

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081119\
 Data File : VX011450.D
 Acq On : 11 Aug 2019 23:38
 Operator : JC/SP
 Sample : K4095-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-04-080919-B

Quant Time: Aug 12 07:55:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	201891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	298730	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	272892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	125113	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	107522	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	
35) Dibromofluoromethane	5.49	113	92166	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	
50) Toluene-d8	8.71	98	358064	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
62) 4-Bromofluorobenzene	11.13	95	120291	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	

Target Compounds

					Qvalue	
5) Bromomethane	1.65	94	648	0.472	ug/l #	61
6) Chloroethane	1.71	64	207	Below Cal	#	45
10) Methyl Iodide	2.51	142	940	0.402	ug/l #	80
11) Tert butyl alcohol	3.02	59	2225	5.510	ug/l #	82
13) Acrolein	2.29	56	259	0.607	ug/l	85
15) Acrylonitrile	3.14	53	228	0.236	ug/l #	84
16) Acetone	2.43	43	5645	5.833	ug/l	95
17) Carbon Disulfide	2.56	76	1159	0.269	ug/l #	89
18) Methyl Acetate	2.76	43	1955	0.884	ug/l	92
20) Methylene Chloride	2.85	84	15348	7.242	ug/l	95
25) 2-Butanone	4.70	43	1174	0.853	ug/l #	46
28) Bromochloromethane	5.01	49	299	0.207	ug/l #	4
30) Chloroform	5.21	83	3034	0.880	ug/l #	73
36) 1,1-Dichloropropene	5.66	75	13899	5.329	ug/l #	49
38) Carbon Tetrachloride	5.66	117	19470	7.420	ug/l #	14
43) Isopropyl Acetate	6.44	43	35282	8.435	ug/l	99
48) Methyl methacrylate	7.67	41	1880	0.955	ug/l #	10
49) 1,4-Dioxane	7.74	88	20	0.350	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	34994	12.964	ug/l #	51
52) Toluene	8.78	92	4923	0.957	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	185	2.899	ug/l #	43
54) cis-1,3-Dichloropropene	8.61	75	16559	5.690	ug/l #	65
57) 1,3-Dichloropropane	9.54	76	3246	0.970	ug/l #	41
59) 2-Hexanone	9.54	43	39990	19.126	ug/l #	52
68) m/p-Xylenes	10.36	106	2556	0.674	ug/l	94
69) o-Xylene	10.69	106	1682	0.452	ug/l	100
74) N-amyl acetate	10.82	43	1513	0.489	ug/l #	48
76) 1,2,3-Trichloropropane	11.13	75	62303	27.344	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	4884	0.682	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	62303	70.933	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	11547	1.619	ug/l	100
89) n-Butylbenzene	12.38	91	2783	0.416	ug/l #	49
90) Hexachloroethane	12.58	117	502	0.437	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.65	180	660	0.236	ug/l #	73

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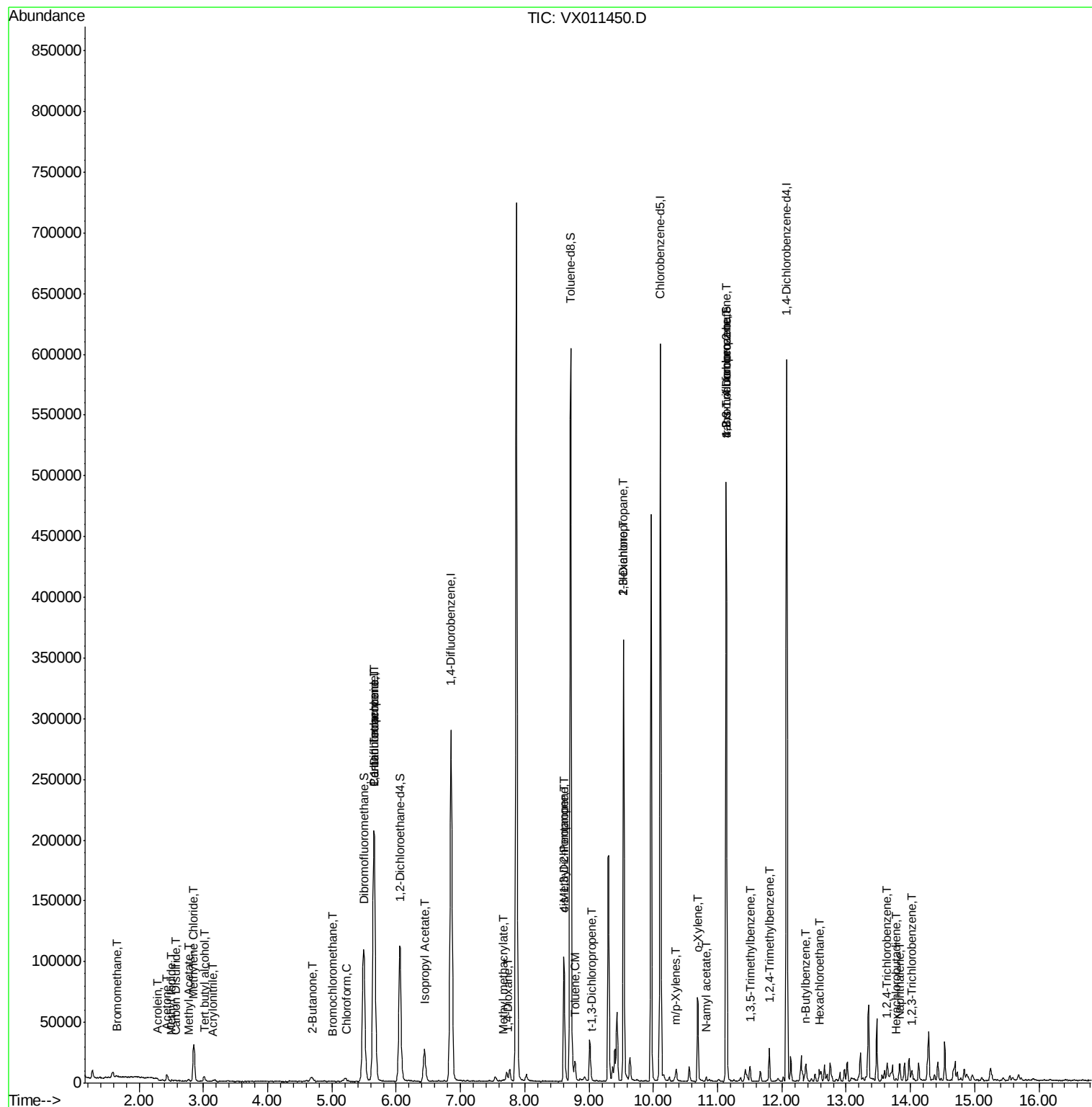
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	290	0.205	ug/l	92
95) Naphthalene	13.83	128	8721	1.067	ug/l	97
96) 1,2,3-Trichlorobenzene	14.02	180	724	0.255	ug/l #	80

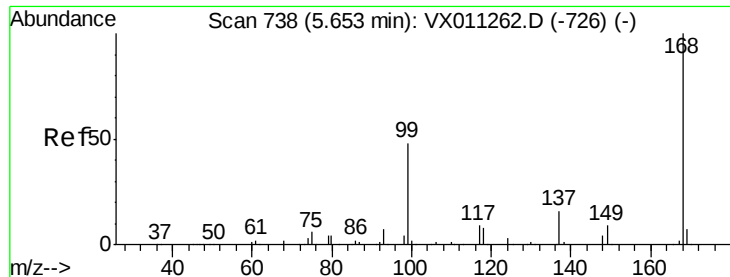
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011450.D

Acq: 11 Aug 2019 23:38

Instrument :

MSVOA_X

ClientSampleId :

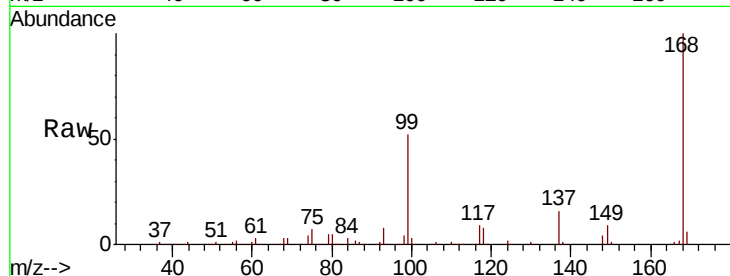
SU-04-080919-B

Tgt Ion:168 Resp: 201891

Ion Ratio Lower Upper

168 100

99 52.0 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

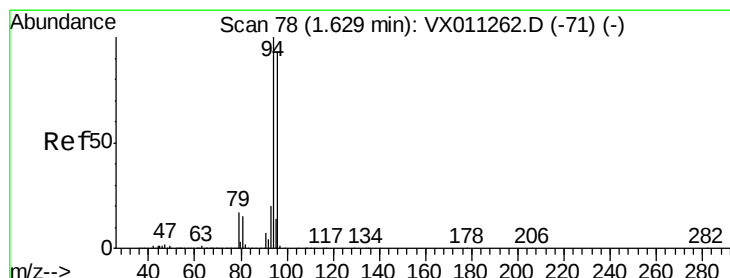
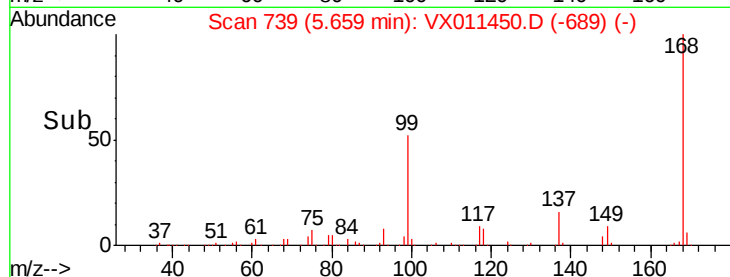
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.472 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX011450.D

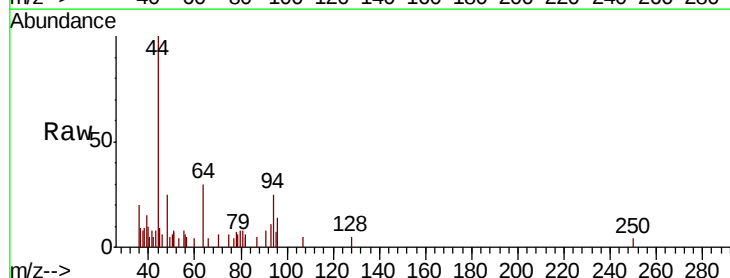
Acq: 11 Aug 2019 23:38

Tgt Ion: 94 Resp: 648

Ion Ratio Lower Upper

94 100

96 55.5 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

400

300

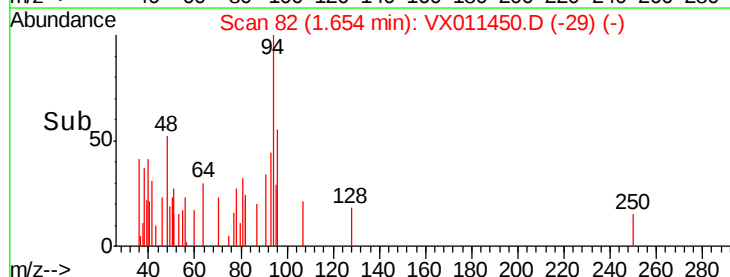
200

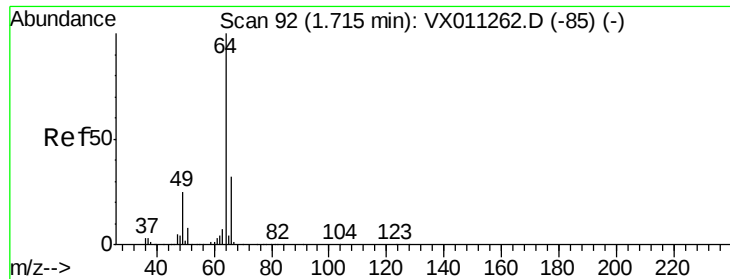
100

0

Time-->

1.60 1.65 1.70





#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011450.D

Acq: 11 Aug 2019 23:38

Instrument :

MSVOA_X

ClientSampleId :

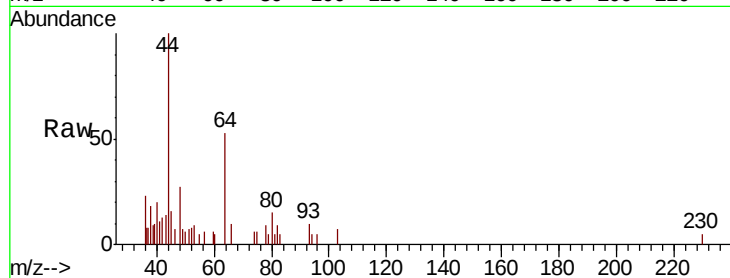
SU-04-080919-B

Tgt Ion: 64 Resp: 207

Ion Ratio Lower Upper

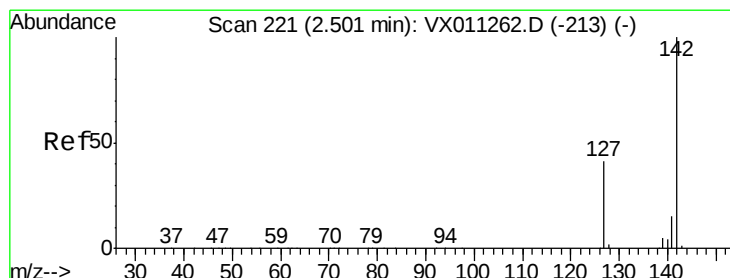
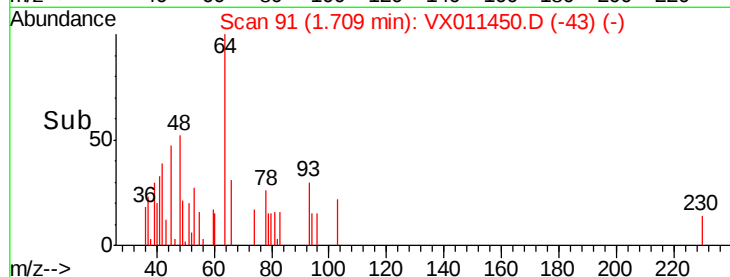
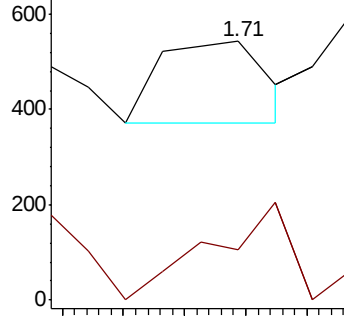
64 100

66 61.6 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#10

Methyl Iodide

Concen: 0.402 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.01 min

Lab File: VX011450.D

Acq: 11 Aug 2019 23:38

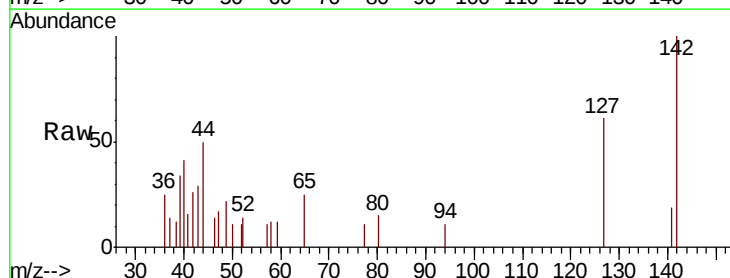
Tgt Ion: 142 Resp: 940

Ion Ratio Lower Upper

142 100

127 57.6 33.8 50.8#

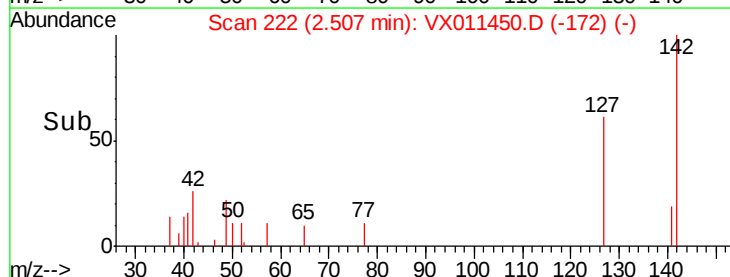
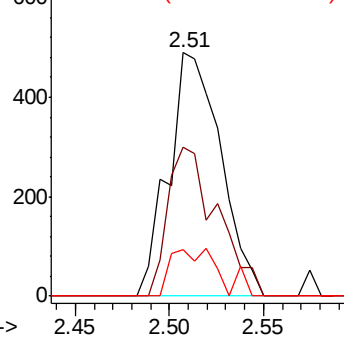
141 17.9 11.4 17.2#

