

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
 Data File : VX010856.D
 Acq On : 12 Jul 2019 23:26
 Operator : JC/SP
 Sample : K3726-03ME
 Misc : 5.87g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PX-3_070919ME

Quant Time: Jul 13 05:14:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	208350	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	325894	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	294887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158632	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	105466	53.99	ug/l	0.00
Spiked Amount			Recovery	=	107.98%	
35) Dibromofluoromethane	5.50	113	94462	47.37	ug/l	0.00
Spiked Amount			Recovery	=	94.74%	
50) Toluene-d8	8.71	98	384729	50.43	ug/l	0.00
Spiked Amount			Recovery	=	100.86%	
62) 4-Bromofluorobenzene	11.14	95	142407	51.71	ug/l	0.00
Spiked Amount			Recovery	=	103.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	486	0.288	ug/l	91
5) Bromomethane	1.64	94	874	0.971	ug/l	85
10) Methyl Iodide	2.48	142	1639	0.647	ug/l	98
11) Tert butyl alcohol	3.01	59	2172	4.249	ug/l #	76
13) Acrolein	2.30	56	294	0.867	ug/l #	61
16) Acetone	2.45	43	355	0.363	ug/l #	39
17) Carbon Disulfide	2.53	76	1545	0.319	ug/l	96
18) Methyl Acetate	2.79	43	7503	3.845	ug/l	99
20) Methylene Chloride	2.84	84	682	0.338	ug/l #	71
36) 1,1-Dichloropropene	5.65	75	13502	5.214	ug/l #	47
38) Carbon Tetrachloride	5.65	117	18298	6.525	ug/l #	16
39) Methylcyclohexane	7.45	83	1392	0.409	ug/l #	81
49) 1,4-Dioxane	7.78	88	22	0.373	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	3974	1.814	ug/l #	20
56) Ethyl methacrylate	9.16	69	1005	0.303	ug/l #	1
59) 2-Hexanone	9.44	43	13916	6.272	ug/l #	27
67) Ethyl Benzene	10.25	91	3409	0.337	ug/l	98
68) m/p-Xylenes	10.36	106	5070	1.295	ug/l	89
69) o-Xylene	10.70	106	8911	2.314	ug/l	94
73) Isopropylbenzene	11.02	105	4460	0.415	ug/l	94
74) N-amyl acetate	10.91	43	46932	11.549	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	39786	11.172	ug/l #	26
76) 1,2,3-Trichloropropane	11.14	75	67931	23.500	ug/l #	34
78) n-propylbenzene	11.36	91	7786	0.659	ug/l #	50
79) 2-Chlorotoluene	11.67	91	12117	1.722	ug/l	84
80) 1,3,5-Trimethylbenzene	11.51	105	153904	17.361	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.14	75	67931	54.823	ug/l #	20
82) 4-Chlorotoluene	11.67	91	12240	1.528	ug/l	97
83) tert-Butylbenzene	11.81	119	19851	2.231	ug/l #	44
84) 1,2,4-Trimethylbenzene	11.80	105	160037	17.969	ug/l	100
85) sec-Butylbenzene	11.94	105	20955	2.006	ug/l	92
86) p-Isopropyltoluene	12.06	119	57628	5.964	ug/l	99
89) n-Butylbenzene	12.37	91	94077	11.457	ug/l #	1
90) Hexachloroethane	12.58	117	21903	13.109	ug/l #	5

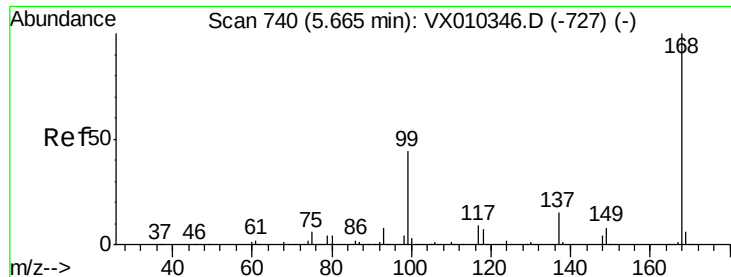
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
Data File : VX010856.D
Acq On : 12 Jul 2019 23:26
Operator : JC/SP
Sample : K3726-03ME
Misc : 5.87g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PX-3_070919ME

Quant Time: Jul 13 05:14:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	12.97	75	2861	3.726	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	1293	0.358	ug/l #	1
94) Hexachlorobutadiene	13.78	225	510	0.289	ug/l	82
95) Naphthalene	13.81	128	11968	1.078	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.04	180	17887	4.980	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX010856.D

Acq: 12 Jul 2019 23:26

Instrument :

MSVOA_X

ClientSampleId :

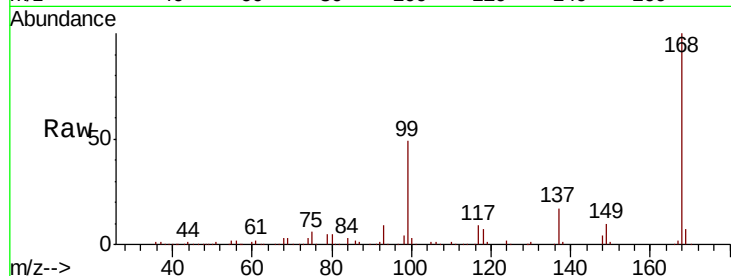
PX-3_070919ME

Tot Ion:168 Resp: 208350

Ion Ratio Lower Upper

168 100

99 49.0 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

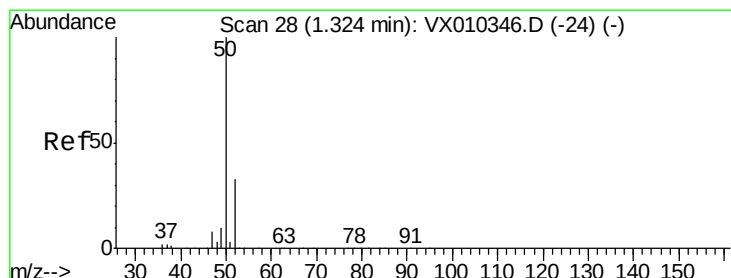
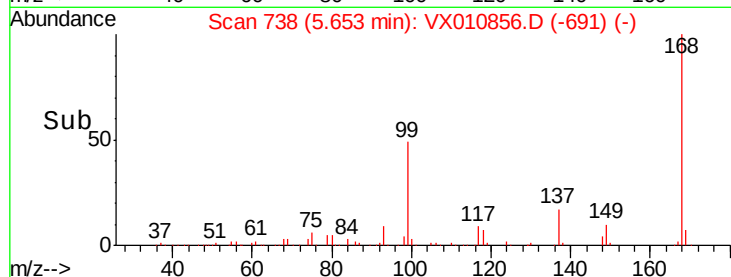
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.288 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010856.D

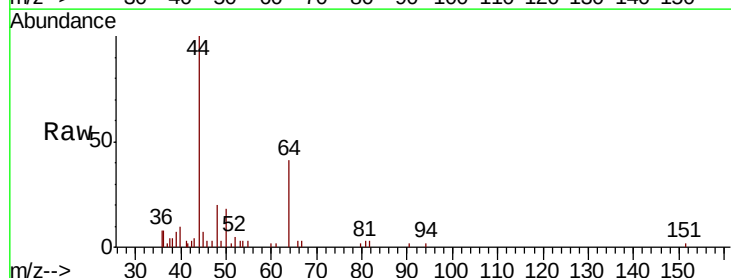
Acq: 12 Jul 2019 23:26

Tgt Ion: 50 Resp: 486

Ion Ratio Lower Upper

50 100

52 37.9 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

500

400

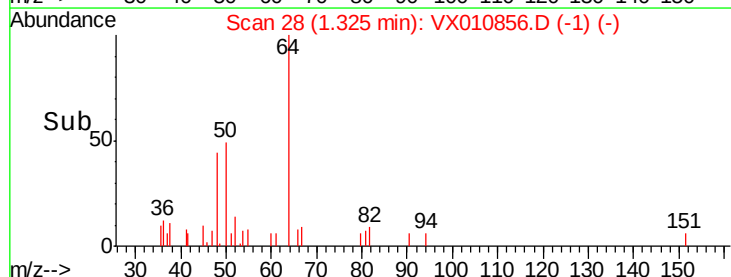
300

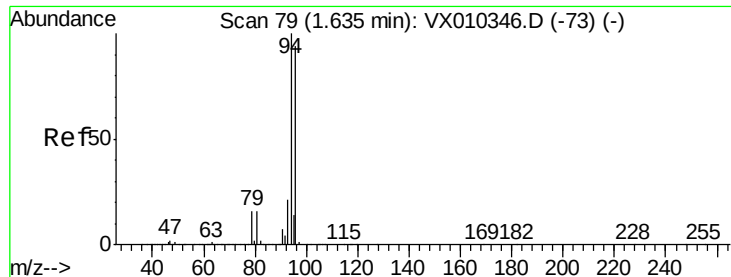
200

100

0

Time--> 1.30 1.32 1.34 1.36





#5

Bromomethane

Concen: 0.971 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010856.D

Acq: 12 Jul 2019 23:26

Instrument :

MSVOA_X

ClientSampleId :

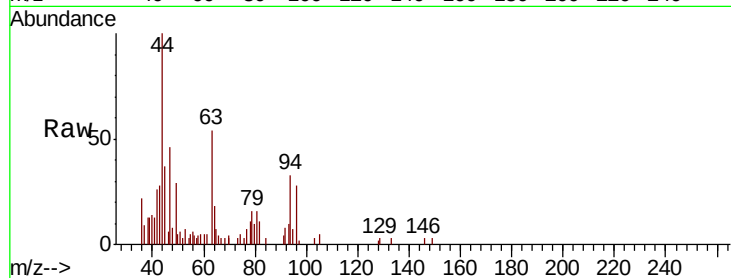
PX-3 070919ME

Tot Ion: 94 Resp: 874

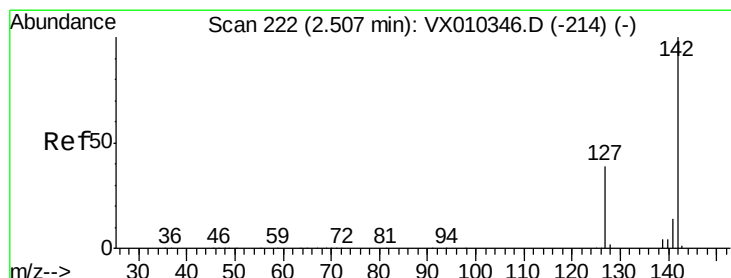
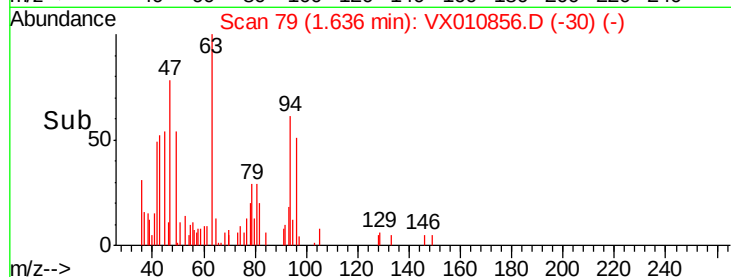
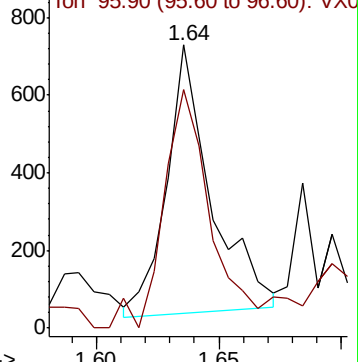
Ion Ratio Lower Upper

94 100

96 79.9 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX010346.D (-73) (-)



#10

Methyl Iodide

Concen: 0.647 ug/l

RT: 2.48 min Scan# 217

Delta R.T. -0.03 min

Lab File: VX010856.D

Acq: 12 Jul 2019 23:26

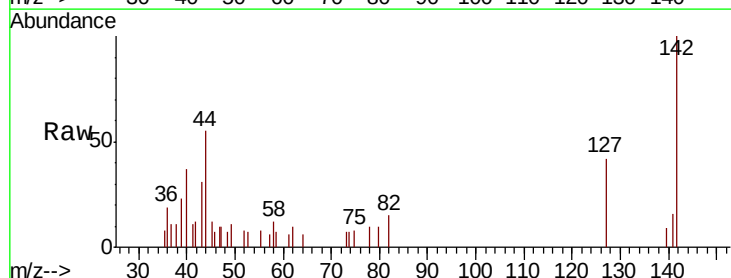
Tgt Ion: 142 Resp: 1639

Ion Ratio Lower Upper

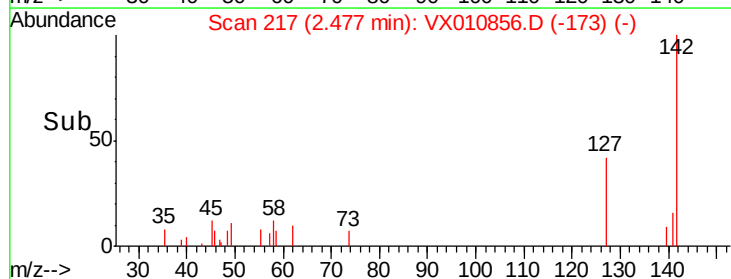
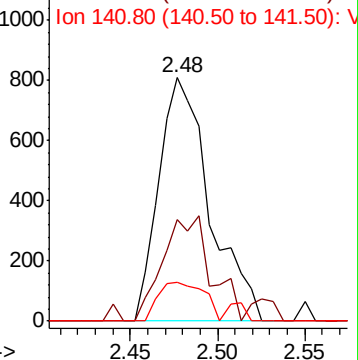
142 100

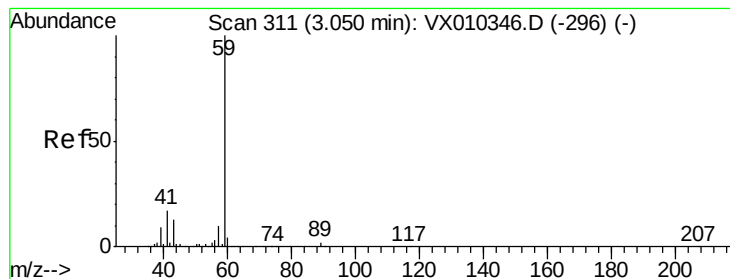
127 40.7 31.1 46.7

141 14.4 11.2 16.8



Abundance Ion 141.80 (141.50 to 142.50): VX010346.D (-214) (-)





#11

Tert butyl alcohol

Concen: 4.249 ug/l

RT: 3.01 min Scan# 305

Delta R.T. -0.04 min

Lab File: VX010856.D

Acq: 12 Jul 2019 23:26

Instrument :

MSVOA_X

ClientSampleId :

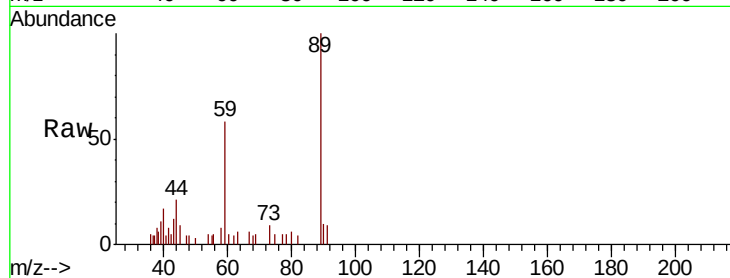
PX-3 070919ME

Tot Ion: 59 Resp: 2172

Ion Ratio Lower Upper

59 100

57 1.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

800

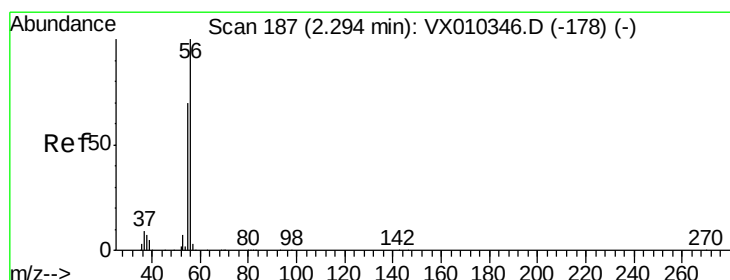
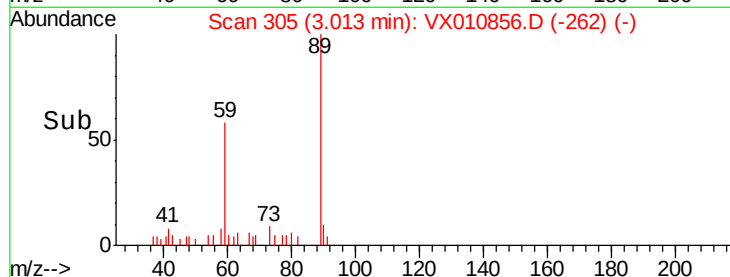
600

