

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\
 Data File : VX009822.D
 Acq On : 22 May 2019 23:21
 Operator : JC/SP
 Sample : K2976-01 50X
 Misc : 6.56g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-E2-3R(14-17)

Quant Time: May 23 07:22:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	170931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	271564	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	120148	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	115670	49.57	ug/l	0.00
Spiked Amount			Recovery	=	99.14%	
35) Dibromofluoromethane	5.50	113	83843	49.11	ug/l	0.00
Spiked Amount			Recovery	=	98.22%	
50) Toluene-d8	8.71	98	349339	50.69	ug/l	0.00
Spiked Amount			Recovery	=	101.38%	
62) 4-Bromofluorobenzene	11.13	95	131543	52.53	ug/l	0.00
Spiked Amount			Recovery	=	105.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	504	0.234	ug/l #	86
10) Methyl Iodide	2.52	142	504	4.840	ug/l #	84
13) Acrolein	2.29	56	417	0.852	ug/l	98
15) Acrylonitrile	3.15	53	369	0.279	ug/l #	44
16) Acetone	2.45	43	689	0.550	ug/l	89
17) Carbon Disulfide	2.57	76	1576	0.350	ug/l #	90
18) Methyl Acetate	2.78	43	724	0.243	ug/l #	79
28) Bromochloromethane	5.01	49	147	Below Cal	#	20
36) 1,1-Dichloropropene	5.79	75	509	0.202	ug/l #	47
38) Carbon Tetrachloride	5.66	117	15702	6.848	ug/l #	16
39) Methylcyclohexane	7.46	83	2985	0.963	ug/l	93
49) 1,4-Dioxane	7.73	88	19	0.336	ug/l #	1
51) 4-Methyl-2-Pentanone	8.67	43	1149	0.313	ug/l #	38
55) 1,1,2-Trichloroethane	9.16	97	5181	2.675	ug/l #	22
56) Ethyl methacrylate	9.16	69	1327	0.384	ug/l #	1
59) 2-Hexanone	9.44	43	30453	10.547	ug/l #	31
67) Ethyl Benzene	10.25	91	16955	1.844	ug/l	95
68) m/p-Xylenes	10.36	106	49582	14.753	ug/l	94
73) Isopropylbenzene	11.02	105	126348	14.461	ug/l	99
74) N-amyl acetate	10.91	43	103953	20.408	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	57117	17.537	ug/l #	25
76) 1,2,3-Trichloropropane	11.36	75	2329	0.836	ug/l #	1
78) n-propylbenzene	11.36	91	352362	35.313	ug/l	100
79) 2-Chlorotoluene	11.45	91	55299	8.983	ug/l #	46
80) 1,3,5-Trimethylbenzene	11.51	105	378428	51.441	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	64078	58.828	ug/l #	20
82) 4-Chlorotoluene	11.51	91	44051	6.334	ug/l #	48
83) tert-Butylbenzene	11.77	119	30188	4.218	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	2240794	303.460	ug/l	98
85) sec-Butylbenzene	11.94	105	229950	27.102	ug/l	97
86) p-Isopropyltoluene	12.06	119	158193	20.740	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	902	0.231	ug/l #	1
89) n-Butylbenzene	12.38	91	298557	43.307	ug/l #	54
90) Hexachloroethane	12.61	117	28964	22.289	ug/l #	7

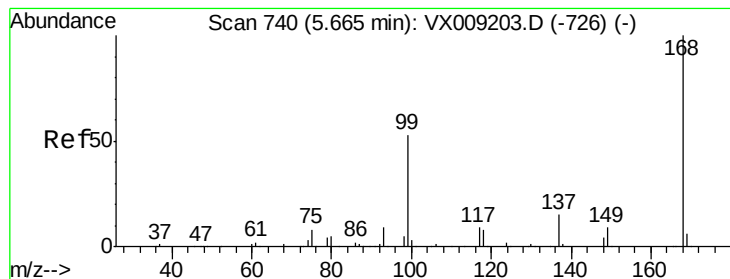
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX052219\
Data File : VX009822.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	13.02	75	2558	3.501	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.65	180	1138	0.423	ug/l #	1
94) Hexachlorobutadiene	13.78	225	548	0.399	ug/l	92
95) Naphthalene	13.83	128	61710	7.044	ug/l	96
96) 1,2,3-Trichlorobenzene	14.02	180	974	0.357	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009822.D

Acq: 22 May 2019 23:21

Instrument :

MSVOA_X

ClientSampleId :

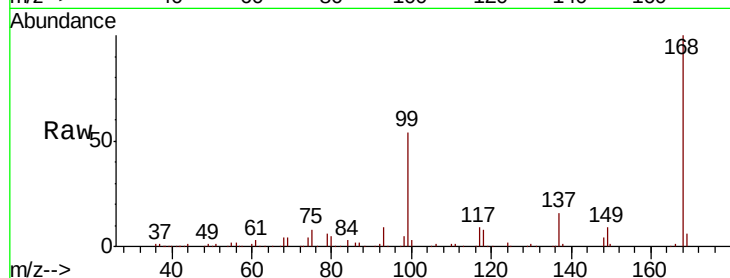
EP1-SB-E2-3R(14-17)

Tot Ion:168 Resp: 170931

Ion Ratio Lower Upper

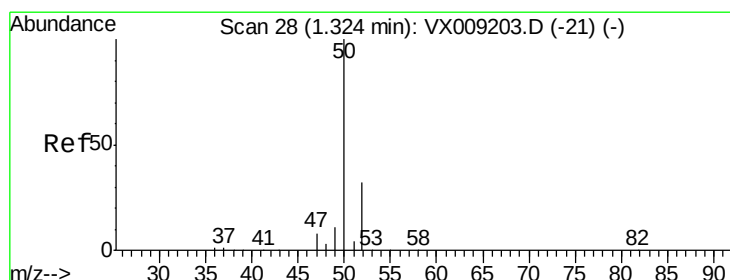
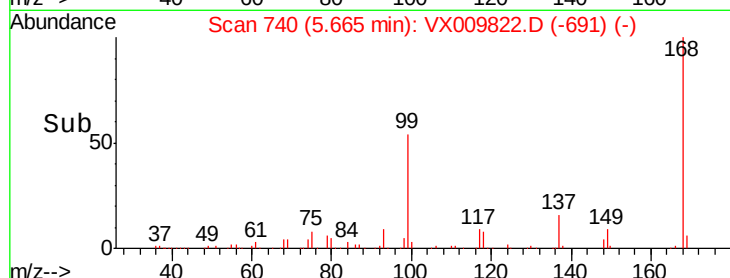
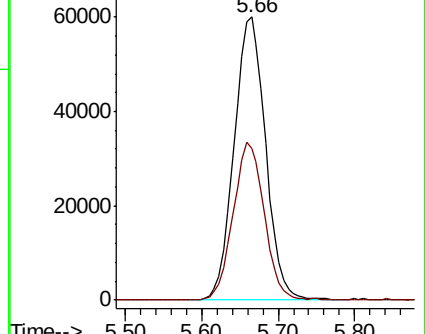
168 100

99 53.7 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.234 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009822.D

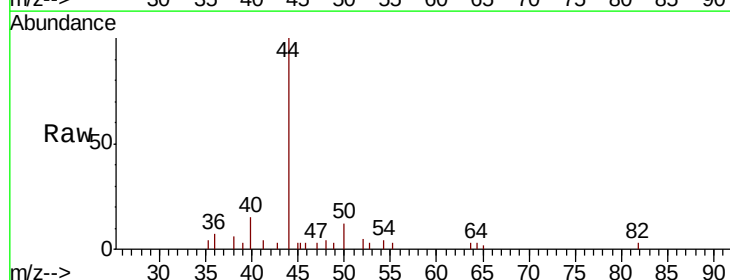
Acq: 22 May 2019 23:21

Tgt Ion: 50 Resp: 504

Ion Ratio Lower Upper

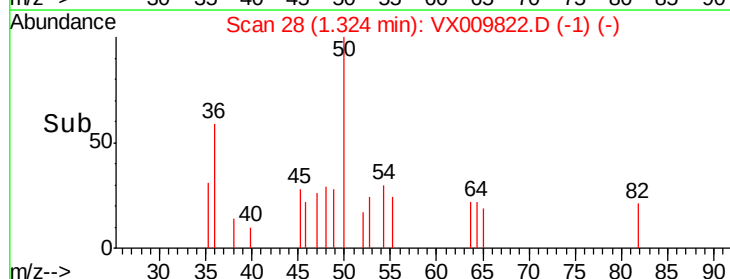
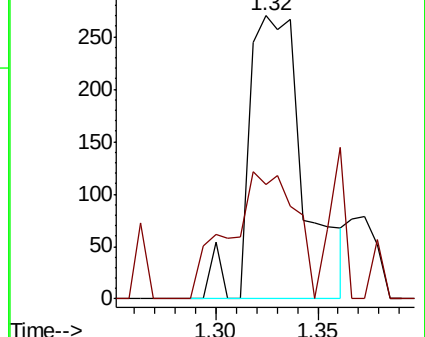
50 100

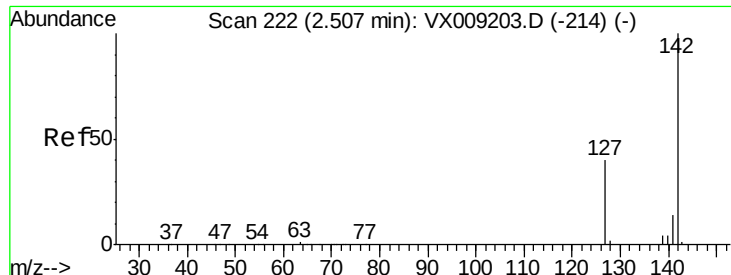
52 40.4 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

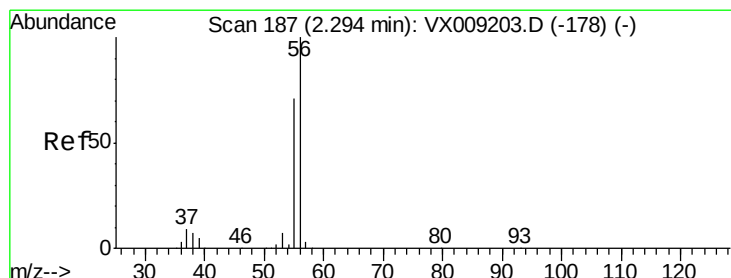
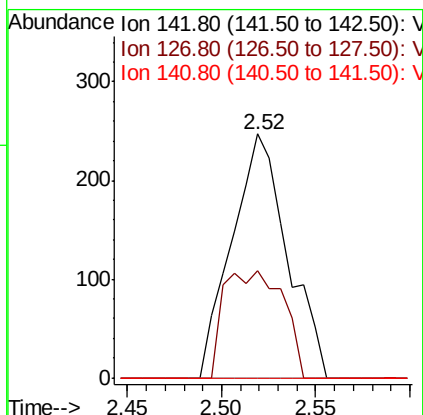
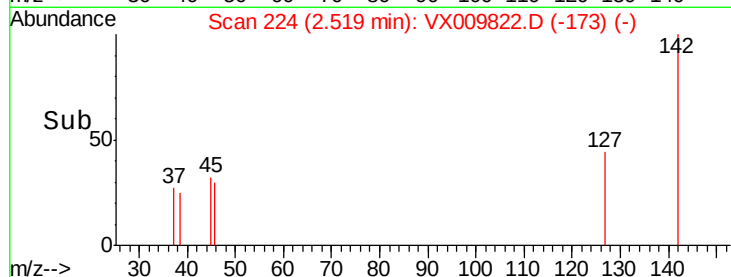
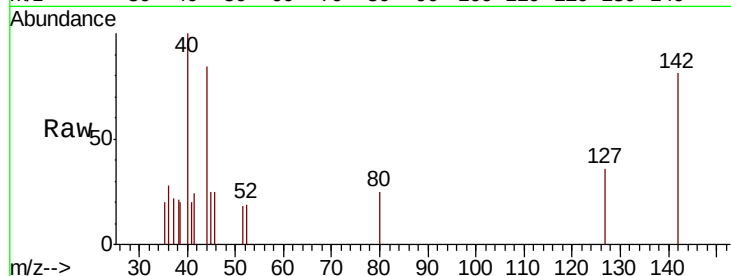




#10
Methvl Iodide
Concen: 4.840 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX009822.D
Acq: 22 May 2019 23:21

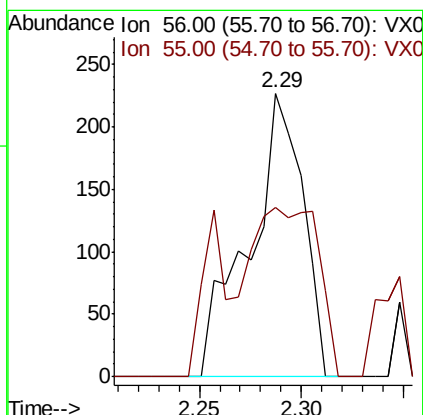
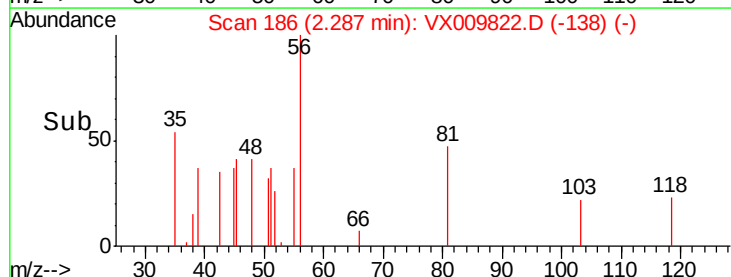
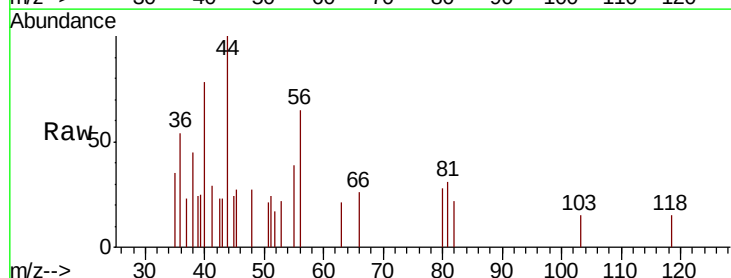
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E2-3R(14-17)

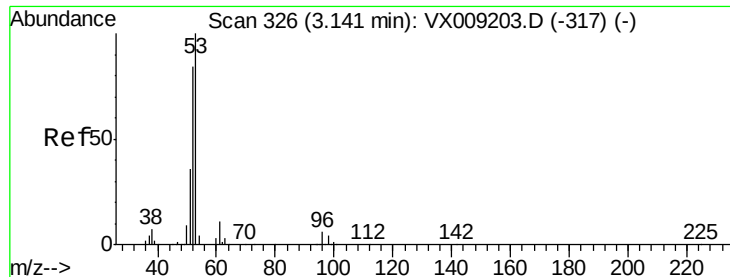
Tot Ion:142 Resp: 504
Ion Ratio Lower Upper
142 100
127 47.0 32.7 49.1
141 0.0 11.5 17.3#



#13
Acrolein
Concen: 0.852 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX009822.D
Acq: 22 May 2019 23:21

Tgt Ion: 56 Resp: 417
Ion Ratio Lower Upper
56 100
55 72.4 56.6 85.0





#15

Acrylonitrile

Concen: 0.279 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX009822.D

Acq: 22 May 2019 23:21

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-E2-3R(14-17)