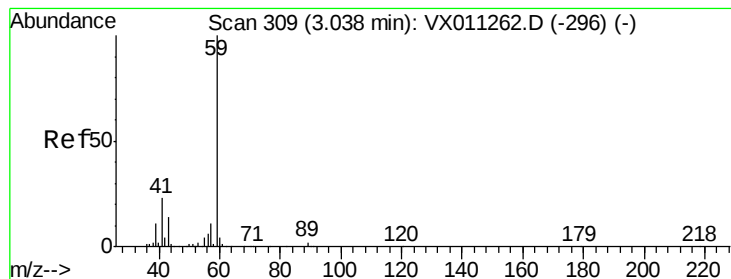


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



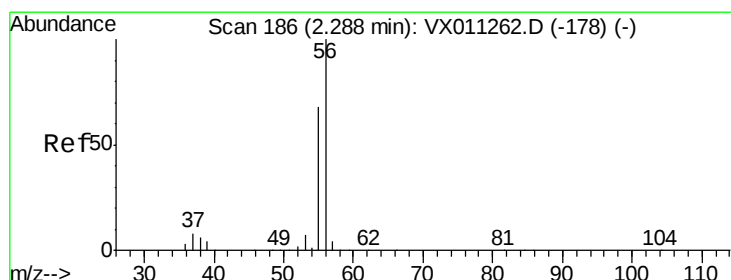
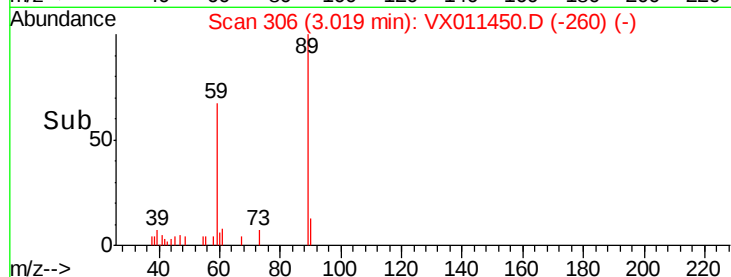
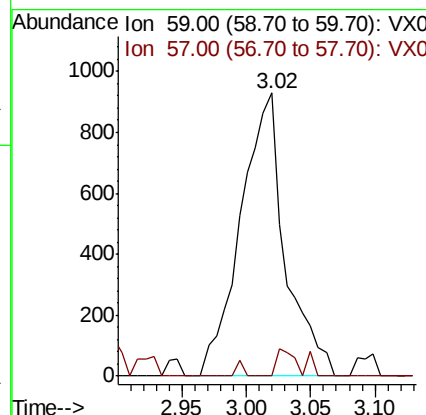
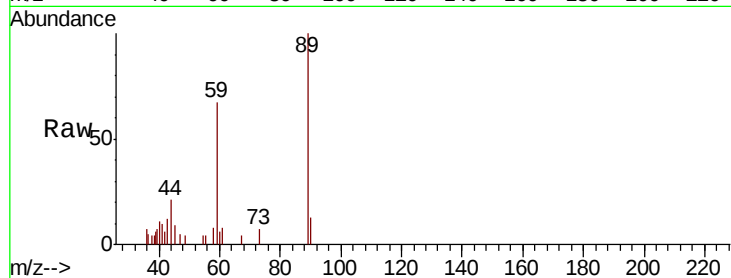


#11

Tert butyl alcohol
 Concen: 5.510 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.02 min
 Lab File: VX011450.D
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Instrument :
 MSVOA_X
 ClientSampleId :
 SU-04-080919-B

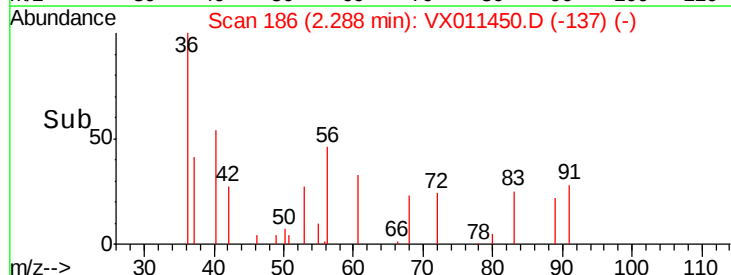
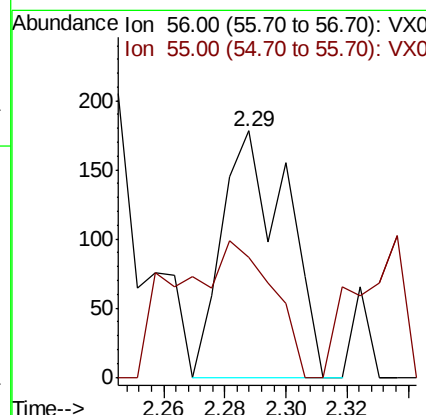
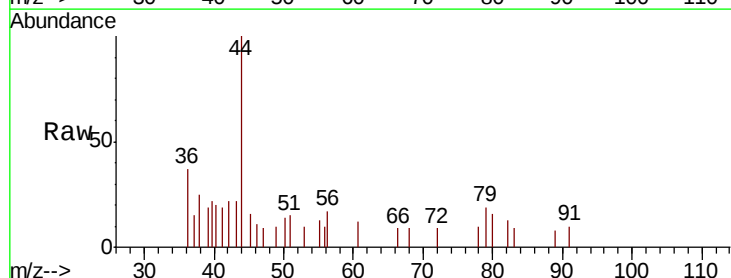
Tgt Ion: 59 Resp: 2225
 Ion Ratio Lower Upper
 59 100
 57 3.8 8.3 12.5#

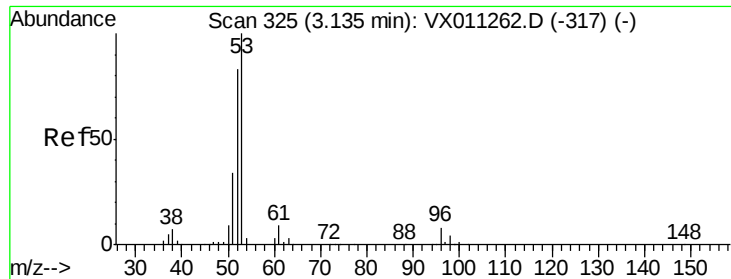


#13

Acrolein
 Concen: 0.607 ug/l
 RT: 2.29 min Scan# 186
 Delta R.T. 0.00 min
 Lab File: VX011450.D
 Acq: 11 Aug 2019 23:38

Tgt Ion: 56 Resp: 259
 Ion Ratio Lower Upper
 56 100
 55 82.6 56.0 84.0





#15

Acrylonitrile

Concen: 0.236 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX011450.D

Acq: 11 Aug 2019 23:38

Instrument :

MSVOA_X

ClientSampleId :

SU-04-080919-B

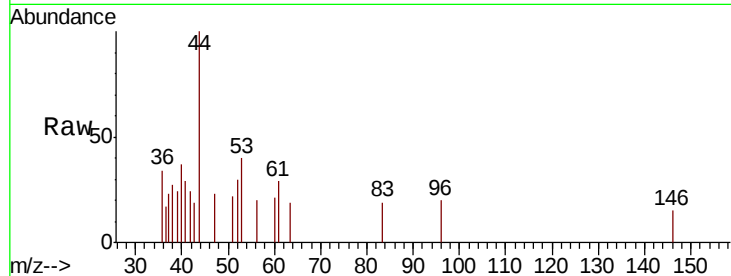
Tgt Ion: 53 Resp: 228

Ion Ratio Lower Upper

53 100

52 88.6 65.5 98.3

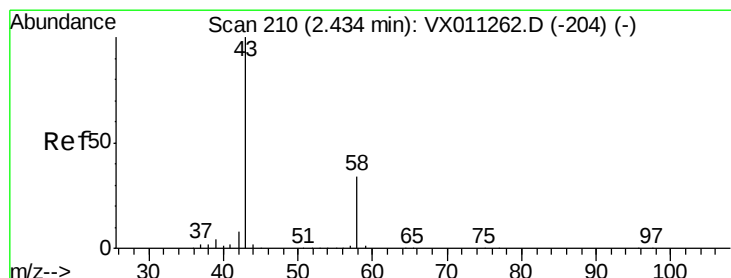
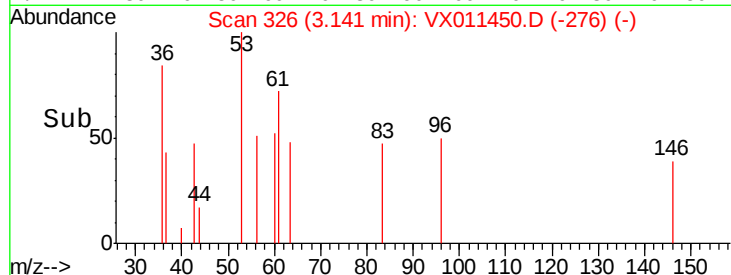
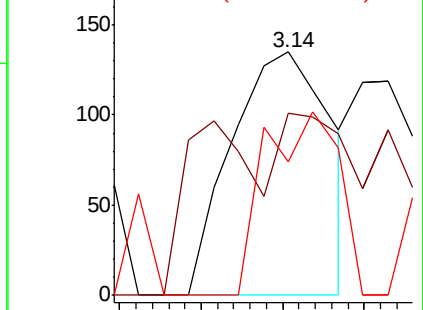
51 56.1 27.9 41.9#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 5.833 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011450.D

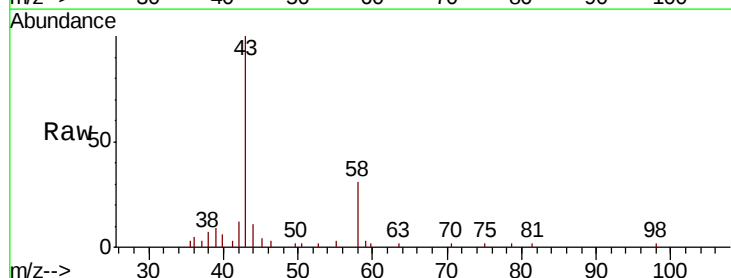
Acq: 11 Aug 2019 23:38

Tgt Ion: 43 Resp: 5645

Ion Ratio Lower Upper

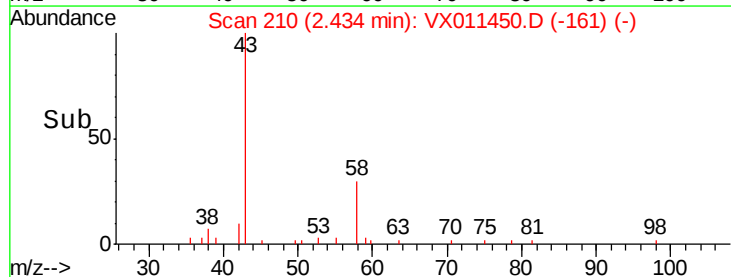
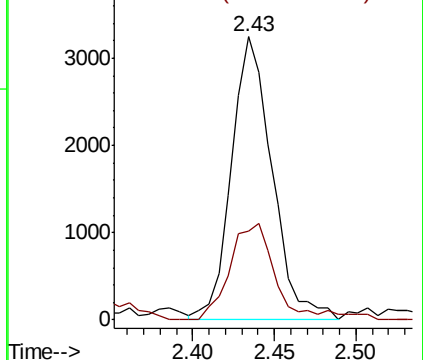
43 100

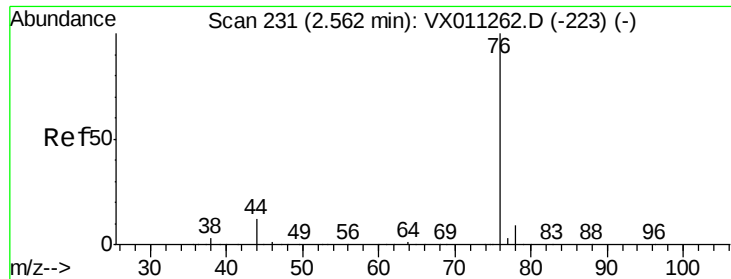
58 31.2 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

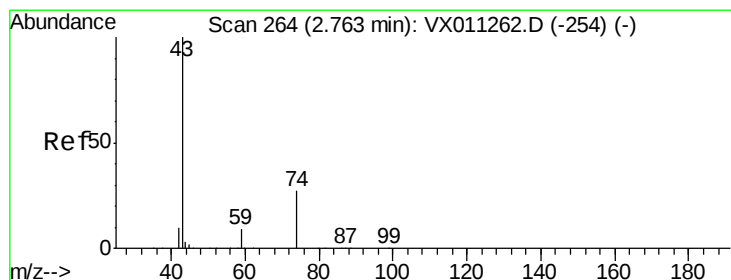
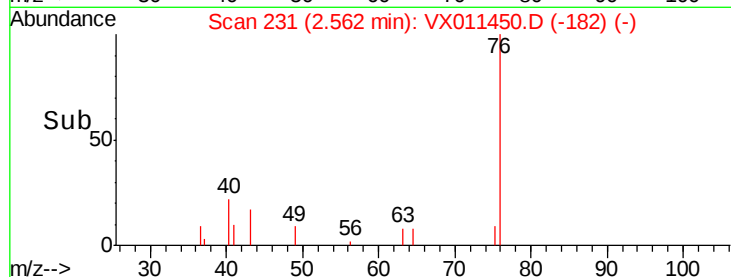
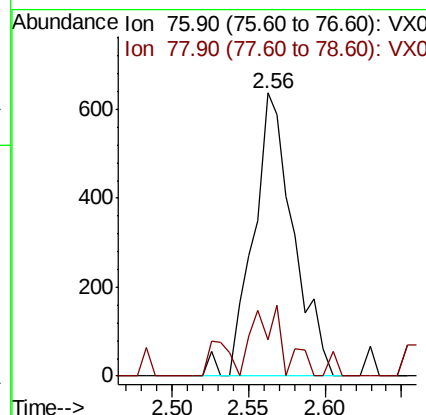
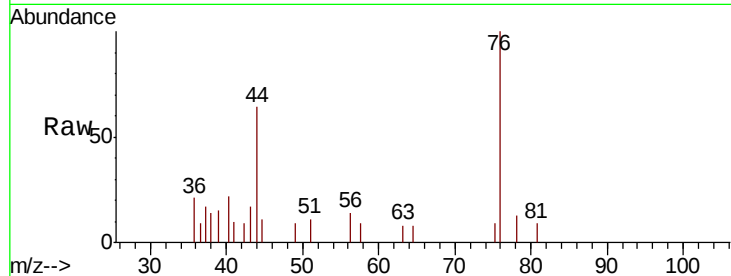




#17
Carbon Disulfide
Concen: 0.269 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011450.D
Acq: 11 Aug 2019 23:38