400

200

0

Time-->



#13

Acrolein

Concen: 0.867 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX010856.D

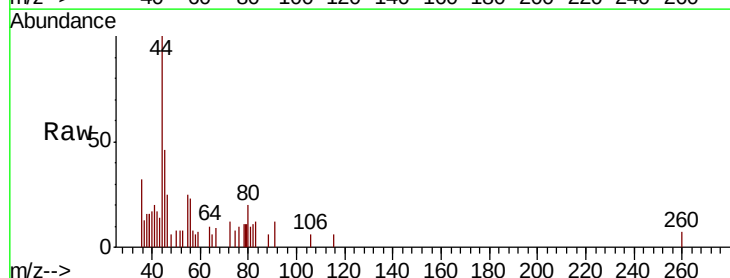
Acq: 12 Jul 2019 23:26

Tgt Ion: 56 Resp: 294

Ion Ratio Lower Upper

56 100

55 103.1 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

250

200

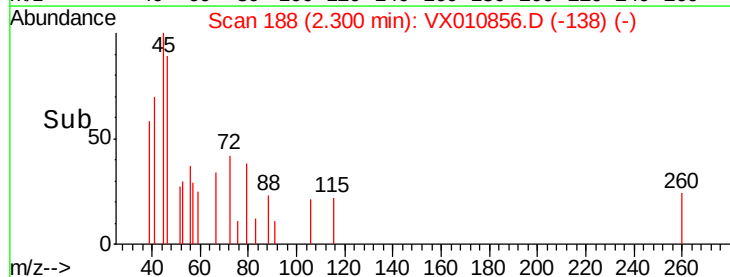
150

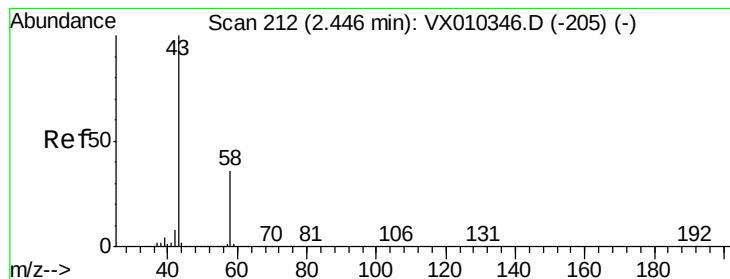
100

50

0

Time-->





#16

Acetone

Concen: 0.363 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX010856.D

Acq: 12 Jul 2019 23:26

Instrument :

MSVOA_X

ClientSampleId :

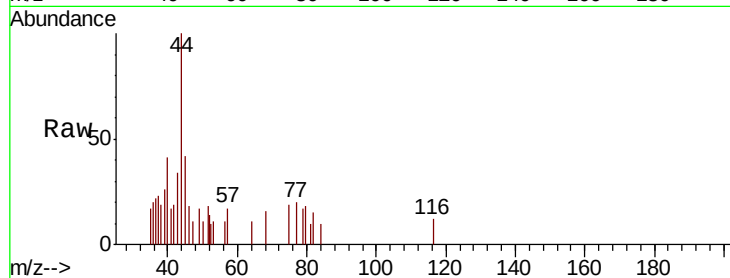
PX-3 070919ME

Tot Ion: 43 Resp: 355

Ion Ratio Lower Upper

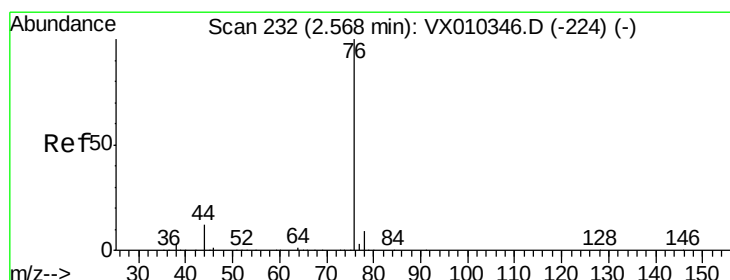
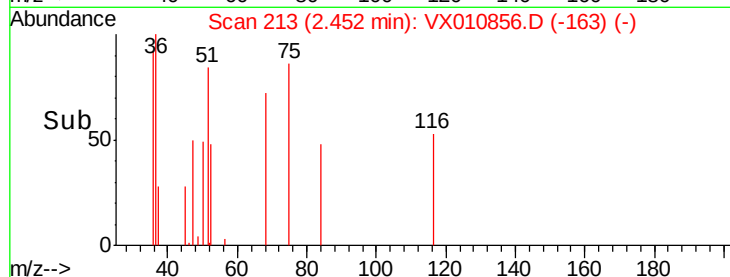
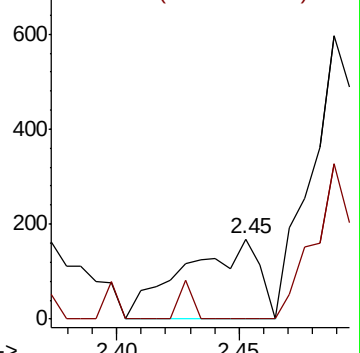
43 100

58 0.0 28.9 43.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.319 ug/l

RT: 2.53 min Scan# 225

Delta R.T. -0.04 min

Lab File: VX010856.D

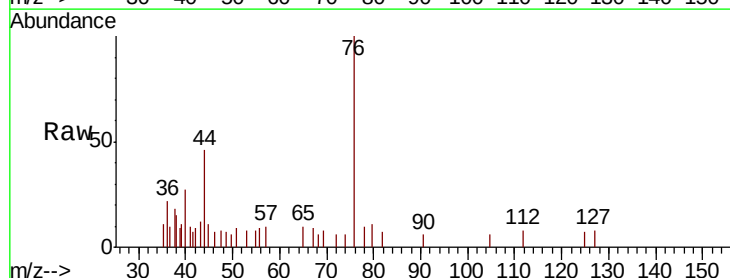
Acq: 12 Jul 2019 23:26

Tgt Ion: 76 Resp: 1545

Ion Ratio Lower Upper

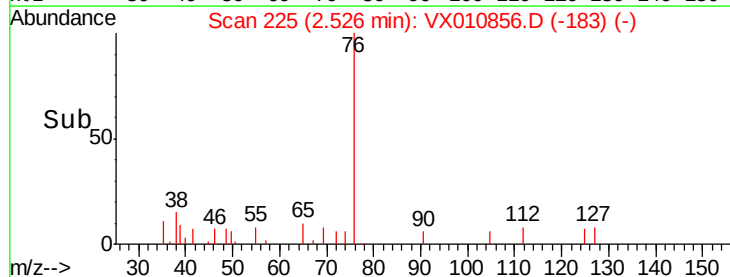
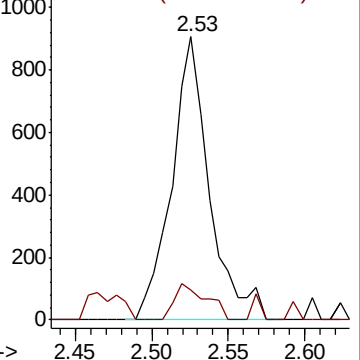
76 100

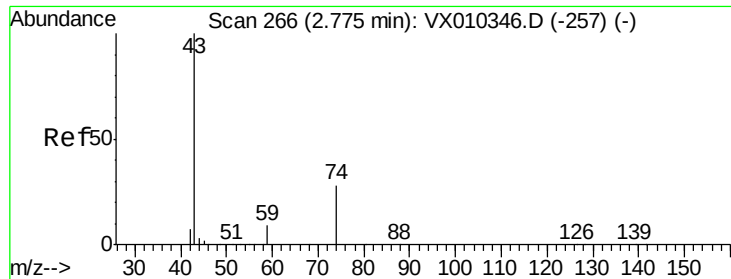
78 10.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

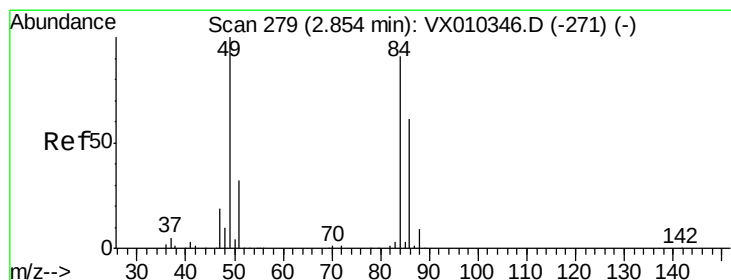
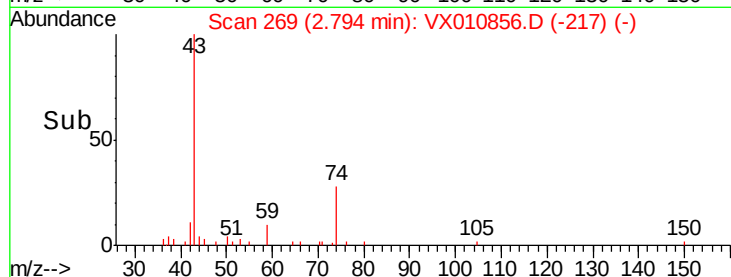
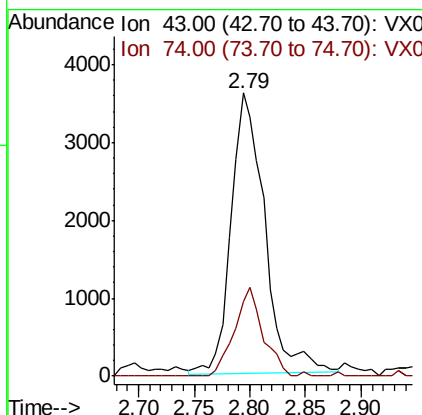
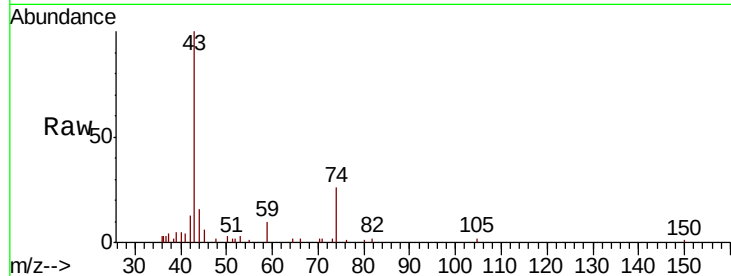




#18
Methvl Acetate
Concen: 3.845 ug/l
RT: 2.79 min Scan# 269
Delta R.T. 0.02 min
Lab File: VX010856.D
Acq: 12 Jul 2019 23:26

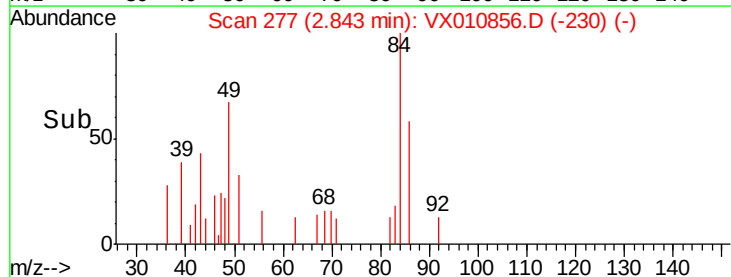
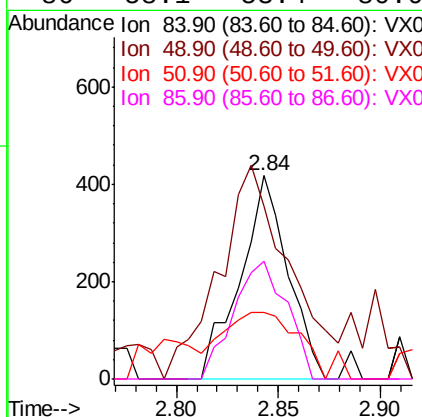
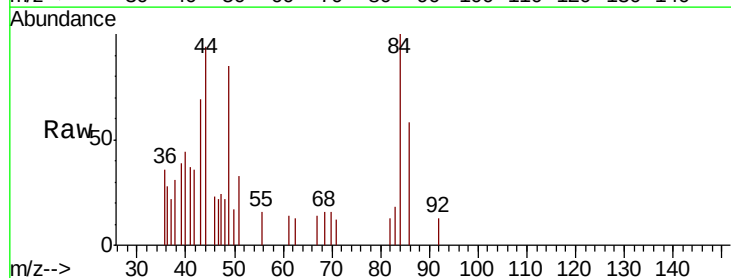
Instrument :
MSVOA_X
ClientSampleId :
PX-3_070919ME

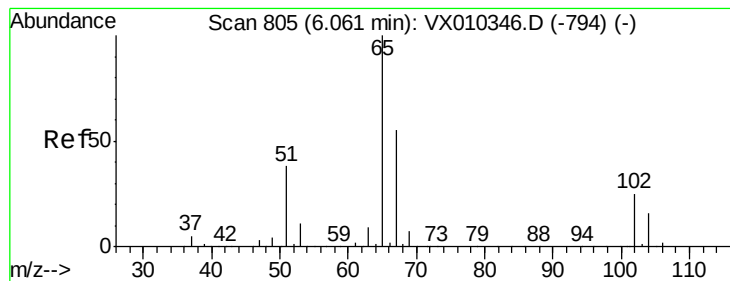
Tot Ion: 43 Resp: 7503
Ion Ratio Lower Upper
43 100
74 27.0 21.3 31.9



#20
Methylene Chloride
Concen: 0.338 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.01 min
Lab File: VX010856.D
Acq: 12 Jul 2019 23:26

Tgt Ion: 84 Resp: 682
Ion Ratio Lower Upper
84 100
49 67.2 87.5 131.3#
51 18.9 27.7 41.5#
86 58.1 53.4 80.0





#33

1,2-Dichloroethane-d4

Concen: 53.989 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010856.D

Acq: 12 Jul 2019 23:26

Instrument :

MSVOA_X

ClientSampleId :

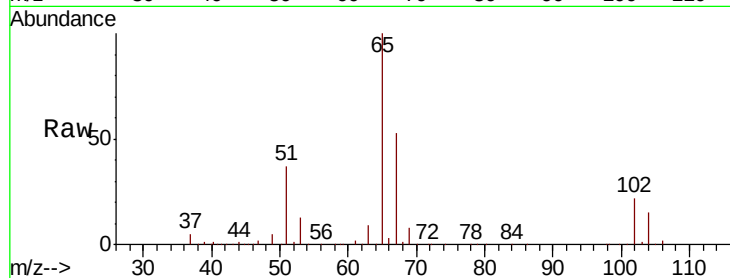
PX-3 070919ME

Tot Ion: 65 Resp: 105466

Ion Ratio Lower Upper

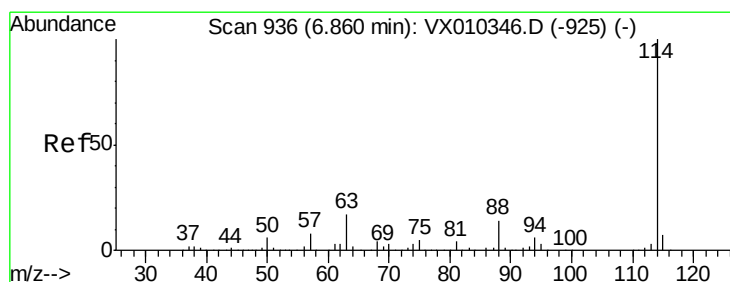
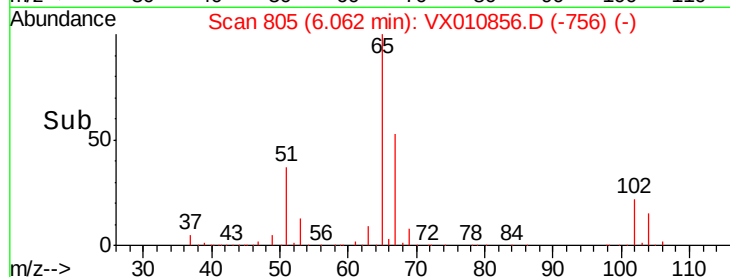
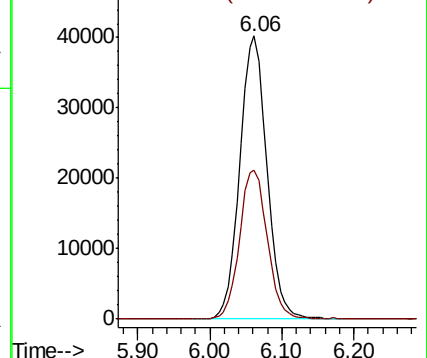
65 100

