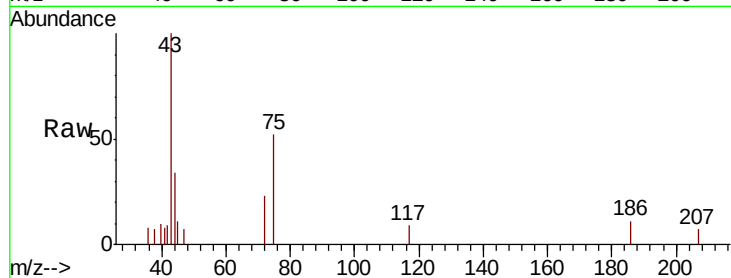




#37
Ethyl Acetate
Concen: 0.982 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. -0.07 min
Lab File: VN059163.D
Acq: 11 Nov 2019 16:00

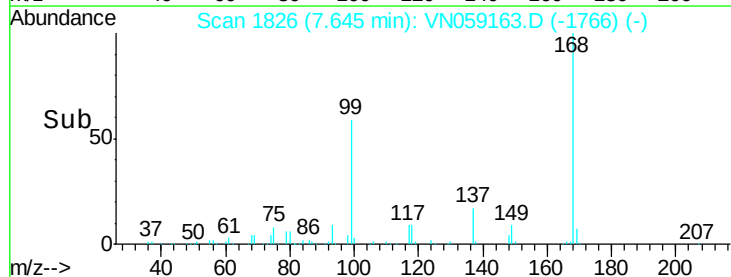
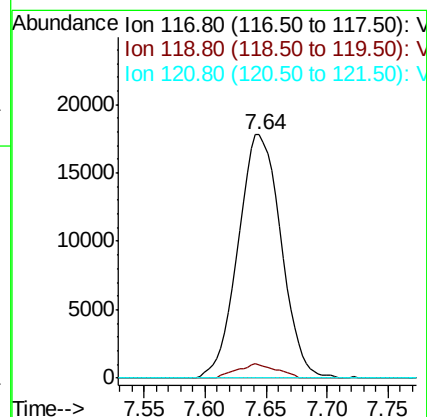
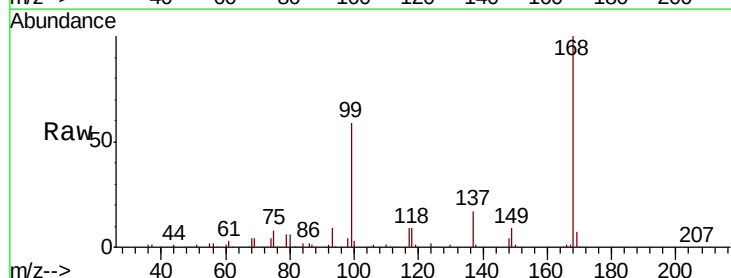
Instrument :
MSVOA_N
ClientSampleId :

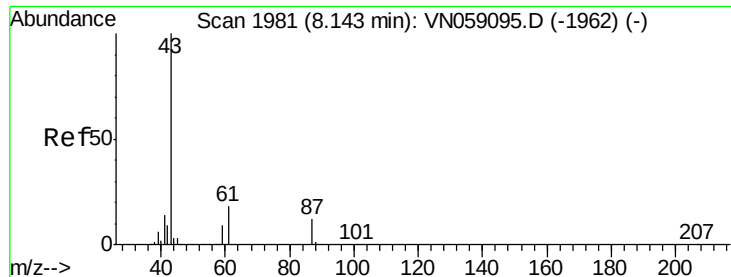
Tot Ion: 43 Resp: 7216
Ion Ratio Lower Upper
43 100
61 0.0 11.2 16.8#
70 0.0 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 6.603 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.11 min
Lab File: VN059163.D
Acq: 11 Nov 2019 16:00

Tgt Ion: 117 Resp: 43400
Ion Ratio Lower Upper
117 100
119 5.5 75.6 113.4#
121 0.0 24.6 36.8#





#43

Isopropyl Acetate

Concen: 9.791 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059163.D

Acq: 11 Nov 2019 16:00

Instrument :

MSVOA_N

ClientSampleId :

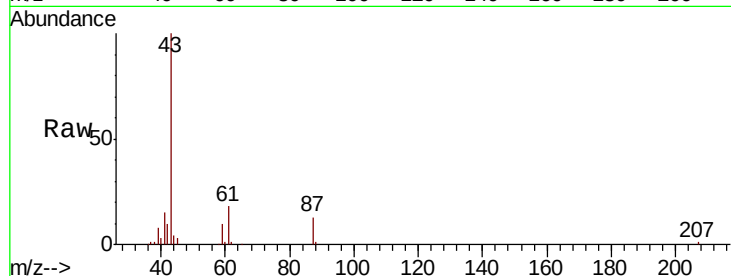
Tot Ion: 43 Resp: 114676

Ion Ratio Lower Upper

43 100

61 18.9 21.0 31.6#

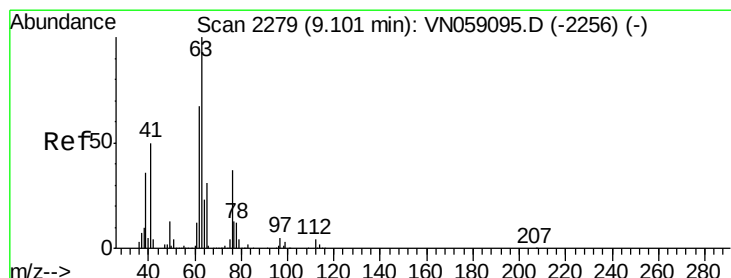
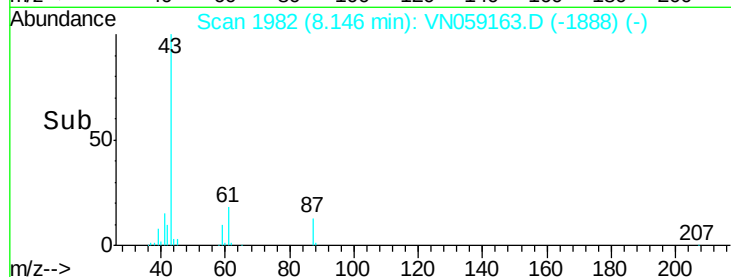
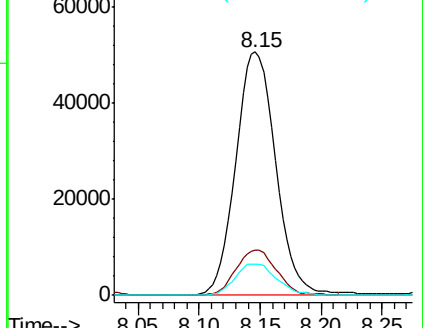
87 13.4 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN059163.D (-1888) (-)

Ion 61.00 (60.70 to 61.70): VN059163.D (-1888) (-)

Ion 87.00 (86.70 to 87.70): VN059163.D (-1888) (-)



