

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100719\
 Data File : VX012836.D
 Acq On : 07 Oct 2019 14:26
 Operator : JC/SP
 Sample : K5215-11ME
 Misc : 5.08g/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 13933ME

Quant Time: Oct 08 11:11:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	163599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	278105	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	235265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	107151	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	103837	43.59	ug/l	0.00
Spiked Amount			Recovery	=	87.18%	
35) Dibromofluoromethane	5.49	113	79374	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	
50) Toluene-d8	8.71	98	326421	51.18	ug/l	0.00
Spiked Amount			Recovery	=	102.36%	
62) 4-Bromofluorobenzene	11.14	95	123087	49.08	ug/l	0.00
Spiked Amount			Recovery	=	98.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.62	94	590	0.714	ug/l #	80
10) Methyl Iodide	2.47	142	503	5.192	ug/l #	68
11) Tert butyl alcohol	3.01	59	4399	7.392	ug/l #	80
13) Acrolein	2.26	56	120	10.580	ug/l #	15
14) Allyl chloride	2.48	41	119529	34.251	ug/l #	1
16) Acetone	2.48	43	5263909	4171.518	ug/l	94
20) Methylene Chloride	2.83	84	932	0.437	ug/l	90
29) Tetrahydrofuran	5.18	42	1325	1.201	ug/l #	1
31) Cyclohexane	5.58	56	76385	23.035	ug/l #	51
36) 1,1-Dichloropropene	5.65	75	13452	5.018	ug/l #	50
38) Carbon Tetrachloride	5.65	117	17200	6.316	ug/l #	16
39) Methylcyclohexane	7.45	83	58217	18.040	ug/l	98
41) Methacrylonitrile	5.20	41	7111	4.044	ug/l #	55
43) Isopropyl Acetate	6.26	43	40134	7.658	ug/l #	62
45) 1,2-Dichloropropane	7.43	63	789	0.391	ug/l #	1
47) Bromodichloromethane	7.83	83	596	0.217	ug/l #	1
48) Methyl methacrylate	7.72	41	9115	3.627	ug/l #	45
51) 4-Methyl-2-Pentanone	8.65	43	13134	4.060	ug/l #	68
52) Toluene	8.78	92	2378837	479.879	ug/l	97
53) t-1,3-Dichloropropene	8.78	75	27997	9.209	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	47133	23.915	ug/l #	19
56) Ethyl methacrylate	9.15	69	11998	3.624	ug/l #	23
59) 2-Hexanone	9.44	43	50123	20.241	ug/l #	32
64) Tetrachloroethene	9.33	164	646	0.394	ug/l #	79
65) Chlorobenzene	10.07	112	1368	0.276	ug/l #	43
67) Ethyl Benzene	10.25	91	273635	30.453	ug/l	98
68) m/p-Xylenes	10.35	106	408192	121.268	ug/l	100
69) o-Xylene	10.70	106	217038	66.637	ug/l	99
70) Styrene	10.70	104	11033	2.021	ug/l #	1
73) Isopropylbenzene	11.01	105	127129	14.567	ug/l	99
74) N-amyl acetate	10.91	43	62742	15.070	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	39768	13.759	ug/l #	26
76) 1,2,3-Trichloropropane	11.35	75	3165	1.117	ug/l #	1
78) n-propylbenzene	11.35	91	466035	47.433	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100719\
 Data File : VX012836.D
 Acq On : 07 Oct 2019 14:26
 Operator : JC/SP
 Sample : K5215-11ME
 Misc : 5.08g/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 13933ME

Quant Time: Oct 08 11:11:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

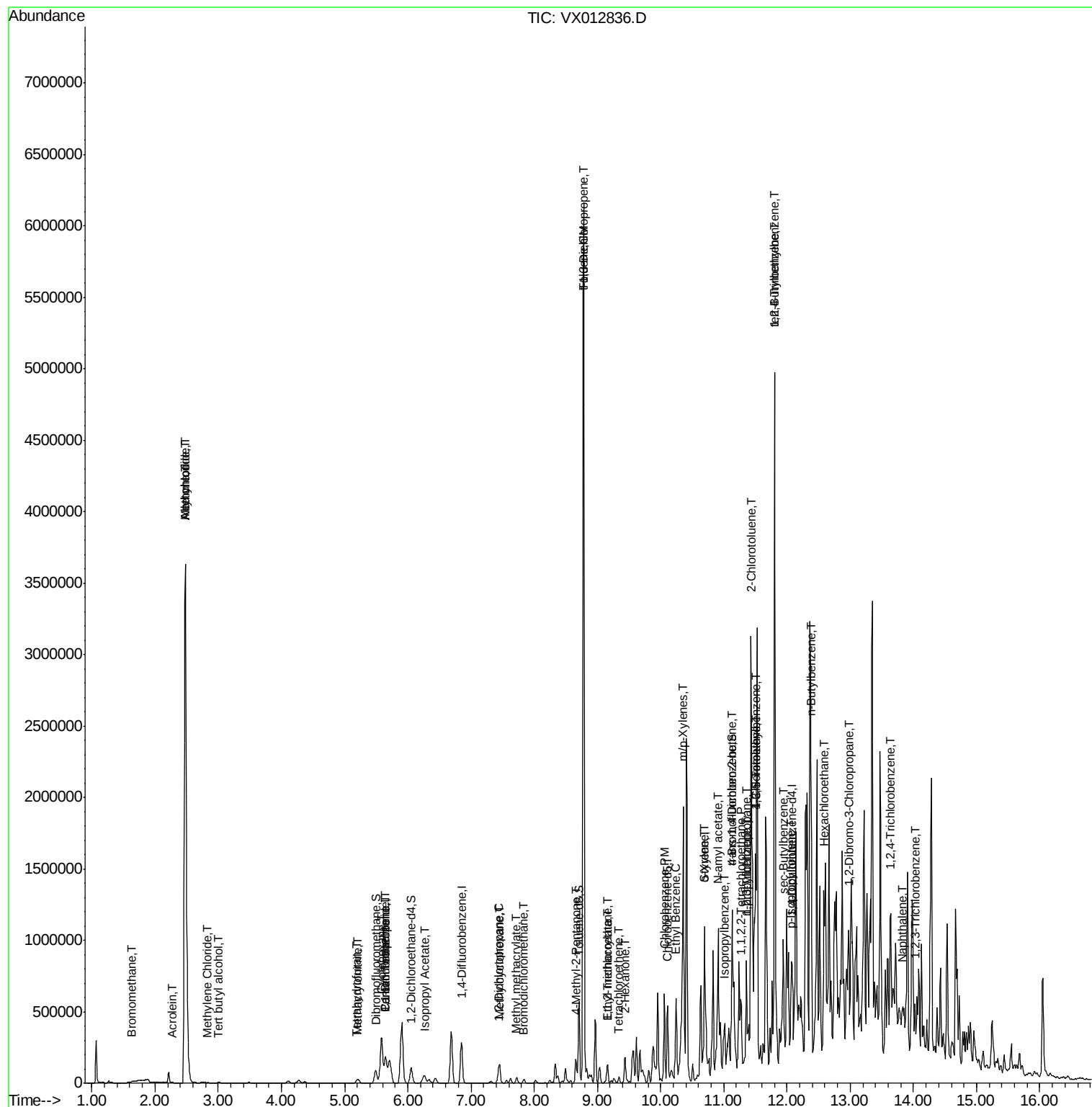
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	11.43	91	228354	37.257	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.50	105	512931	70.088	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.14	75	56161	56.783	ug/l #	19
82) 4-Chlorotoluene	11.50	91	60095	8.601	ug/l #	48
83) tert-Butylbenzene	11.81	119	239066	33.864	ug/l #	59
84) 1,2,4-Trimethylbenzene	11.81	105	1949578	264.076	ug/l	100
85) sec-Butylbenzene	11.95	105	227400	27.694	ug/l	87
86) p-Isopropyltoluene	12.06	119	131240	17.714	ug/l	99
89) n-Butylbenzene	12.38	91	499151	76.455	ug/l #	54
90) Hexachloroethane	12.59	117	47456	35.928	ug/l #	17
92) 1,2-Dibromo-3-Chloropropan	12.98	75	3085	4.267	ug/l #	18
93) 1,2,4-Trichlorobenzene	13.63	180	495	0.228	ug/l #	1
95) Naphthalene	13.83	128	195786	24.934	ug/l #	93
96) 1,2,3-Trichlorobenzene	14.03	180	2754	1.267	ug/l #	1

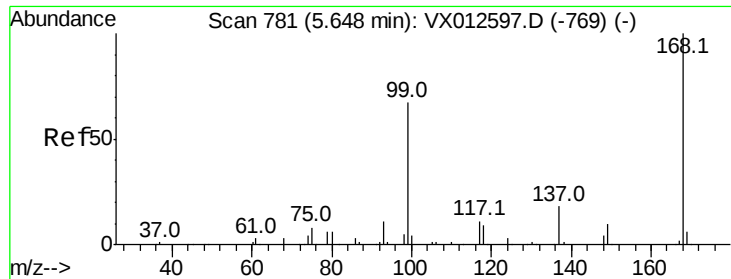
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100719\
Data File : VX012836.D
Acq On : 07 Oct 2019 14:26
Operator : JC/SP
Sample : K5215-11ME
Misc : 5.08g/10mL/100uL/10mL/MSVOA_X/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
13933ME

Quant Time: Oct 08 11:11:43 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012836.D

Acq: 07 Oct 2019 14:26

Instrument :

MSVOA_X

ClientSampleId :

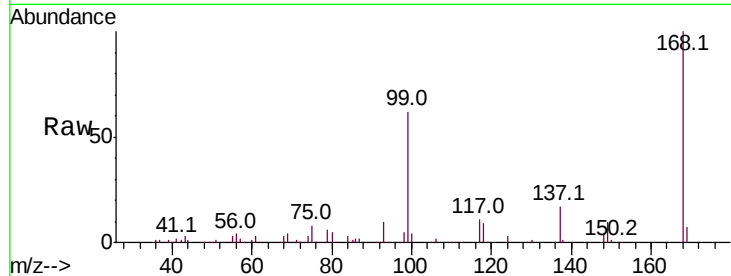
13933ME

Tot Ion:168 Resp: 163599

Ion Ratio Lower Upper

168 100

99 62.2 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

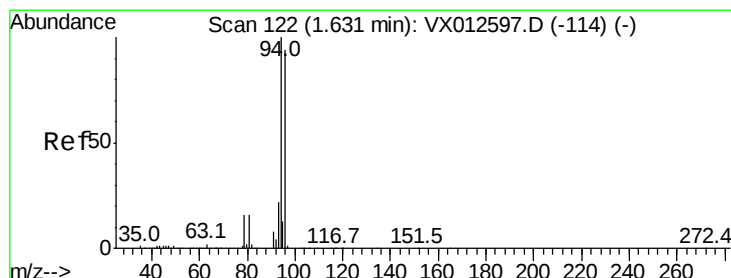
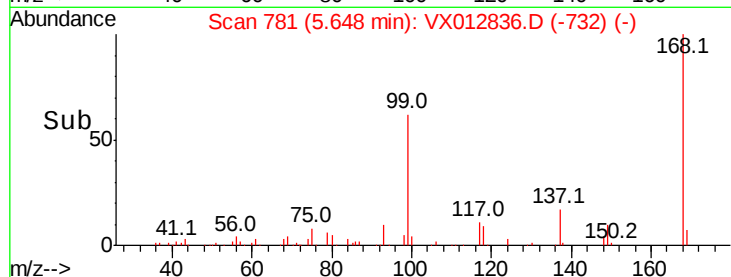
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.714 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012836.D

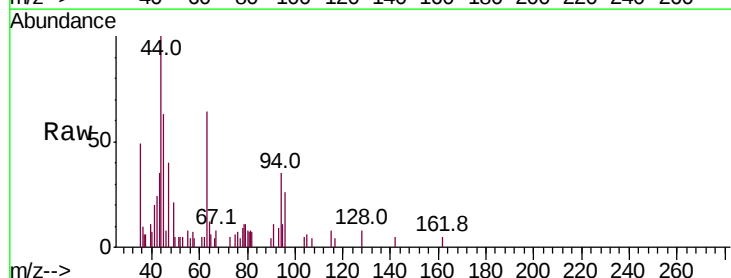
Acq: 07 Oct 2019 14:26

Tgt Ion: 94 Resp: 590

Ion Ratio Lower Upper

94 100

96 72.3 72.8 109.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

600

500

400

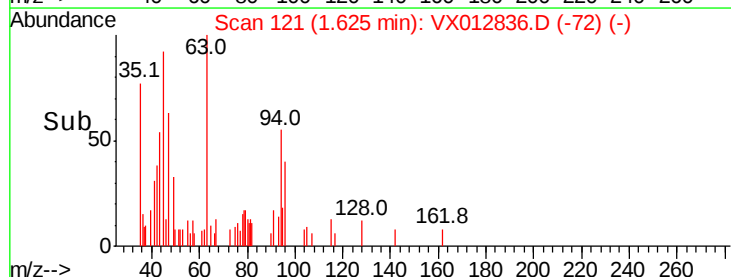
300

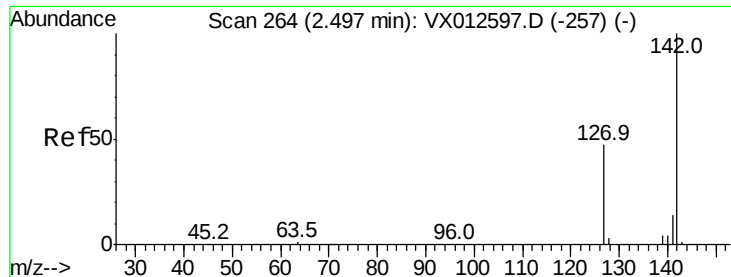
200

100

0

Time--> 1.60 1.65

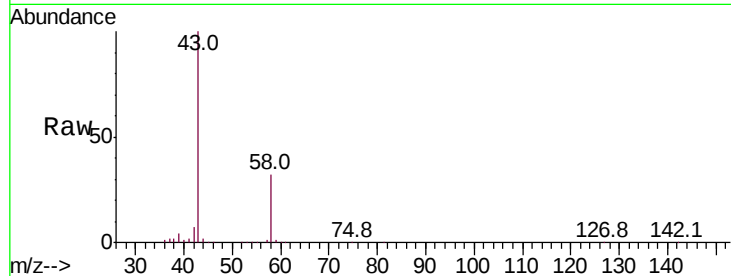




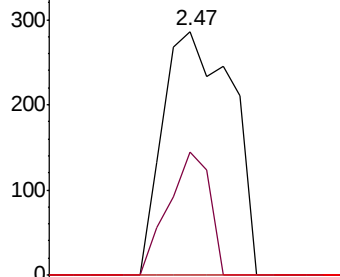
#10
Methvl Iodide
Concen: 5.192 ug/l
RT: 2.47 min Scan# 260
Delta R.T. -0.02 min
Lab File: VX012836.D
Acq: 07 Oct 2019 14:26