67 53.7 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010856.D

Acq: 12 Jul 2019 23:26

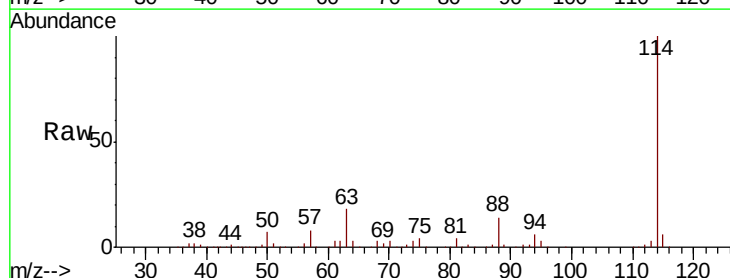
Tgt Ion: 114 Resp: 325894

Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.8

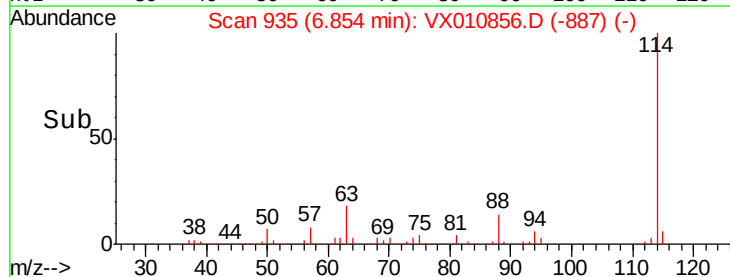
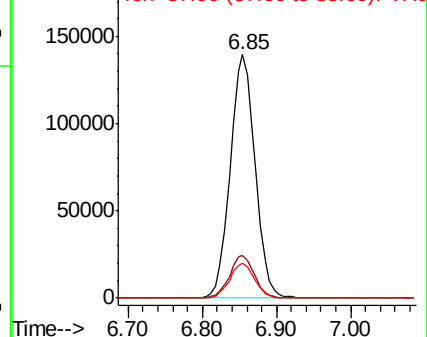
88 14.2 0.0 27.6

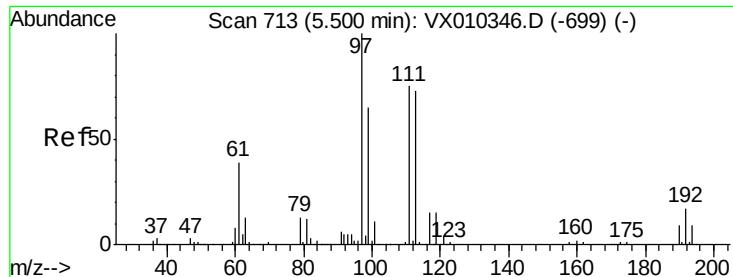


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.375 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010856.D

Acq: 12 Jul 2019 23:26

Instrument :

MSVOA_X

ClientSampleId :

PX-3 070919ME

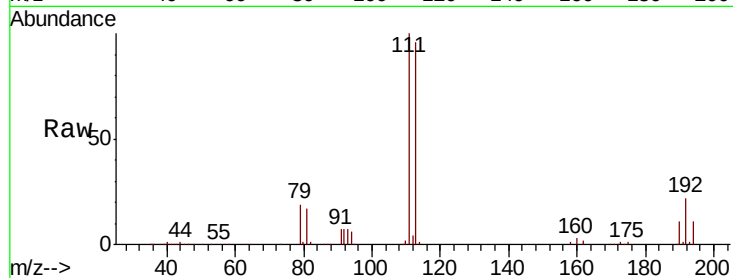
Tot Ion:113 Resp: 94462

Ion Ratio Lower Upper

113 100

111 101.2 81.2 121.8

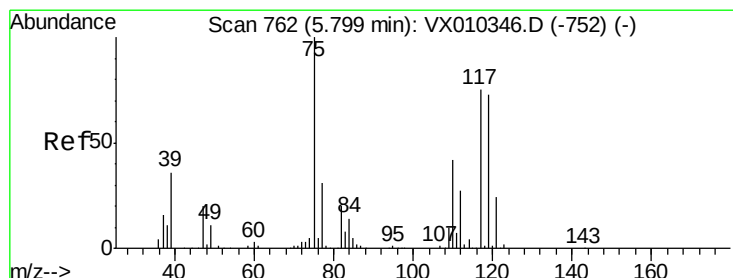
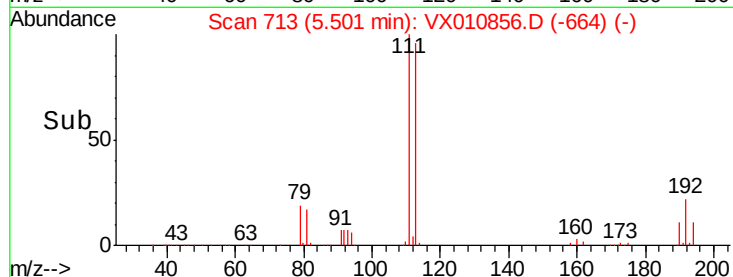
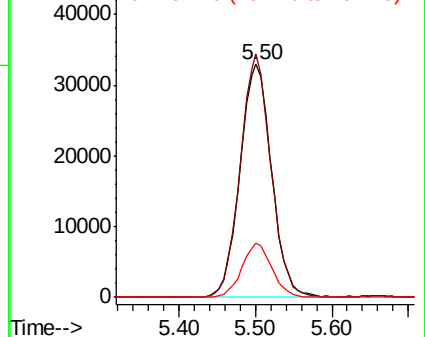
192 22.1 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.214 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.15 min

Lab File: VX010856.D

Acq: 12 Jul 2019 23:26

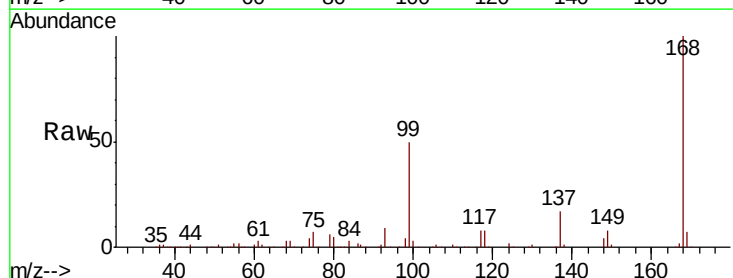
Tgt Ion: 75 Resp: 13502

Ion Ratio Lower Upper

75 100

110 10.1 20.8 62.2#

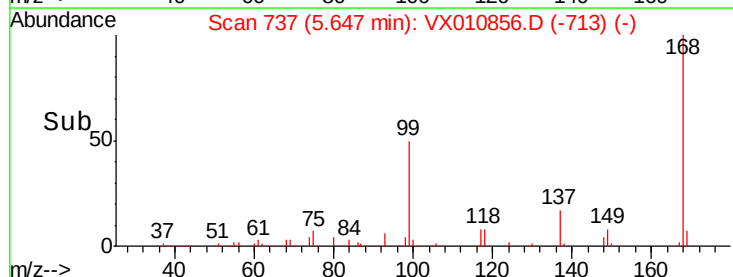
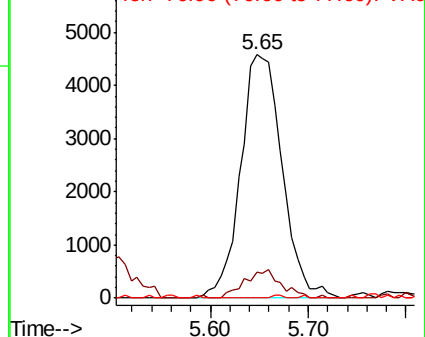
77 0.3 25.4 38.0#

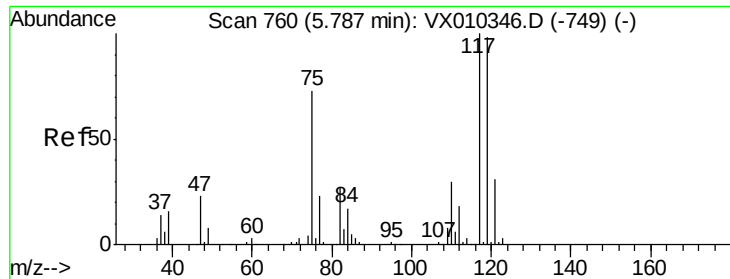


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.525 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX010856.D

Acq: 12 Jul 2019 23:26

Instrument :

MSVOA_X

ClientSampleId :

PX-3 070919ME

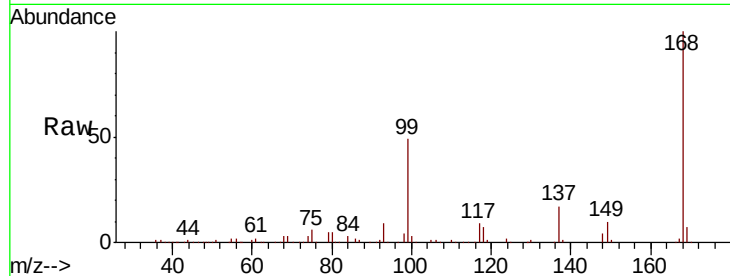
Tot Ion:117 Resp: 18298

Ion Ratio Lower Upper

117 100

119 6.2 78.2 117.4#

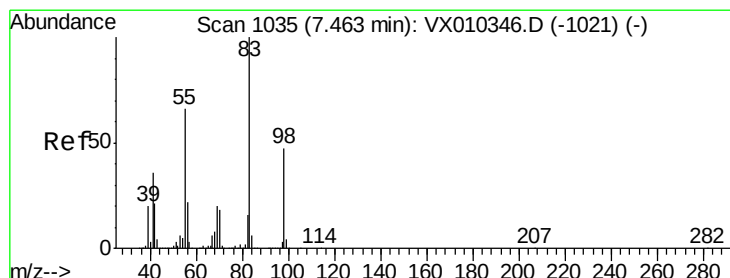
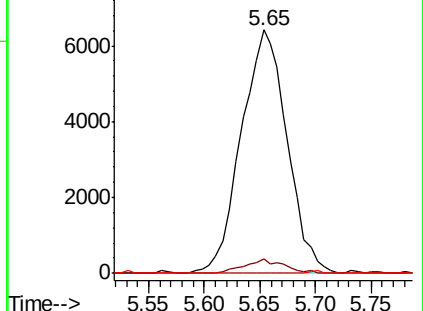
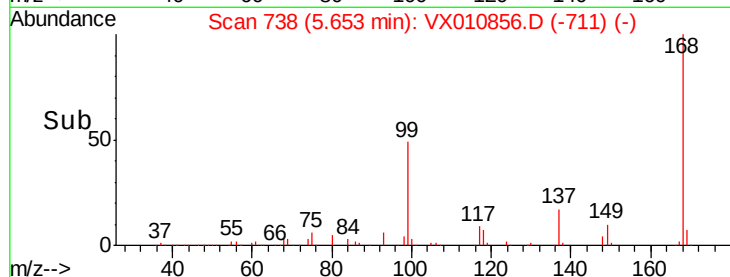
121 0.0 24.7 37.1#



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



#39

Methylcyclohexane

Concen: 0.409 ug/l

RT: 7.45 min Scan# 1032

Delta R.T. -0.02 min

Lab File: VX010856.D

Acq: 12 Jul 2019 23:26

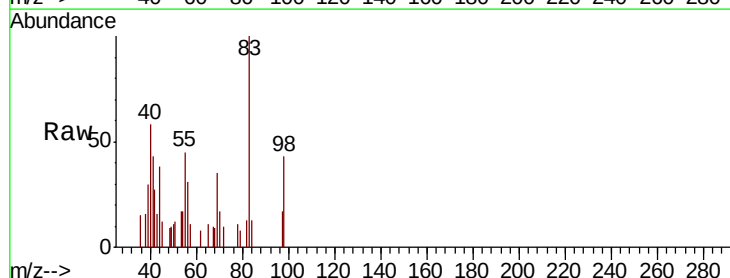
Tgt Ion: 83 Resp: 1392

Ion Ratio Lower Upper

83 100

55 44.7 53.0 79.6#

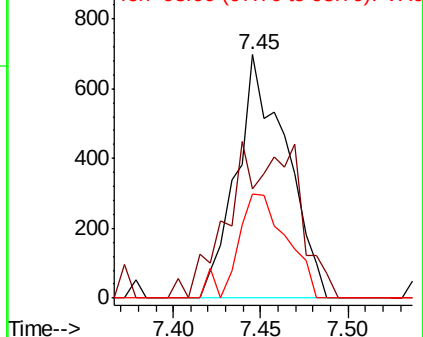
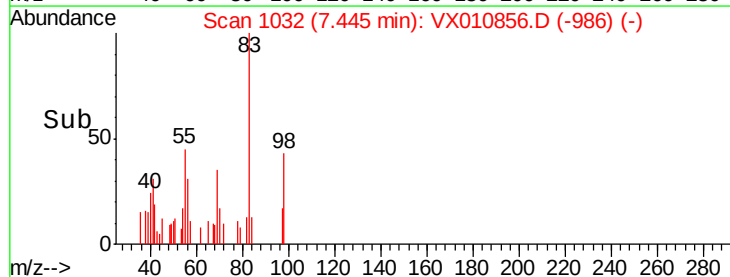
98 43.0 37.8 56.8

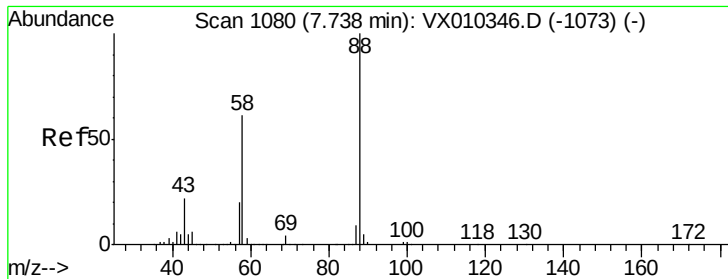


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

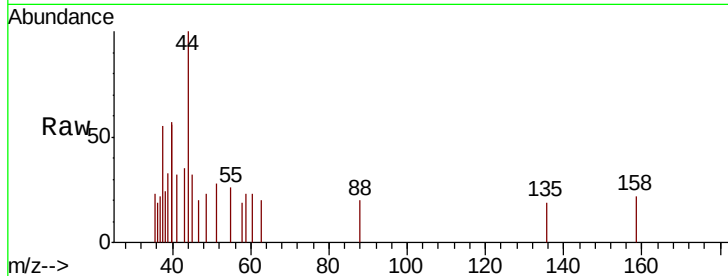




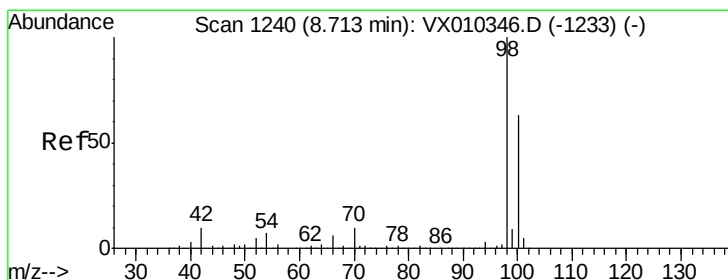
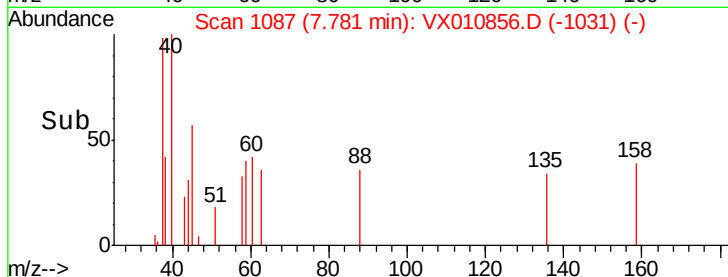
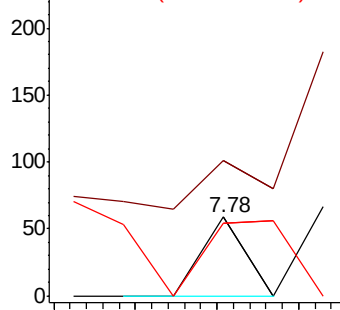
#49
1,4-Dioxane
Concen: 0.373 ug/l
RT: 7.78 min Scan# 1087
Delta R.T. 0.04 min
Lab File: VX010856.D
Acq: 12 Jul 2019 23:26