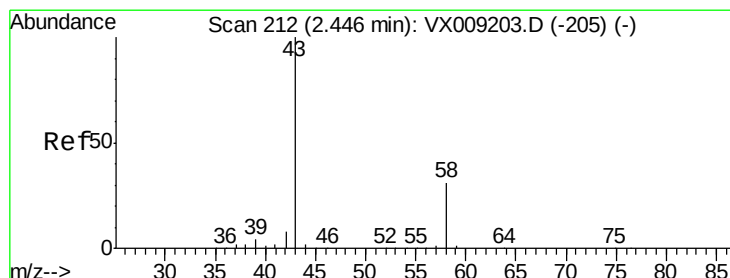
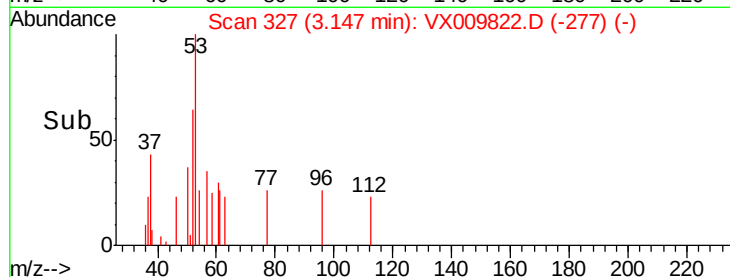
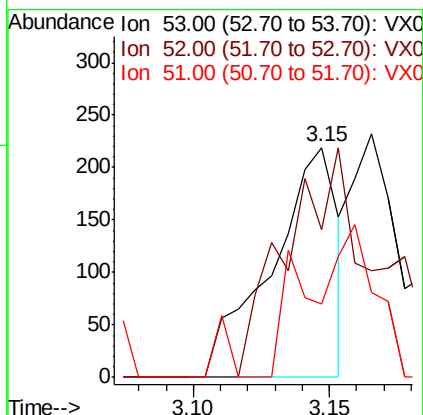
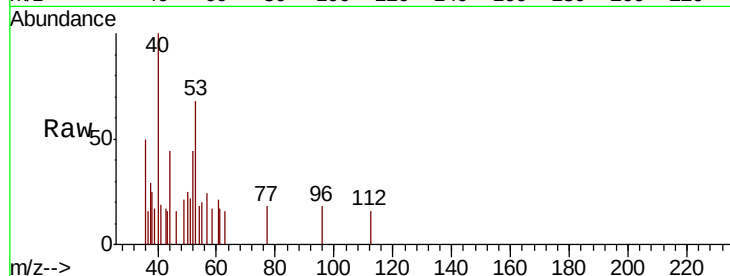
Tot Ion: 53 Resp: 369

Ion Ratio Lower Upper

53 100

52 134.1 66.9 100.3#

51 67.5 28.2 42.2#



#16

Acetone

Concen: 0.550 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009822.D

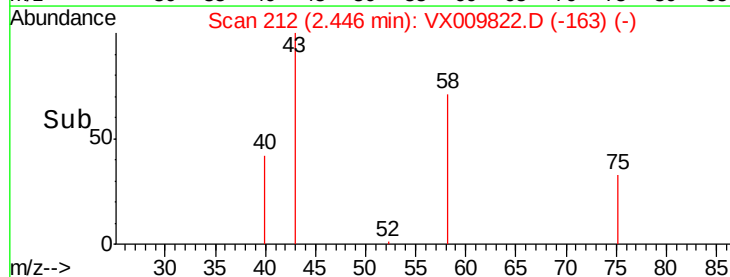
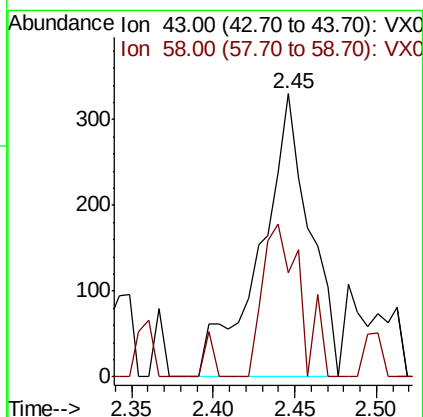
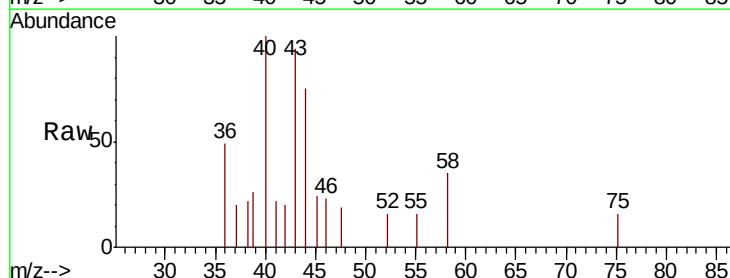
Acq: 22 May 2019 23:21

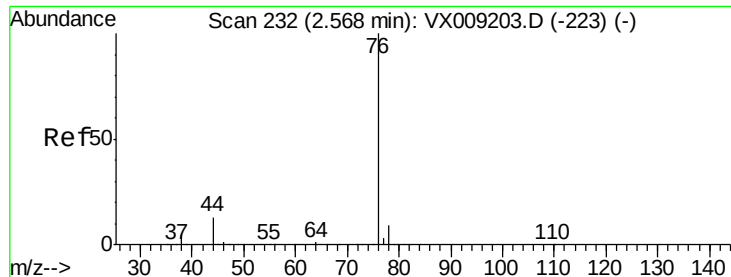
Tgt Ion: 43 Resp: 689

Ion Ratio Lower Upper

43 100

58 37.0 24.9 37.3





#17

Carbon Disulfide

Concen: 0.350 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX009822.D

Acq: 22 May 2019 23:21

Instrument :

MSVOA_X

ClientSampleId :

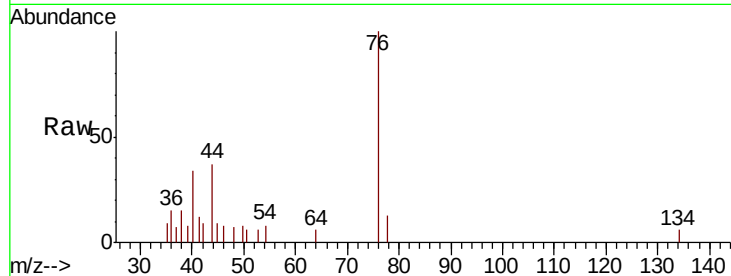
EP1-SB-E2-3R(14-17)

Tot Ion: 76 Resp: 1576

Ion Ratio Lower Upper

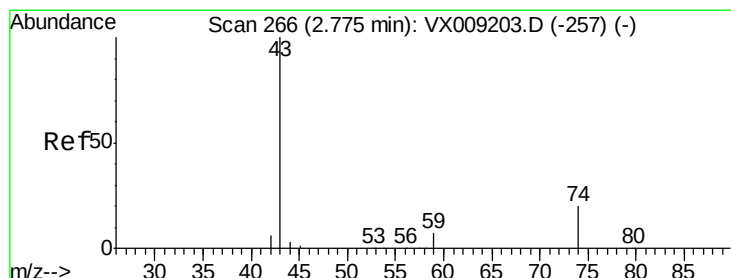
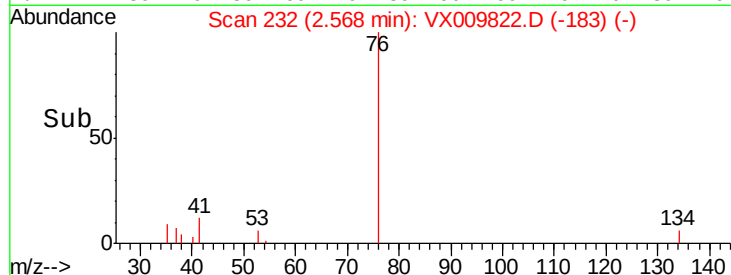
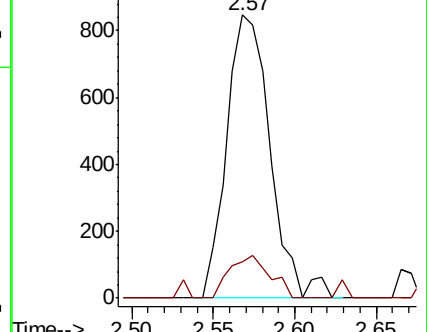
76 100

78 12.9 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.243 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX009822.D

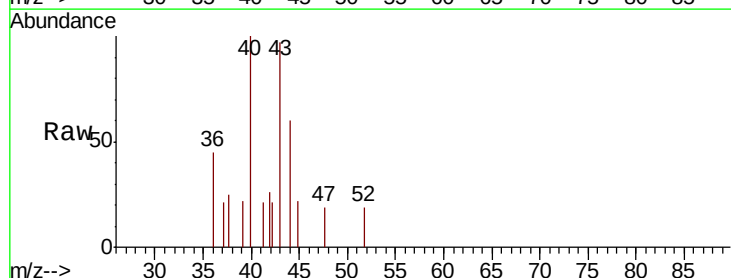
Acq: 22 May 2019 23:21

Tgt Ion: 43 Resp: 724

Ion Ratio Lower Upper

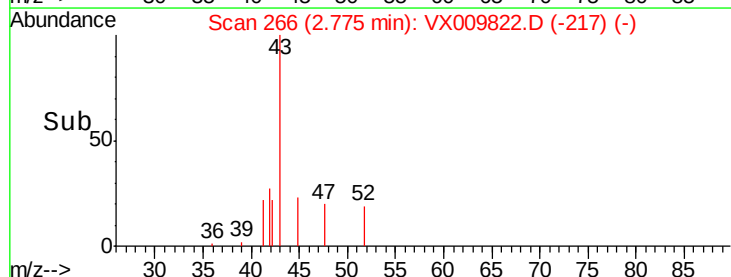
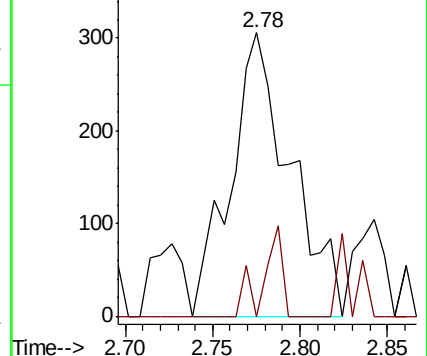
43 100

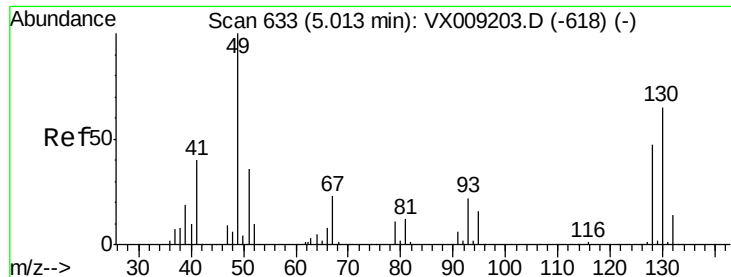
74 10.5 16.2 24.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#28

Bromochloromethane

Concen: Below Cal

RT: 5.01 min Scan# 632

Delta R.T. -0.01 min

Lab File: VX009822.D

Acq: 22 May 2019 23:21

Instrument :

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ClientSampleId :

EP1-SB-E2-3R(14-17)

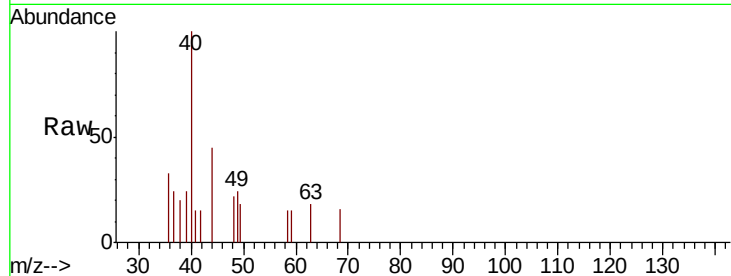
Tot Ion: 49 Resp: 147

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

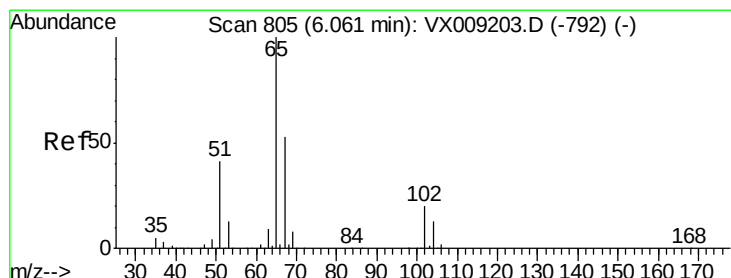
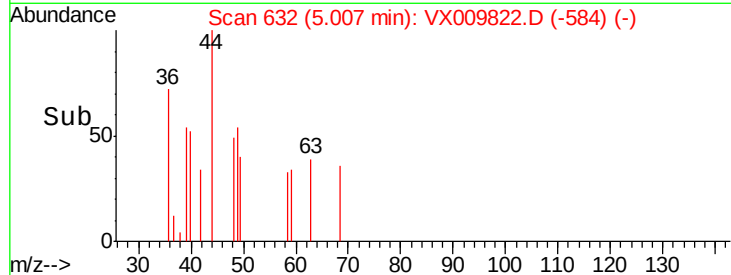
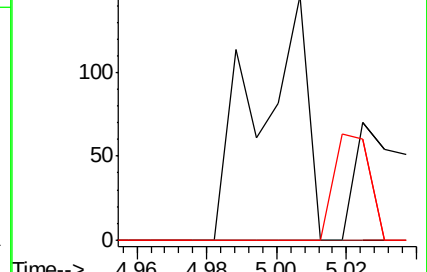
130 0.0 51.2 76.8#



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



#33

1,2-Dichloroethane-d4

Concen: 49.571 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009822.D

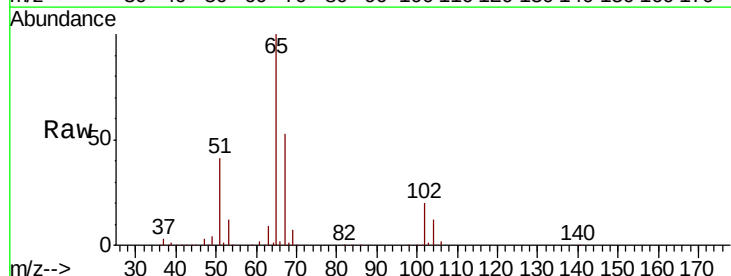
Acq: 22 May 2019 23:21

Tgt Ion: 65 Resp: 115670

Ion Ratio Lower Upper

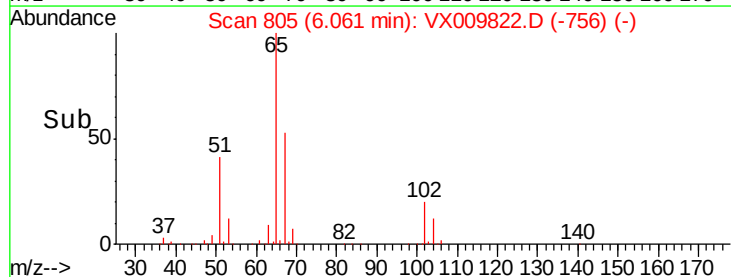
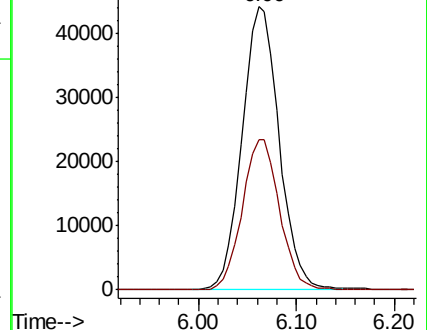
65 100

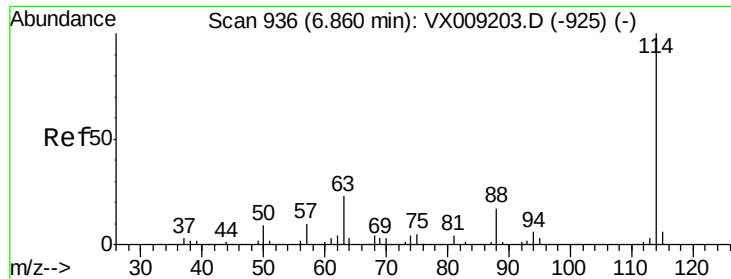
67 53.4 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