#45

1,2-Dichloropropane

Concen: 0.441 ug/l

RT: 9.26 min Scan# 2327

Delta R.T. 0.15 min

Lab File: VN059163.D

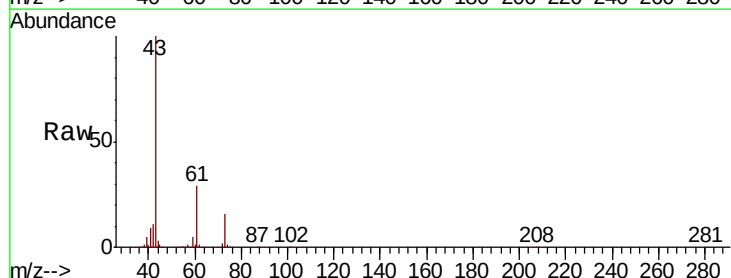
Acq: 11 Nov 2019 16:00

Tgt Ion: 63 Resp: 2380

Ion Ratio Lower Upper

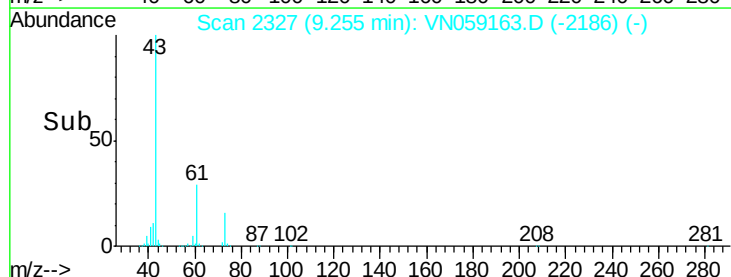
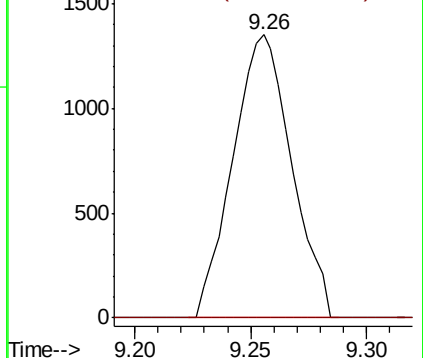
63 100

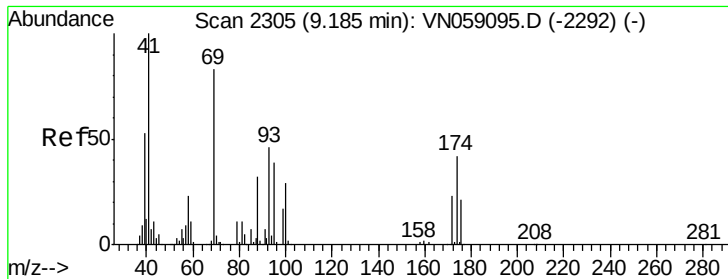
65 0.0 24.6 37.0#



Abundance Ion 62.90 (62.60 to 63.60): VN059163.D (-2186) (-)

Ion 64.90 (64.60 to 65.60): VN059163.D (-2186) (-)

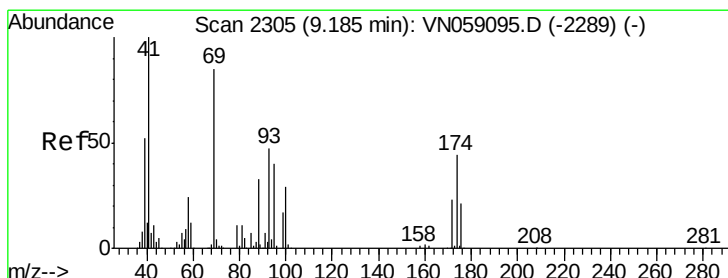
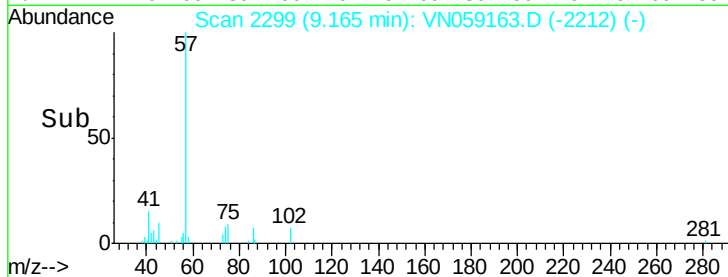
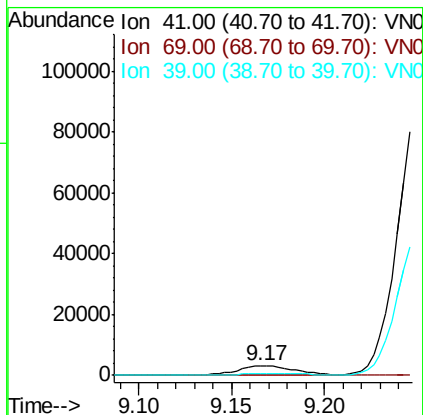
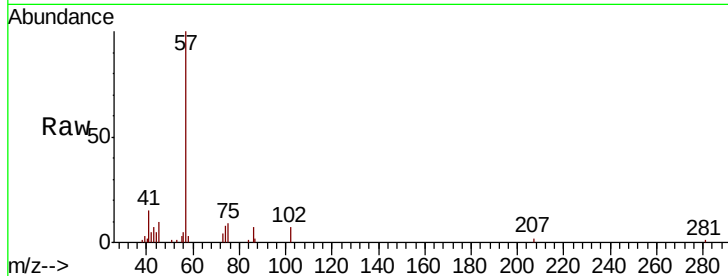




#48
Methvl methacrylate
Concen: 1.311 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.02 min
Lab File: VN059163.D
Acq: 11 Nov 2019 16:00

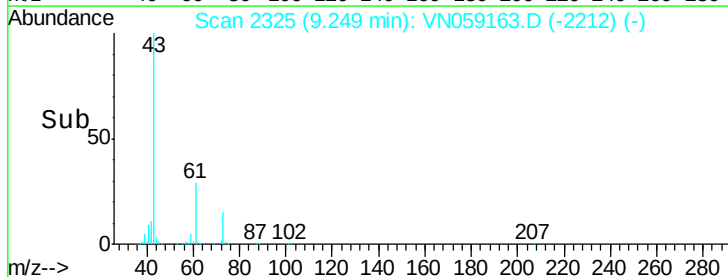
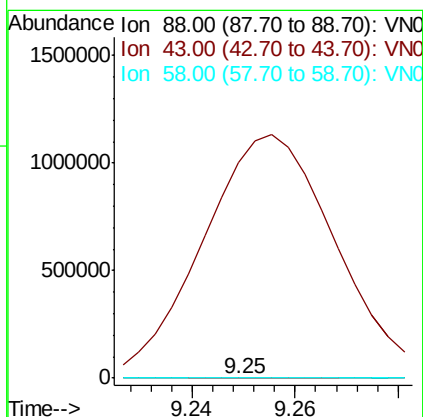
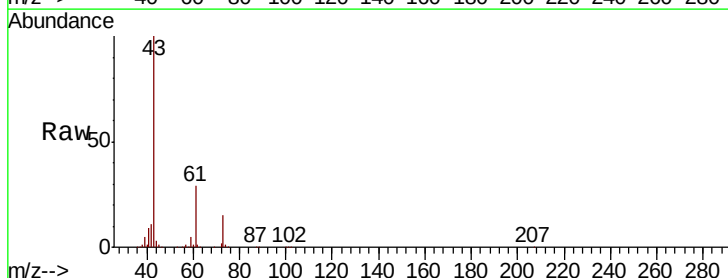
Instrument :
MSVOA_N
ClientSampled :

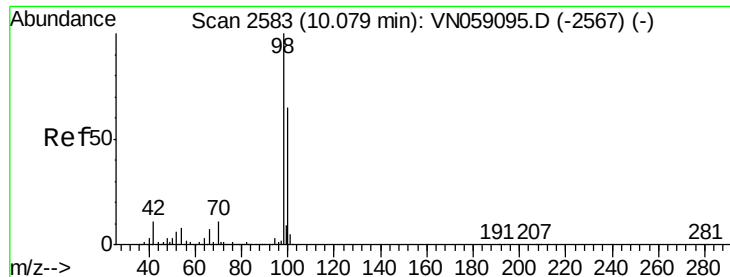
Tot Ion: 41 Resp: 6868
Ion Ratio Lower Upper
41 100
69 0.0 67.3 100.9#
39 0.0 43.3 64.9#



#49
1,4-Dioxane
Concen: 2.191 ug/l
RT: 9.25 min Scan# 2325
Delta R.T. 0.06 min
Lab File: VN059163.D
Acq: 11 Nov 2019 16:00

