

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111119\
 Data File : VN059166.D
 Acq On : 11 Nov 2019 17:07
 Operator : JC/SP
 Sample : K5676-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-110819

Quant Time: Nov 12 00:44:32 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	430451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	682754	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	619374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	233248	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	287487	54.33	ug/l	0.00
Spiked Amount			Recovery	=	108.66%	
35) Dibromofluoromethane	7.57	113	216453	53.10	ug/l	0.00
Spiked Amount			Recovery	=	106.20%	
50) Toluene-d8	10.08	98	855743	53.29	ug/l	0.00
Spiked Amount			Recovery	=	106.58%	
62) 4-Bromofluorobenzene	12.40	95	275881	47.65	ug/l	0.00
Spiked Amount			Recovery	=	95.30%	

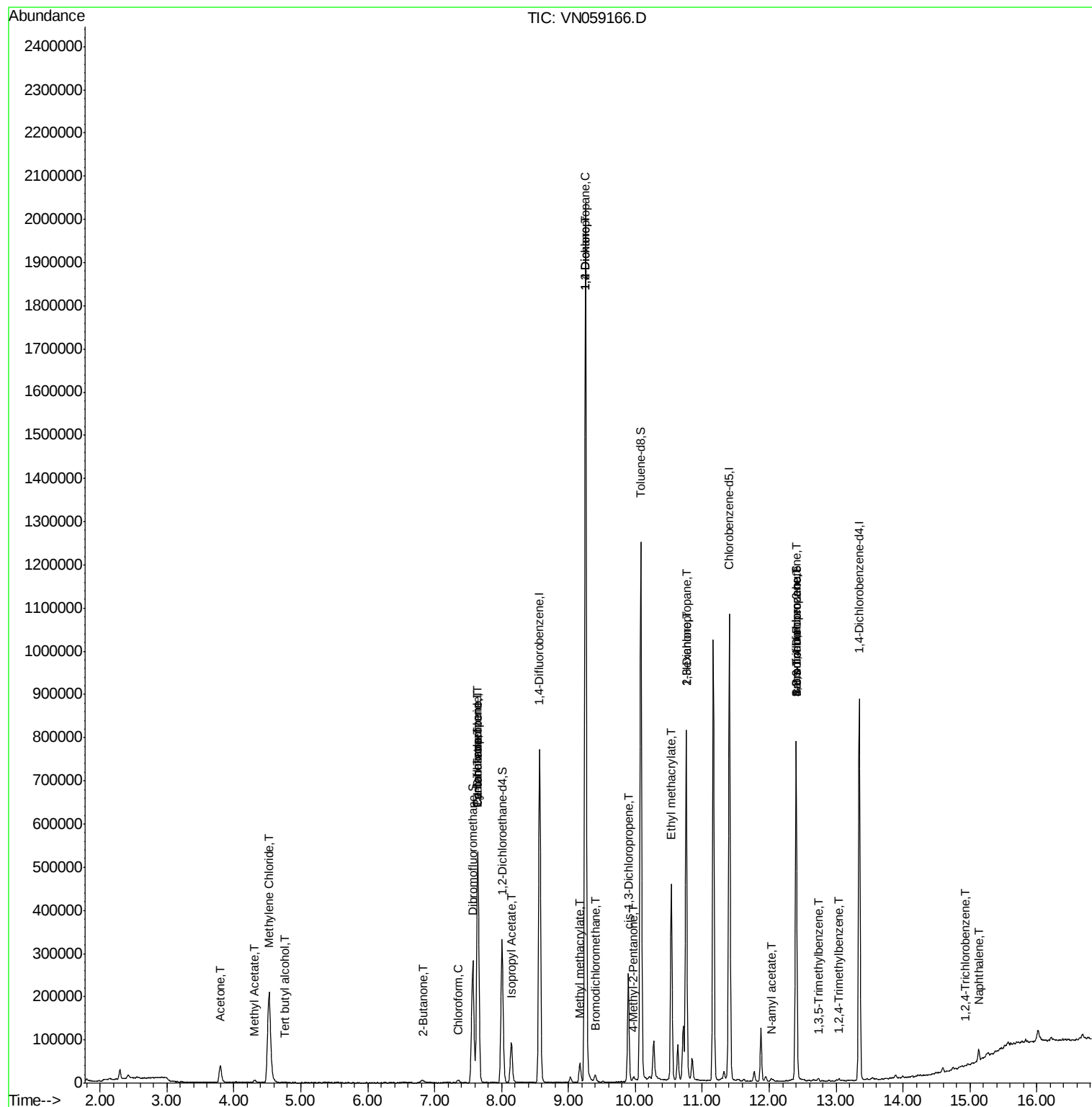
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.76	59	650	0.645	ug/l #	72
16) Acetone	3.80	43	66293	24.092	ug/l	95
18) Methyl Acetate	4.31	43	10552	1.616	ug/l #	87
20) Methylene Chloride	4.53	84	164395	34.294	ug/l	97
25) 2-Butanone	6.83	43	7884	2.174	ug/l #	86
30) Chloroform	7.35	83	6682	0.800	ug/l	97
31) Cyclohexane	7.64	56	8891	1.079	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	34119	5.346	ug/l #	50
38) Carbon Tetrachloride	7.64	117	42277	6.656	ug/l #	17
43) Isopropyl Acetate	8.15	43	111449	9.847	ug/l #	90
45) 1,2-Dichloropropane	9.25	63	2511	0.481	ug/l #	44
47) Bromodichloromethane	9.39	83	1437	0.221	ug/l #	84
48) Methyl methacrylate	9.17	41	7096	1.402	ug/l #	14
49) 1,4-Dioxane	9.25	88	240	2.668	ug/l #	1
51) 4-Methyl-2-Pentanone	9.97	43	5604	0.875	ug/l	88
54) cis-1,3-Dichloropropene	9.90	75	45200	5.600	ug/l #	65
56) Ethyl methacrylate	10.54	69	1768	2.092	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	7748	0.966	ug/l #	42
59) 2-Hexanone	10.76	43	123296	25.083	ug/l #	51
71) Bromoform	12.40	173	1663	0.472	ug/l #	1
74) N-amyl acetate	12.03	43	5678	0.790	ug/l #	46
76) 1,2,3-Trichloropropane	12.40	75	140496	26.457	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	2914	0.203	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.40	75	140496	69.881	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	3855	0.277	ug/l	93
93) 1,2,4-Trichlorobenzene	14.91	180	193	3.088	ug/l #	1
95) Naphthalene	15.13	128	19970	4.596	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111119\
Data File : VN059166.D
Acq On : 11 Nov 2019 17:07
Operator : JC/SP
Sample : K5676-15
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SU-03-110819

Quant Time: Nov 12 00:44:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059166.D

Acq: 11 Nov 2019 17:07

Instrument :

MSVOA_N

ClientSampleId :

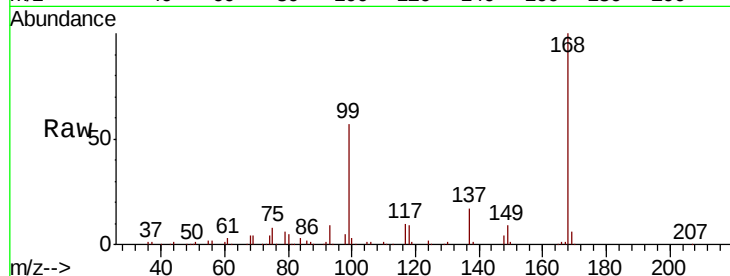
SU-03-110819

Tot Ion:168 Resp: 430451

Ion Ratio Lower Upper

168 100

99 56.9 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

200000

150000

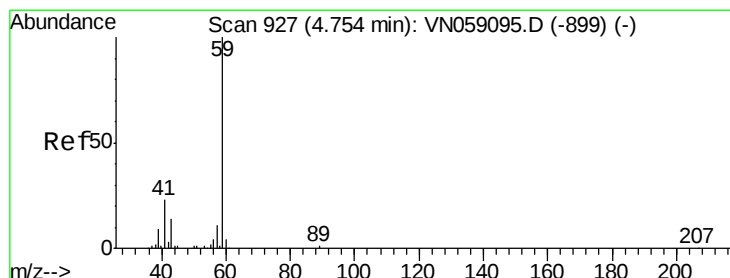
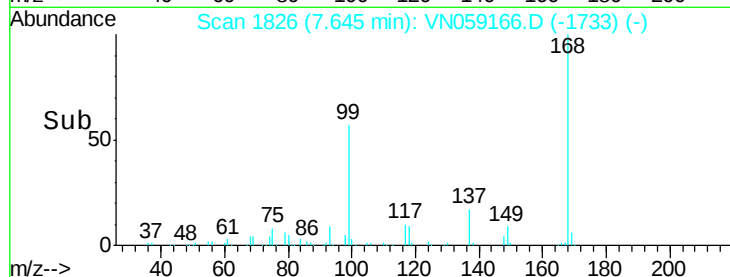
100000

50000

0

7.60 7.70

Time-->



#11

Tert butyl alcohol

Concen: 0.645 ug/l

RT: 4.76 min Scan# 929

Delta R.T. 0.01 min

Lab File: VN059166.D

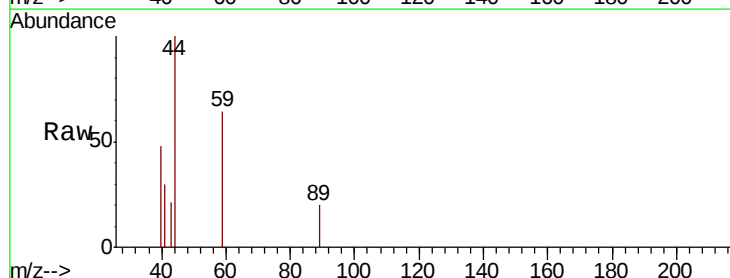
Acq: 11 Nov 2019 17:07

Tgt Ion: 59 Resp: 650

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.76

500

400

300

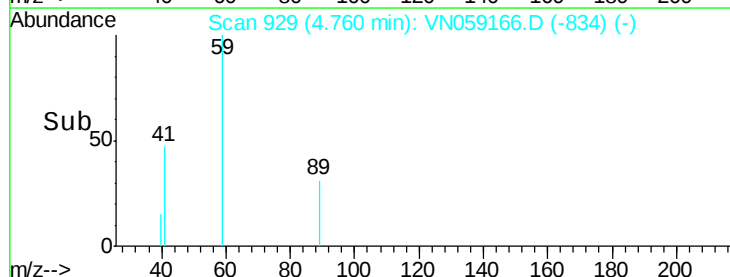
200

100

0

4.72 4.74 4.76 4.78

Time-->





#16

Acetone

Concen: 24.092 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN059166.D

Acq: 11 Nov 2019 17:07

Instrument :

MSVOA_N

ClientSampleId :

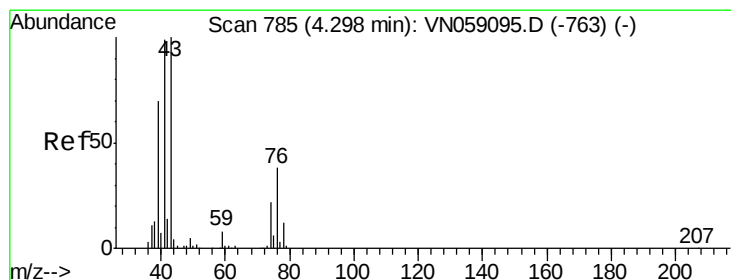
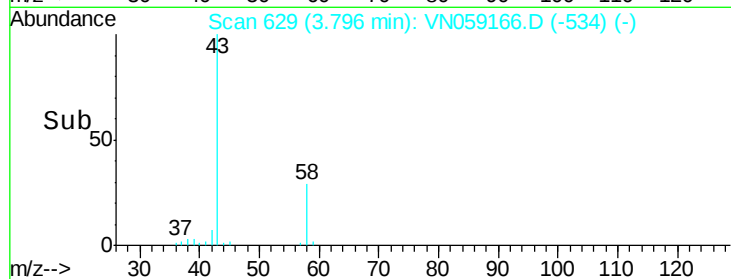
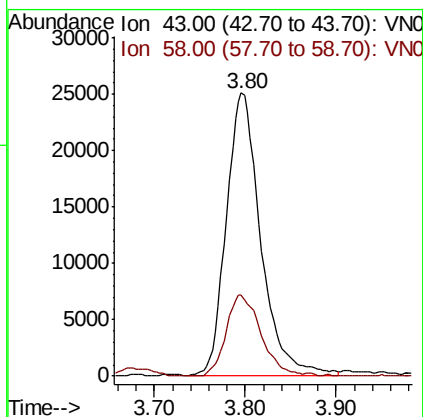
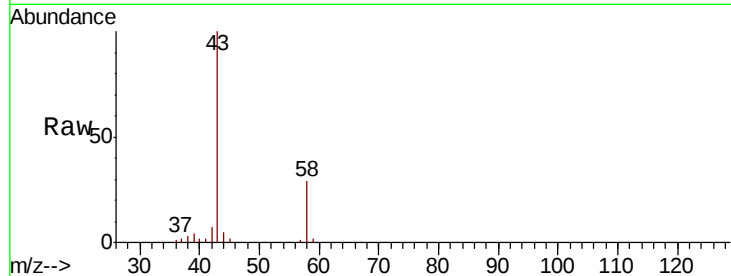
SU-03-110819