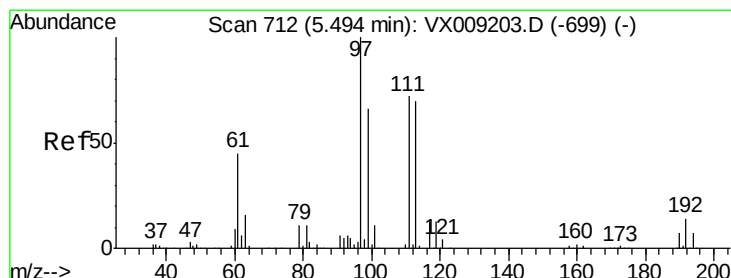
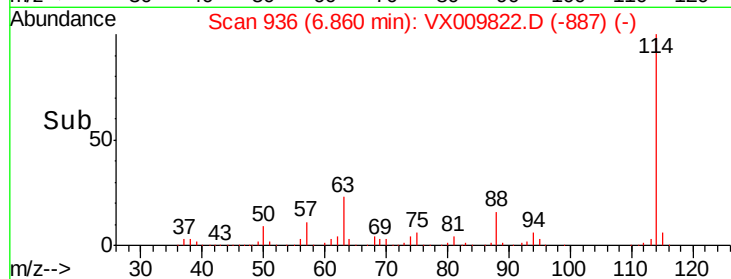
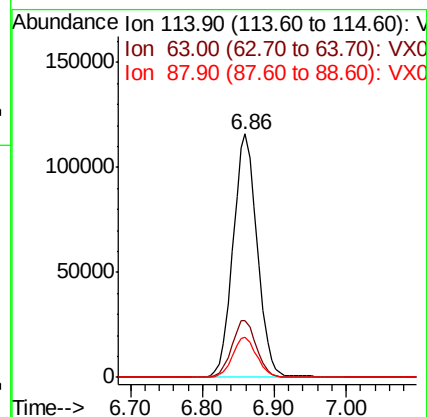
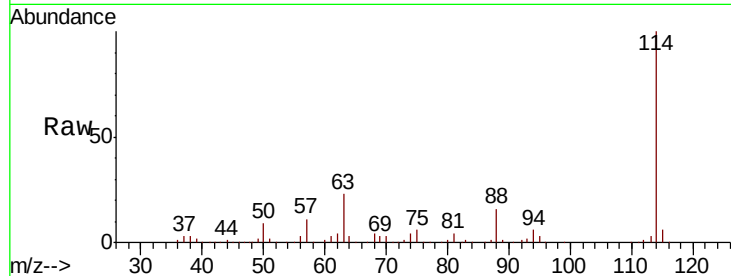




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009822.D
 Acq: 22 May 2019 23:21

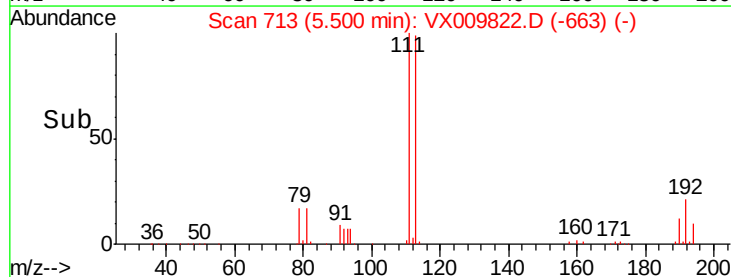
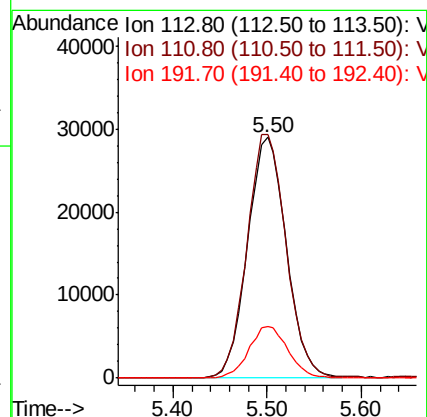
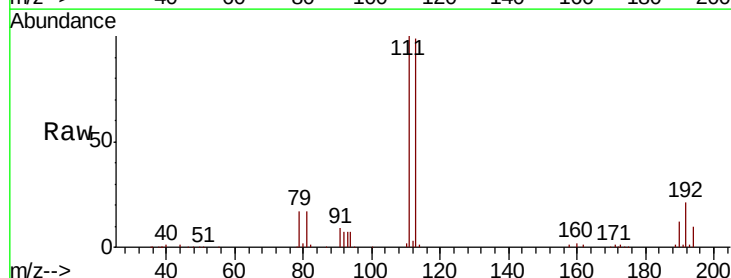
Instrument :
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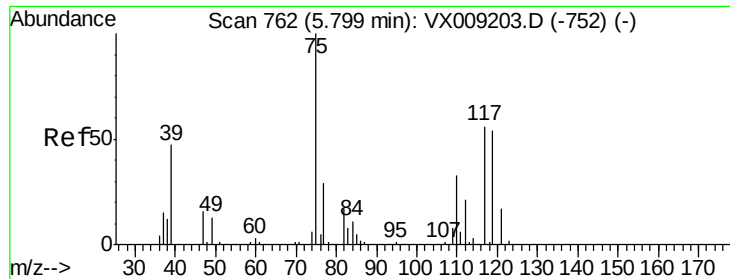
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	45.6
88	16.3	0.0	33.2



#35
 Dibromofluoromethane
 Concen: 49.113 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009822.D
 Acq: 22 May 2019 23:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.8	124.2
192	21.7	17.0	25.6

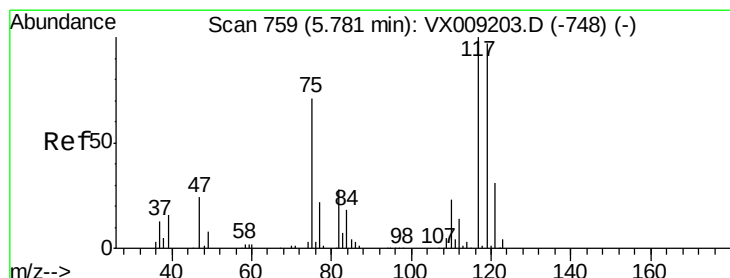
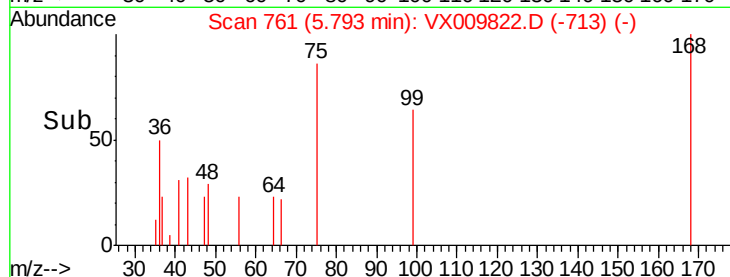
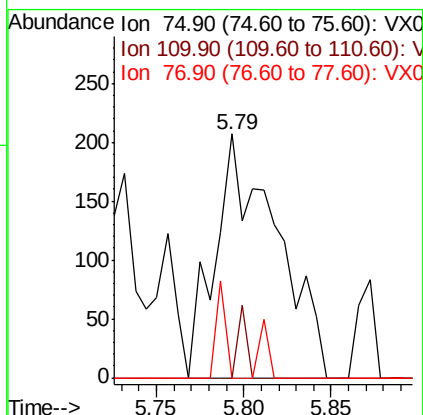
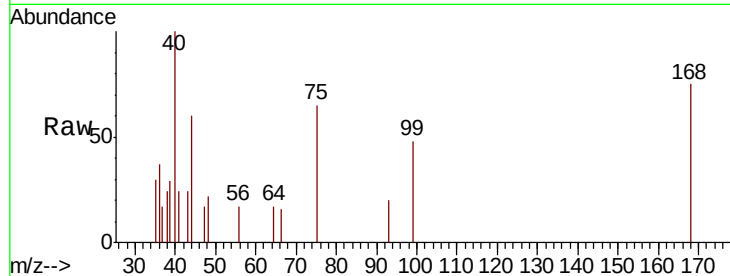




#36
 1,1-Dichloropropene
 Concen: 0.202 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX009822.D
 Acq: 22 May 2019 23:21

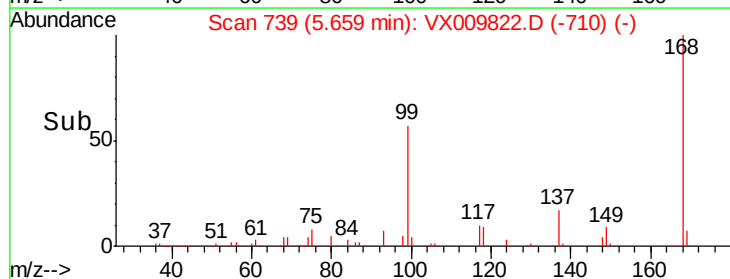
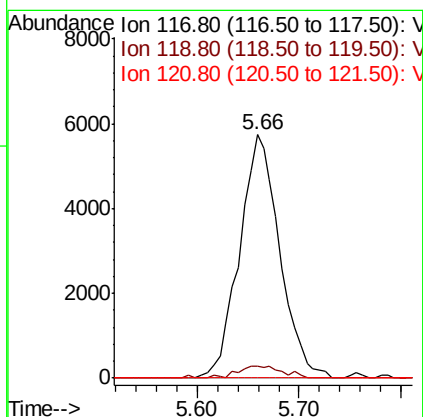
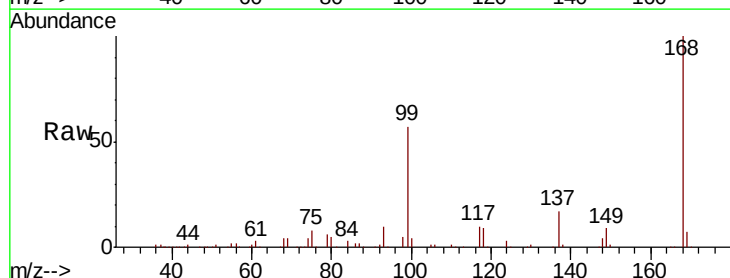
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-E2-3R(14-17)

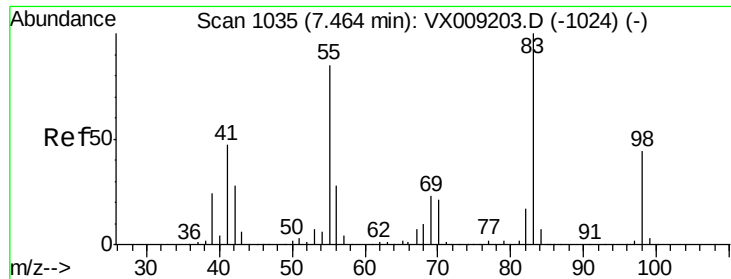
Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	16.9	50.6#
77	5.9	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.848 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX009822.D
 Acq: 22 May 2019 23:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	77.5	116.3#
121	0.0	24.7	37.1#

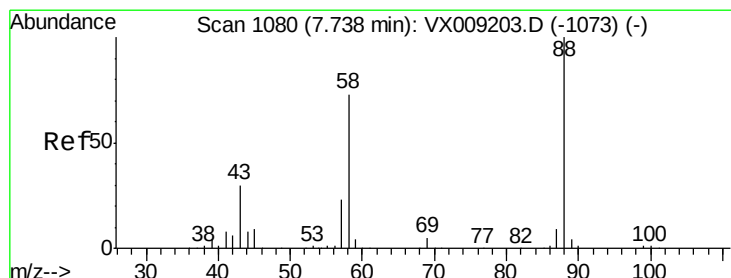
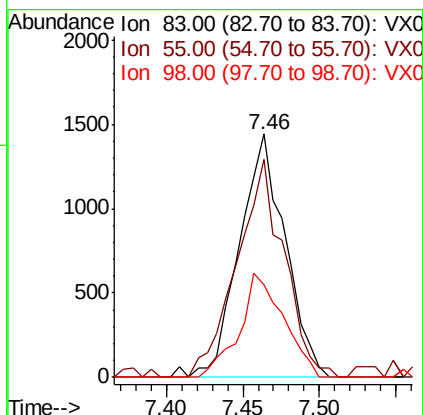
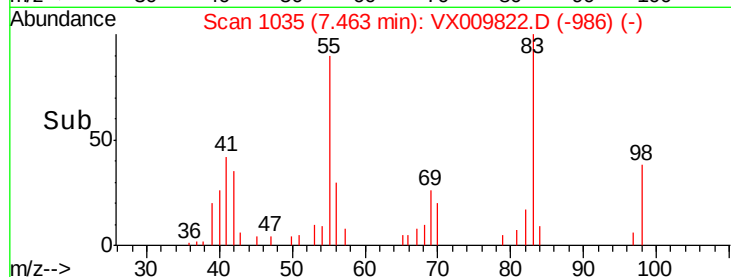
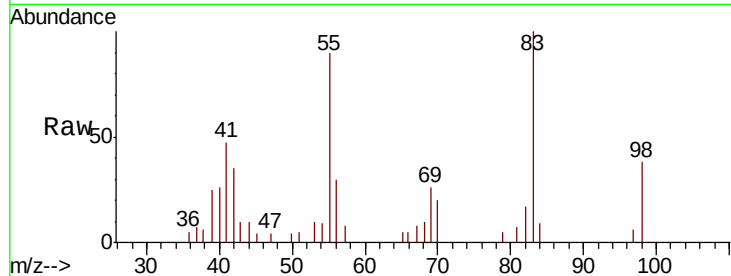




#39
Methvlcvclohexane
Concen: 0.963 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009822.D
Acq: 22 May 2019 23:21

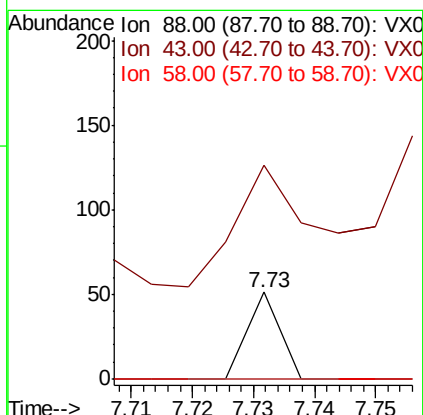
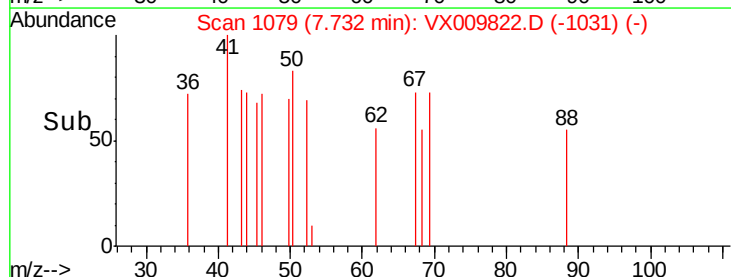
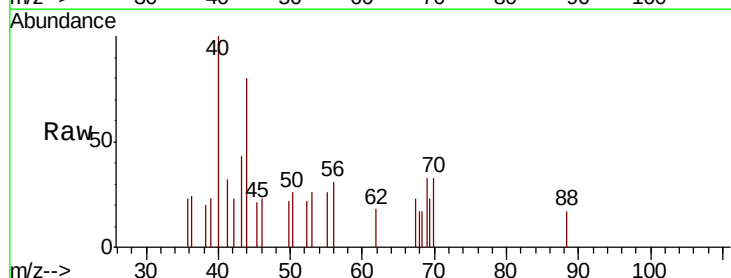
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E2-3R(14-17)

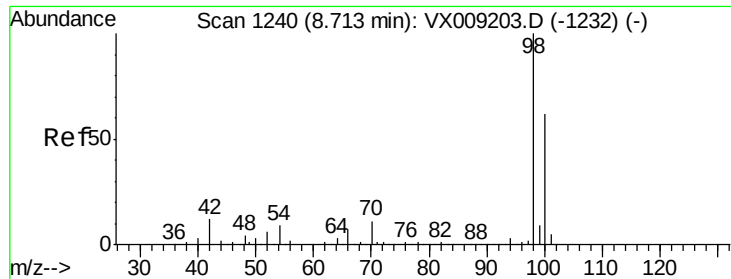
Tot Ion: 83 Resp: 2985
Ion Ratio Lower Upper
83 100
55 89.7 67.7 101.5
98 38.0 35.5 53.3



#49
1,4-Dioxane
Concen: 0.336 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VX009822.D
Acq: 22 May 2019 23:21

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 742.1 28.6 42.8#
58 0.0 61.7 92.5#

