

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082720\
 Data File : VX018089.D
 Acq On : 27 Aug 2020 14:20
 Operator : JC/SP
 Sample : VX0827MBL01
 Misc : 5.0µ/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827MBL01

Quant Time: Aug 28 03:02:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	474717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	747557	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	718200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	336271	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	338126	51.31	ug/l	0.00
Spiked Amount			Recovery	=	102.62%	
35) Dibromofluoromethane	5.47	113	269428	52.92	ug/l	0.00
Spiked Amount			Recovery	=	105.84%	
50) Toluene-d8	8.70	98	937841	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	
62) 4-Bromofluorobenzene	11.12	95	336475	45.10	ug/l	0.00
Spiked Amount			Recovery	=	90.20%	

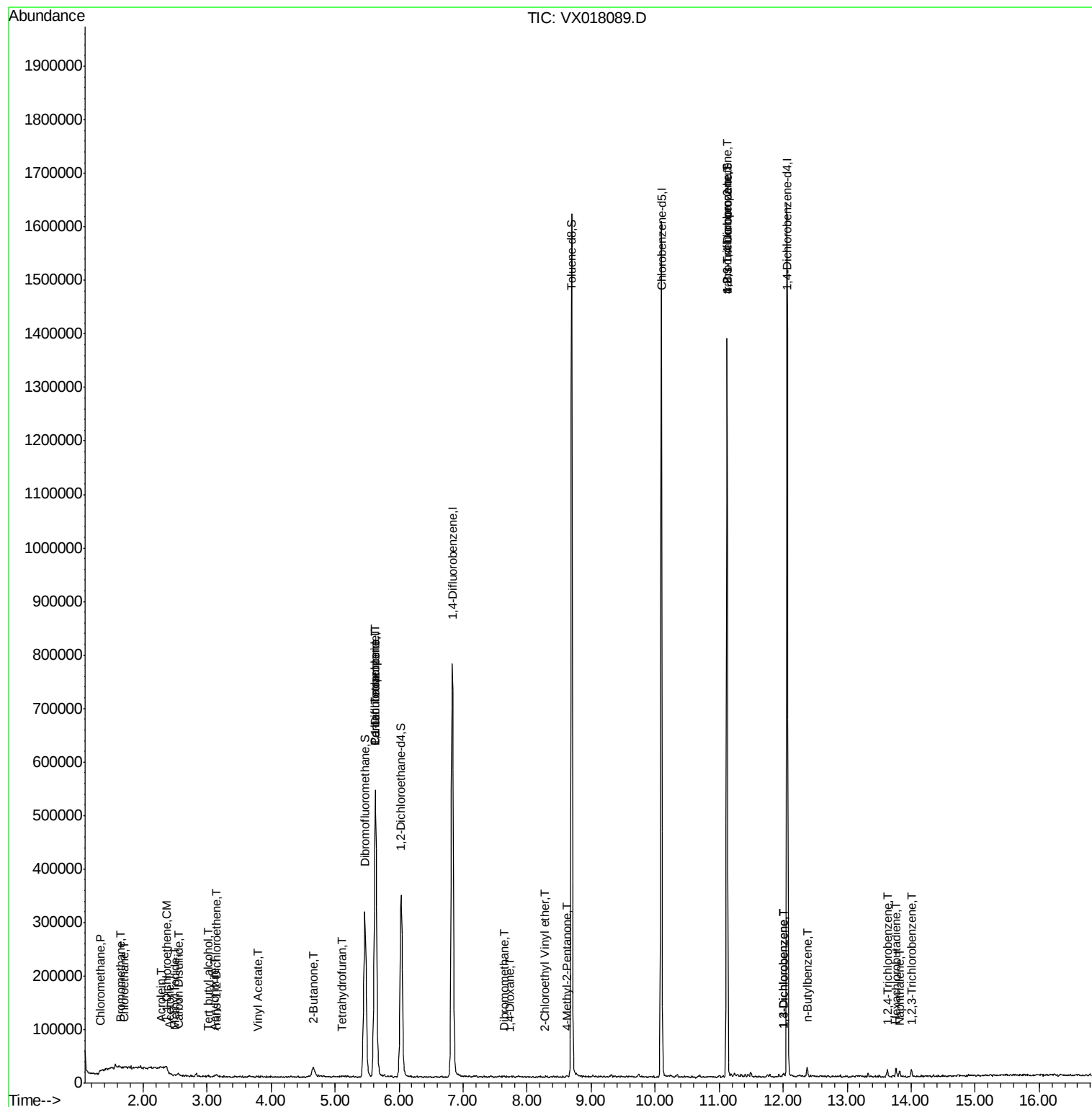
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1319	0.216	ug/l #	43
5) Bromomethane	1.64	94	1123	0.384	ug/l	85
6) Chloroethane	1.70	64	789	0.242	ug/l #	41
10) Methyl Iodide	2.50	142	1761	5.616	ug/l #	62
11) Tert butyl alcohol	3.02	59	936	0.730	ug/l #	71
12) 1,1-Dichloroethene	2.36	96	1611	0.347	ug/l #	42
13) Acrolein	2.28	56	1021	1.922	ug/l #	74
15) Acrylonitrile	3.12	53	1900	0.654	ug/l #	78
16) Acetone	2.42	43	1543	0.601	ug/l #	41
17) Carbon Disulfide	2.54	76	6317	0.450	ug/l	98
20) Methylene Chloride	2.84	84	3311	Below Cal	#	84
21) trans-1,2-Dichloroethene	3.15	96	1618	0.315	ug/l #	51
23) Vinyl Acetate	3.78	43	3088	0.211	ug/l #	73
25) 2-Butanone	4.65	43	1443	0.342	ug/l #	51
29) Tetrahydrofuran	5.11	42	861	0.320	ug/l #	23
36) 1,1-Dichloropropene	5.63	75	38109	5.527	ug/l #	52
38) Carbon Tetrachloride	5.63	117	50490	6.498	ug/l #	17
46) Dibromomethane	7.63	93	1082	0.282	ug/l #	76
49) 1,4-Dioxane	7.73	88	604	5.178	ug/l	92
51) 4-Methyl-2-Pentanone	8.62	43	2116	0.265	ug/l	93
58) 2-Chloroethyl Vinyl ether	8.29	63	832	0.227	ug/l	99
76) 1,2,3-Trichloropropane	11.12	75	174855	23.375	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	174855	63.132	ug/l #	12
87) 1,3-Dichlorobenzene	12.01	146	2507	0.233	ug/l	90
88) 1,4-Dichlorobenzene	12.01	146	2507	0.233	ug/l	89
89) n-Butylbenzene	12.37	91	5261	0.307	ug/l	94
93) 1,2,4-Trichlorobenzene	13.63	180	3275	0.485	ug/l	90
94) Hexachlorobutadiene	13.76	225	2079	0.780	ug/l	88
95) Naphthalene	13.82	128	7081	0.318	ug/l #	84
96) 1,2,3-Trichlorobenzene	14.01	180	3301	0.494	ug/l	93

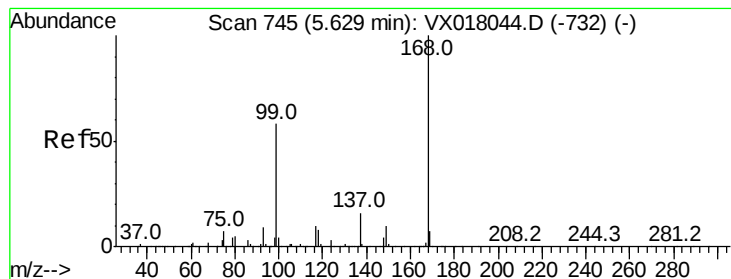
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
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Quant Time: Aug 28 03:02:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018089.D

Acq: 27 Aug 2020 14:20

Instrument :

MSVOA_X

ClientSampleId :

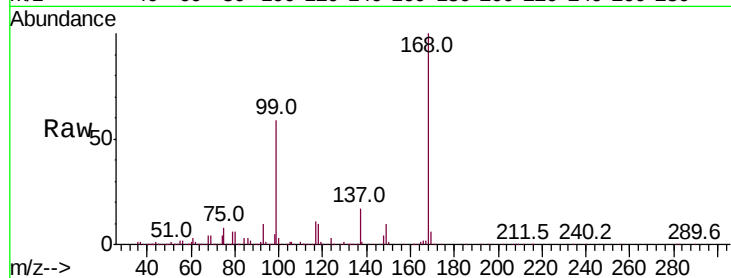
VX0827MBL01

Tot Ion:168 Resp: 474717

Ion Ratio Lower Upper

168 100

99 59.2 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

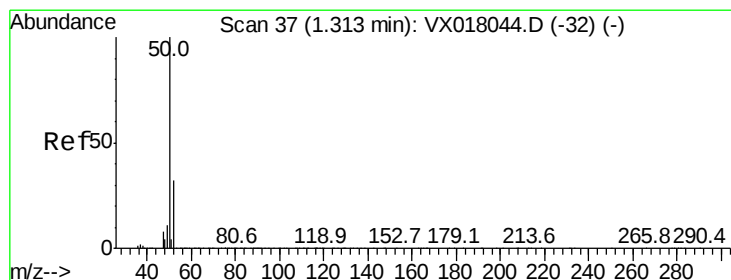
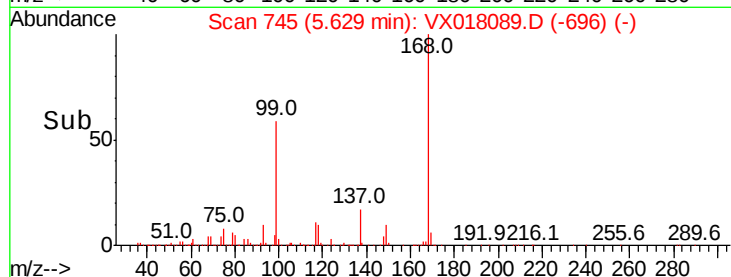
100000

50000

0

Time-->

5.50 5.60 5.70



#3

Chloromethane

Concen: 0.216 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX018089.D

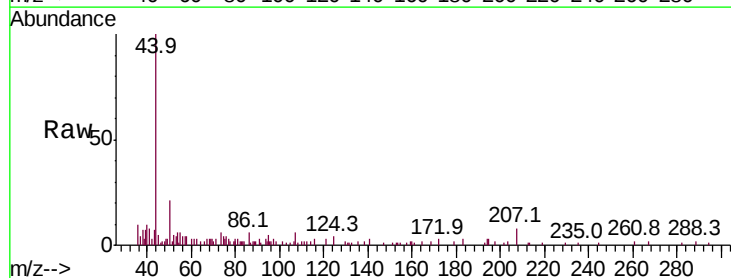
Acq: 27 Aug 2020 14:20

Tgt Ion: 50 Resp: 1319

Ion Ratio Lower Upper

50 100

52 0.0 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1200

1000

800

600

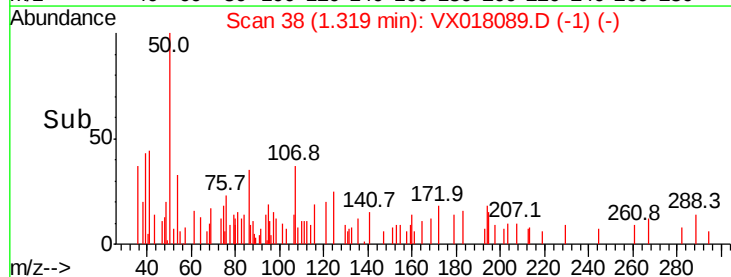
400

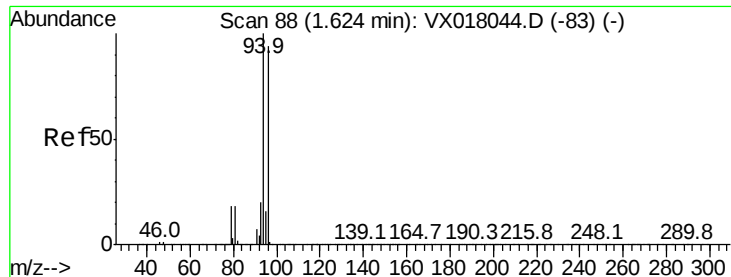
200

0

Time-->

1.25 1.30 1.35





#5

Bromomethane

Concen: 0.384 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX018089.D

Acq: 27 Aug 2020 14:20

Instrument :

MSVOA_X

ClientSampleId :

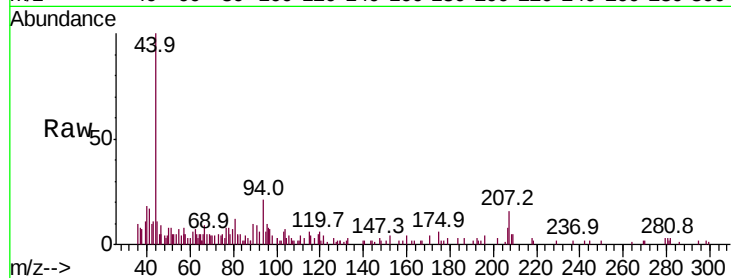
VX0827MBL01

Tot Ion: 94 Resp: 1123

Ion Ratio Lower Upper

94 100

96 78.7 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

800

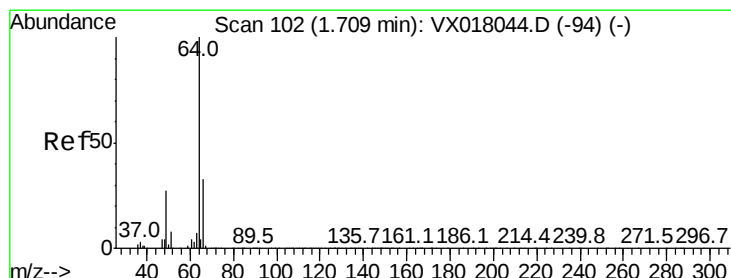
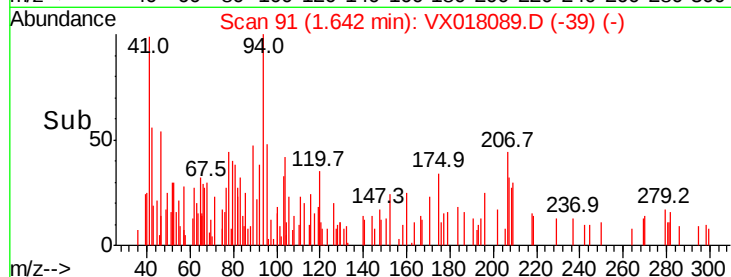
600

