

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082419\
 Data File : VX011818.D
 Acq On : 24 Aug 2019 15:05
 Operator : JC/SP
 Sample : PB122505TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB122505TB

Quant Time: Aug 26 04:08:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	468206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	627244	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	579198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	301159	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	208307	44.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.58%	
35) Dibromofluoromethane	5.49	113	185004	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	
50) Toluene-d8	8.71	98	716019	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
62) 4-Bromofluorobenzene	11.13	95	252783	45.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.42%	

Target Compounds					Qvalue	
5) Bromomethane	1.65	94	647	0.307	ug/l	89
8) Diethyl Ether	2.18	74	504	0.243	ug/l	62
10) Methyl Iodide	2.51	142	1324	0.287	ug/l #	85
11) Tert butyl alcohol	3.01	59	3441	3.702	ug/l	98
13) Acrolein	2.29	56	186	0.518	ug/l #	40
15) Acrylonitrile	3.14	53	723	0.340	ug/l #	82
16) Acetone	2.43	43	7866	3.845	ug/l	91
17) Carbon Disulfide	2.57	76	2895	0.311	ug/l #	73
18) Methyl Acetate	2.77	43	3468	0.625	ug/l	92
20) Methylene Chloride	2.85	84	8963	2.143	ug/l	88
25) 2-Butanone	4.69	43	1081	0.368	ug/l #	48
29) Tetrahydrofuran	5.14	42	775	0.412	ug/l #	71
36) 1,1-Dichloropropene	5.65	75	25434	5.171	ug/l #	52
37) Ethyl Acetate	4.87	43	1101	0.212	ug/l #	93
38) Carbon Tetrachloride	5.65	117	38134	6.841	ug/l #	15
42) 1,2-Dichloroethane	6.20	62	1170	0.210	ug/l	93
43) Isopropyl Acetate	6.44	43	70983	8.426	ug/l	99
48) Methyl methacrylate	7.67	41	5554	1.325	ug/l #	15
49) 1,4-Dioxane	7.71	88	199	1.713	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	69632	12.543	ug/l #	52
54) cis-1,3-Dichloropropene	8.61	75	34247	5.891	ug/l #	59
59) 2-Hexanone	9.54	43	84832	19.910	ug/l #	50
68) m/p-Xylenes	10.36	106	1598	0.219	ug/l #	64
74) N-amyl acetate	10.82	43	3446	0.490	ug/l #	57
76) 1,2,3-Trichloropropane	11.13	75	111430	21.087	ug/l #	36
79) 2-Chlorotoluene	11.51	91	3057	0.253	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	13641	0.901	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	111430	63.593	ug/l #	11
82) 4-Chlorotoluene	11.51	91	3065	0.220	ug/l	89
87) 1,3-Dichlorobenzene	12.02	146	2203	0.239	ug/l	91
88) 1,4-Dichlorobenzene	12.02	146	2203	0.236	ug/l	90
89) n-Butylbenzene	12.38	91	2840	0.209	ug/l	94
93) 1,2,4-Trichlorobenzene	13.65	180	2729	0.399	ug/l	100
94) Hexachlorobutadiene	13.78	225	969	0.259	ug/l #	77

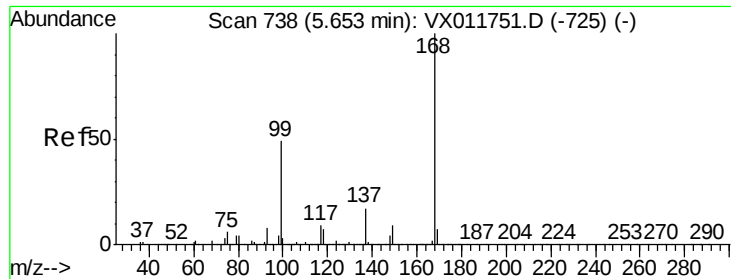
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082419\
Data File : VX011818.D
Acq On : 24 Aug 2019 15:05
Operator : JC/SP
Sample : PB122505TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB122505TB

Quant Time: Aug 26 04:08:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	5504	0.292	ug/l #	84
96) 1,2,3-Trichlorobenzene	14.02	180	2265	0.330	ug/l #	91

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011818.D

Acq: 24 Aug 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

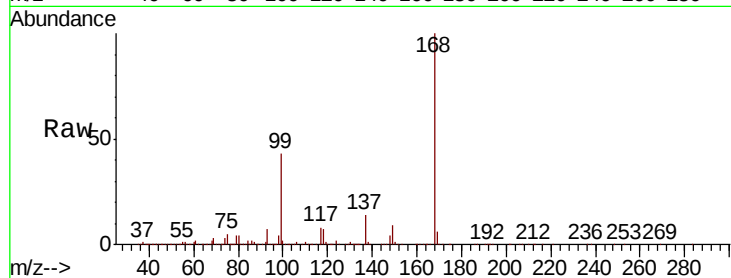
PB122505TB

Tgt Ion:168 Resp: 468206

Ion Ratio Lower Upper

168 100

99 43.1 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

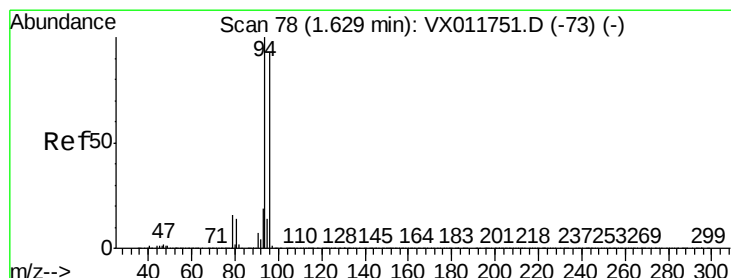
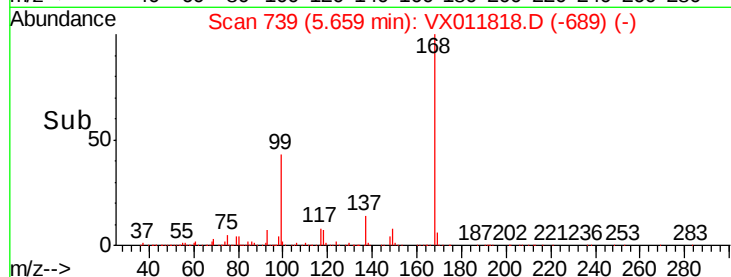
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.307 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.02 min

Lab File: VX011818.D

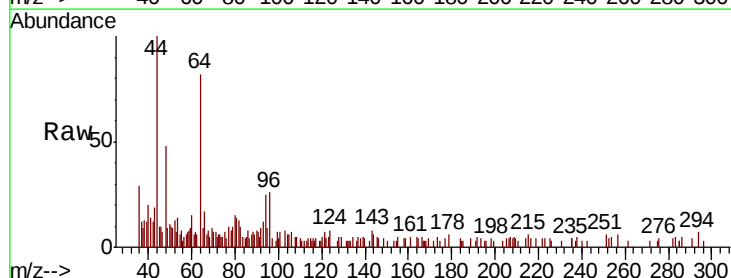
Acq: 24 Aug 2019 15:05

Tgt Ion: 94 Resp: 647

Ion Ratio Lower Upper

94 100

96 81.6 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

500

400

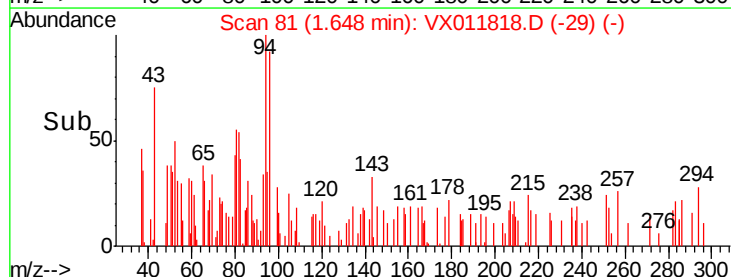
300

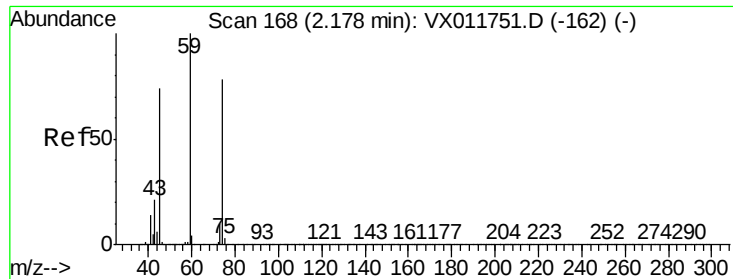
200

100

0

Time-->





#8

Diethyl Ether

Concen: 0.243 ug/l

RT: 2.18 min Scan# 168

Delta R.T. -0.00 min

Lab File: VX011818.D

Acq: 24 Aug 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

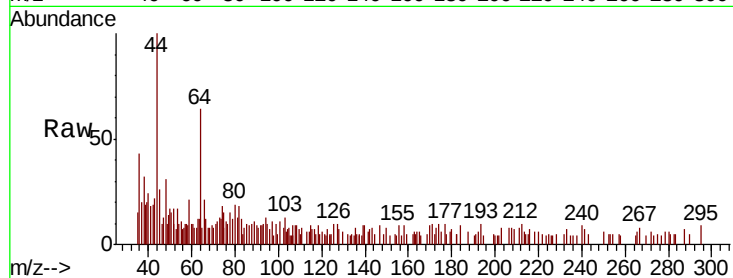
PB122505TB

Tgt Ion: 74 Resp: 504

Ion Ratio Lower Upper

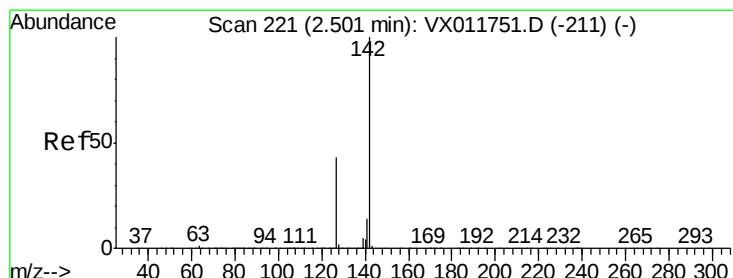
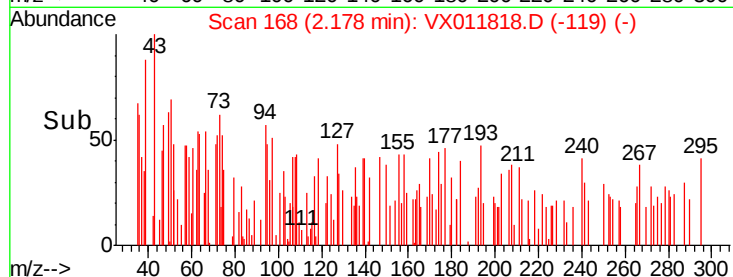
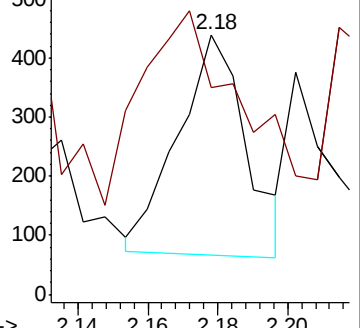
74 100

45 129.8 46.7 140.0



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#10

Methyl Iodide

Concen: 0.287 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.01 min

Lab File: VX011818.D

Acq: 24 Aug 2019 15:05

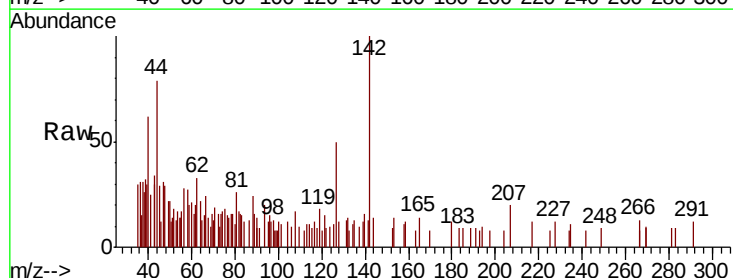
Tgt Ion: 142 Resp: 1324

Ion Ratio Lower Upper

142 100

127 54.0 33.5 50.3#

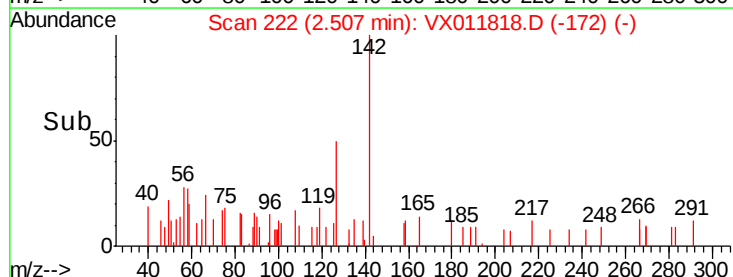
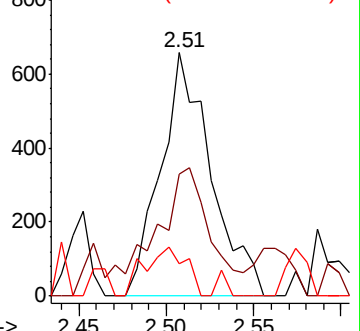
141 16.2 11.4 17.2

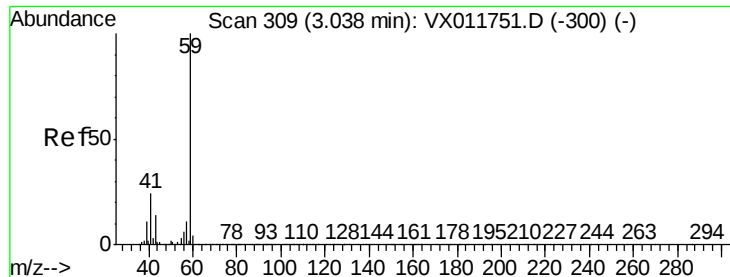


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

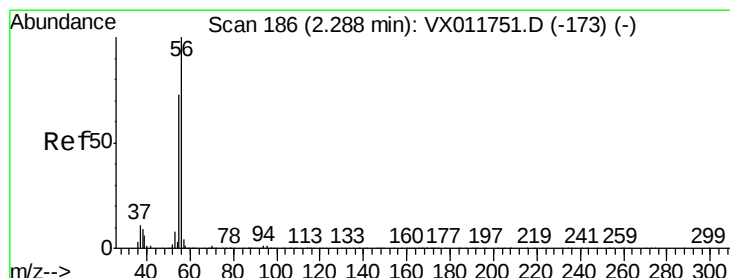
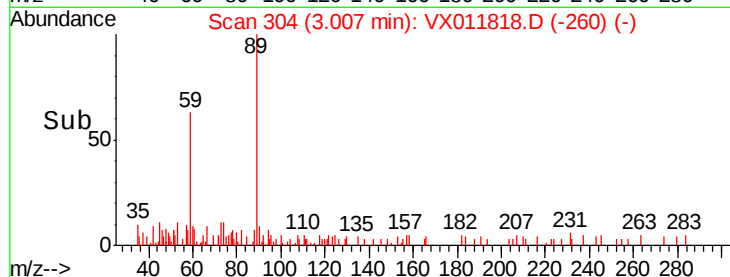
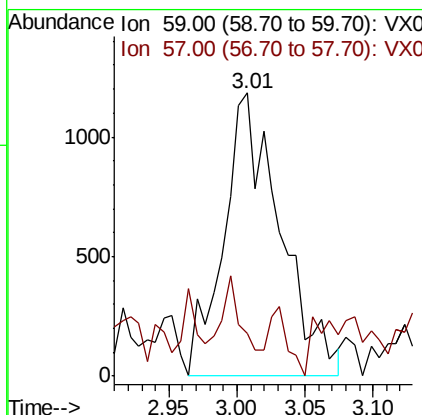
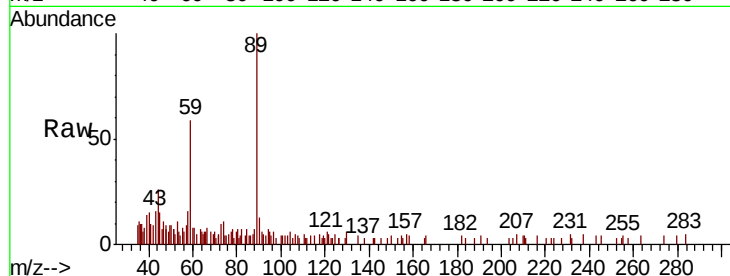