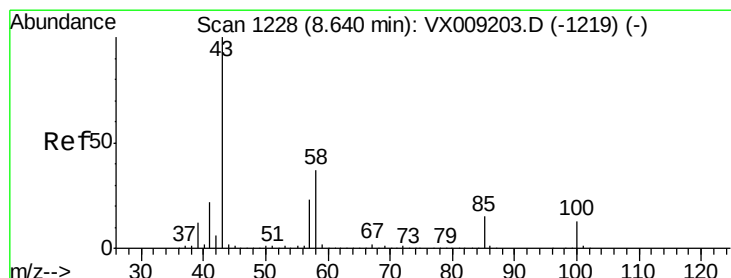
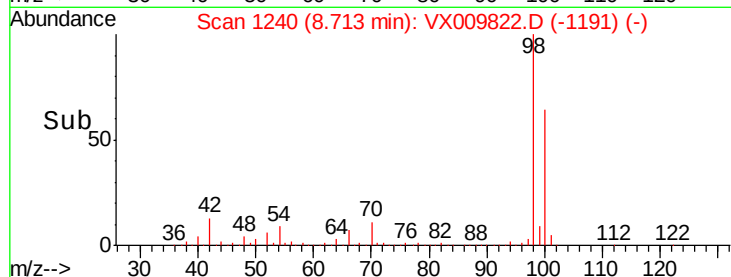
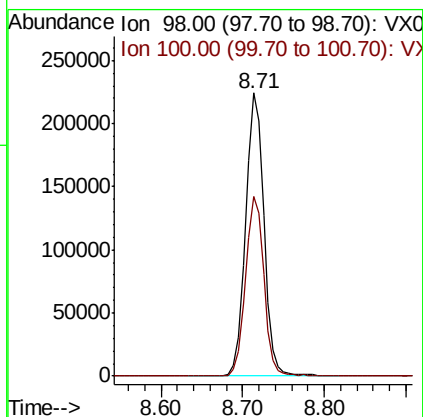
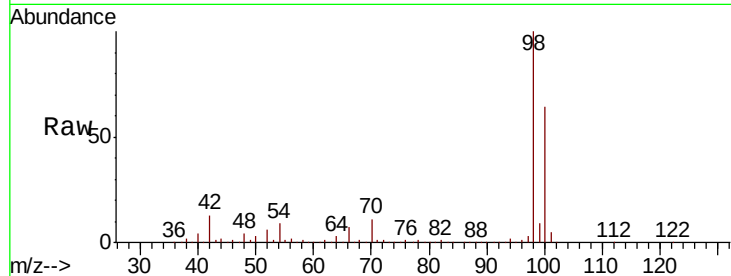




#50
Toluene-d8
Concen: 50.686 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009822.D
Acq: 22 May 2019 23:21

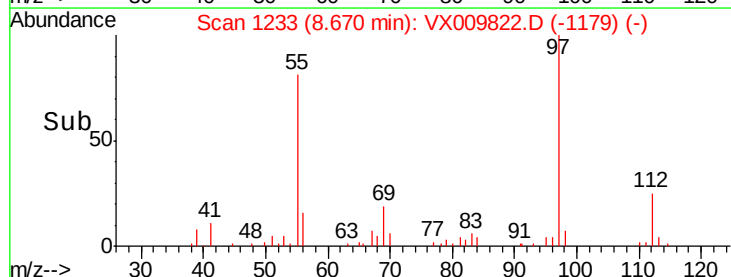
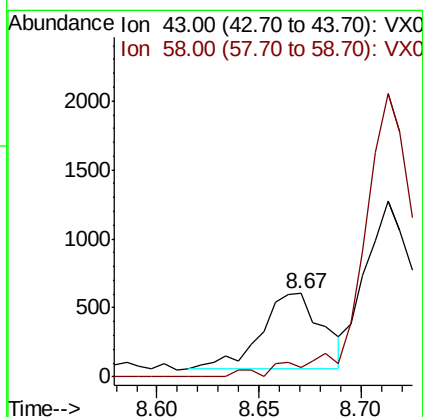
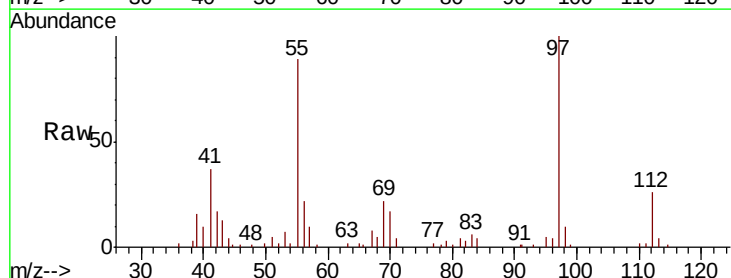
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E2-3R(14-17)

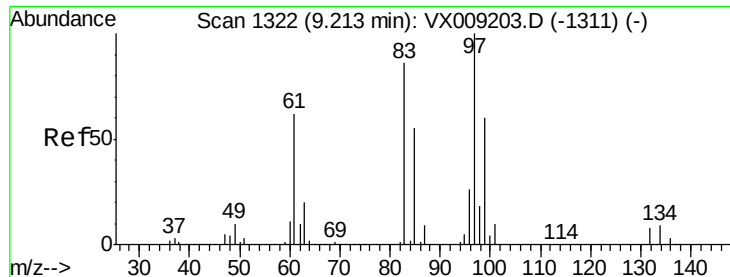
Tot Ion: 98 Resp: 349339
Ion Ratio Lower Upper
98 100
100 63.8 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 0.313 ug/l
RT: 8.67 min Scan# 1233
Delta R.T. 0.03 min
Lab File: VX009822.D
Acq: 22 May 2019 23:21

Tgt Ion: 43 Resp: 1149
Ion Ratio Lower Upper
43 100
58 0.0 29.5 44.3#

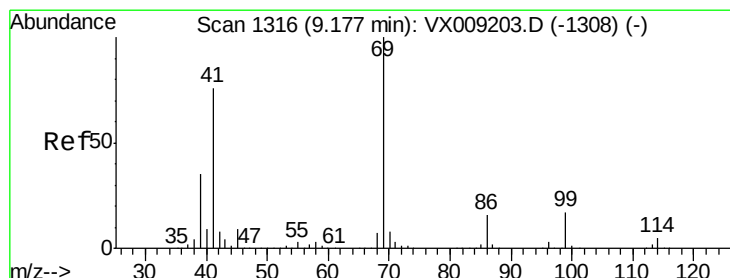
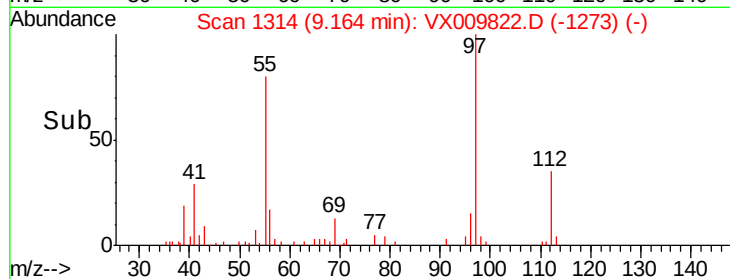
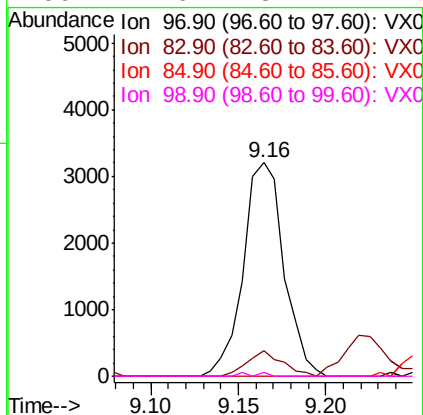
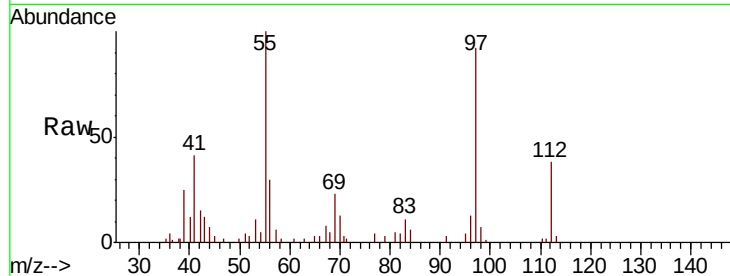




#55
 1,1,2-Trichloroethane
 Concen: 2.675 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX009822.D
 Acq: 22 May 2019 23:21

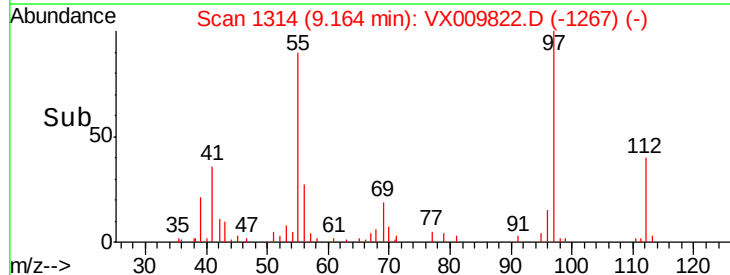
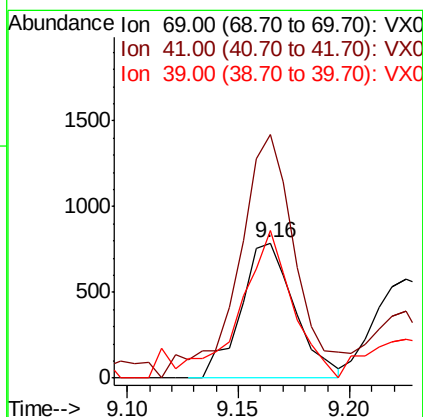
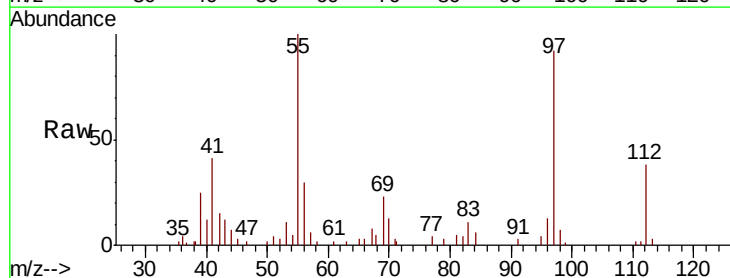
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-E2-3R(14-17)

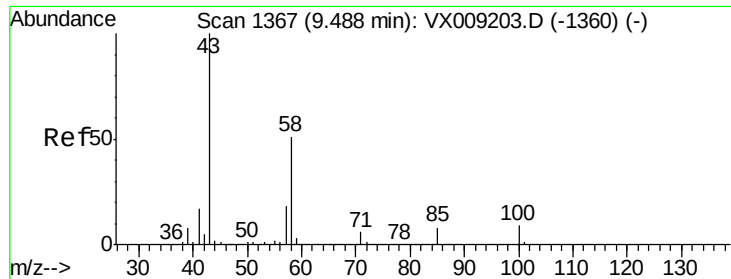
Tot Ion: 97 Resp: 5181
 Ion Ratio Lower Upper
 97 100
 83 12.3 68.9 103.3#
 85 0.0 43.8 65.6#
 99 1.6 48.2 72.2#



#56
 Ethyl methacrylate
 Concen: 0.384 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VX009822.D
 Acq: 22 May 2019 23:21

Tgt Ion: 69 Resp: 1327
 Ion Ratio Lower Upper
 69 100
 41 193.9 60.6 90.8#
 39 102.1 28.2 42.4#

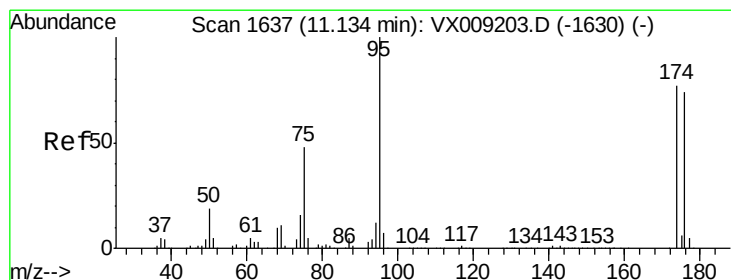
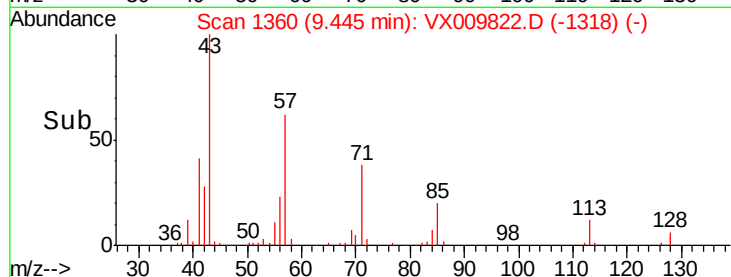
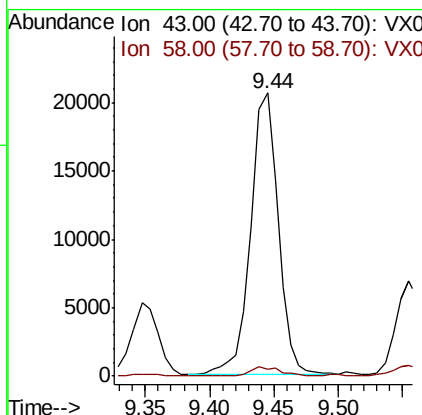
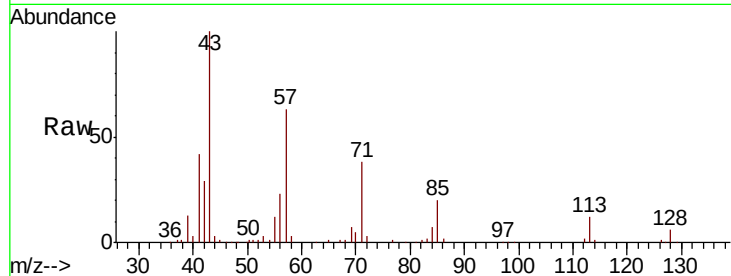




#59
2-Hexanone
Concen: 10.547 ug/l
RT: 9.44 min Scan# 1360
Delta R.T. -0.04 min
Lab File: VX009822.D
Acq: 22 May 2019 23:21

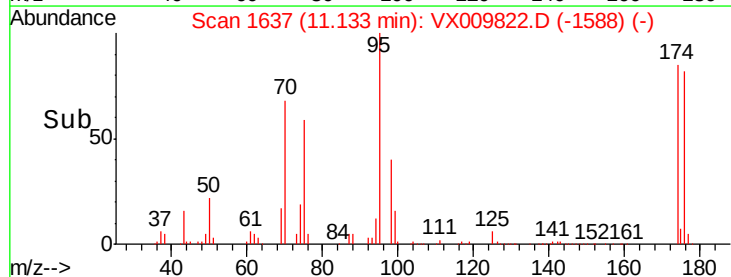
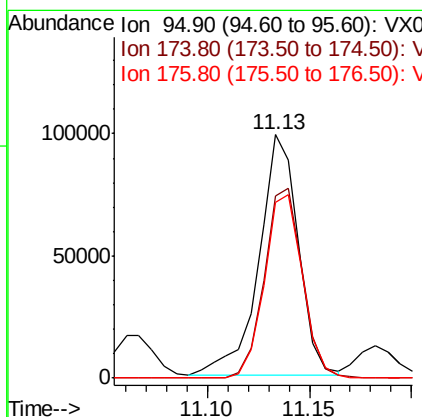
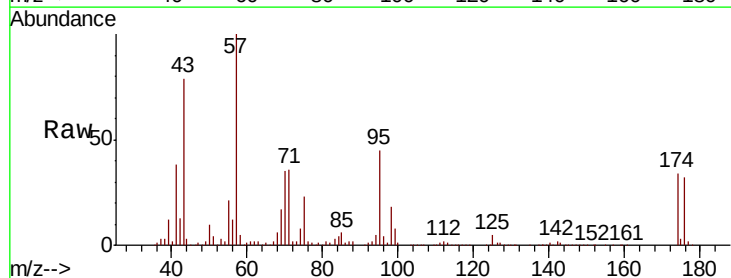
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E2-3R(14-17)

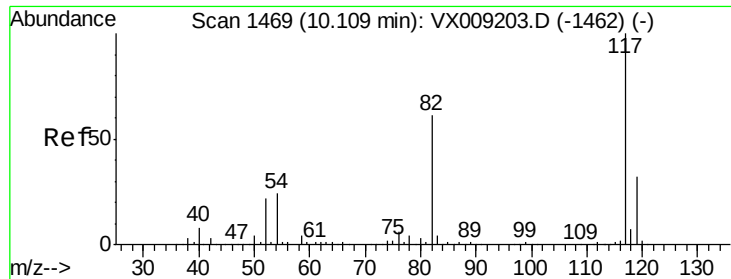
Tot Ion: 43 Resp: 30453
Ion Ratio Lower Upper
43 100
58 3.7 25.9 77.7#



#62
4-Bromofluorobenzene
Concen: 52.525 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009822.D
Acq: 22 May 2019 23:21

Tgt Ion: 95 Resp: 131543
Ion Ratio Lower Upper
95 100
174 77.0 0.0 161.6
176 74.6 0.0 159.2