400

200

0

Time-->



#6

Chloroethane

Concen: 0.242 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018089.D

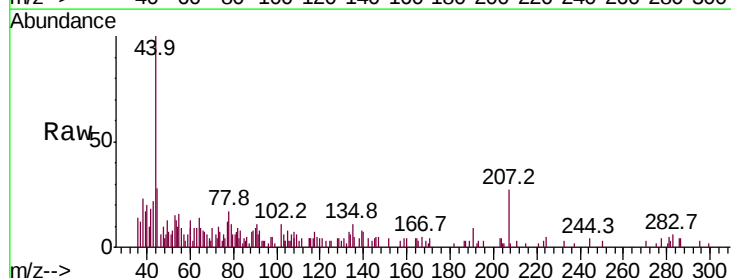
Acq: 27 Aug 2020 14:20

Tgt Ion: 64 Resp: 789

Ion Ratio Lower Upper

64 100

66 0.0 26.6 39.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

500

400

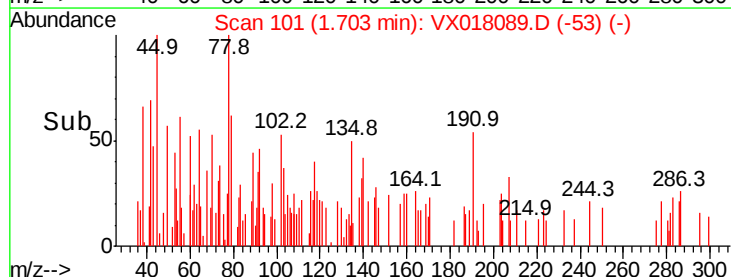
300

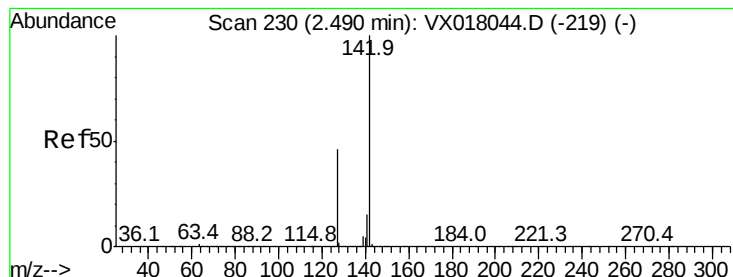
200

100

0

Time-->





#10

Methyl Iodide

Concen: 5.616 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX018089.D

Acq: 27 Aug 2020 14:20

Instrument :

MSVOA_X

ClientSampled :

VX0827MBL01

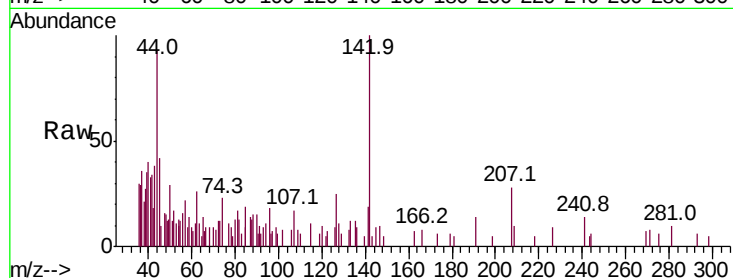
Tot Ion:142 Resp: 1761

Ion Ratio Lower Upper

142 100

127 15.8 37.0 55.6#

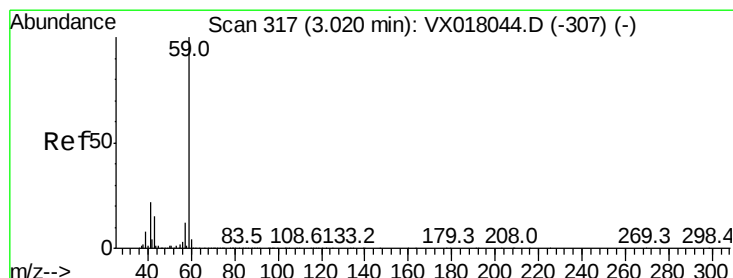
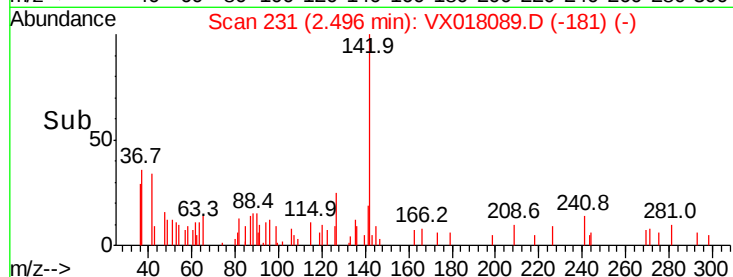
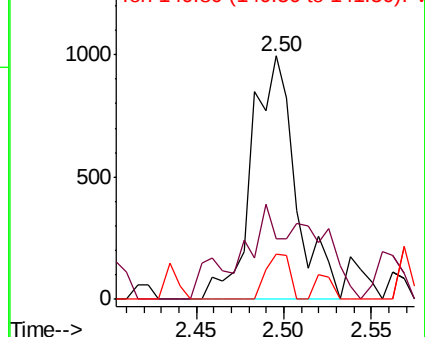
141 10.1 11.5 17.3#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#11

Tert butyl alcohol

Concen: 0.730 ug/l

RT: 3.02 min Scan# 317

Delta R.T. -0.00 min

Lab File: VX018089.D

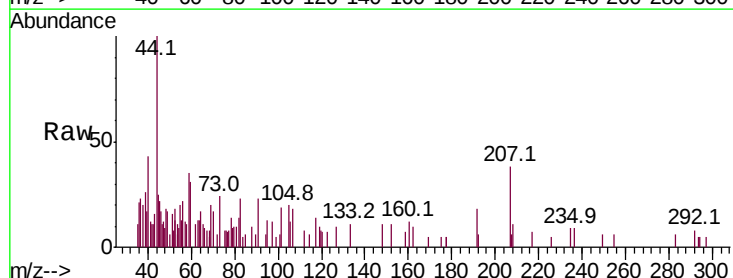
Acq: 27 Aug 2020 14:20

Tgt Ion: 59 Resp: 936

Ion Ratio Lower Upper

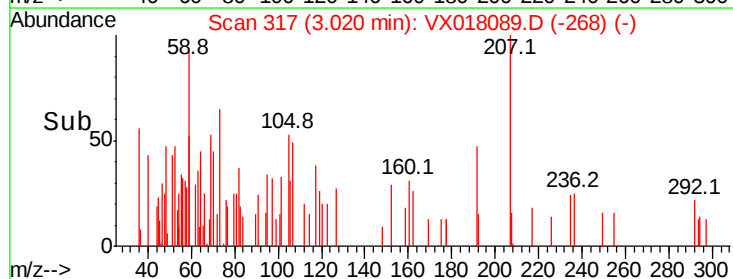
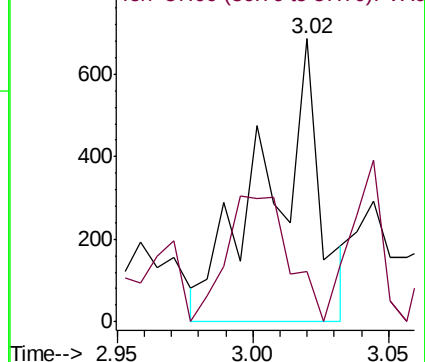
59 100

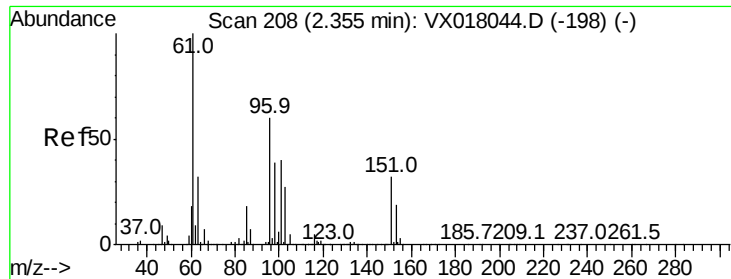
57 0.0 8.9 13.3#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 0.347 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX018089.D

Acq: 27 Aug 2020 14:20

Instrument :

MSVOA_X

ClientSampleId :

VX0827MBL01

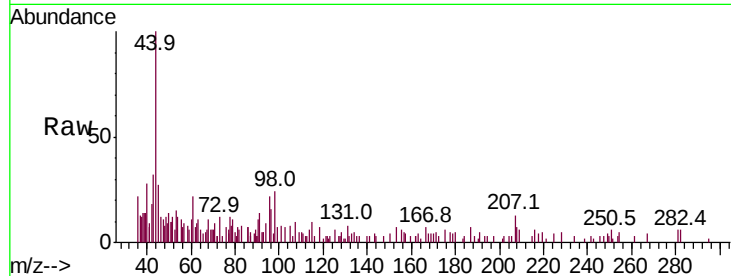
Tot Ion: 96 Resp: 1611

Ion Ratio Lower Upper

96 100

61 58.7 133.0 199.4#

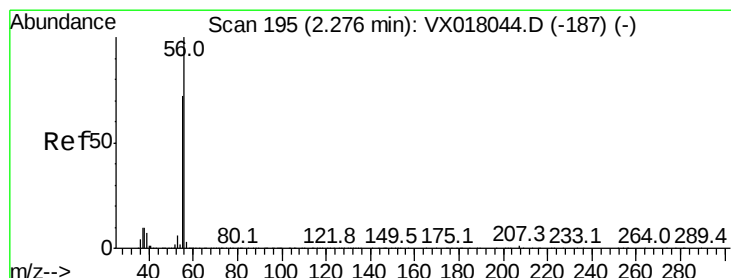
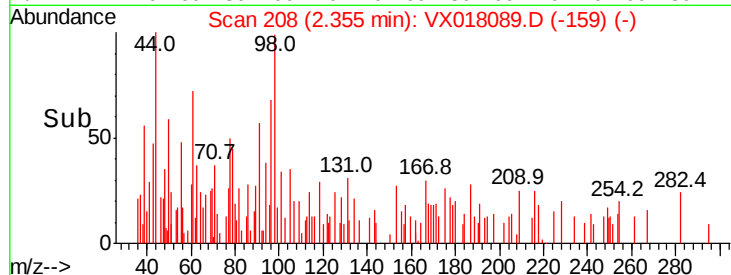
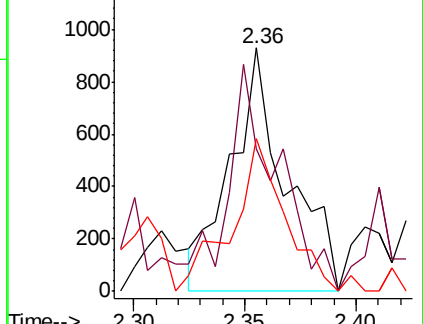
98 62.9 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#13

Acrolein

Concen: 1.922 ug/l

RT: 2.28 min Scan# 196

Delta R.T. 0.01 min

Lab File: VX018089.D

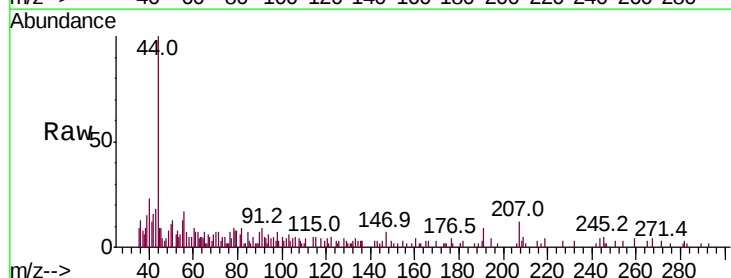
Acq: 27 Aug 2020 14:20

Tgt Ion: 56 Resp: 1021

Ion Ratio Lower Upper

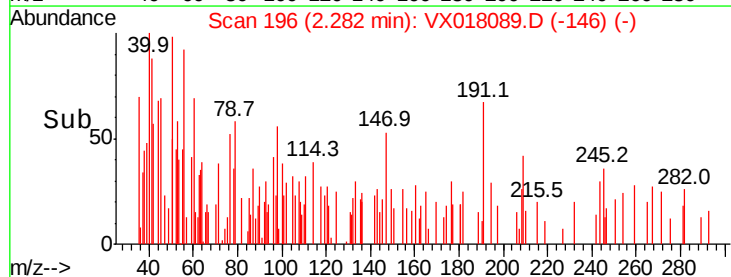
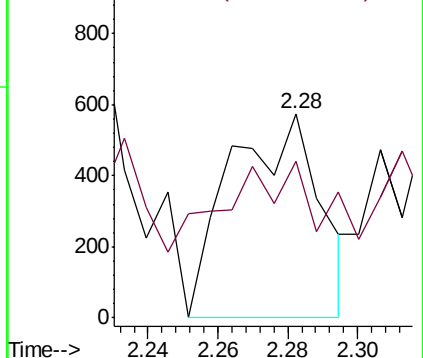
56 100