Tgt Ion: 88 Resp: 204
Ion Ratio Lower Upper
88 100
43 1014596.6 26.3 39.5#
58 4347.1 60.6 90.8#

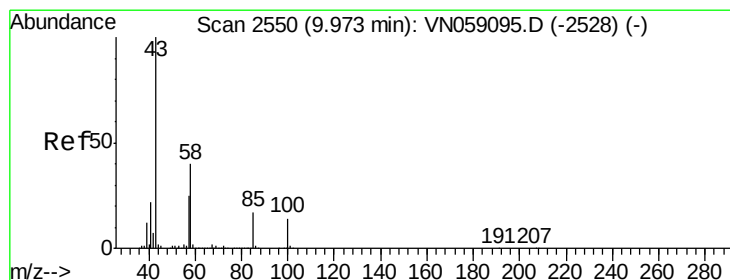
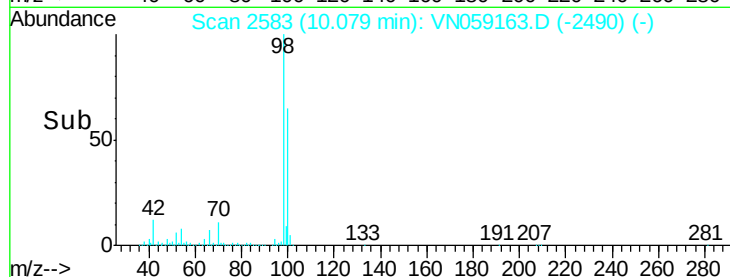
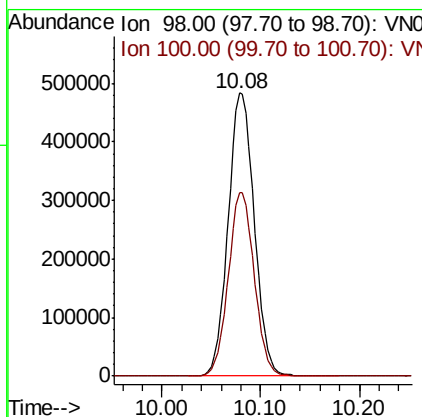
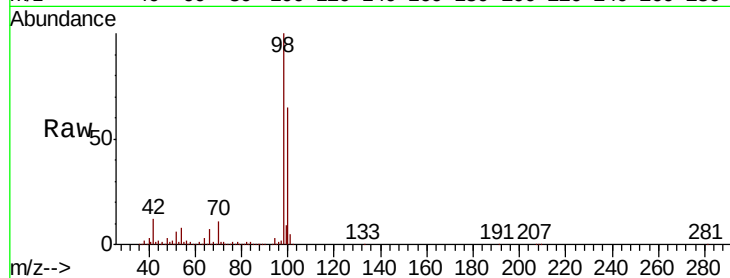




#50
Toluene-d8
Concen: 54.078 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059163.D
Acq: 11 Nov 2019 16:00

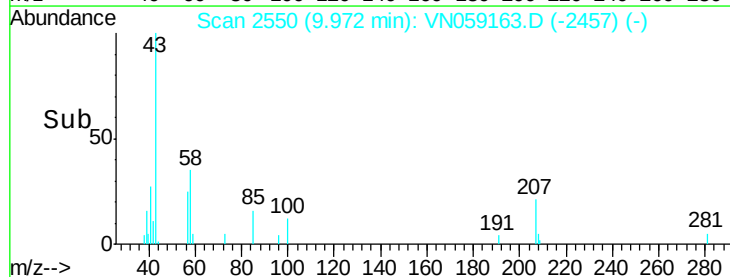
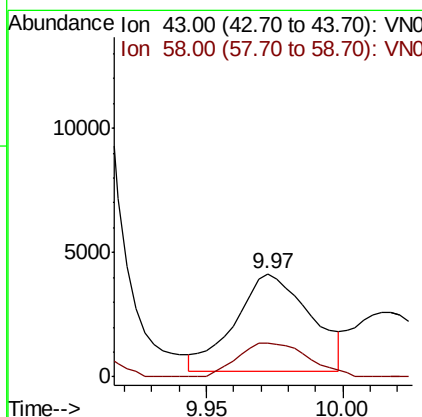
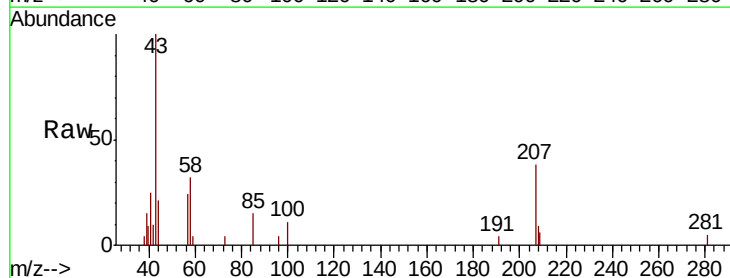
Instrument :
MSVOA_N
ClientSampled :

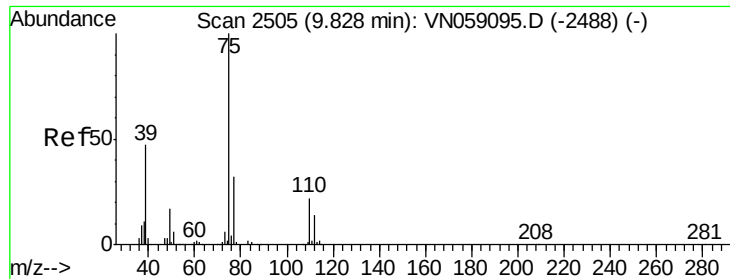
Tot Ion: 98 Resp: 898568
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 1.127 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VN059163.D
Acq: 11 Nov 2019 16:00

Tgt Ion: 43 Resp: 7471
Ion Ratio Lower Upper
43 100
58 32.8 31.5 47.3





#54

cis-1,3-Dichloropropene

Concen: 5.539 ug/l

RT: 9.89 min Scan# 2525

Delta R.T. 0.06 min

Lab File: VN059163.D

Acq: 11 Nov 2019 16:00

Instrument :

MSVOA_N

ClientSampleId :

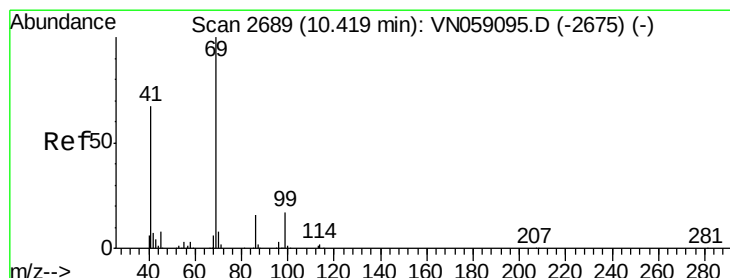
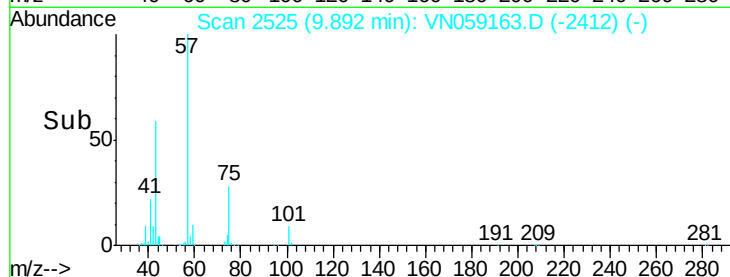
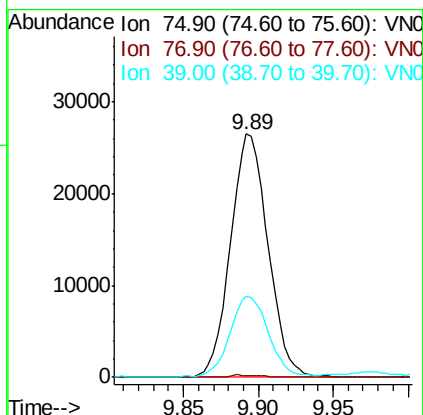
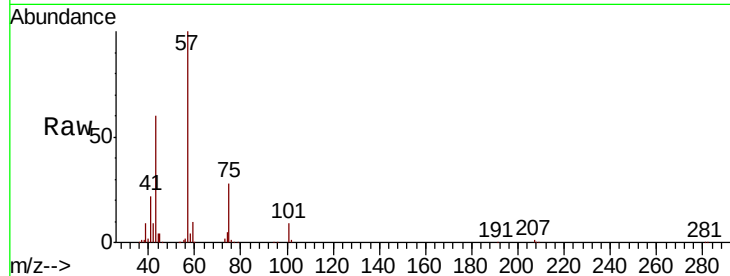
Tot Ion: 75 Resp: 46266