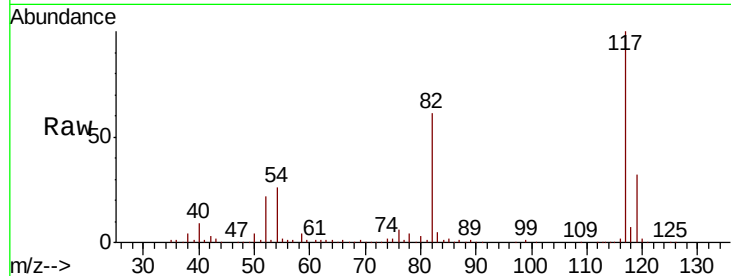




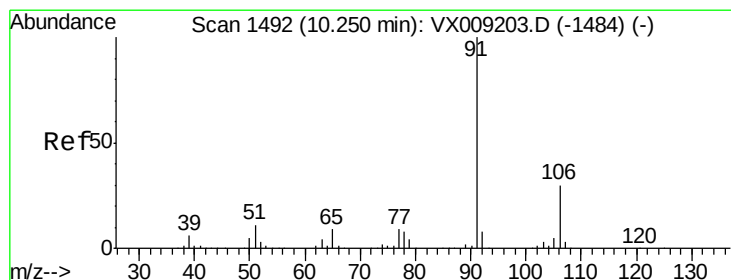
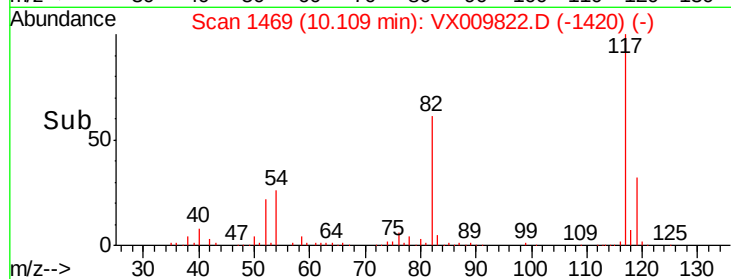
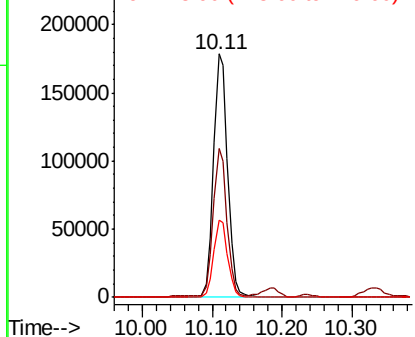
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009822.D
Acq: 22 May 2019 23:21

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E2-3R(14-17)

Tot Ion:117 Resp: 249804
Ion Ratio Lower Upper
117 100
82 61.3 48.8 73.2
119 31.7 25.8 38.6

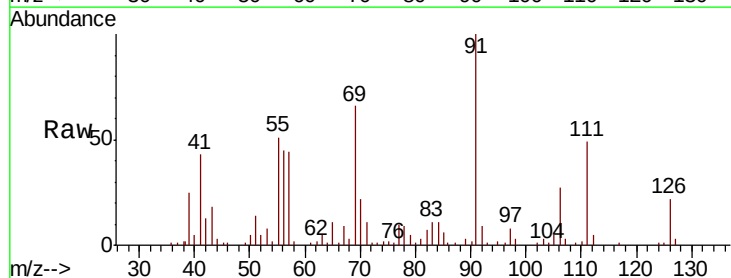


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

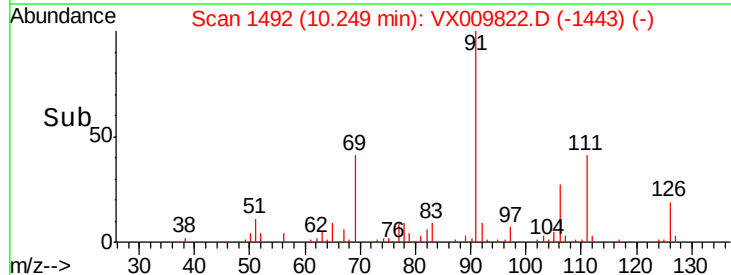
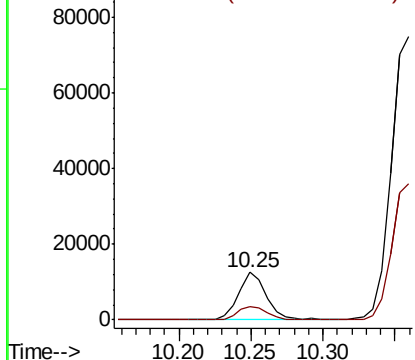


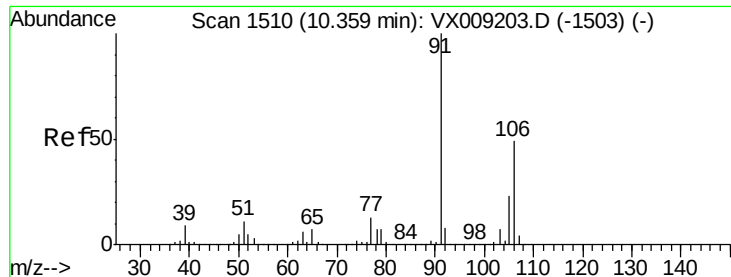
#67
Ethyl Benzene
Concen: 1.844 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009822.D
Acq: 22 May 2019 23:21

Tgt Ion: 91 Resp: 16955
Ion Ratio Lower Upper
91 100
106 27.4 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xvlenes

Concen: 14.753 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX009822.D

Acq: 22 May 2019 23:21

Instrument :

MSVOA_X

ClientSampleId :

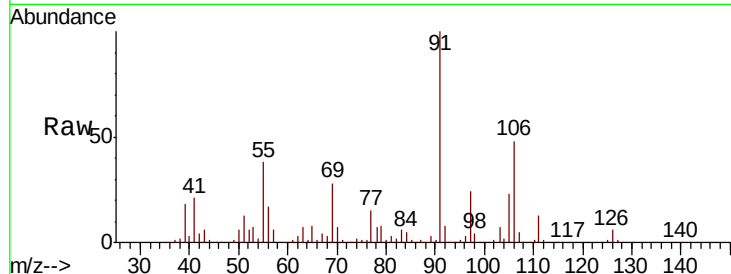
EP1-SB-E2-3R(14-17)

Tot Ion:106 Resp: 49582

Ion Ratio Lower Upper

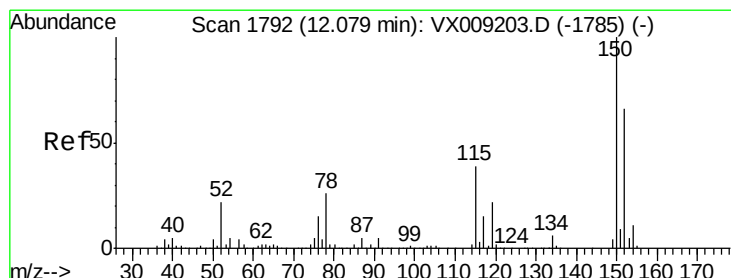
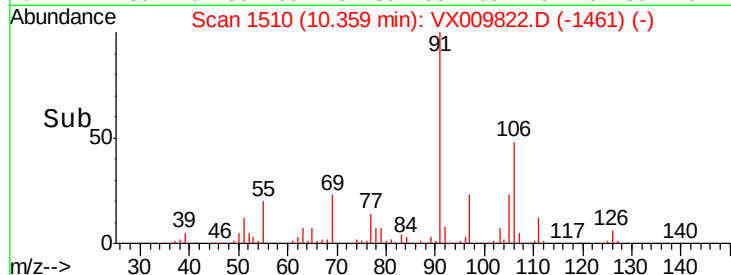
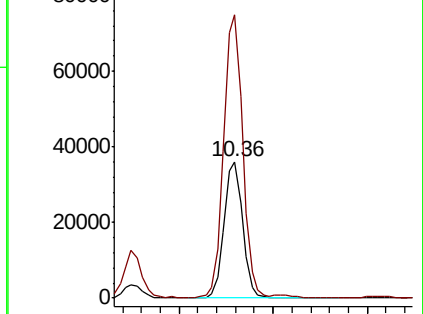
106 100

91 213.7 164.0 246.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009822.D

Acq: 22 May 2019 23:21

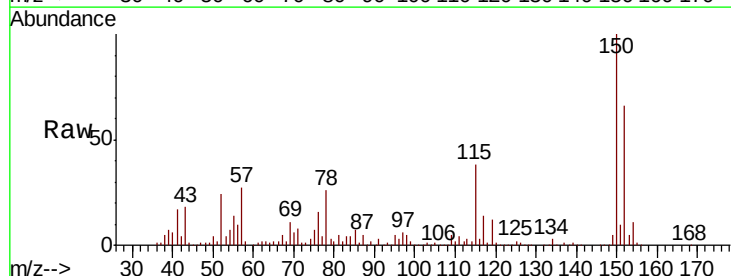
Tgt Ion:152 Resp: 120148

Ion Ratio Lower Upper

152 100

115 66.4 41.2 123.6

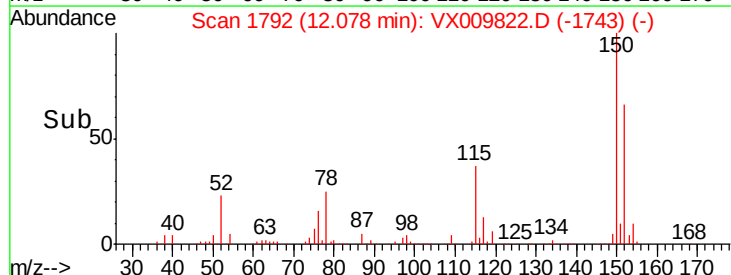
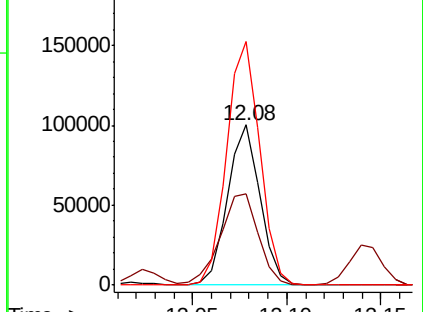
150 155.1 0.0 346.4

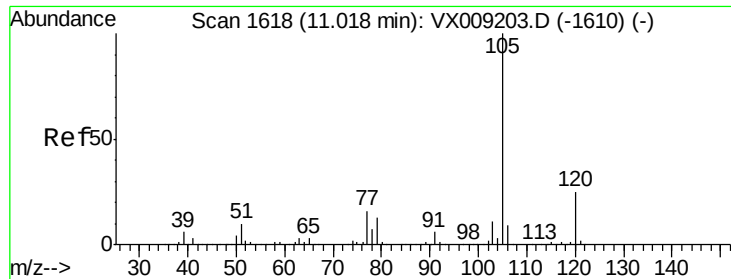


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 14.461 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009822.D

Acq: 22 May 2019 23:21

Instrument :

MSVOA_X

ClientSampleId :

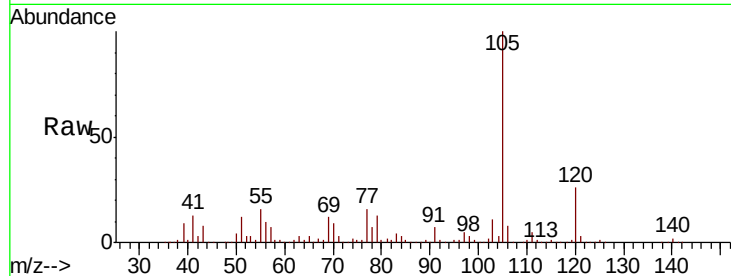
EP1-SB-E2-3R(14-17)

Tot Ion:105 Resp: 126348

Ion Ratio Lower Upper

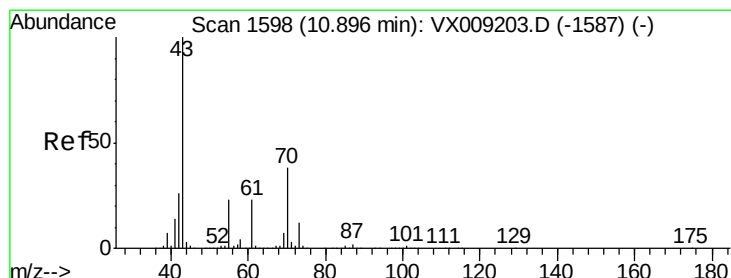
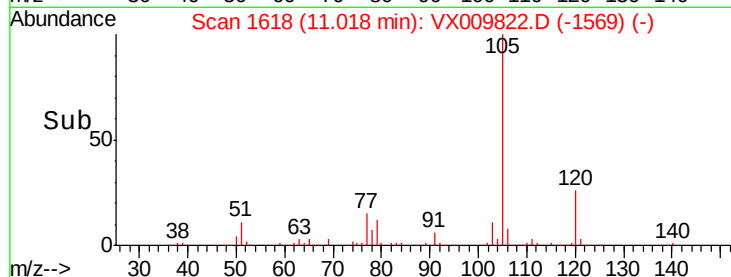
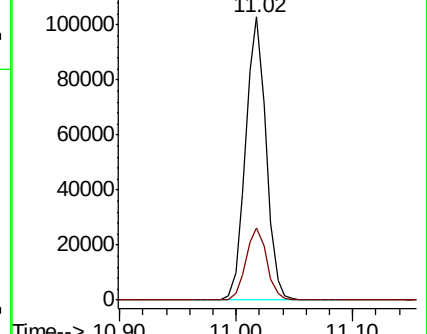
105 100

120 26.0 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.408 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX009822.D

Acq: 22 May 2019 23:21

Tgt Ion: 43 Resp: 103953

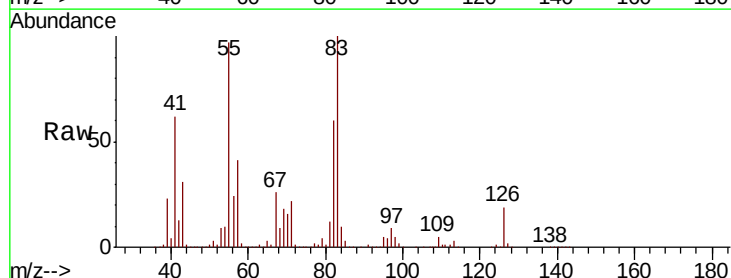
Ion Ratio Lower Upper

43 100

70 68.3 30.0 45.0#

55 284.8 17.9 26.9#

61 0.2 18.4 27.6#

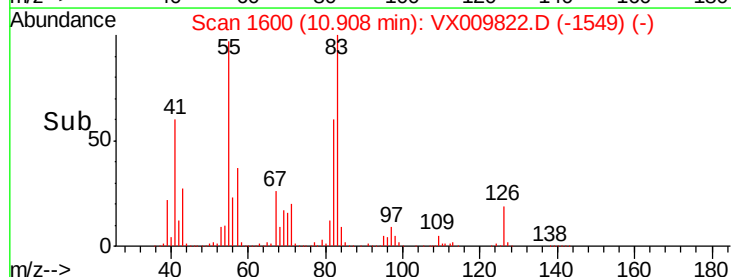
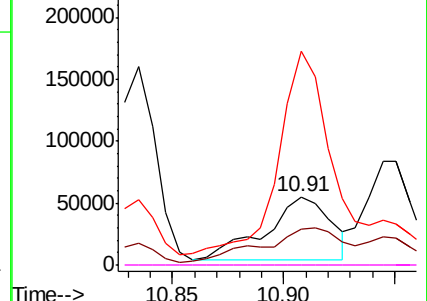


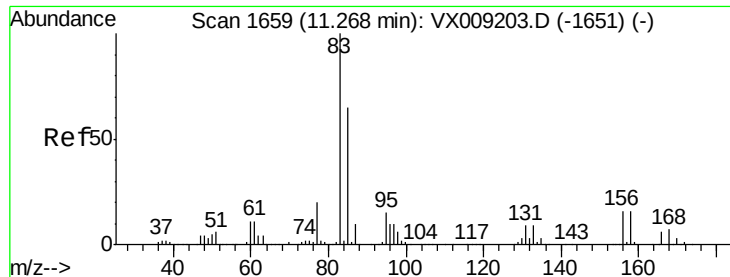
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 17.537 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX009822.D

Acq: 22 May 2019 23:21

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-E2-3R(14-17)