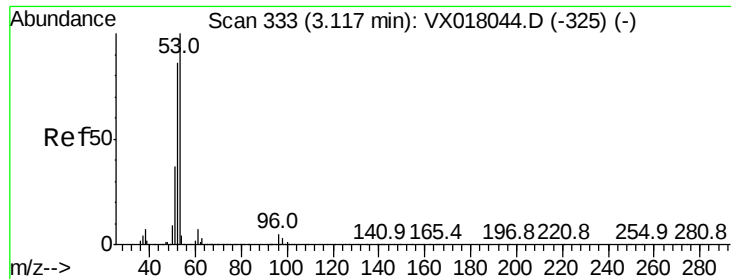
55 49.6 57.0 85.6#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#15

Acrylonitrile

Concen: 0.654 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX018089.D

Acq: 27 Aug 2020 14:20

Instrument :

MSVOA_X

ClientSampleId :

VX0827MBL01

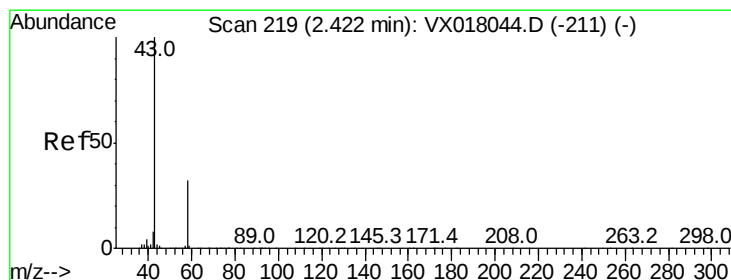
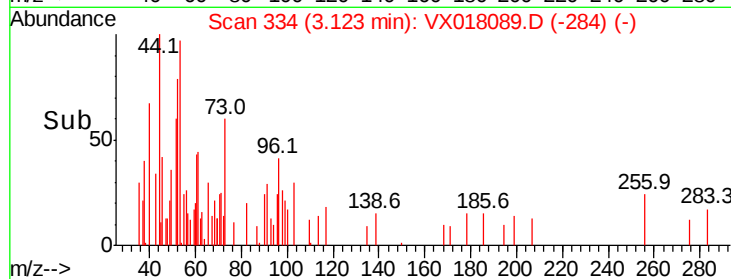
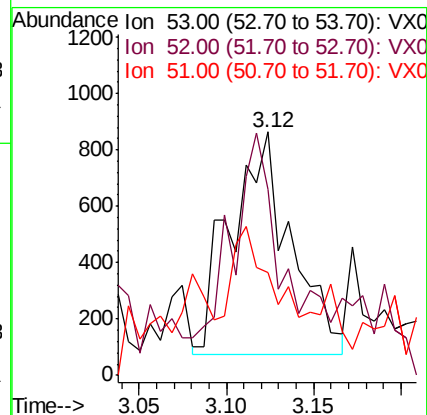
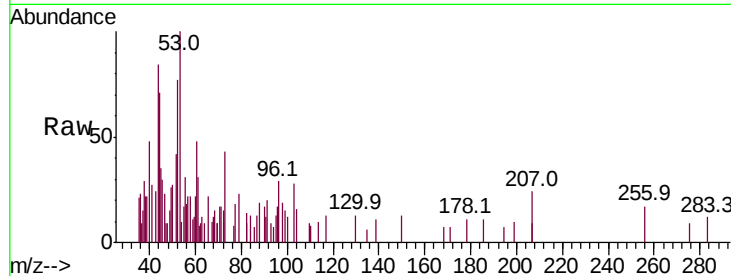
Tot Ion: 53 Resp: 1900

Ion Ratio Lower Upper

53 100

52 67.3 66.9 100.3

51 54.5 28.7 43.1#



#16

Acetone

Concen: 0.601 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018089.D

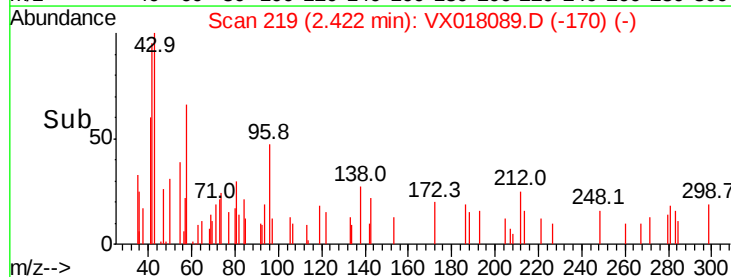
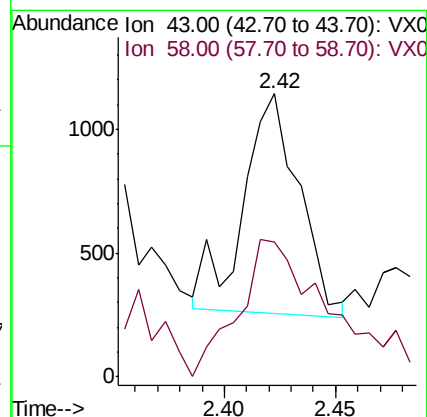
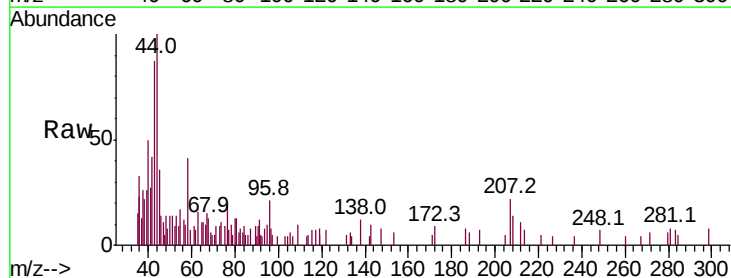
Acq: 27 Aug 2020 14:20

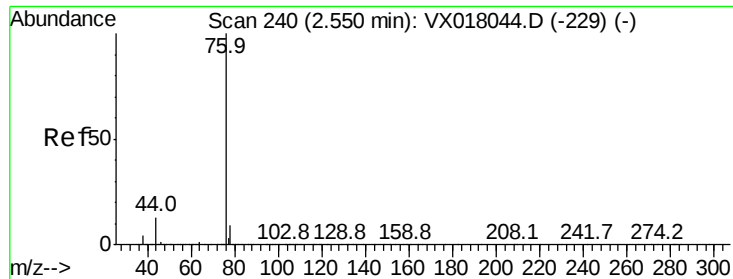
Tgt Ion: 43 Resp: 1543

Ion Ratio Lower Upper

43 100

58 64.6 25.5 38.3#





#17

Carbon Disulfide

Concen: 0.450 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

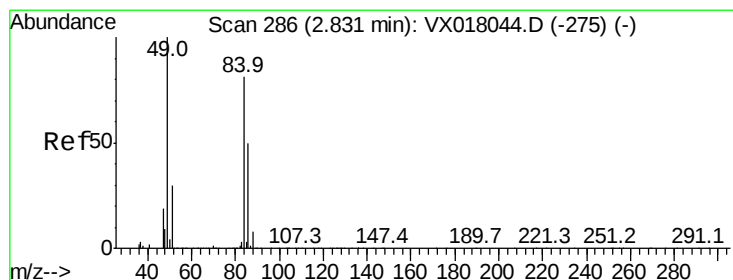
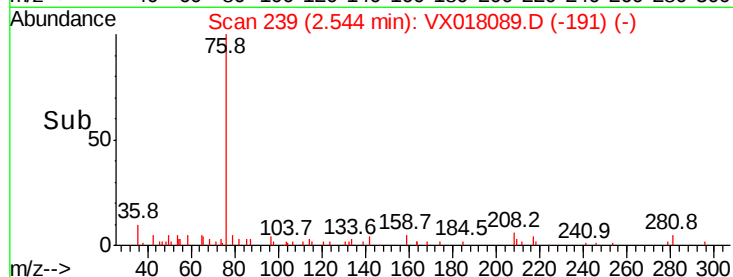
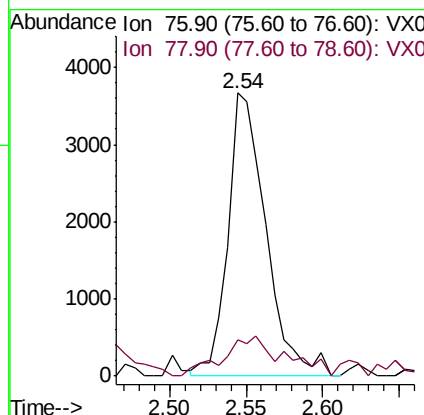
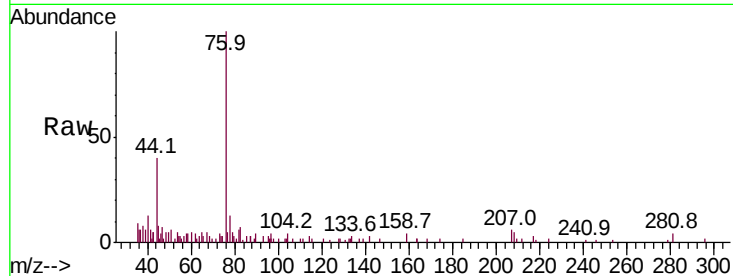
Lab File: VX018089.D

Acq: 27 Aug 2020 14:20

Instrument :
MSVOA_X
ClientSampleId :
VX0827MBL01

Tot Ion: 76 Resp: 6317

Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.4	11.0



#20

Methylene Chloride

Concen: Below Cal

RT: 2.84 min Scan# 287

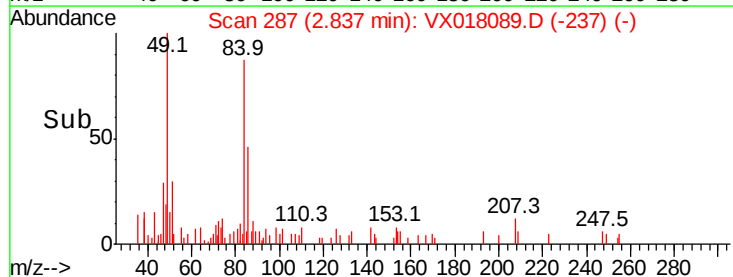
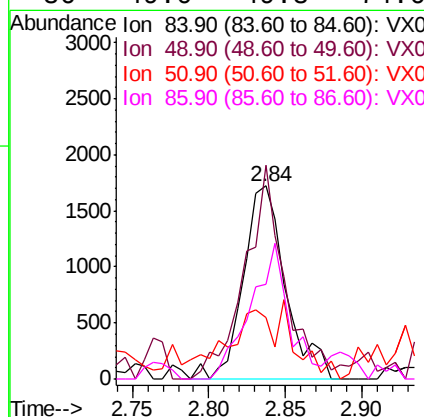
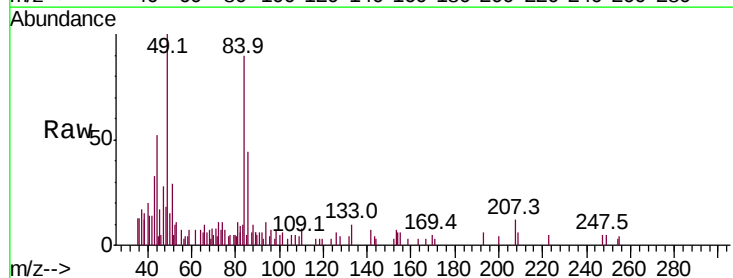
Delta R.T. 0.01 min

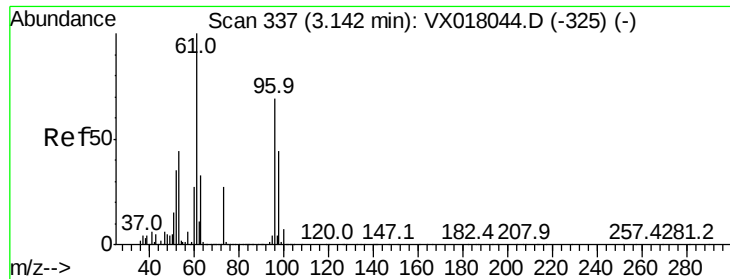
Lab File: VX018089.D

Acq: 27 Aug 2020 14:20

Tgt Ion: 84 Resp: 3311

Ion	Ratio	Lower	Upper
84	100		
49	103.2	98.6	148.0
51	31.8	29.6	44.4
86	49.0	49.8	74.6#





#21

trans-1,2-Dichloroethene

Concen: 0.315 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX018089.D

Acq: 27 Aug 2020 14:20

Instrument :

MSVOA_X

ClientSampled :

VX0827MBL01

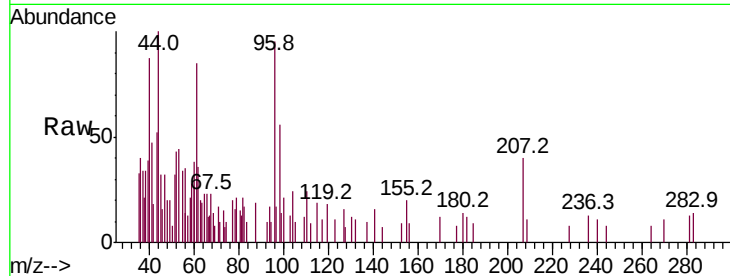
Tot Ion: 96 Resp: 1618

Ion Ratio Lower Upper

96 100

61 59.9 115.4 173.0#

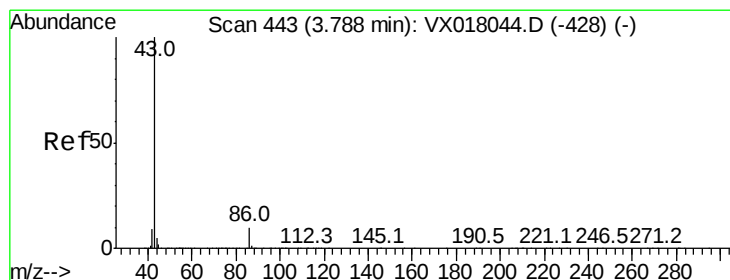
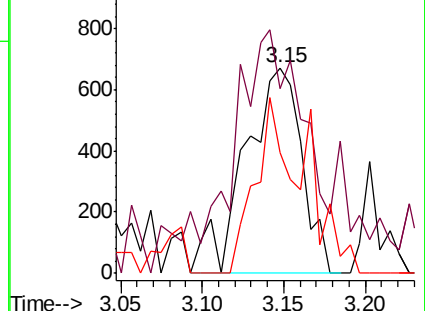
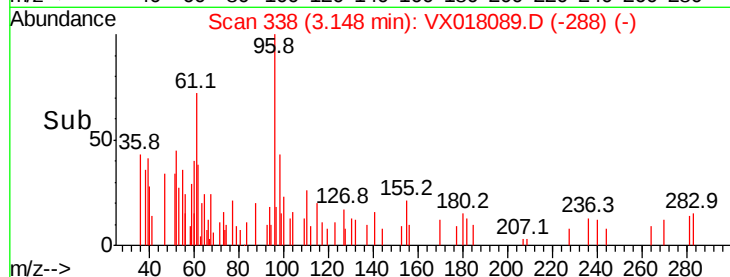
98 59.0 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#23