Tot Ion: 43 Resp: 66293

Ion Ratio Lower Upper

43 100

58 28.6 24.9 37.3



#18

Methyl Acetate

Concen: 1.616 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.01 min

Lab File: VN059166.D

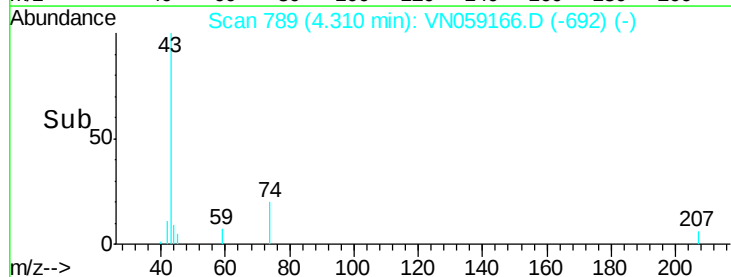
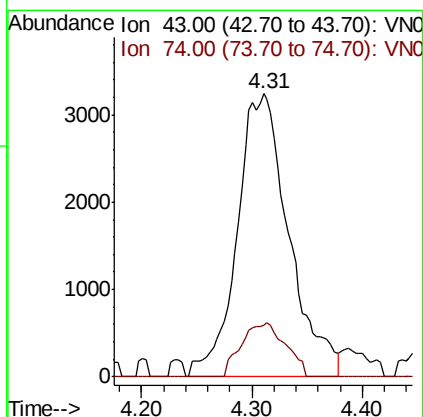
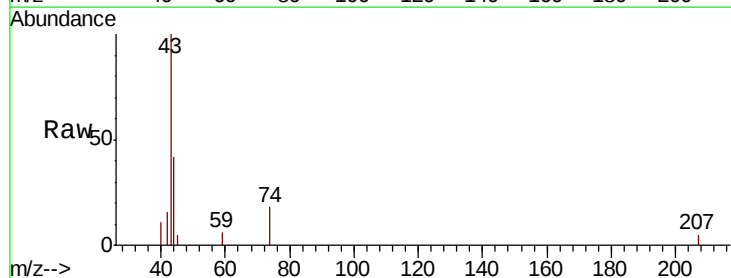
Acq: 11 Nov 2019 17:07

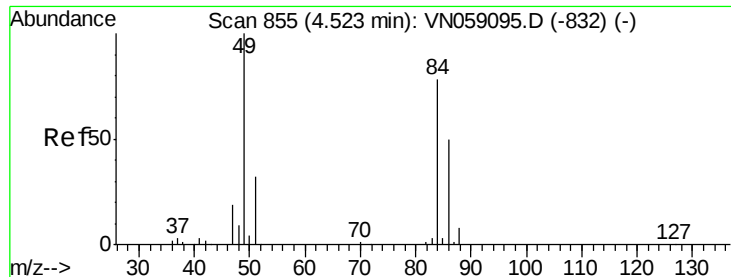
Tgt Ion: 43 Resp: 10552

Ion Ratio Lower Upper

43 100

74 16.2 17.8 26.8#





#20

Methylene Chloride

Concen: 34.294 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN059166.D

Acq: 11 Nov 2019 17:07

Instrument :

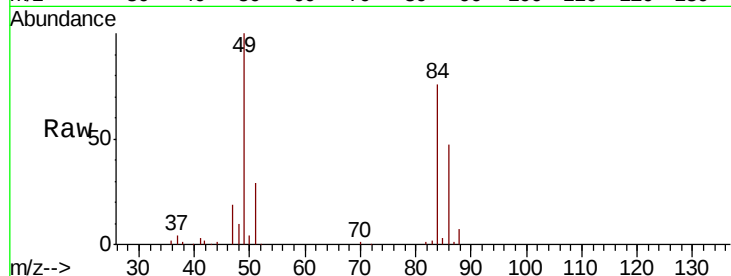
MSVOA_N

ClientSampleId :

SU-03-110819

Tot Ion: 84 Resp: 164395

Ion	Ratio	Lower	Upper
84	100		
49	130.8	102.0	153.0
51	38.5	32.2	48.2
86	61.6	50.7	76.1



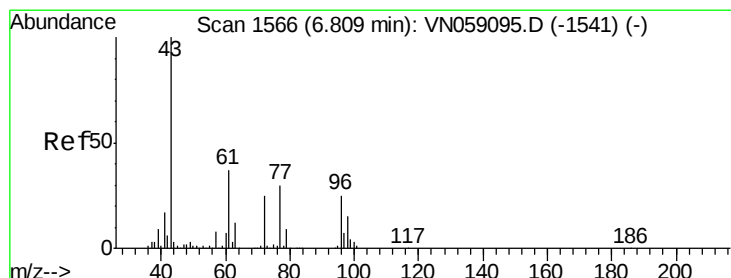
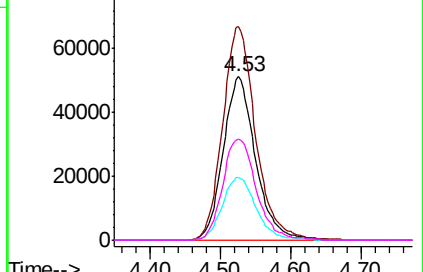
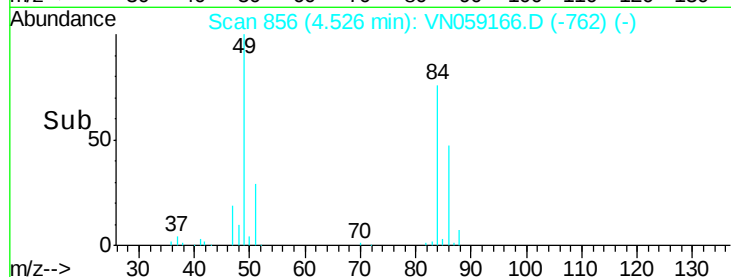
Abundance

Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 2.174 ug/l

RT: 6.83 min Scan# 1573

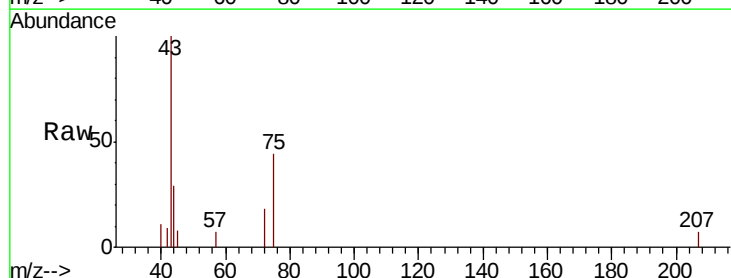
Delta R.T. 0.02 min

Lab File: VN059166.D

Acq: 11 Nov 2019 17:07

Tgt Ion: 43 Resp: 7884

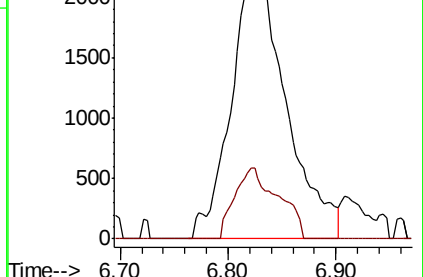
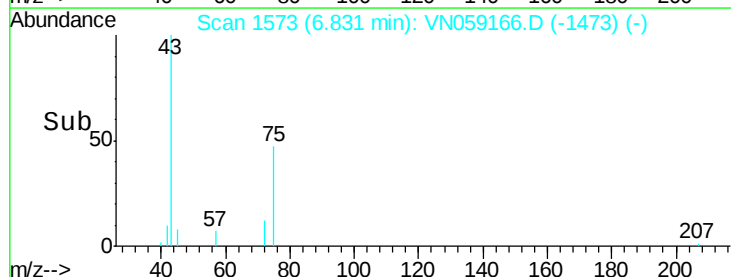
Ion	Ratio	Lower	Upper
43	100		
72	18.2	20.3	30.5#

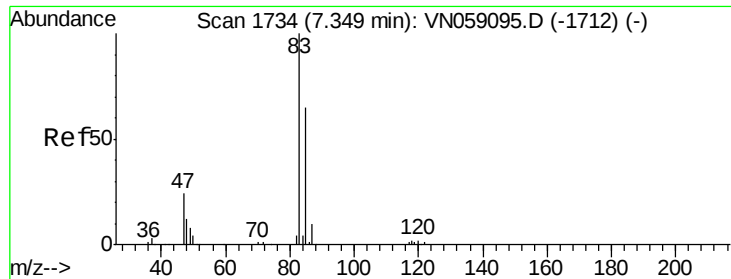


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

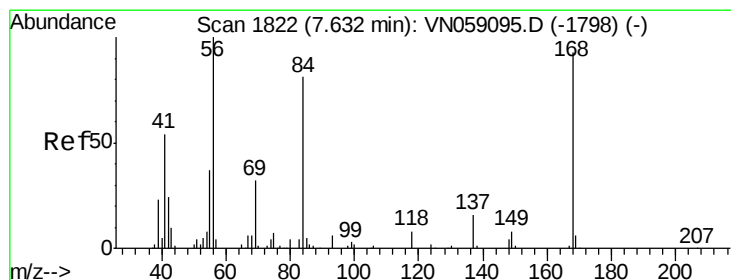
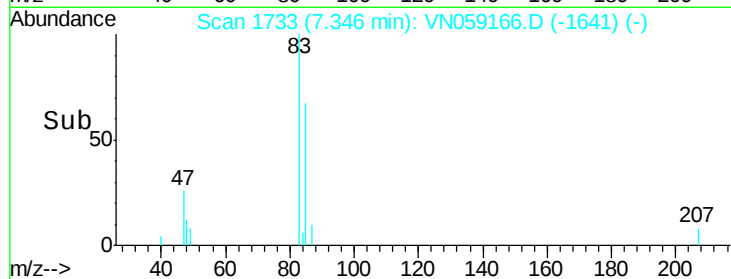
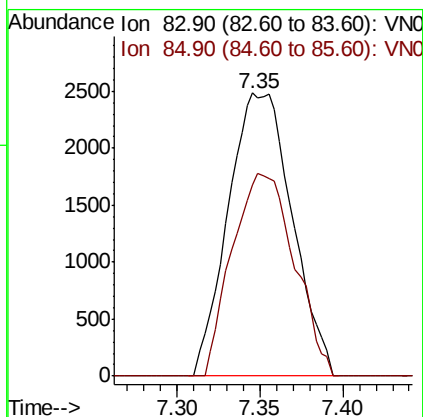
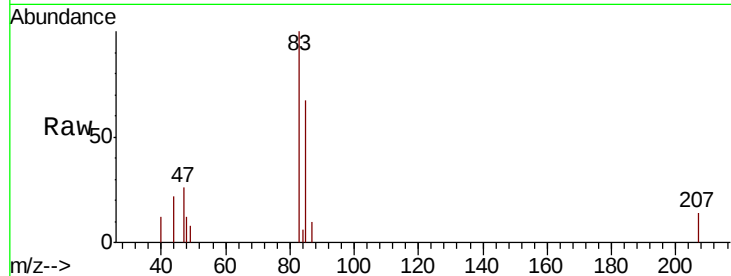




#30
Chloroform
Concen: 0.800 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN059166.D
Acq: 11 Nov 2019 17:07