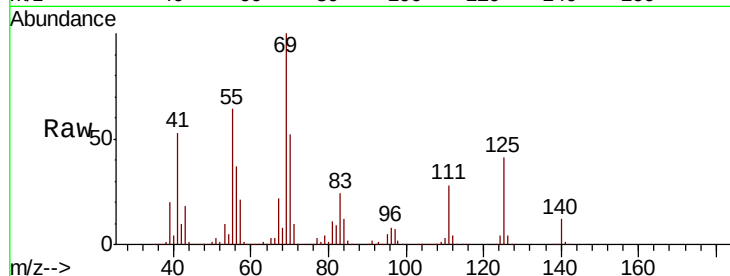
Tot Ion: 83 Resp: 57117

Ion Ratio Lower Upper

83 100

131 0.0 4.6 13.8#

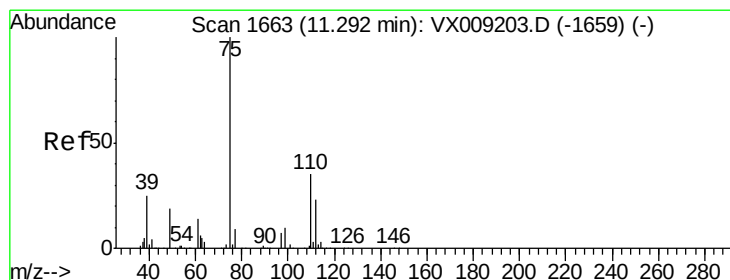
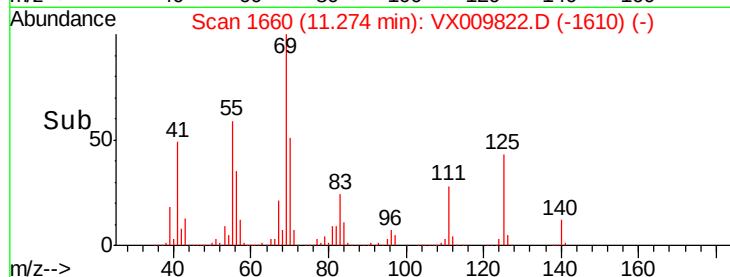
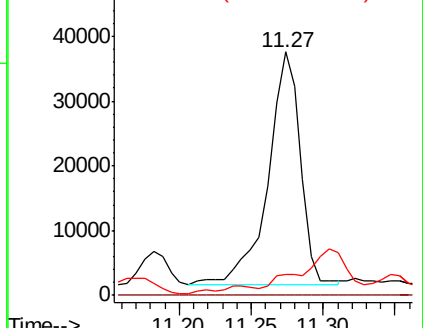
85 0.0 32.0 96.2#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 0.836 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.07 min

Lab File: VX009822.D

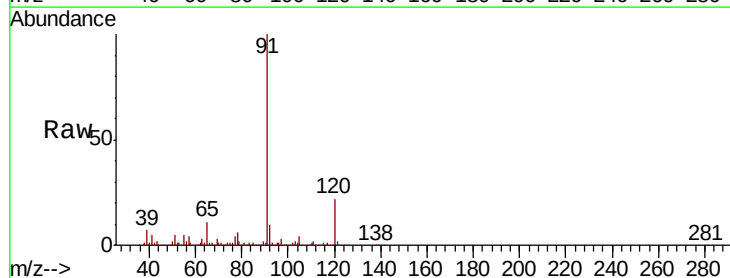
Acq: 22 May 2019 23:21

Tgt Ion: 75 Resp: 2329

Ion Ratio Lower Upper

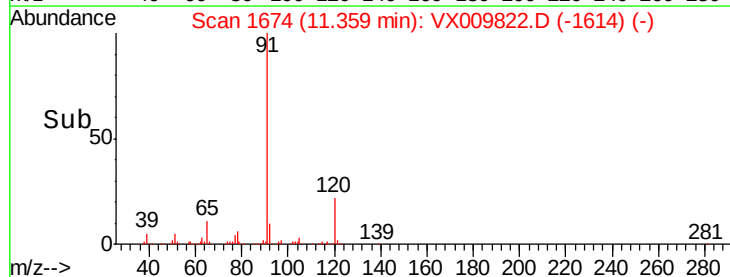
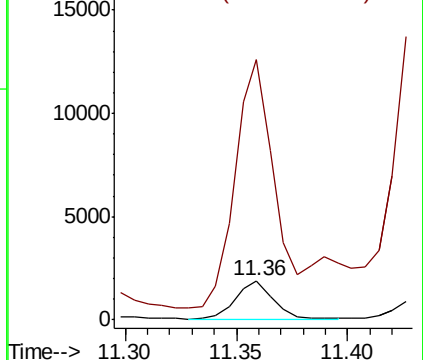
75 100

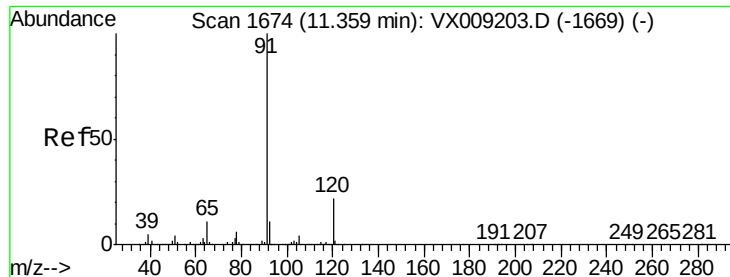
77 657.6 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 35.313 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009822.D

Acq: 22 May 2019 23:21

Instrument :

MSVOA_X

ClientSampleId :

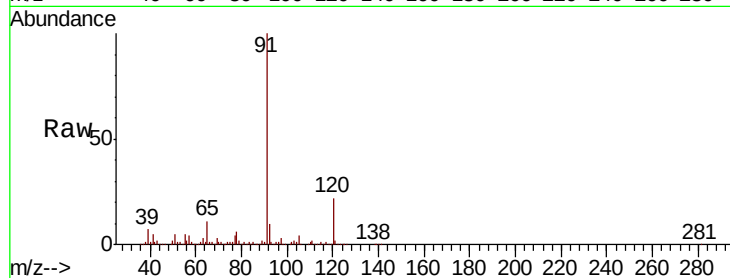
EP1-SB-E2-3R(14-17)

Tot Ion: 91 Resp: 352362

Ion Ratio Lower Upper

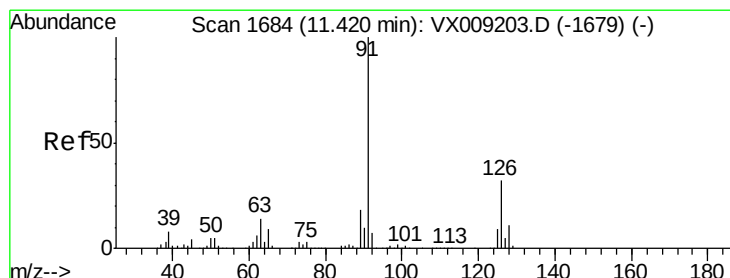
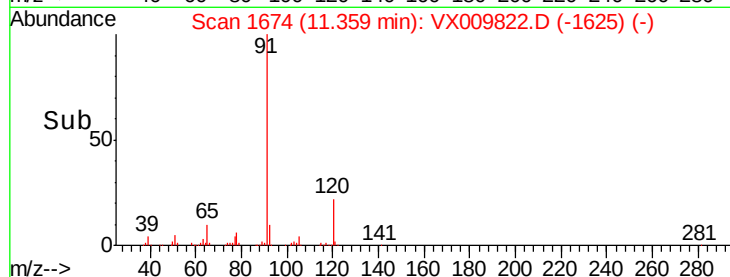
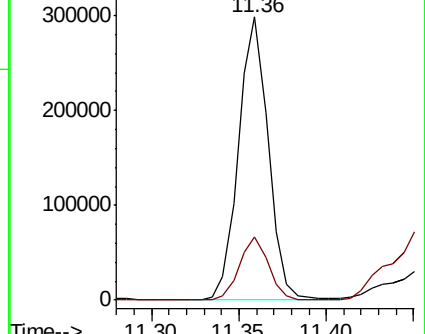
91 100

120 21.8 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 8.983 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. 0.03 min

Lab File: VX009822.D

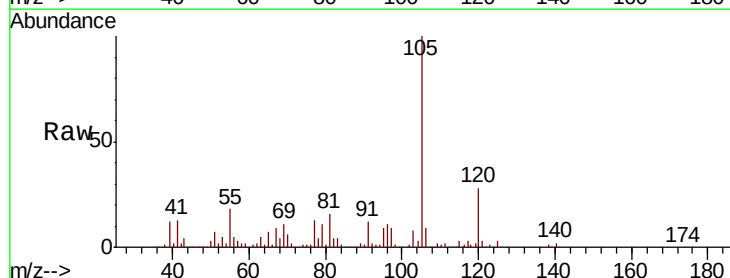
Acq: 22 May 2019 23:21

Tgt Ion: 91 Resp: 55299

Ion Ratio Lower Upper

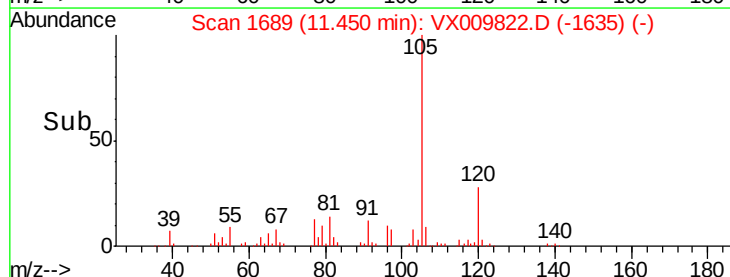
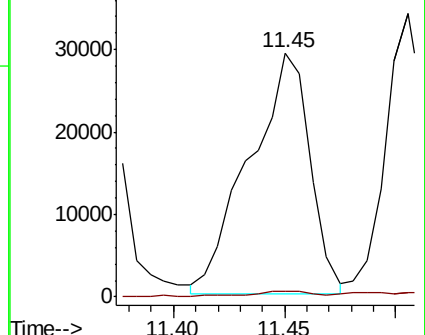
91 100

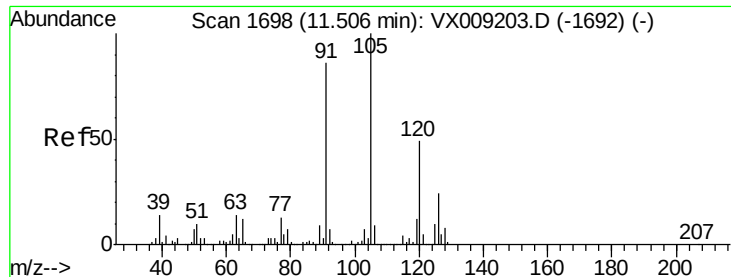
126 2.2 16.3 48.9#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

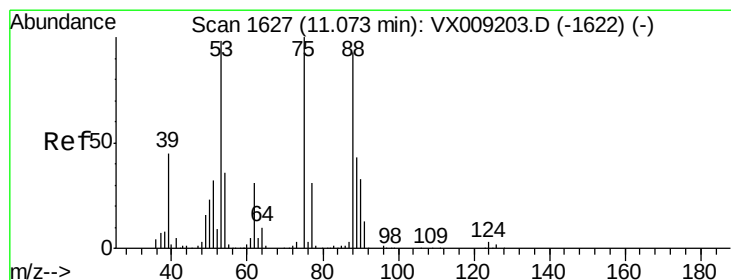
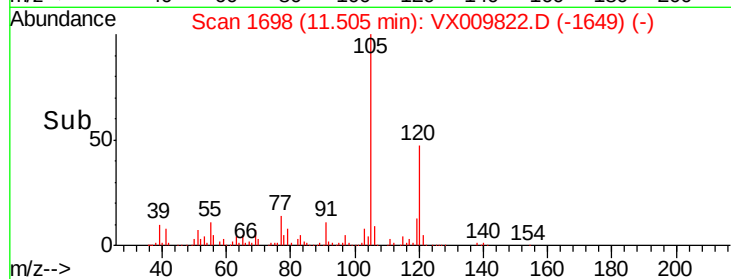
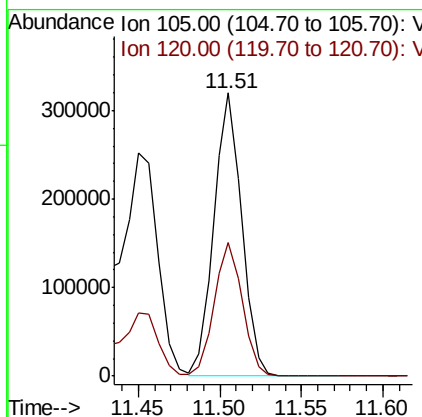
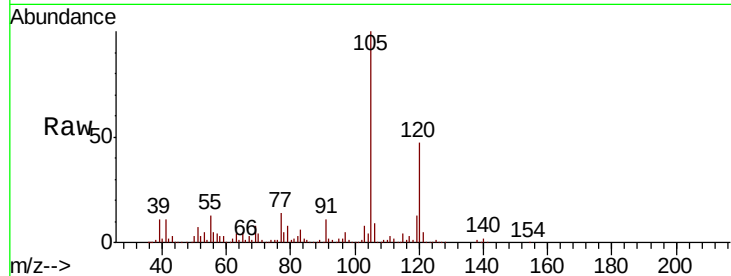




#80
 1,3,5-Trimethylbenzene
 Concen: 51.441 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009822.D
 Acq: 22 May 2019 23:21

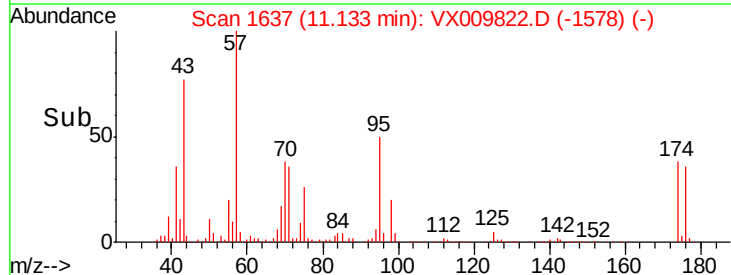
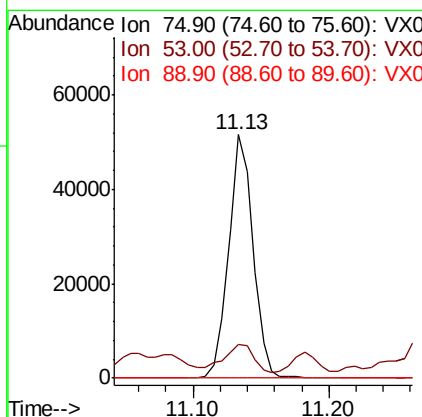
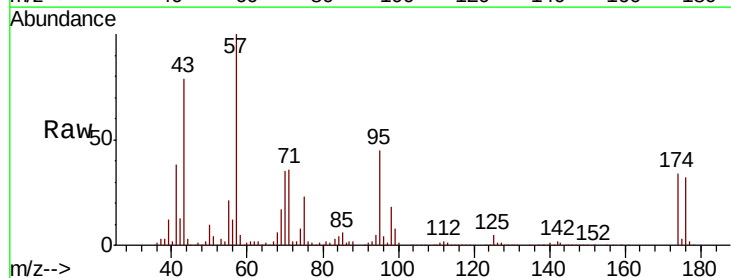
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-E2-3R(14-17)

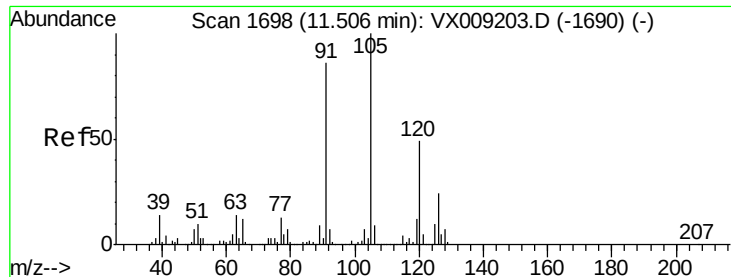
Tot Ion:105 Resp: 378428
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.3 72.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.828 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX009822.D
 Acq: 22 May 2019 23:21

Tgt Ion: 75 Resp: 64078
 Ion Ratio Lower Upper
 75 100
 53 14.6 79.0 118.6#
 89 0.0 34.7 52.1#





#82

4-Chlorotoluene

Concen: 6.334 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009822.D

Acq: 22 May 2019 23:21

Instrument :

MSVOA_X

ClientSampleId :