Instrument :
MSVOA_X
ClientSampleId :
PX-3_070919ME

Tot Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 686.4 20.2 30.2#
58 181.8 49.5 74.3#

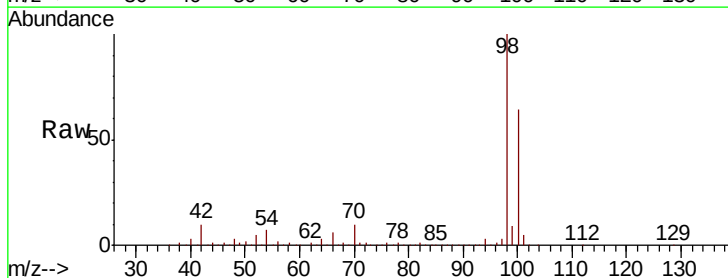


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

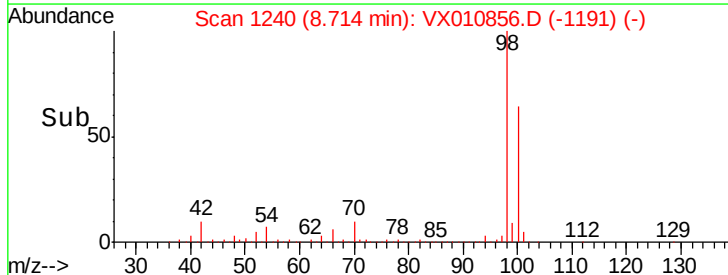
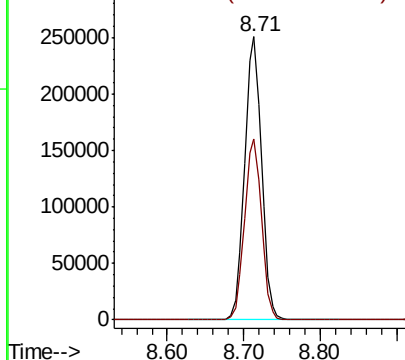


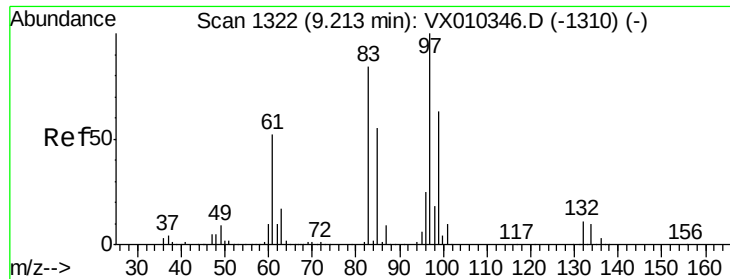
#50
Toluene-d8
Concen: 50.434 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010856.D
Acq: 12 Jul 2019 23:26

Tgt Ion: 98 Resp: 384729
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

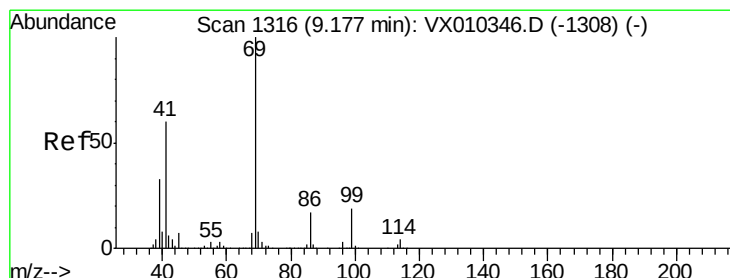
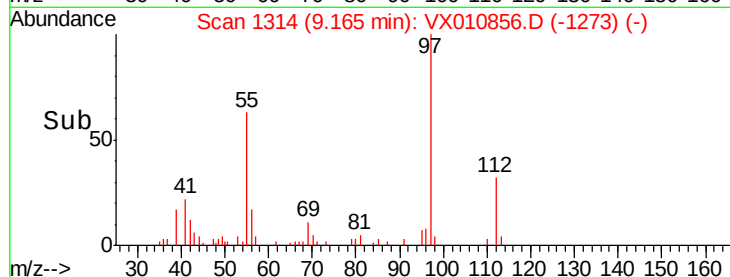
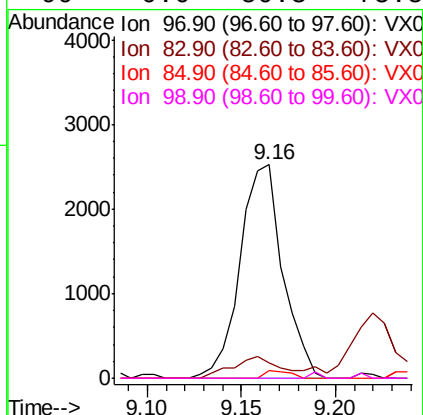
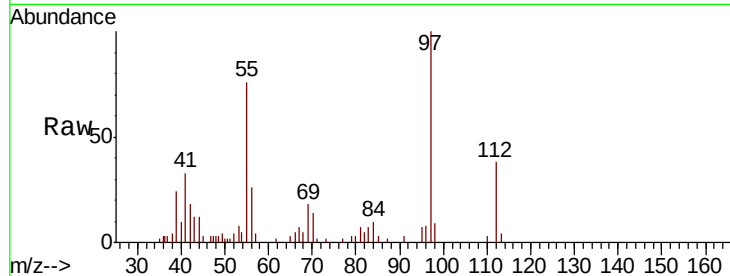




#55
 1,1,2-Trichloroethane
 Concen: 1.814 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX010856.D
 Acq: 12 Jul 2019 23:26

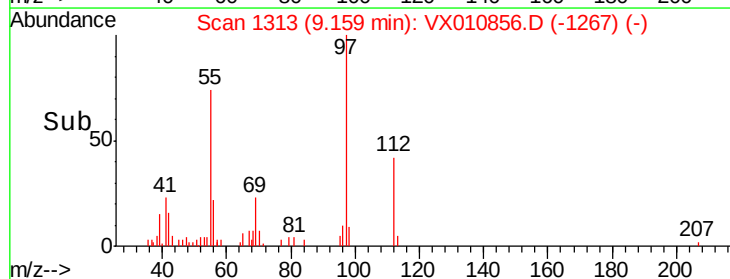
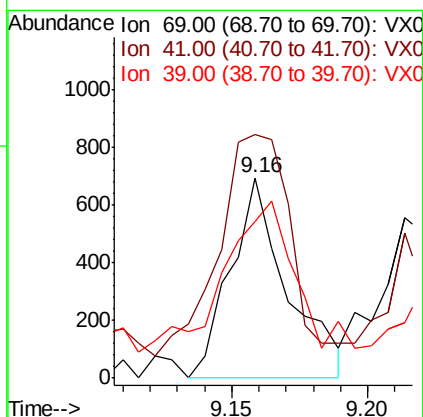
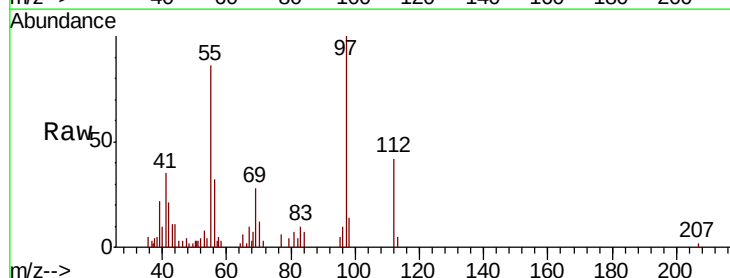
Instrument :
 MSVOA_X
 ClientSampleId :
 PX-3_070919ME

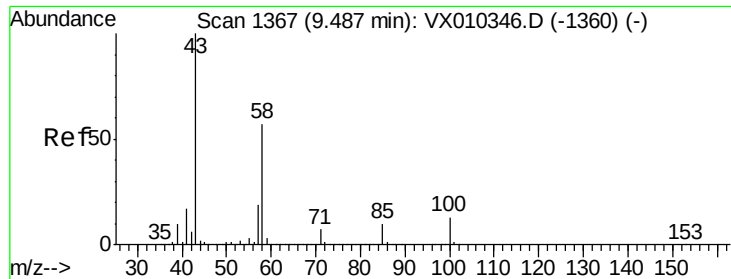
Tot Ion	Ratio	Lower	Upper
97	100		
83	7.4	67.4	101.0#
85	3.4	43.8	65.8#
99	0.0	50.3	75.5#



#56
 Ethyl methacrylate
 Concen: 0.303 ug/l
 RT: 9.16 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: VX010856.D
 Acq: 12 Jul 2019 23:26

Tgt Ion	Ratio	Lower	Upper
69	100		
41	139.6	47.1	70.7#
39	93.2	26.6	40.0#





#59

2-Hexanone

Concen: 6.272 ug/l

RT: 9.44 min Scan# 1359

Delta R.T. -0.05 min

Lab File: VX010856.D

Acq: 12 Jul 2019 23:26

Instrument :

MSVOA_X

ClientSampled :

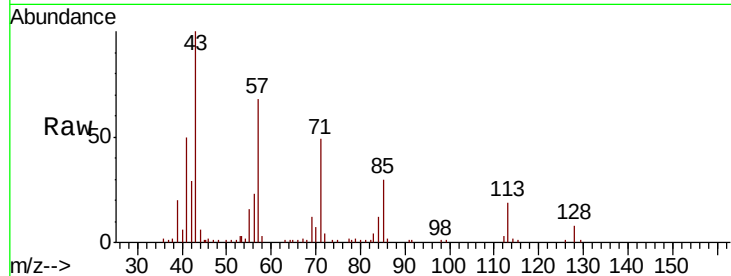
PX-3 070919ME

Tot Ion: 43 Resp: 13916

Ion Ratio Lower Upper

43 100

58 3.9 29.0 87.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.44

10000

8000

6000

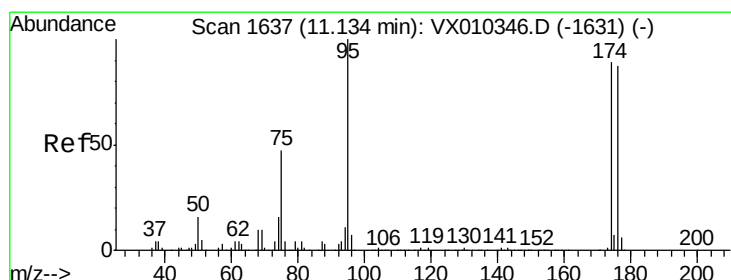
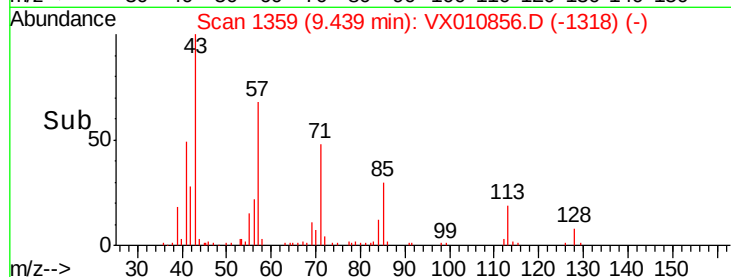
4000

2000

0

9.35 9.40 9.45 9.50

Time-->



#62

4-Bromofluorobenzene

Concen: 51.708 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX010856.D

Acq: 12 Jul 2019 23:26

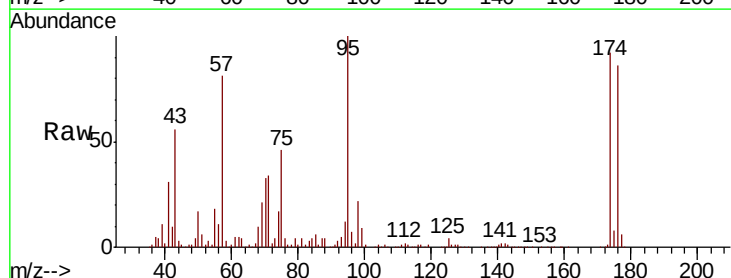
Tgt Ion: 95 Resp: 142407

Ion Ratio Lower Upper

95 100

174 90.7 0.0 187.6

176 86.9 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

150000

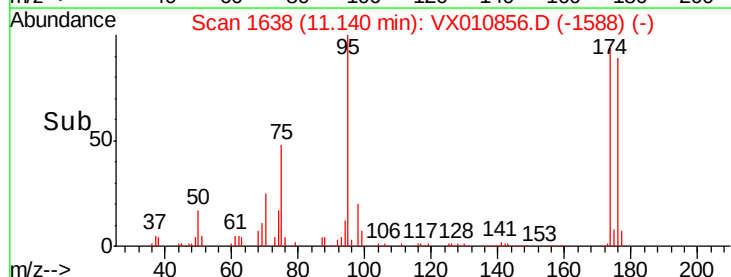
100000

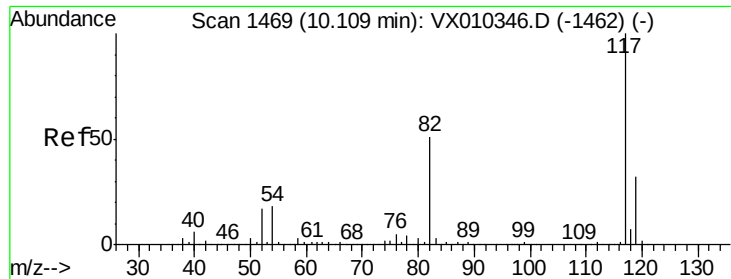
50000

0

11.05 11.10 11.15

Time-->

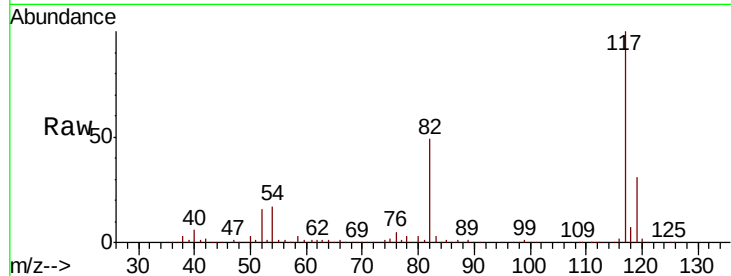




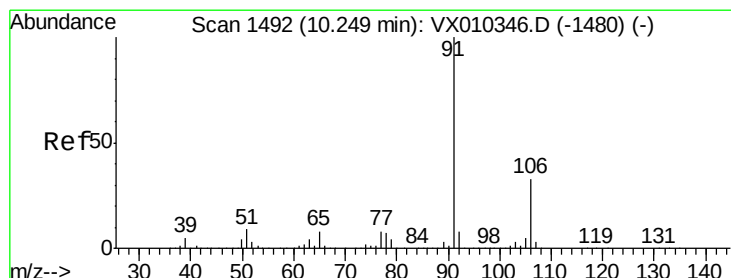
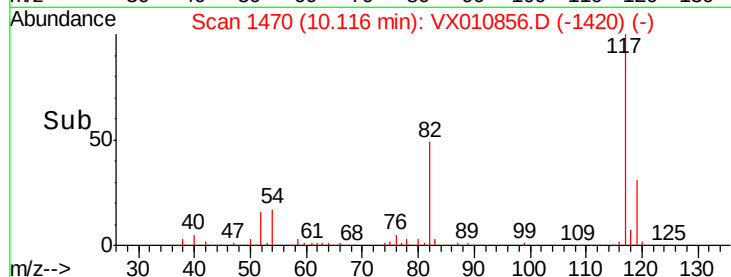
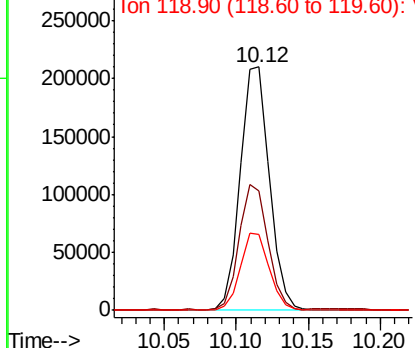
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX010856.D
Acq: 12 Jul 2019 23:26

Instrument :
MSVOA_X
ClientSampleId :
PX-3_070919ME

Tot Ion:117 Resp: 294887
Ion Ratio Lower Upper
117 100
82 48.7 41.2 61.8
119 31.3 25.5 38.3