Instrument :
MSVOA_X
ClientSampleId :
13933ME

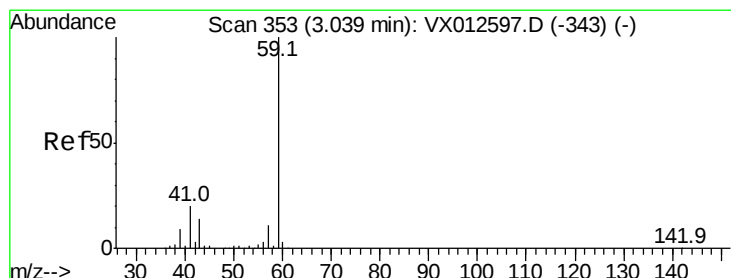
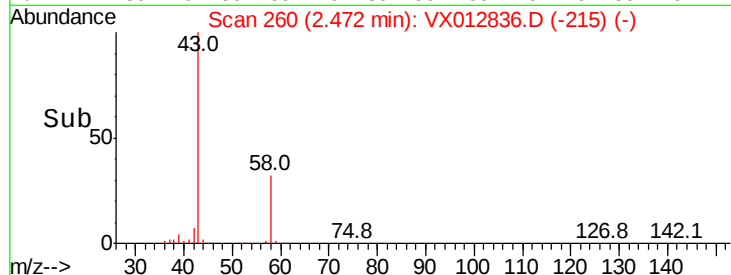
Tot Ion:142 Resp: 503
Ion Ratio Lower Upper
142 100
127 30.0 40.8 61.2#
141 0.0 12.1 18.1#



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

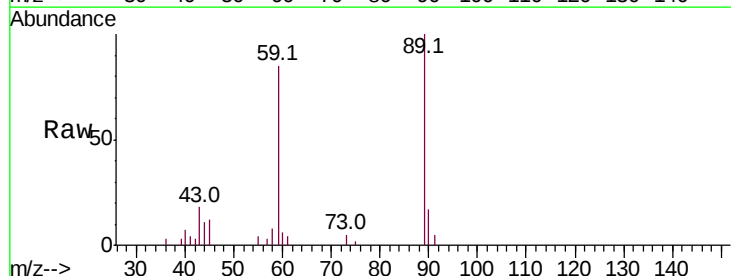


Time-->

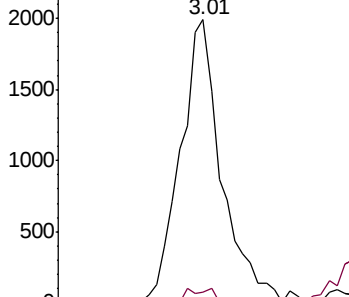


#11
Tert butyl alcohol
Concen: 7.392 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.02 min
Lab File: VX012836.D
Acq: 07 Oct 2019 14:26

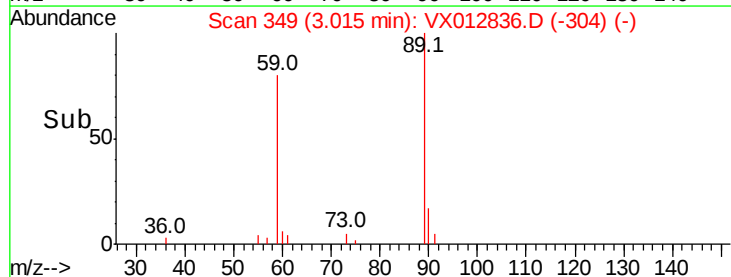
Tgt Ion: 59 Resp: 4399
Ion Ratio Lower Upper
59 100
57 2.8 8.3 12.5#

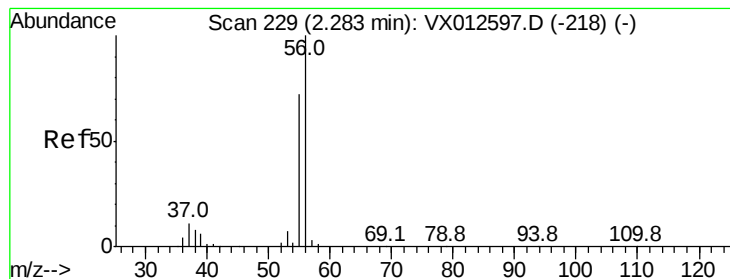


Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0



Time-->





#13

Acrolein

Concen: 10.580 ug/l

RT: 2.26 min Scan# 226

Delta R.T. -0.02 min

Lab File: VX012836.D

Acq: 07 Oct 2019 14:26

Instrument :

MSVOA_X

ClientSampled :

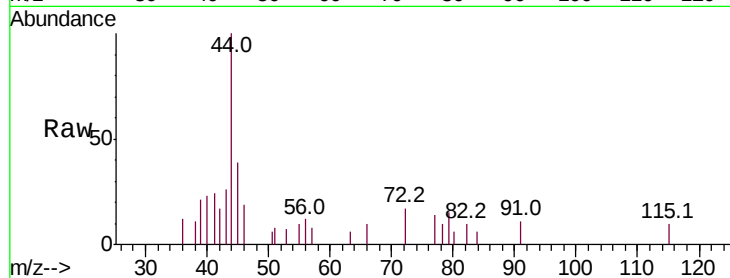
13933ME

Tot Ion: 56 Resp: 120

Ion Ratio Lower Upper

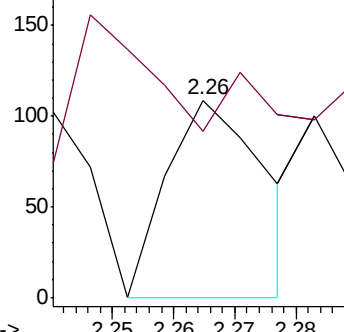
56 100

55 0.0 55.8 83.8#

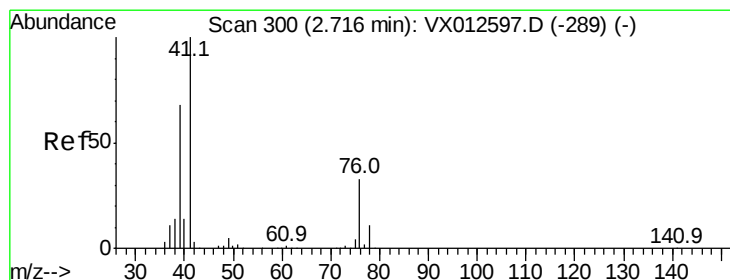
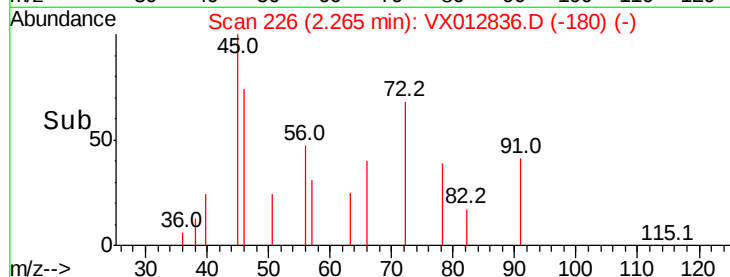


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#14

Allyl chloride

Concen: 34.251 ug/l

RT: 2.48 min Scan# 261

Delta R.T. -0.24 min

Lab File: VX012836.D

Acq: 07 Oct 2019 14:26

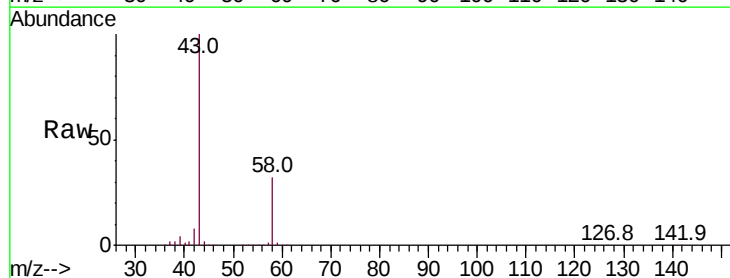
Tgt Ion: 41 Resp: 119529

Ion Ratio Lower Upper

41 100

39 174.8 51.3 76.9#

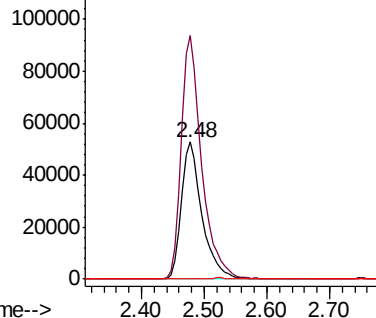
76 0.0 22.6 33.8#



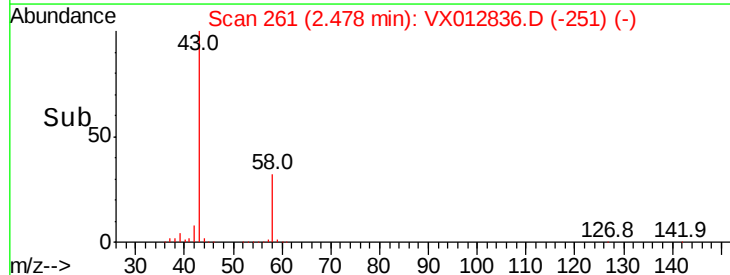
Abundance Ion 41.00 (40.70 to 41.70): VX0

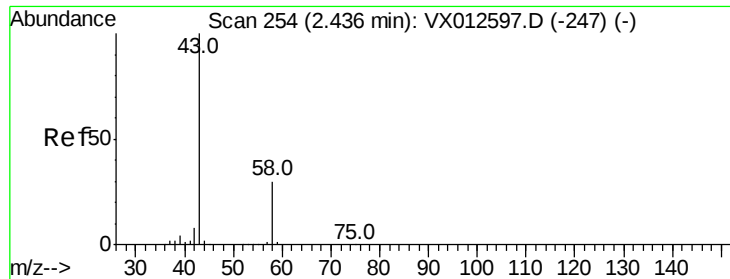
Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



Time-->

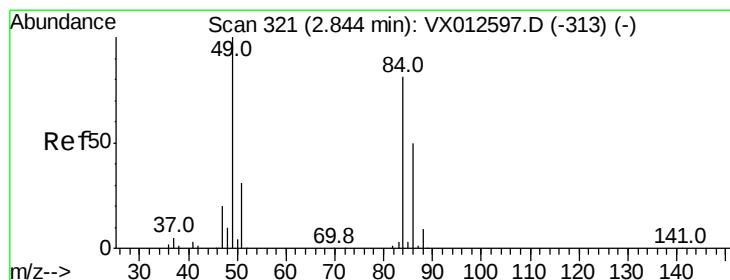
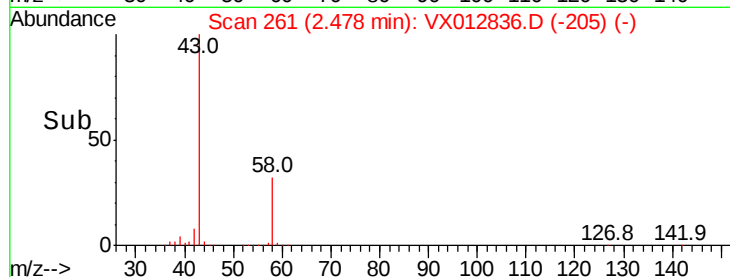
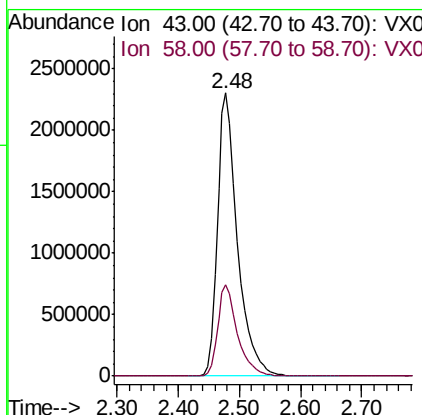
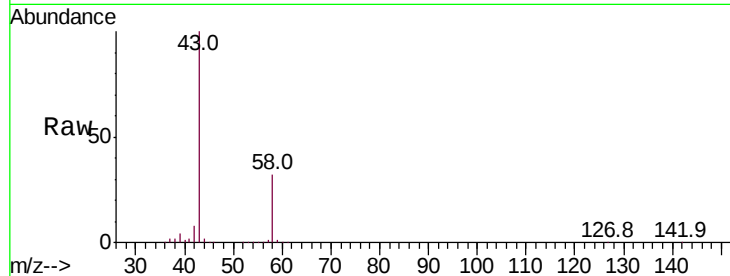




#16
Acetone
Concen: 4171.518 ug/l
RT: 2.48 min Scan# 261
Delta R.T. 0.04 min
Lab File: VX012836.D
Acq: 07 Oct 2019 14:26

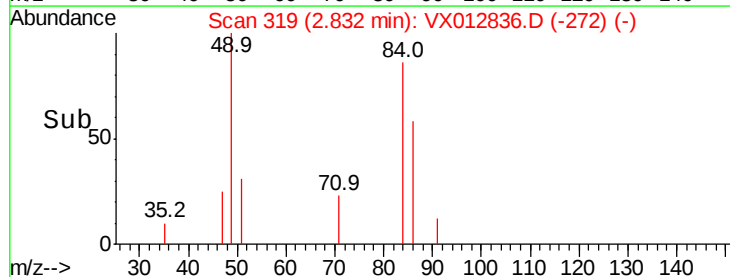
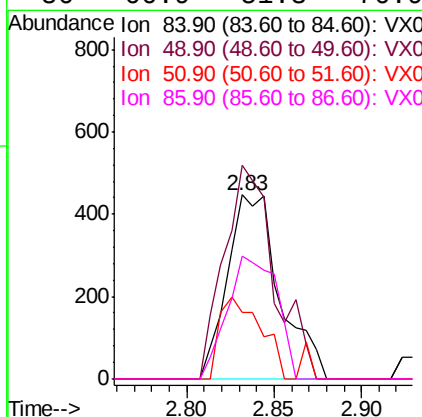
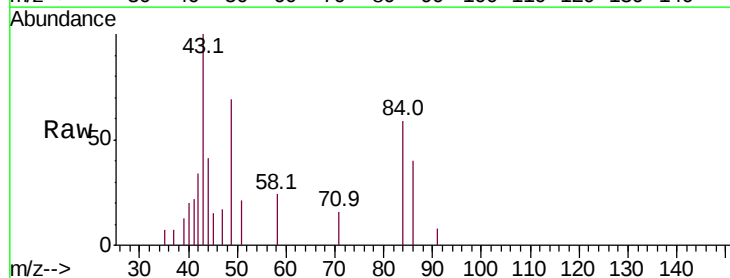
Instrument :
MSVOA_X
ClientSampled :
13933ME