Ion Ratio Lower Upper

75 100

77 0.9 25.5 38.3#

39 33.0 37.3 55.9#



#56

Ethyl methacrylate

Concen: 2.085 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. 0.11 min

Lab File: VN059163.D

Acq: 11 Nov 2019 16:00

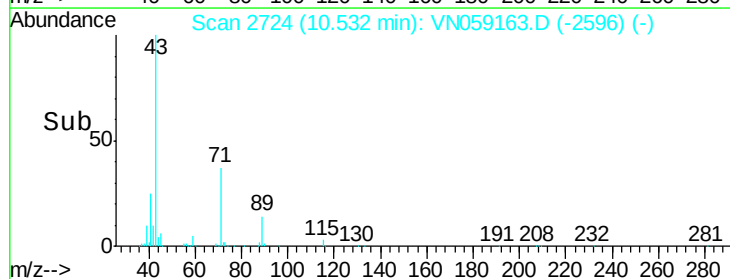
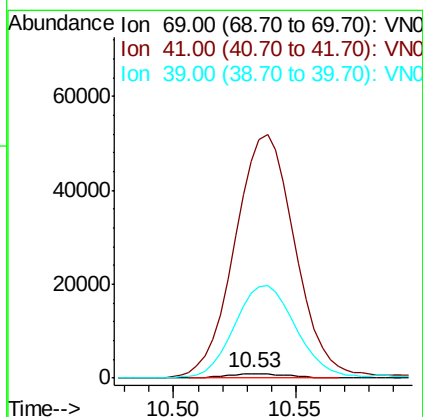
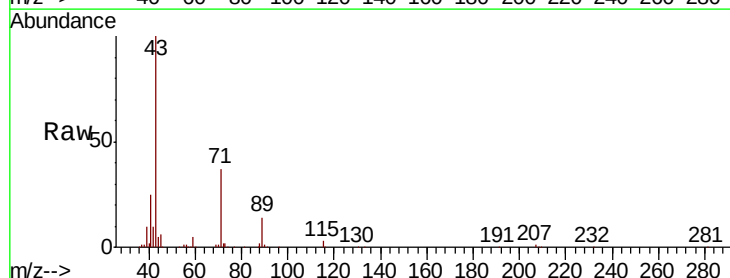
Tgt Ion: 69 Resp: 1773

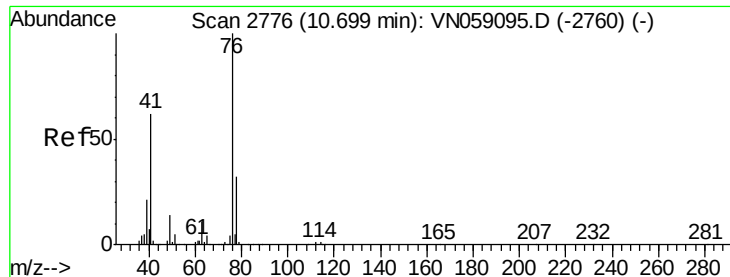
Ion Ratio Lower Upper

69 100

41 5056.8 53.6 80.4#

39 1961.9 26.2 39.4#





#57

1,3-Dichloropropane

Concen: 0.995 ug/l

RT: 10.76 min Scan# 2794

Delta R.T. 0.06 min

Lab File: VN059163.D

Acq: 11 Nov 2019 16:00

Instrument :

MSVOA_N

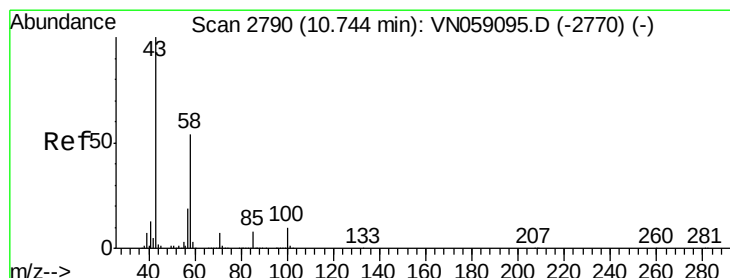
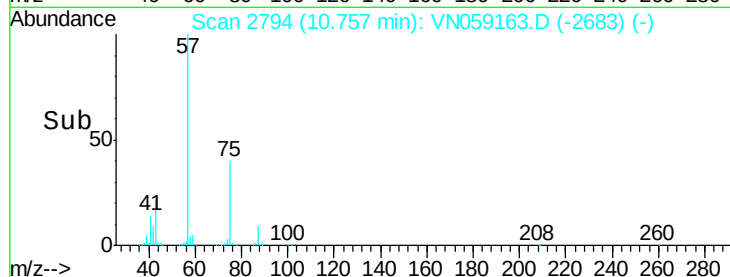
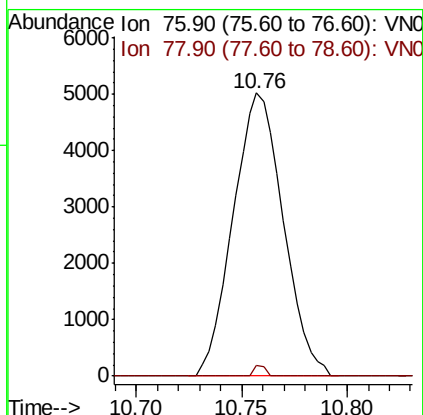
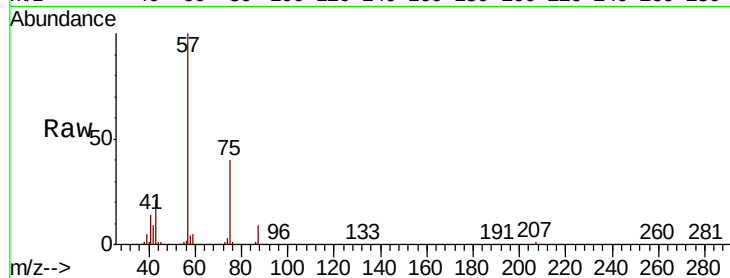
ClientSampleId :