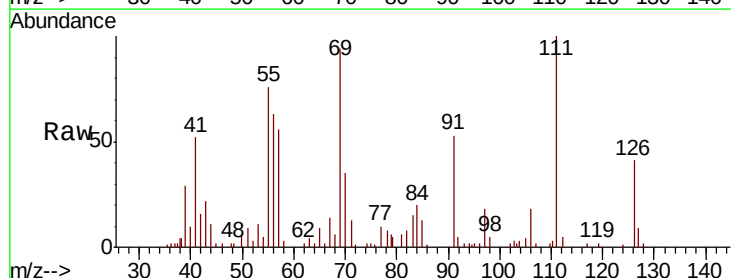


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

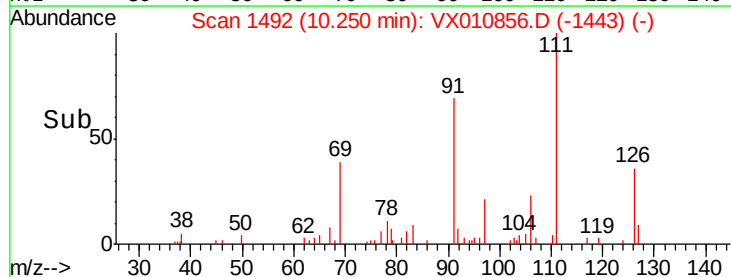
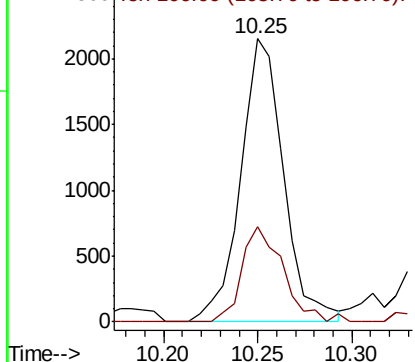


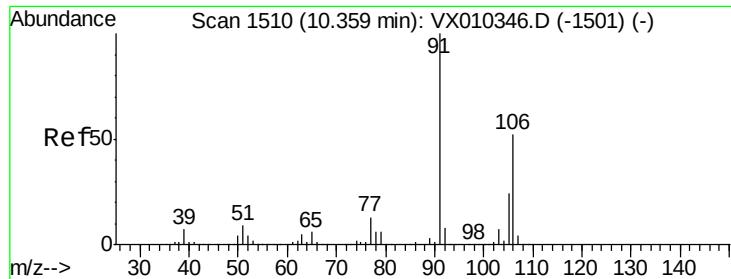
#67
Ethyl Benzene
Concen: 0.337 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010856.D
Acq: 12 Jul 2019 23:26

Tgt Ion: 91 Resp: 3409
Ion Ratio Lower Upper
91 100
106 33.8 26.2 39.2



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





#68

m/p-Xylenes

Concen: 1.295 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010856.D

Acq: 12 Jul 2019 23:26

Instrument :

MSVOA_X

ClientSampleId :

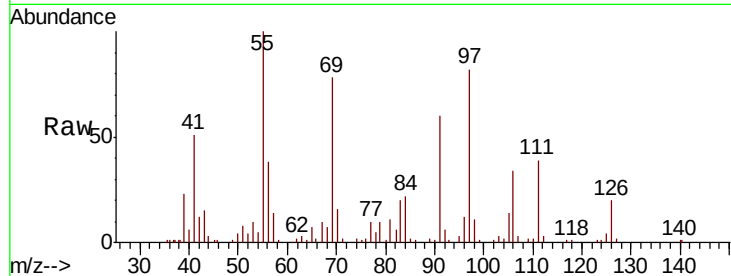
PX-3 070919ME

Tot Ion:106 Resp: 5070

Ion Ratio Lower Upper

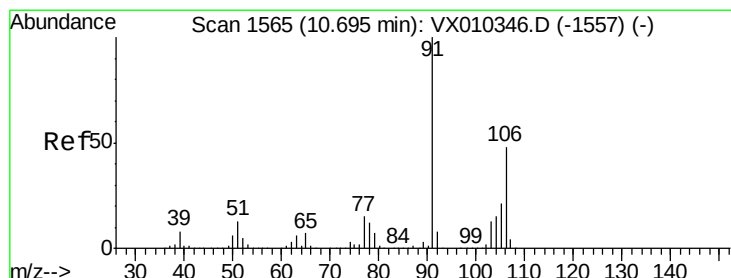
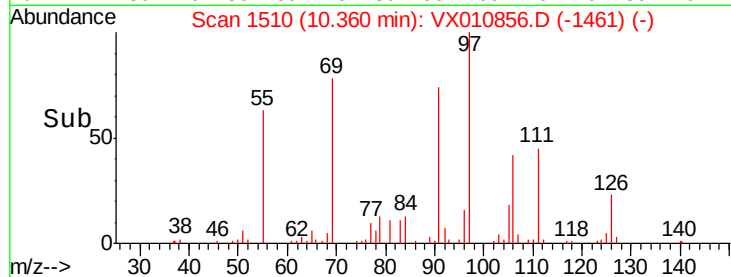
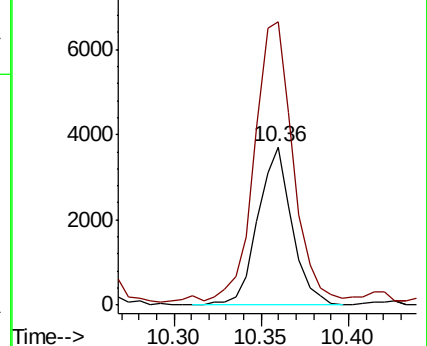
106 100

91 210.0 155.3 232.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 2.314 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.01 min

Lab File: VX010856.D

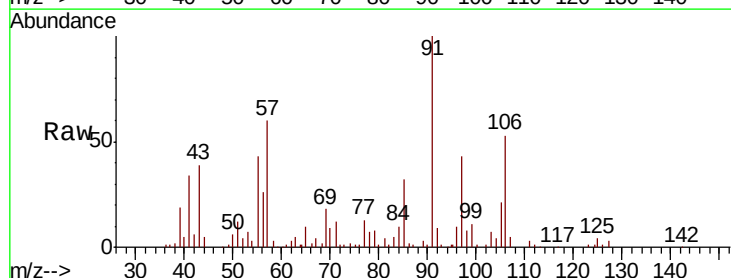
Acq: 12 Jul 2019 23:26

Tgt Ion:106 Resp: 8911

Ion Ratio Lower Upper

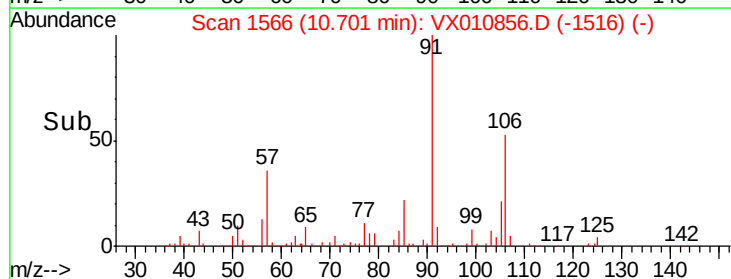
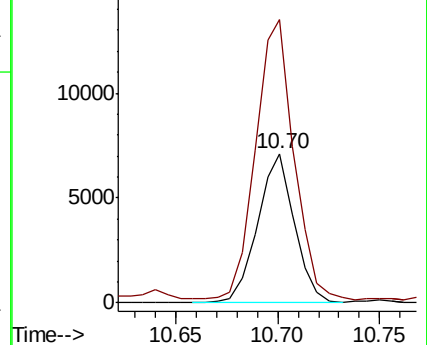
106 100

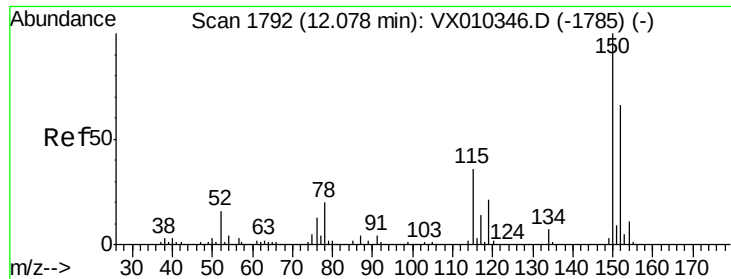
91 196.1 102.7 308.1



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: VX010856.D

Acq: 12 Jul 2019 23:26

Instrument :

MSVOA_X

ClientSampleId :

PX-3 070919ME

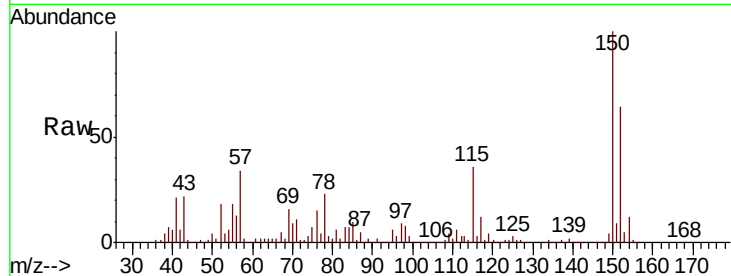
Tot Ion:152 Resp: 158632

Ion Ratio Lower Upper

152 100

115 57.9 38.6 115.7

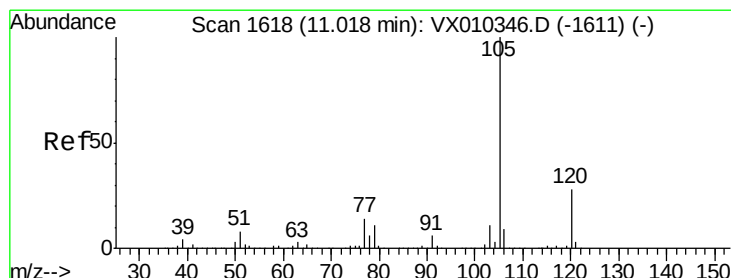
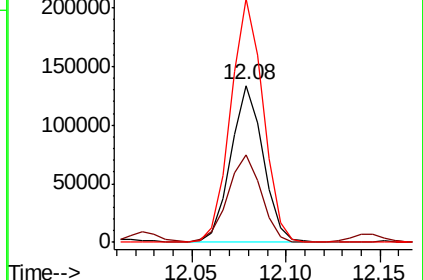
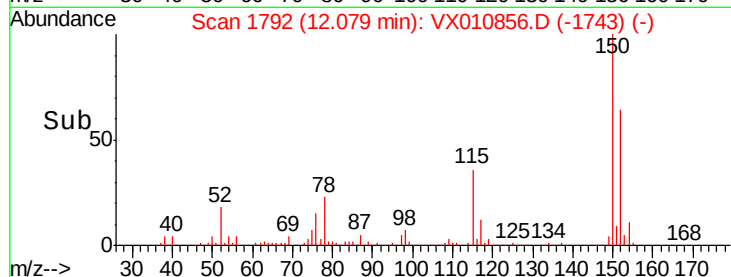
150 156.1 0.0 347.4



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: 0.415 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010856.D

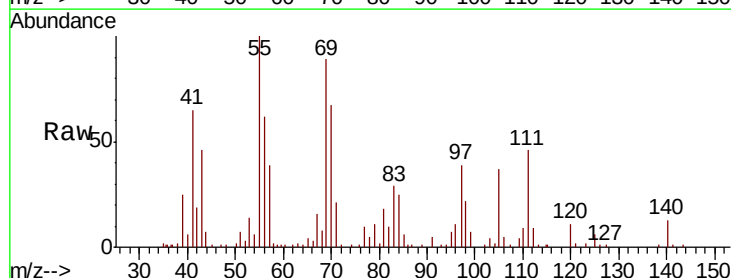
Acq: 12 Jul 2019 23:26

Tgt Ion:105 Resp: 4460

Ion Ratio Lower Upper

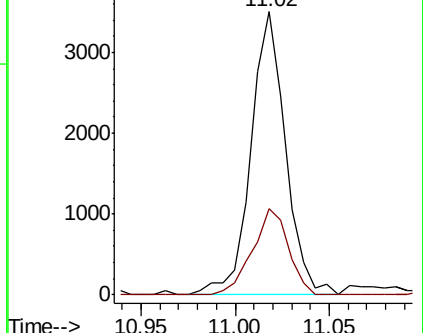
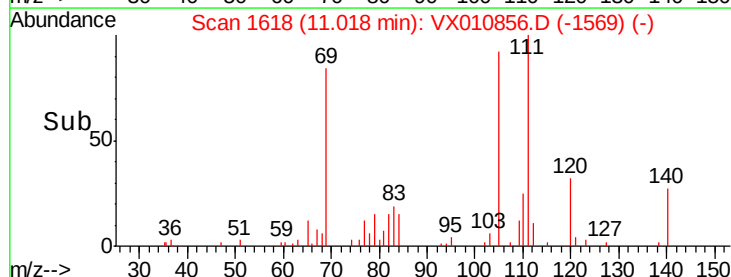
105 100

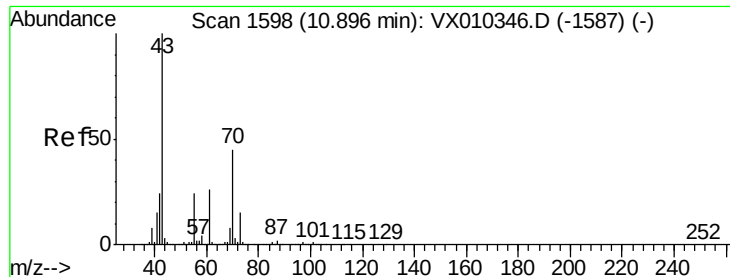
120 31.6 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 11.549 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX010856.D

Acq: 12 Jul 2019 23:26

Instrument :

MSVOA_X

ClientSampleId :

PX-3 070919ME

Tot Ion: 43 Resp: 46932

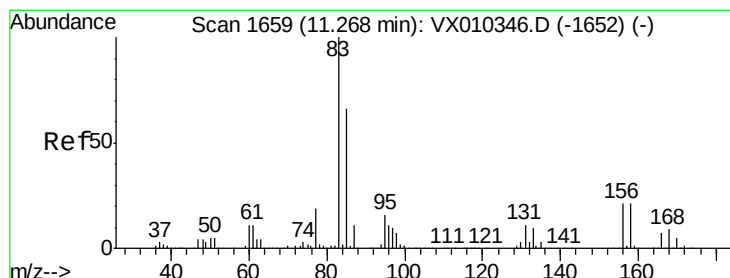
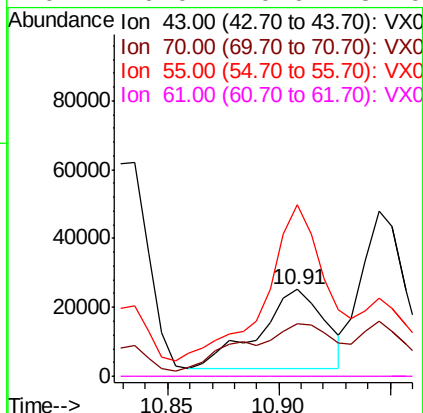
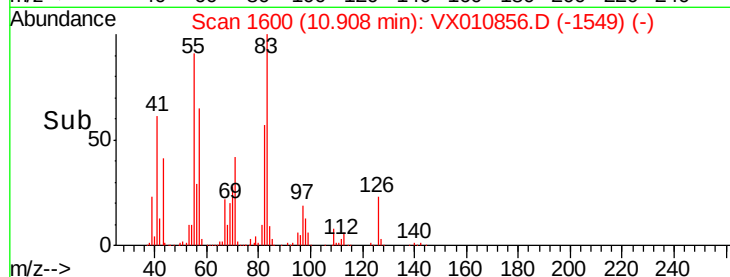
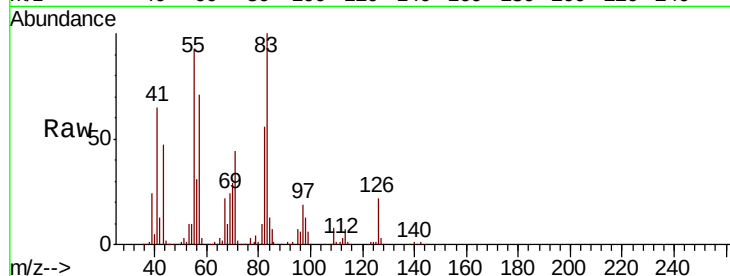
Ion Ratio Lower Upper