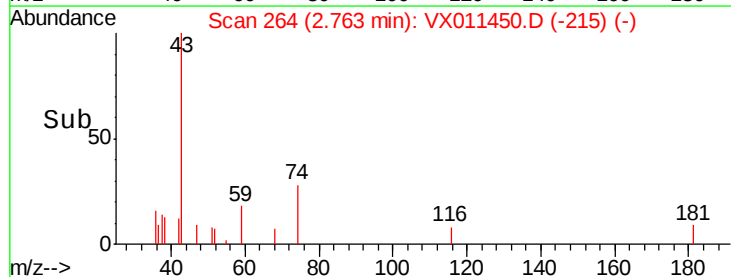
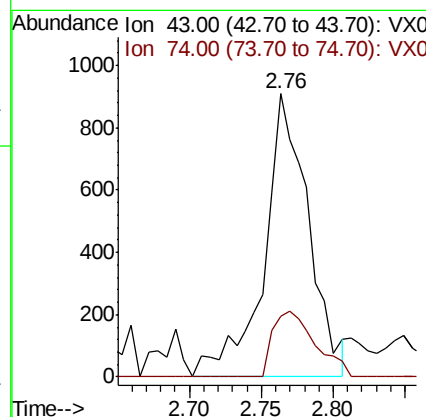
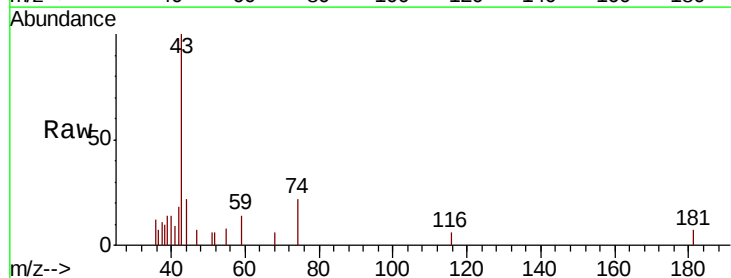
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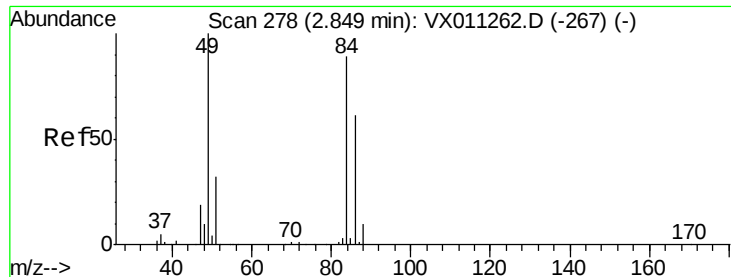
Tgt Ion: 76 Resp: 1159
Ion Ratio Lower Upper
76 100
78 13.0 7.4 11.0#



#18
Methyl Acetate
Concen: 0.884 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011450.D
Acq: 11 Aug 2019 23:38

Tgt Ion: 43 Resp: 1955
Ion Ratio Lower Upper
43 100
74 22.1 21.0 31.6

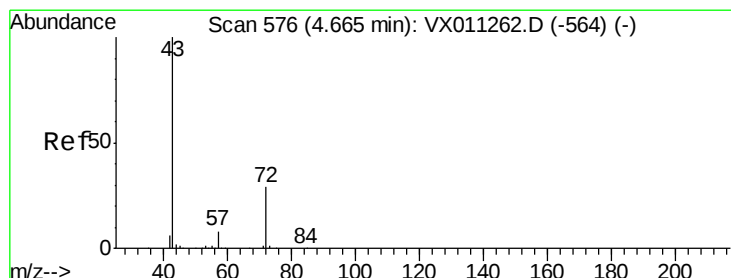
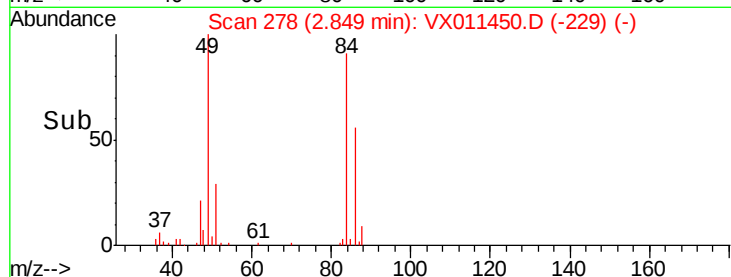
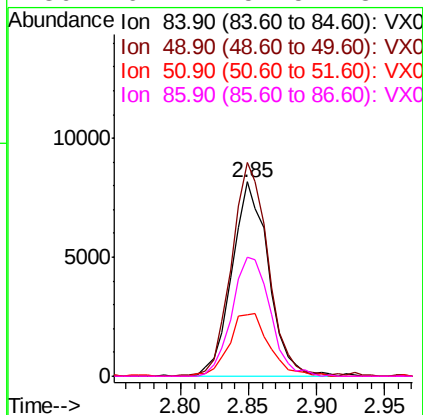
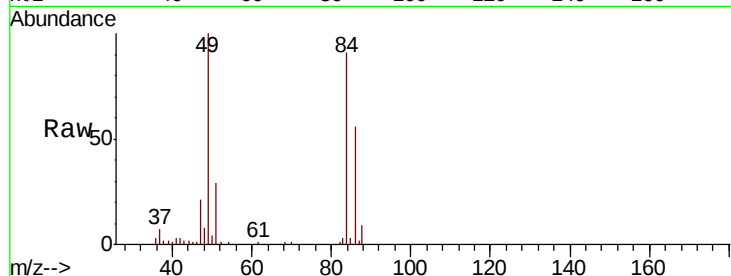




#20
Methylene Chloride
Concen: 7.242 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011450.D
Acq: 11 Aug 2019 23:38

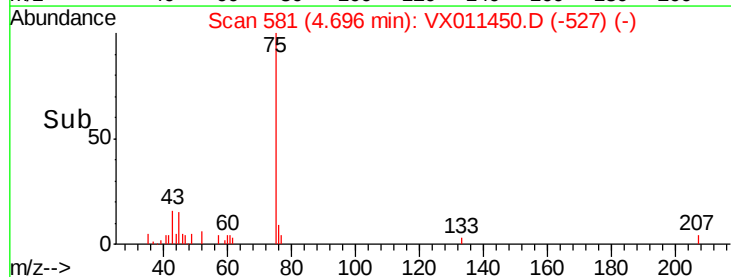
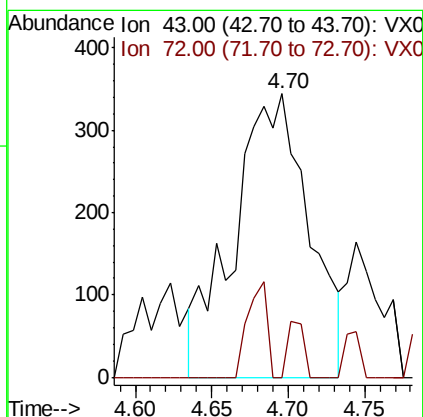
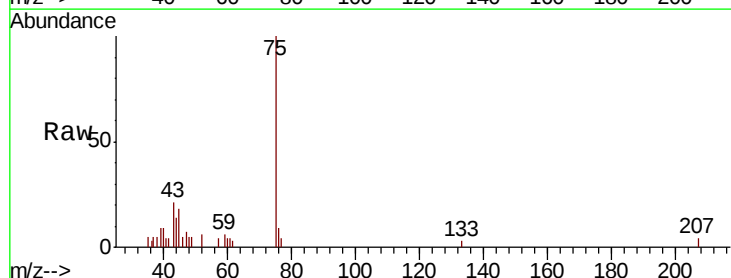
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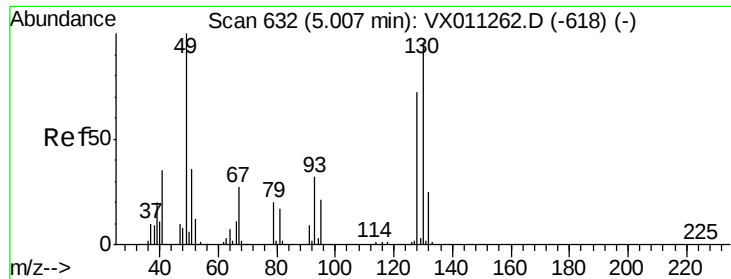
Tgt Ion:	84	Resp:	15348
Ion	Ratio	Lower	Upper
84	100		
49	109.5	89.3	133.9
51	31.6	28.3	42.5
86	61.1	54.5	81.7



#25
2-Butanone
Concen: 0.853 ug/l
RT: 4.70 min Scan# 581
Delta R.T. 0.03 min
Lab File: VX011450.D
Acq: 11 Aug 2019 23:38

Tgt Ion:	43	Resp:	1174
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.2	34.8#





#28

Bromochloromethane

Concen: 0.207 ug/l

RT: 5.01 min Scan# 633

Delta R.T. 0.01 min

Lab File: VX011450.D

Acq: 11 Aug 2019 23:38

Instrument :

MSVOA_X

ClientSampleId :

SU-04-080919-B

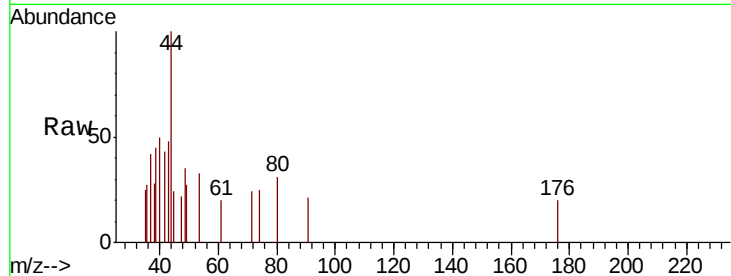
Tgt Ion: 49 Resp: 299

Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.8

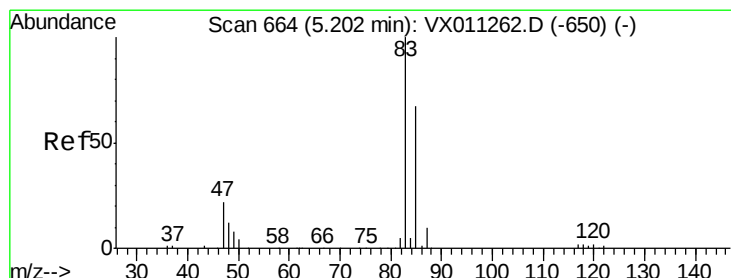
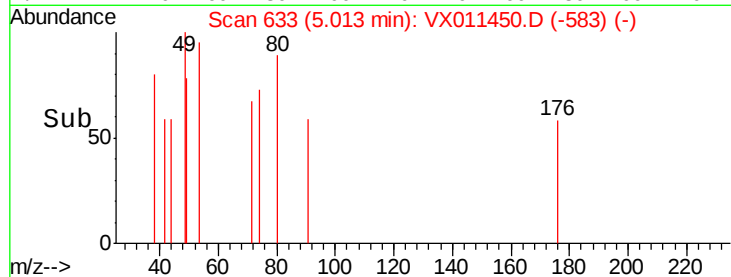
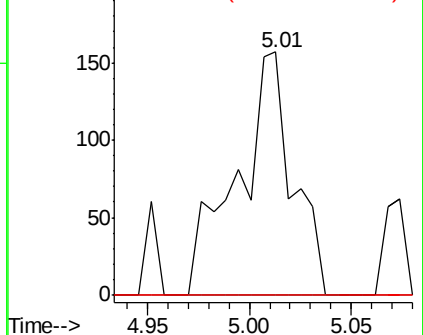
130 0.0 77.9 116.9#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#30

Chloroform

Concen: 0.880 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX011450.D

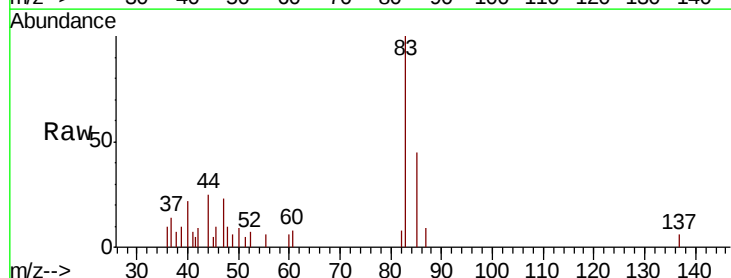
Acq: 11 Aug 2019 23:38

Tgt Ion: 83 Resp: 3034

Ion Ratio Lower Upper

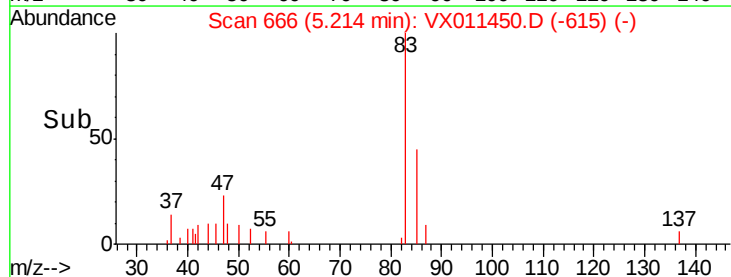
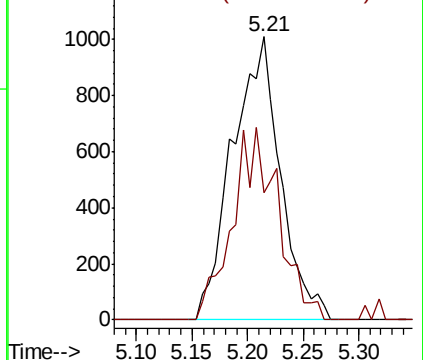
83 100

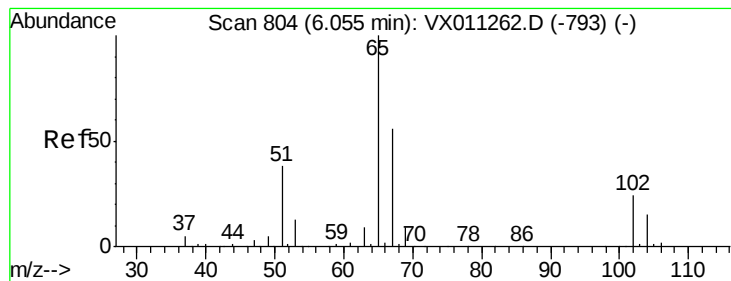
85 45.0 53.4 80.0#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 52.884 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011450.D

Acq: 11 Aug 2019 23:38

Instrument :

MSVOA_X

ClientSampleId :

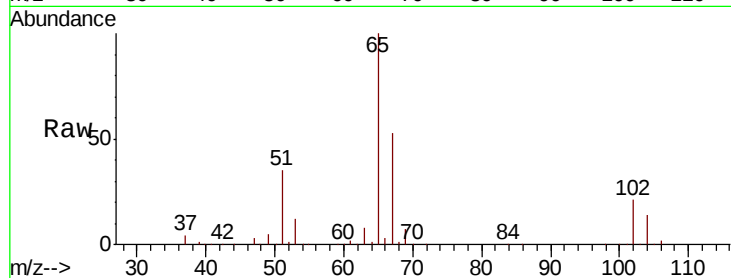
SU-04-080919-B

Tgt Ion: 65 Resp: 107522

Ion Ratio Lower Upper

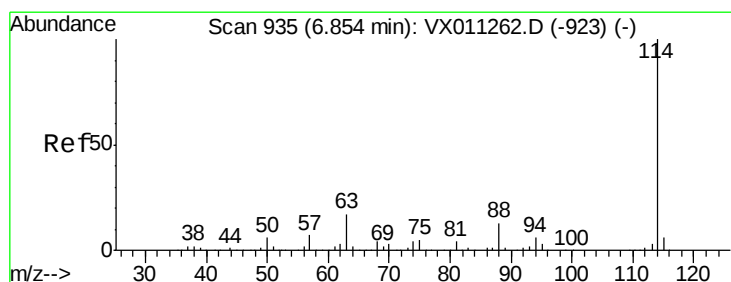
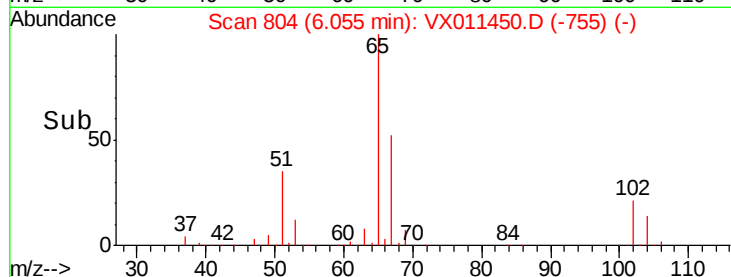
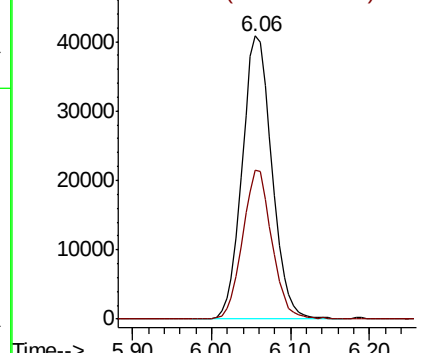
65 100