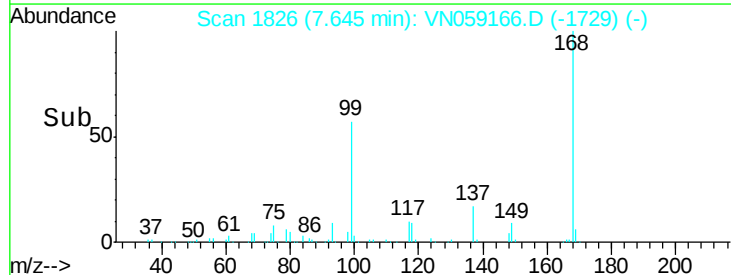
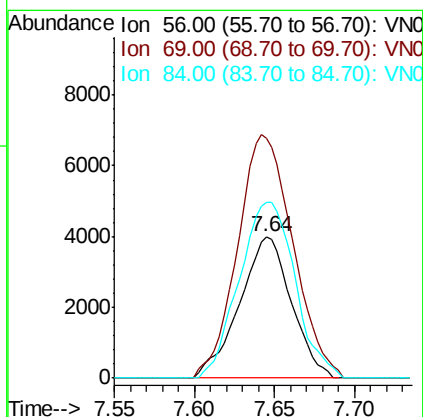
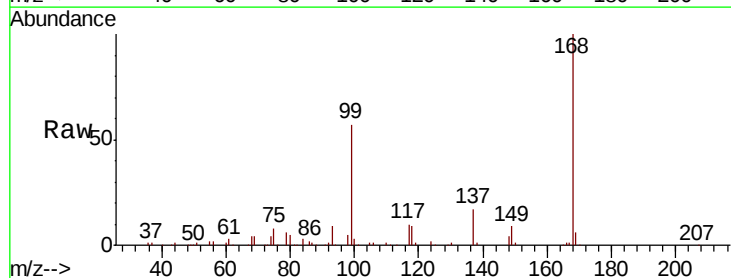
Instrument :
MSVOA_N
ClientSampled :
SU-03-110819

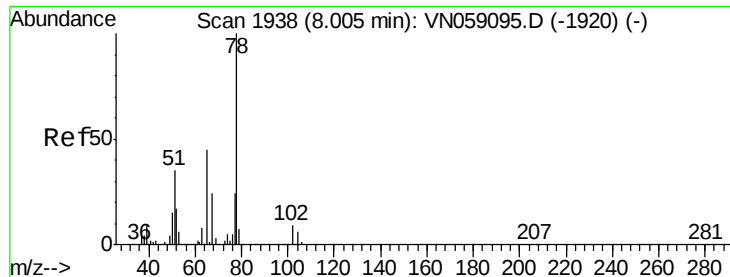
Tot Ion: 83 Resp: 6682
Ion Ratio Lower Upper
83 100
85 67.4 51.8 77.8



#31
Cyclohexane
Concen: 1.079 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN059166.D
Acq: 11 Nov 2019 17:07

Tgt Ion: 56 Resp: 8891
Ion Ratio Lower Upper
56 100
69 169.7 25.8 38.8#
84 123.9 65.0 97.4#

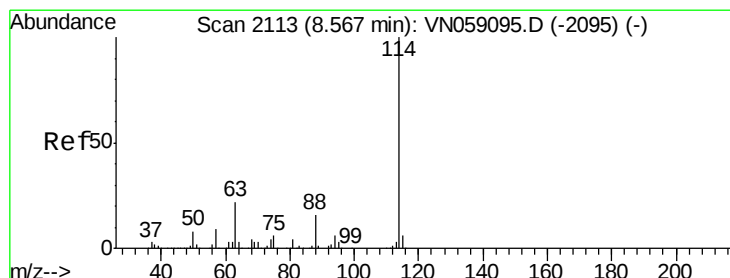
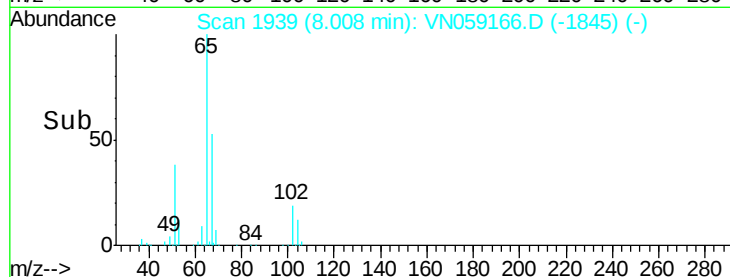
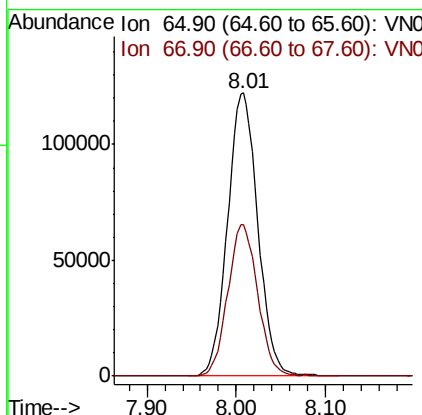
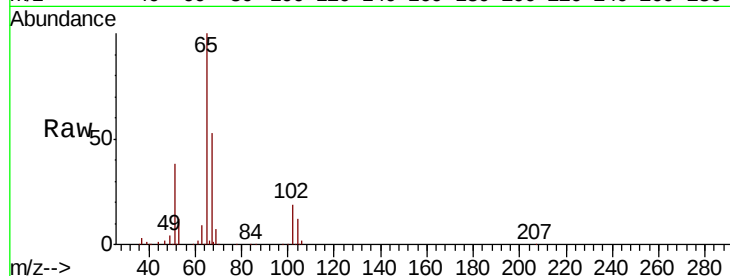




#33
 1,2-Dichloroethane-d4
 Concen: 54.331 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059166.D
 Acq: 11 Nov 2019 17:07

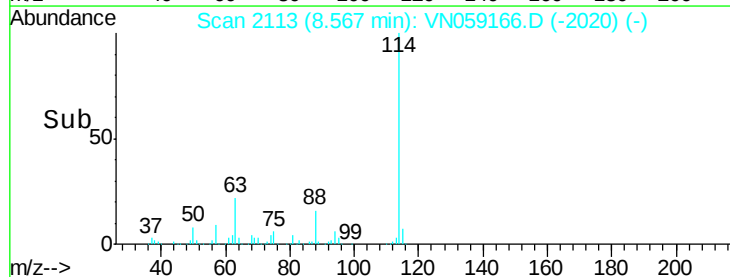
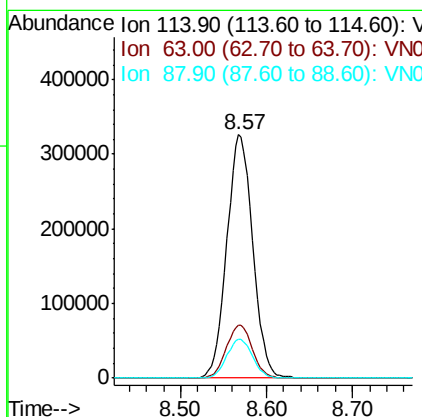
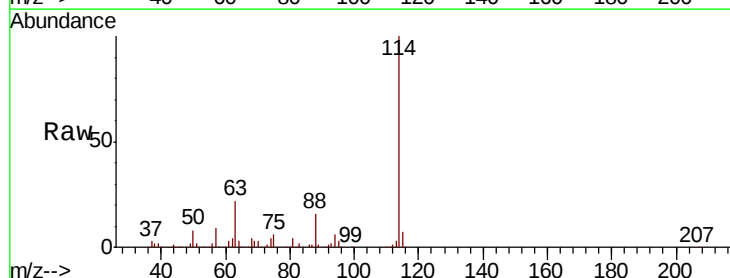
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-110819

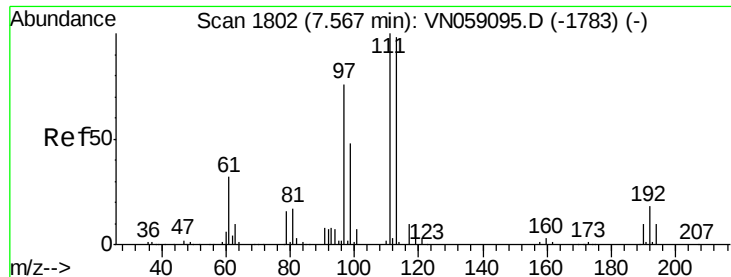
Tot Ion: 65 Resp: 287487
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059166.D
 Acq: 11 Nov 2019 17:07

Tgt Ion: 114 Resp: 682754
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.4
 88 16.1 0.0 32.2

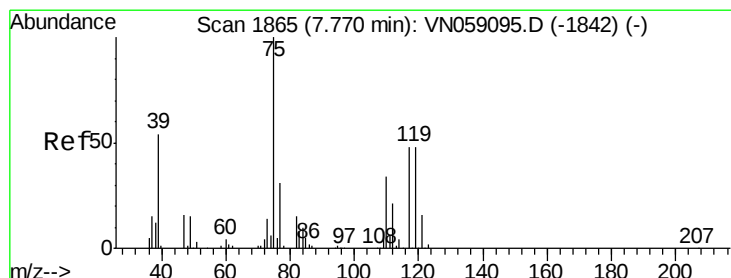
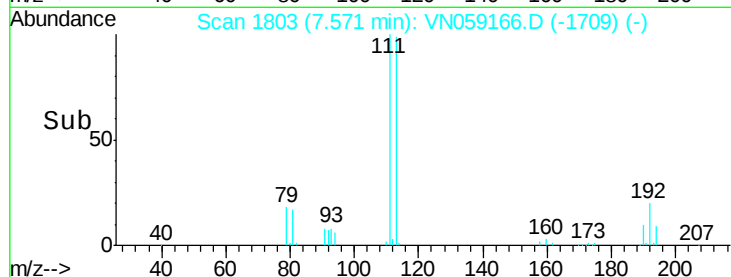
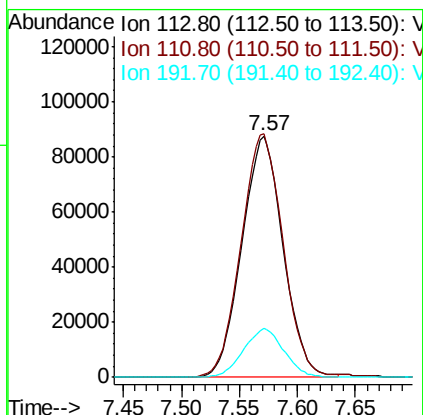
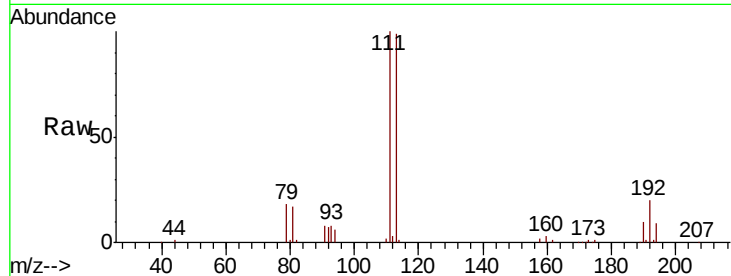




#35
 Dibromofluoromethane
 Concen: 53.095 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059166.D
 Acq: 11 Nov 2019 17:07

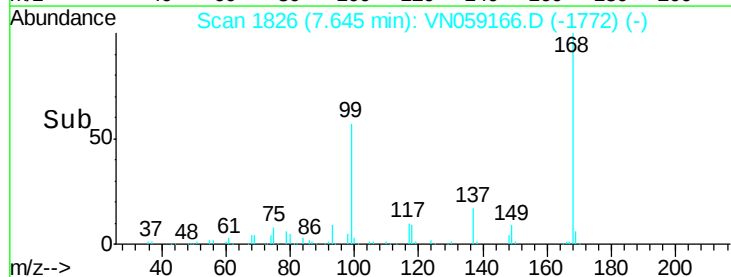
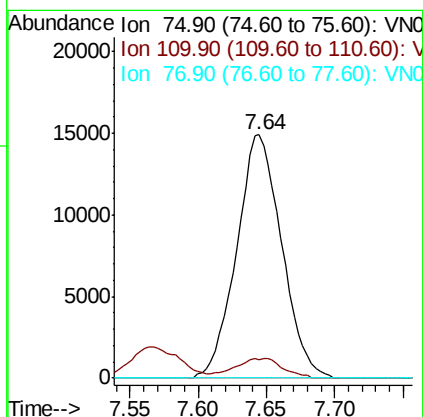
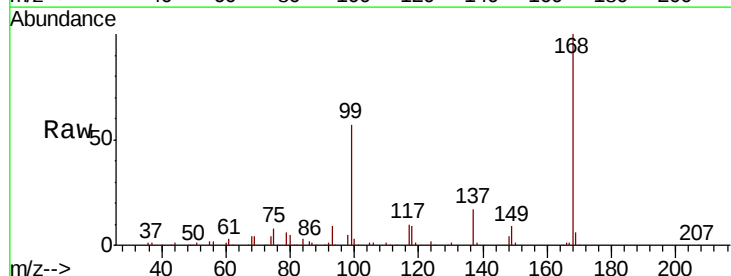
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-110819