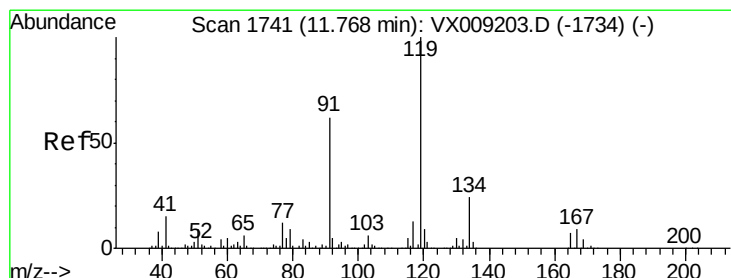
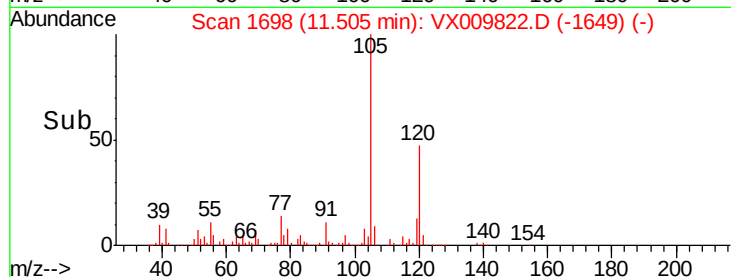
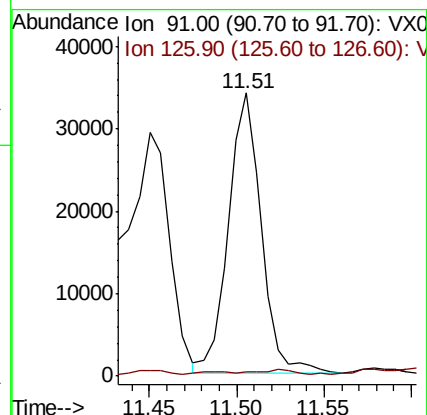
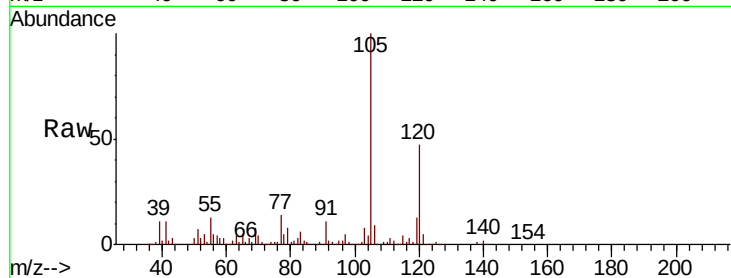
EP1-SB-E2-3R(14-17)

Tot Ion: 91 Resp: 44051

Ion Ratio Lower Upper

91 100

126 1.4 14.5 43.6#



#83

tert-Butylbenzene

Concen: 4.218 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX009822.D

Acq: 22 May 2019 23:21

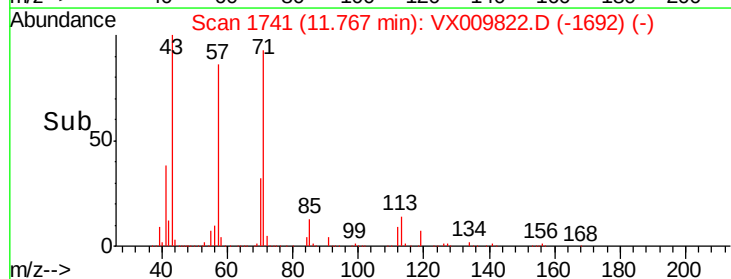
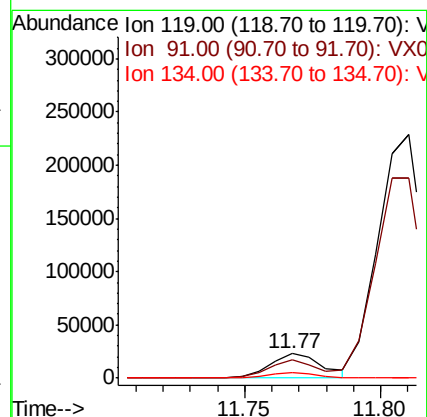
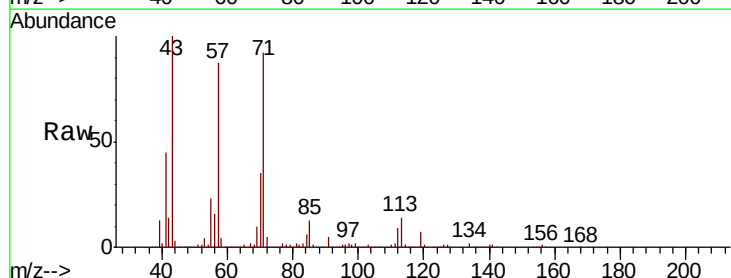
Tgt Ion: 119 Resp: 30188

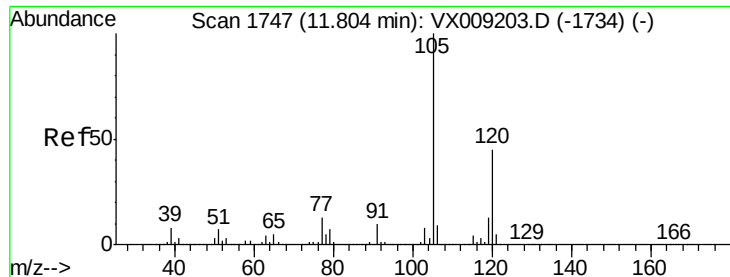
Ion Ratio Lower Upper

119 100

91 65.1 29.5 88.5

134 22.2 11.4 34.1





#84

1,2,4-Trimethylbenzene

Concen: 303.460 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX009822.D

Acq: 22 May 2019 23:21

Instrument :

MSVOA_X

ClientSampleId :

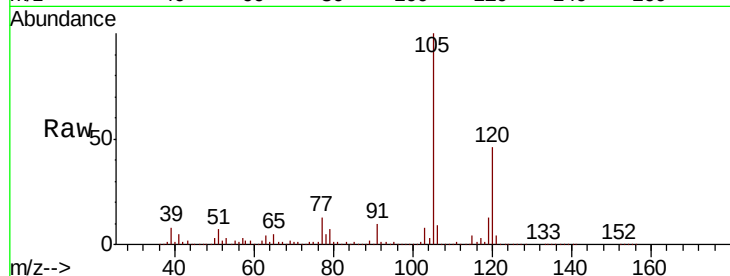
EP1-SB-E2-3R(14-17)

Tot Ion:105 Resp: 2240794

Ion Ratio Lower Upper

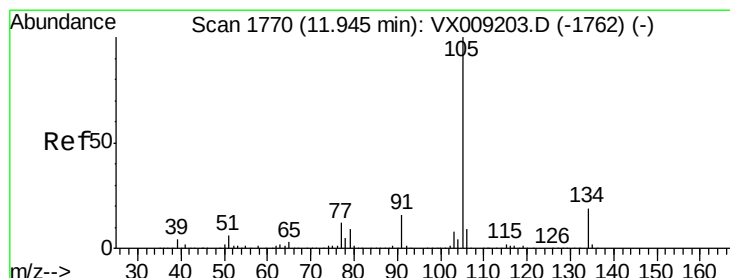
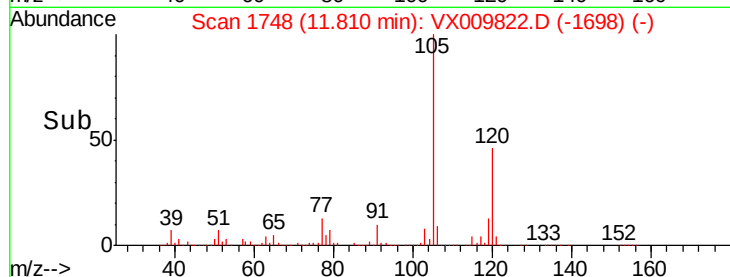
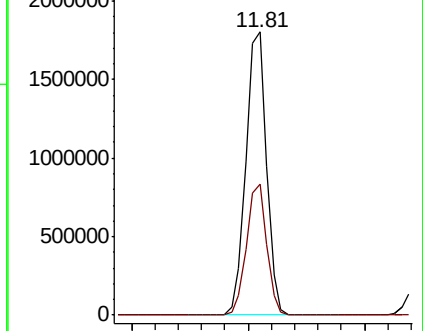
105 100

120 45.4 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 27.102 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009822.D

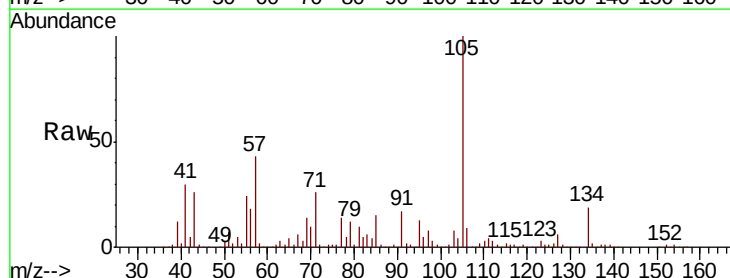
Acq: 22 May 2019 23:21

Tgt Ion:105 Resp: 229950

Ion Ratio Lower Upper

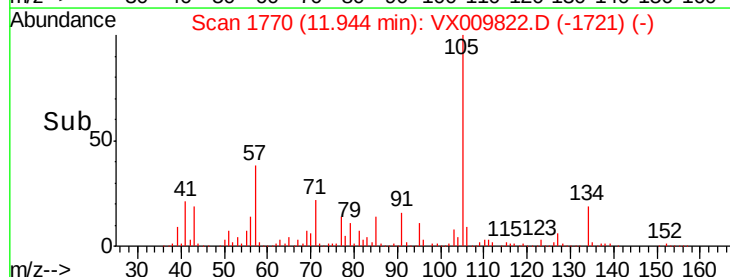
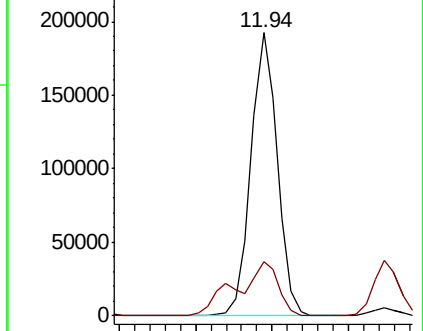
105 100

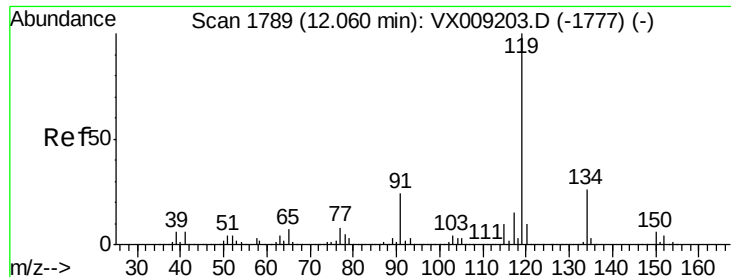
134 17.9 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

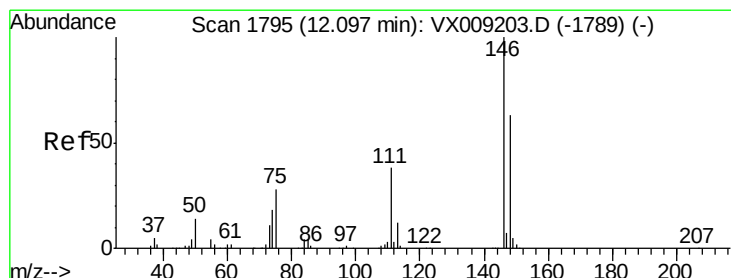
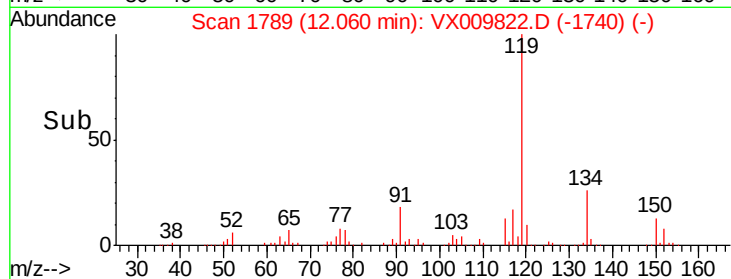
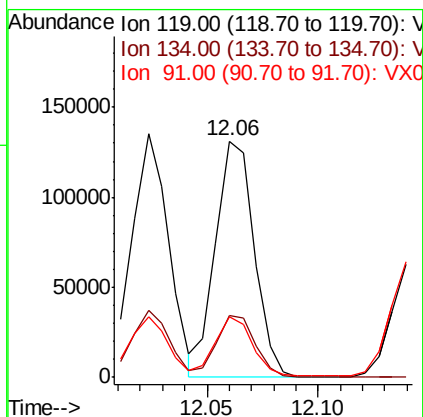
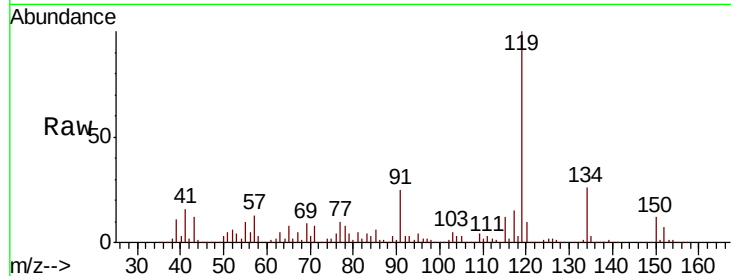




#86
 p-Isopropyltoluene
 Concen: 20.740 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX009822.D
 Acq: 22 May 2019 23:21

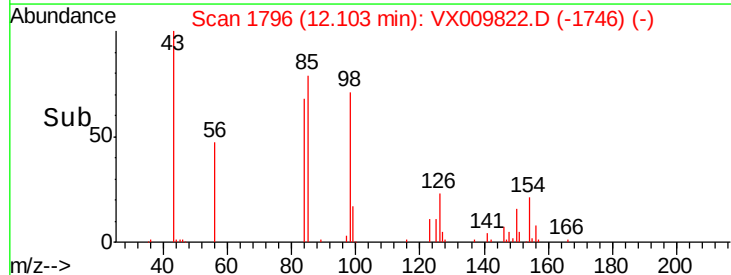
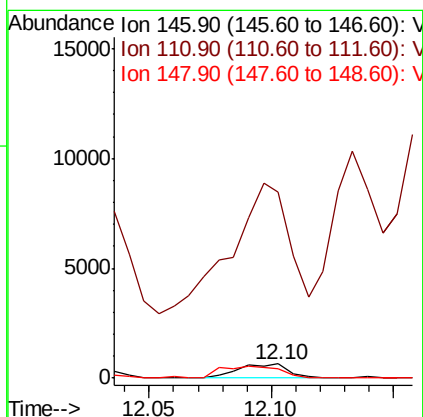
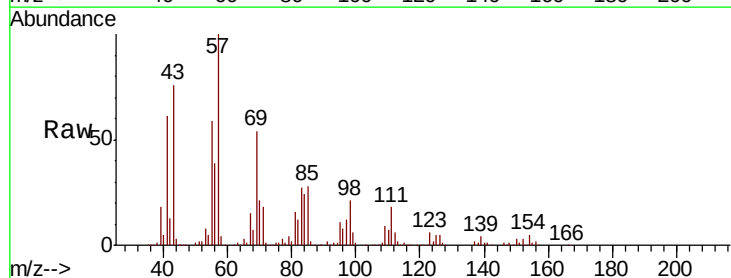
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-E2-3R(14-17)

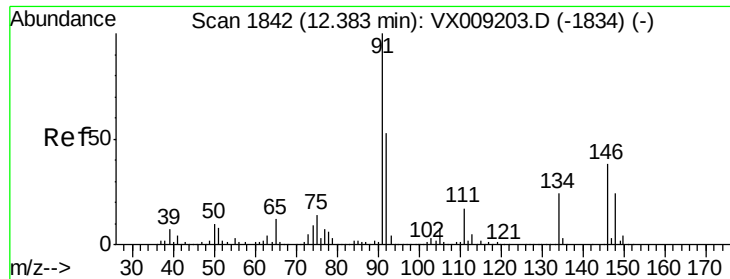
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.4	12.9	38.7
91	24.0	11.8	35.4



#88
 1,4-Dichlorobenzene
 Concen: 0.231 ug/l
 RT: 12.10 min Scan# 1796
 Delta R.T. 0.01 min
 Lab File: VX009822.D
 Acq: 22 May 2019 23:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	1097.7	19.6	58.8#
148	104.2	31.8	95.3#





#89

n-Butylbenzene

Concen: 43.307 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX009822.D

Acq: 22 May 2019 23:21

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-E2-3R(14-17)