67 51.6 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011450.D

Acq: 11 Aug 2019 23:38

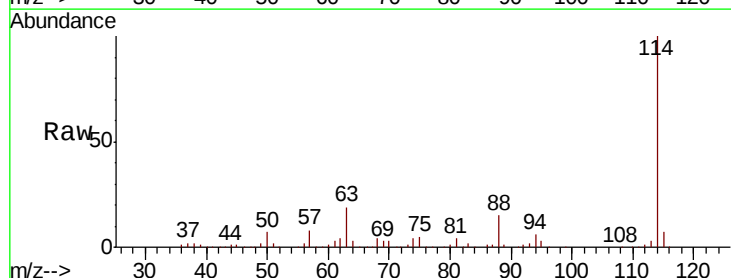
Tgt Ion: 114 Resp: 298730

Ion Ratio Lower Upper

114 100

63 18.9 0.0 34.0

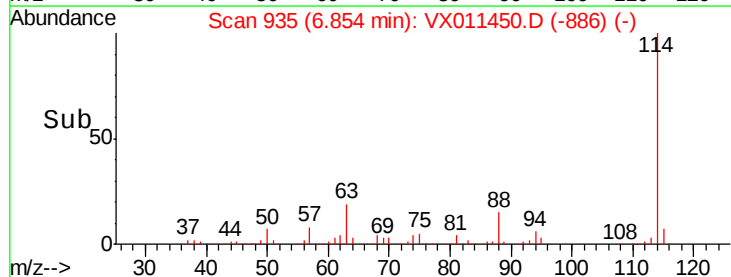
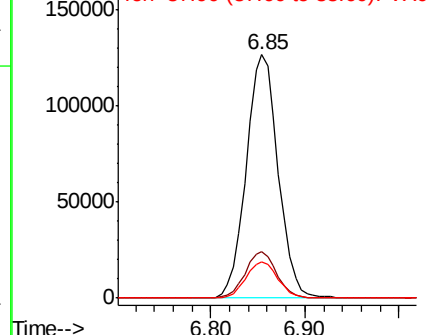
88 15.1 0.0 26.4

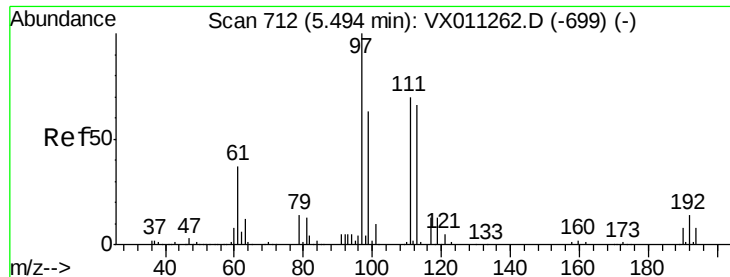


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.256 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011450.D

Acq: 11 Aug 2019 23:38

Instrument :

MSVOA_X

ClientSampleId :

SU-04-080919-B

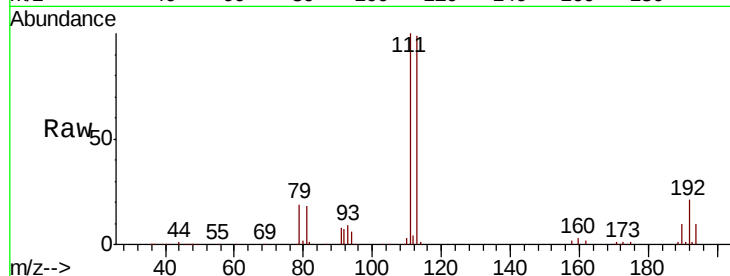
Tgt Ion:113 Resp: 92166

Ion Ratio Lower Upper

113 100

111 102.2 81.9 122.9

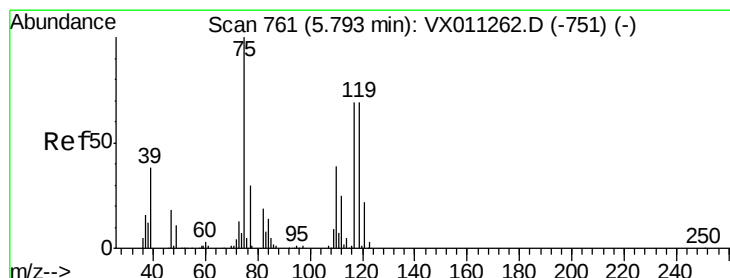
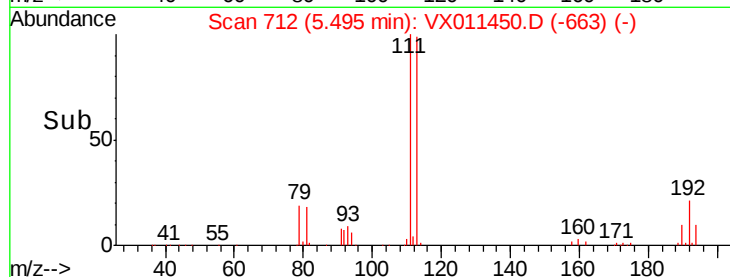
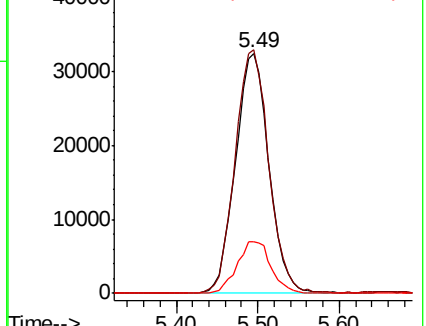
192 21.8 17.8 26.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.329 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX011450.D

Acq: 11 Aug 2019 23:38

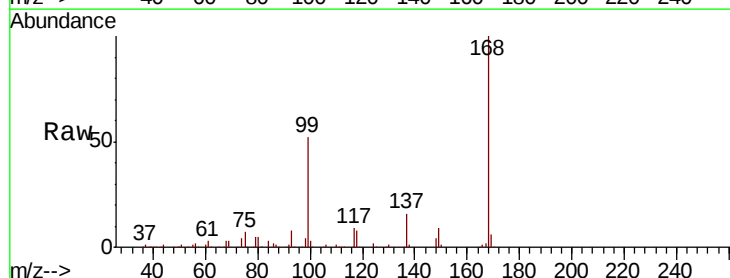
Tgt Ion: 75 Resp: 13899

Ion Ratio Lower Upper

75 100

110 10.6 20.0 59.9#

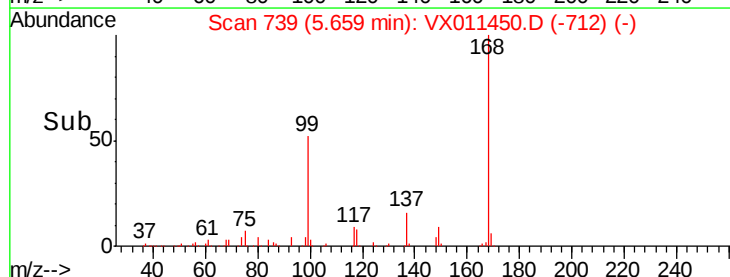
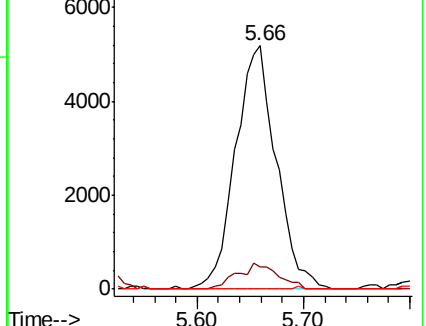
77 0.0 24.8 37.2#

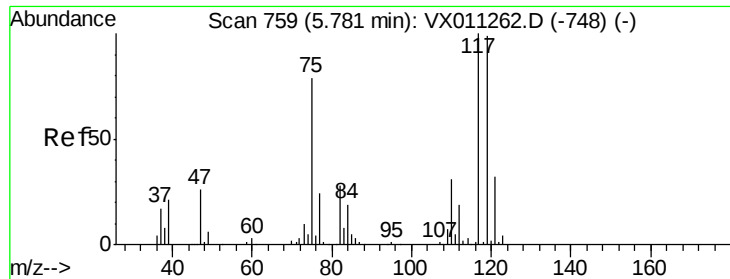


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 7.420 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX011450.D

Acq: 11 Aug 2019 23:38

Instrument :

MSVOA_X

ClientSampleId :

SU-04-080919-B

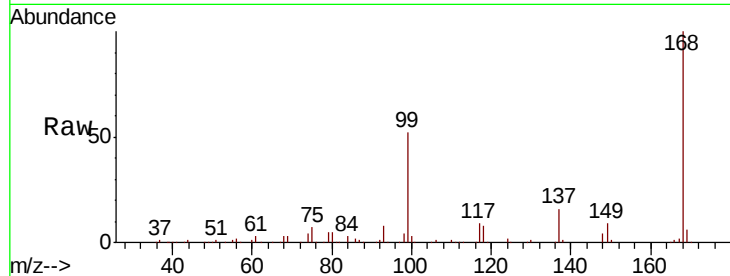
Tgt Ion:117 Resp: 19470

Ion Ratio Lower Upper

117 100

119 4.0 79.0 118.4#

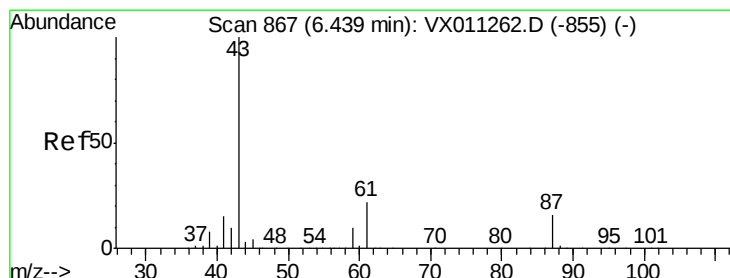
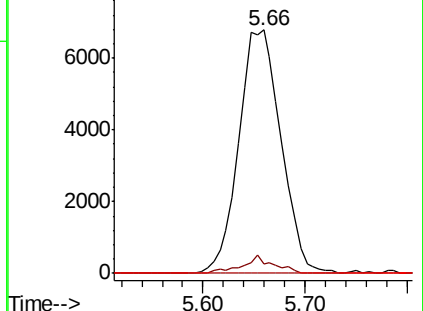
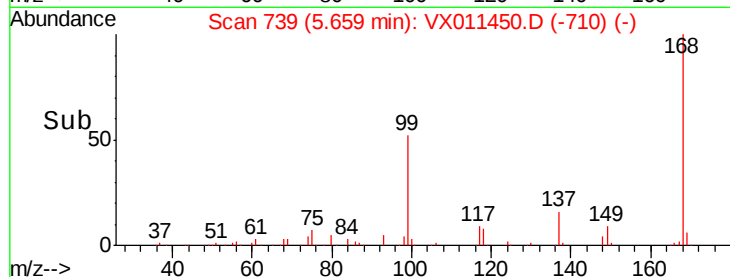
121 0.0 25.9 38.9#



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: 8.435 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011450.D

Acq: 11 Aug 2019 23:38

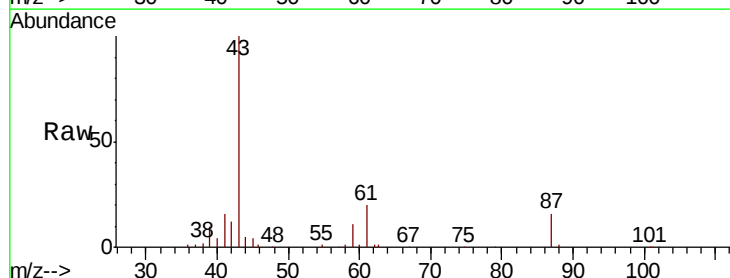
Tgt Ion: 43 Resp: 35282

Ion Ratio Lower Upper

43 100

61 19.9 16.5 24.7

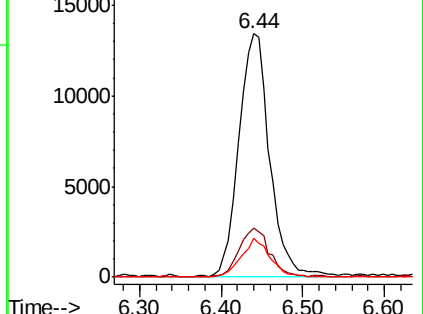
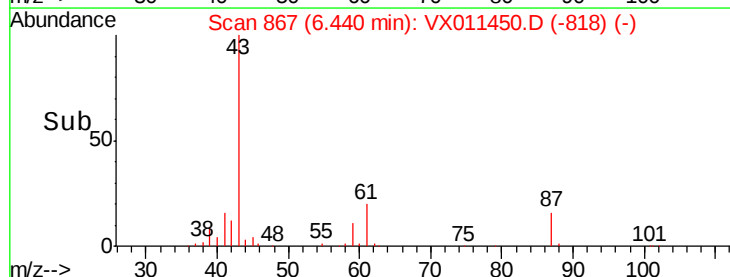
87 14.8 12.1 18.1

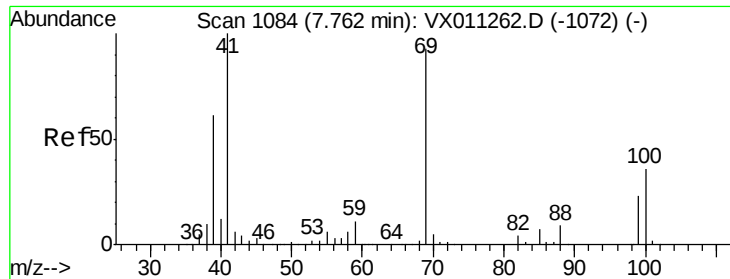


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

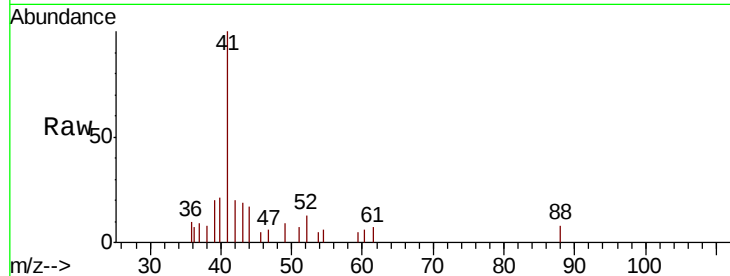




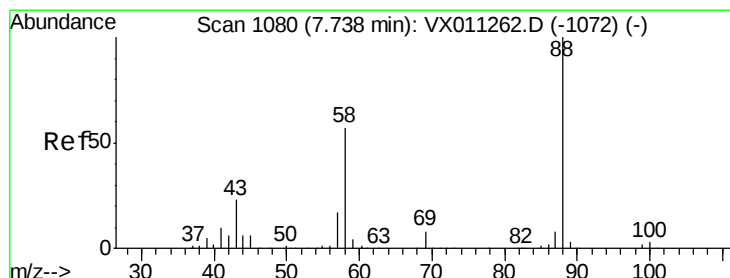
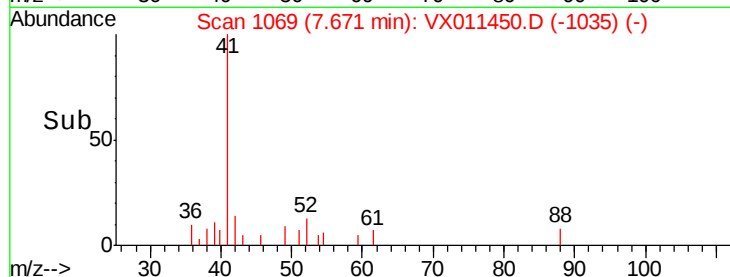
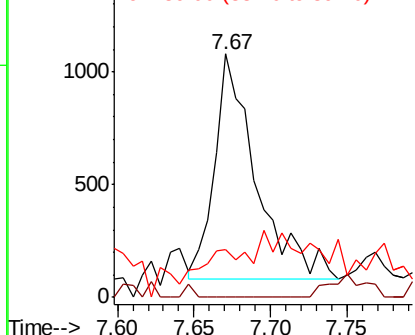
#48
Methyl methacrylate
Concen: 0.955 ug/l
RT: 7.67 min Scan# 1069
Delta R.T. -0.09 min
Lab File: VX011450.D
Acq: 11 Aug 2019 23:38