Tot Ion: 76 Resp: 8263

Ion Ratio Lower Upper

76 100

78 0.8 25.8 38.8#



#59

2-Hexanone

Concen: 24.293 ug/l

RT: 10.76 min Scan# 2794

Delta R.T. 0.01 min

Lab File: VN059163.D

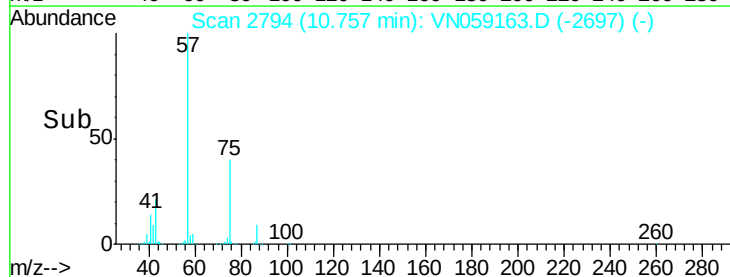
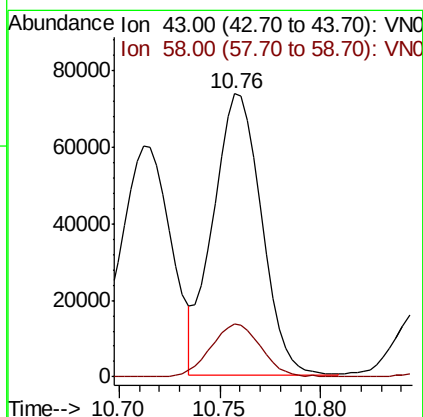
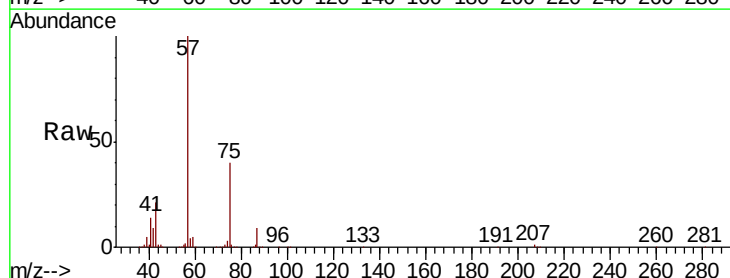
Acq: 11 Nov 2019 16:00

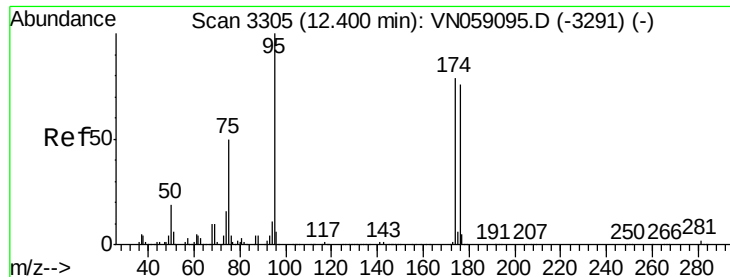
Tgt Ion: 43 Resp: 123569

Ion Ratio Lower Upper

43 100

58 19.3 27.3 81.8#

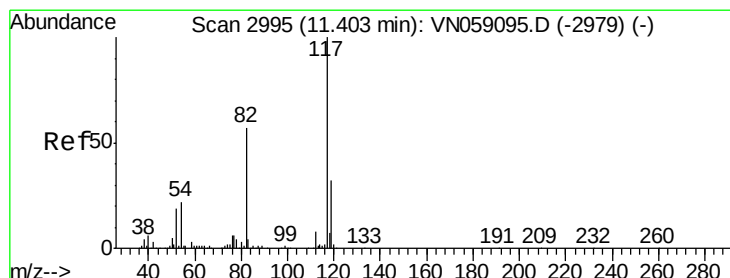
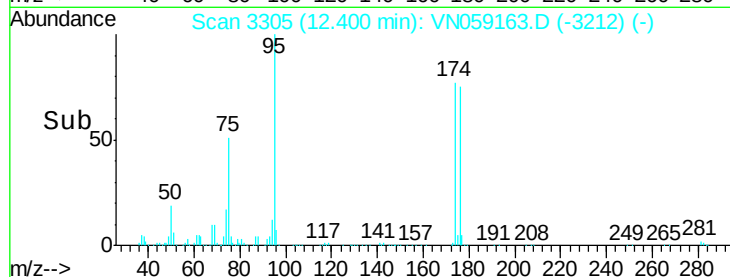
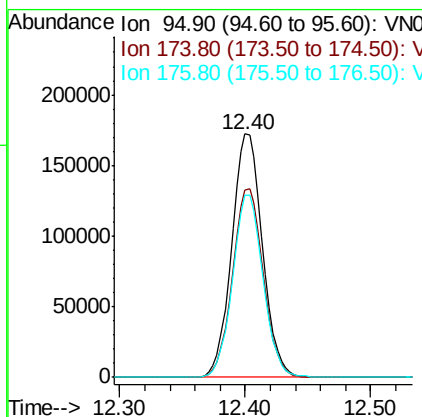
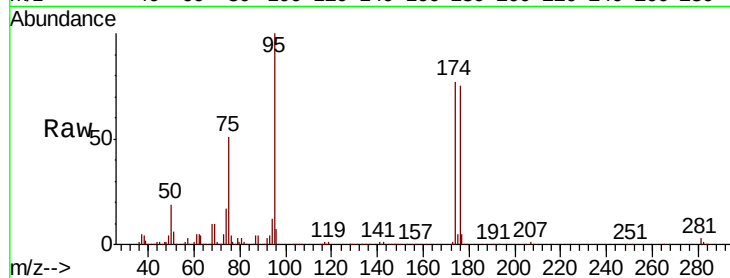




#62
4-Bromofluorobenzene
Concen: 48.748 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN059163.D
Acq: 11 Nov 2019 16:00

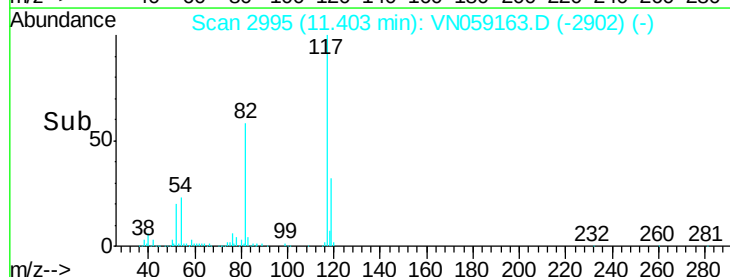
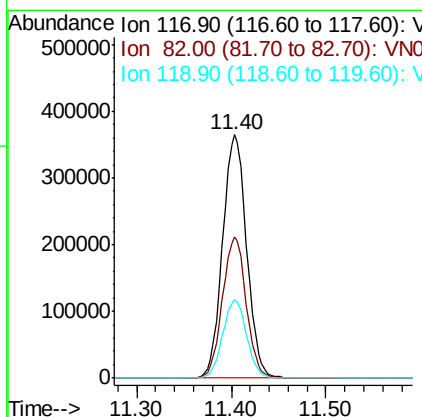
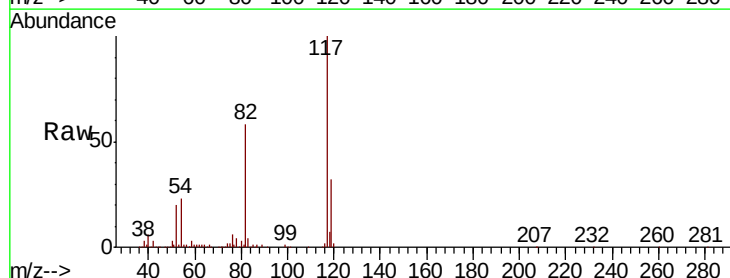
Instrument :
MSVOA_N
ClientSampled :

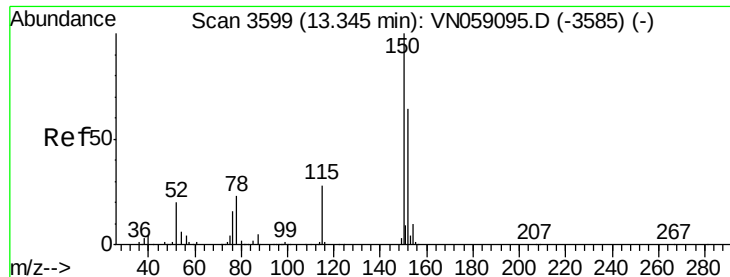
Tot Ion	Ratio	Lower	Upper
95	100		
174	77.7	0.0	158.2
176	74.4	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059163.D
Acq: 11 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.1	45.8	68.8
119	32.1	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059163.D

Acq: 11 Nov 2019 16:00

Instrument :