43 100

70 86.3 36.6 54.8#

55 180.4 18.7 28.1#

61 0.0 20.6 31.0#



#75

1,1,2,2-Tetrachloroethane

Concen: 11.172 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX010856.D

Acq: 12 Jul 2019 23:26

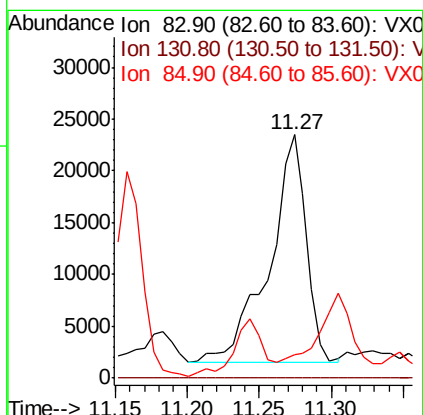
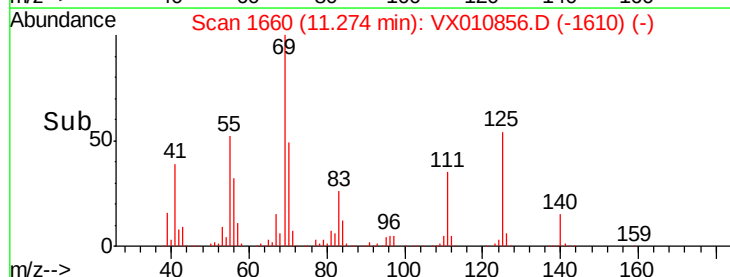
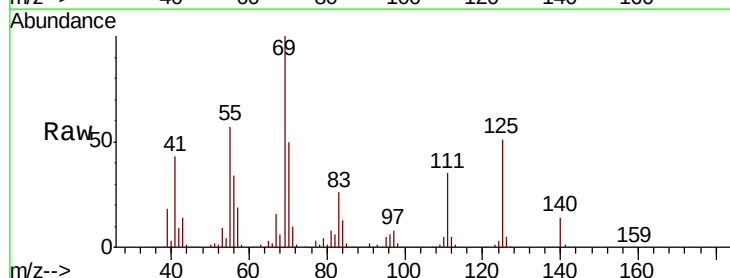
Tgt Ion: 83 Resp: 39786

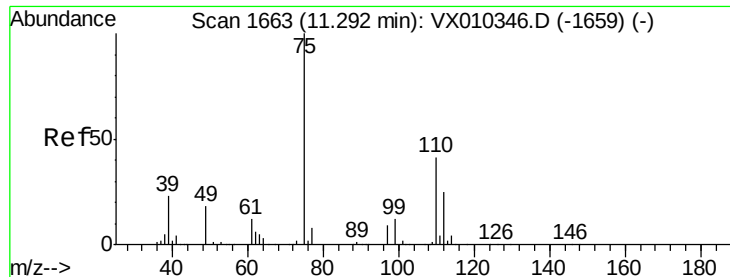
Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

85 0.0 32.3 96.8#





#76

1,2,3-Trichloropropane

Concen: 23.500 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.15 min

Lab File: VX010856.D

Acq: 12 Jul 2019 23:26

Instrument :

MSVOA_X

ClientSampleId :

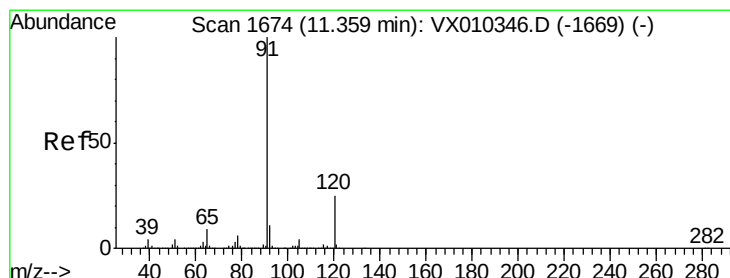
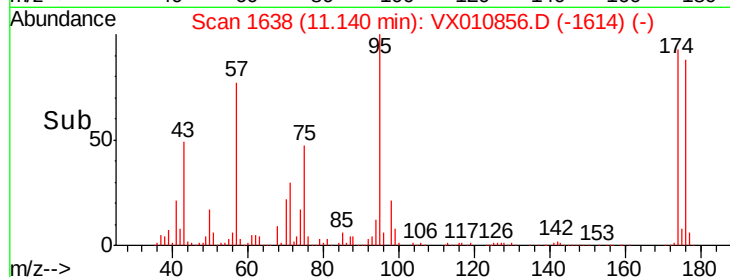
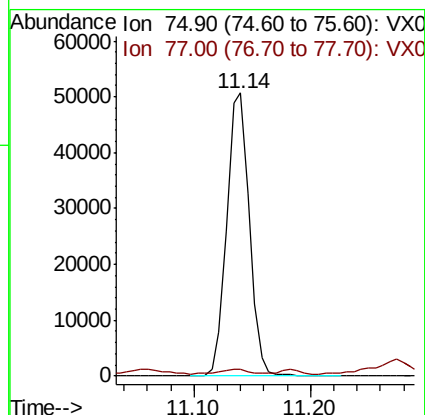
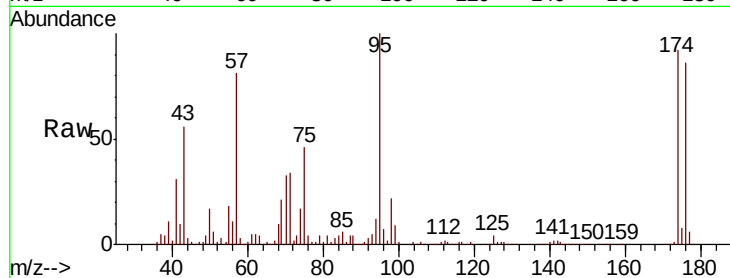
PX-3 070919ME

Tot Ion: 75 Resp: 67931

Ion Ratio Lower Upper

75 100

77 2.0 22.6 67.8#



#78

n-propylbenzene

Concen: 0.659 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010856.D

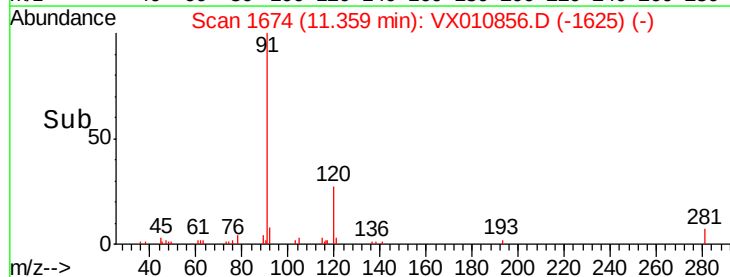
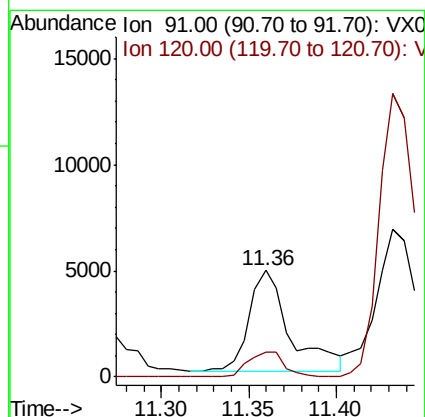
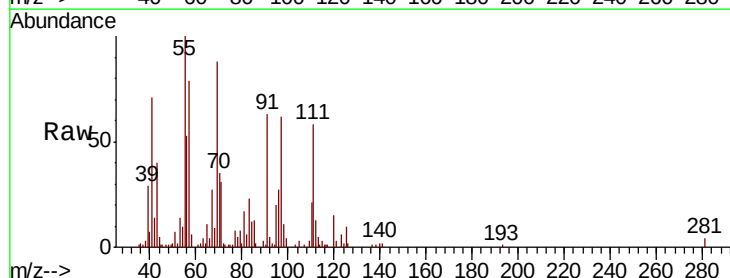
Acq: 12 Jul 2019 23:26

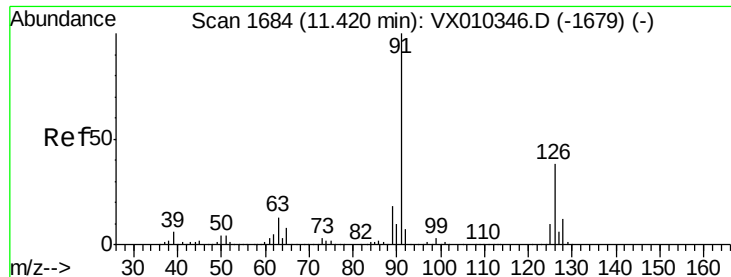
Tgt Ion: 91 Resp: 7786

Ion Ratio Lower Upper

91 100

120 0.0 12.4 37.4#

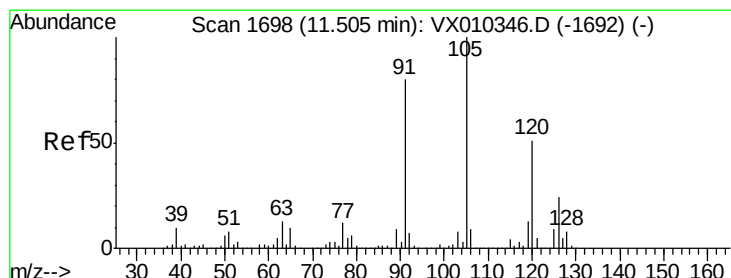
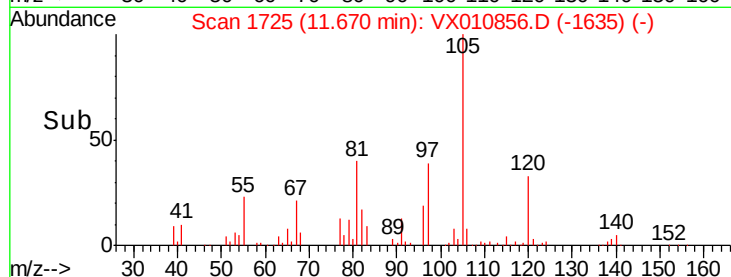
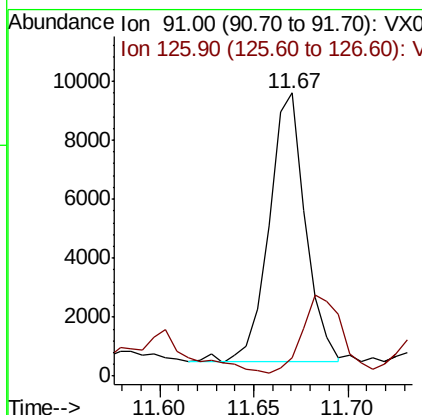
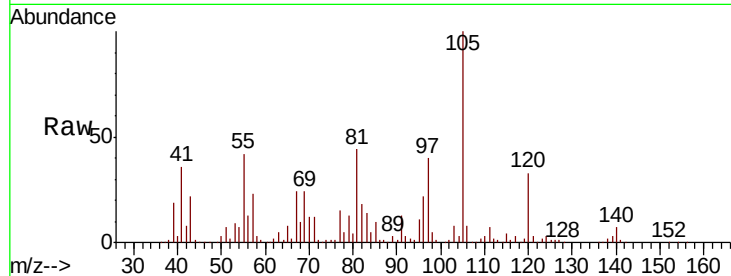




#79
 2-Chlorotoluene
 Concen: 1.722 ug/l
 RT: 11.67 min Scan# 1725
 Delta R.T. 0.25 min
 Lab File: VX010856.D
 Acq: 12 Jul 2019 23:26

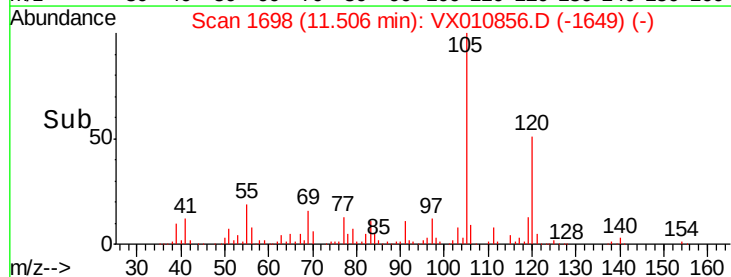
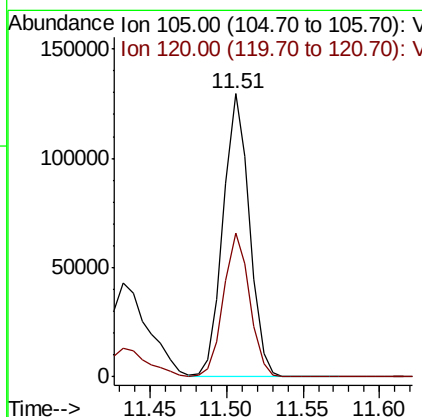
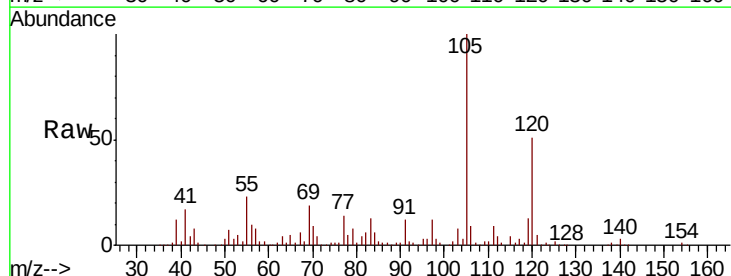
Instrument :
 MSVOA_X
 ClientSampled :
 PX-3 070919ME

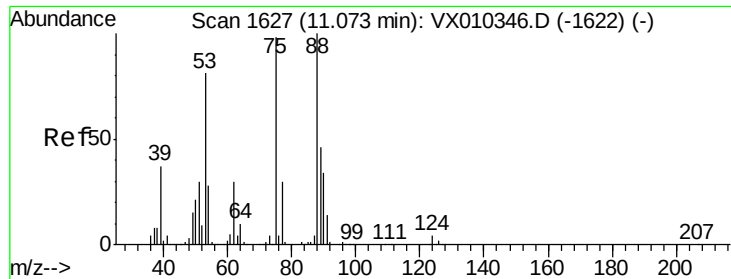
Tot Ion: 91 Resp: 12117
 Ion Ratio Lower Upper
 91 100
 126 27.7 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 17.361 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010856.D
 Acq: 12 Jul 2019 23:26

Tgt Ion: 105 Resp: 153904
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 54.823 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX010856.D

Acq: 12 Jul 2019 23:26

Instrument :

MSVOA_X

ClientSampled :

PX-3 070919ME

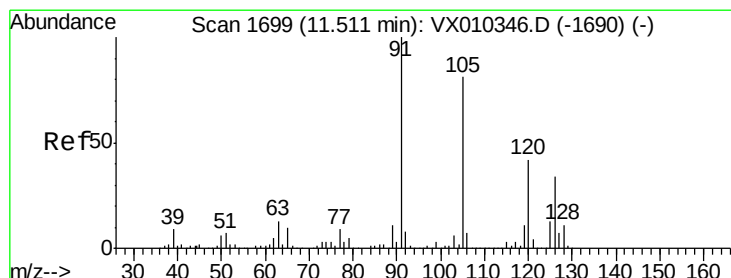
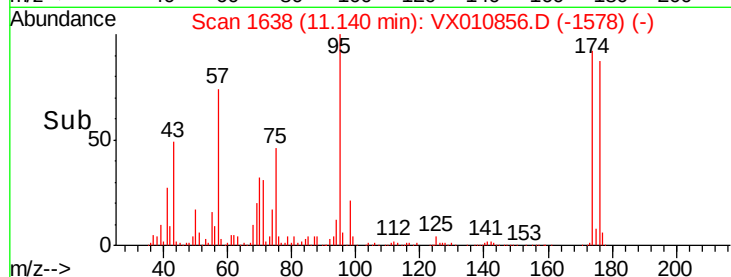
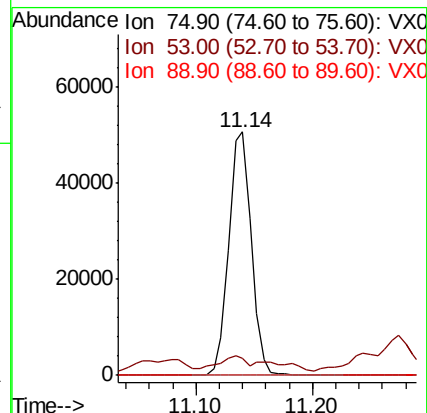
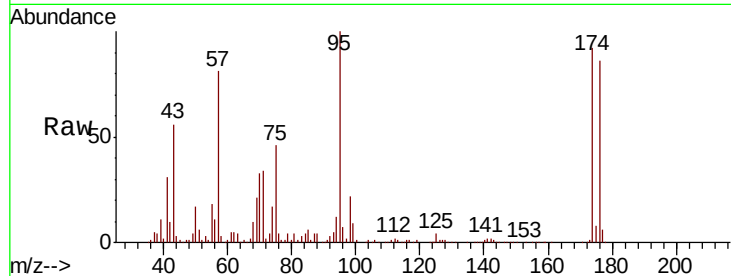
Tot Ion: 75 Resp: 67931