Vinyl Acetate

Concen: 0.211 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018089.D

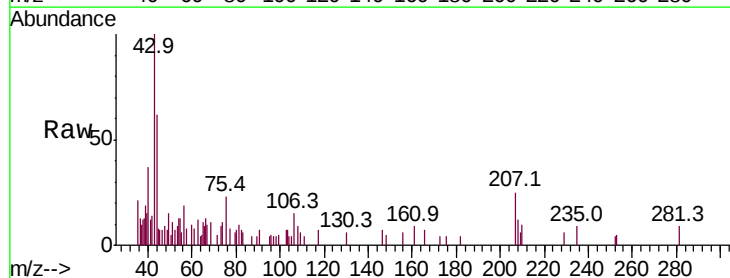
Acq: 27 Aug 2020 14:20

Tgt Ion: 43 Resp: 3088

Ion Ratio Lower Upper

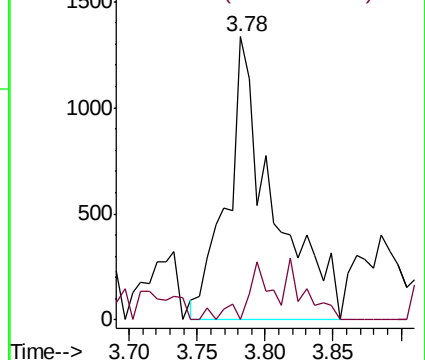
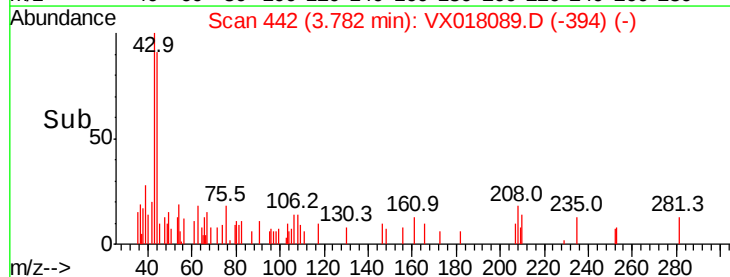
43 100

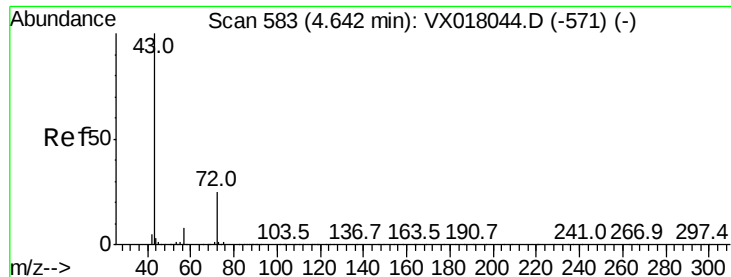
86 0.0 7.9 11.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

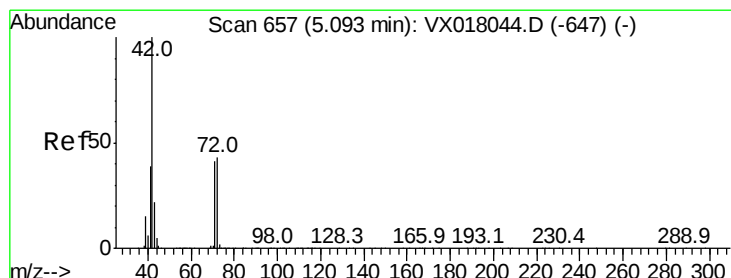
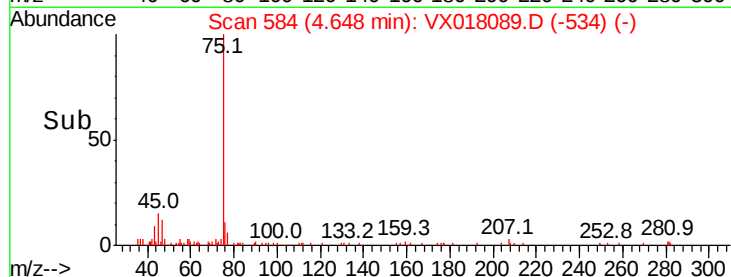
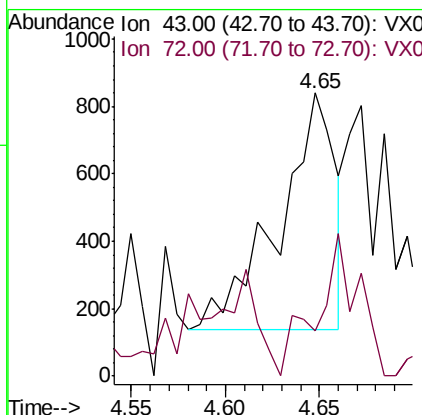
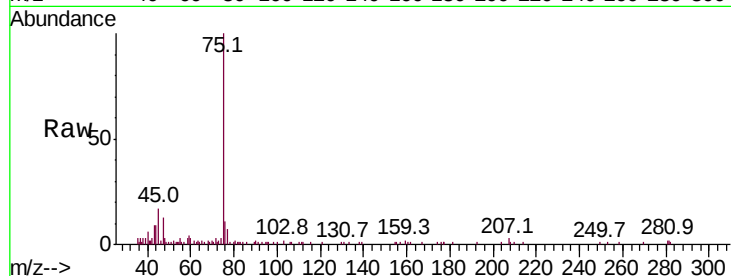




#25
2-Butanone
Concen: 0.342 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX018089.D
Acq: 27 Aug 2020 14:20

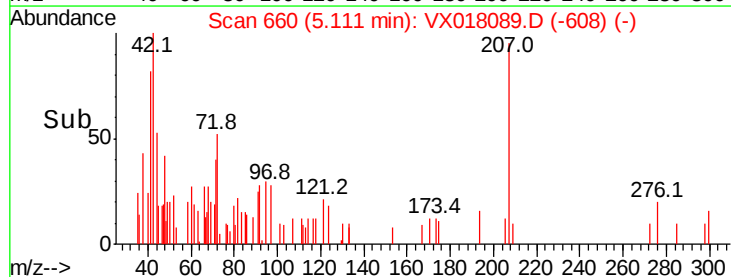
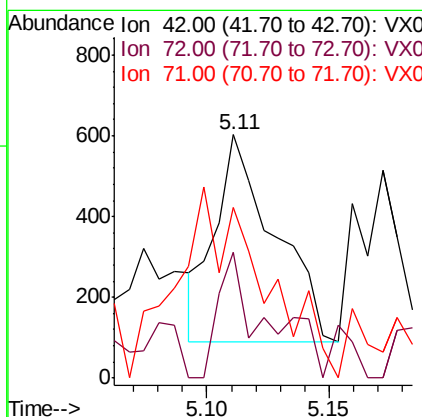
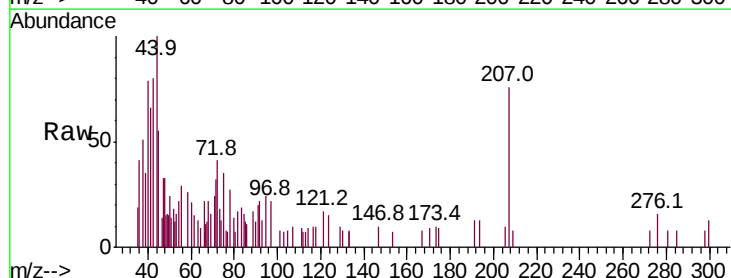
Instrument :
MSVOA_X
ClientSampleId :
VX0827MBL01

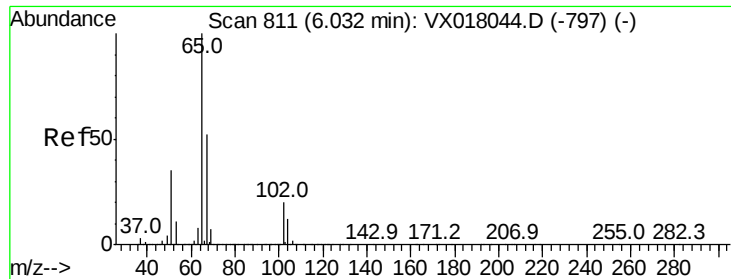
Tot Ion: 43 Resp: 1443
Ion Ratio Lower Upper
43 100
72 0.0 19.8 29.6#



#29
Tetrahydrofuran
Concen: 0.320 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX018089.D
Acq: 27 Aug 2020 14:20

Tgt Ion: 42 Resp: 861
Ion Ratio Lower Upper
42 100
72 37.4 34.2 51.4
71 133.2 32.1 48.1#

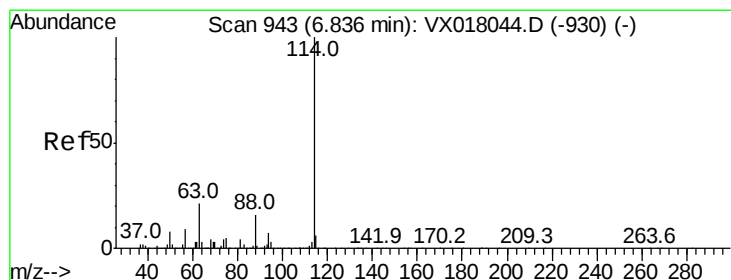
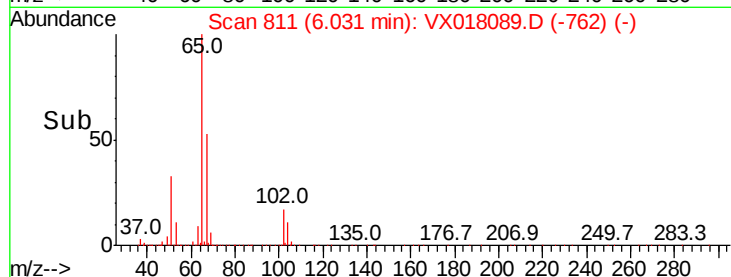
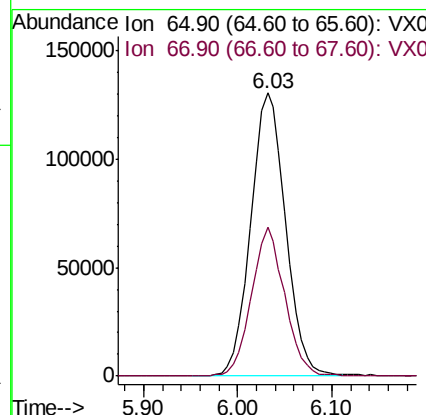
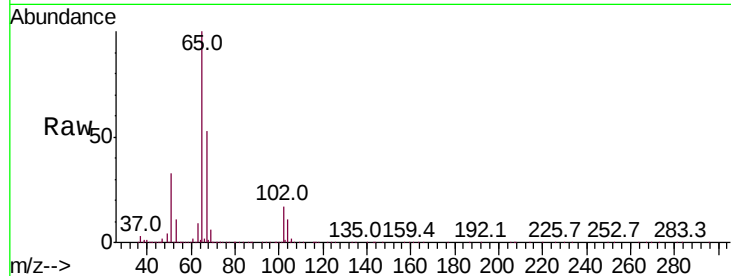




#33
 1,2-Dichloroethane-d4
 Concen: 51.307 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018089.D
 Acq: 27 Aug 2020 14:20

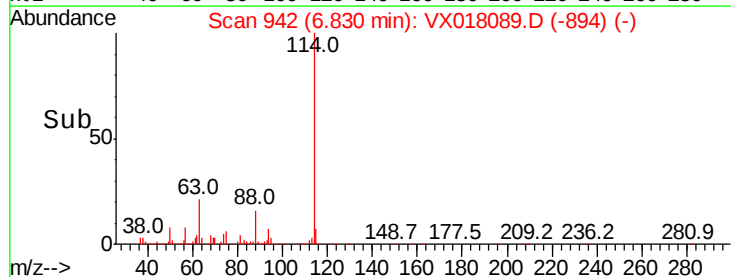
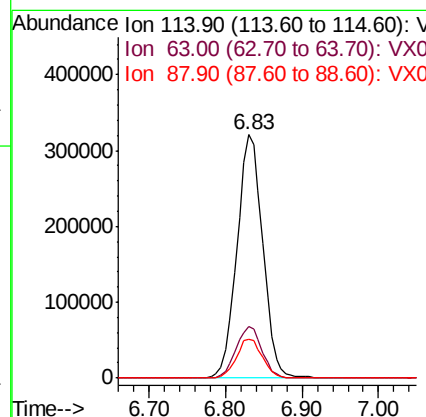
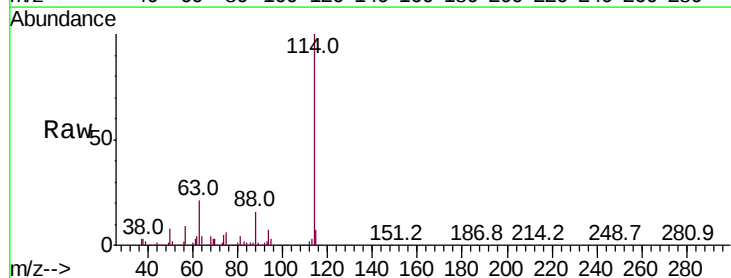
Instrument :
 MSVOA_X
 ClientSampled :
 VX0827MBL01