MSVOA_N

ClientSampleId :

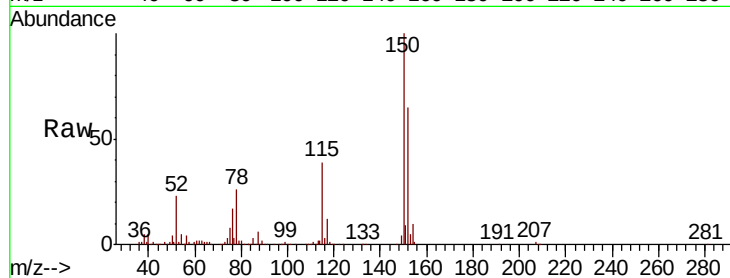
Tot Ion:152 Resp: 240455

Ion Ratio Lower Upper

152 100

115 59.7 29.4 88.2

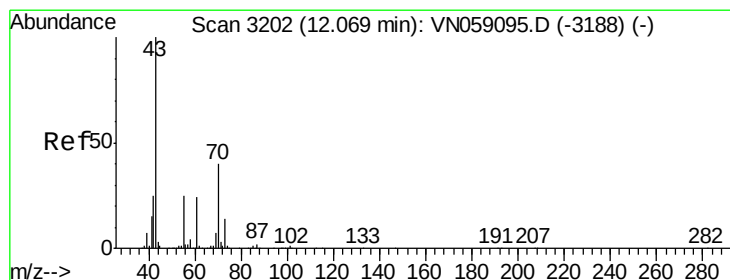
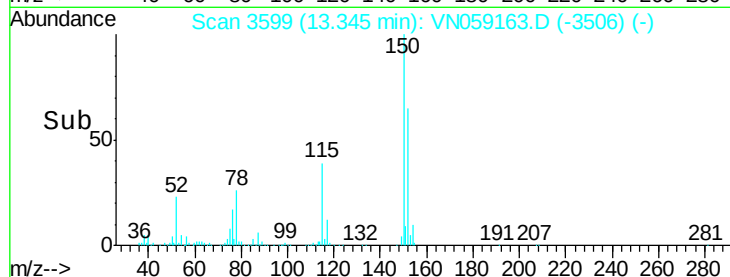
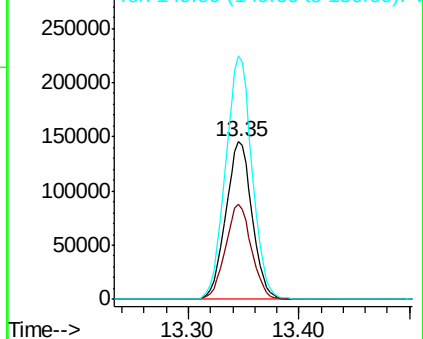
150 155.0 0.0 345.8



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: 0.700 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN059163.D

Acq: 11 Nov 2019 16:00

Tgt Ion: 43 Resp: 5189

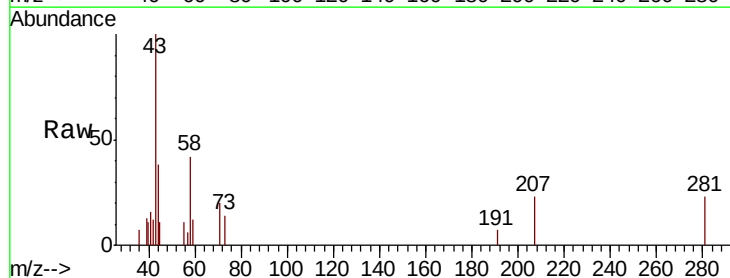
Ion Ratio Lower Upper

43 100

70 0.0 32.2 48.4#

55 5.5 20.4 30.6#

61 0.0 19.3 28.9#

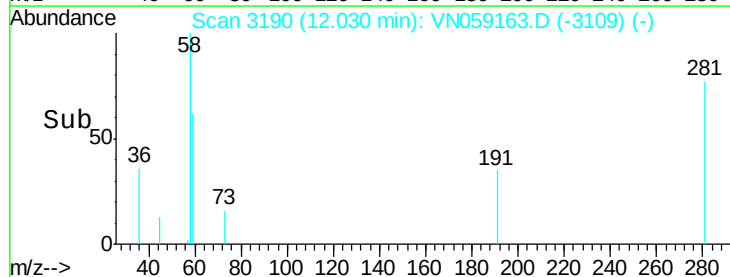
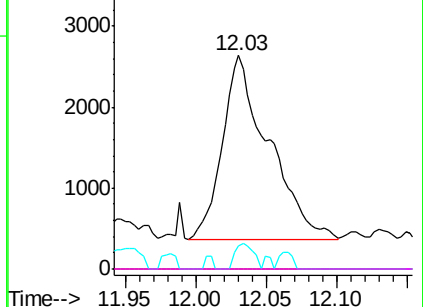


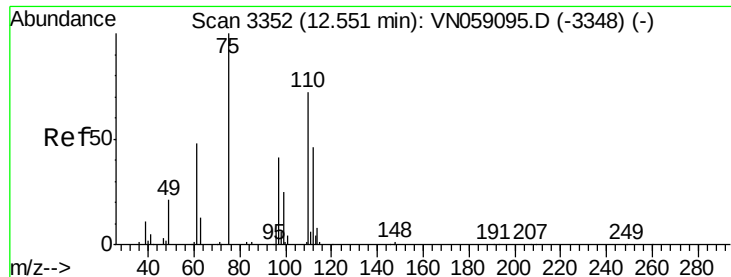
Abundance Ion 43.00 (42.70 to 43.70): VNO

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: 27.346 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN059163.D

Acq: 11 Nov 2019 16:00

Instrument :

MSVOA_N

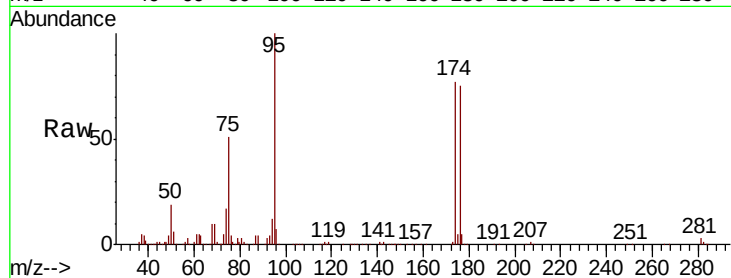
ClientSampled :

Tot Ion: 75 Resp: 149700

Ion Ratio Lower Upper

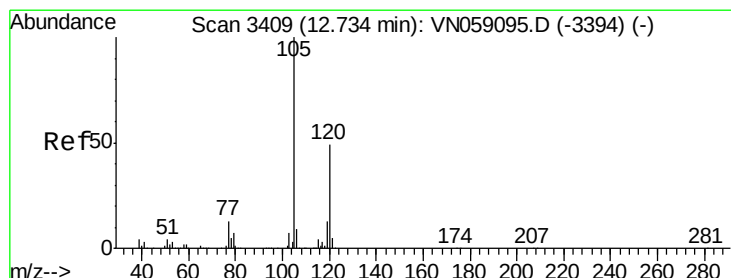
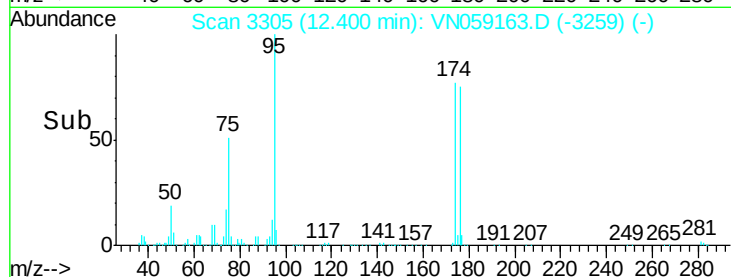
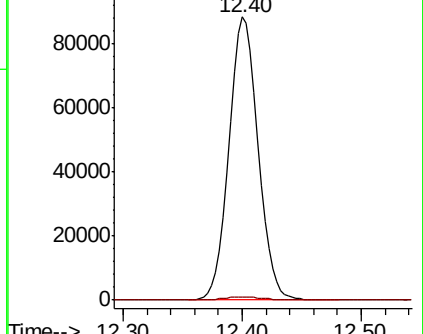
75 100