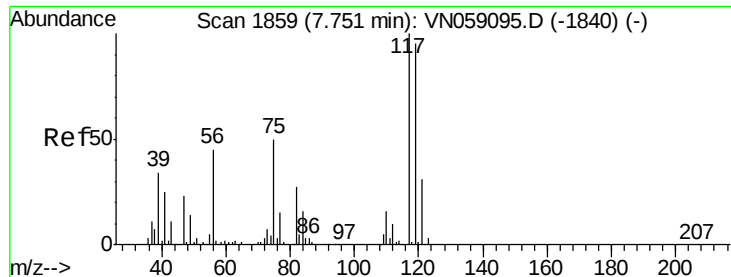
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.8	124.2
192	19.9	16.1	24.1



#36
 1,1-Dichloropropene
 Concen: 5.346 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059166.D
 Acq: 11 Nov 2019 17:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.1	51.2#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.656 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.11 min

Lab File: VN059166.D

Acq: 11 Nov 2019 17:07

Instrument :

MSVOA_N

ClientSampleId :

SU-03-110819

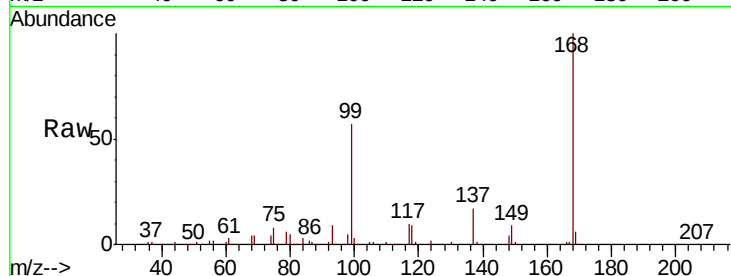
Tot Ion:117 Resp: 42277

Ion Ratio Lower Upper

117 100

119 5.4 75.6 113.4#

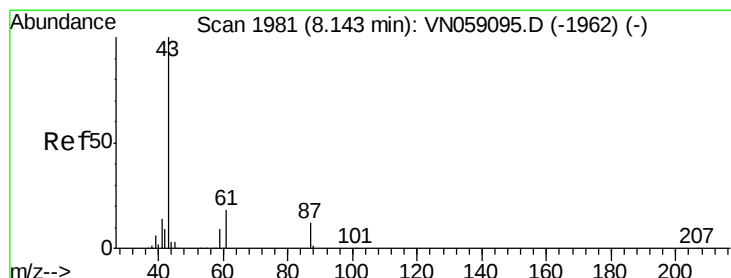
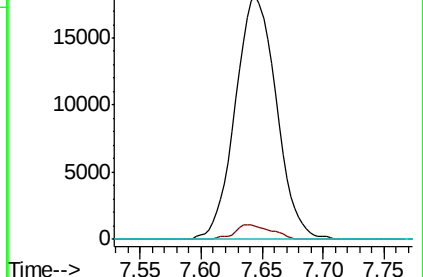
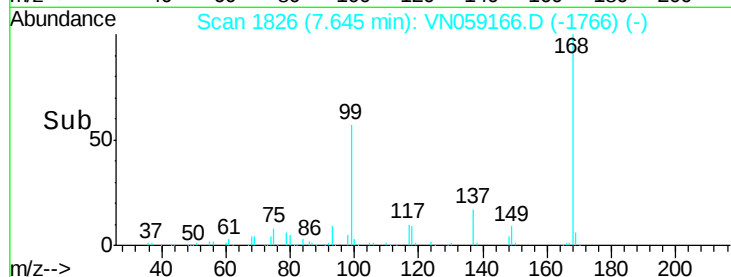
121 0.0 24.6 36.8#



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



#43

Isopropyl Acetate

Concen: 9.847 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059166.D

Acq: 11 Nov 2019 17:07

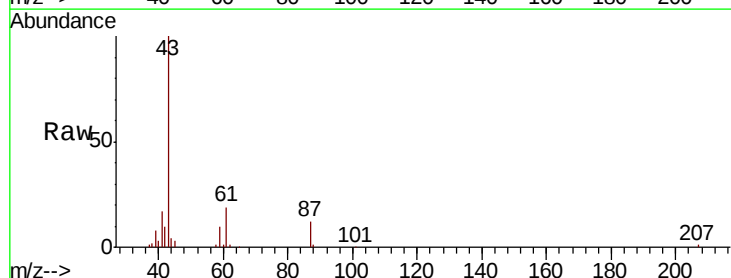
Tgt Ion: 43 Resp: 111449

Ion Ratio Lower Upper

43 100

61 18.9 21.0 31.6#

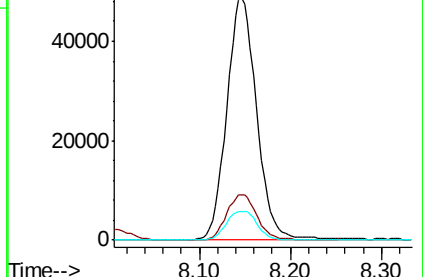
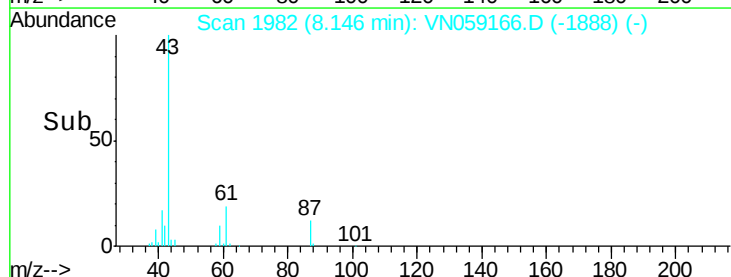
87 12.3 9.8 14.6

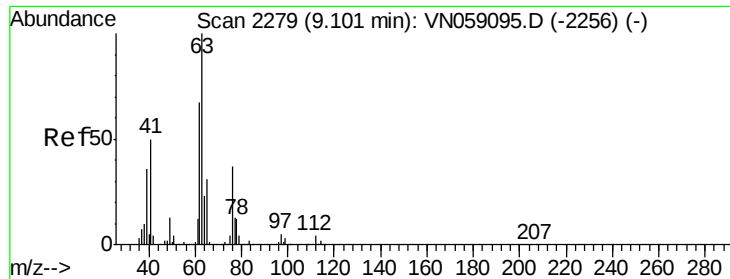


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.481 ug/l

RT: 9.25 min Scan# 2326

Delta R.T. 0.15 min

Lab File: VN059166.D

Acq: 11 Nov 2019 17:07

Instrument :

MSVOA_N

ClientSampleId :

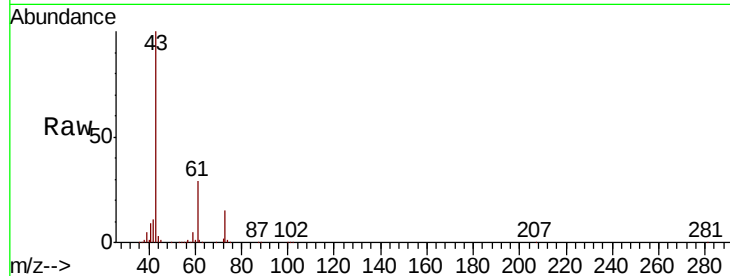
SU-03-110819

Tot Ion: 63 Resp: 2511

Ion Ratio Lower Upper

63 100

65 0.0 24.6 37.0#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.25

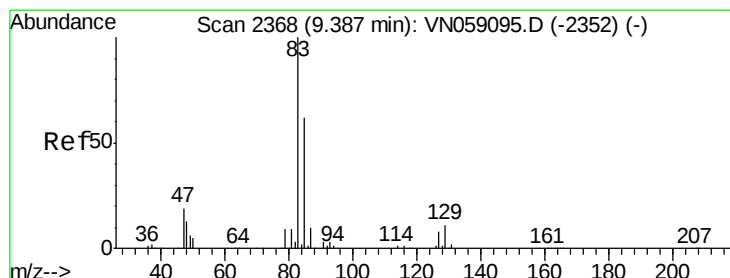
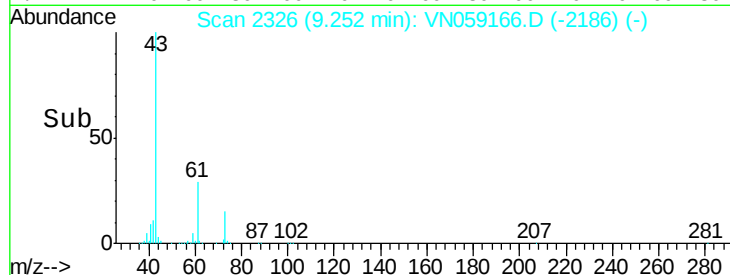
1500

1000

500

0

Time--> 9.20 9.25 9.30



#47

Bromodichloromethane

Concen: 0.221 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN059166.D

Acq: 11 Nov 2019 17:07

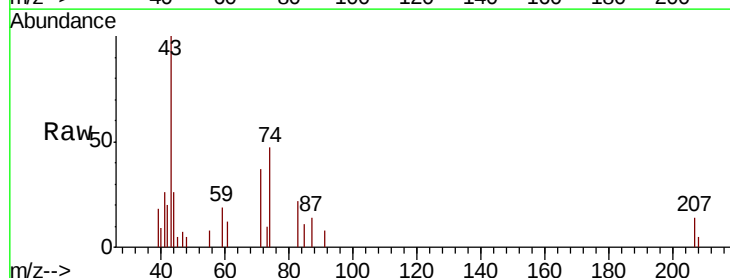
Tgt Ion: 83 Resp: 1437

Ion Ratio Lower Upper

83 100

85 50.8 49.7 74.5

127 0.0 6.4 9.6#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

9.39

1000

800

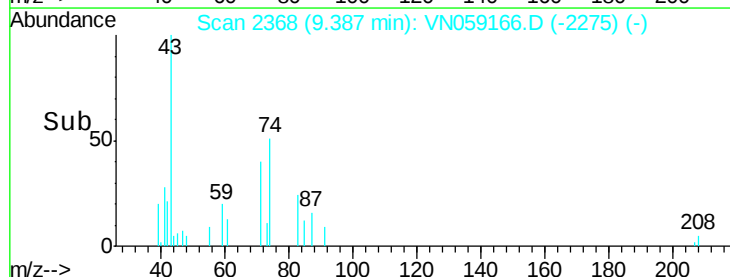
600

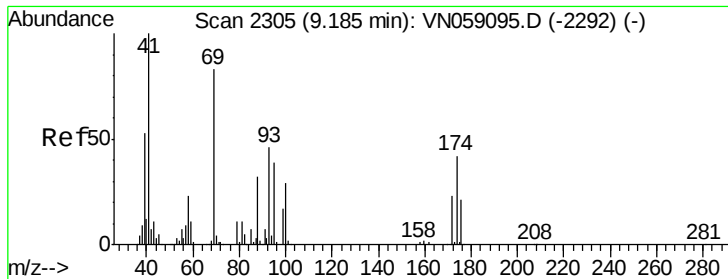
400

200

0

Time--> 9.35 9.40

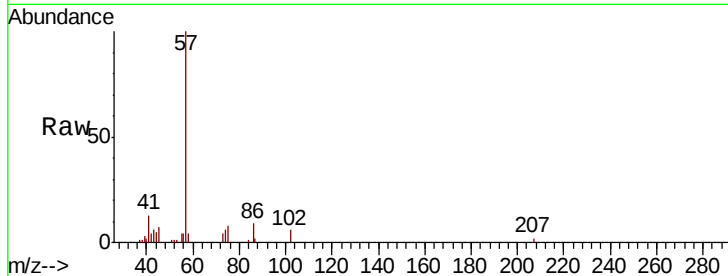




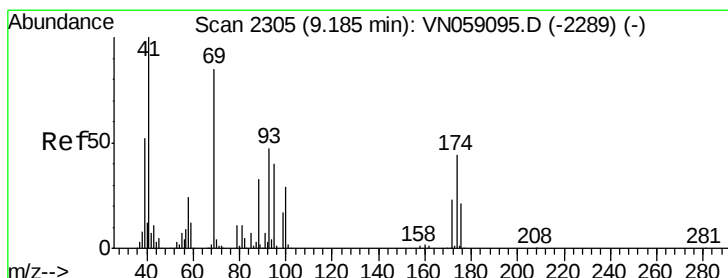
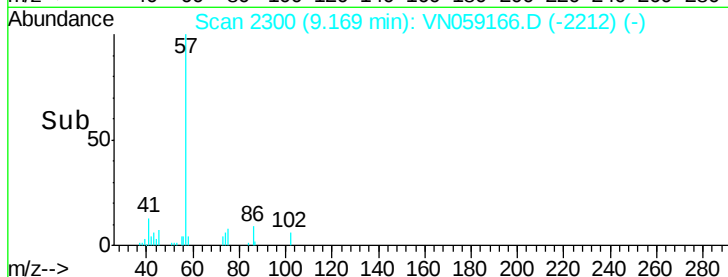
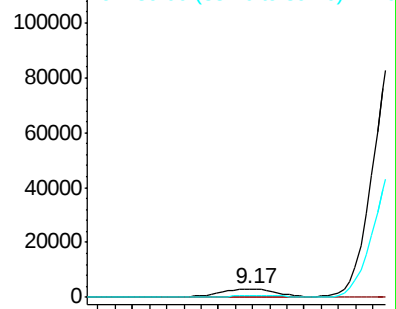
#48
Methvl methacrylate
Concen: 1.402 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.02 min
Lab File: VN059166.D
Acq: 11 Nov 2019 17:07