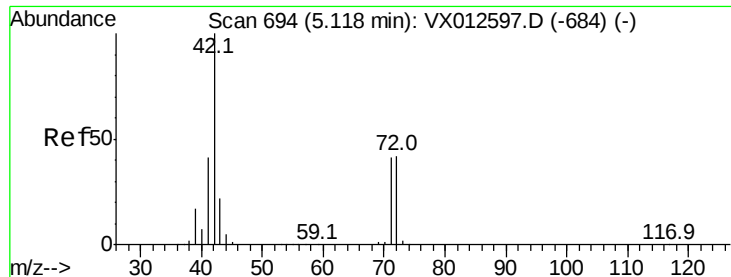
Tot Ion: 43 Resp: 5263909
Ion Ratio Lower Upper
43 100
58 32.3 23.3 34.9



#20
Methylene Chloride
Concen: 0.437 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.01 min
Lab File: VX012836.D
Acq: 07 Oct 2019 14:26

Tgt Ion: 84 Resp: 932
Ion Ratio Lower Upper
84 100
49 116.1 106.8 160.2
51 36.0 32.3 48.5
86 66.9 51.3 76.9





#29

Tetrahydrofuran

Concen: 1.201 ug/l

RT: 5.18 min Scan# 705

Delta R.T. 0.07 min

Lab File: VX012836.D

Acq: 07 Oct 2019 14:26

Instrument :

MSVOA_X

ClientSampleId :

13933ME

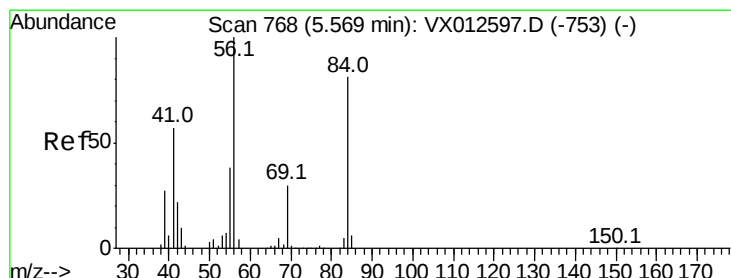
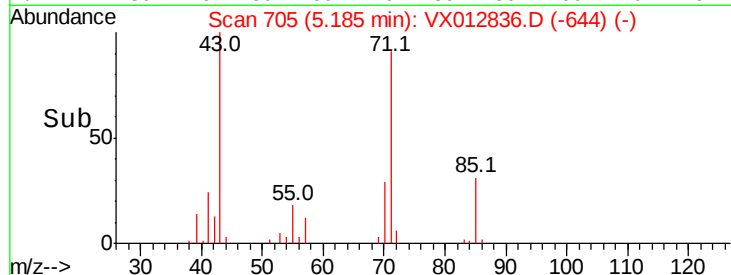
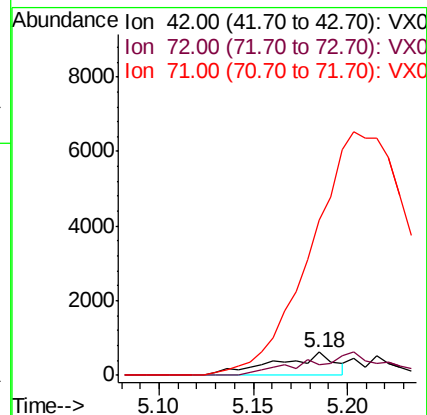
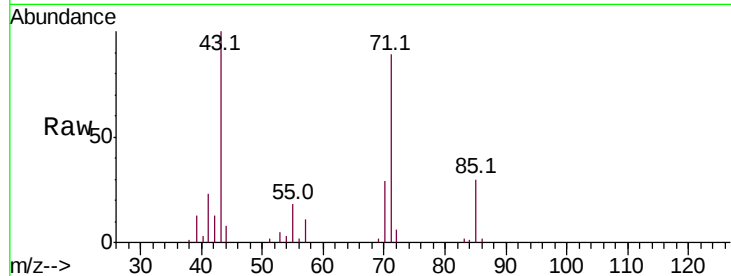
Tot Ion: 42 Resp: 1325

Ion Ratio Lower Upper

42 100

72 139.6 34.0 51.0#

71 1810.4 31.5 47.3#



#31

Cyclohexane

Concen: 23.035 ug/l

RT: 5.58 min Scan# 770

Delta R.T. 0.01 min

Lab File: VX012836.D

Acq: 07 Oct 2019 14:26

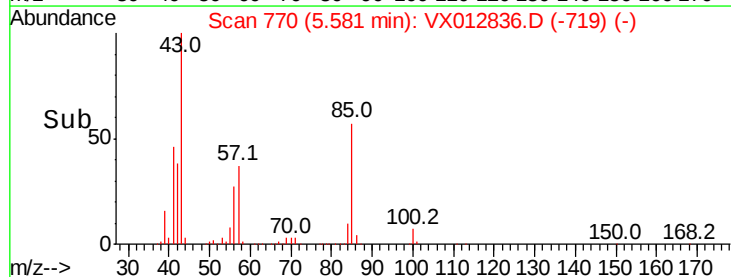
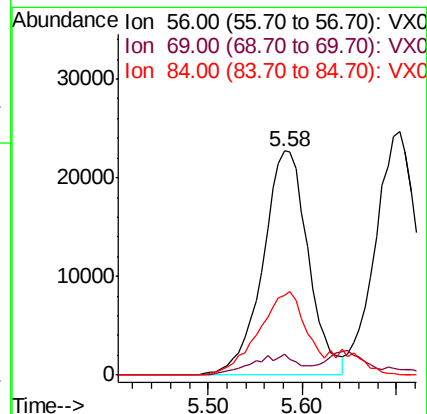
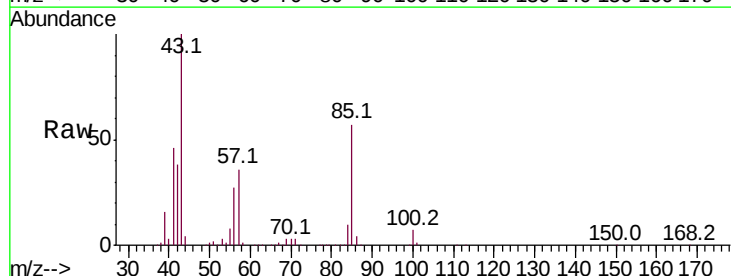
Tgt Ion: 56 Resp: 76385

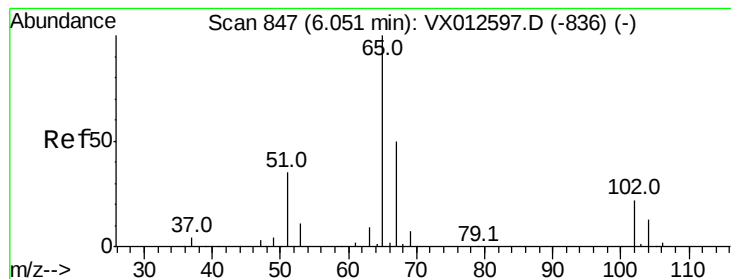
Ion Ratio Lower Upper

56 100

69 9.5 25.0 37.6#

84 35.4 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 43.587 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX012836.D

Acq: 07 Oct 2019 14:26

Instrument :

MSVOA_X

ClientSampleId :

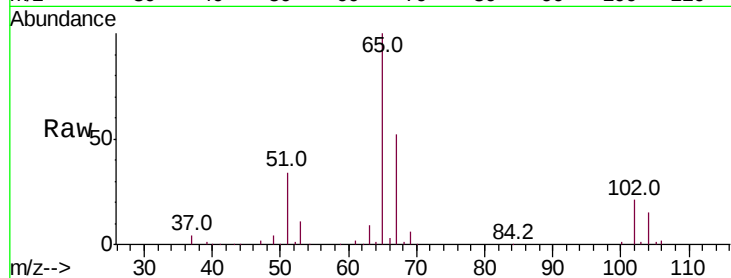
13933ME

Tot Ion: 65 Resp: 103837

Ion Ratio Lower Upper

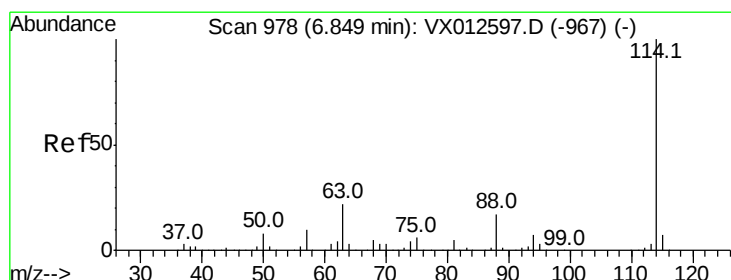
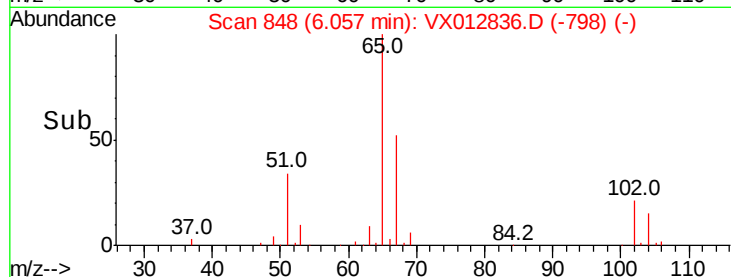
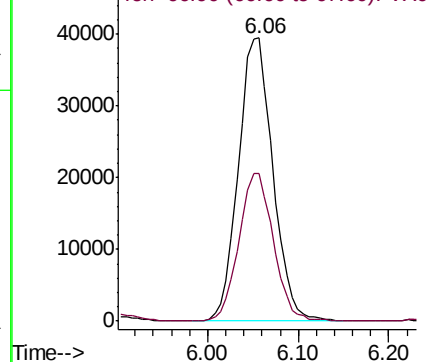
65 100

67 52.4 0.0 101.2



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# 978

Delta R.T. -0.00 min

Lab File: VX012836.D

Acq: 07 Oct 2019 14:26

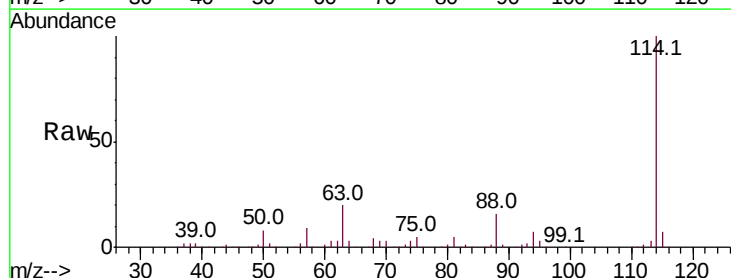
Tgt Ion: 114 Resp: 278105

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

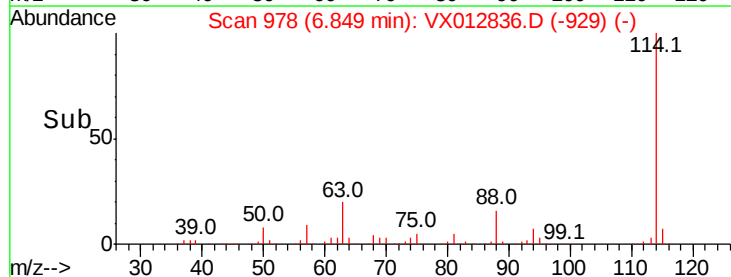
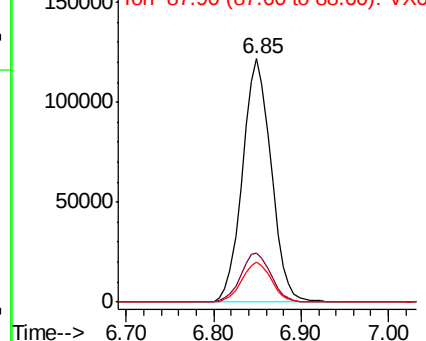
88 16.5 0.0 33.2

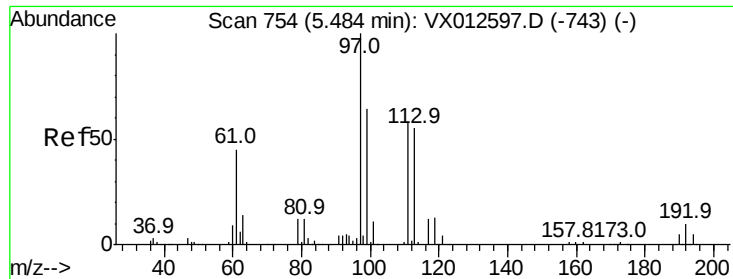


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

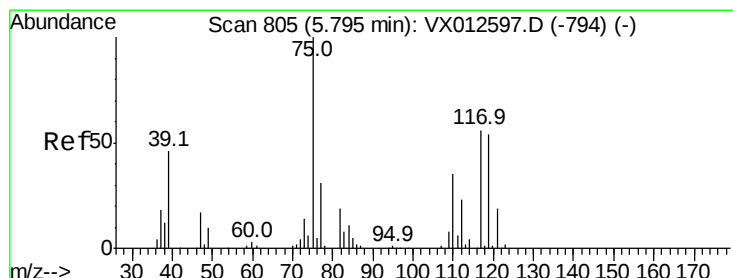
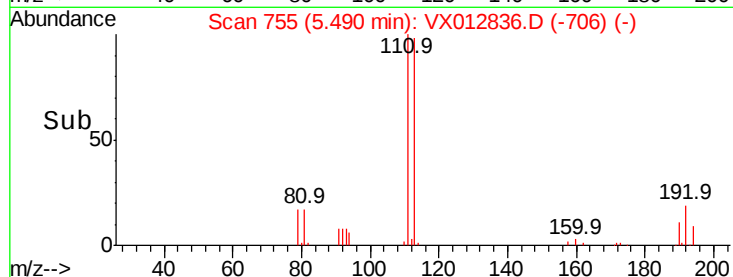
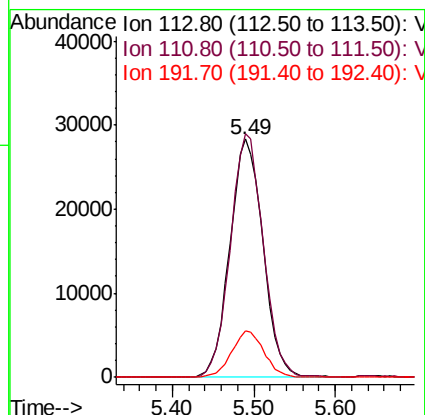
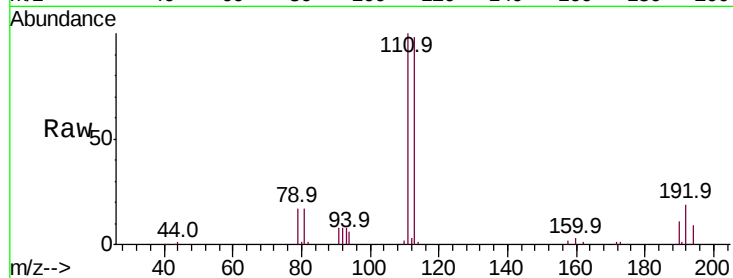