#11
Tert butyl alcohol
Concen: 3.702 ug/l
RT: 3.01 min Scan# 304
Delta R.T. -0.03 min
Lab File: VX011818.D
Acq: 24 Aug 2019 15:05

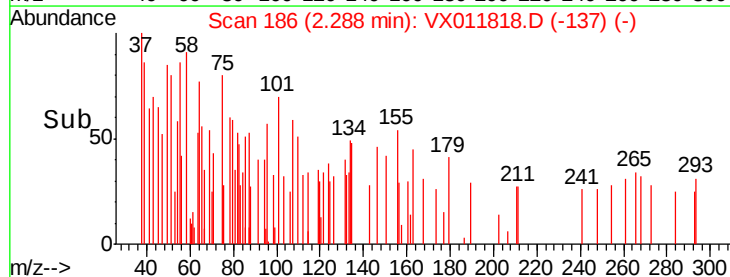
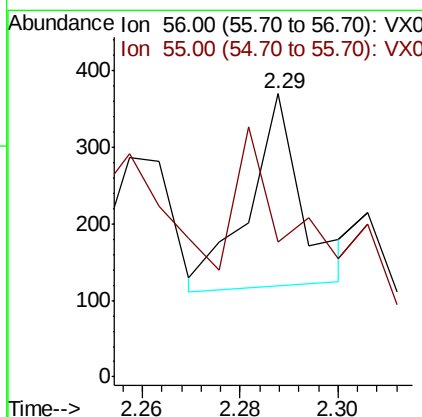
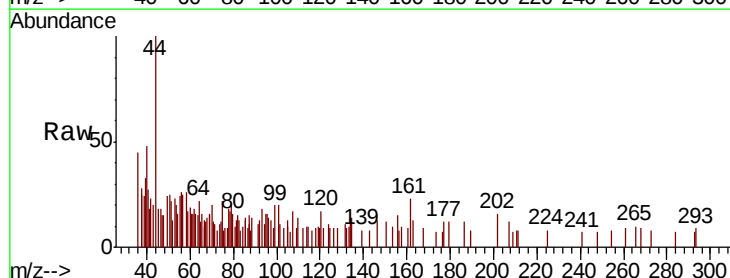
Instrument :
MSVOA_X
ClientSampleId :
PB122505TB

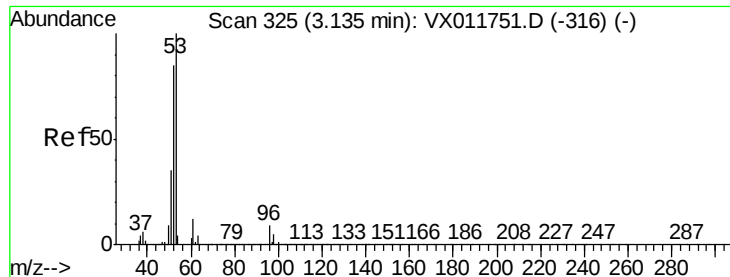
Tgt Ion: 59 Resp: 3441
Ion Ratio Lower Upper
59 100
57 9.9 8.4 12.6



#13
Acrolein
Concen: 0.518 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.00 min
Lab File: VX011818.D
Acq: 24 Aug 2019 15:05

Tgt Ion: 56 Resp: 186
Ion Ratio Lower Upper
56 100
55 117.2 54.8 82.2#





#15

Acrylonitrile

Concen: 0.340 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX011818.D

Acq: 24 Aug 2019 15:05

Instrument :

MSVOA_X

ClientSampled :

PB122505TB

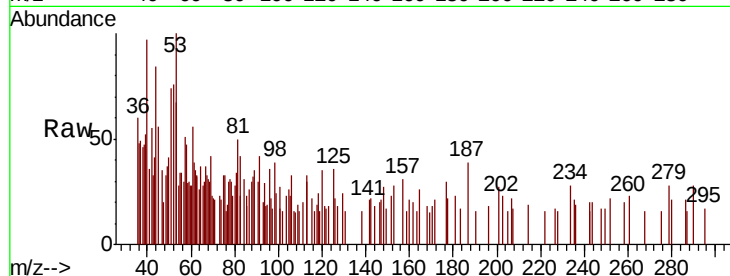
Tgt Ion: 53 Resp: 723

Ion Ratio Lower Upper

53 100

52 75.8 65.7 98.5

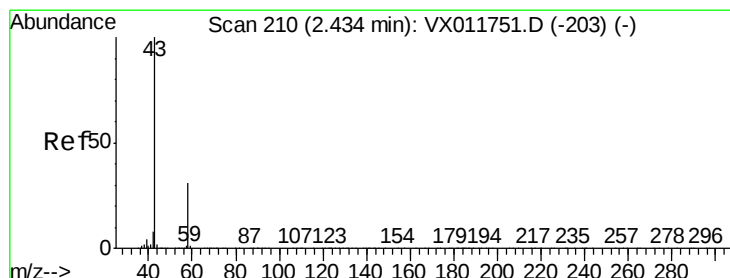
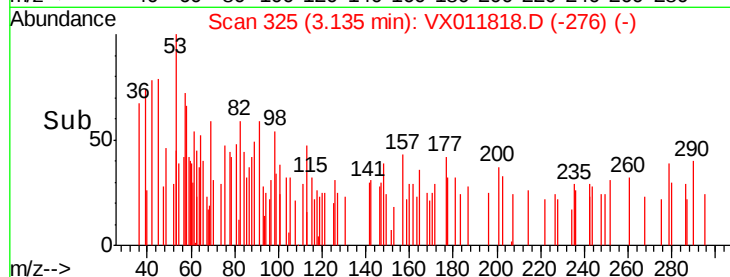
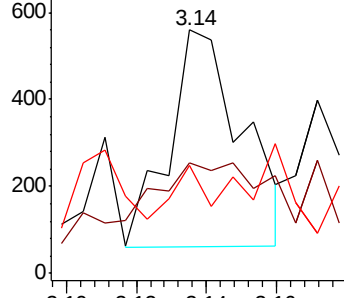
51 10.0 28.6 43.0#



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: 3.845 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011818.D

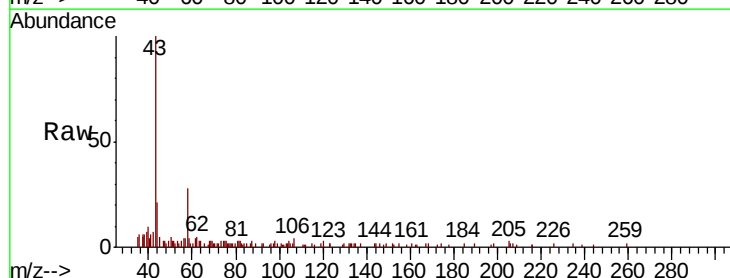
Acq: 24 Aug 2019 15:05

Tgt Ion: 43 Resp: 7866

Ion Ratio Lower Upper

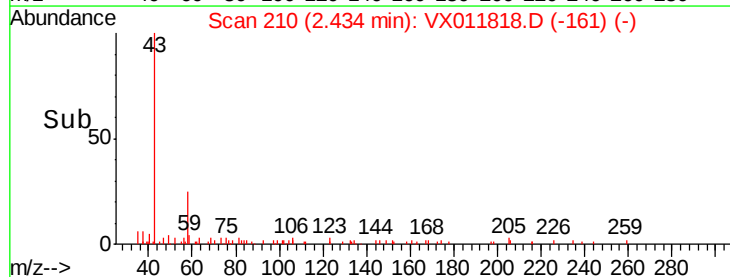
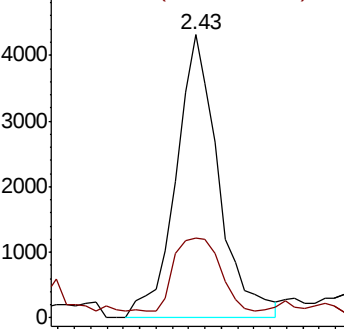
43 100

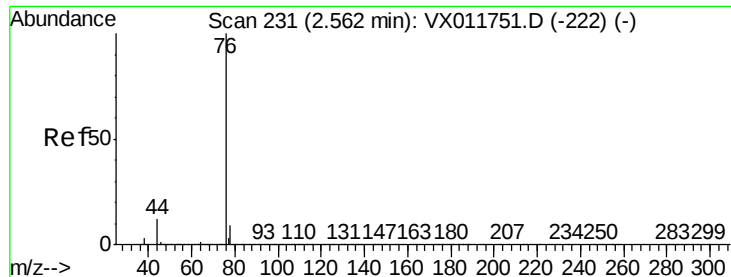
58 25.7 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

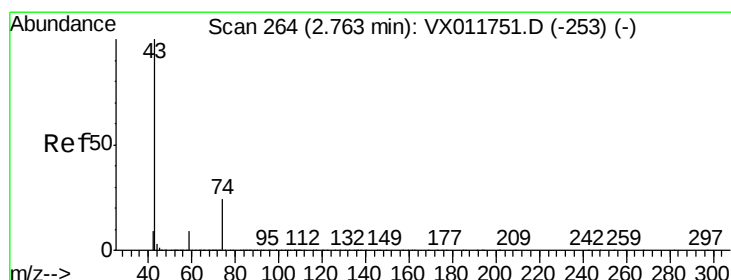
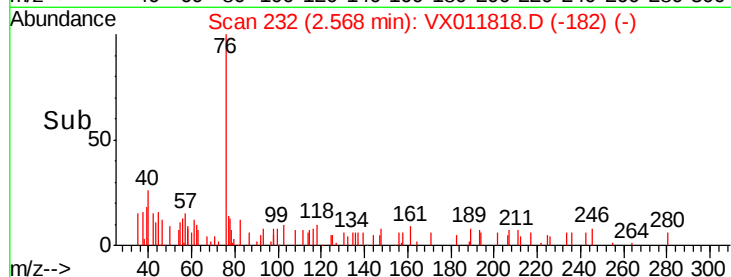
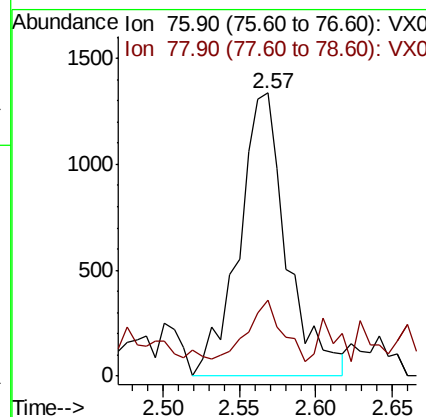
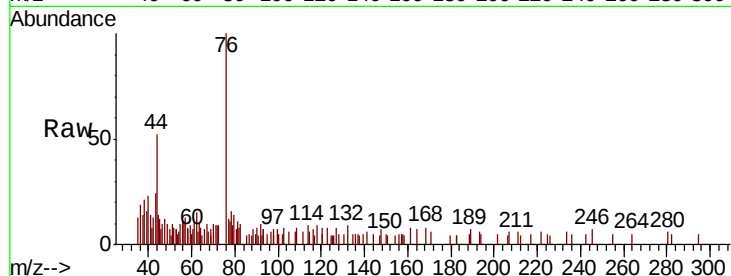




#17
Carbon Disulfide
Concen: 0.311 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.01 min
Lab File: VX011818.D
Acq: 24 Aug 2019 15:05

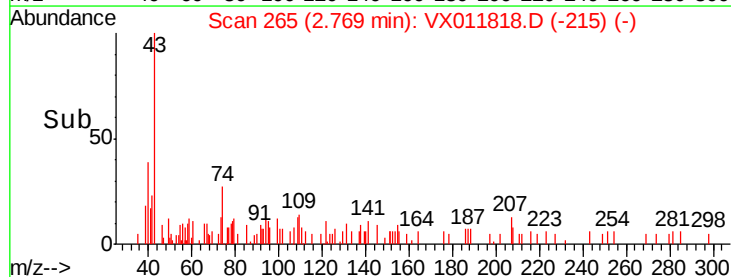
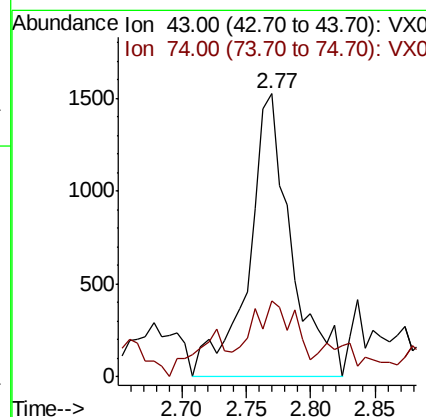
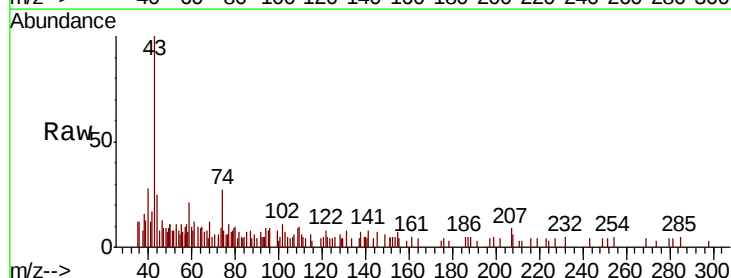
Instrument :
MSVOA_X
ClientSampled :
PB122505TB

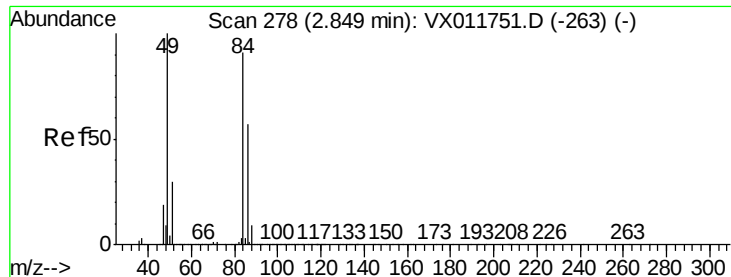
Tgt Ion: 76 Resp: 2895
Ion Ratio Lower Upper
76 100
78 19.1 7.4 11.0#



#18
Methyl Acetate
Concen: 0.625 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX011818.D
Acq: 24 Aug 2019 15:05