Instrument :
MSVOA_X
ClientSampleId :
SU-04-080919-B

Tgt Ion: 41 Resp: 1880
Ion Ratio Lower Upper
41 100
69 0.0 74.5 111.7#
39 0.0 48.6 72.8#

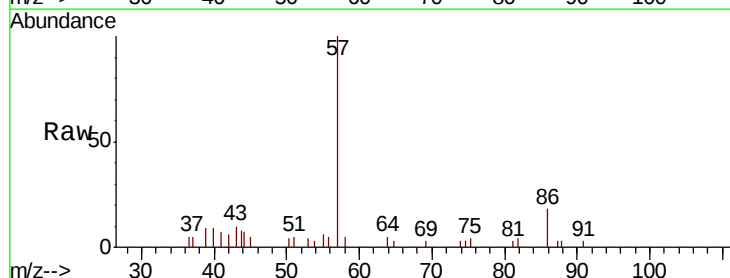


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

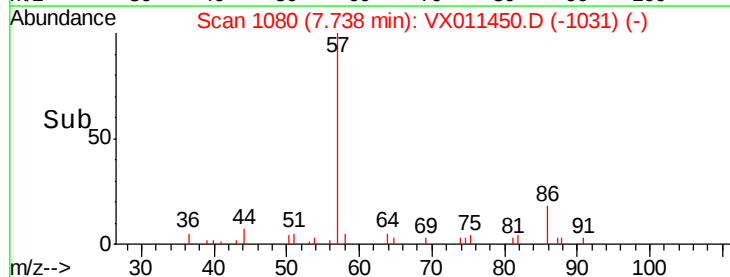
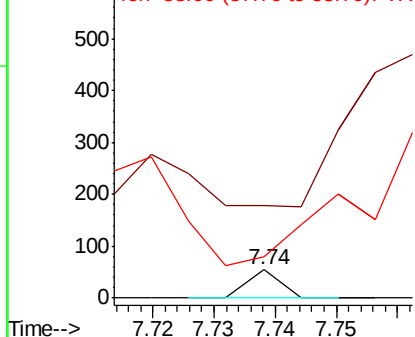


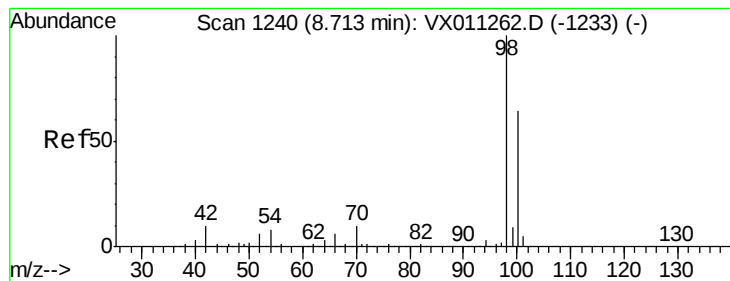
#49
1,4-Dioxane
Concen: 0.350 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011450.D
Acq: 11 Aug 2019 23:38

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 0.0 22.2 33.2#
58 2085.0 47.8 71.8#



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 48.637 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011450.D

Acq: 11 Aug 2019 23:38

Instrument :

MSVOA_X

ClientSampleId :

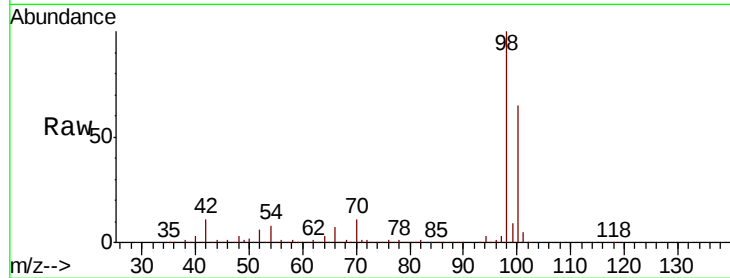
SU-04-080919-B

Tgt Ion: 98 Resp: 358064

Ion Ratio Lower Upper

98 100

100 63.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

250000

200000

150000

100000

50000

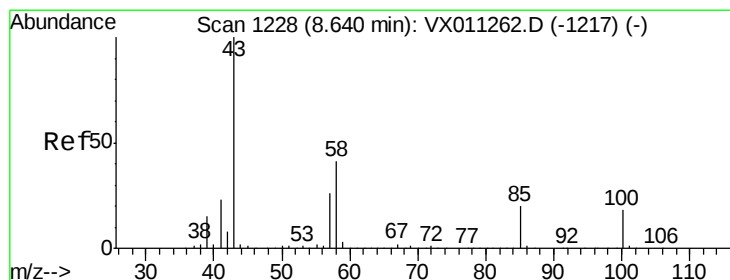
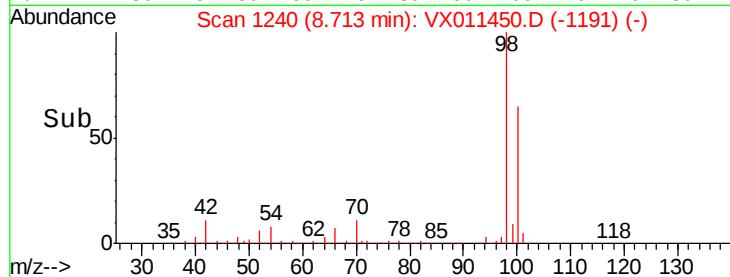
0

Time-->

8.60

8.70

8.80



#51

4-Methyl-2-Pentanone

Concen: 12.964 ug/l

RT: 8.61 min Scan# 1223

Delta R.T. -0.03 min

Lab File: VX011450.D

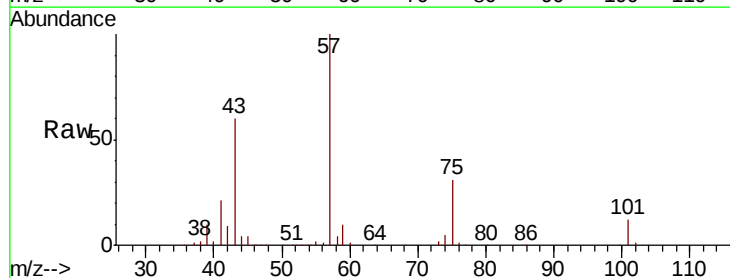
Acq: 11 Aug 2019 23:38

Tgt Ion: 43 Resp: 34994

Ion Ratio Lower Upper

43 100

58 9.8 32.3 48.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

25000

20000

15000

10000

5000

0

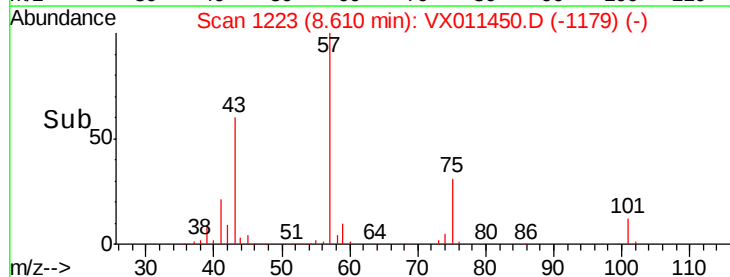
Time-->

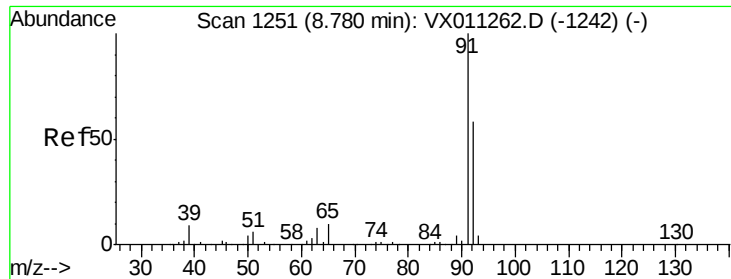
8.55

8.60

8.65

8.70





#52

Toluene

Concen: 0.957 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011450.D

Acq: 11 Aug 2019 23:38

Instrument :

MSVOA_X

ClientSampleId :

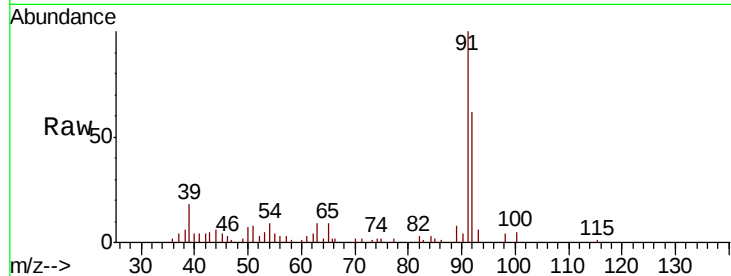
SU-04-080919-B

Tgt Ion: 92 Resp: 4923

Ion Ratio Lower Upper

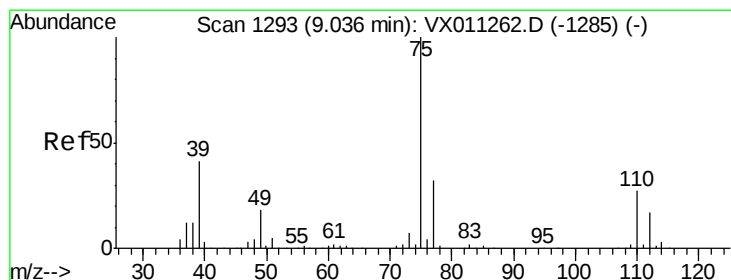
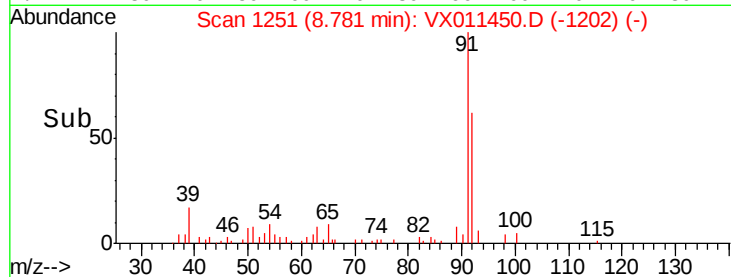
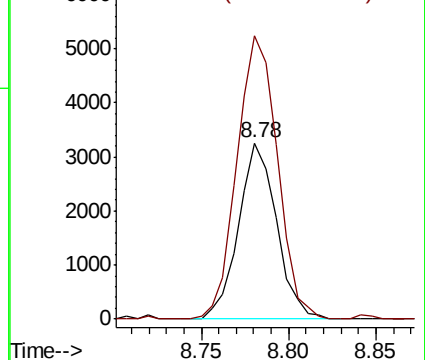
92 100

91 171.0 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 2.899 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX011450.D

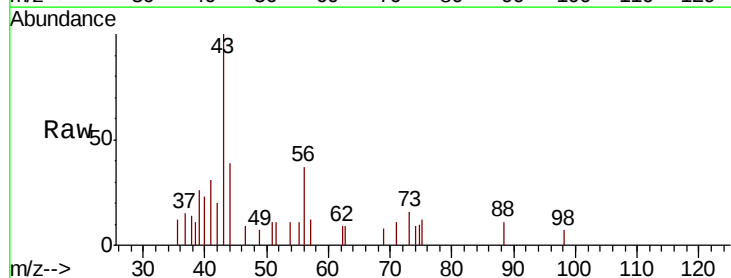
Acq: 11 Aug 2019 23:38

Tgt Ion: 75 Resp: 185

Ion Ratio Lower Upper

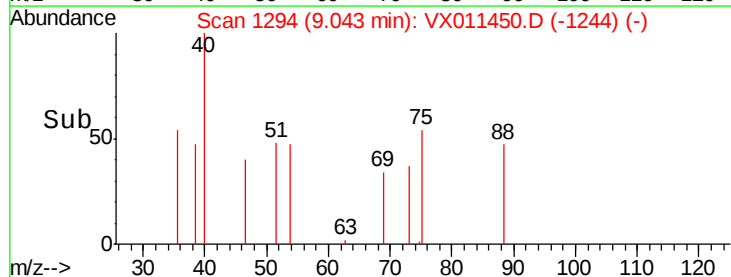
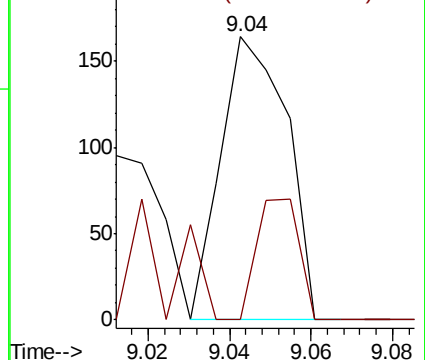
75 100

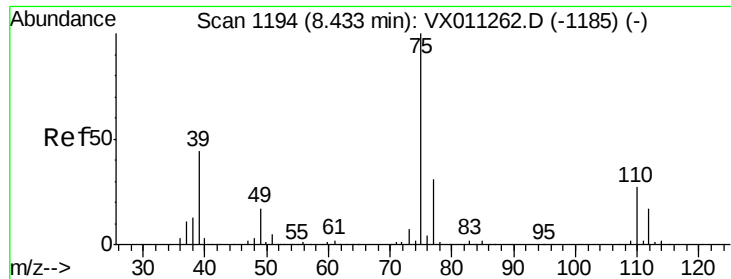
77 0.0 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





#54

cis-1,3-Dichloropropene

Concen: 5.690 ug/l

RT: 8.61 min Scan# 1223

Delta R.T. 0.18 min

Lab File: VX011450.D

Acq: 11 Aug 2019 23:38

Instrument :

MSVOA_X

ClientSampleId :

SU-04-080919-B

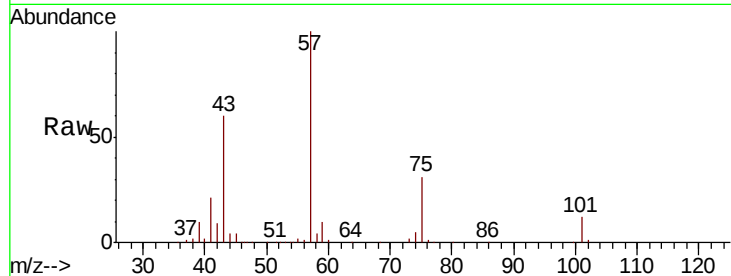
Tgt Ion: 75 Resp: 16559

Ion Ratio Lower Upper

75 100

77 0.6 25.0 37.6#

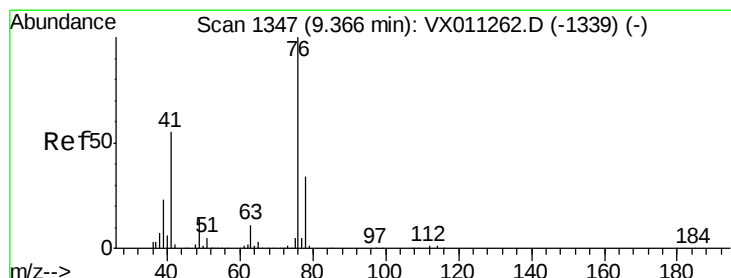
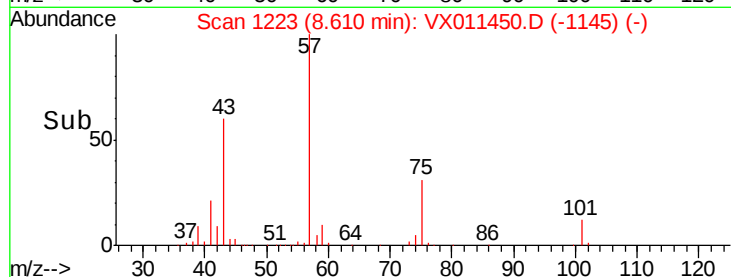
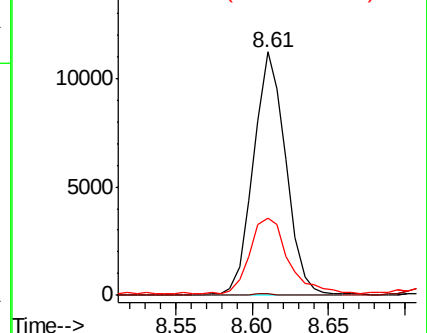
39 31.1 35.3 52.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