#35
 Dibromofluoromethane
 Concen: 47.924 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX012836.D
 Acq: 07 Oct 2019 14:26

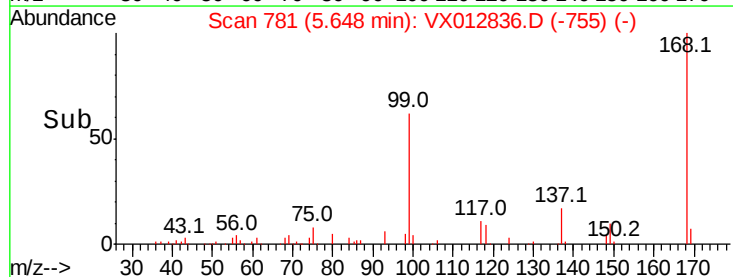
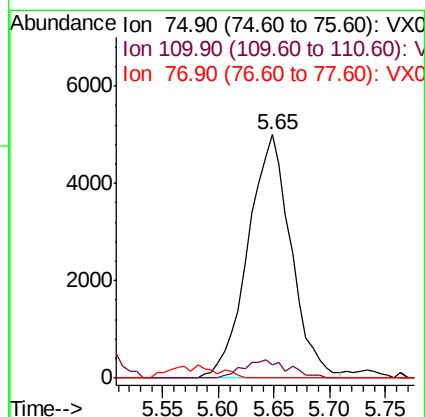
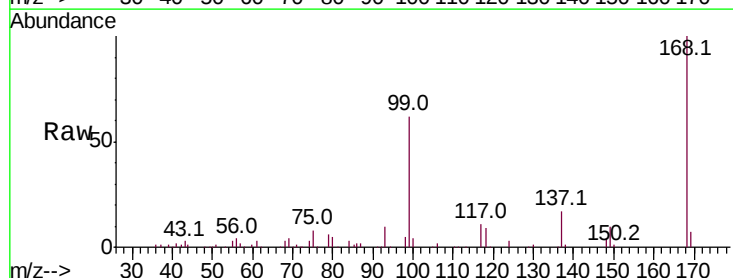
Instrument :
 MSVOA_X
 ClientSampleId :
 13933ME

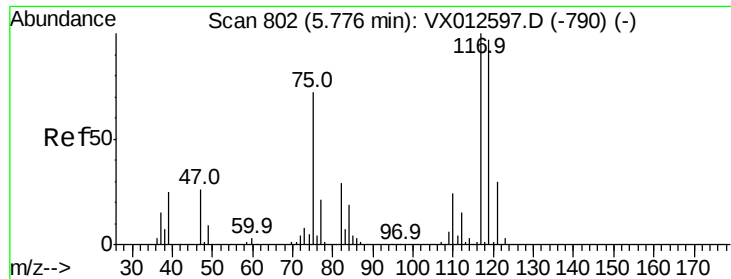
Tot Ion:113 Resp: 79374
 Ion Ratio Lower Upper
 113 100
 111 101.5 83.4 125.2
 192 19.0 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 5.018 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012836.D
 Acq: 07 Oct 2019 14:26

Tgt Ion: 75 Resp: 13452
 Ion Ratio Lower Upper
 75 100
 110 7.8 16.7 50.0#
 77 0.0 24.2 36.2#

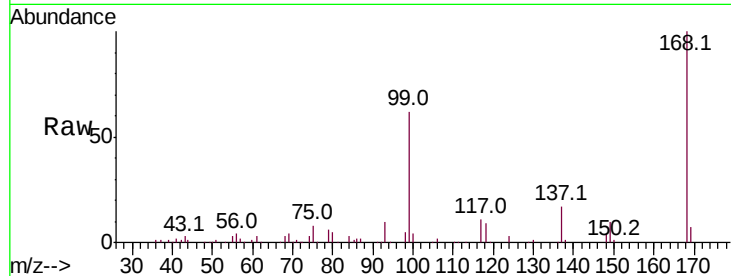




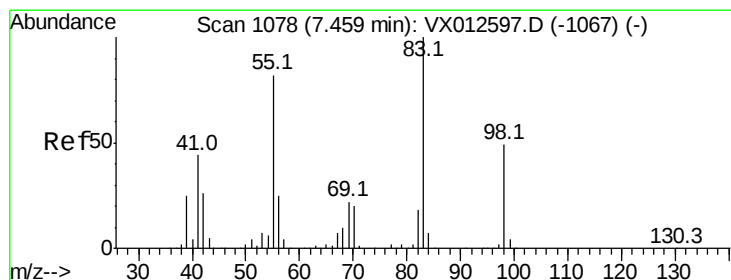
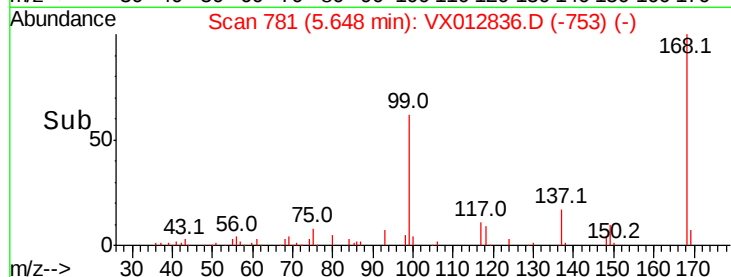
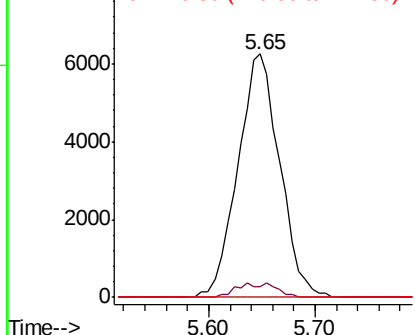
#38
Carbon Tetrachloride
Concen: 6.316 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX012836.D
Acq: 07 Oct 2019 14:26

Instrument :
MSVOA_X
ClientSampleId :
13933ME

Tot Ion:117 Resp: 17200
Ion Ratio Lower Upper
117 100
119 4.6 75.7 113.5#
121 0.0 24.2 36.4#

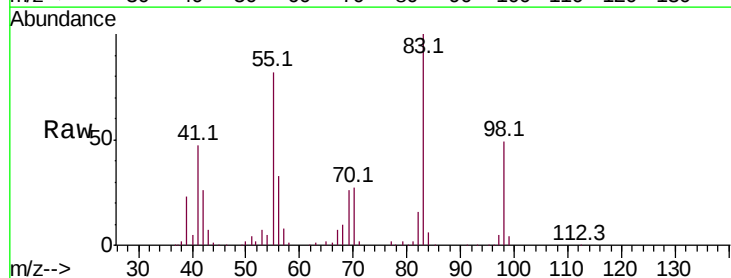


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

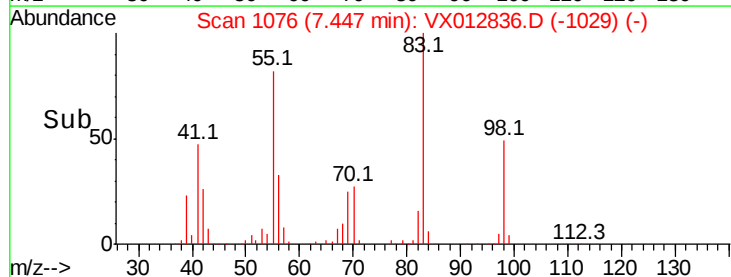
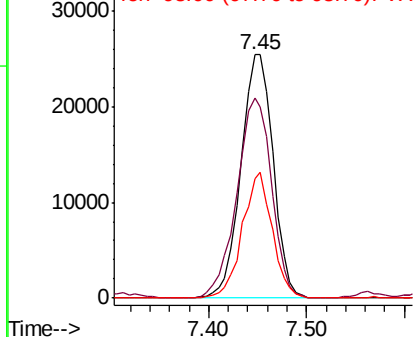


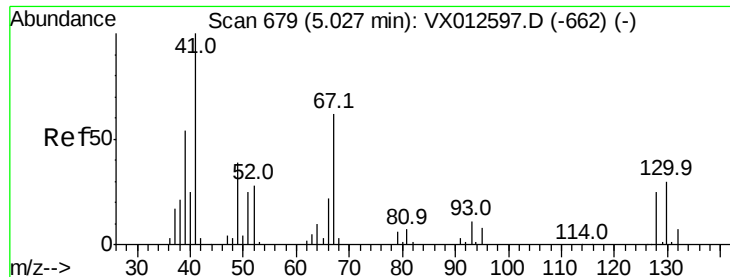
#39
Methylcyclohexane
Concen: 18.040 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. -0.01 min
Lab File: VX012836.D
Acq: 07 Oct 2019 14:26

Tgt Ion: 83 Resp: 58217
Ion Ratio Lower Upper
83 100
55 82.0 64.4 96.6
98 49.2 40.1 60.1



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

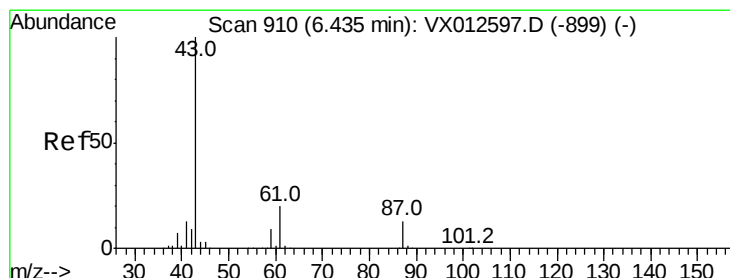
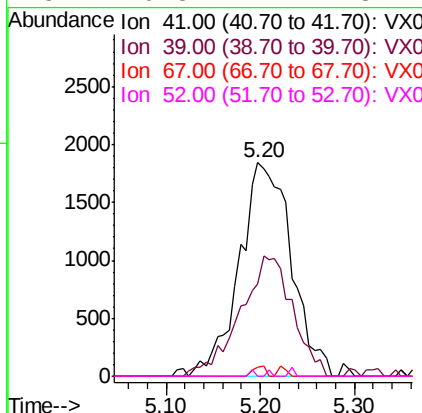
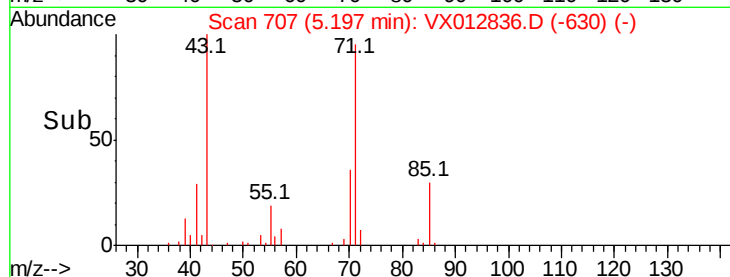
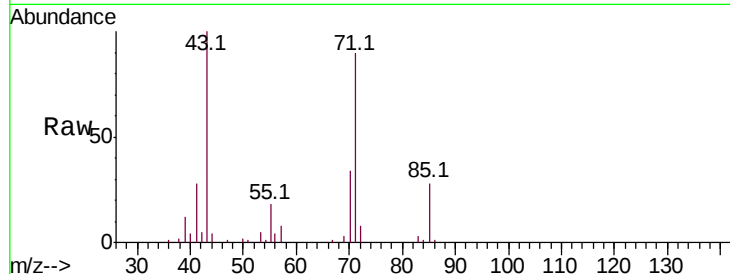




#41
Methacrylonitrile
Concen: 4.044 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.17 min
Lab File: VX012836.D
Acq: 07 Oct 2019 14:26

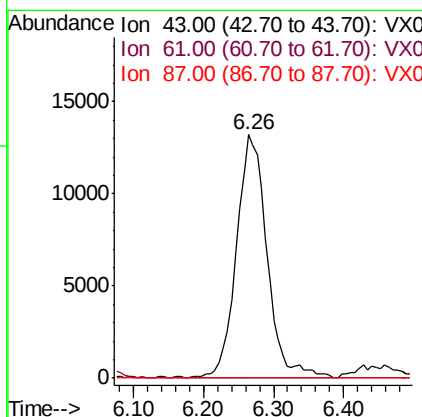
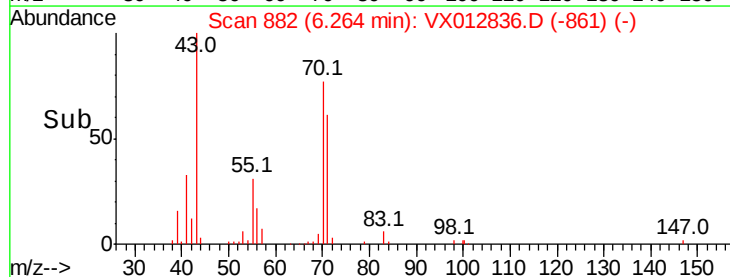
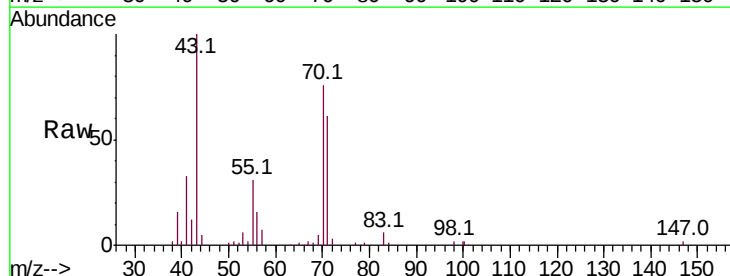
Instrument :
MSVOA_X
ClientSampled :
13933ME