Tgt Ion: 43 Resp: 3468
Ion Ratio Lower Upper
43 100
74 28.3 19.5 29.3

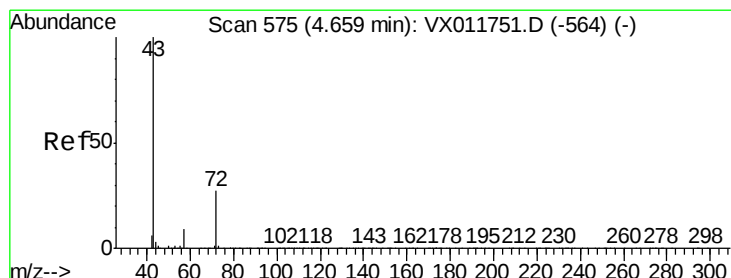
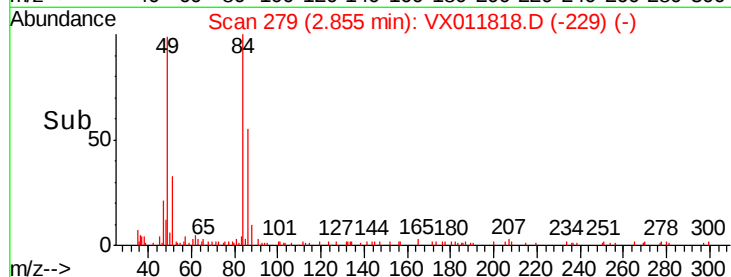
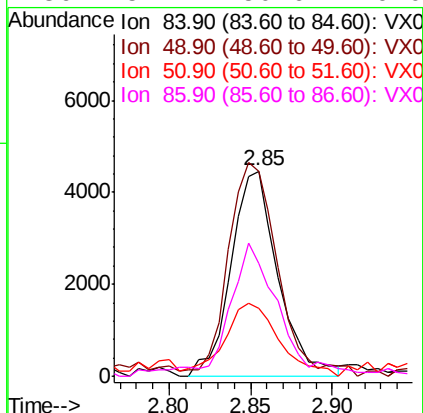
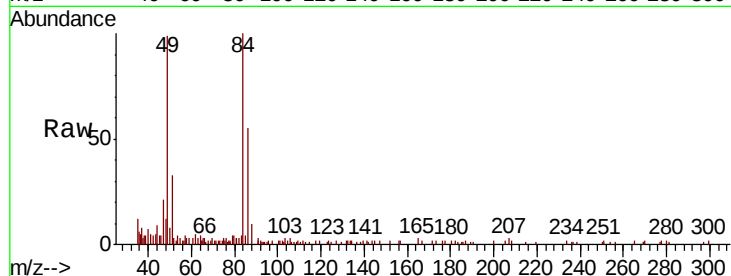




#20
Methylene Chloride
Concen: 2.143 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX011818.D
Acq: 24 Aug 2019 15:05

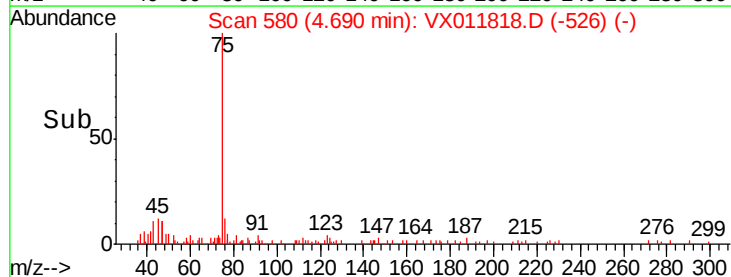
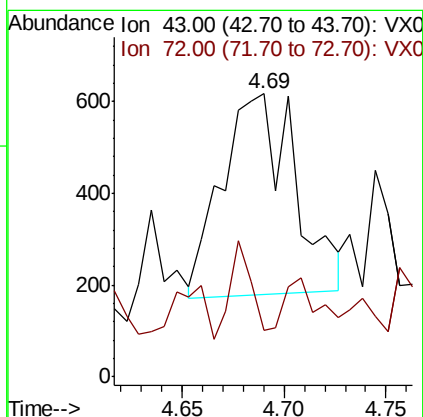
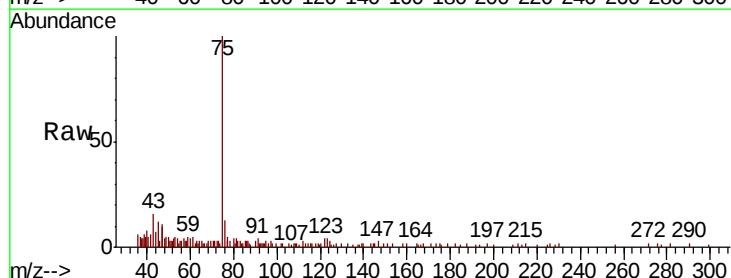
Instrument :
MSVOA_X
ClientSampleId :
PB122505TB

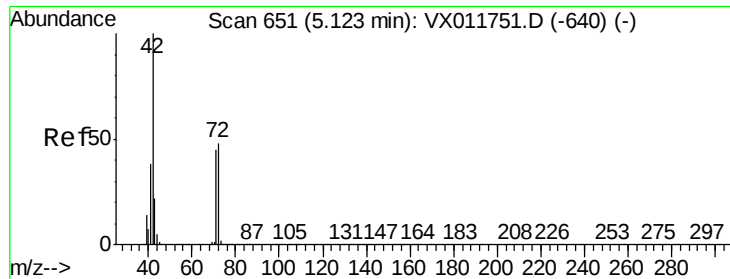
Tgt Ion:	84	Resp:	8963
Ion	Ratio	Lower	Upper
84	100		
49	96.1	88.3	132.5
51	33.3	26.2	39.2
86	51.1	50.6	76.0



#25
2-Butanone
Concen: 0.368 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.03 min
Lab File: VX011818.D
Acq: 24 Aug 2019 15:05

Tgt Ion:	43	Resp:	1081
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.8	32.6#





#29

Tetrahydrofuran

Concen: 0.412 ug/l

RT: 5.14 min Scan# 654

Delta R.T. 0.02 min

Lab File: VX011818.D

Acq: 24 Aug 2019 15:05

Instrument :

MSVOA_X

ClientSampled :

PB122505TB

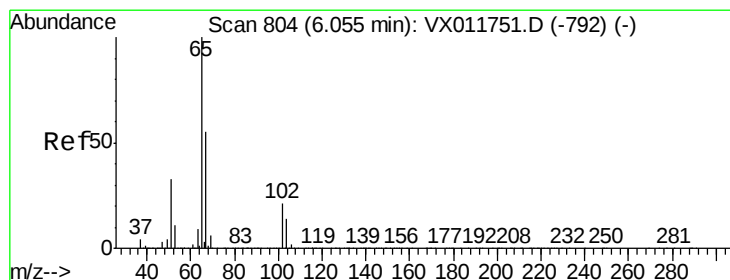
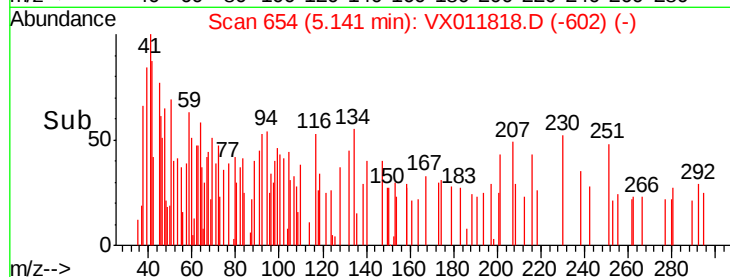
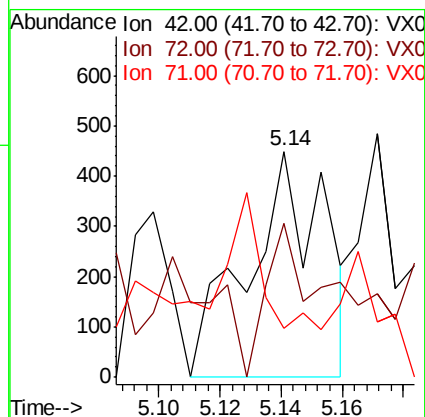
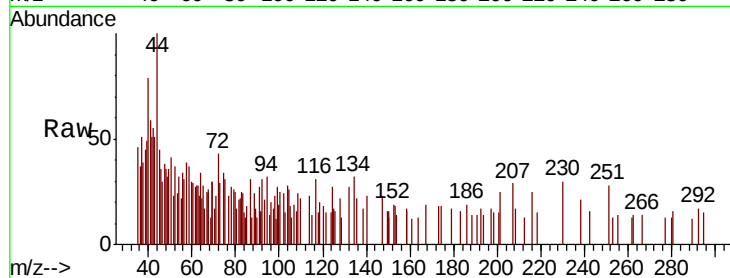
Tgt Ion: 42 Resp: 775

Ion Ratio Lower Upper

42 100

72 67.5 37.6 56.4#

71 26.3 34.6 51.8#



#33

1,2-Dichloroethane-d4

Concen: 44.288 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011818.D

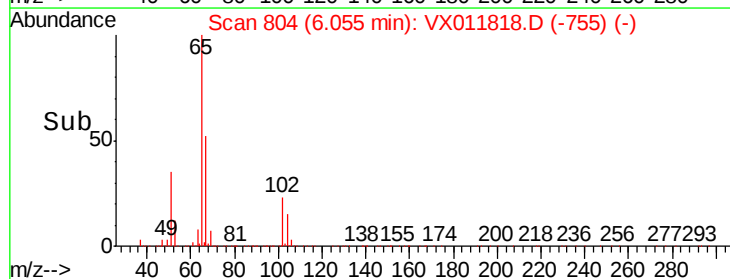
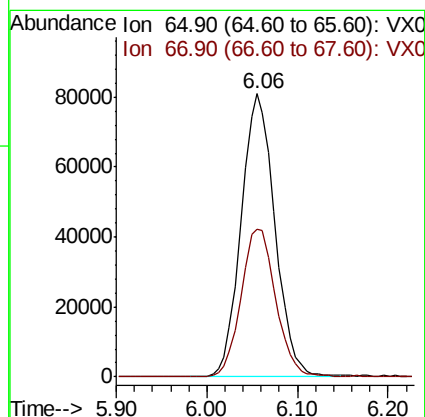
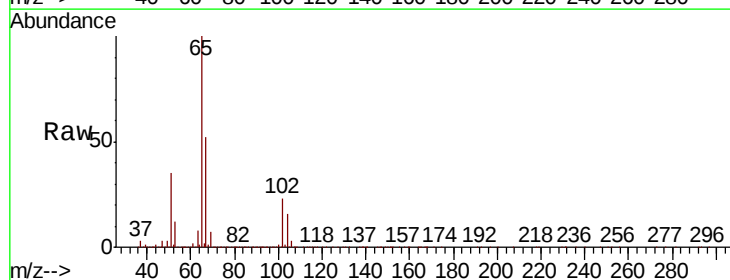
Acq: 24 Aug 2019 15:05

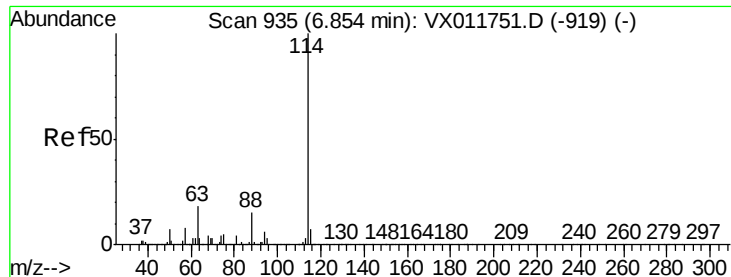
Tgt Ion: 65 Resp: 208307

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.00 min

Lab File: VX011818.D

Acq: 24 Aug 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

PB122505TB

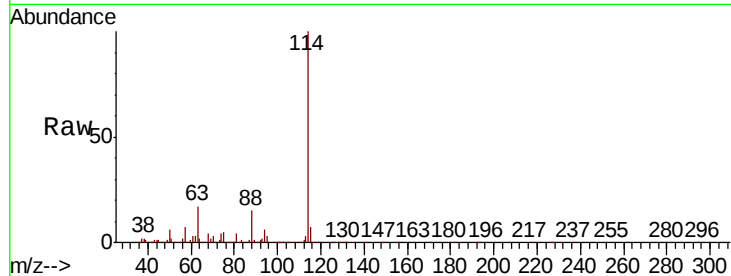
Tgt Ion:114 Resp: 627244

Ion Ratio Lower Upper

114 100

63 17.0 0.0 36.8

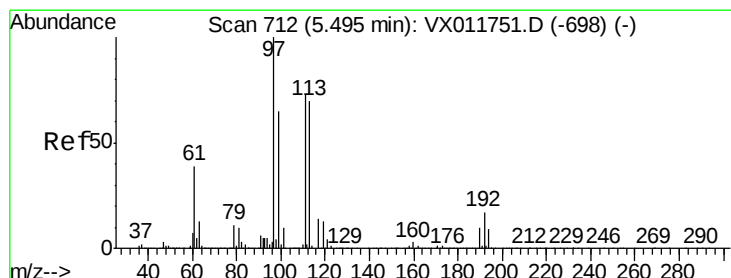
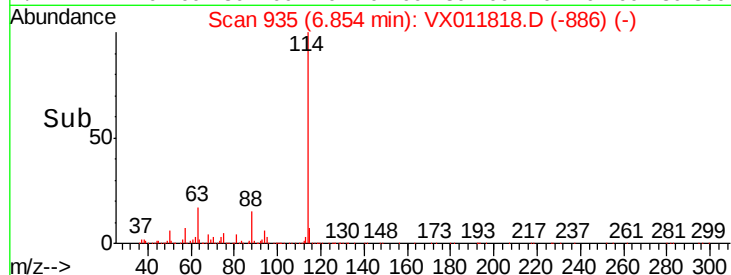
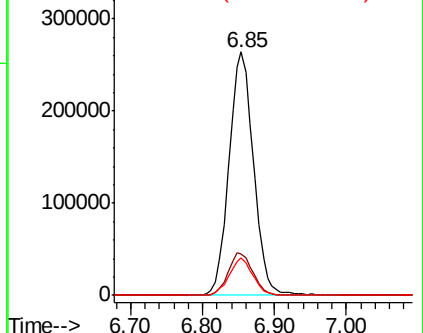
88 15.2 0.0 30.2



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: 45.612 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011818.D

Acq: 24 Aug 2019 15:05

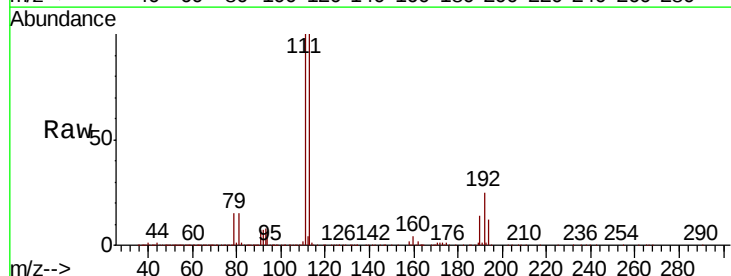
Tgt Ion:113 Resp: 185004

Ion Ratio Lower Upper

113 100

111 102.3 81.0 121.4

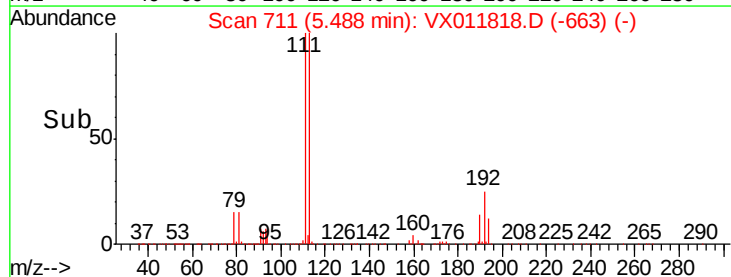
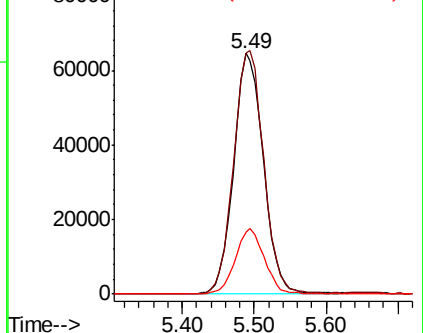
192 26.7 19.9 29.9