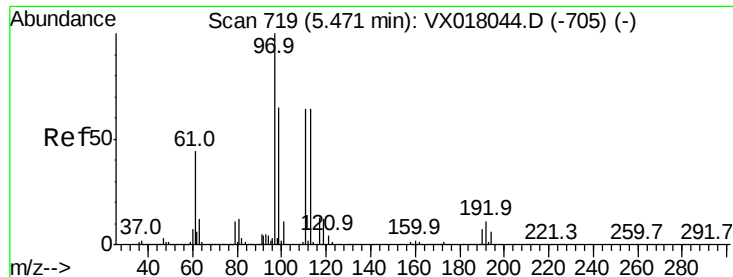
Tot Ion: 65 Resp: 338126
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018089.D
 Acq: 27 Aug 2020 14:20

Tgt Ion: 114 Resp: 747557
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.6
 88 16.0 0.0 31.8

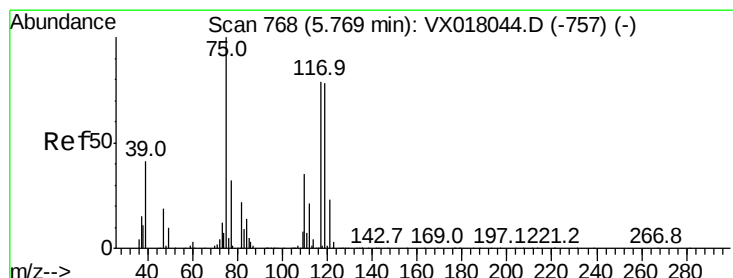
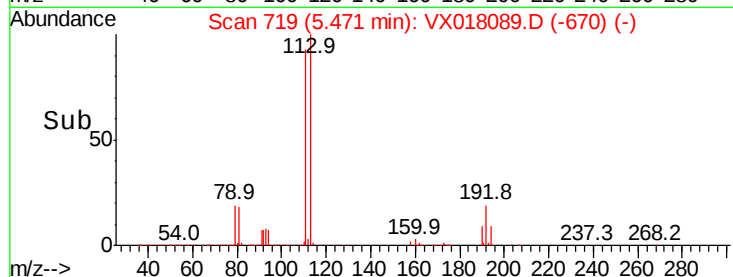
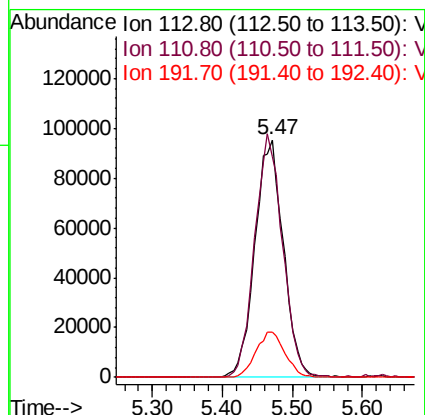
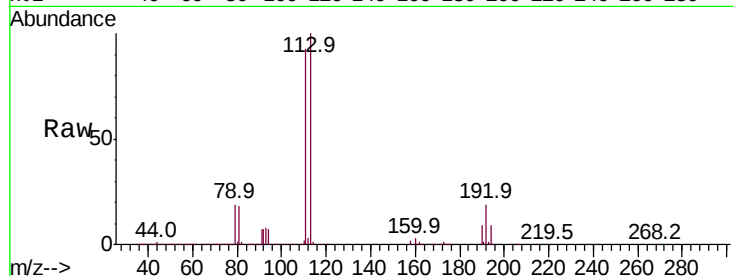




#35
 Dibromofluoromethane
 Concen: 52.920 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX018089.D
 Acq: 27 Aug 2020 14:20

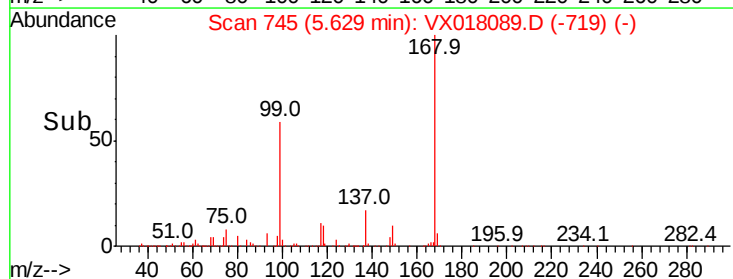
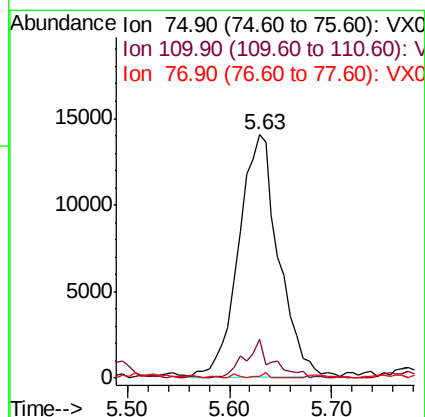
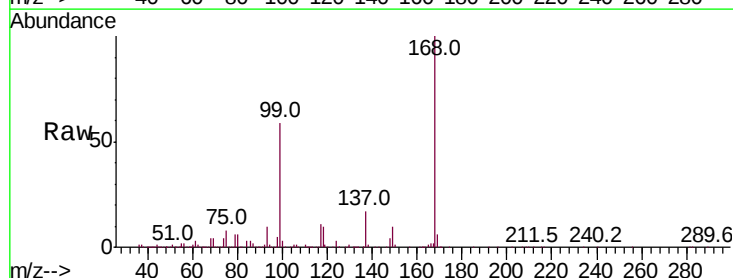
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827MBL01

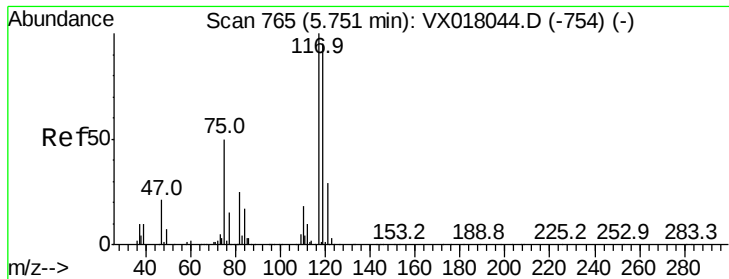
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.6	81.6	122.4
192	19.6	15.8	23.8



#36
 1,1-Dichloropropene
 Concen: 5.527 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX018089.D
 Acq: 27 Aug 2020 14:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.0	18.0	54.0#
77	0.5	24.4	36.6#

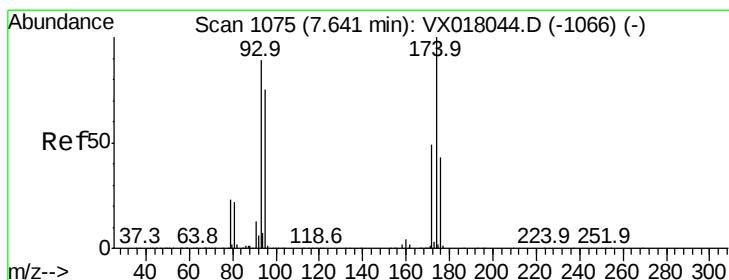
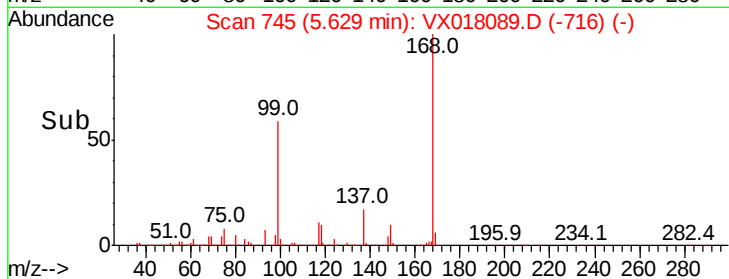
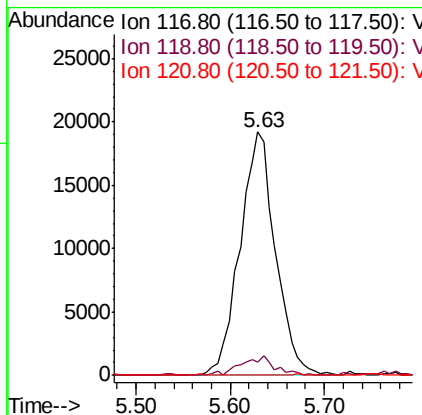
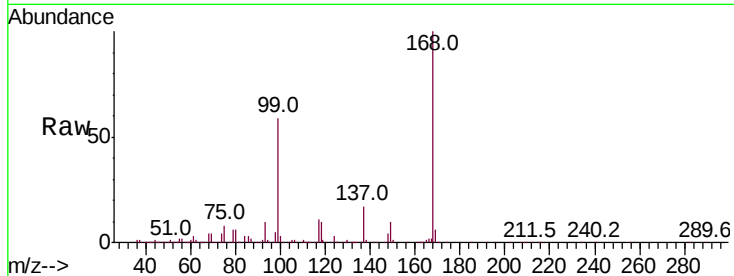




#38
Carbon Tetrachloride
Concen: 6.498 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX018089.D
Acq: 27 Aug 2020 14:20

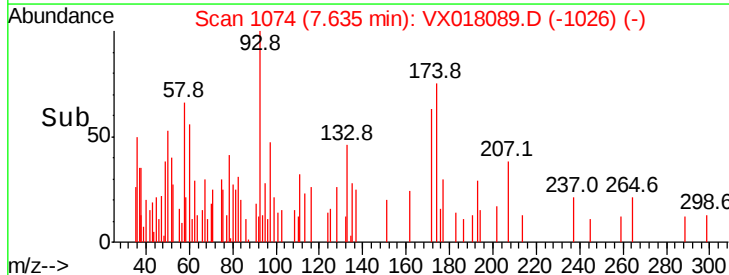
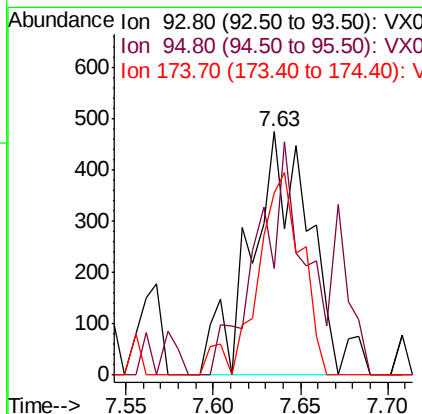
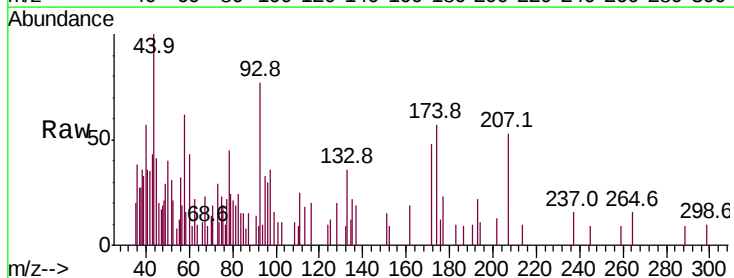
Instrument :
MSVOA_X
ClientSampled :
VX0827MBL01

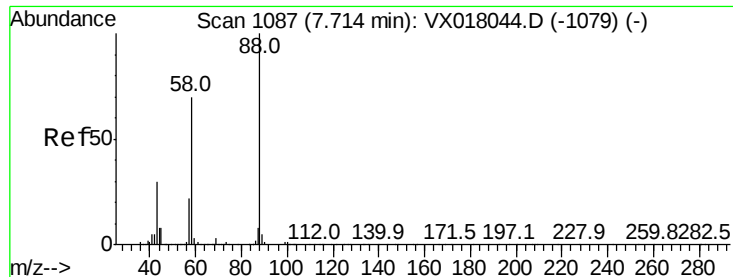
Tot Ion:117 Resp: 50490
Ion Ratio Lower Upper
117 100
119 5.6 75.8 113.6#
121 0.0 23.4 35.0#



#46
Dibromomethane
Concen: 0.282 ug/l
RT: 7.63 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VX018089.D
Acq: 27 Aug 2020 14:20

Tgt Ion: 93 Resp: 1082
Ion Ratio Lower Upper
93 100
95 77.2 67.3 100.9
174 64.5 82.2 123.2#





#49

1,4-Dioxane

Concen: 5.178 ug/l

RT: 7.73 min Scan# 1090

Delta R.T. 0.02 min

Lab File: VX018089.D

Acq: 27 Aug 2020 14:20

Instrument :

MSVOA_X

ClientSampleId :