Ion Ratio Lower Upper

75 100

53 5.1 66.1 99.1#

89 0.2 37.8 56.6#



#82

4-Chlorotoluene

Concen: 1.528 ug/l

RT: 11.67 min Scan# 1725

Delta R.T. 0.16 min

Lab File: VX010856.D

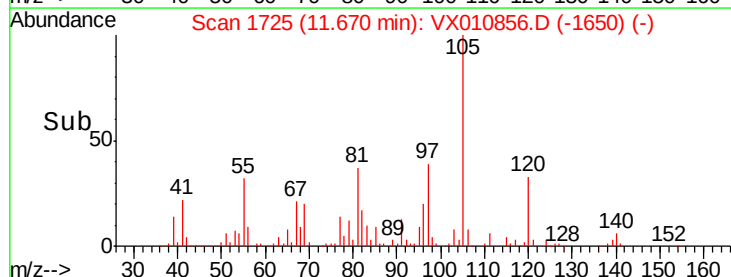
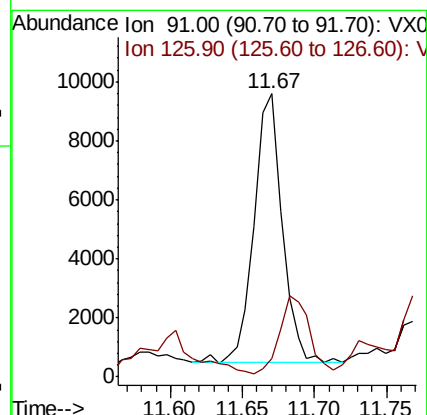
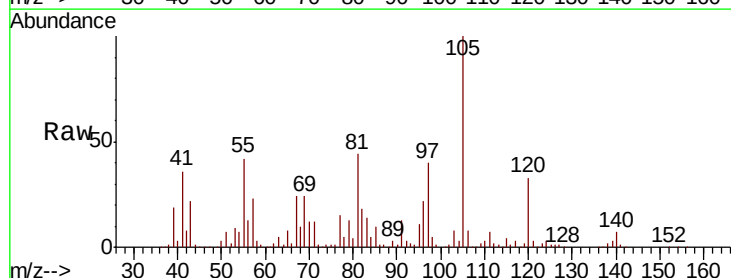
Acq: 12 Jul 2019 23:26

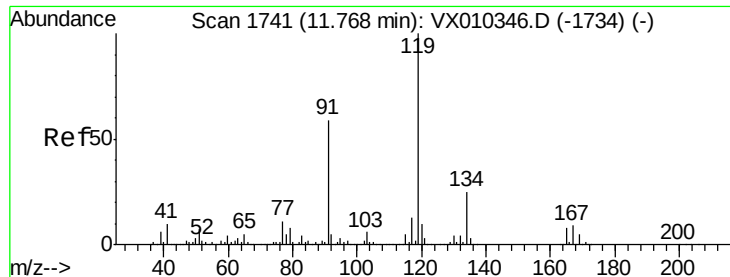
Tgt Ion: 91 Resp: 12240

Ion Ratio Lower Upper

91 100

126 30.7 16.2 48.6

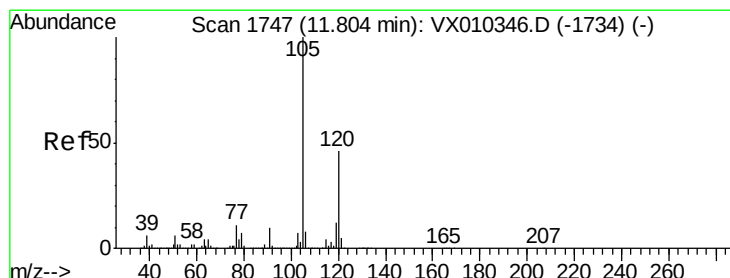
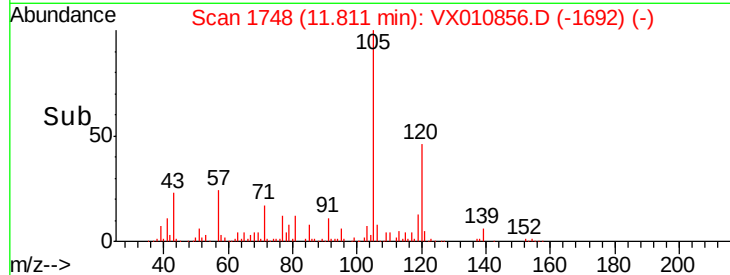
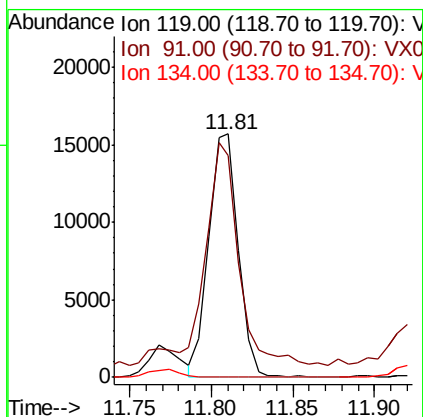
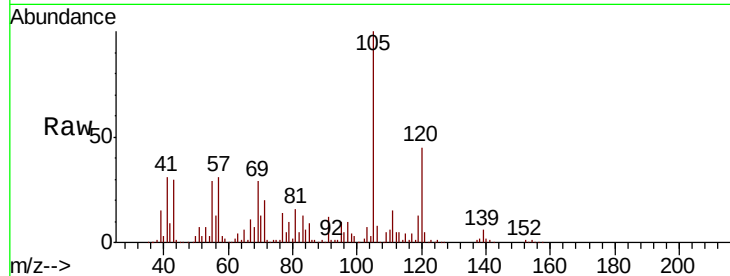




#83
 tert-Butylbenzene
 Concen: 2.231 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.04 min
 Lab File: VX010856.D
 Acq: 12 Jul 2019 23:26

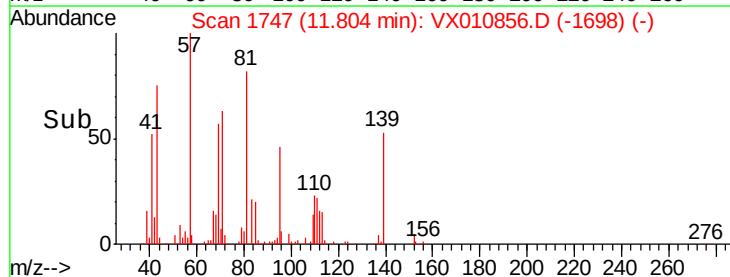
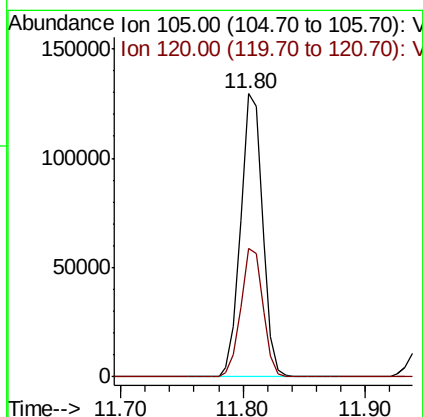
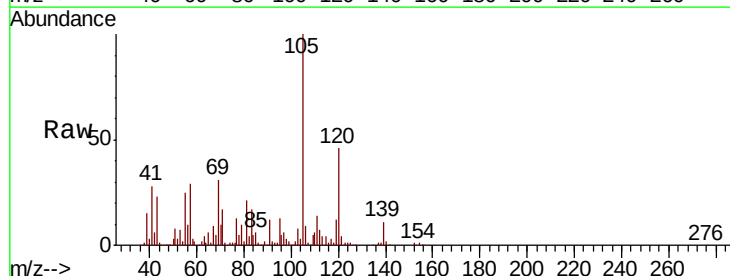
Instrument :
 MSVOA_X
 ClientSampleId :
 PX-3_070919ME

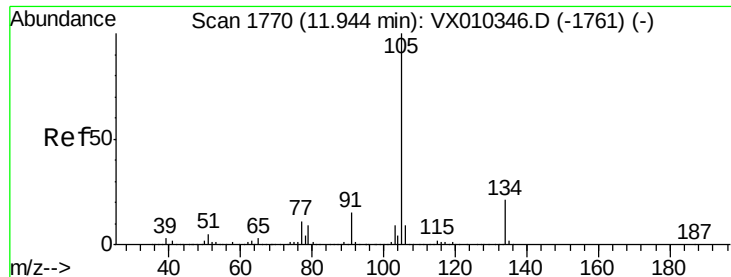
Tot Ion	Ratio	Lower	Upper
119	100		
91	98.2	27.6	82.7#
134	0.0	11.8	35.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 17.969 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010856.D
 Acq: 12 Jul 2019 23:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.1	69.2

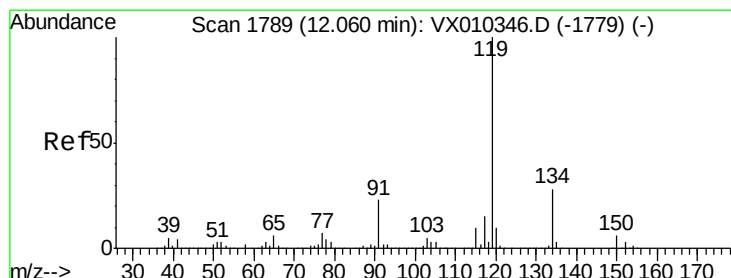
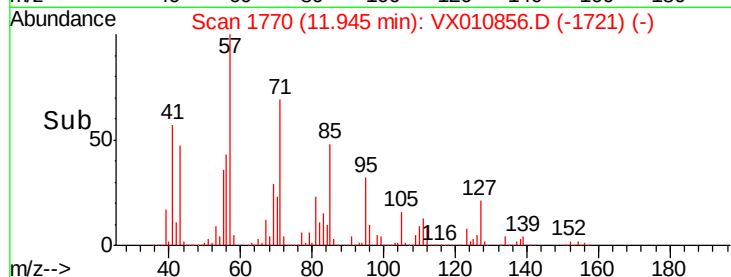
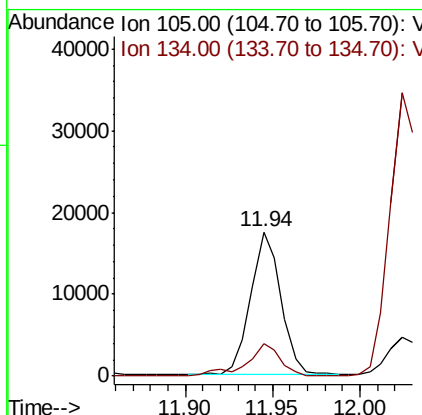
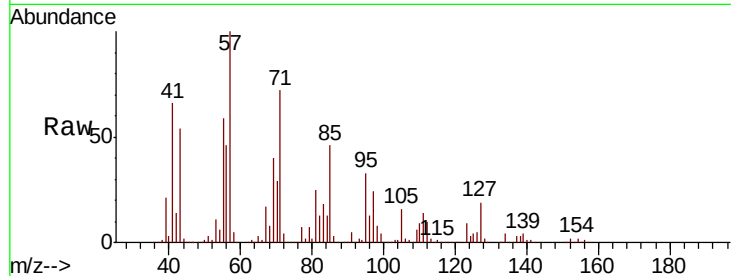




#85
 sec-Butylbenzene
 Concen: 2.006 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010856.D
 Acq: 12 Jul 2019 23:26

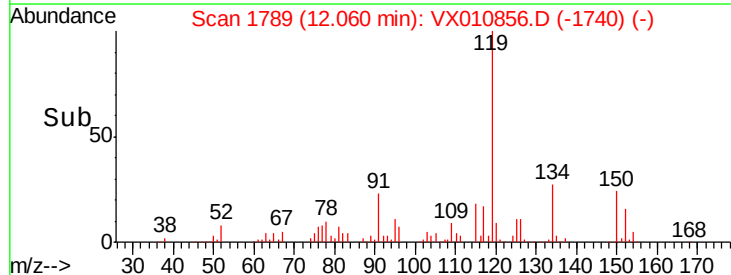
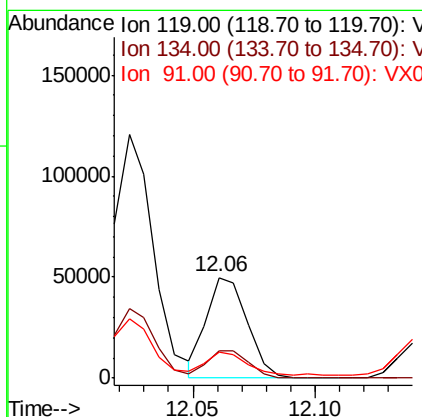
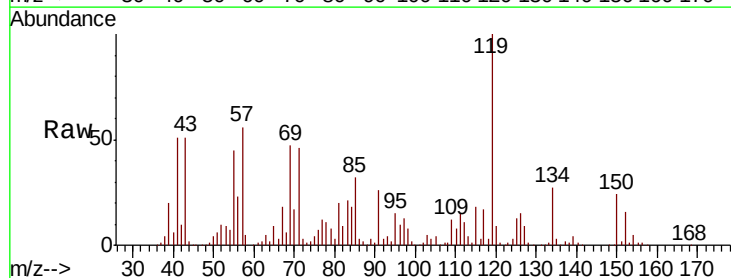
Instrument :
 MSVOA_X
 ClientSampleId :
 PX-3_070919ME

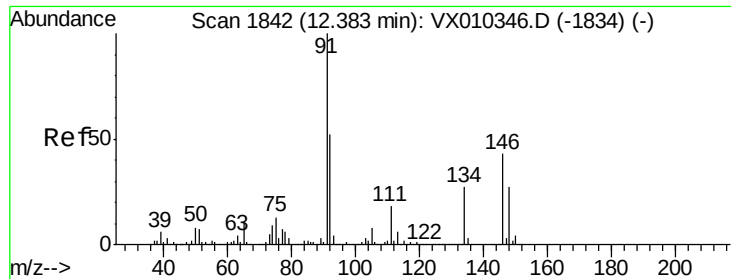
Tot Ion:105 Resp: 20955
 Ion Ratio Lower Upper
 105 100
 134 25.3 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 5.964 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010856.D
 Acq: 12 Jul 2019 23:26

Tgt Ion:119 Resp: 57628
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.7 41.1
 91 22.5 11.3 33.8





#89

n-Butylbenzene

Concen: 11.457 ug/l

RT: 12.37 min Scan# 1840

Delta R.T. -0.01 min

Lab File: VX010856.D

Acq: 12 Jul 2019 23:26

Instrument :

MSVOA_X

ClientSampleId :

PX-3 070919ME

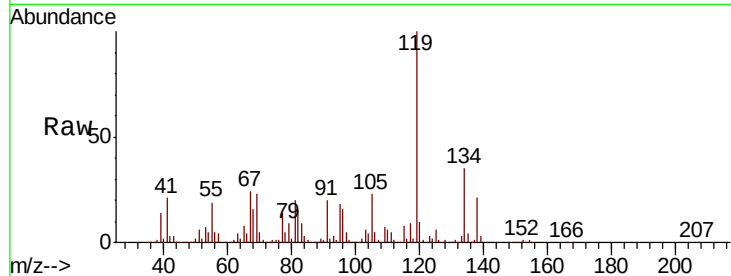
Tot Ion: 91 Resp: 94077

Ion Ratio Lower Upper

91 100

92 15.8 26.2 78.5#

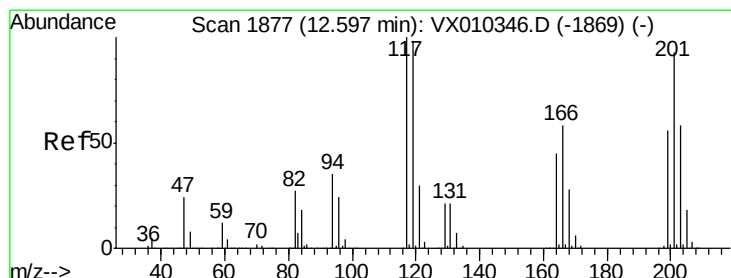
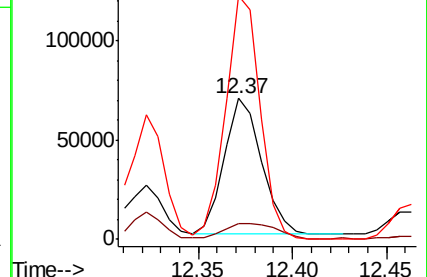
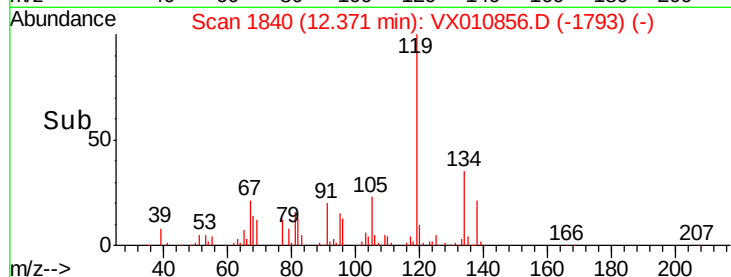
134 165.8 14.1 42.4#