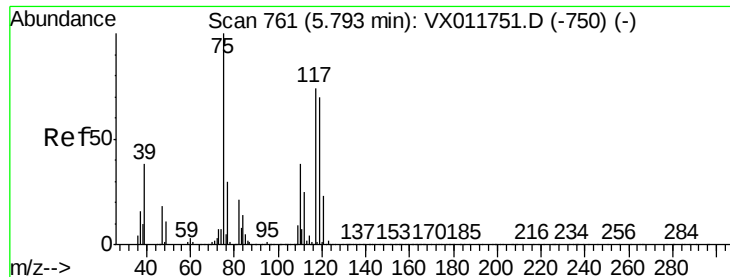


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

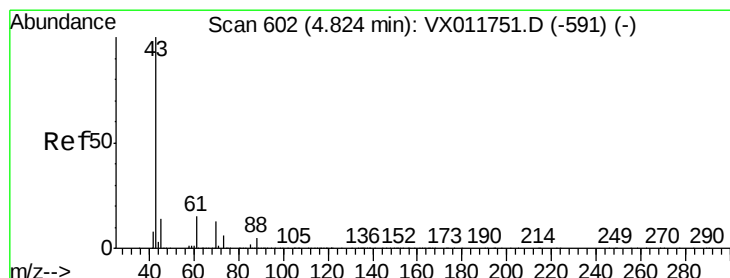
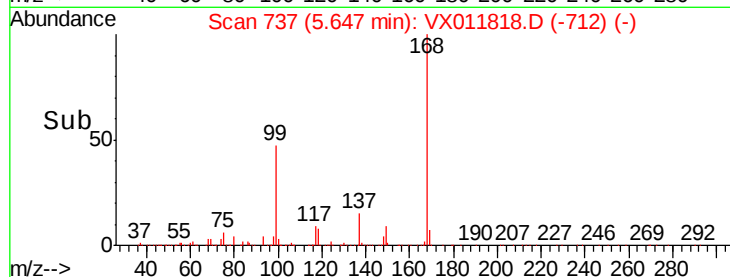
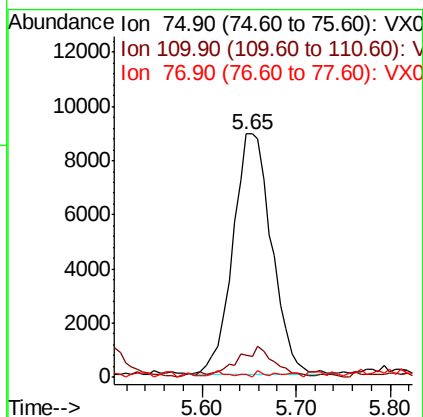
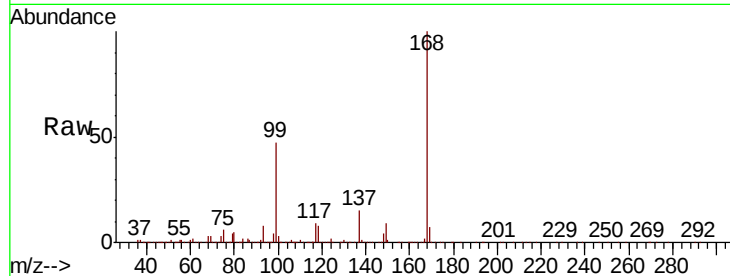




#36
 1,1-Dichloropropene
 Concen: 5.171 ug/l
 RT: 5.65 min Scan# 737
 Delta R.T. -0.15 min
 Lab File: VX011818.D
 Acq: 24 Aug 2019 15:05

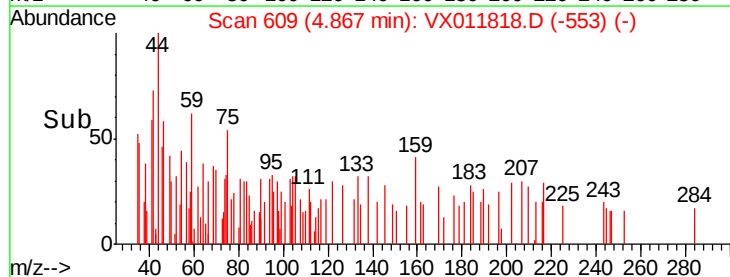
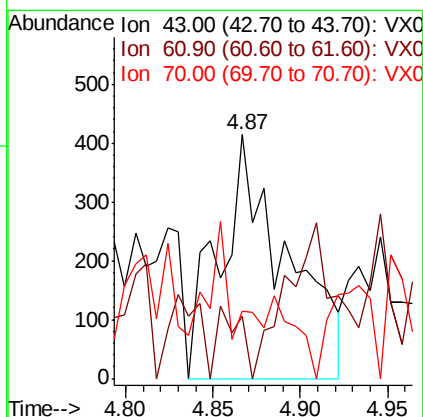
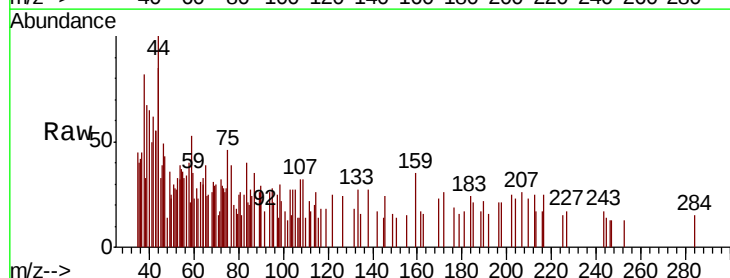
Instrument :
 MSVOA_X
 ClientSampleID :
 PB122505TB

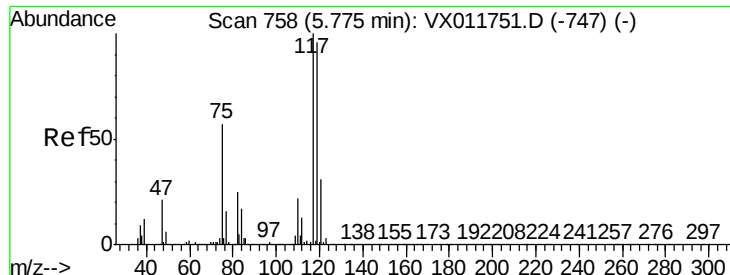
Tgt Ion	Ratio	Lower	Upper
75	100		
110	13.2	19.0	57.0#
77	0.3	24.6	36.8#



#37
 Ethyl Acetate
 Concen: 0.212 ug/l
 RT: 4.87 min Scan# 609
 Delta R.T. 0.04 min
 Lab File: VX011818.D
 Acq: 24 Aug 2019 15:05

Tgt Ion	Ratio	Lower	Upper
43	100		
61	10.2	11.5	17.3#
70	13.1	9.5	14.3





#38

Carbon Tetrachloride

Concen: 6.841 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.13 min

Lab File: VX011818.D

Acq: 24 Aug 2019 15:05

Instrument :

MSVOA_X

ClientSampled :

PB122505TB

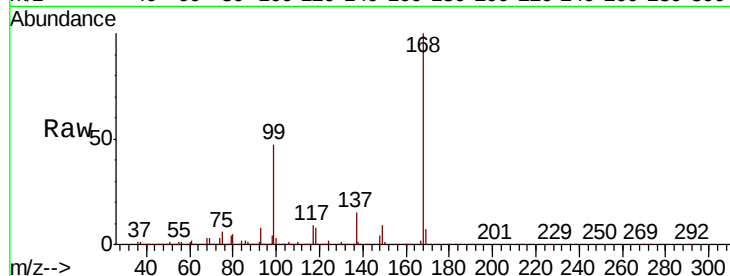
Tgt Ion: 117 Resp: 38134

Ion Ratio Lower Upper

117 100

119 4.0 76.6 114.8#

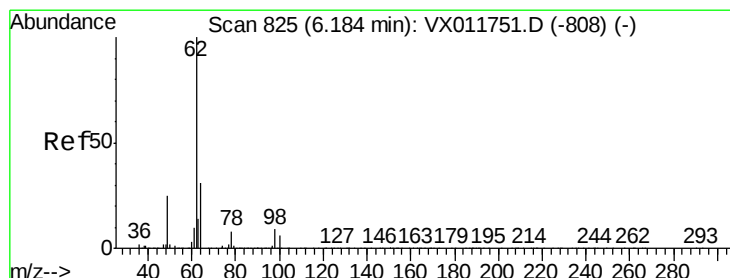
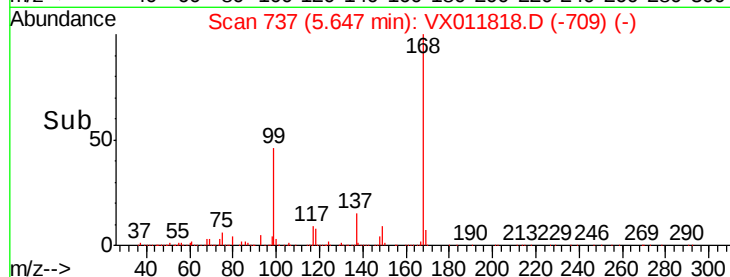
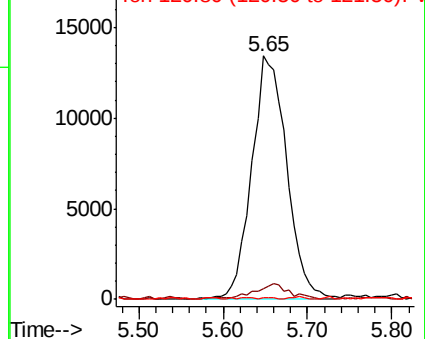
121 0.6 25.2 37.8#



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



#42

1,2-Dichloroethane

Concen: 0.210 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX011818.D

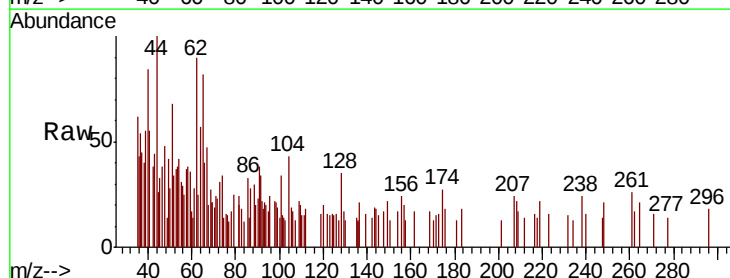
Acq: 24 Aug 2019 15:05

Tgt Ion: 62 Resp: 1170

Ion Ratio Lower Upper

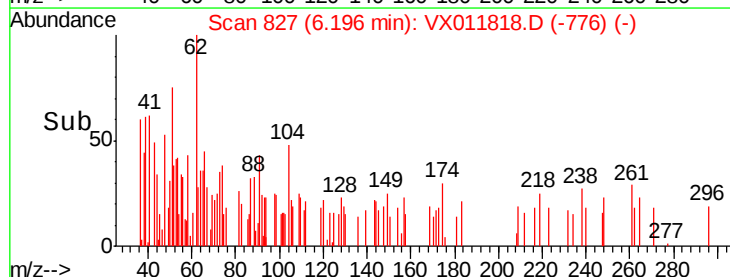
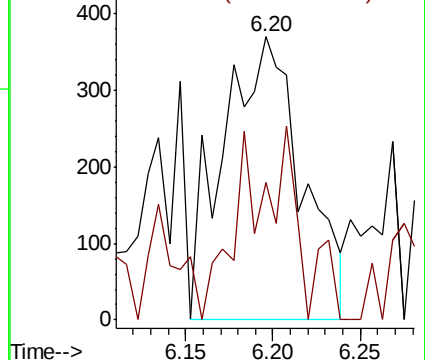
62 100

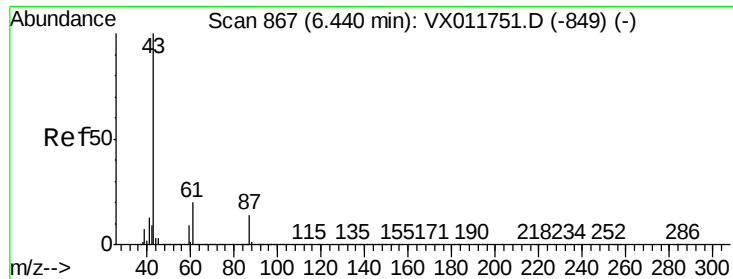
98 12.0 0.0 18.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 8.426 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: VX011818.D

Acq: 24 Aug 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

PB122505TB

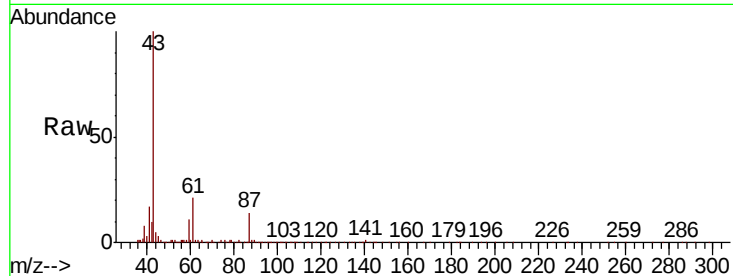
Tgt Ion: 43 Resp: 70983

Ion Ratio Lower Upper

43 100

61 19.8 16.2 24.2

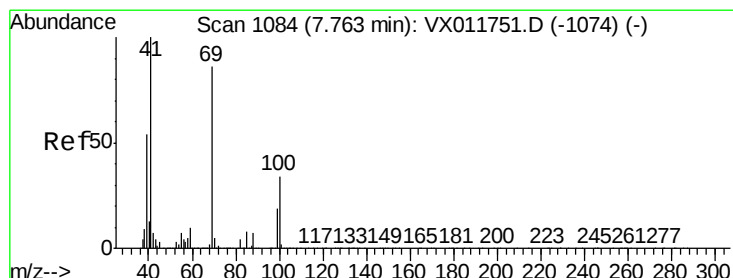
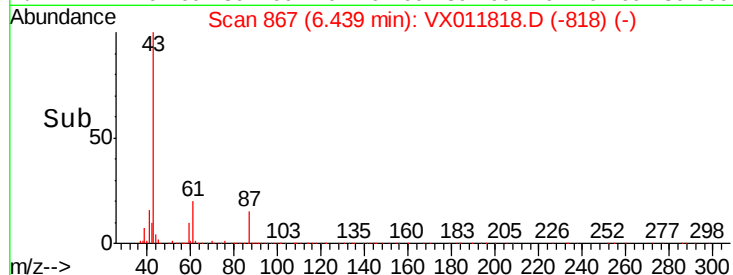
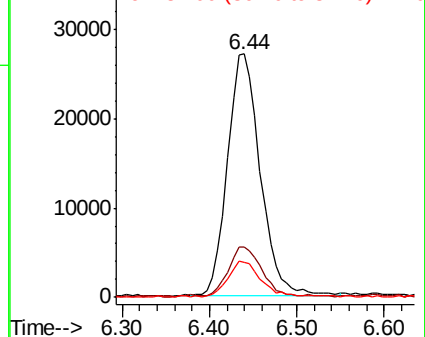
87 15.3 11.6 17.4