VX0827MBL01

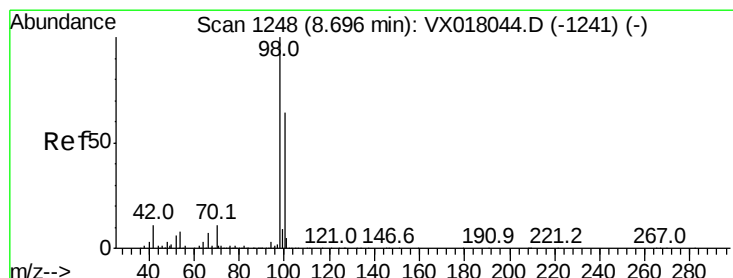
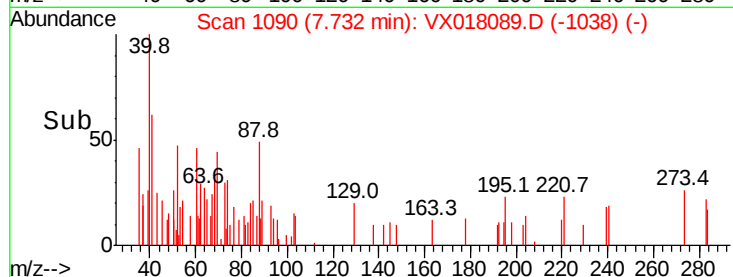
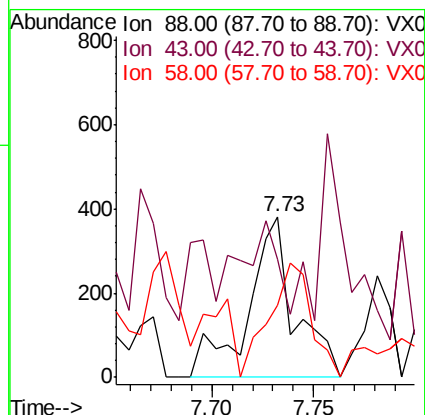
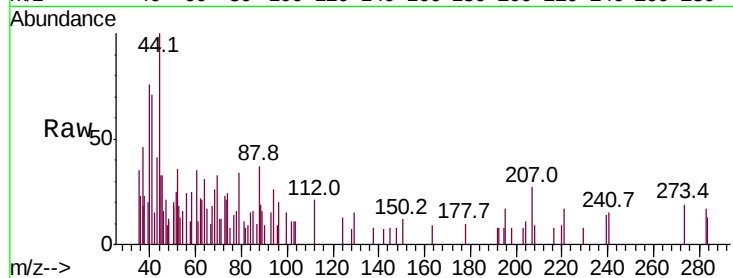
Tot Ion: 88 Resp: 604

Ion Ratio Lower Upper

88 100

43 28.3 27.4 41.0

58 64.4 56.4 84.6



#50

Toluene-d8

Concen: 49.458 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018089.D

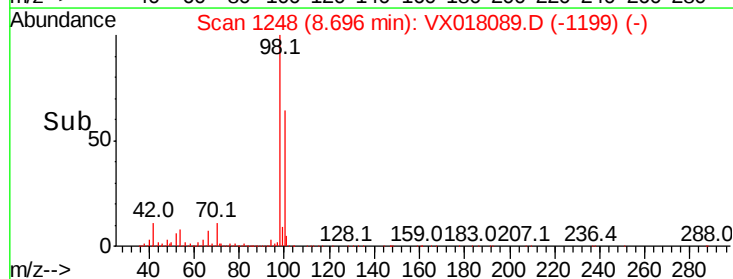
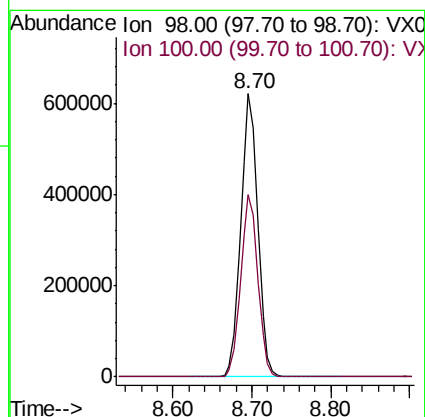
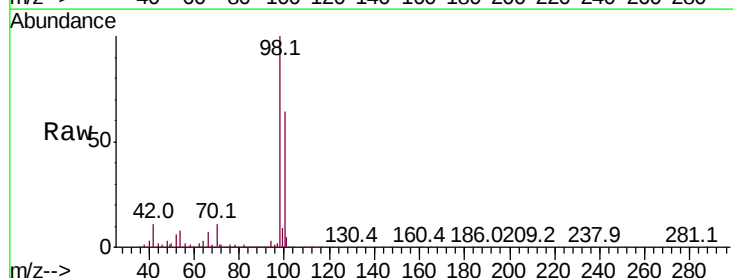
Acq: 27 Aug 2020 14:20

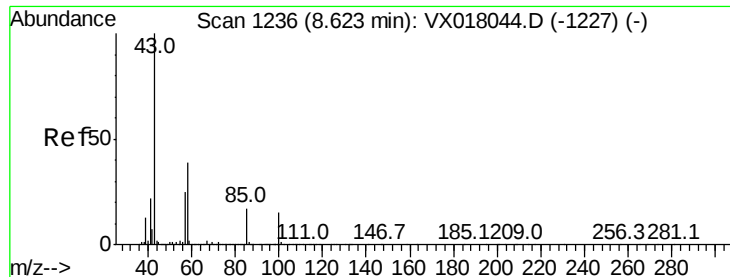
Tgt Ion: 98 Resp: 937841

Ion Ratio Lower Upper

98 100

100 64.5 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 0.265 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

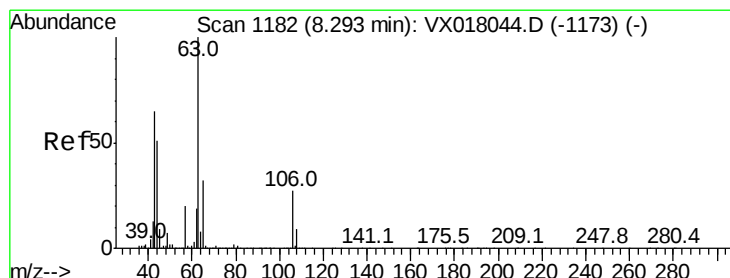
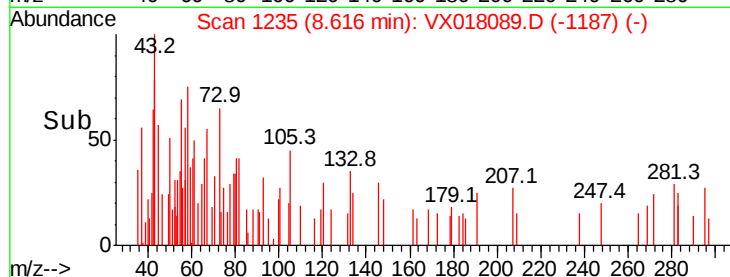
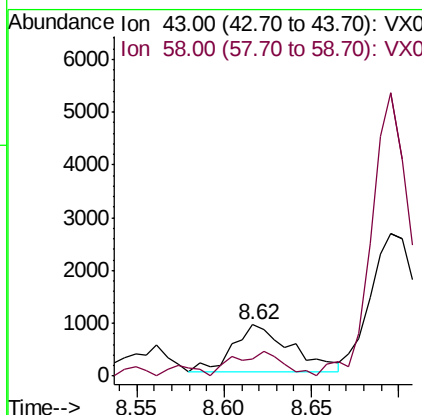
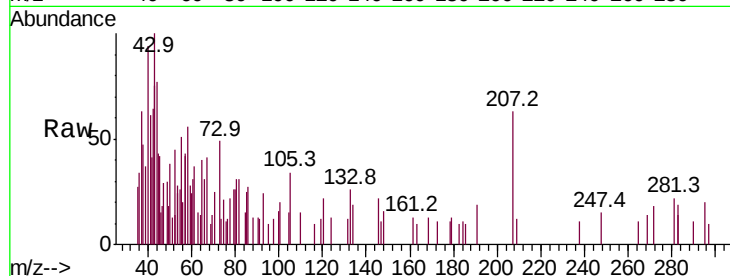
Lab File: VX018089.D

Acq: 27 Aug 2020 14:20

Instrument :
MSVOA_X
ClientSampleId :
VX0827MBL01

Tot Ion: 43 Resp: 2116

Ion	Ratio	Lower	Upper
43	100		
58	42.4	30.7	46.1



#58

2-Chloroethyl Vinyl ether

Concen: 0.227 ug/l

RT: 8.29 min Scan# 1181

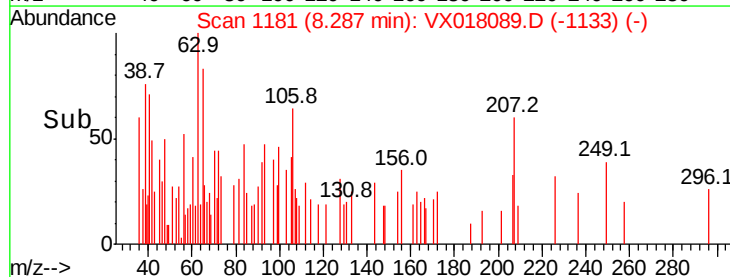
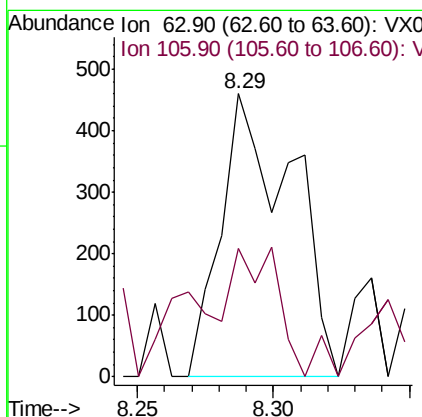
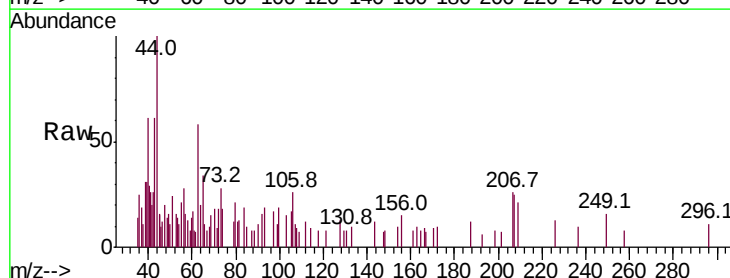
Delta R.T. -0.01 min

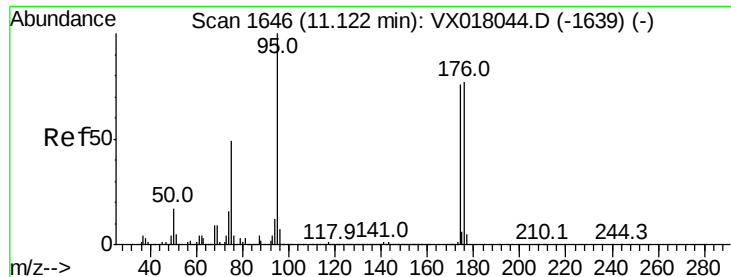
Lab File: VX018089.D

Acq: 27 Aug 2020 14:20

Tgt Ion: 63 Resp: 832

Ion	Ratio	Lower	Upper
63	100		
106	27.9	22.1	33.1

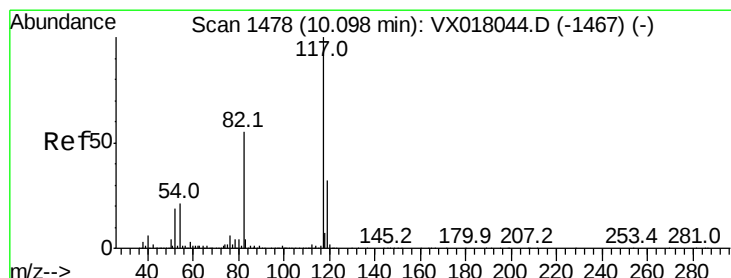
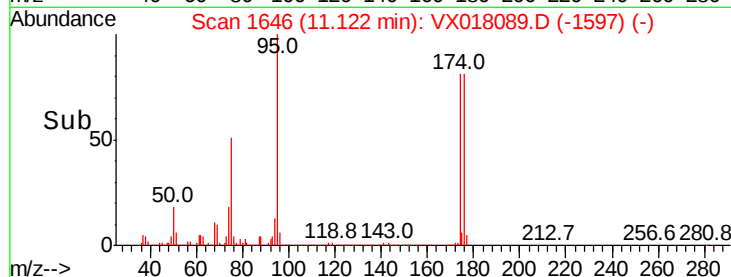
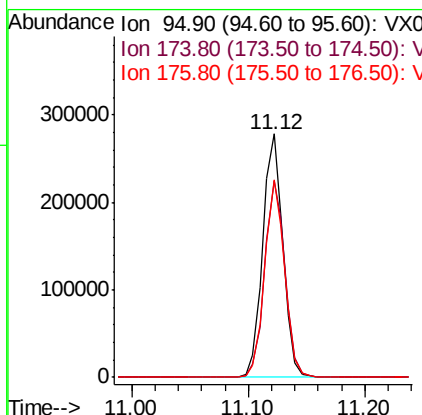
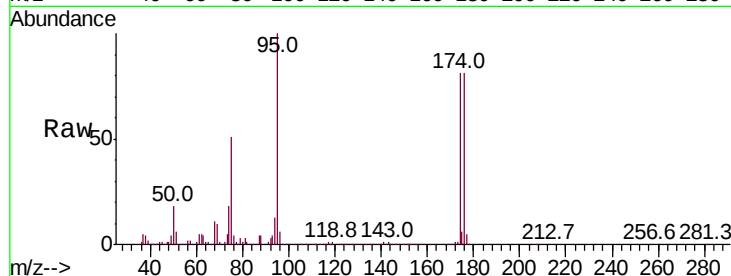




#62
4-Bromofluorobenzene
Concen: 45.100 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018089.D
Acq: 27 Aug 2020 14:20