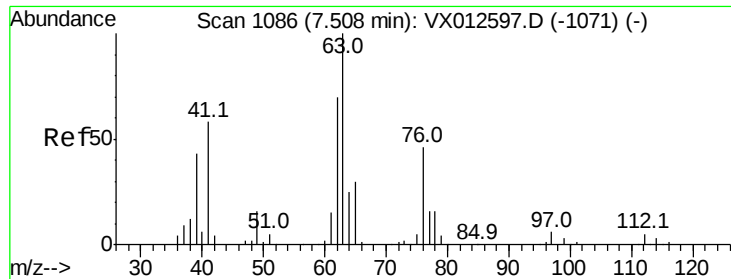
Tot Ion:	41	Resp:	7111
Ion	Ratio	Lower	Upper
41	100		
39	56.7	46.0	69.0
67	1.1	52.2	78.2#
52	0.3	22.7	34.1#



#43
Isopropyl Acetate
Concen: 7.658 ug/l
RT: 6.26 min Scan# 882
Delta R.T. -0.17 min
Lab File: VX012836.D
Acq: 07 Oct 2019 14:26

Tgt Ion:	43	Resp:	40134
Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.4	23.0#
87	0.0	9.8	14.8#





#45

1,2-Dichloropropane

Concen: 0.391 ug/l

RT: 7.43 min Scan# 1074

Delta R.T. -0.07 min

Lab File: VX012836.D

Acq: 07 Oct 2019 14:26

Instrument :

MSVOA_X

ClientSampled :

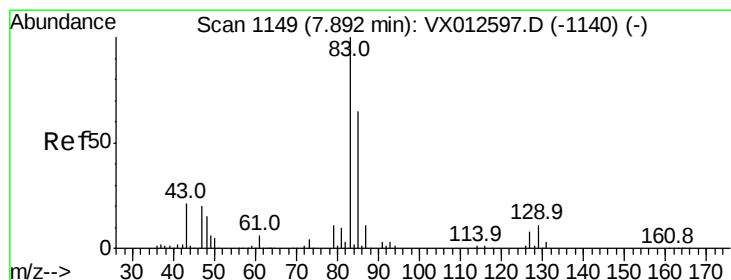
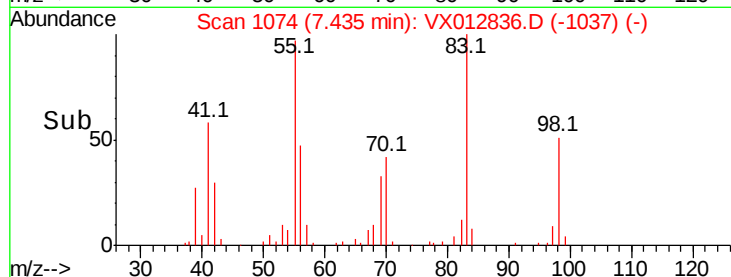
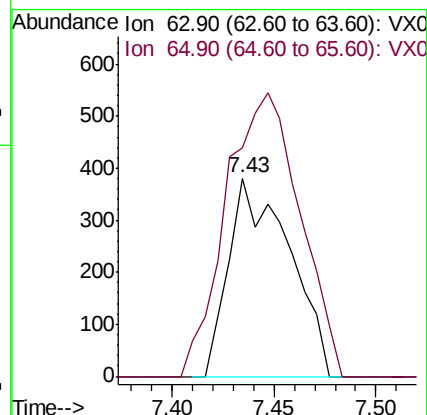
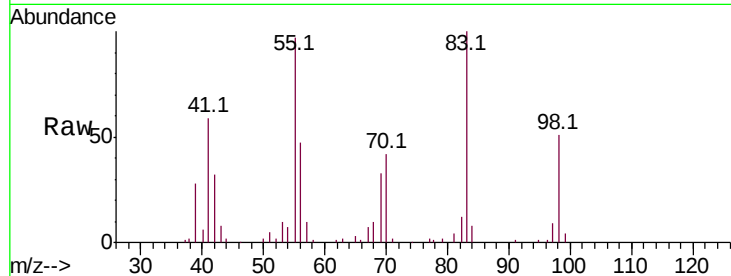
13933ME

Tot Ion: 63 Resp: 789

Ion Ratio Lower Upper

63 100

65 115.5 25.0 37.6#



#47

Bromodichloromethane

Concen: 0.217 ug/l

RT: 7.83 min Scan# 1139

Delta R.T. -0.06 min

Lab File: VX012836.D

Acq: 07 Oct 2019 14:26

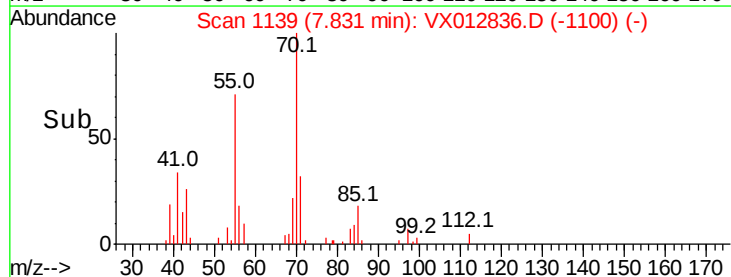
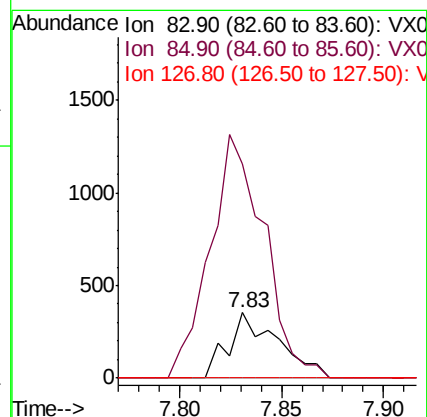
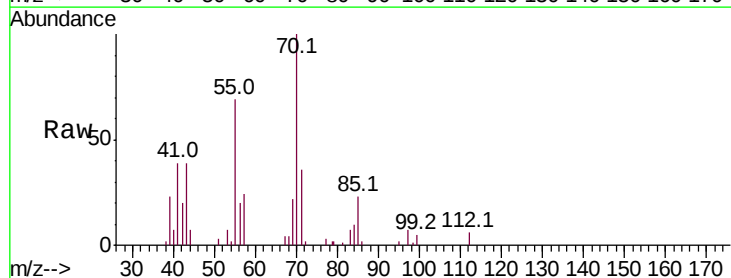
Tgt Ion: 83 Resp: 596

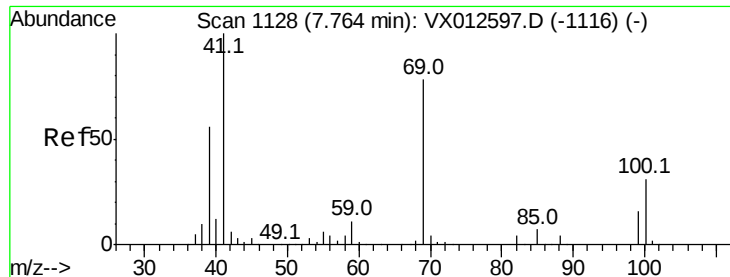
Ion Ratio Lower Upper

83 100

85 325.7 51.8 77.6#

127 0.0 7.3 10.9#

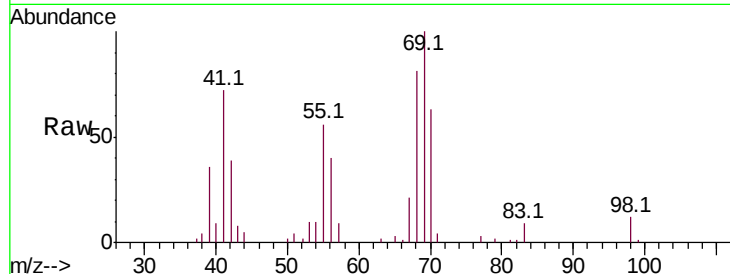




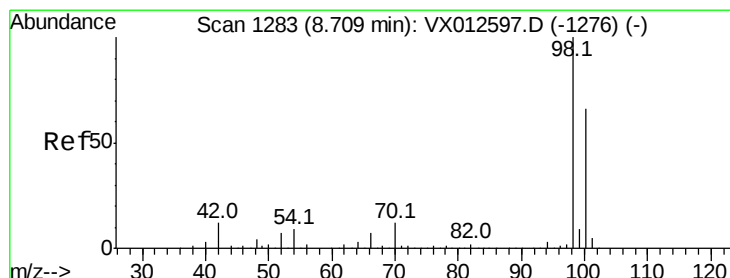
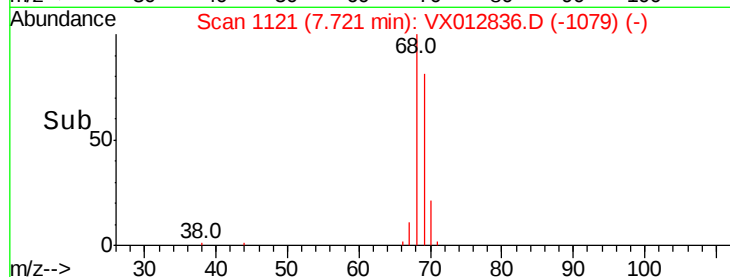
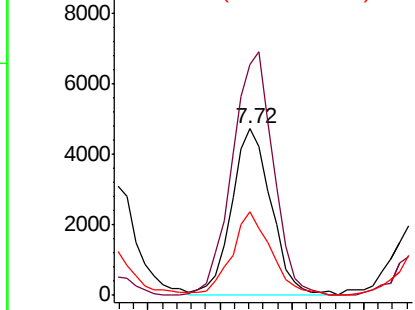
#48
Methvl methacrylate
Concen: 3.627 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. -0.04 min
Lab File: VX012836.D
Acq: 07 Oct 2019 14:26

Instrument :
MSVOA_X
ClientSampleId :
13933ME

Tot Ion: 41 Resp: 9115
Ion Ratio Lower Upper
41 100
69 150.0 59.9 89.9#
39 49.8 47.8 71.6

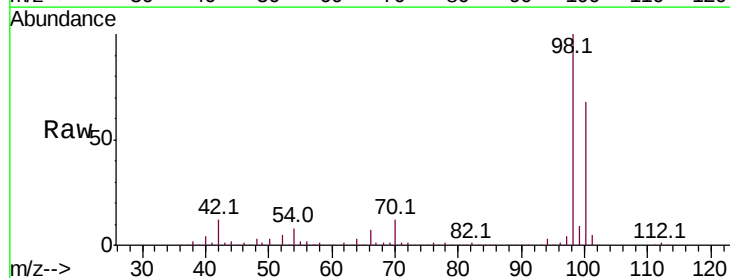


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

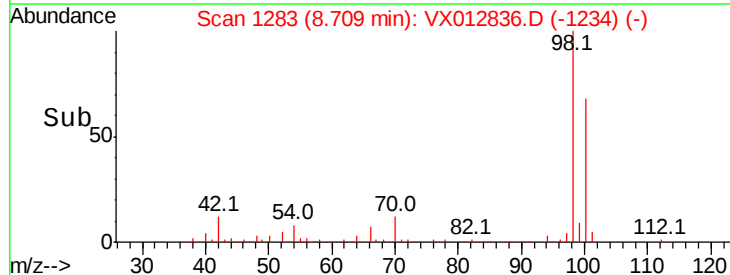
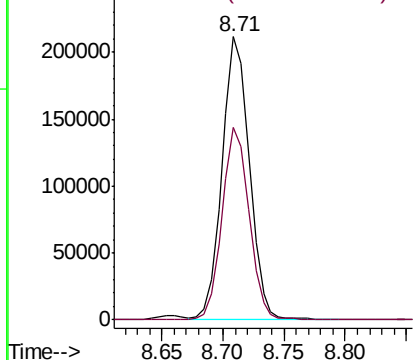


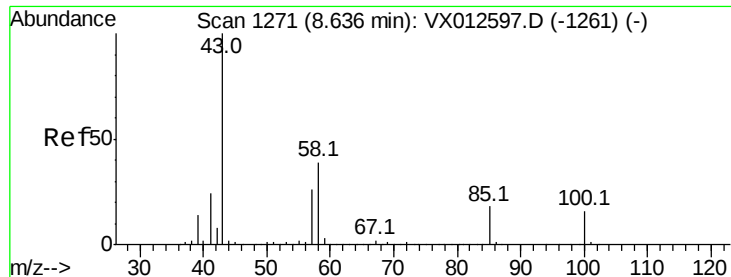
#50
Toluene-d8
Concen: 51.177 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012836.D
Acq: 07 Oct 2019 14:26

Tgt Ion: 98 Resp: 326421
Ion Ratio Lower Upper
98 100
100 67.0 53.4 80.2



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





#51

4-Methyl-2-Pentanone

Concen: 4.060 ug/l

RT: 8.65 min Scan# 1274

Delta R.T. 0.02 min

Lab File: VX012836.D

Acq: 07 Oct 2019 14:26

Instrument :

MSVOA_X

ClientSampleId :