#57

1,3-Dichloropropane

Concen: 0.970 ug/l

RT: 9.54 min Scan# 1375

Delta R.T. 0.17 min

Lab File: VX011450.D

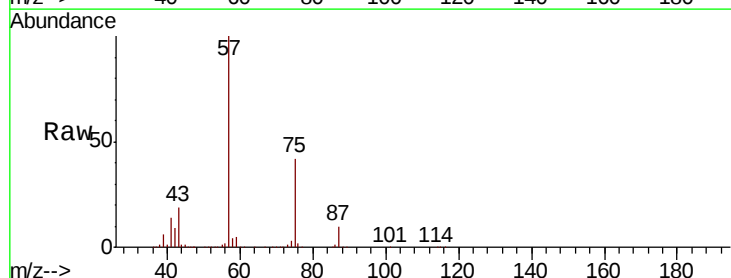
Acq: 11 Aug 2019 23:38

Tgt Ion: 76 Resp: 3246

Ion Ratio Lower Upper

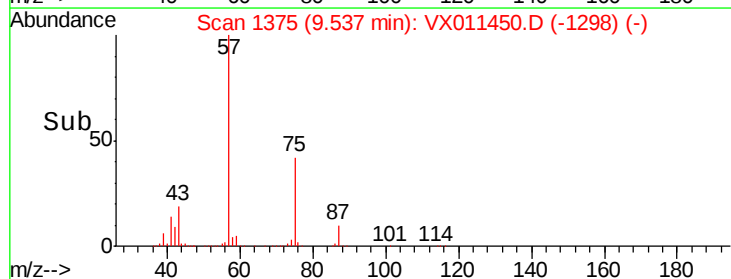
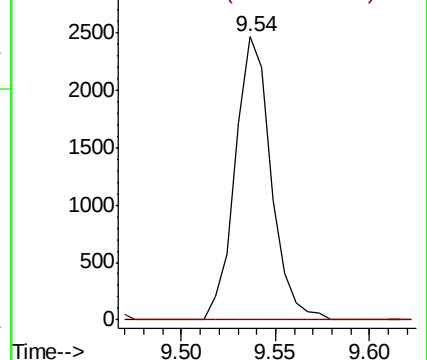
76 100

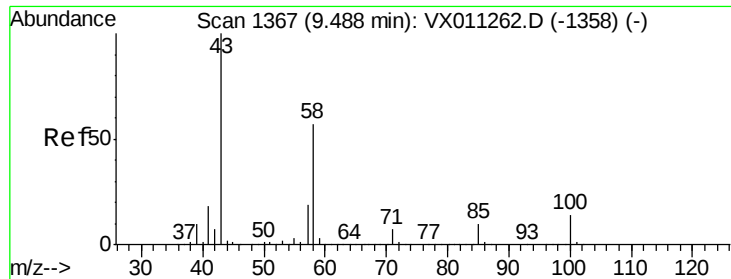
78 0.0 26.6 40.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

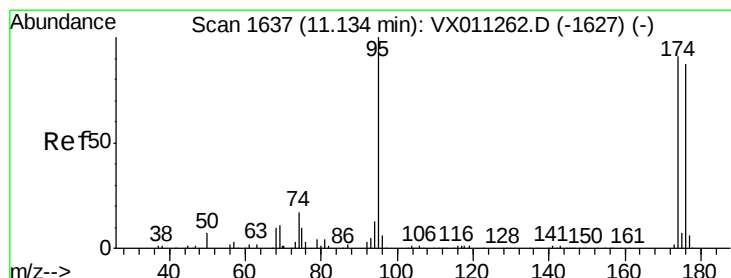
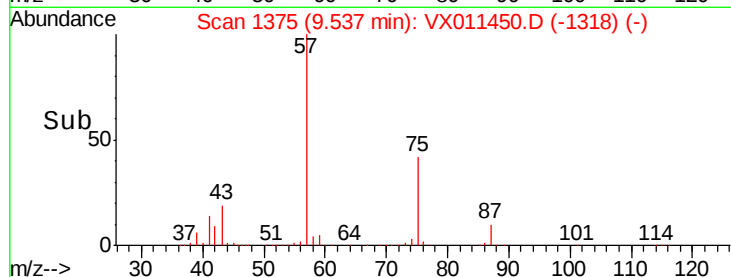
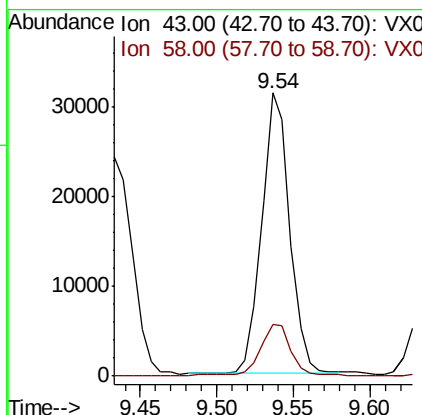
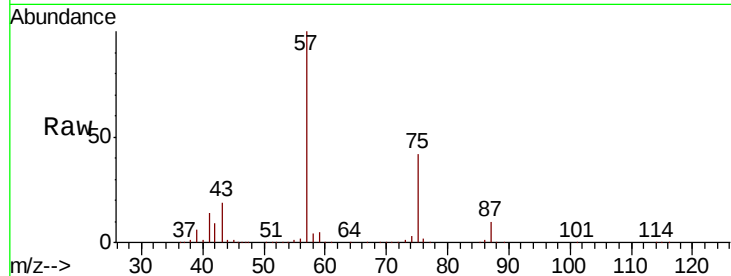




#59
2-Hexanone
Concen: 19.126 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.05 min
Lab File: VX011450.D
Acq: 11 Aug 2019 23:38

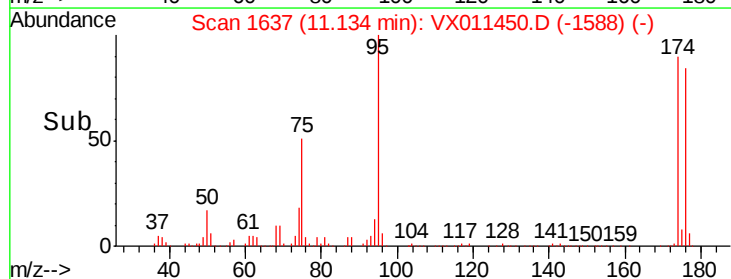
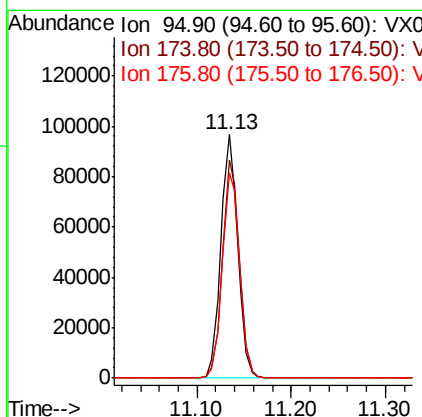
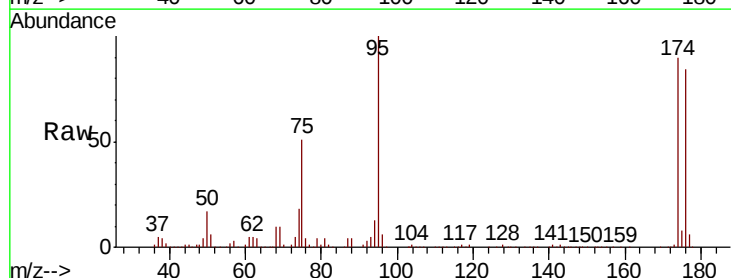
Instrument :
MSVOA_X
ClientSampleId :
SU-04-080919-B

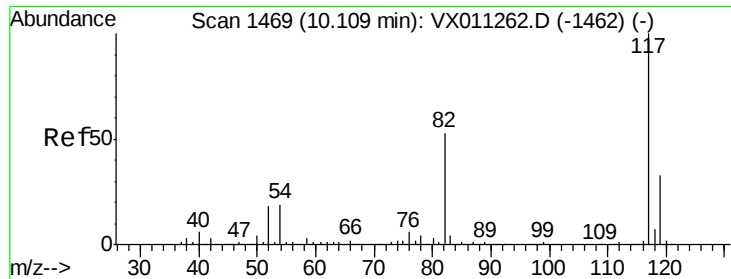
Tgt Ion: 43 Resp: 39990
Ion Ratio Lower Upper
43 100
58 21.0 28.2 84.6#



#62
4-Bromofluorobenzene
Concen: 45.765 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011450.D
Acq: 11 Aug 2019 23:38

Tgt Ion: 95 Resp: 120291
Ion Ratio Lower Upper
95 100
174 89.5 0.0 191.2
176 86.4 0.0 184.8

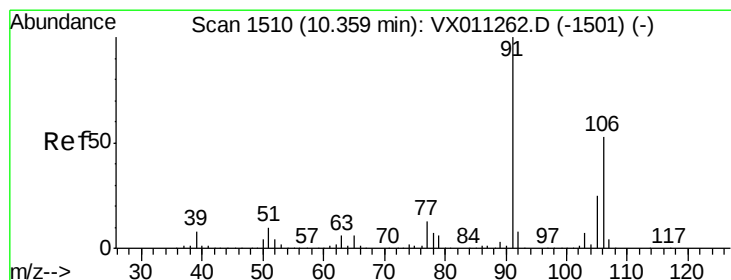
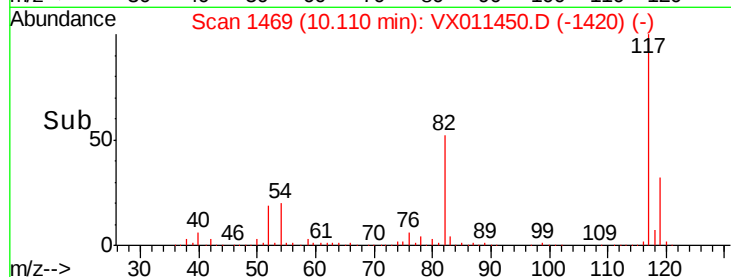
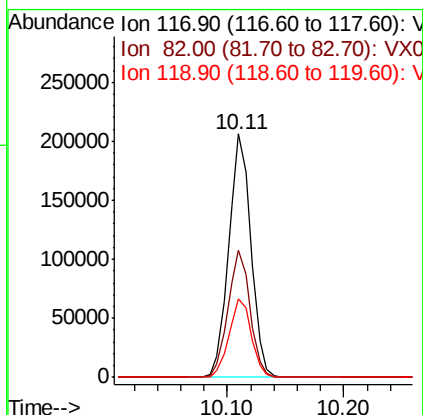
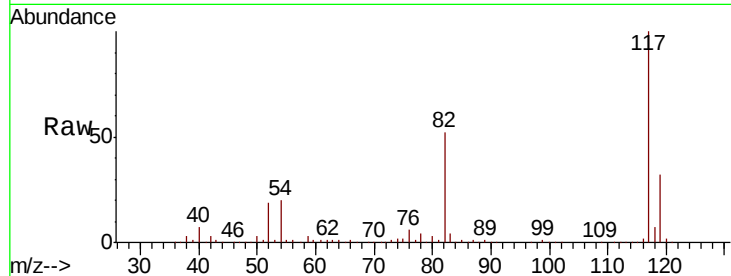




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011450.D
Acq: 11 Aug 2019 23:38

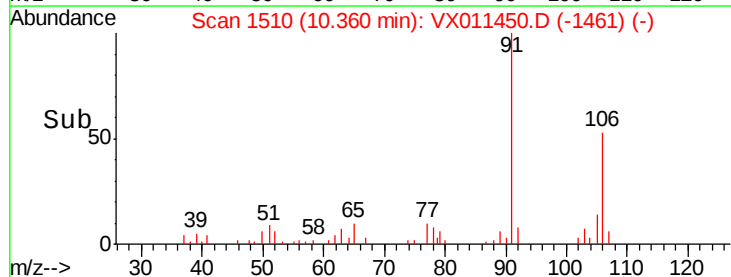
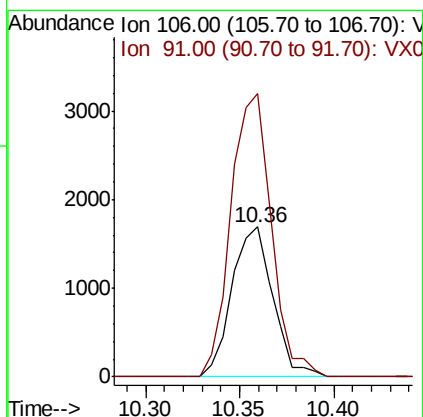
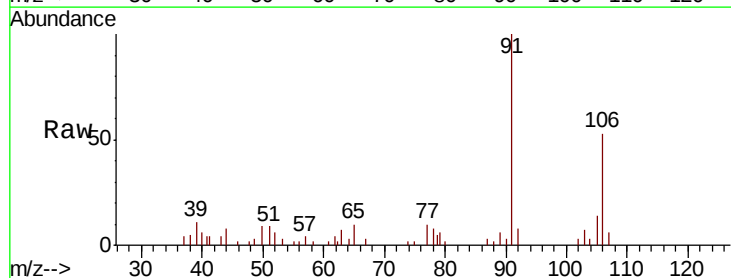
Instrument :
MSVOA_X
ClientSampleId :
SU-04-080919-B

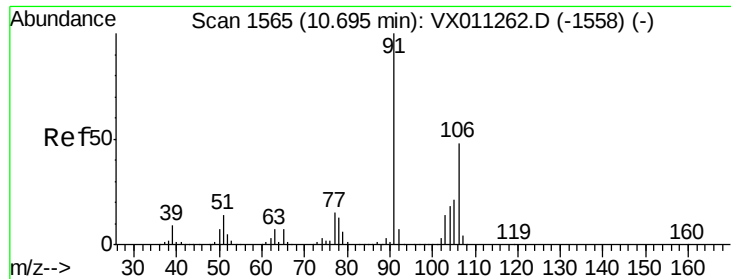
Tgt Ion:117 Resp: 272892
Ion Ratio Lower Upper
117 100
82 52.1 42.2 63.2
119 32.2 26.6 39.8



#68
m/p-Xylenes
Concen: 0.674 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX011450.D
Acq: 11 Aug 2019 23:38