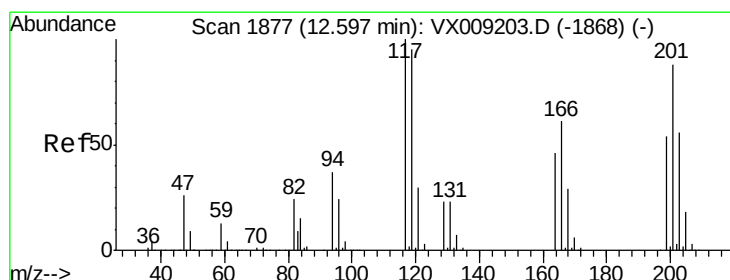
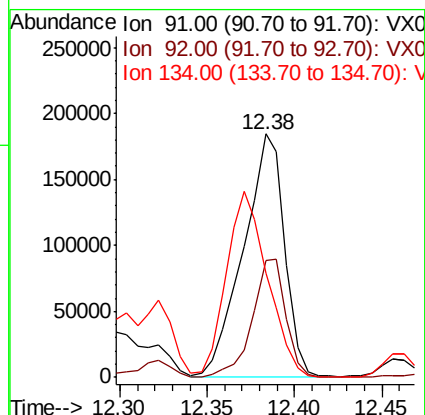
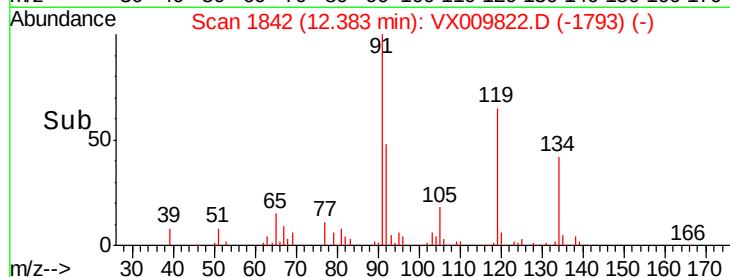
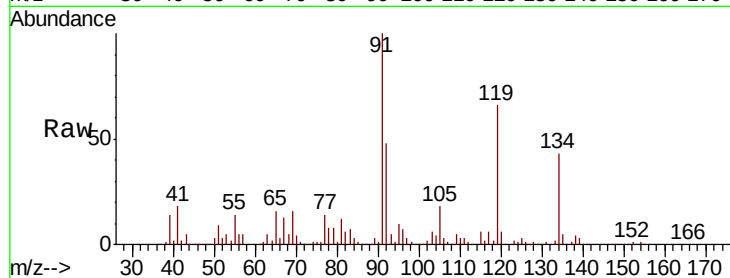
Tot Ion: 91 Resp: 298557

Ion Ratio Lower Upper

91 100

92 39.8 26.5 79.5

134 76.8 12.4 37.2#



#90

Hexachloroethane

Concen: 22.289 ug/l

RT: 12.61 min Scan# 1879

Delta R.T. 0.01 min

Lab File: VX009822.D

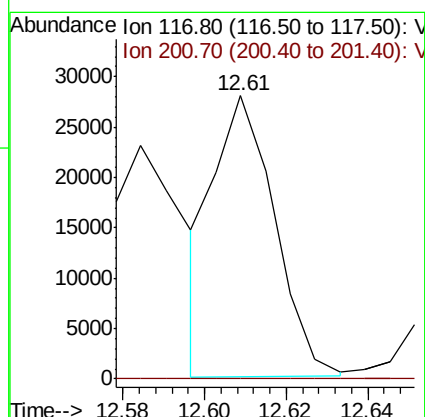
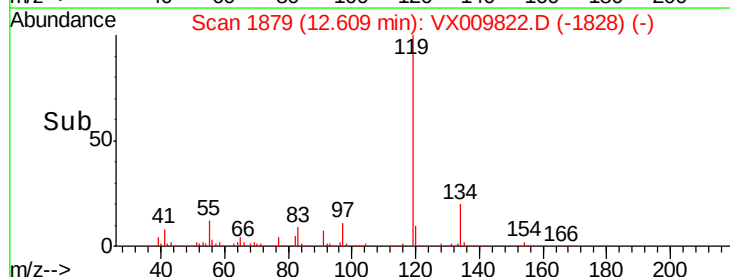
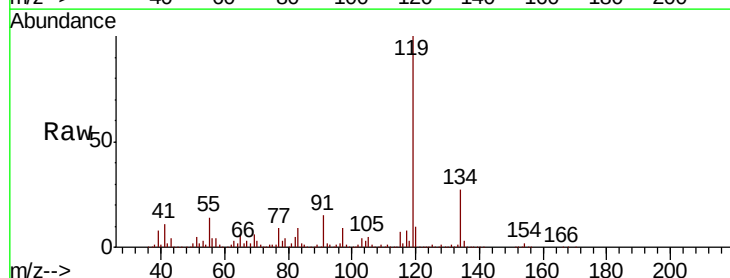
Acq: 22 May 2019 23:21

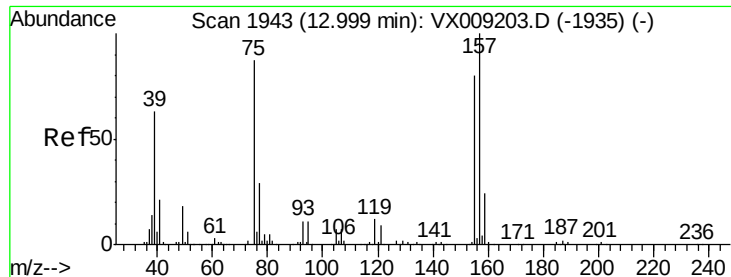
Tgt Ion: 117 Resp: 28964

Ion Ratio Lower Upper

117 100

201 0.0 42.3 126.9#





#92

1,2-Dibromo-3-Chloropropane

Concen: 3.501 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX009822.D

Acq: 22 May 2019 23:21

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-E2-3R(14-17)

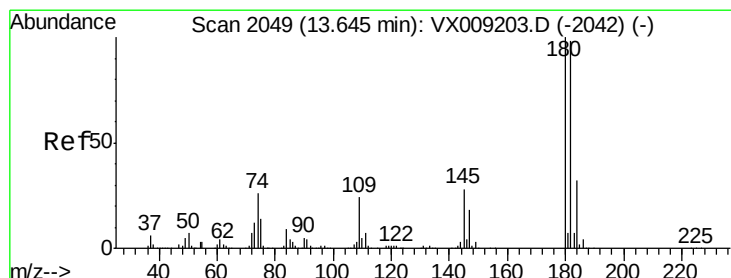
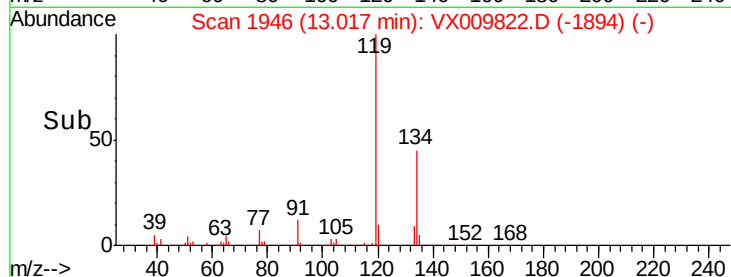
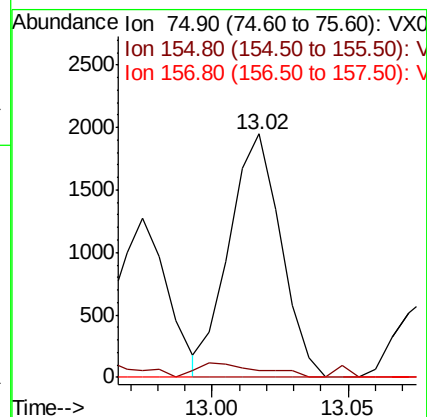
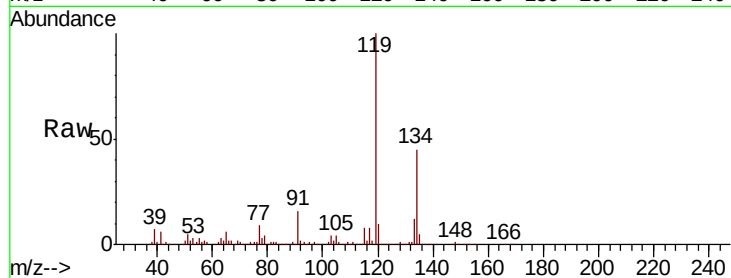
Tot Ion: 75 Resp: 2558

Ion Ratio Lower Upper

75 100

155 7.4 42.0 126.0#

157 0.0 53.2 159.6#



#93

1,2,4-Trichlorobenzene

Concen: 0.423 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX009822.D

Acq: 22 May 2019 23:21

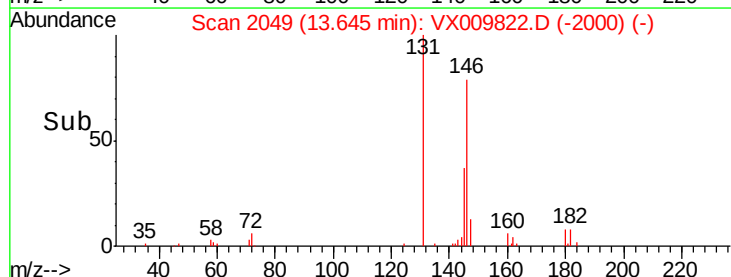
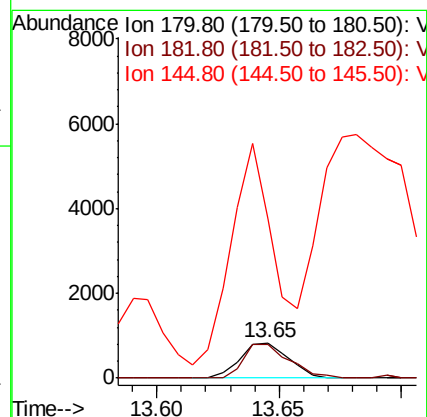
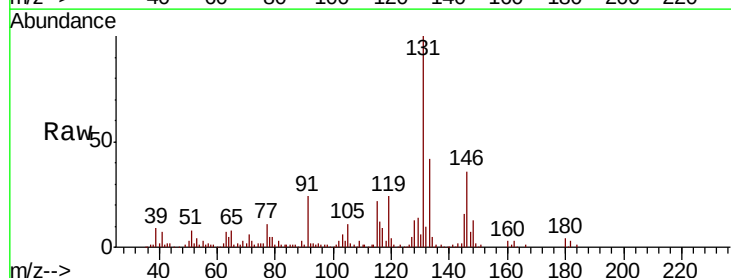
Tgt Ion: 180 Resp: 1138

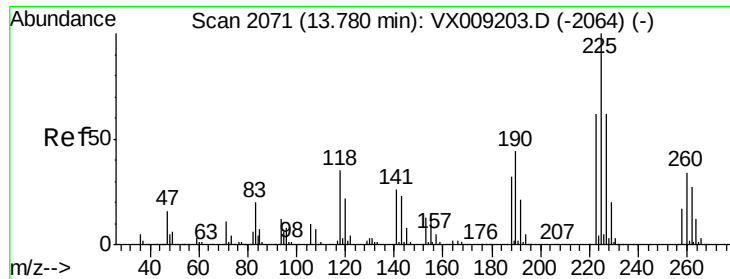
Ion Ratio Lower Upper

180 100

182 90.2 48.4 145.2

145 612.1 14.6 43.8#





#94

Hexachlorobutadiene

Concen: 0.399 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX009822.D

Acq: 22 May 2019 23:21

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-E2-3R(14-17)

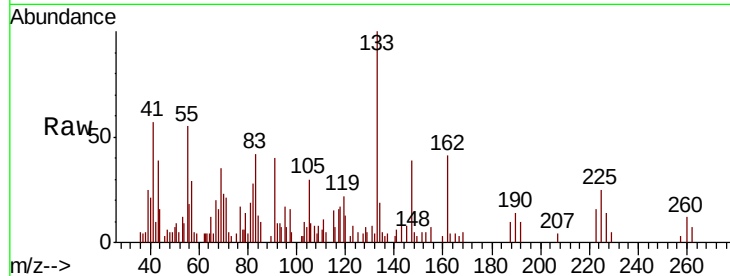
Tot Ion:225 Resp: 548

Ion Ratio Lower Upper

225 100

223 58.8 31.3 93.8

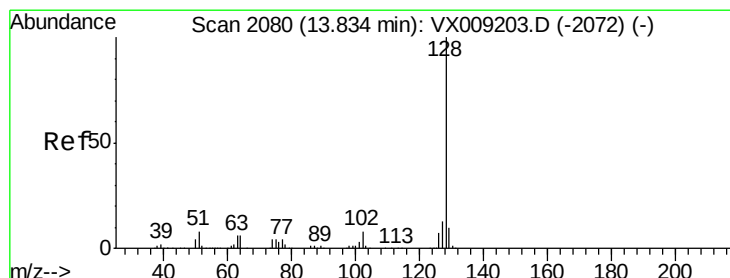
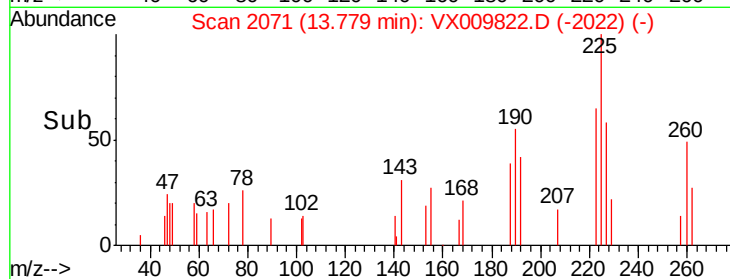
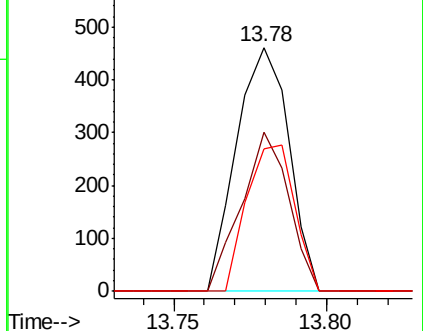
227 54.9 31.8 95.3



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: 7.044 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009822.D

Acq: 22 May 2019 23:21

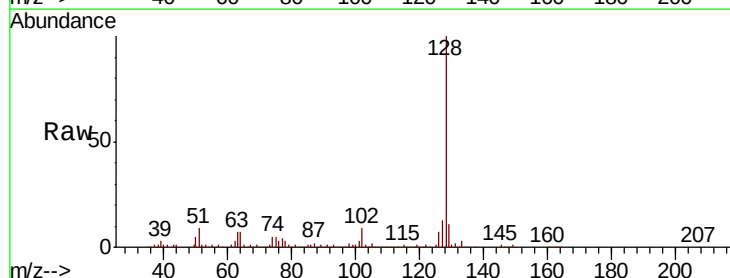
Tgt Ion:128 Resp: 61710

Ion Ratio Lower Upper

128 100

127 14.0 10.4 15.6

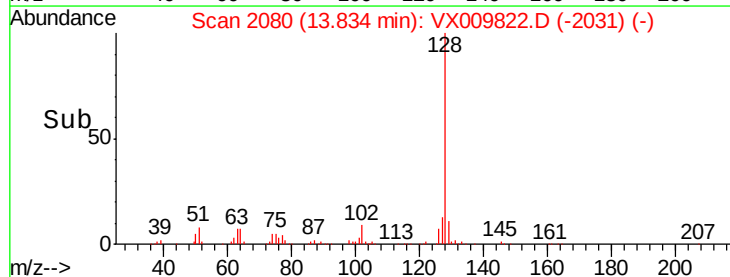
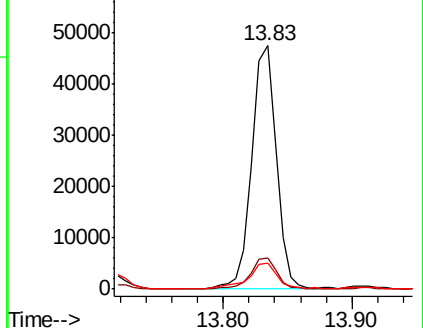
129 12.8 8.6 13.0

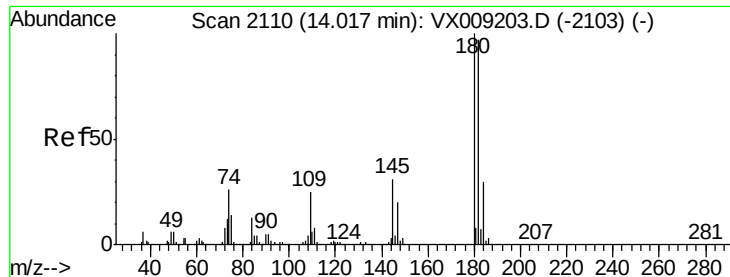


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.357 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX009822.D
 Acq: 22 May 2019 23:21

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-E2-3R(14-17)

Tot Ion	Ratio	Lower	Upper
180	100		
182	86.9	47.8	143.4
145	264.8	15.4	46.4#