77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN059163.D (-3259) (-)

Ion 77.00 (76.70 to 77.70): VN059163.D (-3259) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.291 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059163.D

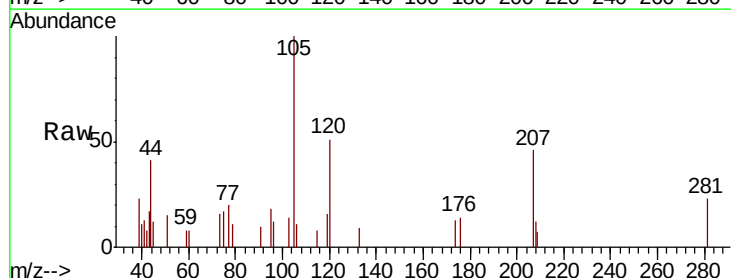
Acq: 11 Nov 2019 16:00

Tgt Ion: 105 Resp: 4307

Ion Ratio Lower Upper

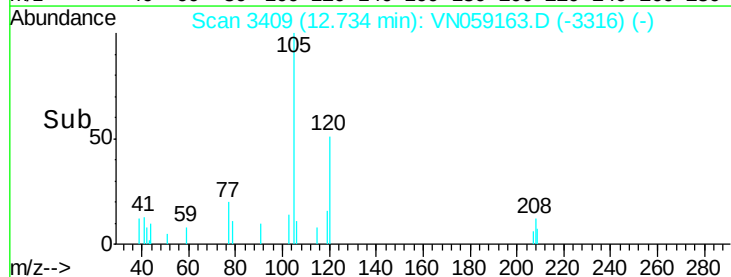
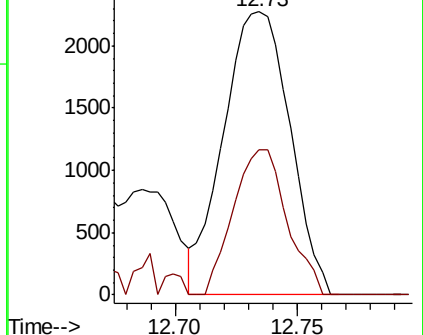
105 100

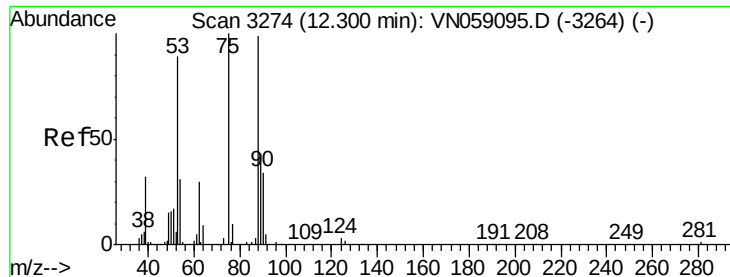
120 41.4 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): VN059163.D (-3316) (-)

Ion 120.00 (119.70 to 120.70): VN059163.D (-3316) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 72.228 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN059163.D

Acq: 11 Nov 2019 16:00

Instrument :

MSVOA_N

ClientSampled :

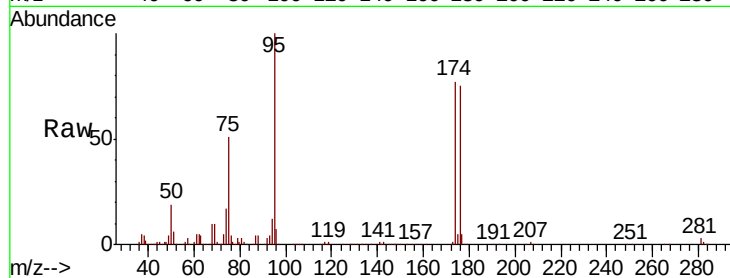
Tot Ion: 75 Resp: 149700

Ion Ratio Lower Upper

75 100

53 0.0 72.2 108.2#

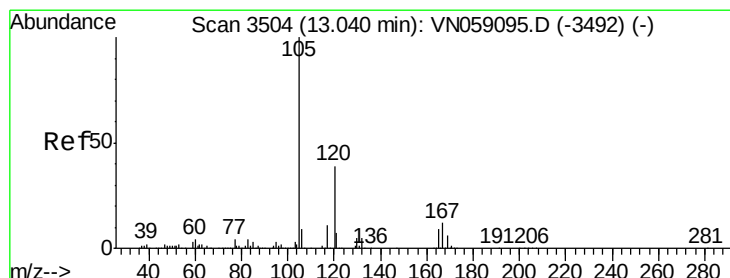
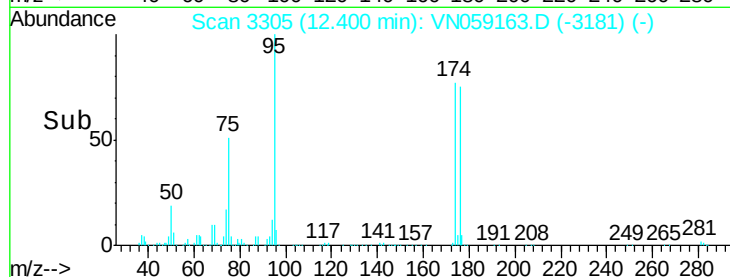
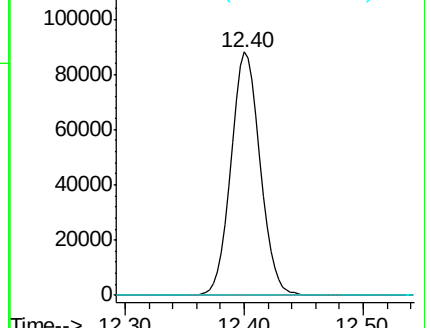
89 0.0 35.8 53.8#



Abundance Ion 74.90 (74.60 to 75.60): VN059163.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN059163.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN059163.D (-3181) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.403 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN059163.D

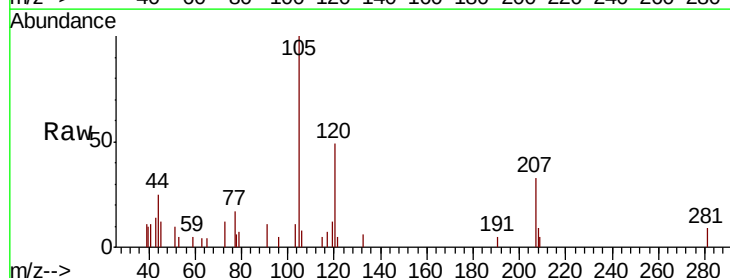
Acq: 11 Nov 2019 16:00

Tgt Ion: 105 Resp: 5774

Ion Ratio Lower Upper

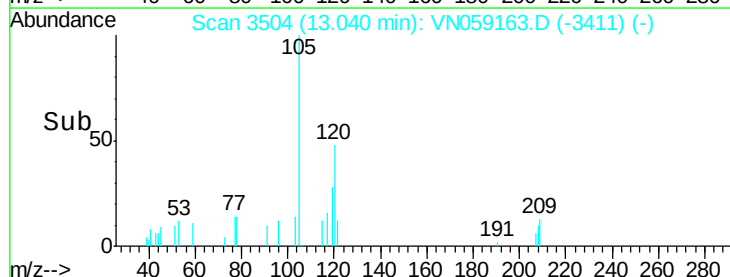
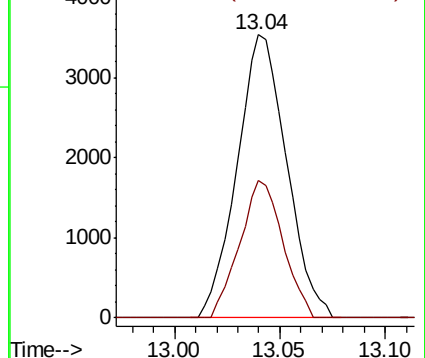
105 100