Instrument :
MSVOA_N
ClientSampleId :
SU-03-110819

Tot Ion: 41 Resp: 7096
Ion Ratio Lower Upper
41 100
69 0.0 67.3 100.9#
39 0.0 43.3 64.9#

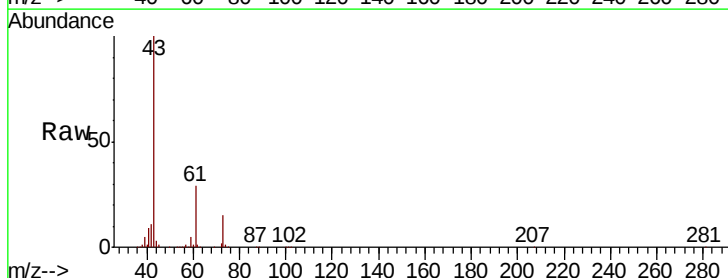


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

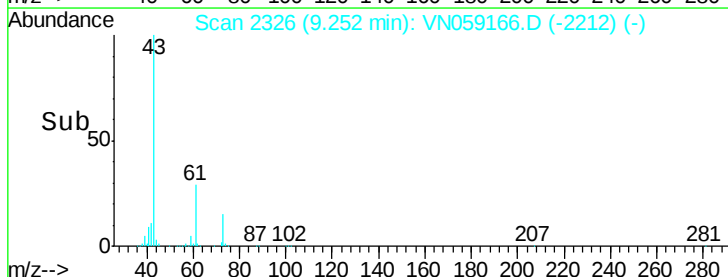
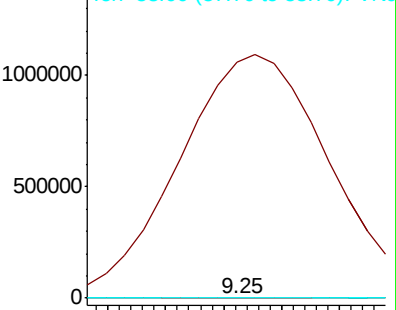


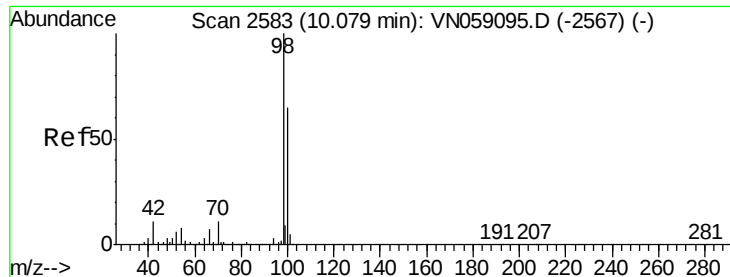
#49
1,4-Dioxane
Concen: 2.668 ug/l
RT: 9.25 min Scan# 2326
Delta R.T. 0.07 min
Lab File: VN059166.D
Acq: 11 Nov 2019 17:07

Tgt Ion: 88 Resp: 240
Ion Ratio Lower Upper
88 100
43 841122.1 26.3 39.5#
58 3765.4 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: 53.291 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059166.D

Acq: 11 Nov 2019 17:07

Instrument :

MSVOA_N

ClientSampled :

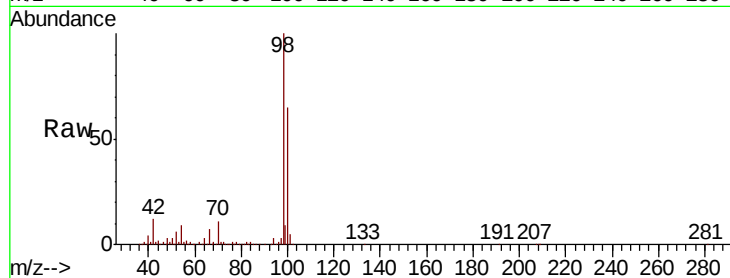
SU-03-110819

Tot Ion: 98 Resp: 855743

Ion Ratio Lower Upper

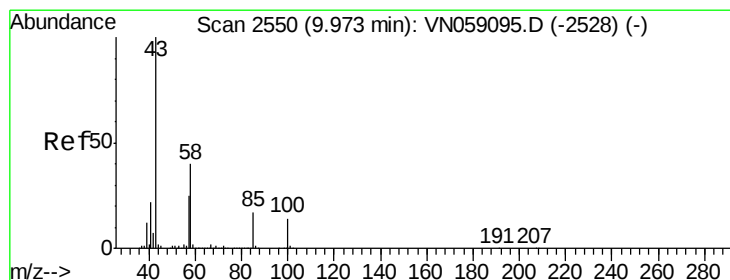
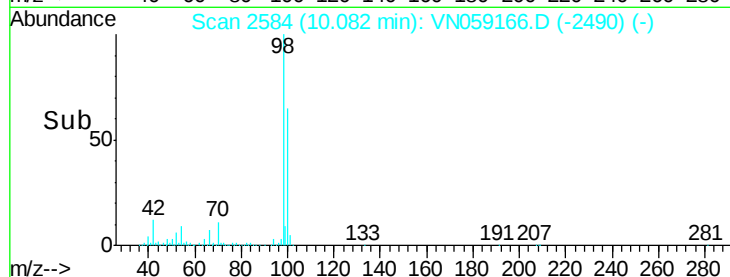
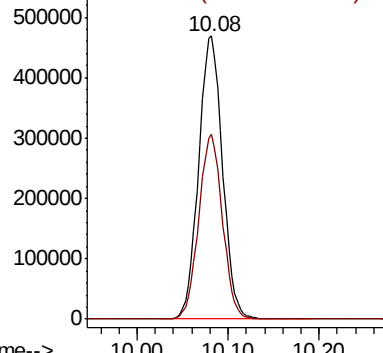
98 100

100 64.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 0.875 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059166.D

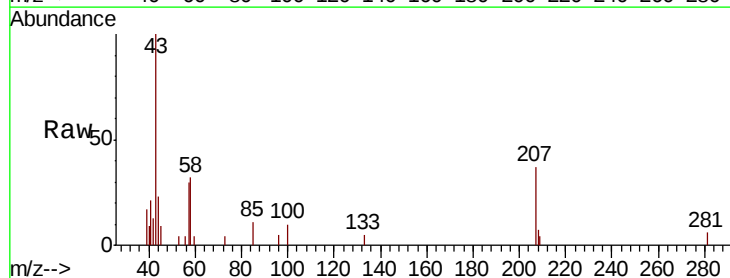
Acq: 11 Nov 2019 17:07

Tgt Ion: 43 Resp: 5604

Ion Ratio Lower Upper

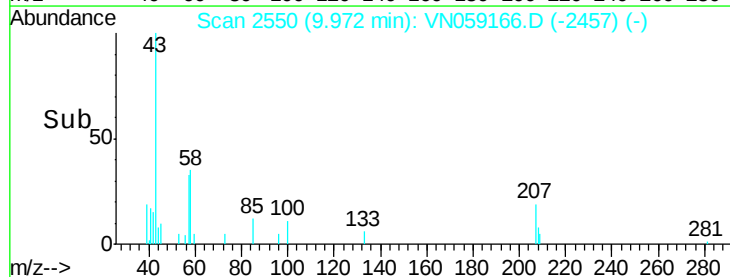
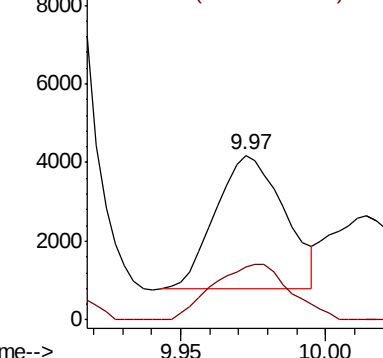
43 100

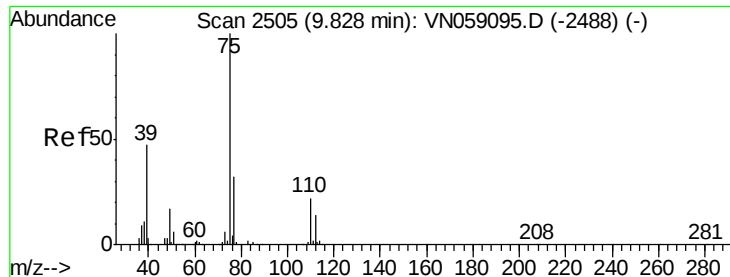
58 46.7 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



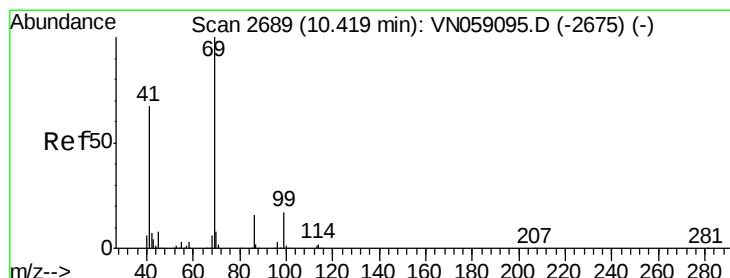
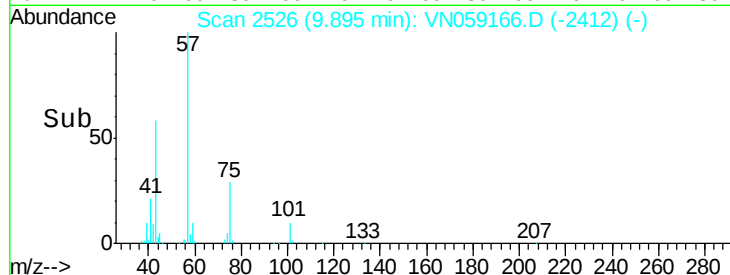
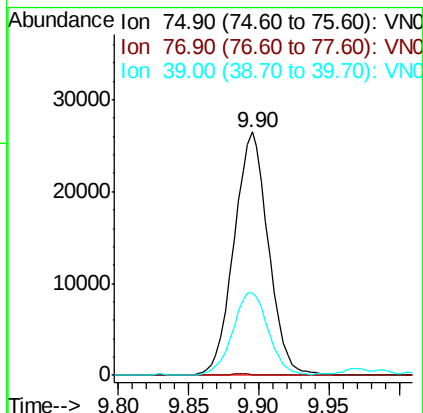
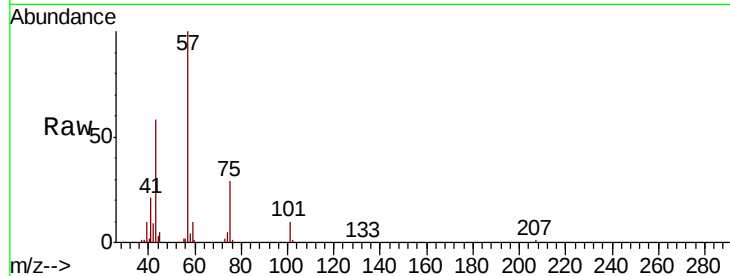


#54

cis-1,3-Dichloropropene
 Concen: 5.600 ug/l
 RT: 9.90 min Scan# 2526
 Delta R.T. 0.07 min
 Lab File: VN059166.D
 Acq: 11 Nov 2019 17:07