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: 1.325 ug/l

RT: 7.67 min Scan# 1069

Delta R.T. -0.09 min

Lab File: VX011818.D

Acq: 24 Aug 2019 15:05

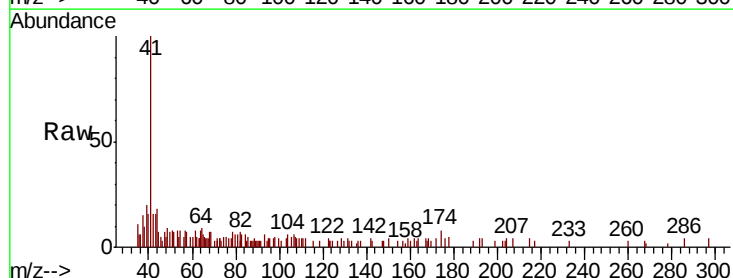
Tgt Ion: 41 Resp: 5554

Ion Ratio Lower Upper

41 100

69 3.2 69.4 104.2#

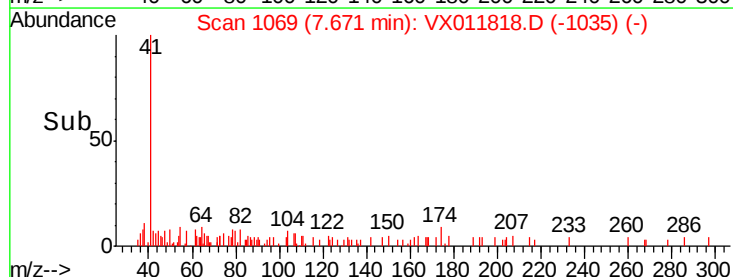
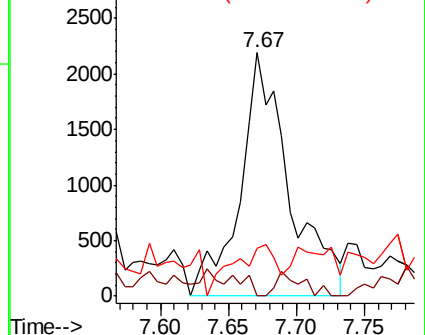
39 0.0 43.6 65.4#

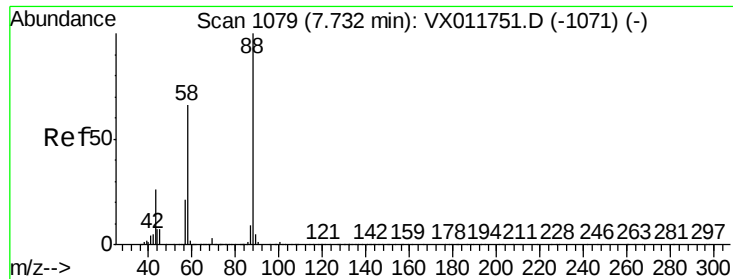


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

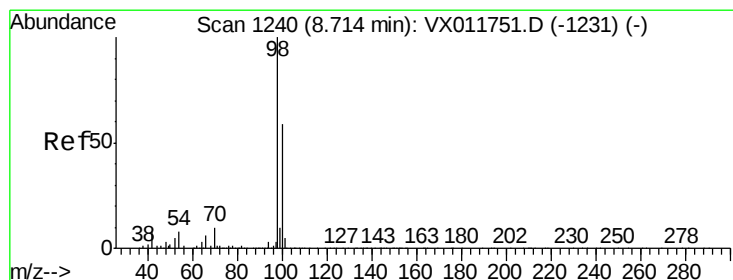
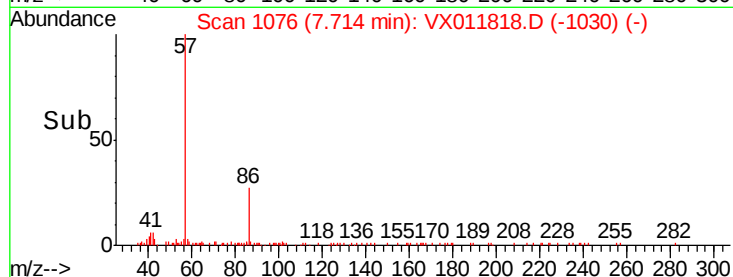
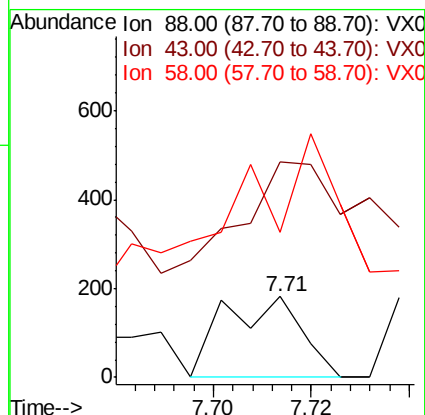
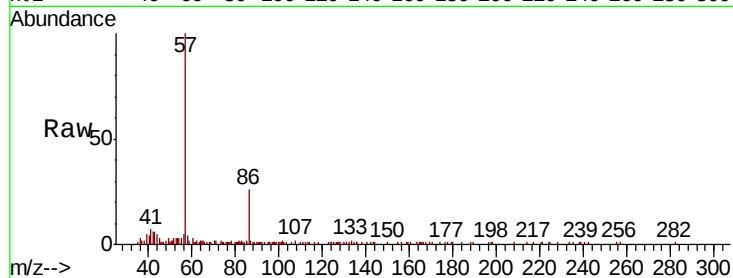




#49
1,4-Dioxane
Concen: 1.713 ug/l
RT: 7.71 min Scan# 1076
Delta R.T. -0.02 min
Lab File: VX011818.D
Acq: 24 Aug 2019 15:05

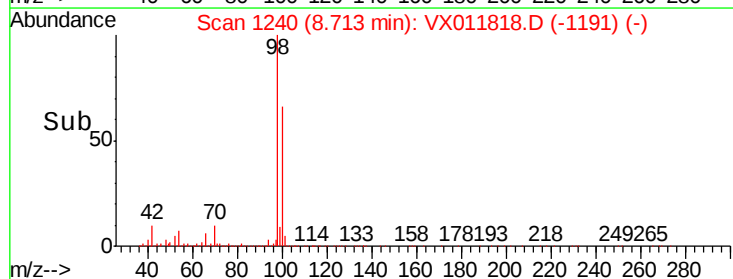
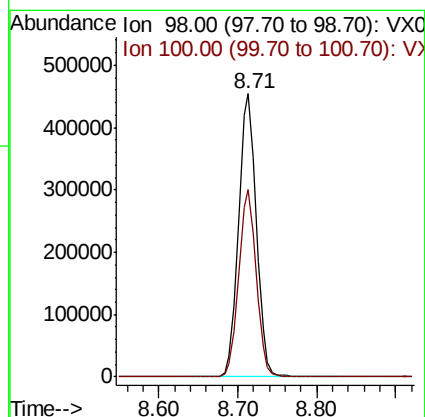
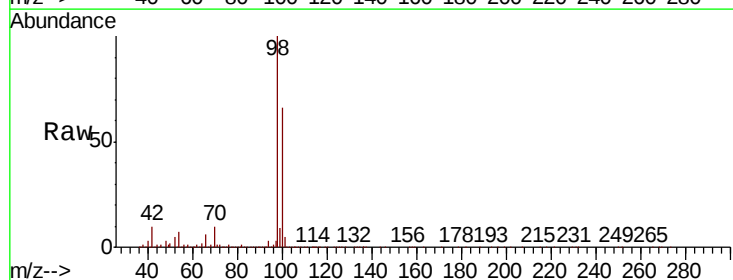
Instrument :
MSVOA_X
ClientSampleId :
PB122505TB

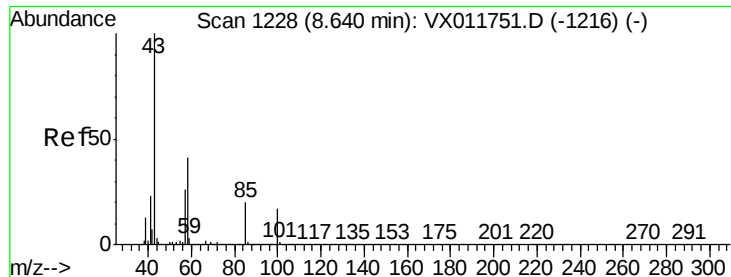
Tgt Ion: 88 Resp: 199
Ion Ratio Lower Upper
88 100
43 0.0 24.6 37.0#
58 695.5 51.4 77.2#



#50
Toluene-d8
Concen: 50.611 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011818.D
Acq: 24 Aug 2019 15:05

Tgt Ion: 98 Resp: 716019
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 12.543 ug/l

RT: 8.61 min Scan# 1223

Delta R.T. -0.03 min

Lab File: VX011818.D

Acq: 24 Aug 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

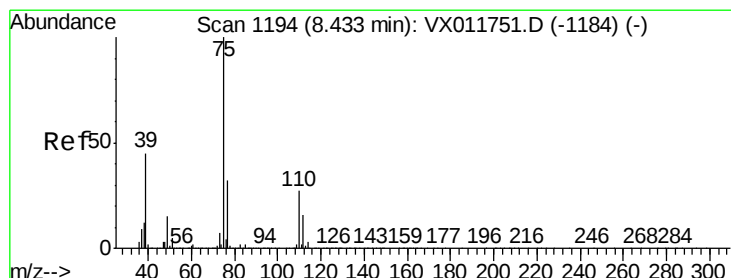
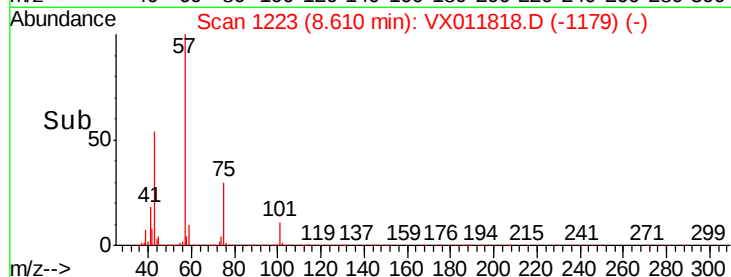
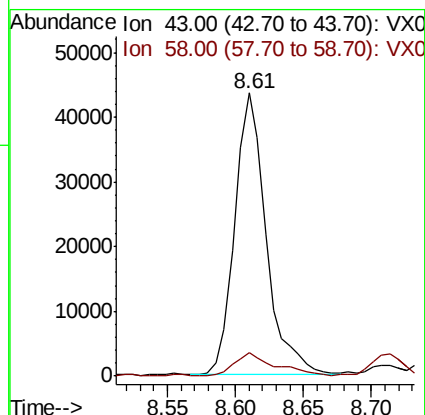
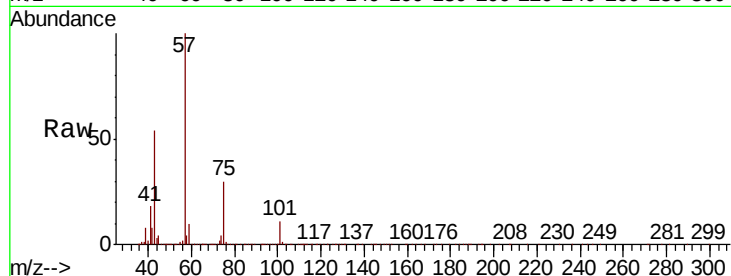
PB122505TB

Tgt Ion: 43 Resp: 69632

Ion Ratio Lower Upper

43 100

58 10.1 31.8 47.6#



#54

cis-1,3-Dichloropropene

Concen: 5.891 ug/l

RT: 8.61 min Scan# 1223

Delta R.T. 0.18 min

Lab File: VX011818.D

Acq: 24 Aug 2019 15:05

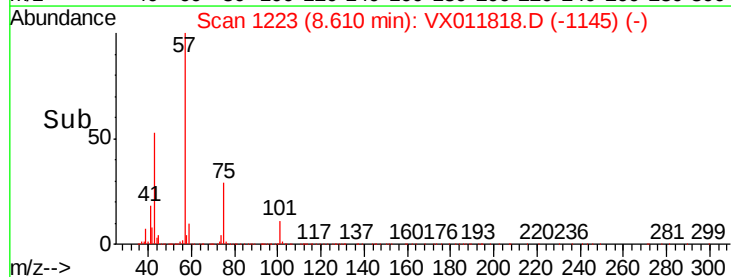
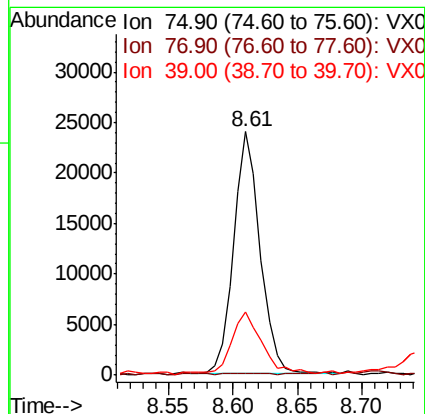
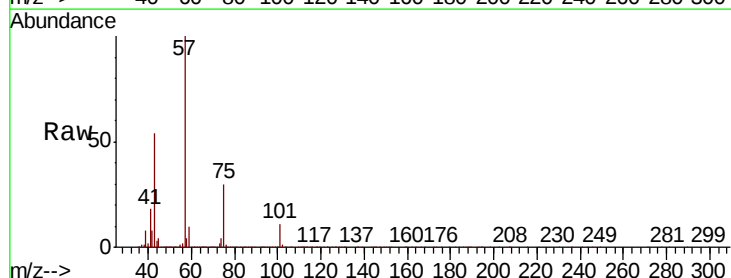
Tgt Ion: 75 Resp: 34247

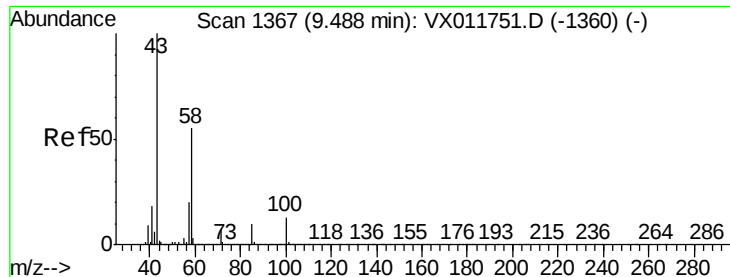
Ion Ratio Lower Upper

75 100

77 0.3 25.4 38.2#

39 25.2 36.2 54.4#

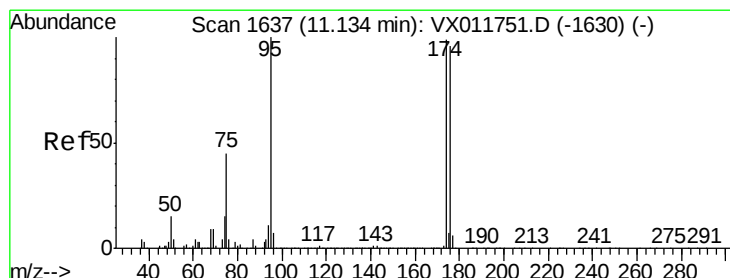
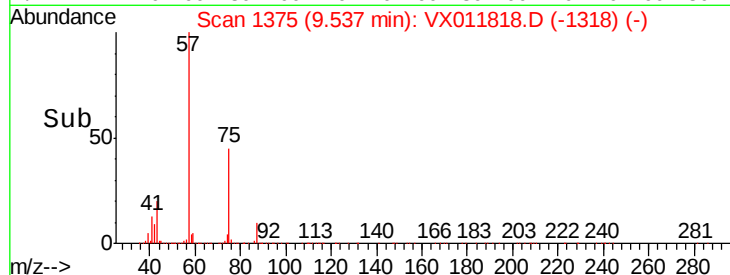
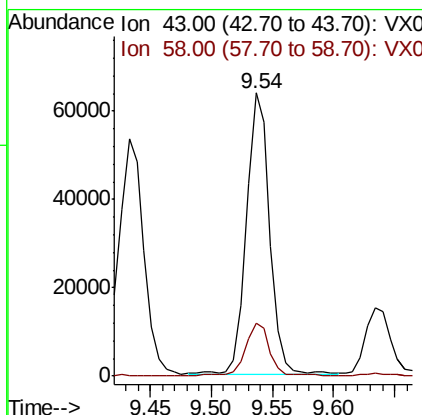
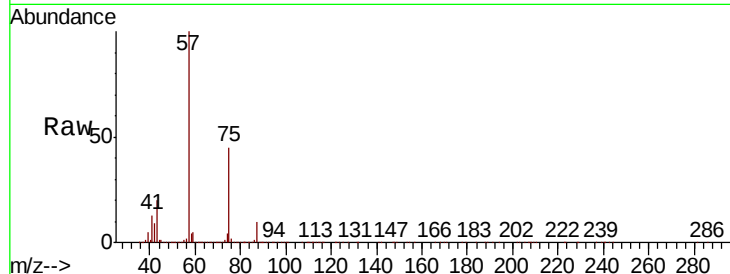