Tgt Ion:106 Resp: 2556
Ion Ratio Lower Upper
106 100
91 186.4 155.9 233.9

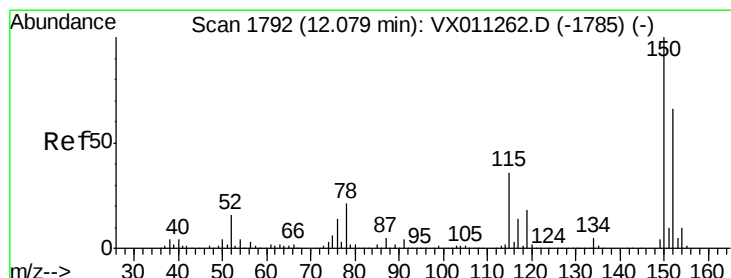
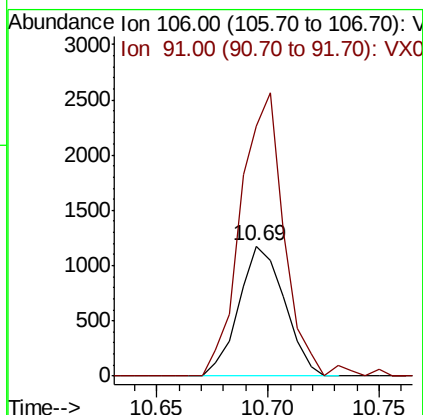
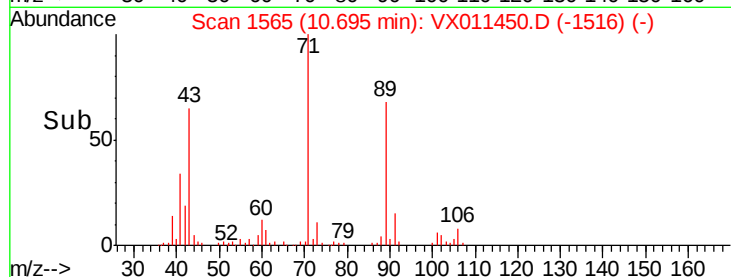
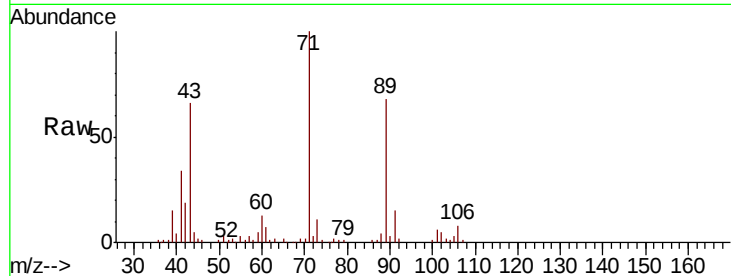




#69
o-Xylene
Concen: 0.452 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011450.D
Acq: 11 Aug 2019 23:38

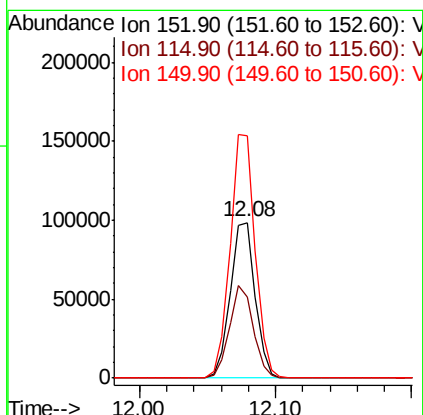
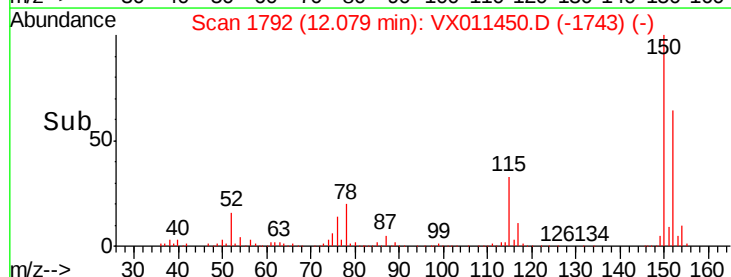
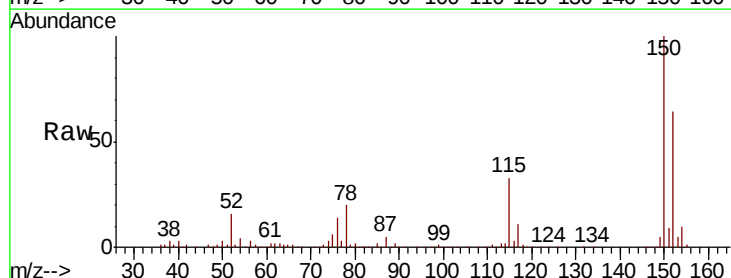
Instrument :
MSVOA_X
ClientSampleId :
SU-04-080919-B

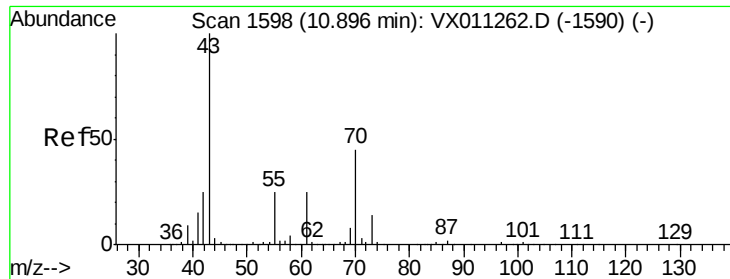
Tgt Ion:106 Resp: 1682
Ion Ratio Lower Upper
106 100
91 207.8 103.8 311.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011450.D
Acq: 11 Aug 2019 23:38

Tgt Ion:152 Resp: 125113
Ion Ratio Lower Upper
152 100
115 57.0 40.0 119.9
150 157.3 0.0 350.4





#74

N-ethyl acetate

Concen: 0.489 ug/l

RT: 10.82 min Scan# 1586

Delta R.T. -0.07 min

Lab File: VX011450.D

Acq: 11 Aug 2019 23:38

Instrument :

MSVOA_X

ClientSampleId :

SU-04-080919-B

Tgt Ion: 43 Resp: 1513

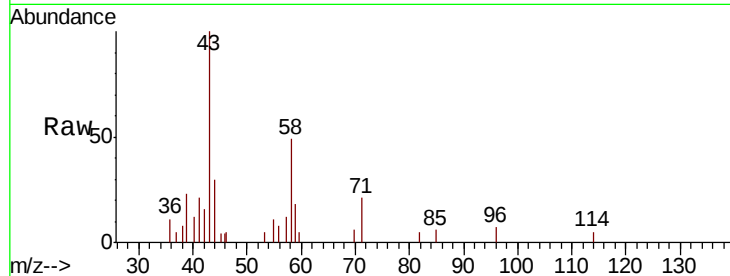
Ion Ratio Lower Upper

43 100

70 3.2 35.9 53.9#

55 8.9 19.8 29.6#

61 0.0 19.7 29.5#

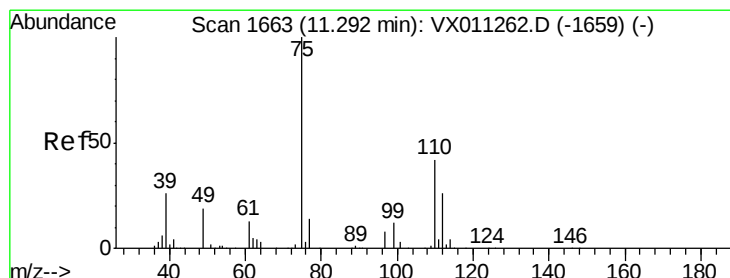
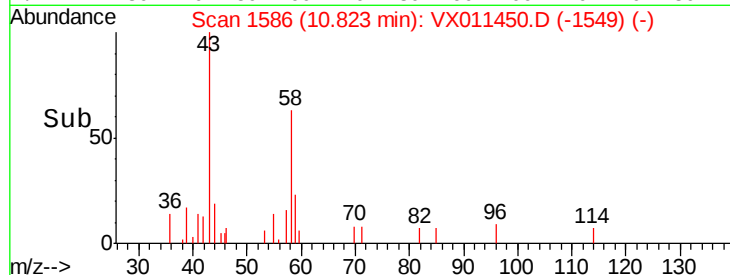
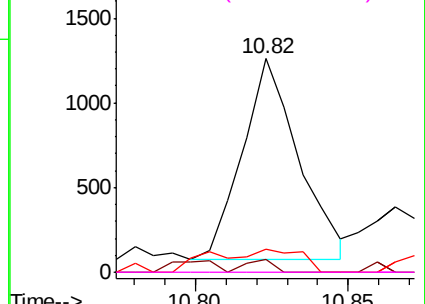


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 27.344 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011450.D

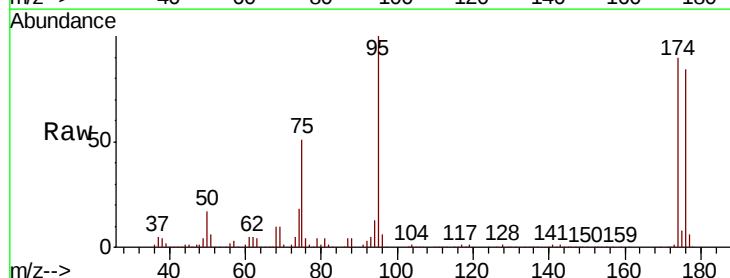
Acq: 11 Aug 2019 23:38

Tgt Ion: 75 Resp: 62303

Ion Ratio Lower Upper

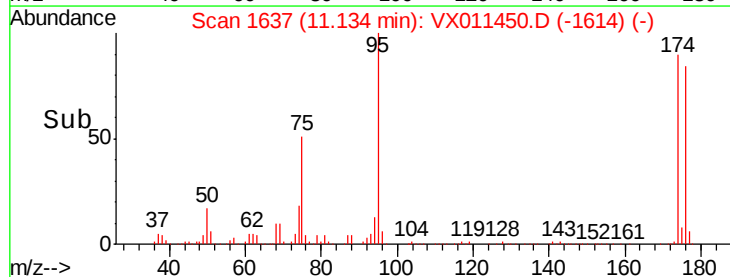
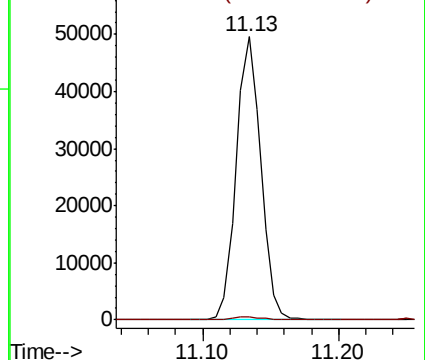
75 100

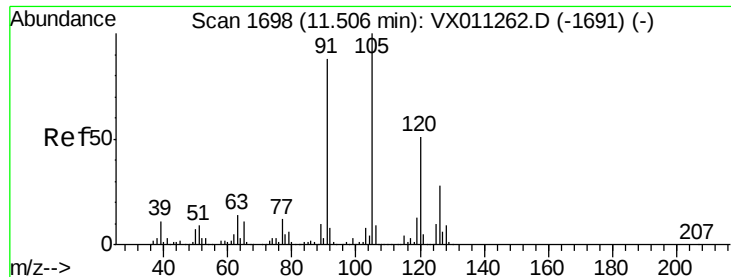
77 1.3 21.1 63.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#80

1,3,5-Trimethylbenzene

Concen: 0.682 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011450.D

Acq: 11 Aug 2019 23:38

Instrument :

MSVOA_X

ClientSampleId :

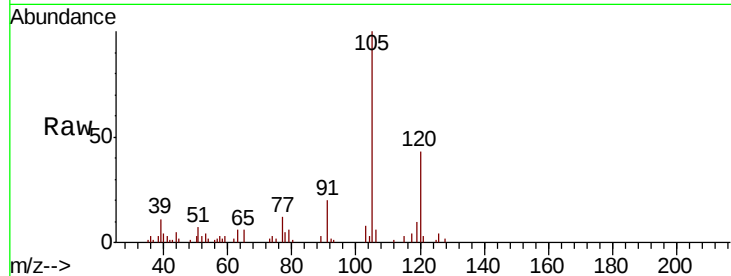
SU-04-080919-B

Tgt Ion:105 Resp: 4884

Ion Ratio Lower Upper

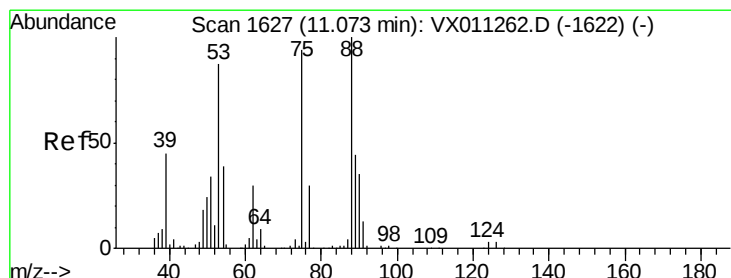
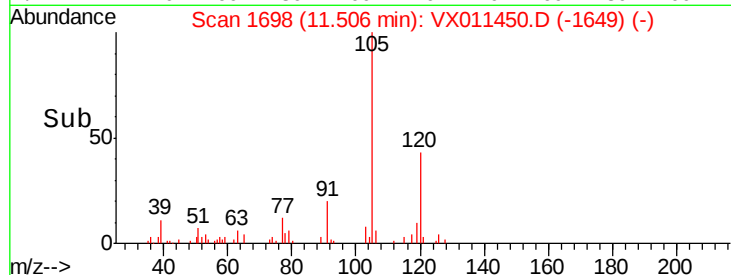
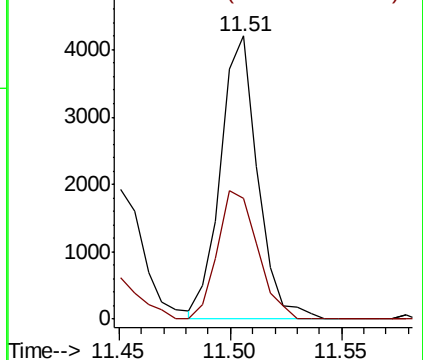
105 100

120 48.9 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 70.933 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011450.D

Acq: 11 Aug 2019 23:38

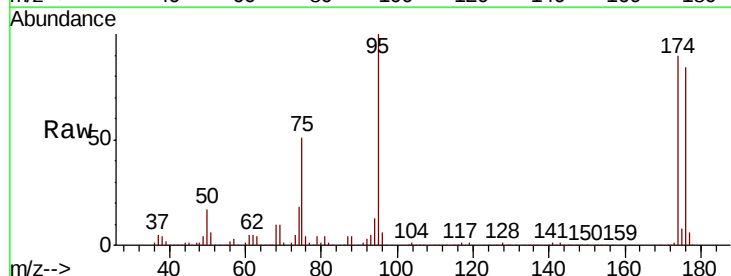
Tgt Ion: 75 Resp: 62303

Ion Ratio Lower Upper

75 100

53 0.2 78.2 117.4#

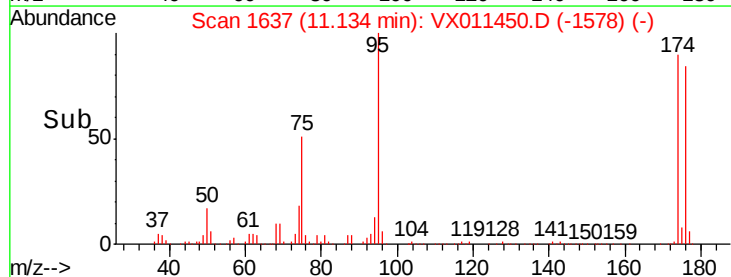
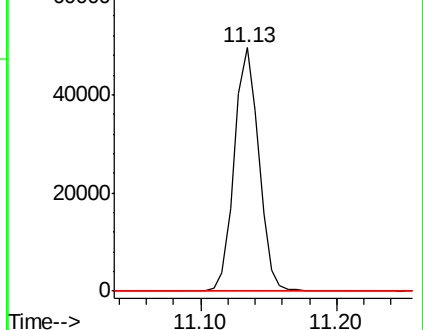
89 0.0 37.9 56.9#