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-110819

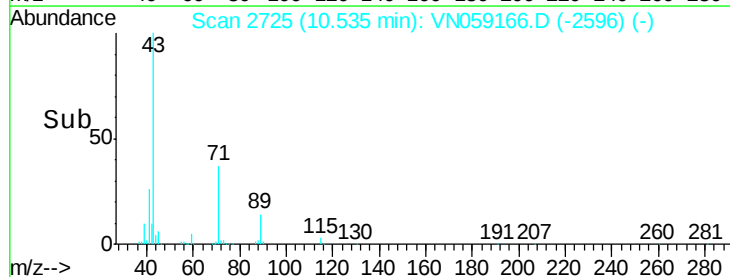
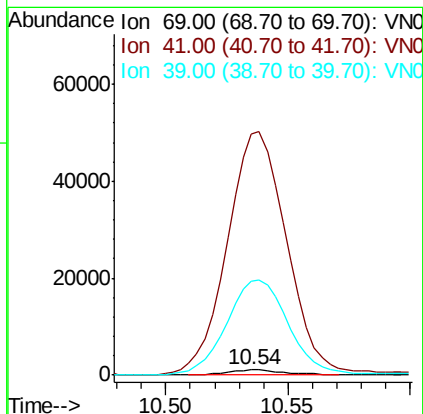
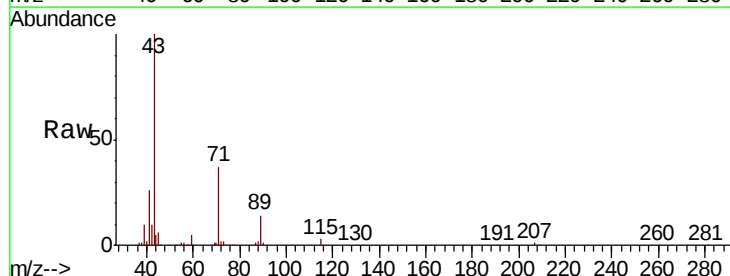
Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.5	38.3#
39	34.0	37.3	55.9#

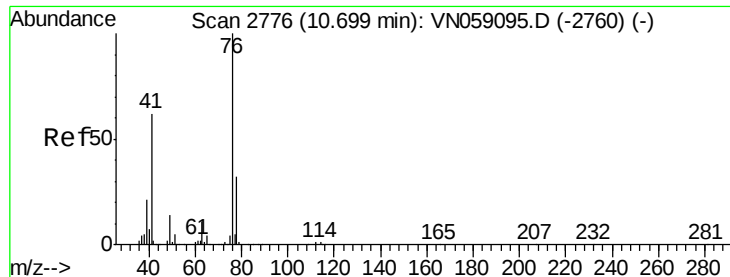


#56

Ethyl methacrylate
 Concen: 2.092 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.12 min
 Lab File: VN059166.D
 Acq: 11 Nov 2019 17:07

Tgt Ion	Ratio	Lower	Upper
69	100		
41	4854.4	53.6	80.4#
39	1947.0	26.2	39.4#

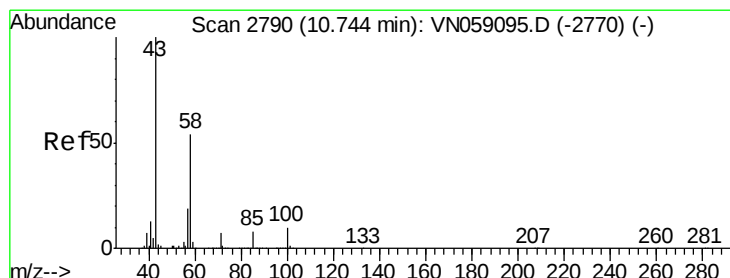
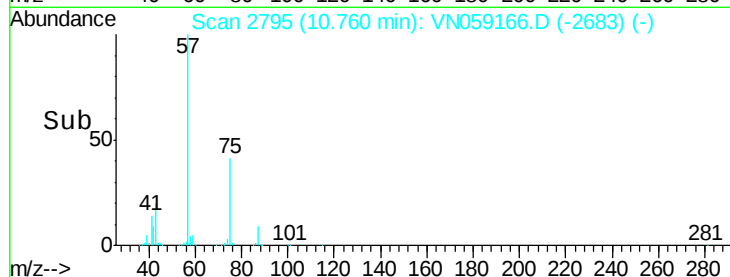
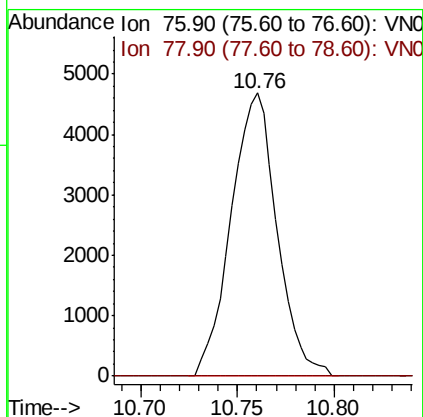
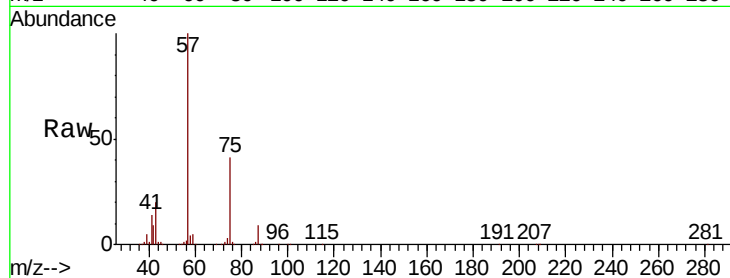




#57
 1,3-Dichloropropane
 Concen: 0.966 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.06 min
 Lab File: VN059166.D
 Acq: 11 Nov 2019 17:07

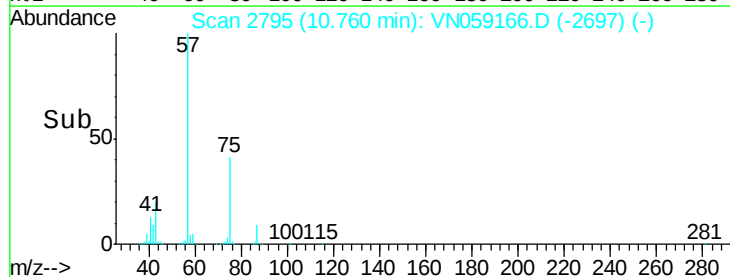
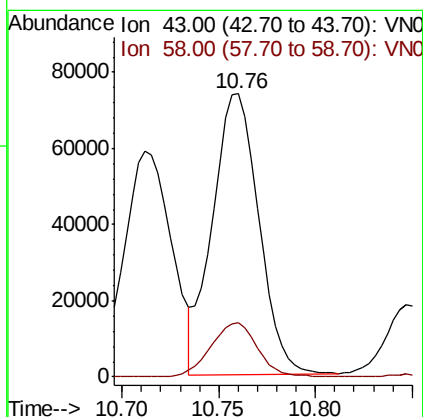
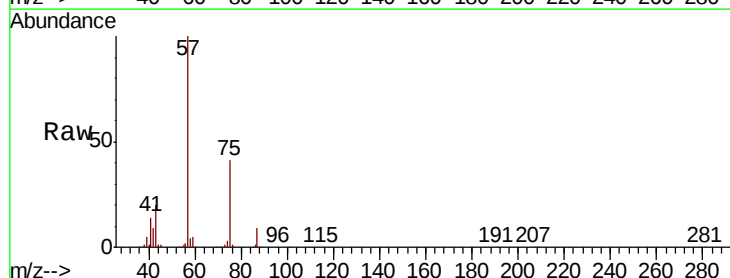
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-110819

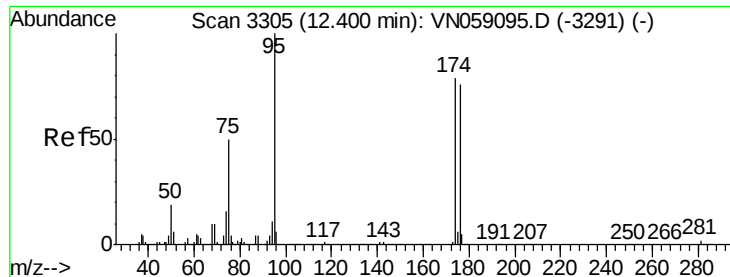
Tot Ion: 76 Resp: 7748
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.8#



#59
 2-Hexanone
 Concen: 25.083 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.02 min
 Lab File: VN059166.D
 Acq: 11 Nov 2019 17:07

Tgt Ion: 43 Resp: 123296
 Ion Ratio Lower Upper
 43 100
 58 19.5 27.3 81.8#





#62

4-Bromofluorobenzene

Concen: 47.649 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059166.D

Acq: 11 Nov 2019 17:07

Instrument :

MSVOA_N

ClientSampleId :

SU-03-110819

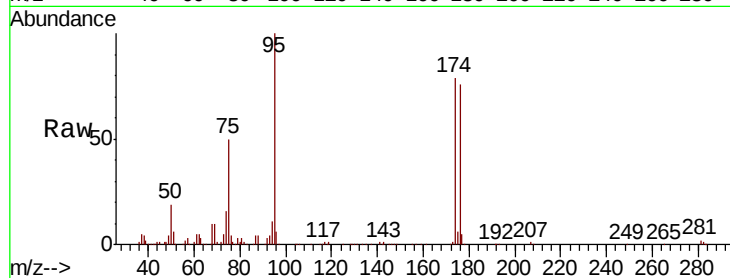
Tot Ion: 95 Resp: 275881

Ion Ratio Lower Upper

95 100

174 78.0 0.0 158.2

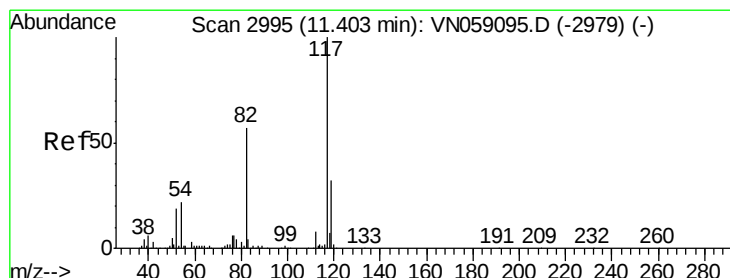
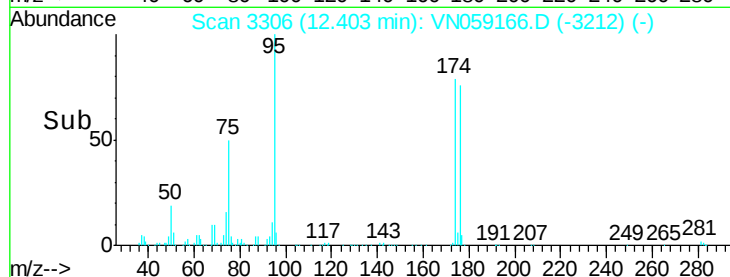
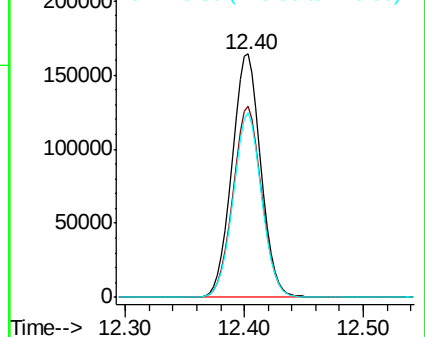
176 74.7 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059166.D