#59
2-Hexanone
Concen: 19.910 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.05 min
Lab File: VX011818.D
Acq: 24 Aug 2019 15:05

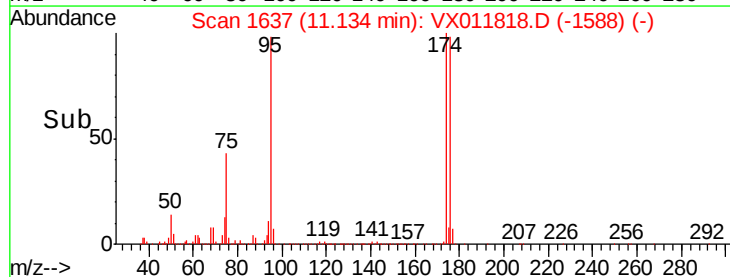
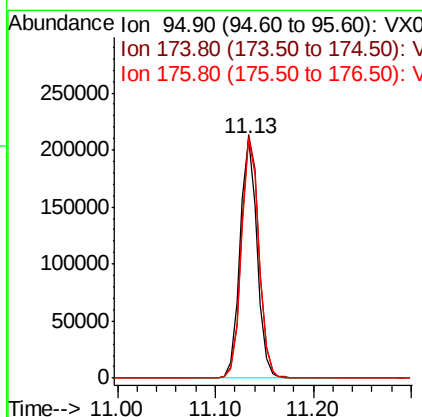
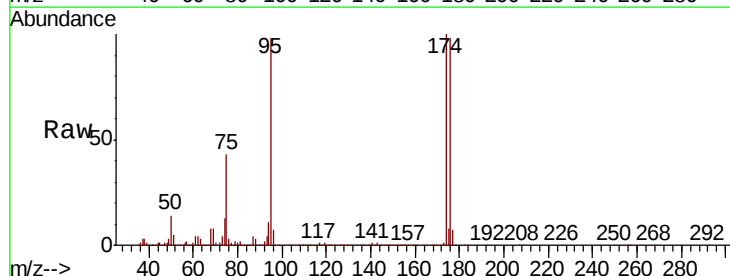
Instrument :
MSVOA_X
ClientSampleId :
PB122505TB

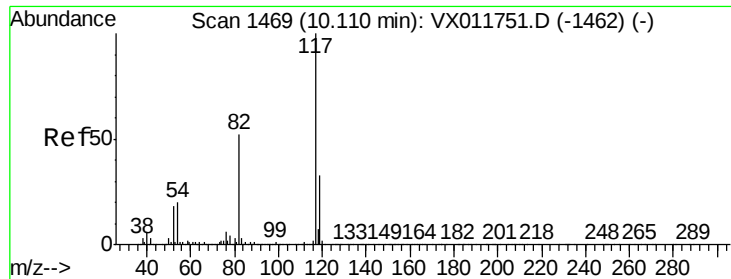
Tgt Ion: 43 Resp: 84832
Ion Ratio Lower Upper
43 100
58 19.3 27.7 83.1#



#62
4-Bromofluorobenzene
Concen: 45.205 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011818.D
Acq: 24 Aug 2019 15:05

Tgt Ion: 95 Resp: 252783
Ion Ratio Lower Upper
95 100
174 104.5 0.0 197.4
176 102.4 0.0 194.4

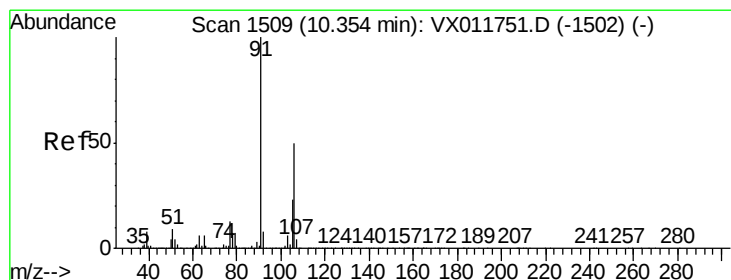
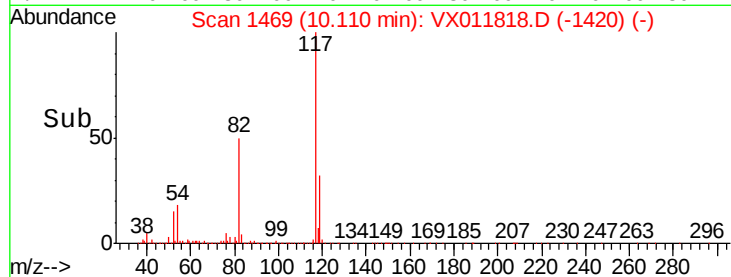
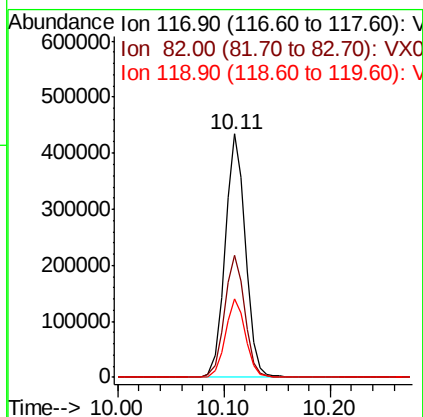
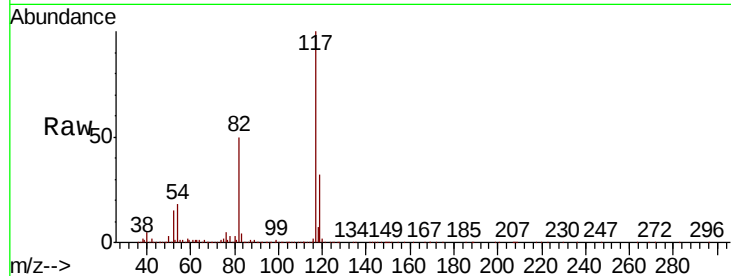




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011818.D
Acq: 24 Aug 2019 15:05

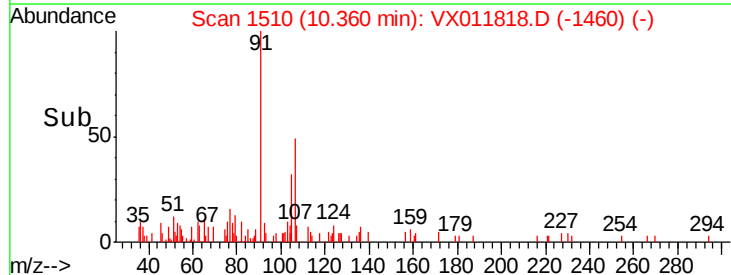
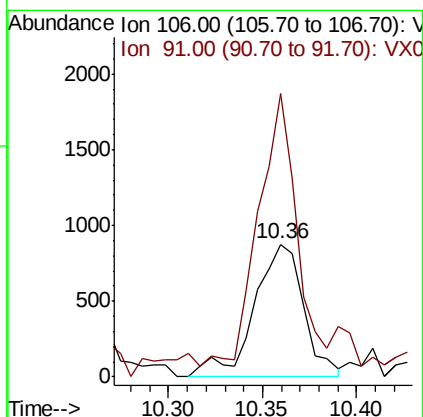
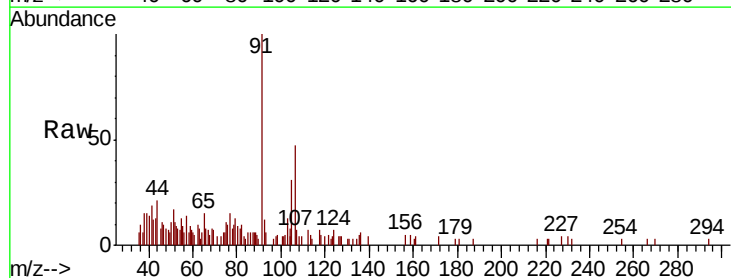
Instrument :
MSVOA_X
ClientSampleId :
PB122505TB

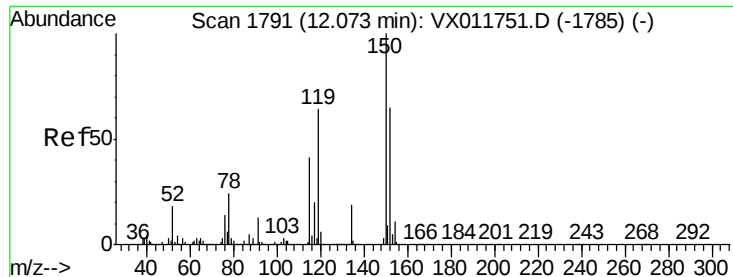
Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.8	41.7	62.5
119	32.4	26.2	39.2



#68
m/p-Xylenes
Concen: 0.219 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VX011818.D
Acq: 24 Aug 2019 15:05

Tgt Ion	Ratio	Lower	Upper
106	100		
91	143.0	158.3	237.5#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX011818.D

Acq: 24 Aug 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

PB122505TB

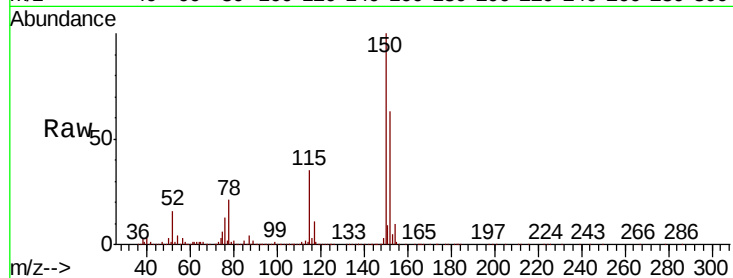
Tgt Ion: 152 Resp: 301159

Ion Ratio Lower Upper

152 100

115 52.8 37.3 111.8

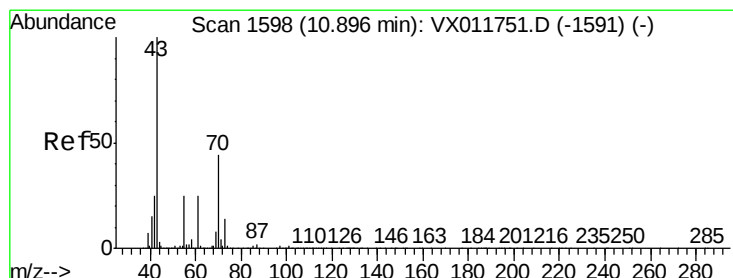
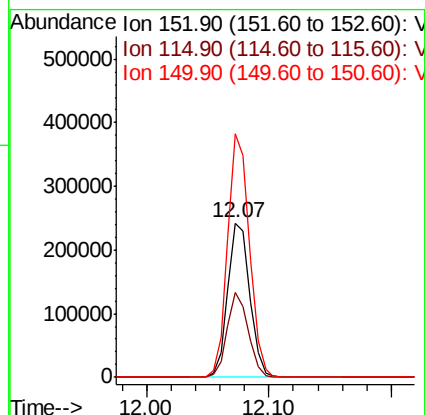
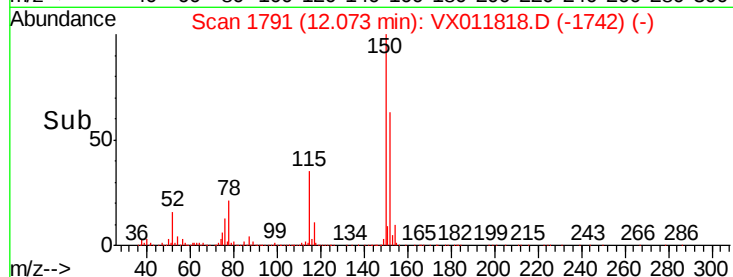
150 155.6 0.0 343.0



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-aryl acetate

Concen: 0.490 ug/l

RT: 10.82 min Scan# 1586

Delta R.T. -0.07 min

Lab File: VX011818.D

Acq: 24 Aug 2019 15:05

Tgt Ion: 43 Resp: 3446

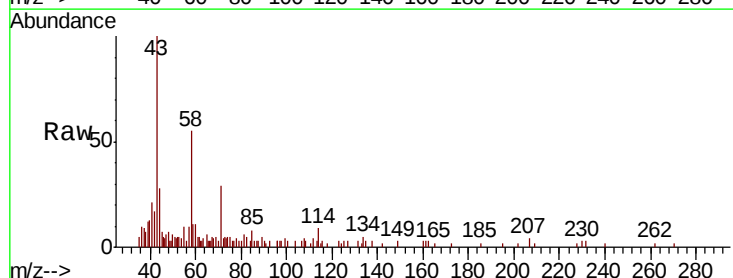
Ion Ratio Lower Upper

43 100

70 5.8 34.8 52.2#

55 20.7 19.5 29.3

61 0.0 19.8 29.6#

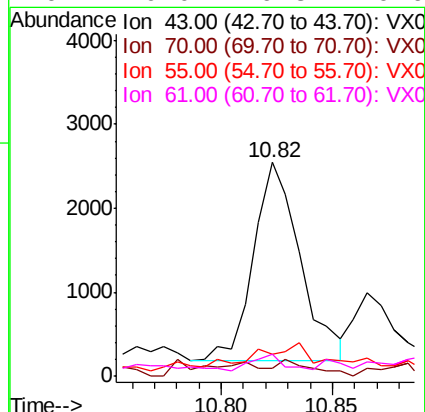
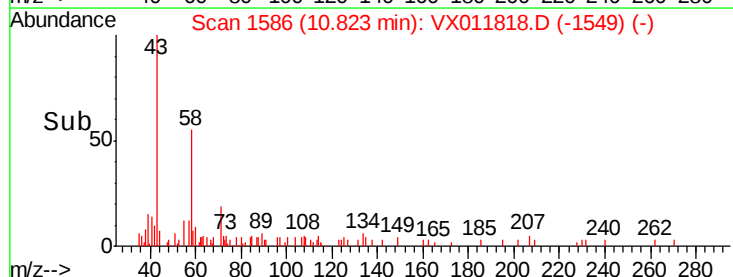


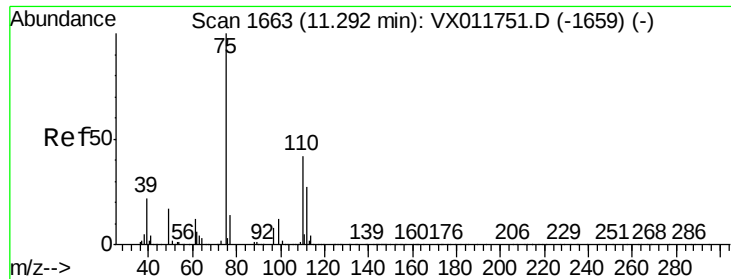
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.087 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011818.D