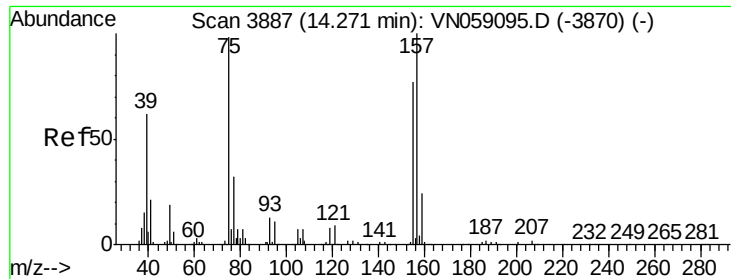
120 42.3 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): VN059163.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN059163.D (-3411) (-)





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.300 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN059163.D

Acq: 11 Nov 2019 16:00

Instrument :

MSVOA_N

ClientSampled :

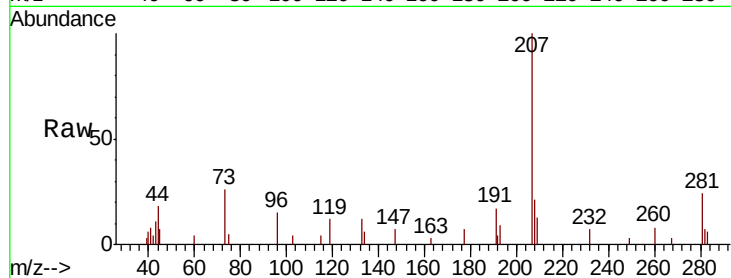
Tot Ion: 75 Resp: 325

Ion Ratio Lower Upper

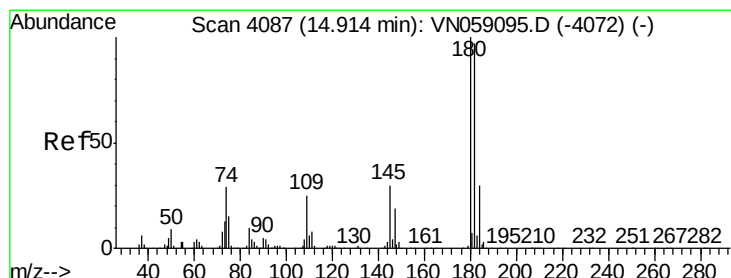
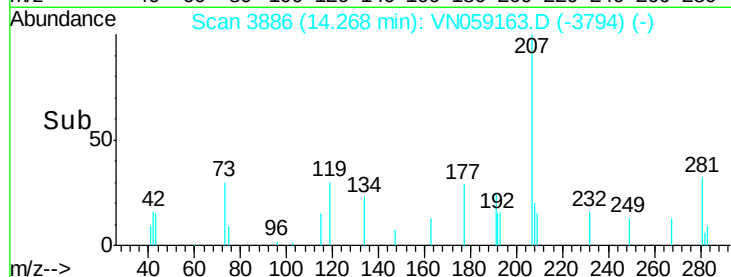
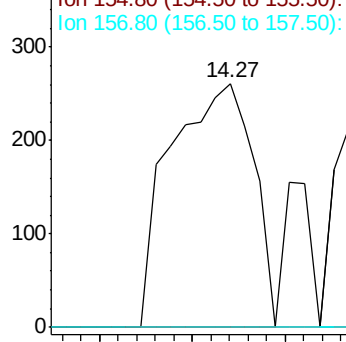
75 100

155 0.0 40.2 120.6#

157 0.0 51.8 155.5#



Abundance Ion 74.90 (74.60 to 75.60): VN059163.D (-3794) (-)



#93

1,2,4-Trichlorobenzene

Concen: 3.107 ug/l

RT: 14.92 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN059163.D

Acq: 11 Nov 2019 16:00

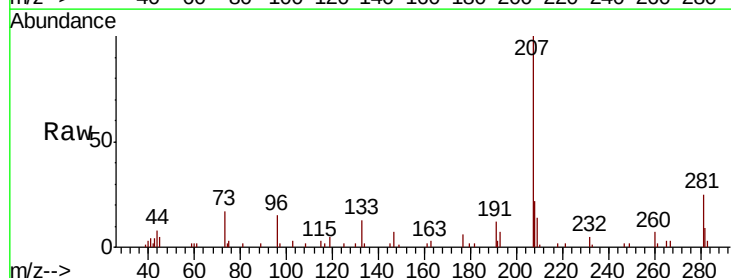
Tgt Ion: 180 Resp: 289

Ion Ratio Lower Upper

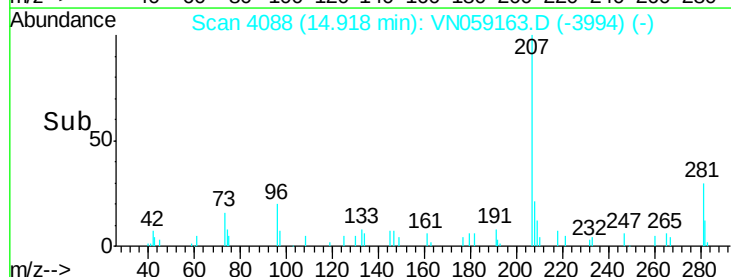
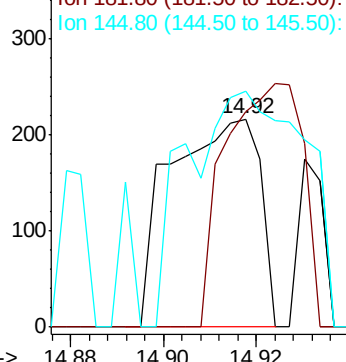
180 100

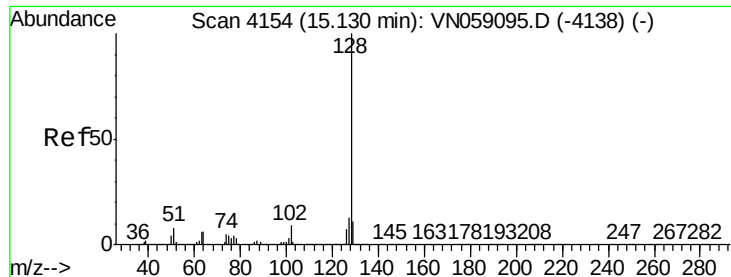
182 0.0 48.1 144.3#

145 149.8 15.1 45.3#



Abundance Ion 179.80 (179.50 to 180.50): VN059163.D (-3994) (-)

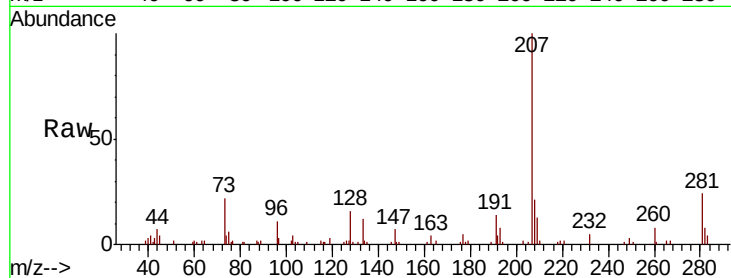




#95
 Naphthalene
 Concen: 3.380 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN059163.D
 Acq: 11 Nov 2019 16:00

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:128 Resp: 4444
 Ion Ratio Lower Upper
 128 100
 127 6.0 10.2 15.2#
 129 11.3 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