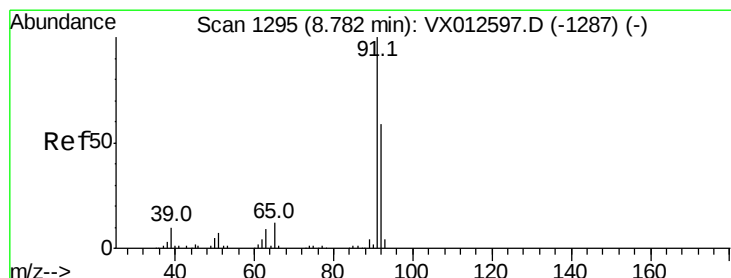
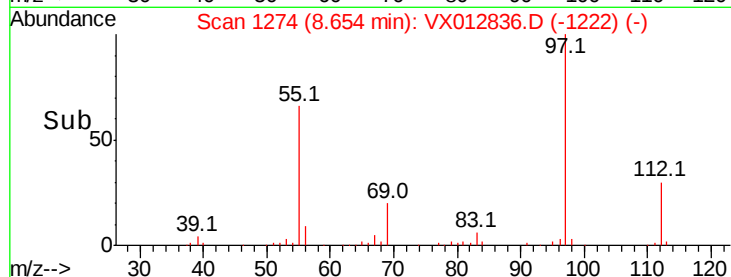
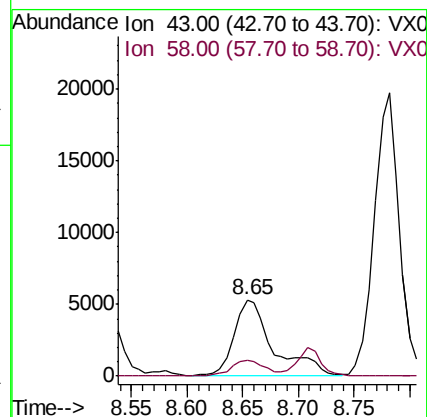
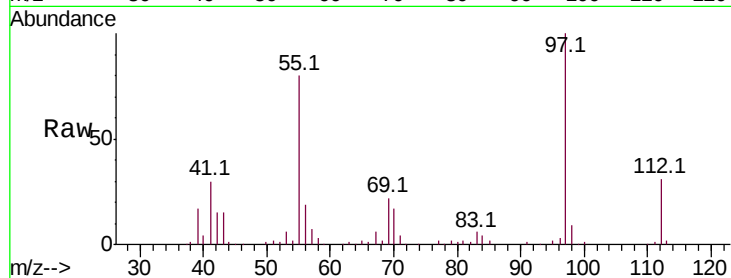
13933ME

Tot Ion: 43 Resp: 13134

Ion Ratio Lower Upper

43 100

58 18.0 29.8 44.6#



#52

Toluene

Concen: 479.879 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012836.D

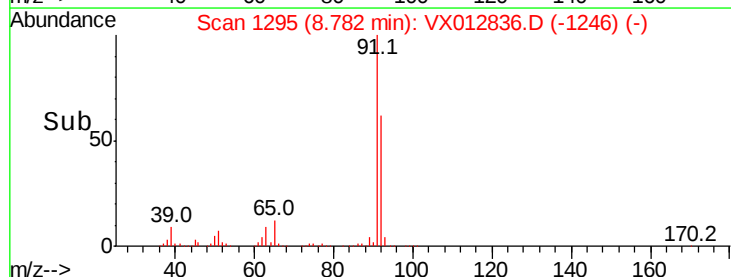
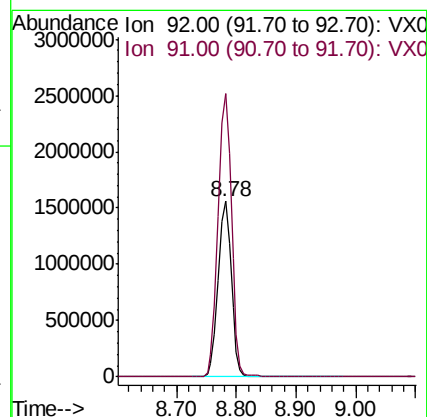
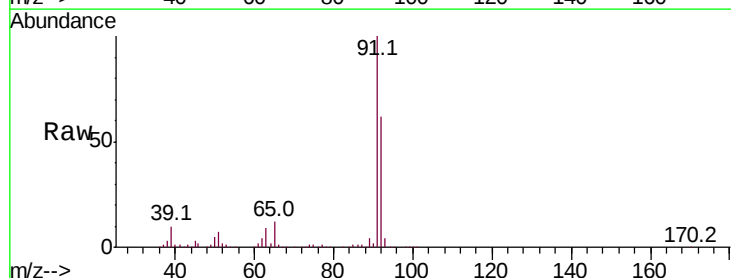
Acq: 07 Oct 2019 14:26

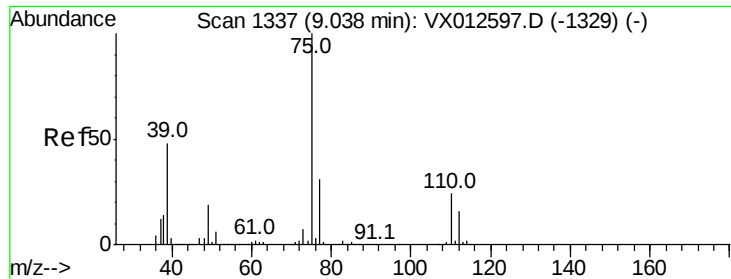
Tgt Ion: 92 Resp: 2378837

Ion Ratio Lower Upper

92 100

91 165.3 135.4 203.0





#53

t-1,3-Dichloropropene

Concen: 9.209 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.26 min

Lab File: VX012836.D

Acq: 07 Oct 2019 14:26

Instrument :

MSVOA_X

ClientSampleId :

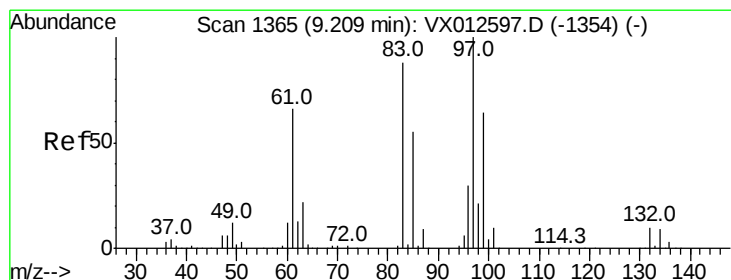
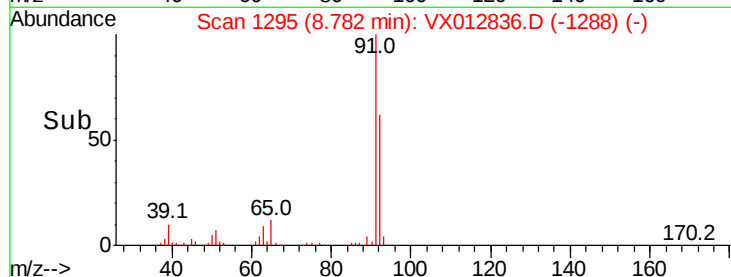
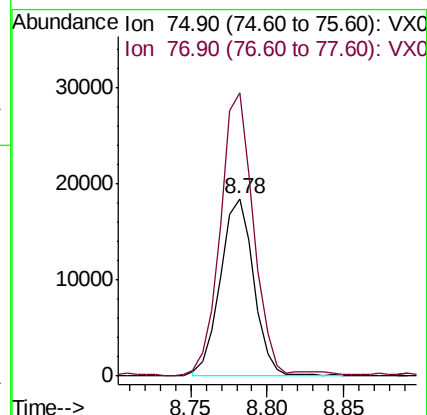
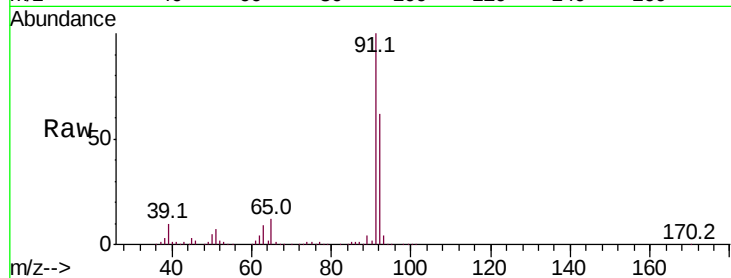
13933ME

Tot Ion: 75 Resp: 27997

Ion Ratio Lower Upper

75 100

77 158.6 25.2 37.8#



#55

1,1,2-Trichloroethane

Concen: 23.915 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.05 min

Lab File: VX012836.D

Acq: 07 Oct 2019 14:26

Tgt Ion: 97 Resp: 47133

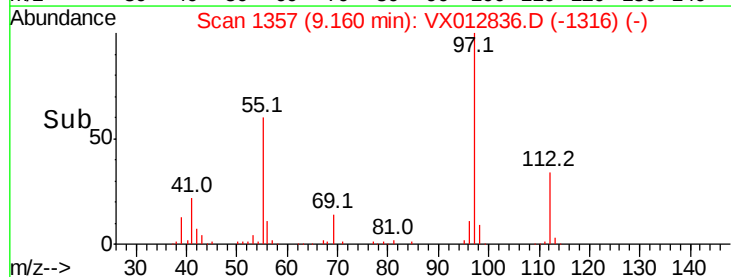
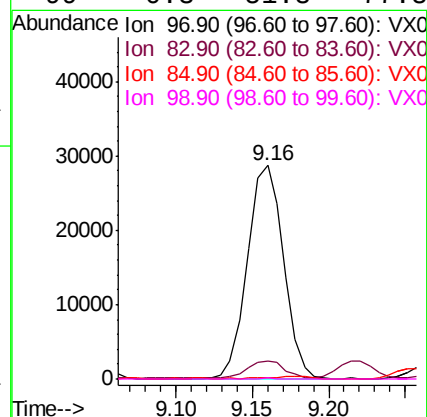
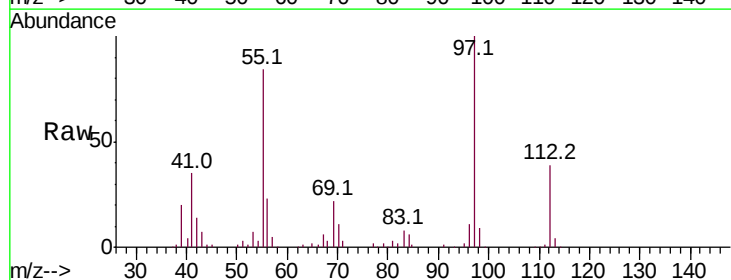
Ion Ratio Lower Upper

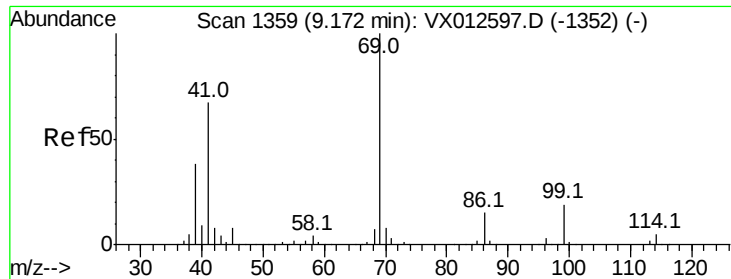
97 100

83 8.0 67.4 101.2#

85 0.7 43.5 65.3#

99 0.3 51.8 77.8#





#56

Ethyl methacrylate

Concen: 3.624 ug/l

RT: 9.15 min Scan# 1356

Delta R.T. -0.02 min

Lab File: VX012836.D

Acq: 07 Oct 2019 14:26

Instrument :

MSVOA_X

ClientSampled :

13933ME

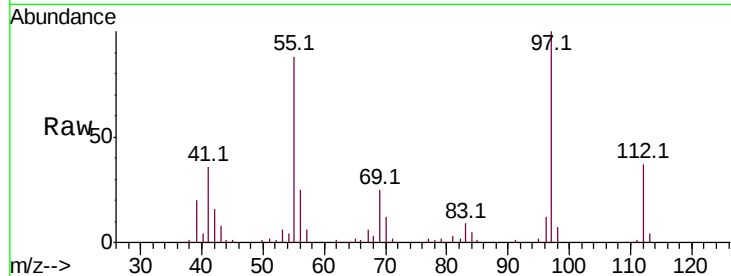
Tot Ion: 69 Resp: 11998

Ion Ratio Lower Upper

69 100

41 143.8 58.4 87.6#

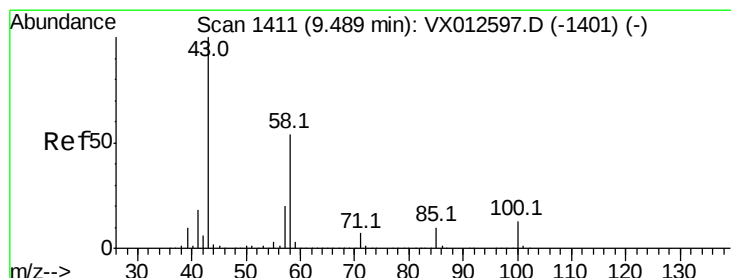
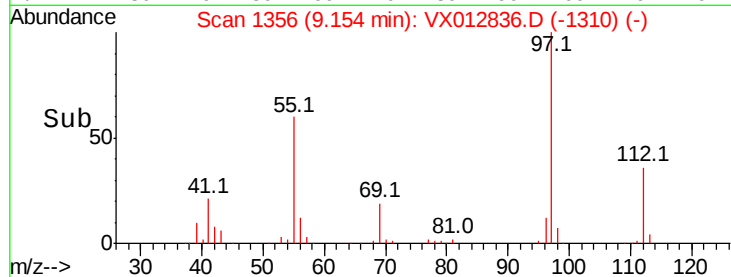
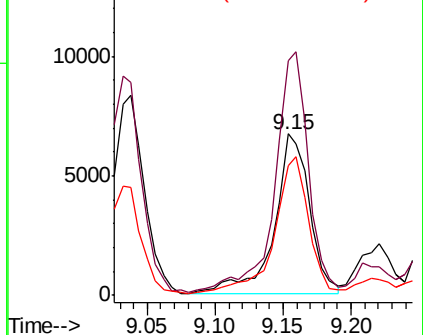
39 82.8 33.4 50.0#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#59