Acq: 24 Aug 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

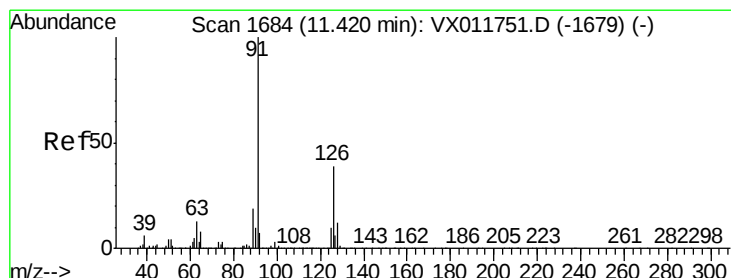
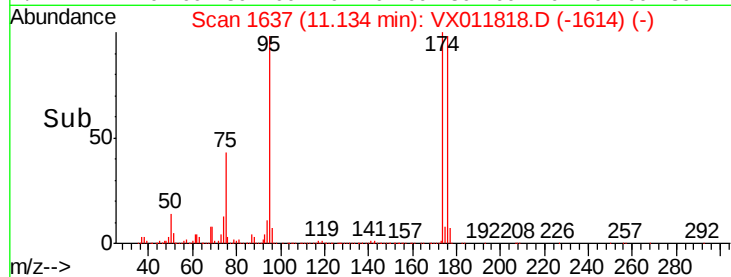
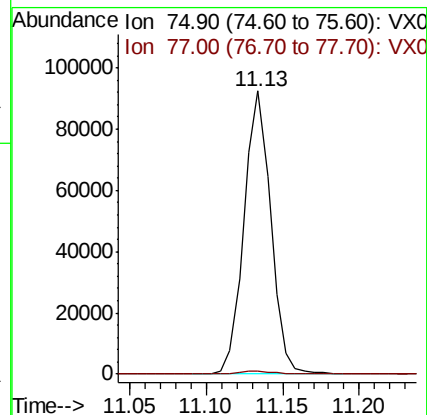
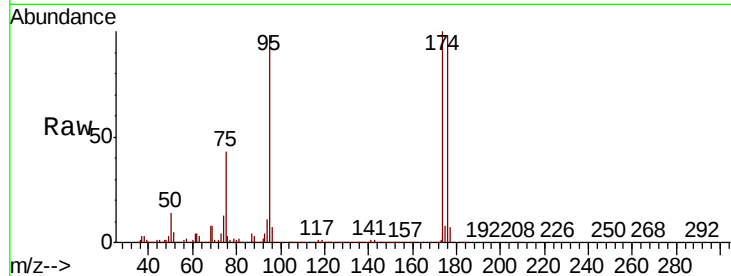
PB122505TB

Tgt Ion: 75 Resp: 111430

Ion Ratio Lower Upper

75 100

77 1.5 21.1 63.3#



#79

2-Chlorotoluene

Concen: 0.253 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.09 min

Lab File: VX011818.D

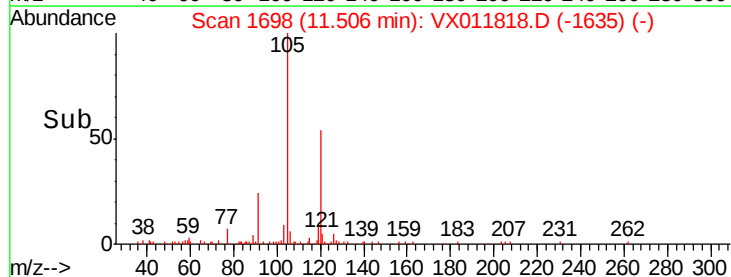
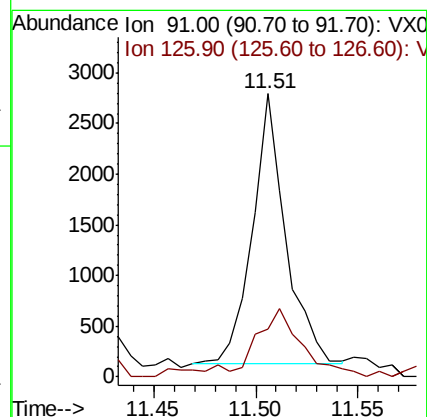
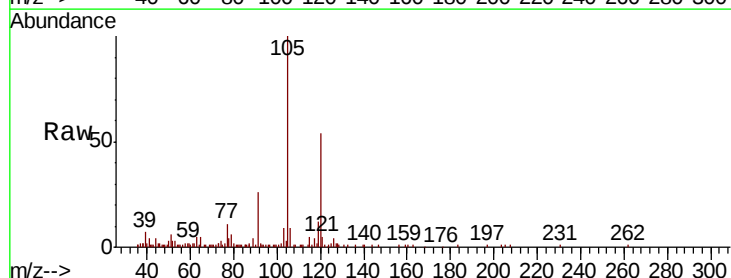
Acq: 24 Aug 2019 15:05

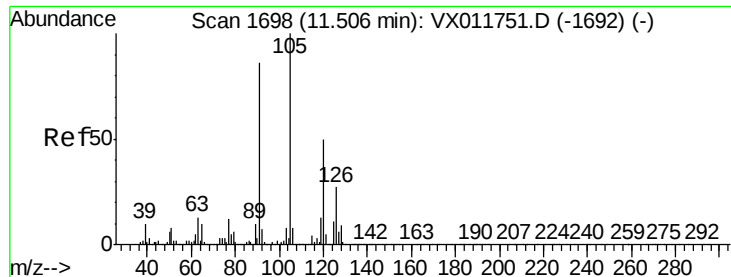
Tgt Ion: 91 Resp: 3057

Ion Ratio Lower Upper

91 100

126 38.5 18.6 55.6

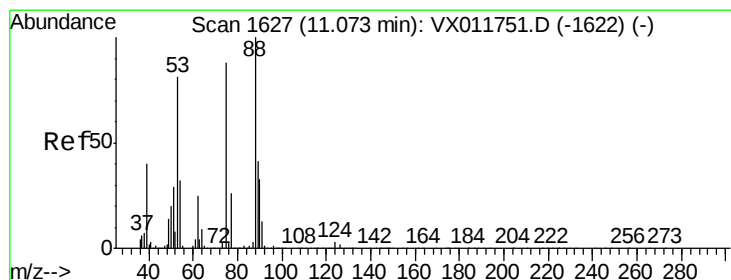
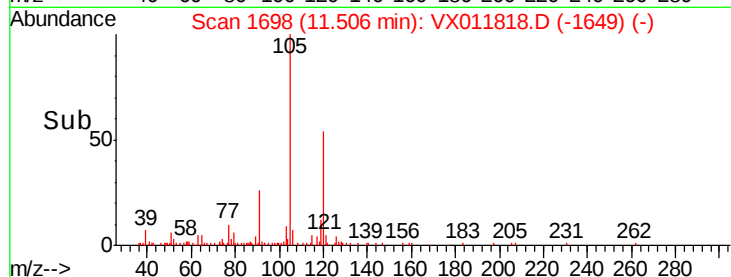
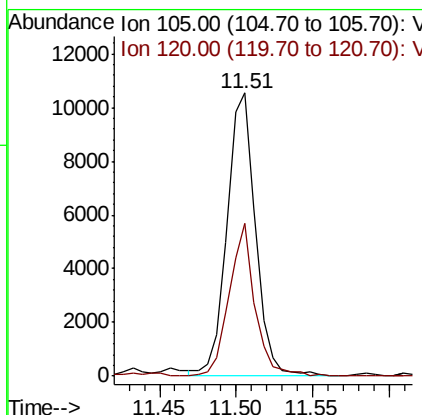
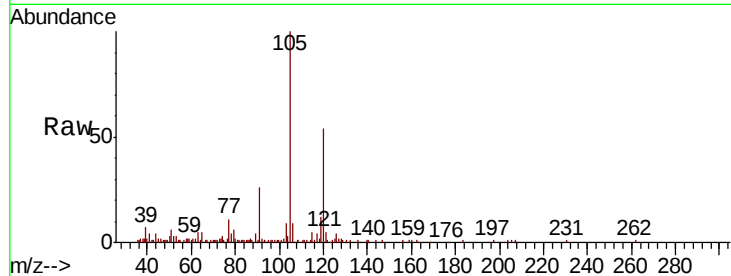




#80
 1,3,5-Trimethylbenzene
 Concen: 0.901 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX011818.D
 Acq: 24 Aug 2019 15:05

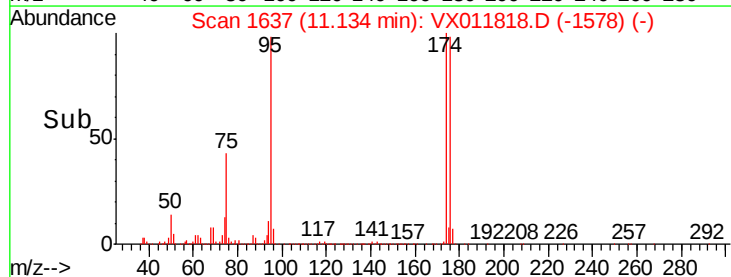
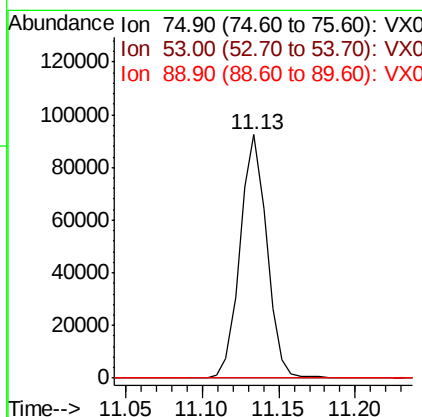
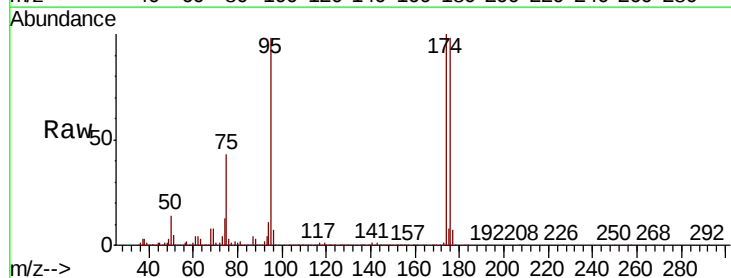
Instrument :
 MSVOA_X
 ClientSampleId :
 PB122505TB

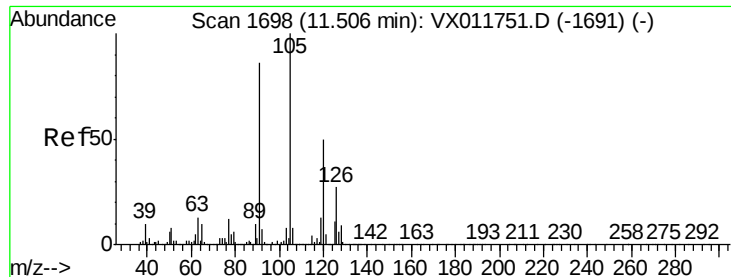
Tgt Ion: 105 Resp: 13641
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.8 74.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.593 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX011818.D
 Acq: 24 Aug 2019 15:05

Tgt Ion: 75 Resp: 111430
 Ion Ratio Lower Upper
 75 100
 53 0.2 77.1 115.7#
 89 0.1 38.5 57.7#





#82

4-Chlorotoluene

Concen: 0.220 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011818.D

Acq: 24 Aug 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

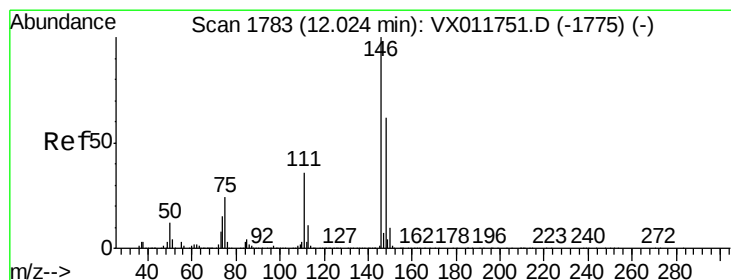
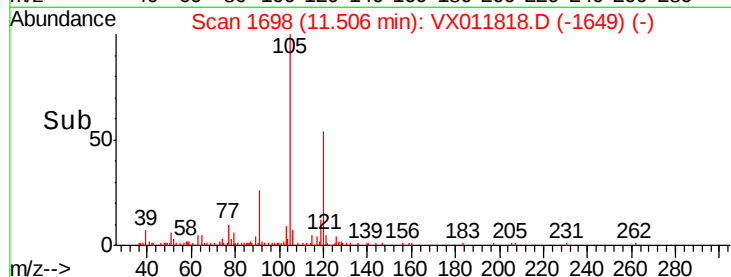
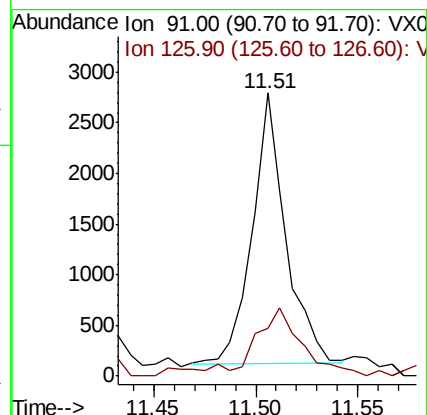
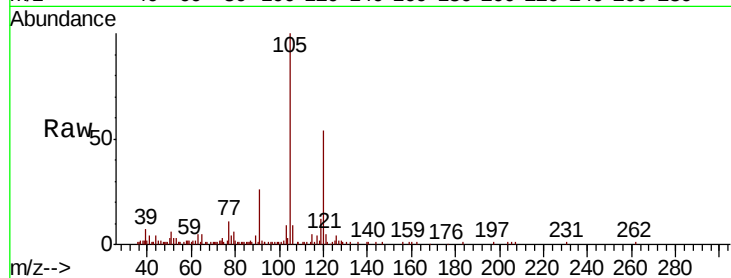
PB122505TB

Tgt Ion: 91 Resp: 3065

Ion Ratio Lower Upper

91 100

126 38.4 16.2 48.6



#87

1,3-Dichlorobenzene

Concen: 0.239 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX011818.D

Acq: 24 Aug 2019 15:05

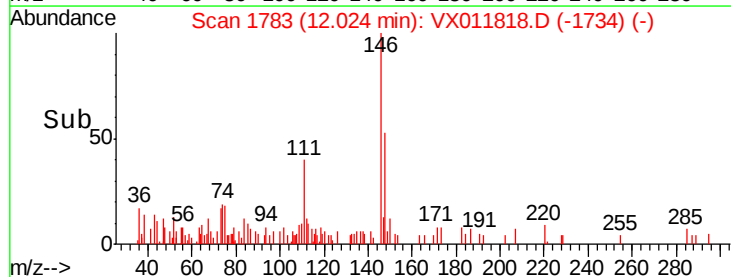
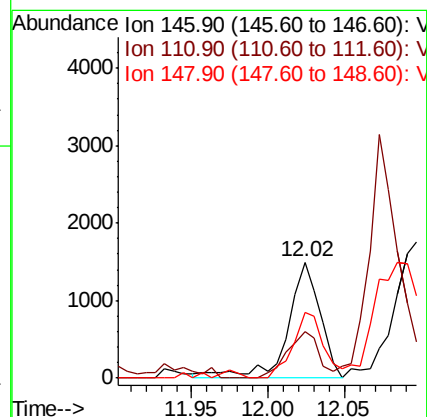
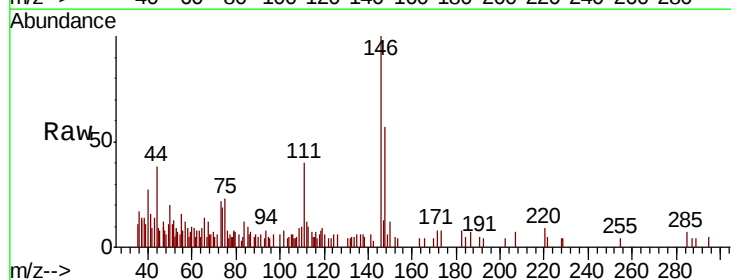
Tgt Ion: 146 Resp: 2203