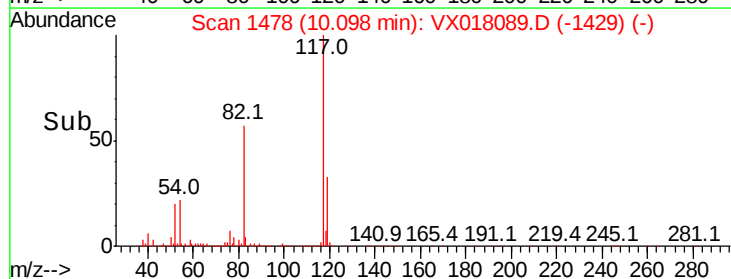
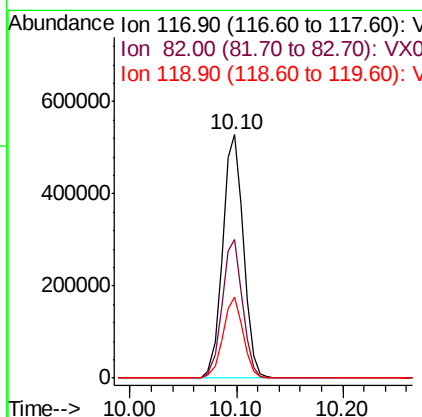
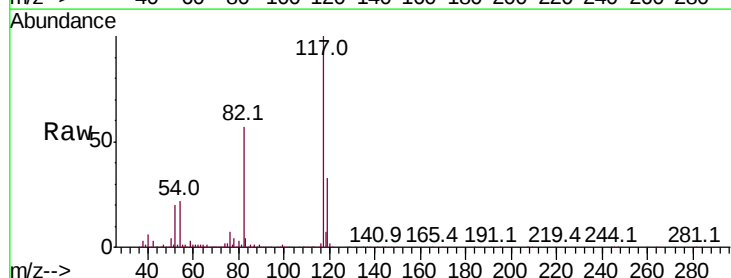
Instrument :
MSVOA_X
ClientSampleId :
VX0827MBL01

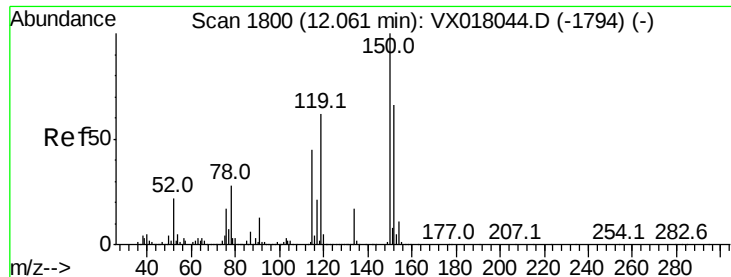
Tot Ion	Ratio	Lower	Upper
95	100		
174	81.8	0.0	160.2
176	80.4	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018089.D
Acq: 27 Aug 2020 14:20

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.7	44.2	66.2
119	33.2	25.7	38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018089.D

Acq: 27 Aug 2020 14:20

Instrument :

MSVOA_X

ClientSampleId :

VX0827MBL01

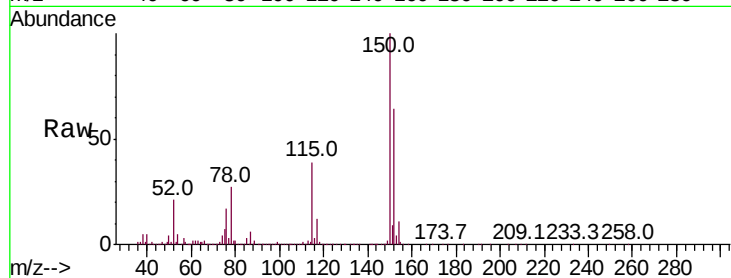
Tot Ion:152 Resp: 336271

Ion Ratio Lower Upper

152 100

115 58.5 41.5 124.5

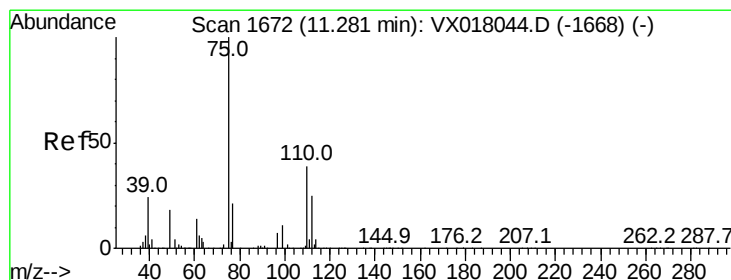
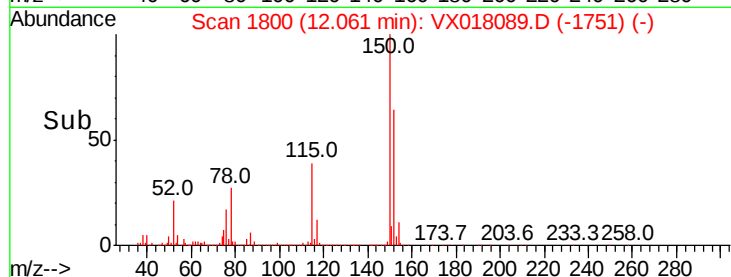
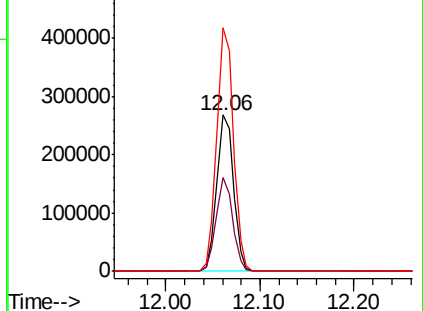
150 153.5 0.0 343.8



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



#76

1,2,3-Trichloropropane

Concen: 23.375 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018089.D

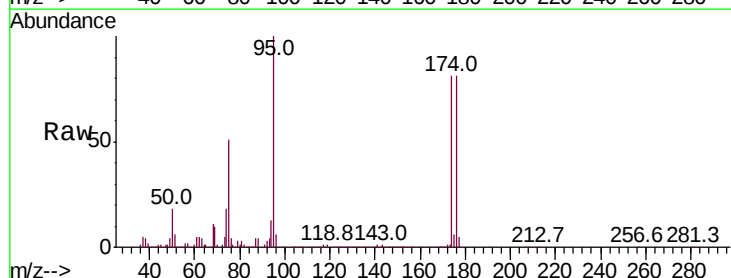
Acq: 27 Aug 2020 14:20

Tgt Ion: 75 Resp: 174855

Ion Ratio Lower Upper

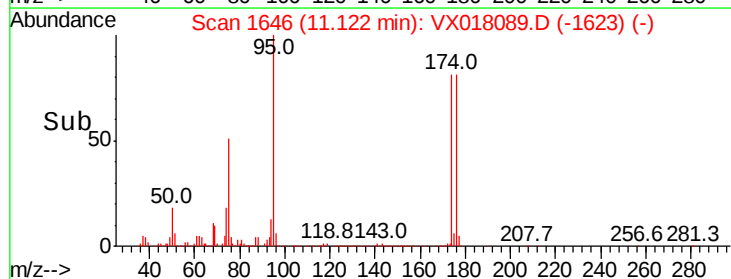
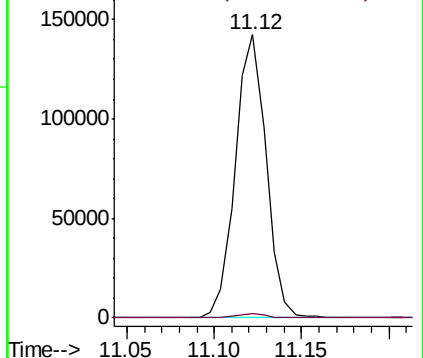
75 100

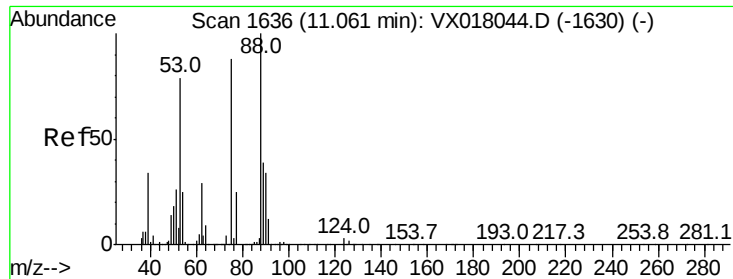
77 1.6 20.8 62.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 63.132 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX018089.D

Acq: 27 Aug 2020 14:20

Instrument :

MSVOA_X

ClientSampleId :

VX0827MBL01

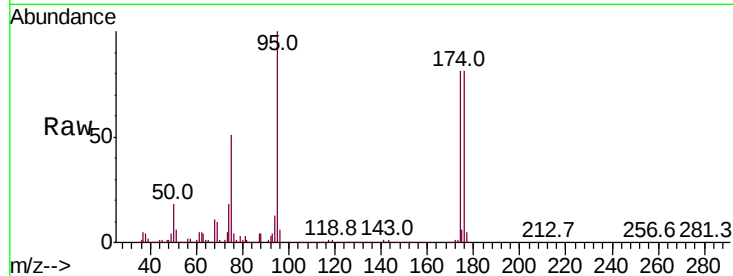
Tot Ion: 75 Resp: 174855

Ion Ratio Lower Upper

75 100

53 0.3 74.7 112.1#

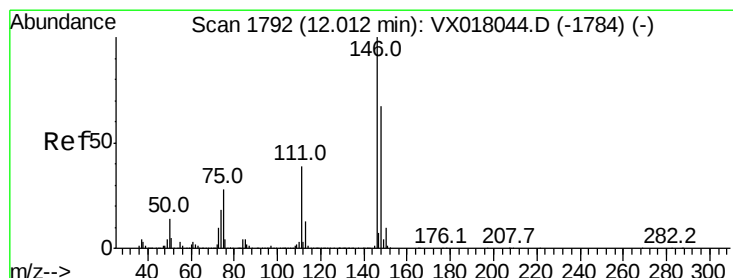
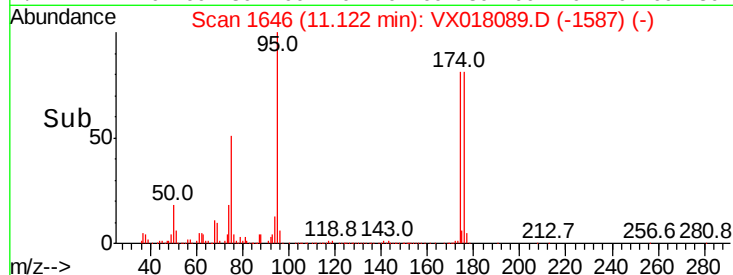
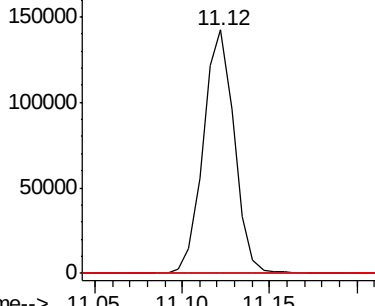
89 0.0 36.6 54.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#87

1,3-Dichlorobenzene

Concen: 0.233 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018089.D

Acq: 27 Aug 2020 14:20

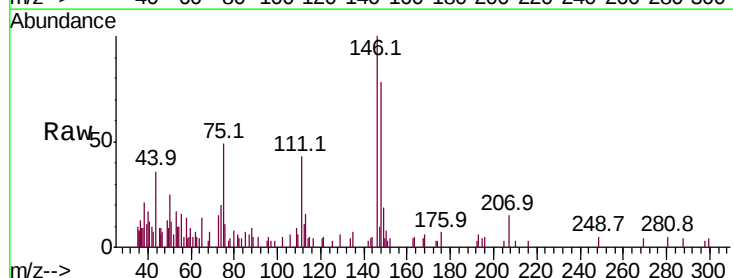
Tgt Ion: 146 Resp: 2507

Ion Ratio Lower Upper

146 100

111 53.0 20.6 61.8

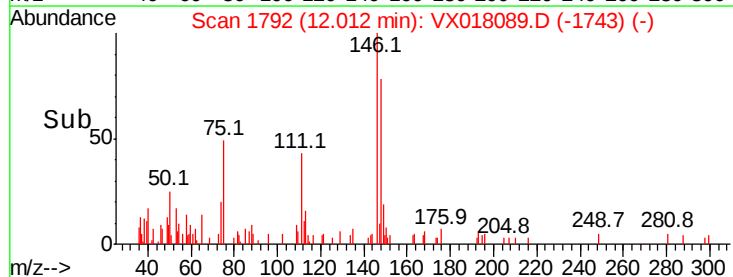
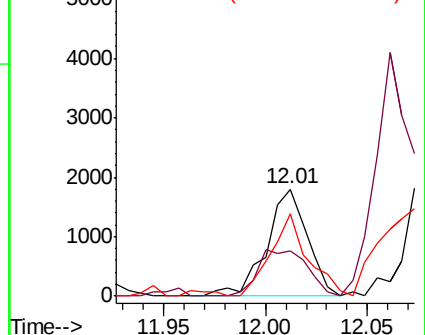
148 69.8 33.1 99.2

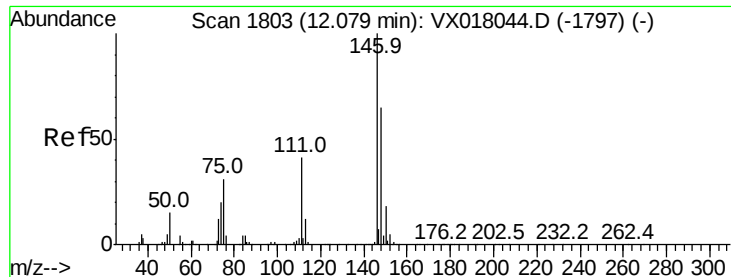


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 0.233 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.07 min

Lab File: VX018089.D

Acq: 27 Aug 2020 14:20

Instrument :

MSVOA_X

ClientSampled :