2-Hexanone

Concen: 20.241 ug/l

RT: 9.44 min Scan# 1403

Delta R.T. -0.05 min

Lab File: VX012836.D

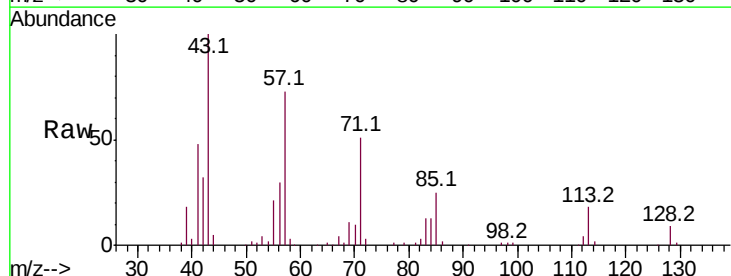
Acq: 07 Oct 2019 14:26

Tgt Ion: 43 Resp: 50123

Ion Ratio Lower Upper

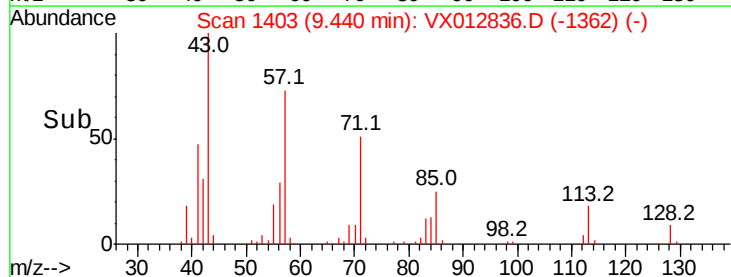
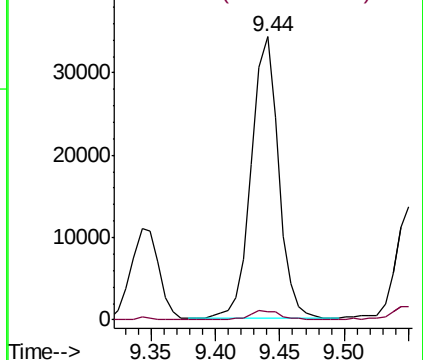
43 100

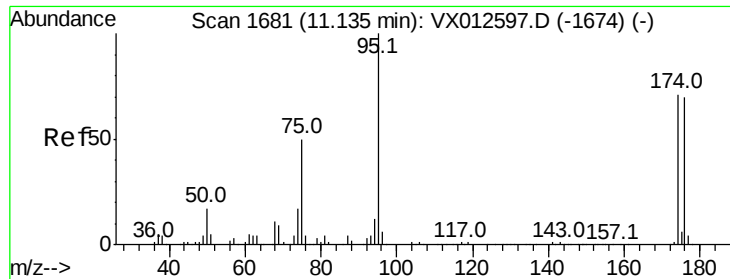
58 3.8 25.7 77.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 49.079 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012836.D

Acq: 07 Oct 2019 14:26

Instrument :

MSVOA_X

ClientSampleId :

13933ME

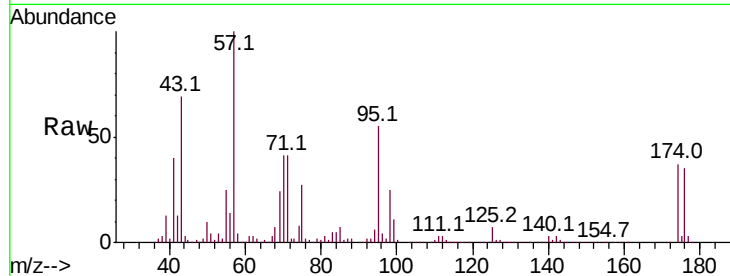
Tot Ion: 95 Resp: 123087

Ion Ratio Lower Upper

95 100

174 66.1 0.0 140.0

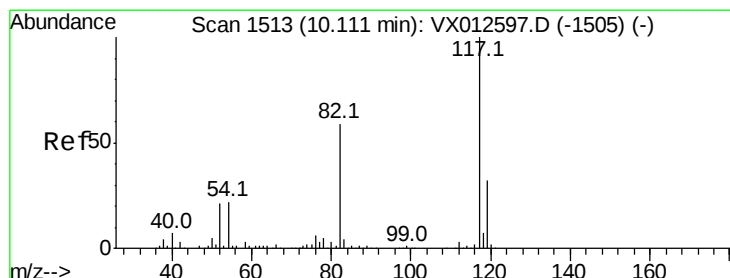
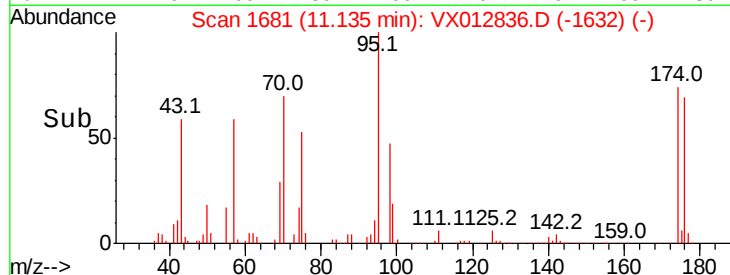
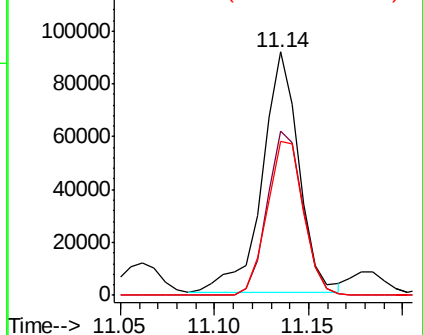
176 63.9 0.0 135.4



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012836.D

Acq: 07 Oct 2019 14:26

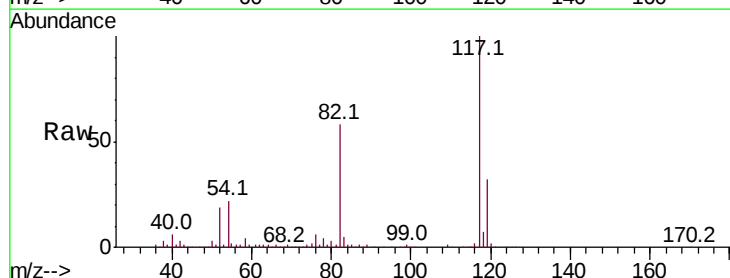
Tgt Ion: 117 Resp: 235265

Ion Ratio Lower Upper

117 100

82 56.4 45.9 68.9

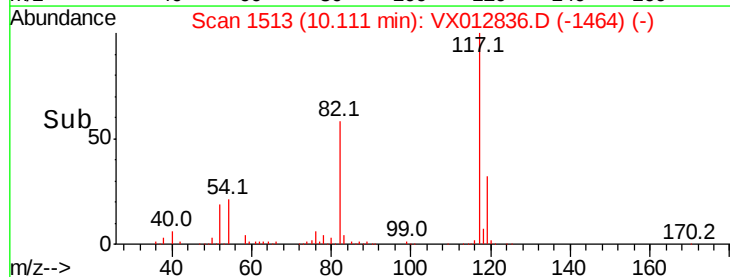
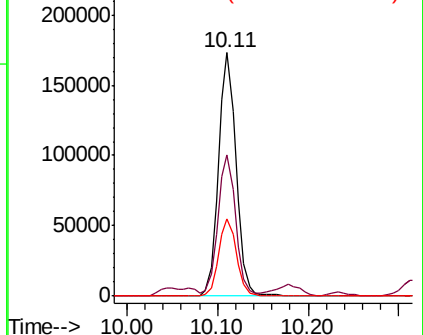
119 31.8 25.3 37.9

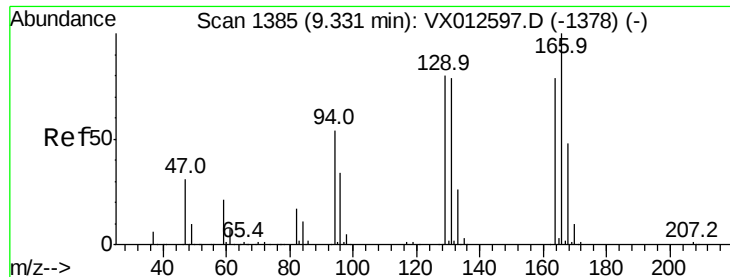


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 0.394 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX012836.D

Acq: 07 Oct 2019 14:26

Instrument :

MSVOA_X

ClientSampleId :

13933ME

Tot Ion:164 Resp: 646

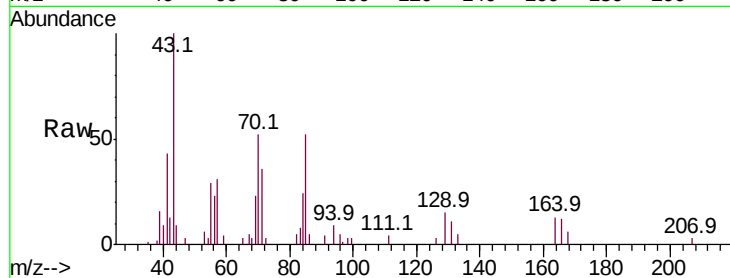
Ion Ratio Lower Upper

164 100

166 92.4 107.8 161.6#

129 109.2 86.2 129.2

131 79.2 80.4 120.6#

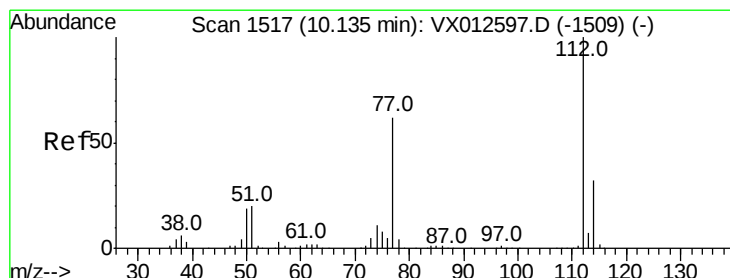
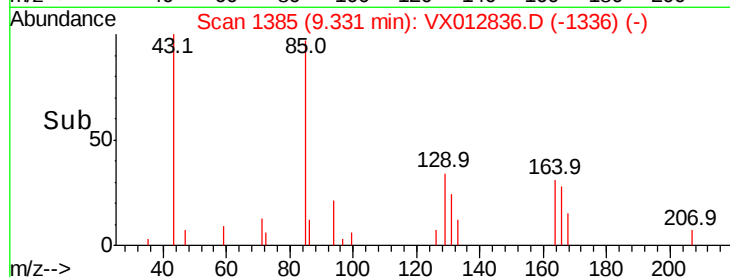
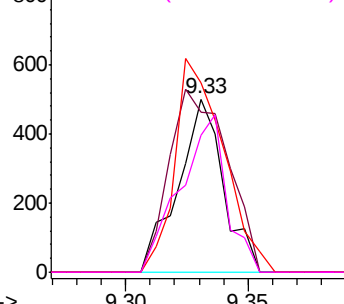


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 0.276 ug/l

RT: 10.07 min Scan# 1506

Delta R.T. -0.07 min

Lab File: VX012836.D

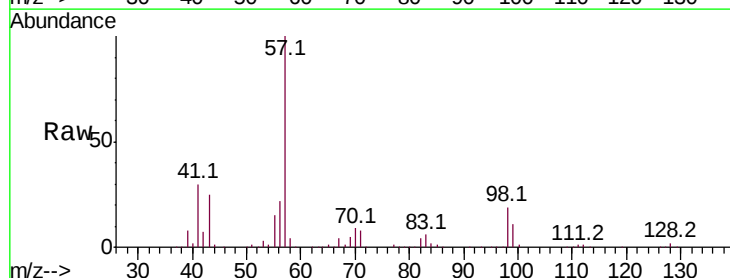
Acq: 07 Oct 2019 14:26

Tgt Ion:112 Resp: 1368

Ion Ratio Lower Upper

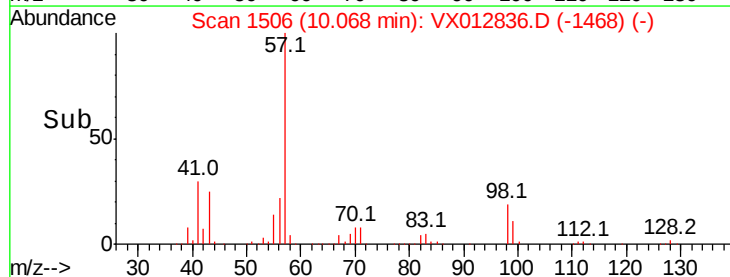
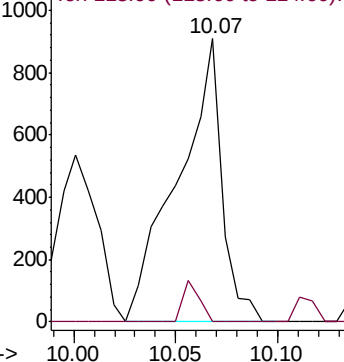
112 100

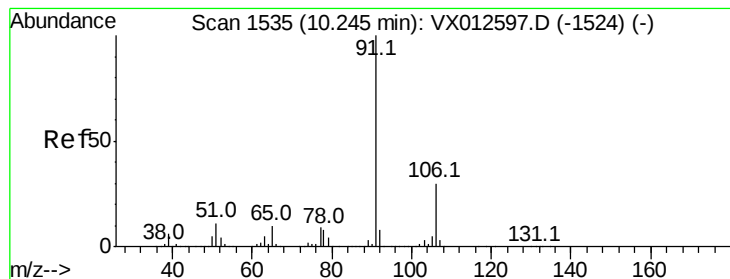
114 0.0 25.4 38.0#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#67

Ethyl Benzene

Concen: 30.453 ug/l

RT: 10.25 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VX012836.D

Acq: 07 Oct 2019 14:26

Instrument :

MSVOA_X

ClientSampleId :

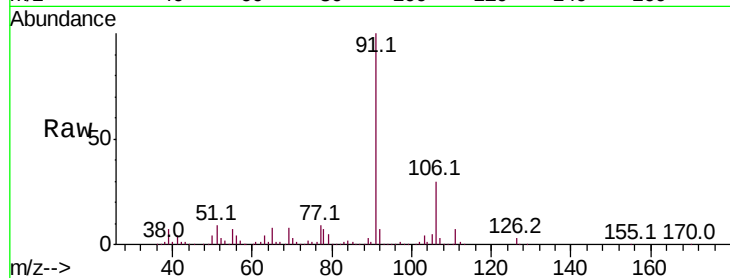
13933ME

Tot Ion: 91 Resp: 273635

Ion Ratio Lower Upper

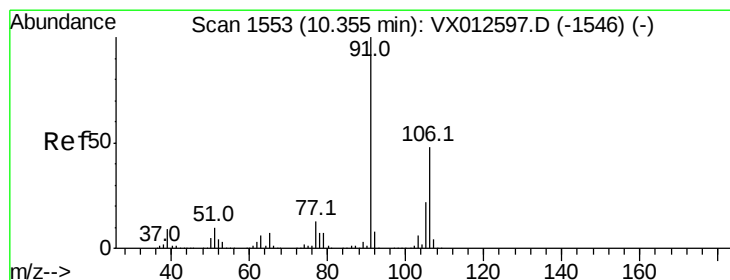
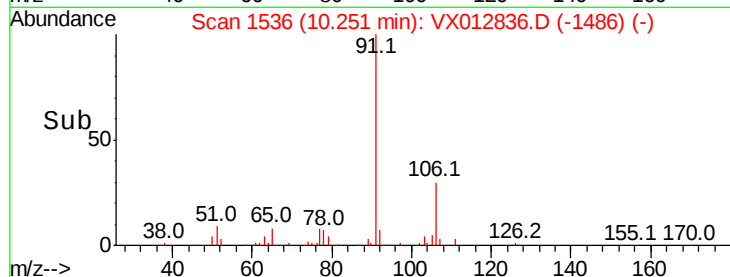
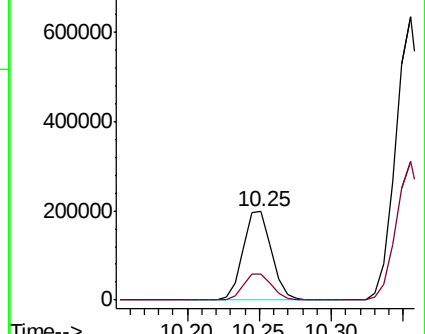
91 100