Acq: 11 Nov 2019 17:07

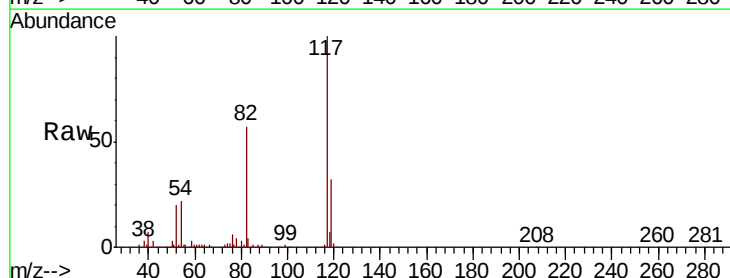
Tgt Ion: 117 Resp: 619374

Ion Ratio Lower Upper

117 100

82 57.5 45.8 68.8

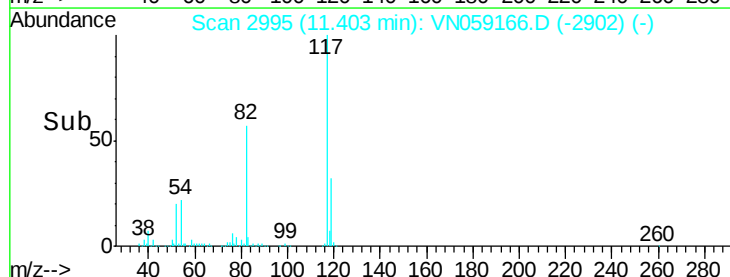
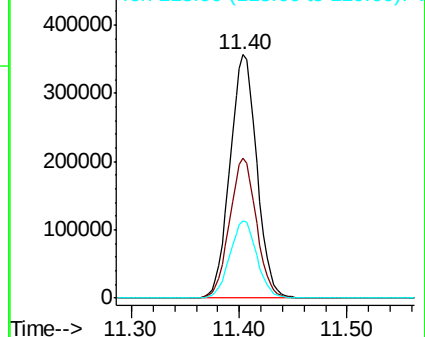
119 31.6 25.8 38.6

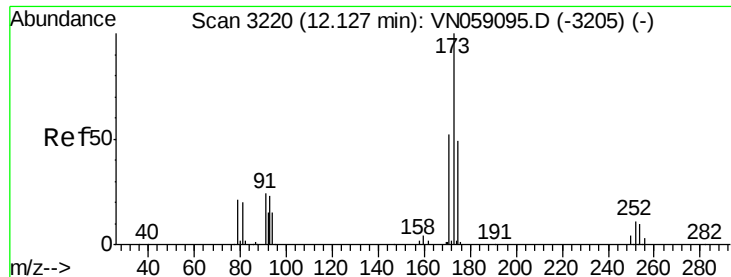


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#71

Bromoform

Concen: 0.472 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN059166.D

Acq: 11 Nov 2019 17:07

Instrument :

MSVOA_N

ClientSampleId :

SU-03-110819

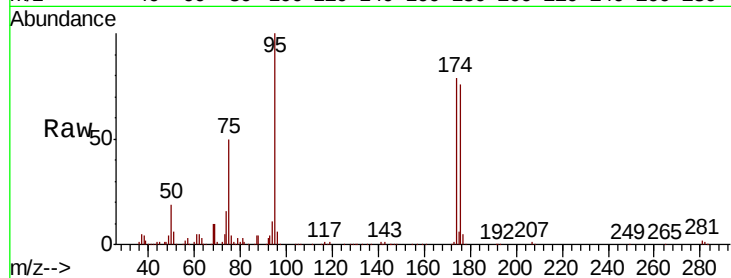
Tot Ion:173 Resp: 1663

Ion Ratio Lower Upper

173 100

175 836.8 24.2 72.6#

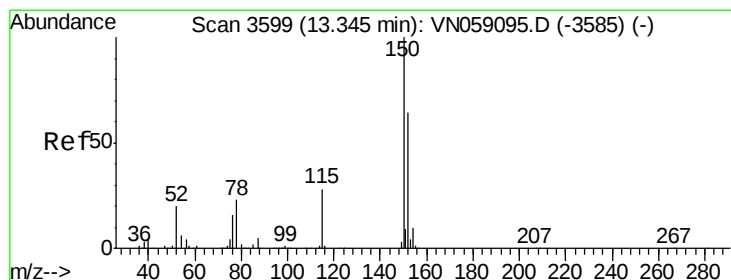
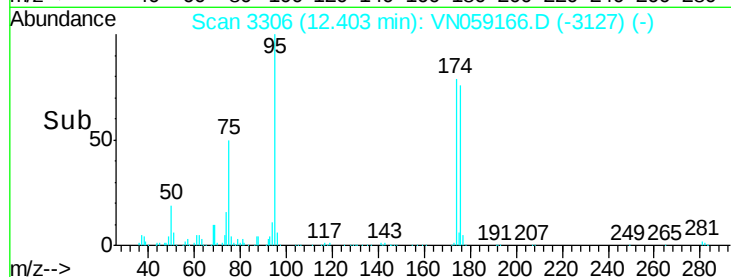
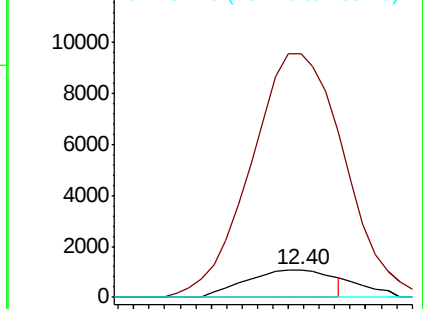
254 0.0 0.1 0.1#



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: VN059166.D

Acq: 11 Nov 2019 17:07

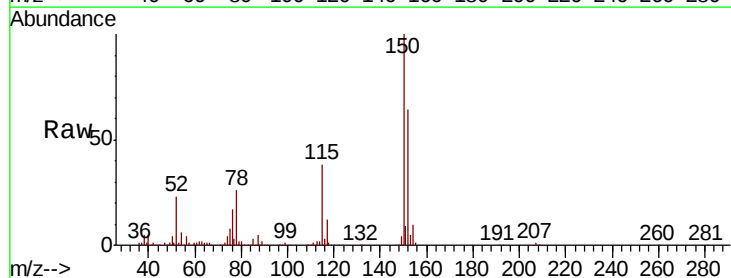
Tgt Ion:152 Resp: 233248

Ion Ratio Lower Upper

152 100

115 59.7 29.4 88.2

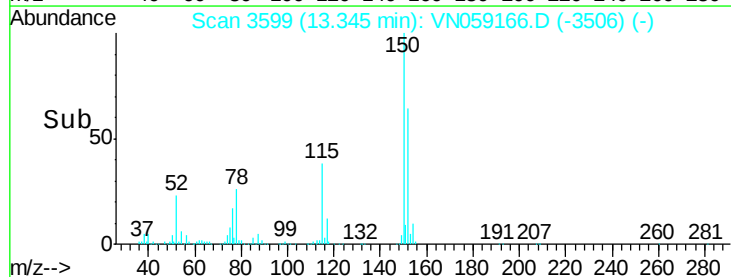
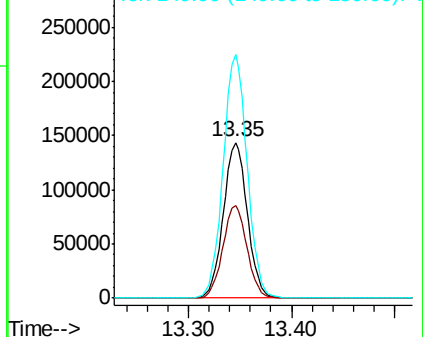
150 156.7 0.0 345.8

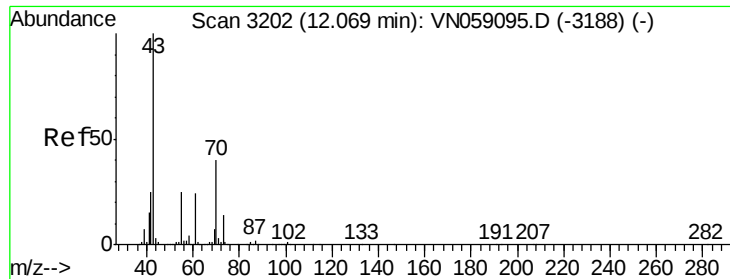


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.790 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN059166.D

Acq: 11 Nov 2019 17:07

Instrument :

MSVOA_N

ClientSampled :

SU-03-110819

Tot Ion: 43 Resp: 5678

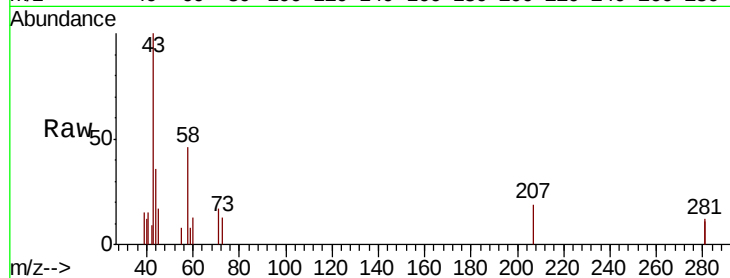
Ion Ratio Lower Upper

43 100

70 0.0 32.2 48.4#

55 5.1 20.4 30.6#

61 0.0 19.3 28.9#

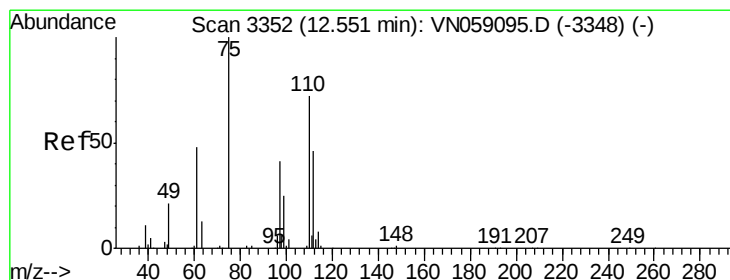
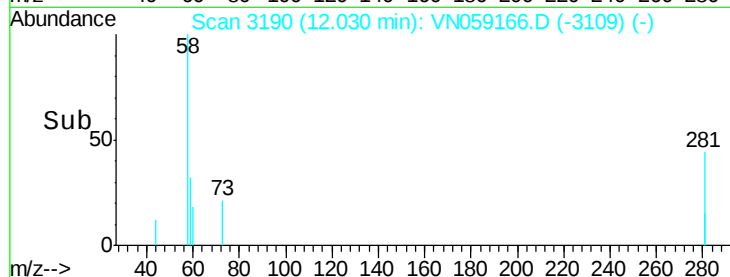
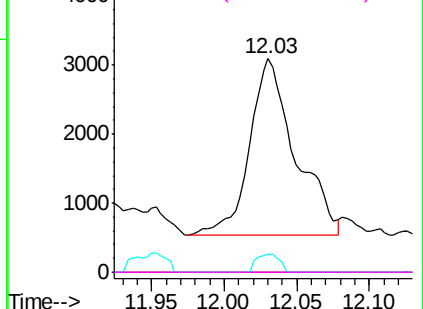


Abundance Ion 43.00 (42.70 to 43.70): VNO

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: 26.457 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN059166.D

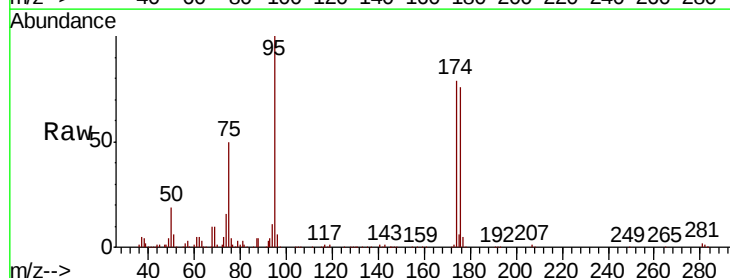
Acq: 11 Nov 2019 17:07

Tgt Ion: 75 Resp: 140496

Ion Ratio Lower Upper

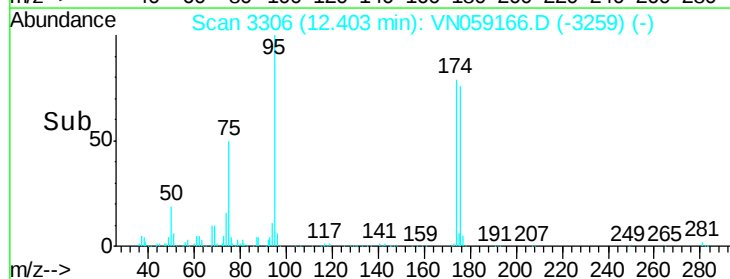
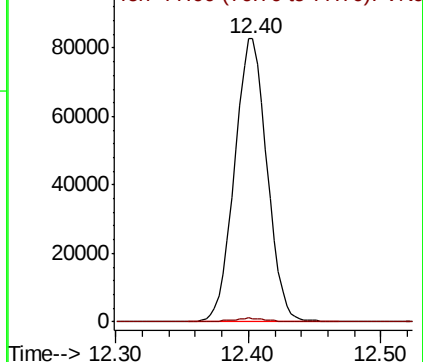
75 100