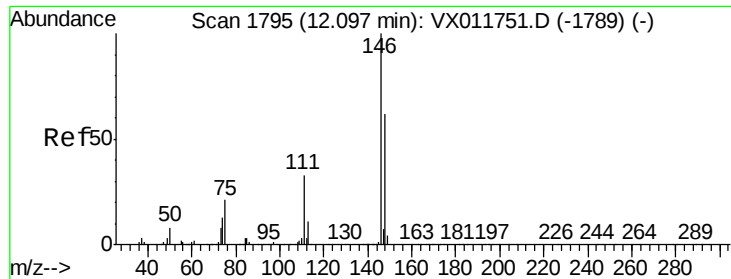
Ion Ratio Lower Upper

146 100

111 39.1 18.1 54.4

148 53.7 31.6 94.7

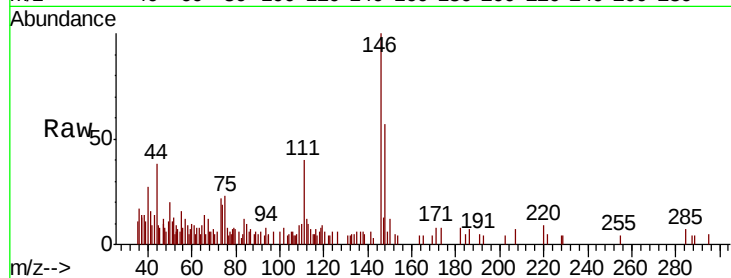




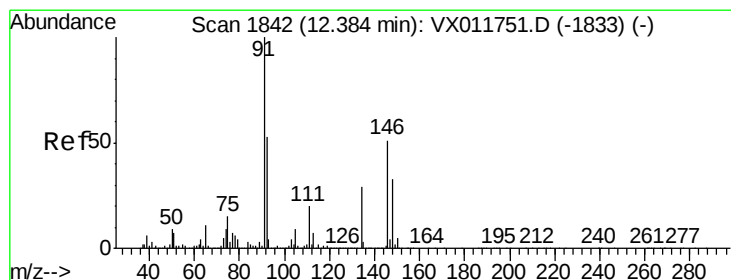
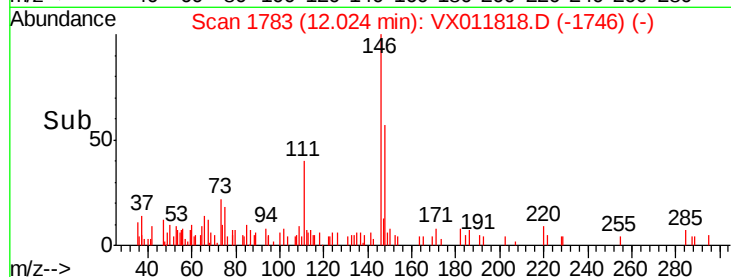
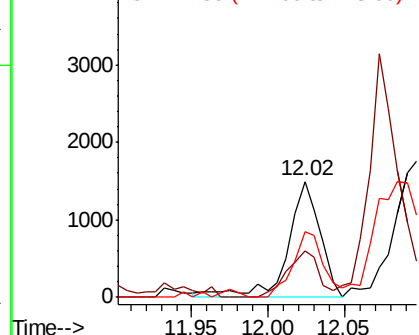
#88
 1,4-Dichlorobenzene
 Concen: 0.236 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.07 min
 Lab File: VX011818.D
 Acq: 24 Aug 2019 15:05

Instrument :
 MSVOA_X
 ClientSampleID :
 PB122505TB

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	17.8	53.4
148	53.7	31.9	95.7

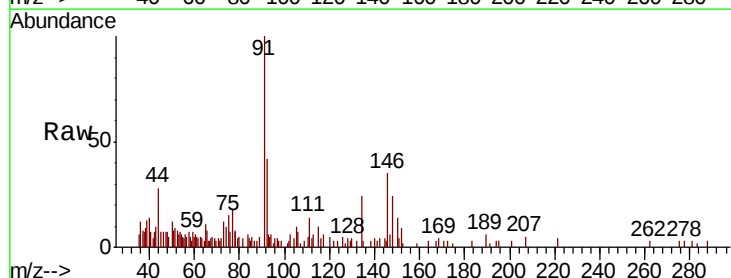


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

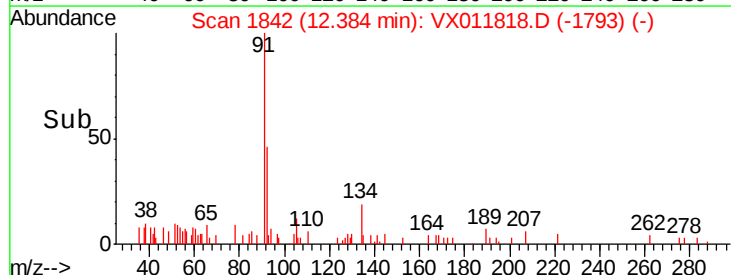
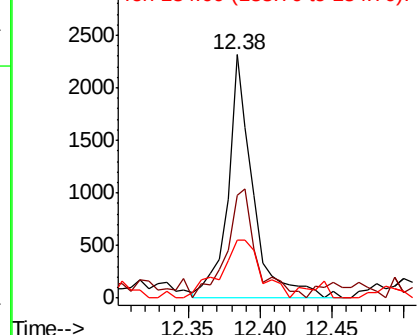


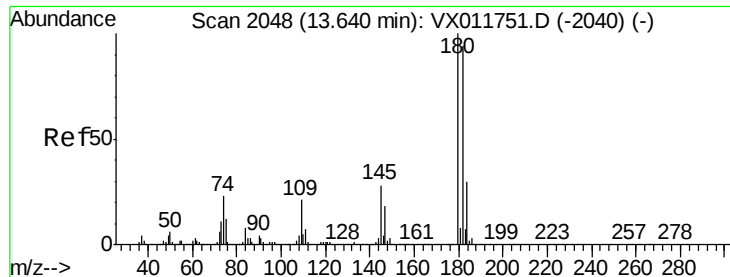
#89
 n-Butylbenzene
 Concen: 0.209 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX011818.D
 Acq: 24 Aug 2019 15:05

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.7	80.0
134	38.0	14.6	43.8



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

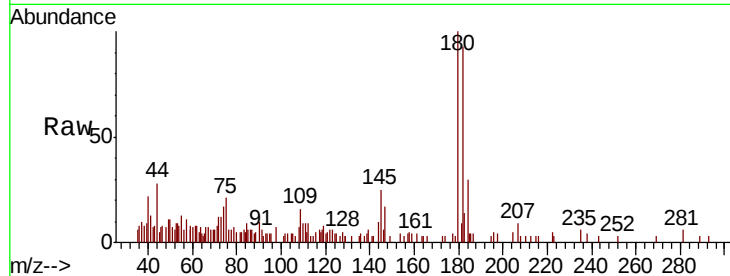




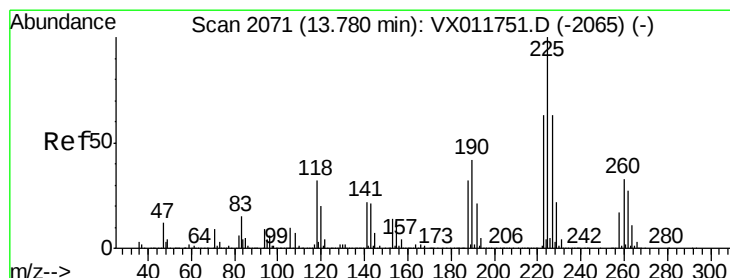
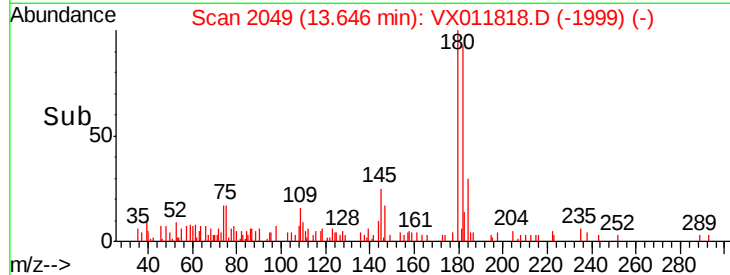
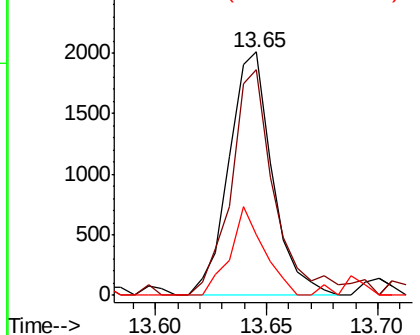
#93
 1,2,4-Trichlorobenzene
 Concen: 0.399 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.01 min
 Lab File: VX011818.D
 Acq: 24 Aug 2019 15:05

Instrument :
 MSVOA_X
 ClientSampleID :
 PB122505TB

Tgt Ion:180 Resp: 2729
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.8 143.4
 145 28.3 14.1 42.3

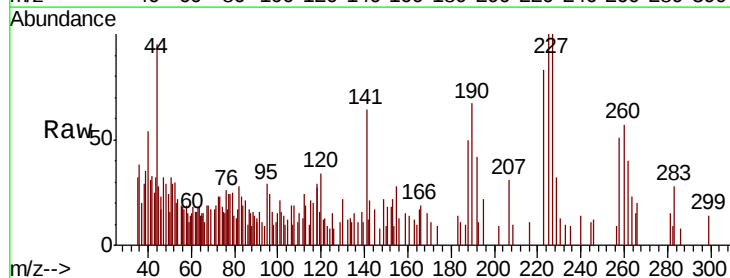


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

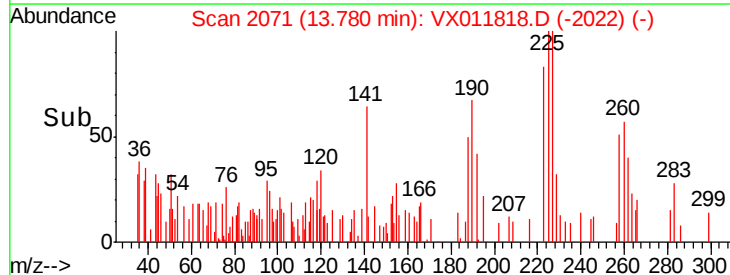
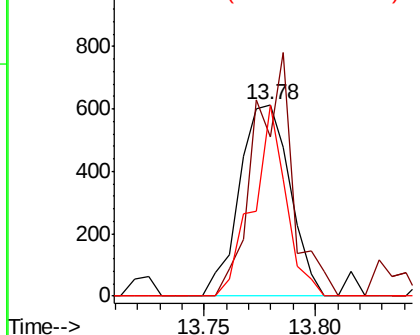


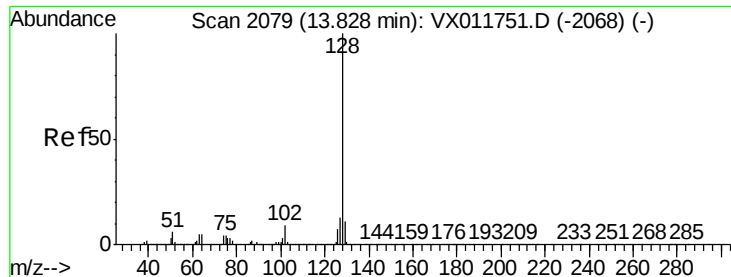
#94
 Hexachlorobutadiene
 Concen: 0.259 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011818.D
 Acq: 24 Aug 2019 15:05

Tgt Ion:225 Resp: 969
 Ion Ratio Lower Upper
 225 100
 223 96.2 31.0 93.0#
 227 65.3 31.8 95.3



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: 0.292 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX011818.D

Acq: 24 Aug 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

PB122505TB

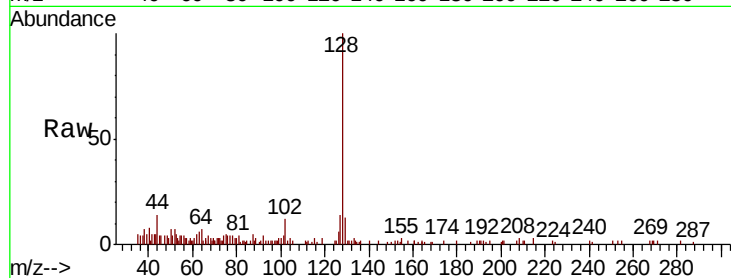
Tgt Ion:128 Resp: 5504

Ion Ratio Lower Upper

128 100

127 17.8 10.4 15.6#

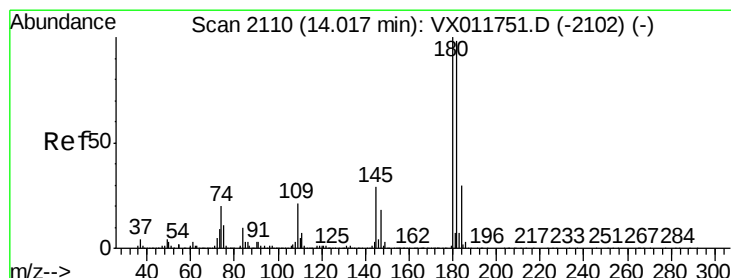
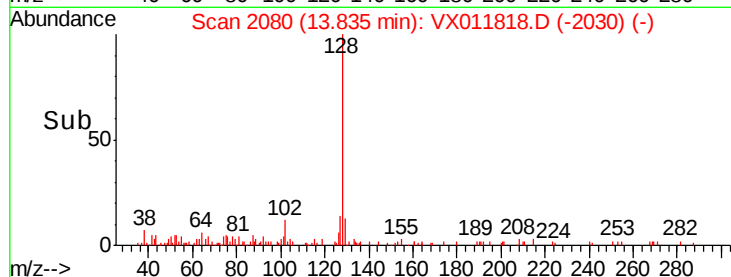
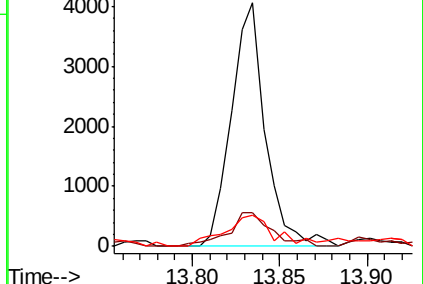
129 18.4 8.7 13.1#



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: 0.330 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX011818.D

Acq: 24 Aug 2019 15:05

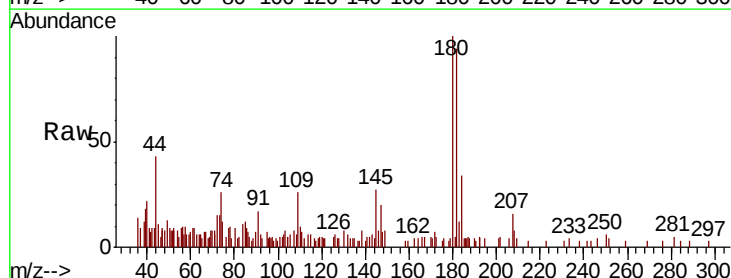
Tgt Ion:180 Resp: 2265

Ion Ratio Lower Upper

180 100

182 97.7 48.5 145.5

145 47.6 14.6 43.8#



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