VX0827MBL01

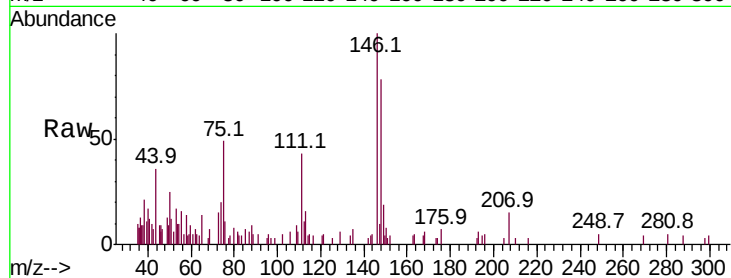
Tot Ion:146 Resp: 2507

Ion Ratio Lower Upper

146 100

111 53.0 20.3 60.8

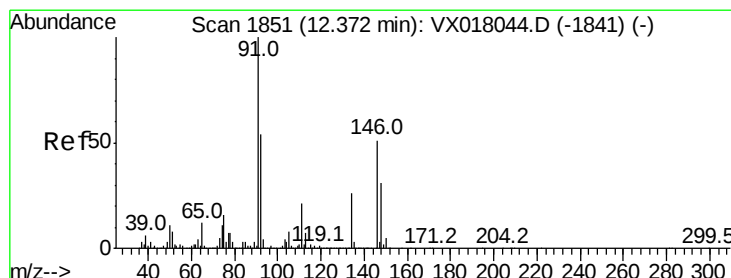
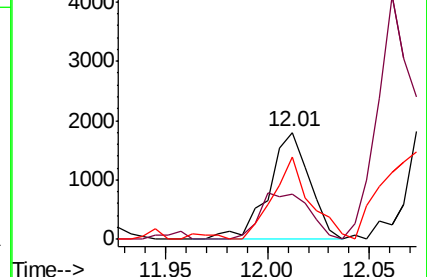
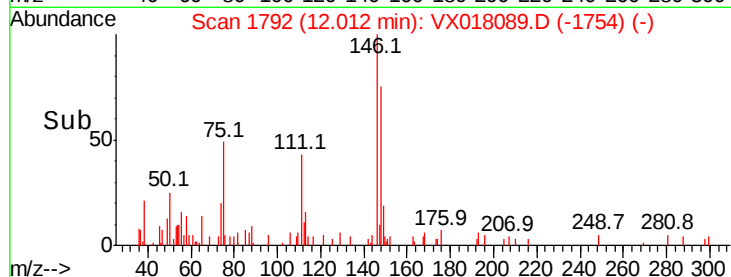
148 69.8 33.1 99.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.307 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX018089.D

Acq: 27 Aug 2020 14:20

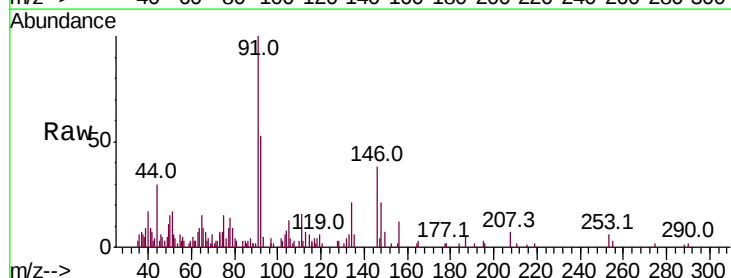
Tgt Ion: 91 Resp: 5261

Ion Ratio Lower Upper

91 100

92 56.1 26.4 79.2

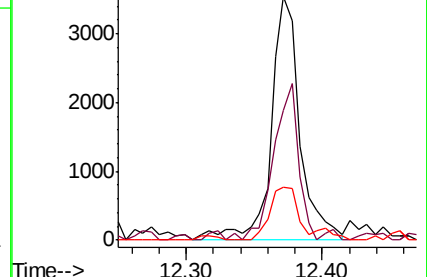
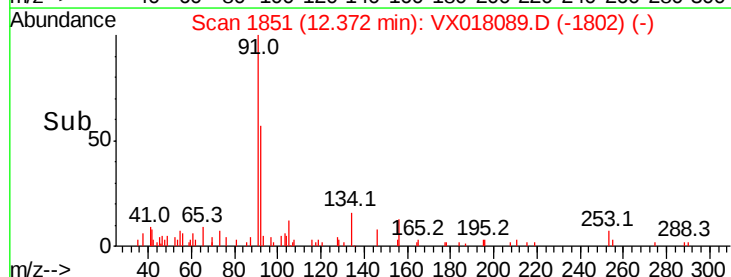
134 21.7 12.9 38.7

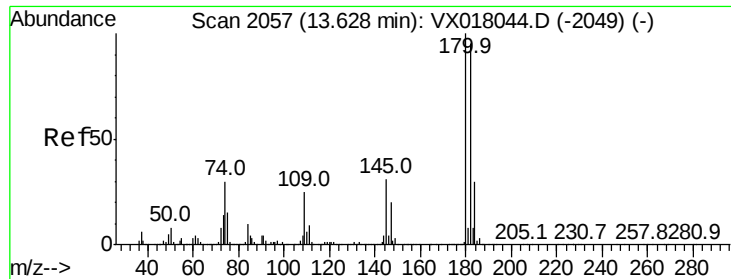


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#93

1,2,4-Trichlorobenzene

Concen: 0.485 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX018089.D

Acq: 27 Aug 2020 14:20

Instrument :

MSVOA_X

ClientSampleId :

VX0827MBL01

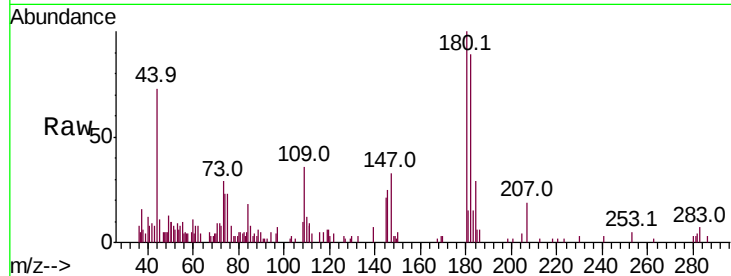
Tot Ion:180 Resp: 3275

Ion Ratio Lower Upper

180 100

182 86.9 47.5 142.6

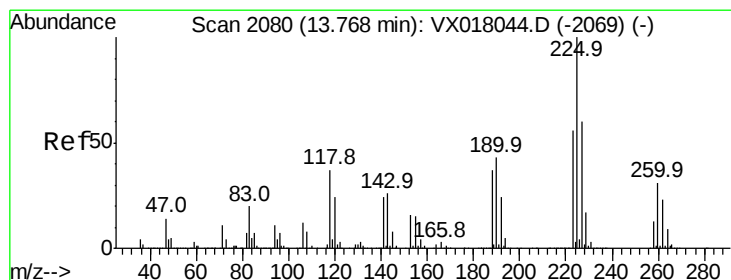
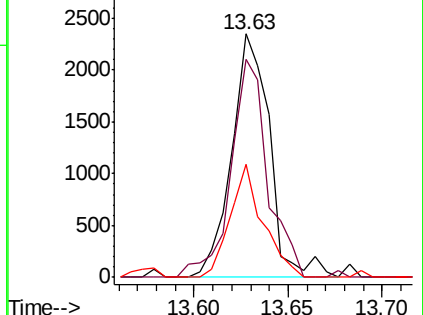
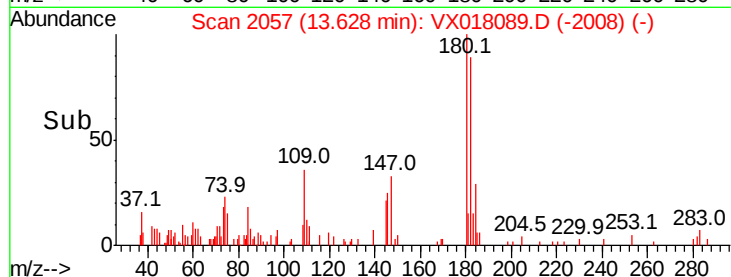
145 40.3 15.7 47.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 0.780 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX018089.D

Acq: 27 Aug 2020 14:20

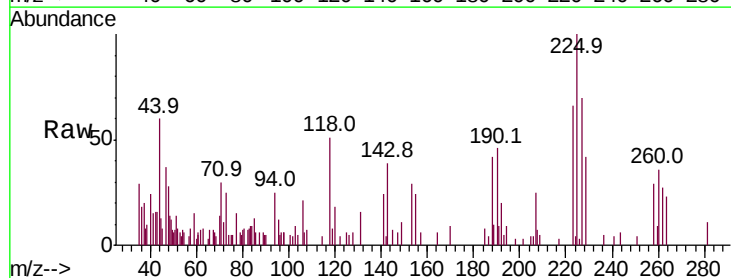
Tgt Ion:225 Resp: 2079

Ion Ratio Lower Upper

225 100

223 67.6 30.7 92.1

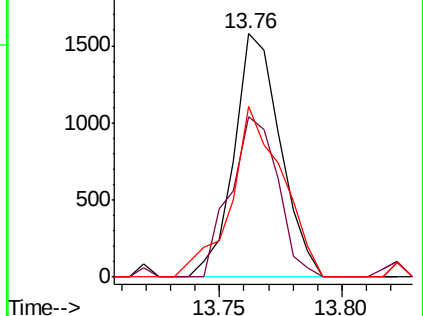
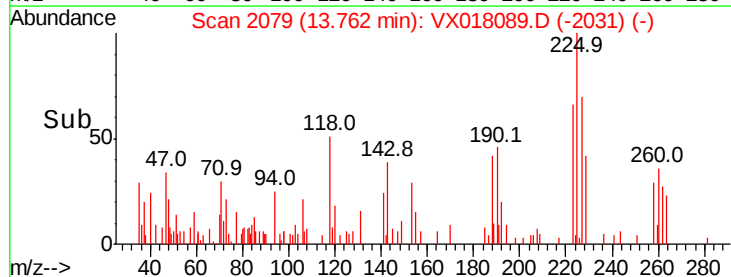
227 77.8 32.6 97.8

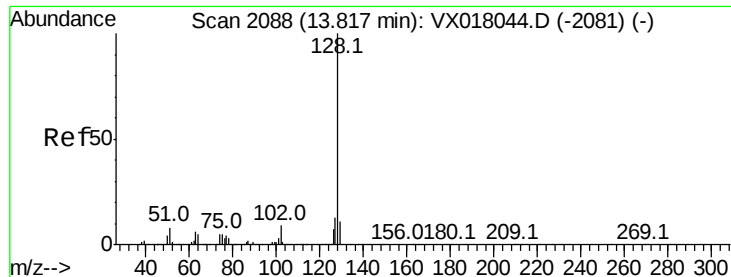


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 0.318 ug/l

RT: 13.82 min Scan# 2089

Delta R.T. 0.01 min

Lab File: VX018089.D

Acq: 27 Aug 2020 14:20

Instrument :

MSVOA_X

ClientSampleId :

VX0827MBL01

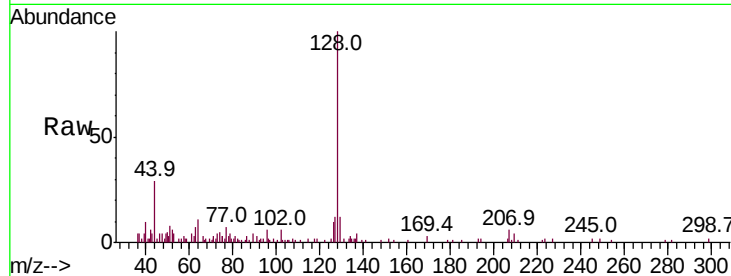
Tot Ion:128 Resp: 7081

Ion Ratio Lower Upper

128 100

127 18.0 10.2 15.2#

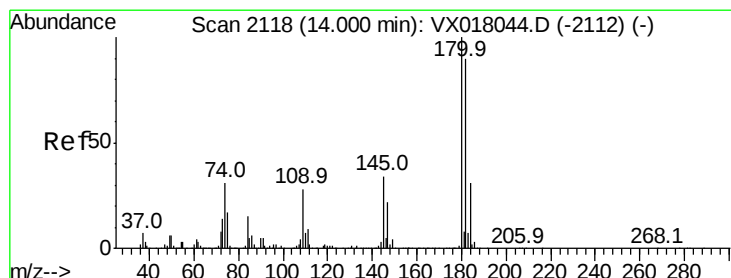
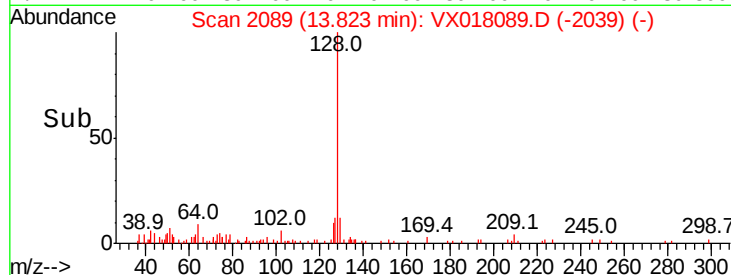
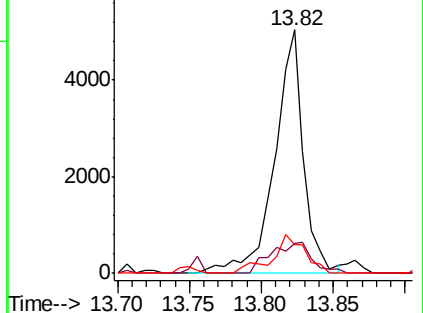
129 17.9 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.494 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018089.D

Acq: 27 Aug 2020 14:20

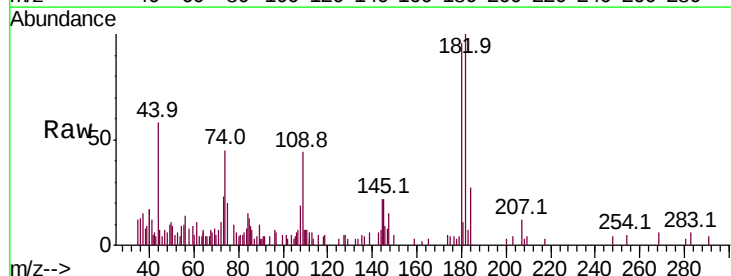
Tgt Ion:180 Resp: 3301

Ion Ratio Lower Upper

180 100

182 85.9 47.3 142.0

145 33.9 17.5 52.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