Abundance Ion 91.00 (90.70 to 91.70): VX010346.D (-1834) (-)

Ion 92.00 (91.70 to 92.70): VX010346.D (-1834) (-)

Ion 134.00 (133.70 to 134.70): VX010346.D (-1834) (-)



#90

Hexachloroethane

Concen: 13.109 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX010856.D

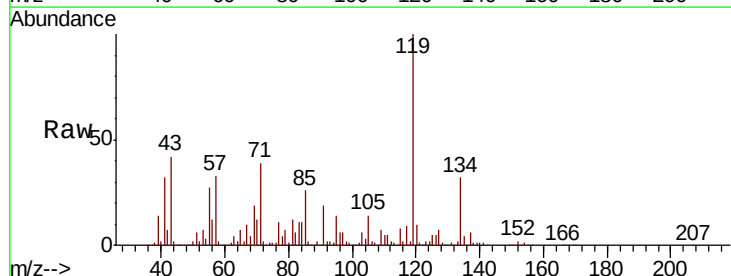
Acq: 12 Jul 2019 23:26

Tgt Ion: 117 Resp: 21903

Ion Ratio Lower Upper

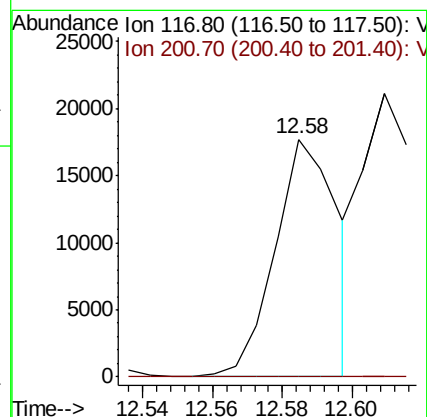
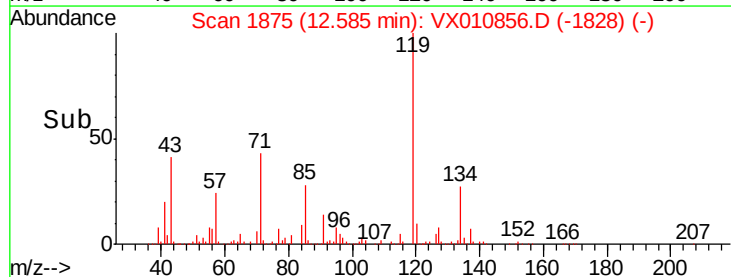
117 100

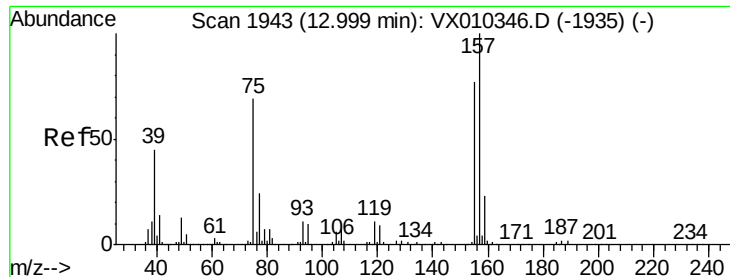
201 0.0 44.0 131.8#



Abundance Ion 116.80 (116.50 to 117.50): VX010346.D (-1869) (-)

Ion 200.70 (200.40 to 201.40): VX010346.D (-1869) (-)





#92

1,2-Dibromo-3-Chloropropane

Concen: 3.726 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX010856.D

Acq: 12 Jul 2019 23:26

Instrument :

MSVOA_X

ClientSampleId :

PX-3 070919ME

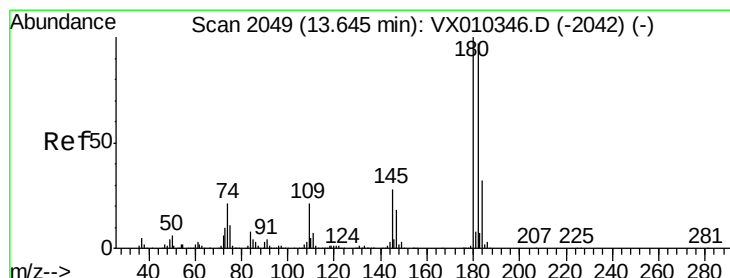
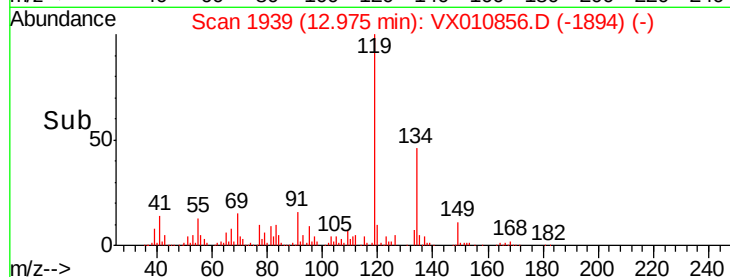
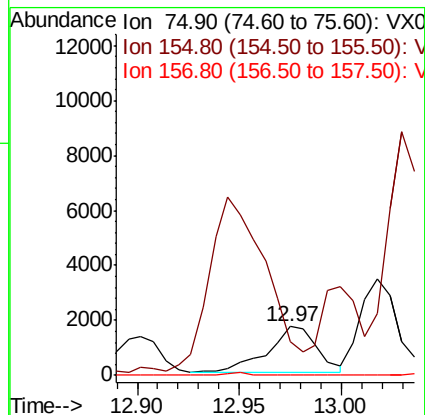
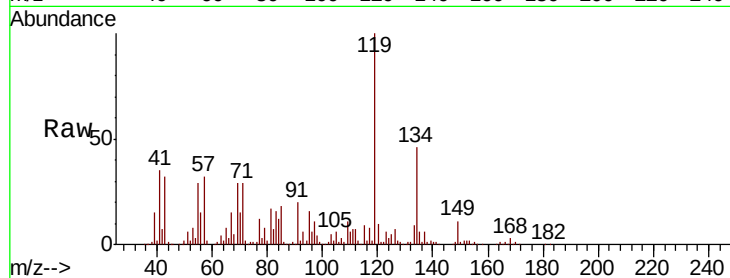
Tot Ion: 75 Resp: 2861

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

157 0.0 69.5 208.3#



#93

1,2,4-Trichlorobenzene

Concen: 0.358 ug/l

RT: 13.65 min Scan# 2050

Delta R.T. 0.01 min

Lab File: VX010856.D

Acq: 12 Jul 2019 23:26

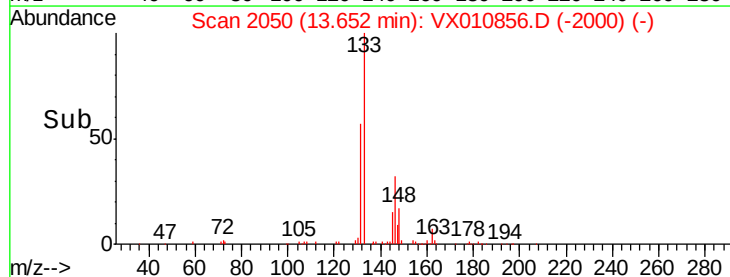
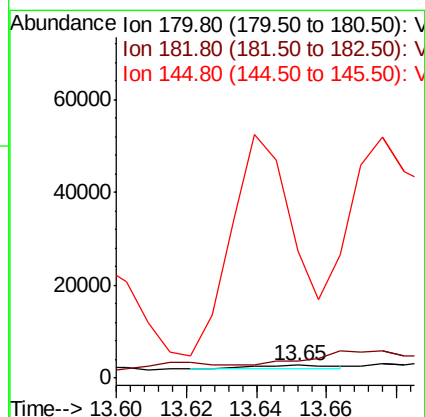
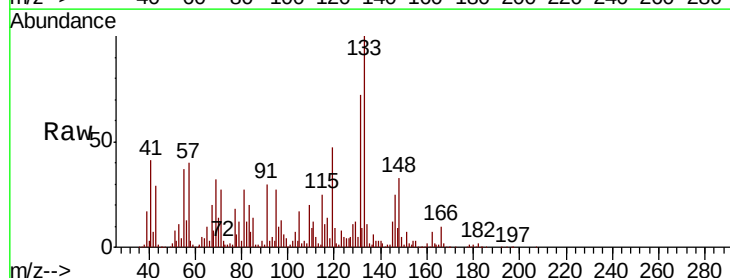
Tgt Ion:180 Resp: 1293

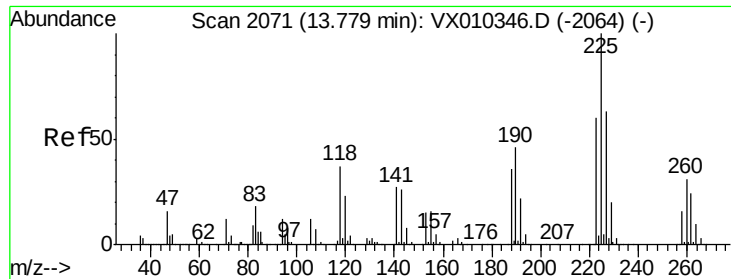
Ion Ratio Lower Upper

180 100

182 0.0 48.0 144.0#

145 4610.2 14.4 43.4#





#94

Hexachlorobutadiene

Concen: 0.289 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010856.D

Acq: 12 Jul 2019 23:26

Instrument :

MSVOA_X

ClientSampleId :

PX-3 070919ME

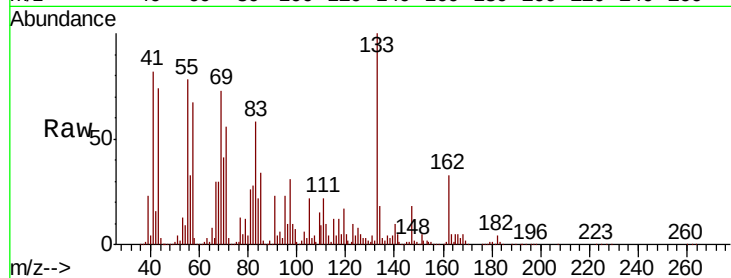
Tot Ion:225 Resp: 510

Ion Ratio Lower Upper

225 100

223 68.8 30.9 92.7

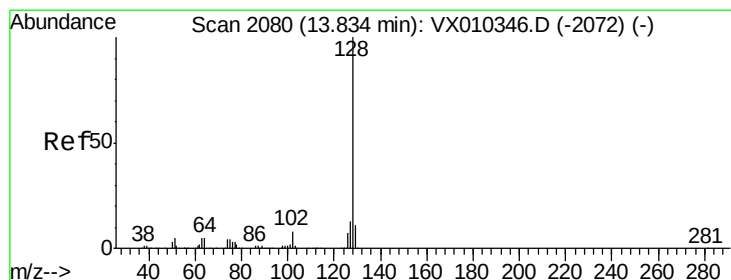
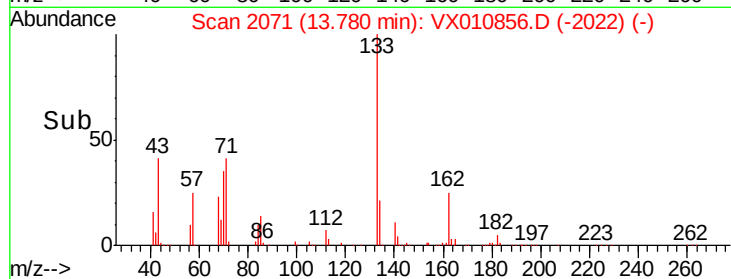
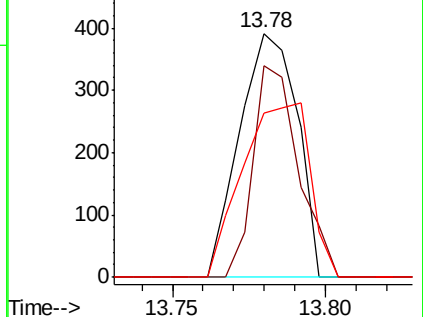
227 83.9 31.9 95.5



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: 1.078 ug/l

RT: 13.81 min Scan# 2076

Delta R.T. -0.02 min

Lab File: VX010856.D

Acq: 12 Jul 2019 23:26

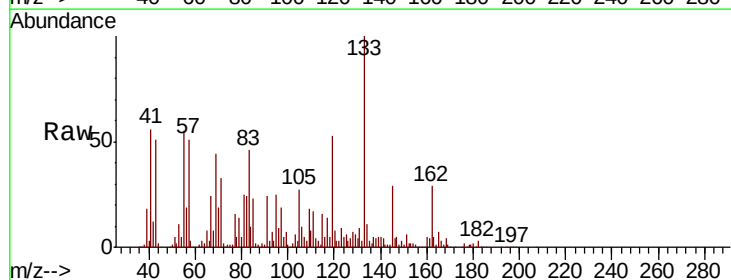
Tgt Ion:128 Resp: 11968

Ion Ratio Lower Upper

128 100

127 127.2 10.2 15.4#

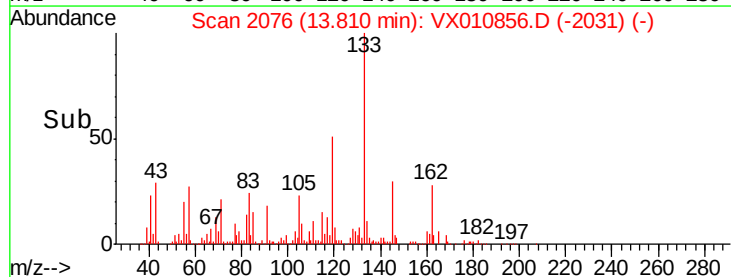
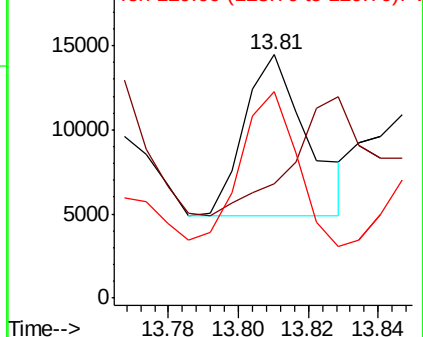
129 85.4 8.9 13.3#

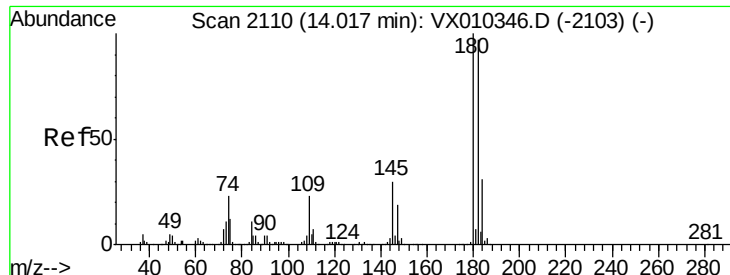


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

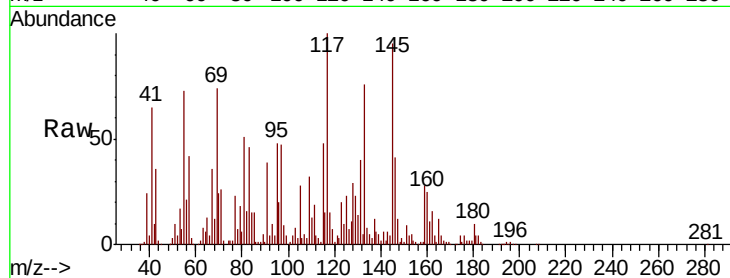




#96
 1,2,3-Trichlorobenzene
 Concen: 4.980 ug/l
 RT: 14.04 min Scan# 2113
 Delta R.T. 0.02 min
 Lab File: VX010856.D
 Acq: 12 Jul 2019 23:26

Instrument :
 MSVOA_X
 ClientSampleId :
 PX-3_070919ME

Tot Ion:180 Resp: 17887
 Ion Ratio Lower Upper
 180 100
 182 19.3 47.8 143.3#
 145 1034.8 15.2 45.6#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