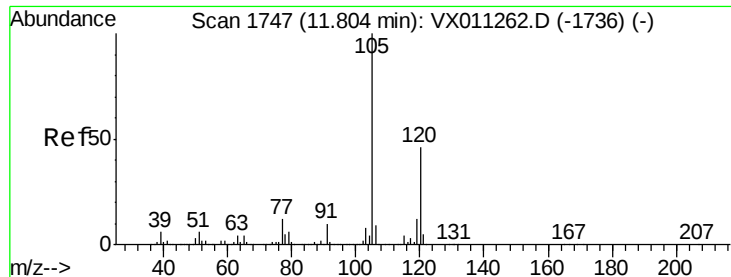


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

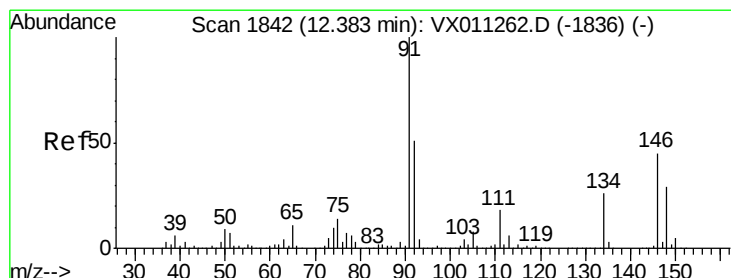
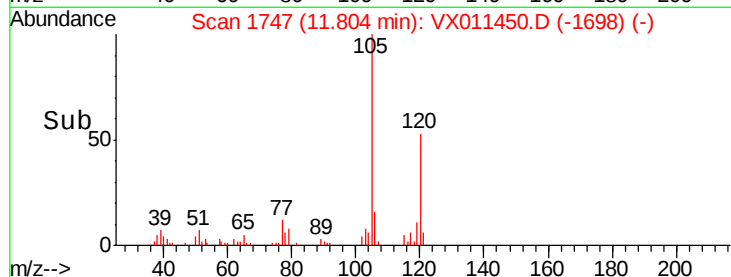
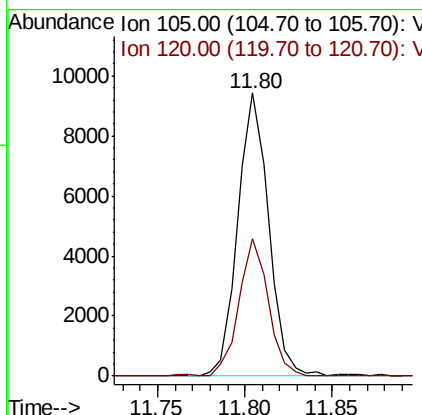
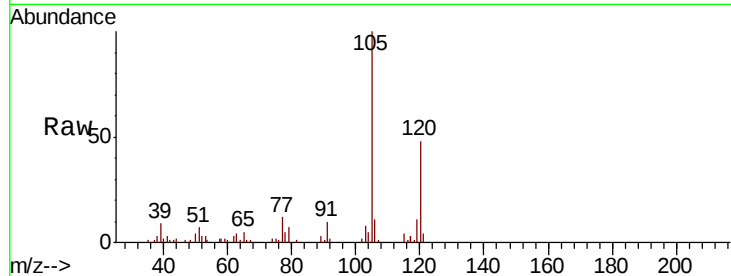




#84
 1,2,4-Trimethylbenzene
 Concen: 1.619 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011450.D
 Acq: 11 Aug 2019 23:38

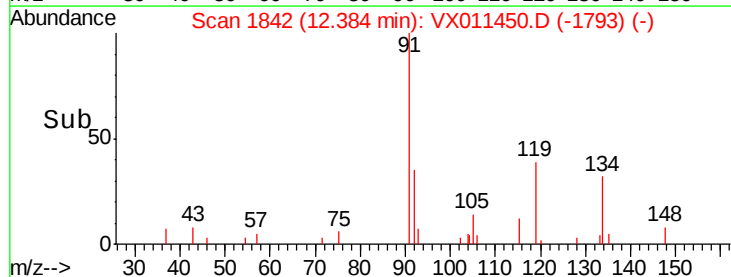
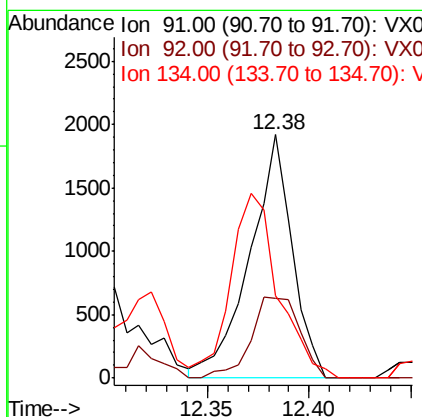
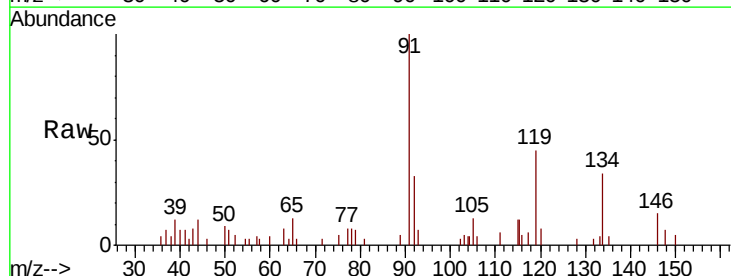
Instrument :
 MSVOA_X
 ClientSampleID :
 SU-04-080919-B

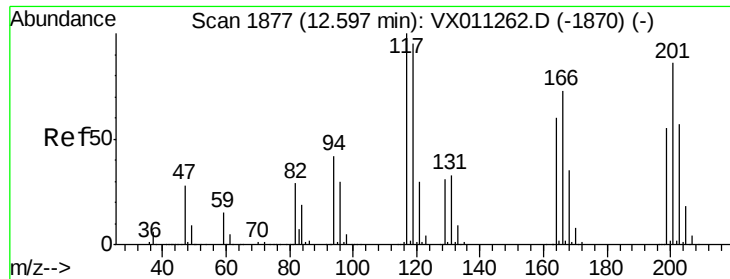
Tgt Ion: 105 Resp: 11547
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.0 69.0



#89
 n-Butylbenzene
 Concen: 0.416 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX011450.D
 Acq: 11 Aug 2019 23:38

Tgt Ion: 91 Resp: 2783
 Ion Ratio Lower Upper
 91 100
 92 38.2 25.8 77.3
 134 85.2 13.7 41.0#





#90

Hexachloroethane

Concen: 0.437 ug/l

RT: 12.58 min Scan# 1874

Delta R.T. -0.02 min

Lab File: VX011450.D

Acq: 11 Aug 2019 23:38

Instrument :

MSVOA_X

ClientSampleId :

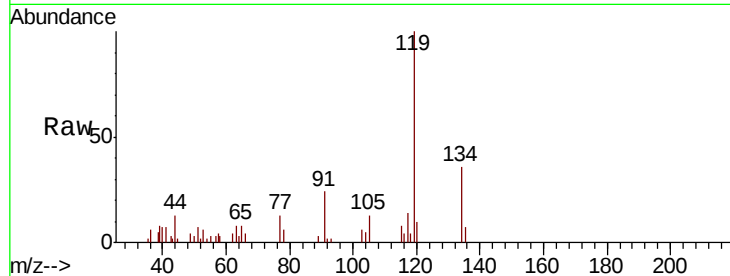
SU-04-080919-B

Tgt Ion:117 Resp: 502

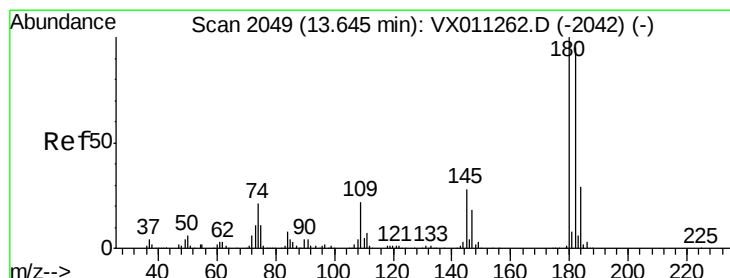
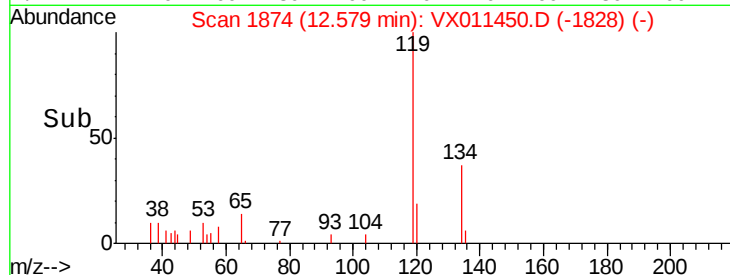
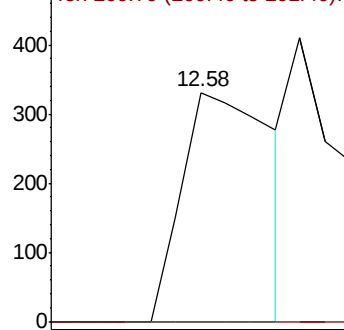
Ion Ratio Lower Upper

117 100

201 0.0 41.8 125.4#



Abundance Ion 116.80 (116.50 to 117.50): V



#93

1,2,4-Trichlorobenzene

Concen: 0.236 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX011450.D

Acq: 11 Aug 2019 23:38

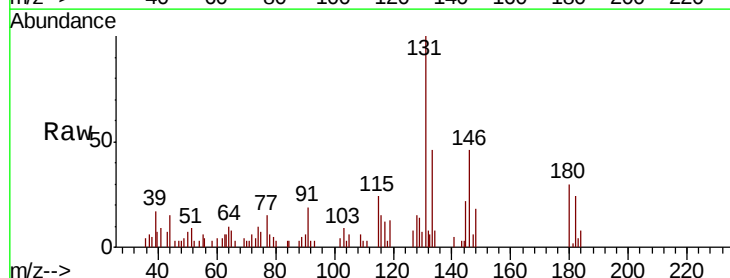
Tgt Ion:180 Resp: 660

Ion Ratio Lower Upper

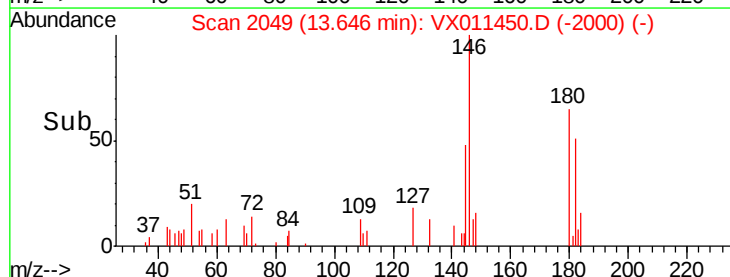
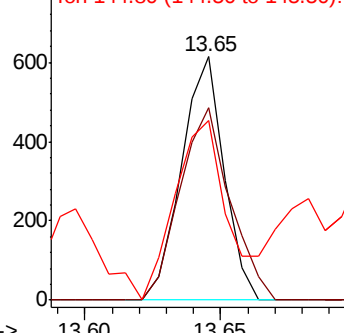
180 100

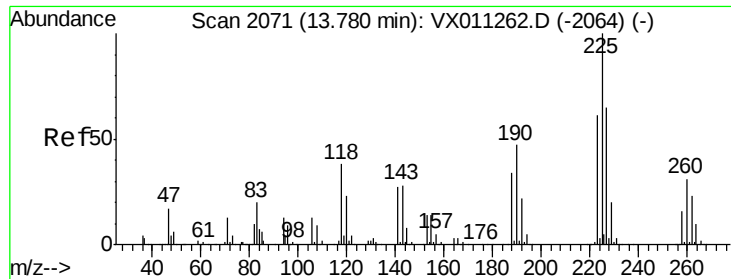
182 93.8 47.8 143.4

145 87.3 14.8 44.3#



Abundance Ion 179.80 (179.50 to 180.50): V





#94

Hexachlorobutadiene

Concen: 0.205 ug/l

RT: 13.77 min Scan# 2070

Delta R.T. -0.01 min

Lab File: VX011450.D

Acq: 11 Aug 2019 23:38

Instrument :

MSVOA_X

ClientSampleId :

SU-04-080919-B

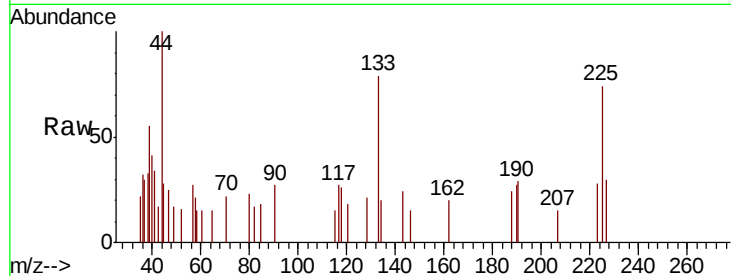
Tgt Ion:225 Resp: 290

Ion Ratio Lower Upper

225 100

223 54.1 31.0 93.0

227 59.3 32.2 96.6

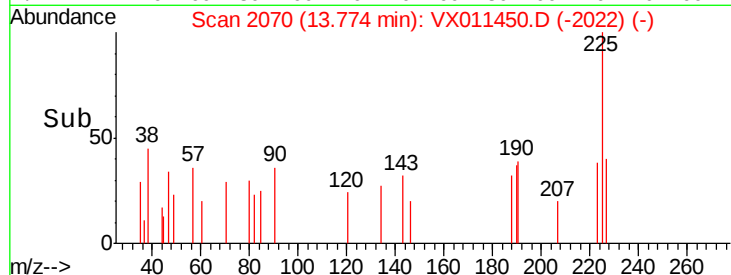


Abundance Ion 224.70 (224.40 to 225.40): V

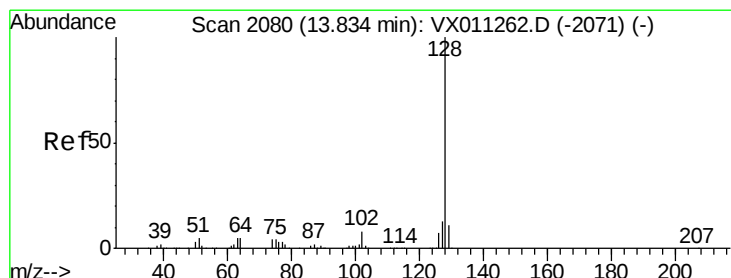
Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

Time-->



Time-->



#95

Naphthalene

Concen: 1.067 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX011450.D

Acq: 11 Aug 2019 23:38

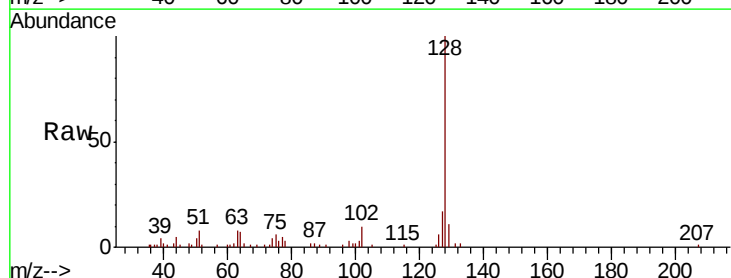
Tgt Ion:128 Resp: 8721

Ion Ratio Lower Upper

128 100

127 14.3 10.4 15.6

129 12.4 8.9 13.3

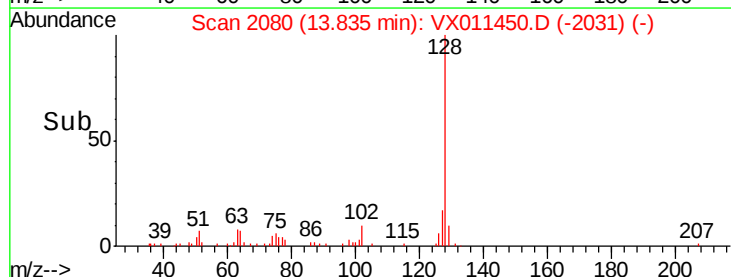


Abundance Ion 128.00 (127.70 to 128.70): V

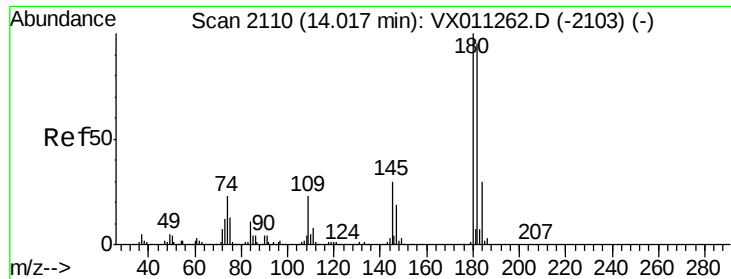
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

Time-->



Time-->



#96
 1,2,3-Trichlorobenzene
 Concen: 0.255 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX011450.D
 Acq: 11 Aug 2019 23:38

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-04-080919-B

Tgt Ion	Ratio	Lower	Upper
180	100		
182	84.8	47.4	142.3
145	58.7	15.2	45.6