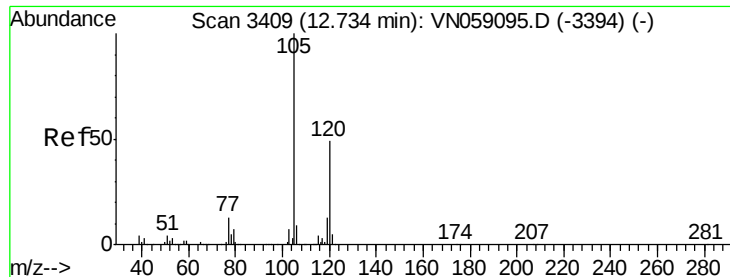
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

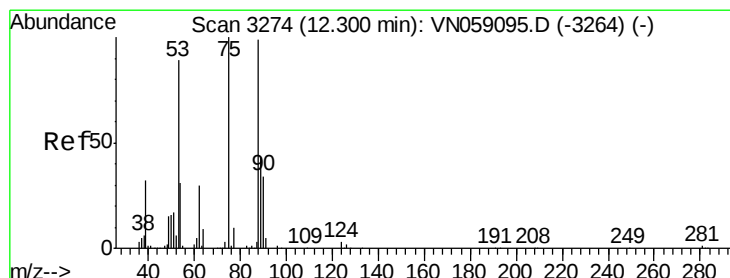
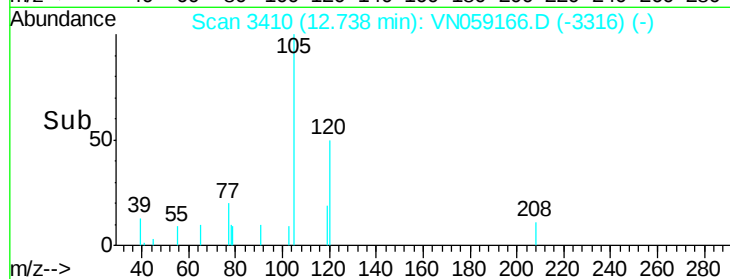
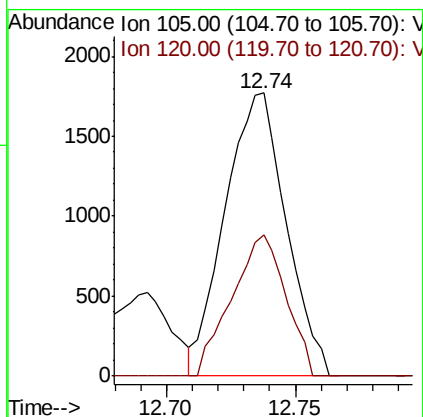
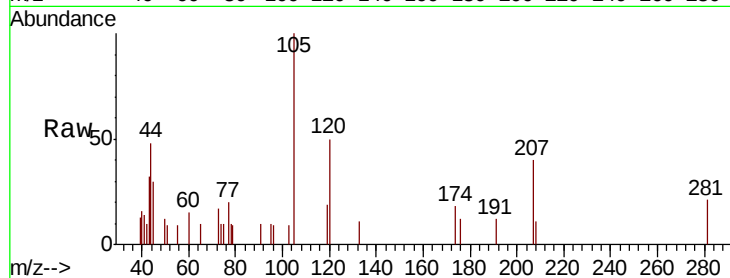




#80
 1,3,5-Trimethylbenzene
 Concen: 0.203 ug/l
 RT: 12.74 min Scan# 3410
 Delta R.T. 0.00 min
 Lab File: VN059166.D
 Acq: 11 Nov 2019 17:07

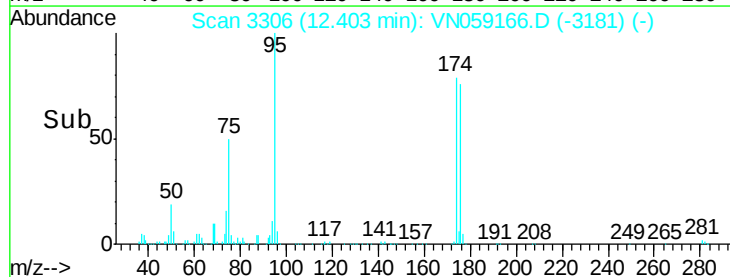
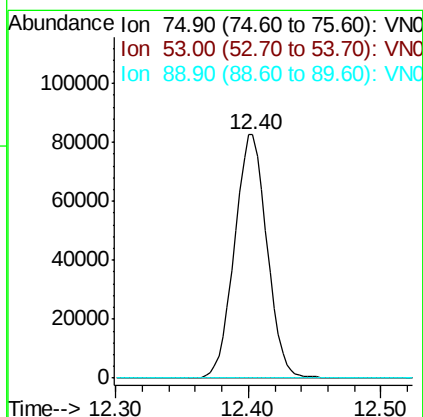
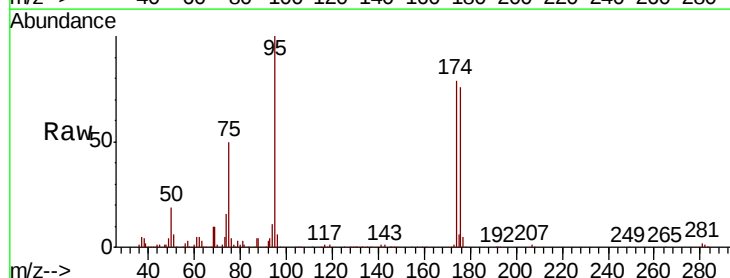
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-110819

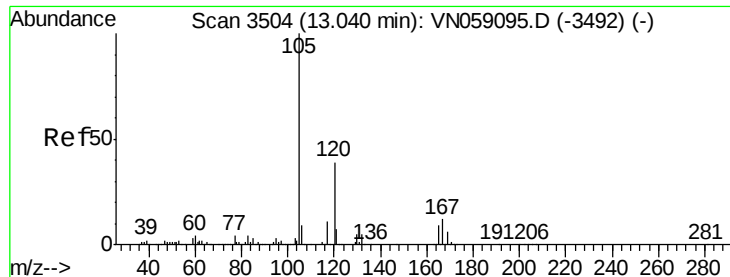
Tot Ion:105 Resp: 2914
 Ion Ratio Lower Upper
 105 100
 120 44.1 24.0 72.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.881 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN059166.D
 Acq: 11 Nov 2019 17:07

Tgt Ion: 75 Resp: 140496
 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: 0.277 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN059166.D

Acq: 11 Nov 2019 17:07

Instrument :

MSVOA_N

ClientSampleId :

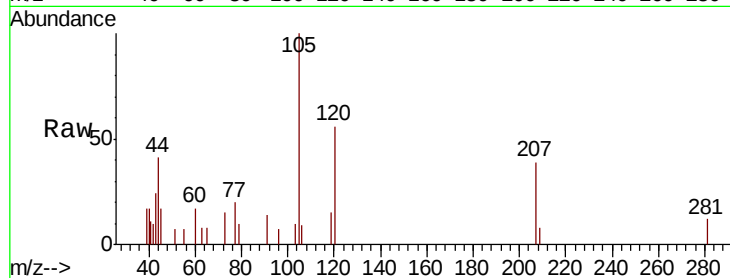
SU-03-110819

Tot Ion:105 Resp: 3855

Ion Ratio Lower Upper

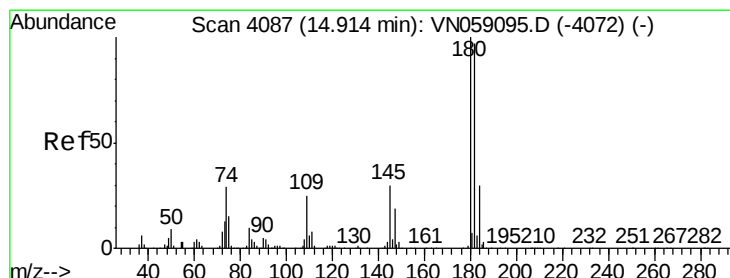
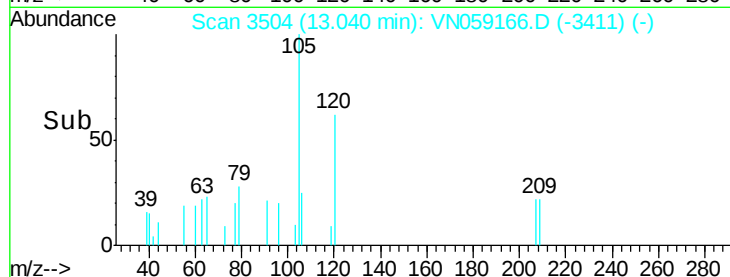
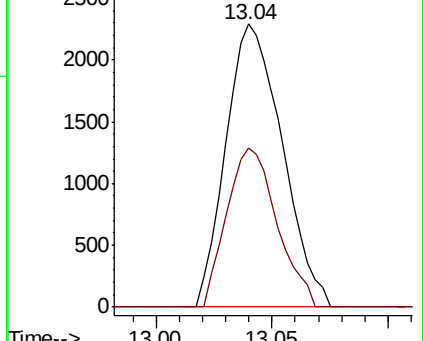
105 100

120 50.2 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#93

1,2,4-Trichlorobenzene

Concen: 3.088 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.00 min

Lab File: VN059166.D

Acq: 11 Nov 2019 17:07

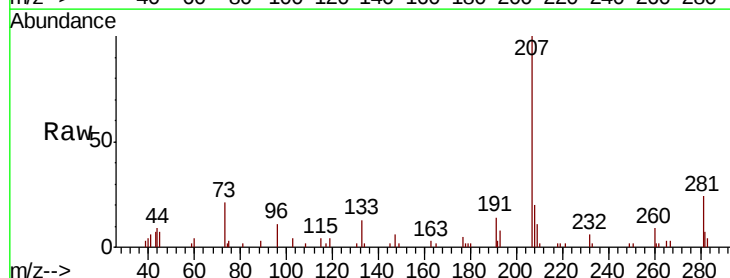
Tgt Ion:180 Resp: 193

Ion Ratio Lower Upper

180 100

182 0.0 48.1 144.3#

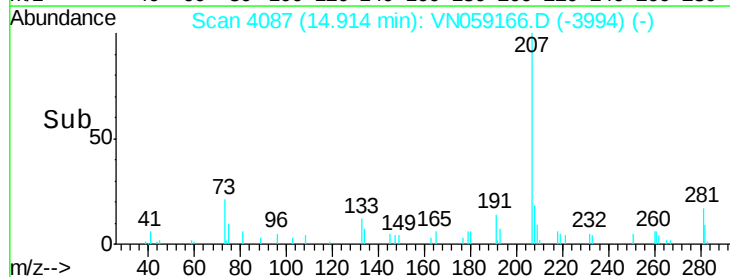
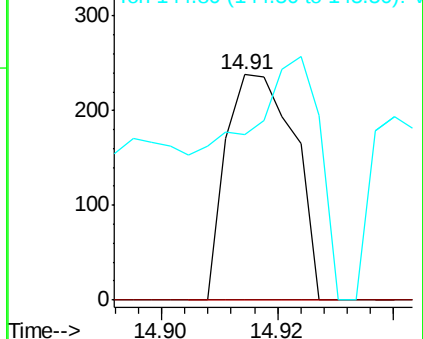
145 88.6 15.1 45.3#

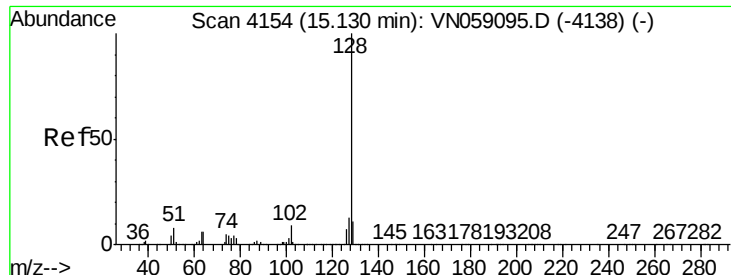


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 4.596 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059166.D

Acq: 11 Nov 2019 17:07

Instrument :

MSVOA_N

ClientSampleId :

SU-03-110819

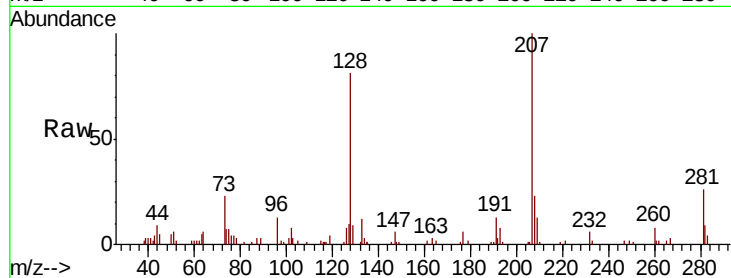
Tot Ion:128 Resp: 19970

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 11.1 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