106 29.9 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 121.268 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX012836.D

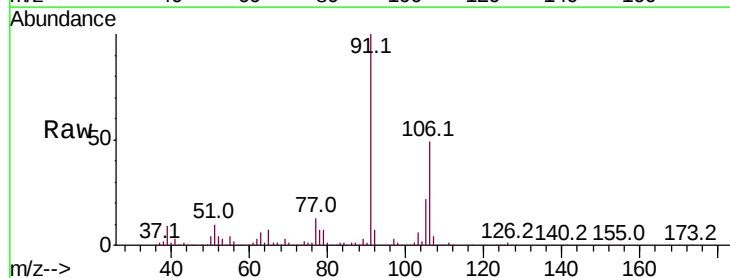
Acq: 07 Oct 2019 14:26

Tgt Ion:106 Resp: 408192

Ion Ratio Lower Upper

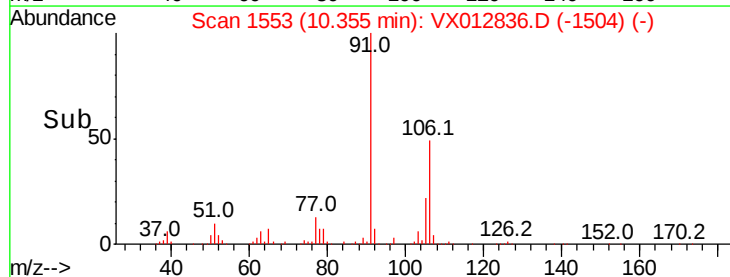
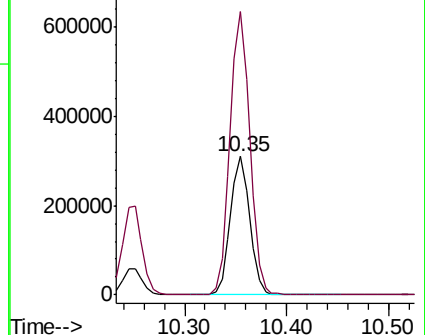
106 100

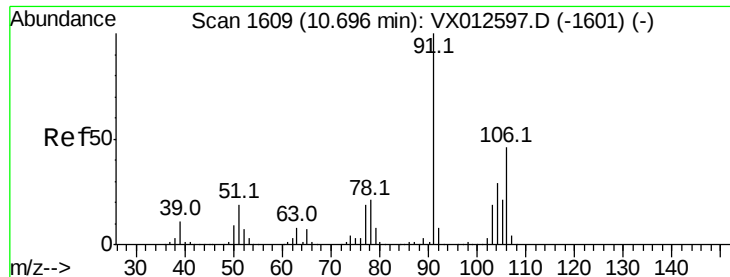
91 208.4 166.6 250.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

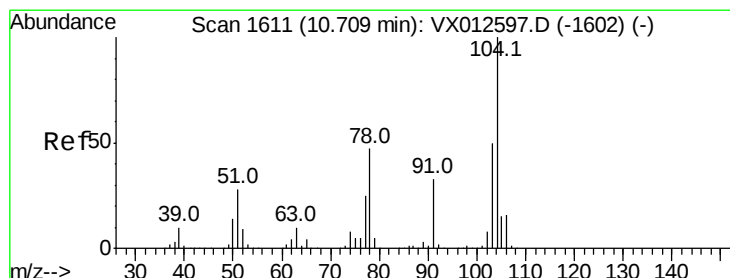
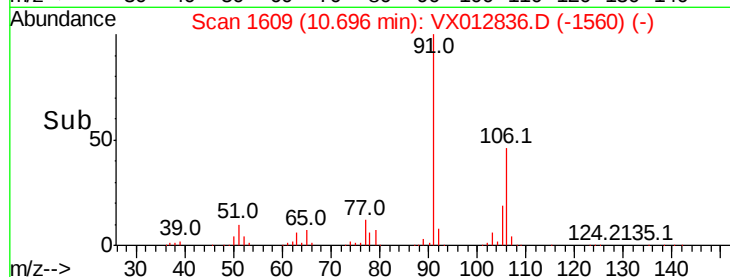
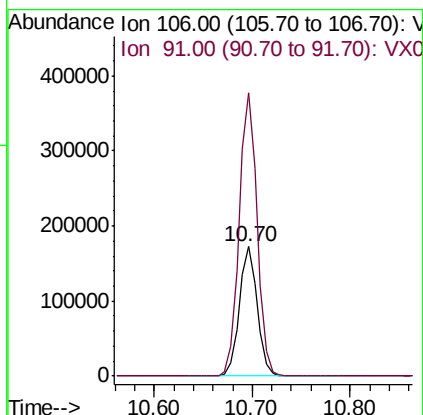
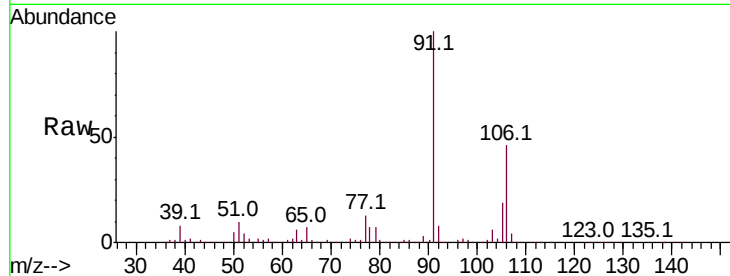




#69
o-Xylene
Concen: 66.637 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012836.D
Acq: 07 Oct 2019 14:26

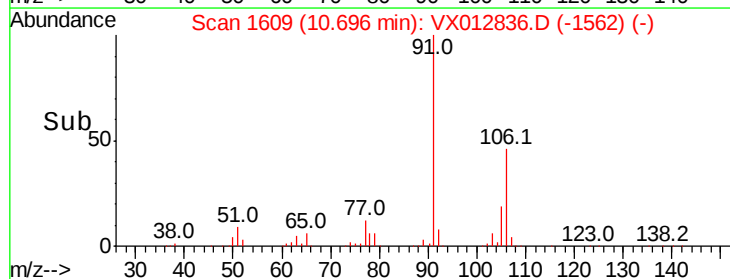
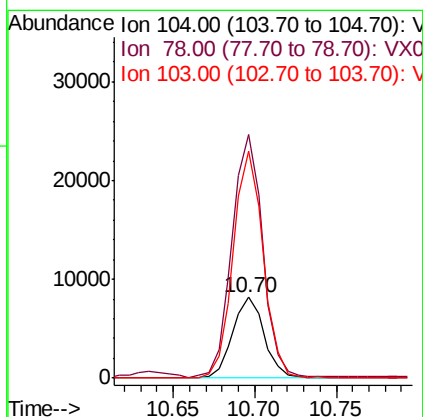
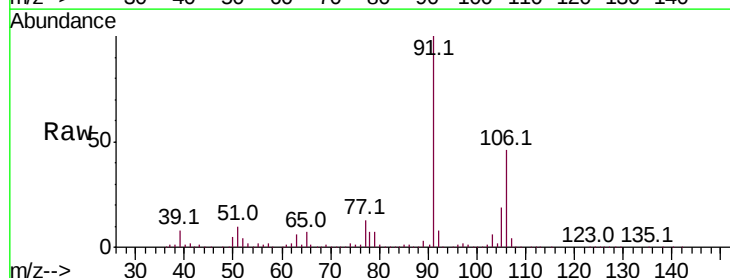
Instrument :
MSVOA_X
ClientSampled :
13933ME

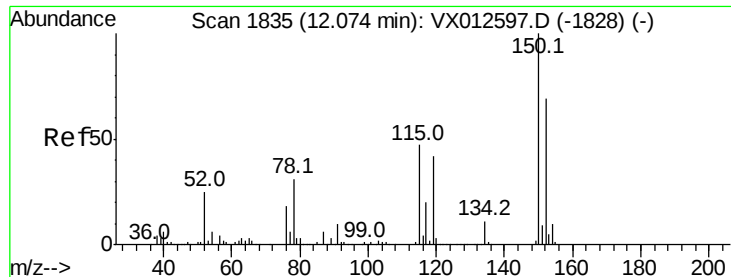
Tot Ion:106 Resp: 217038
Ion Ratio Lower Upper
106 100
91 220.1 109.4 328.2



#70
Styrene
Concen: 2.021 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.01 min
Lab File: VX012836.D
Acq: 07 Oct 2019 14:26

Tgt Ion:104 Resp: 11033
Ion Ratio Lower Upper
104 100
78 292.4 43.4 65.2#
103 265.2 43.3 64.9#



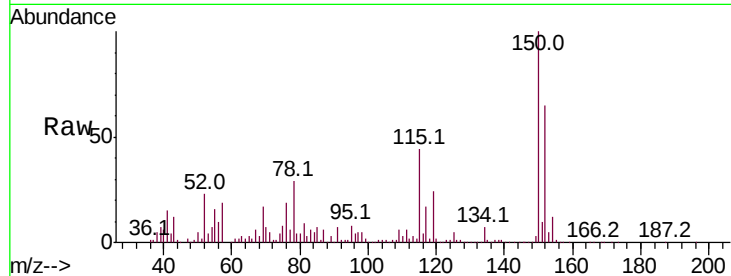


#72

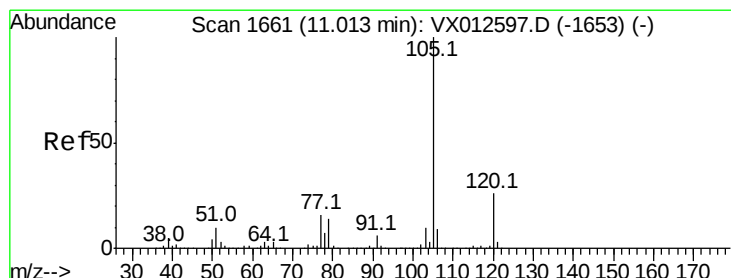
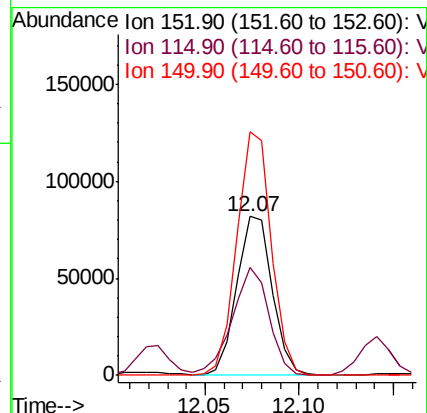
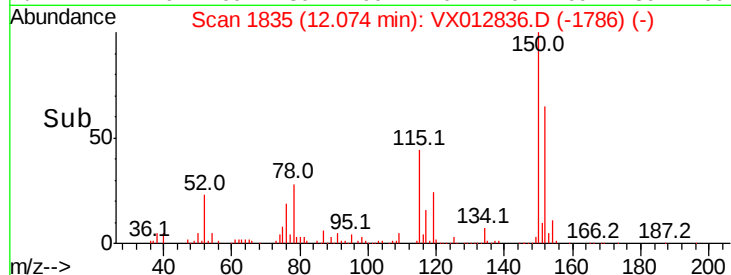
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012836.D
Acq: 07 Oct 2019 14:26

Instrument :
MSVOA_X
ClientSampleId :
13933ME

Tot Ion	Ratio	Lower	Upper
152	100		
115	68.9	44.1	132.3
150	148.5	0.0	343.8



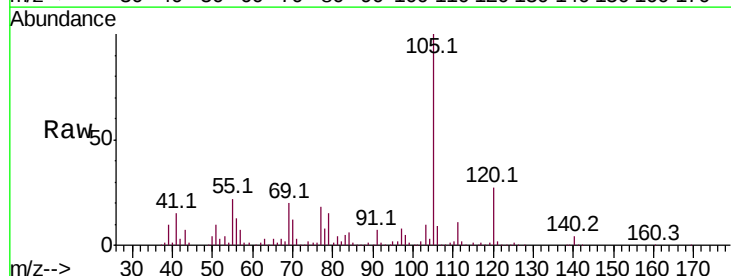
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



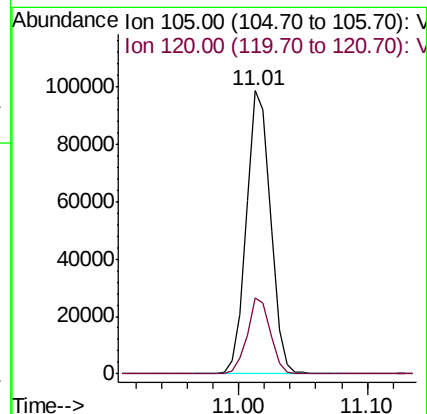
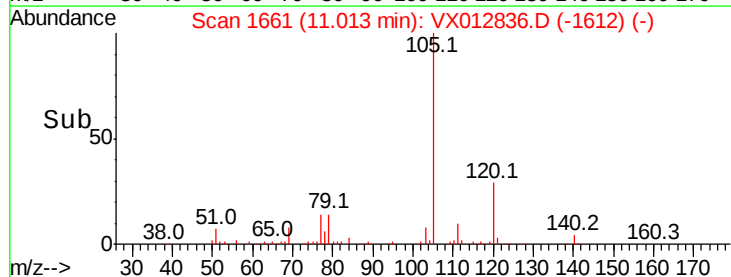
#73

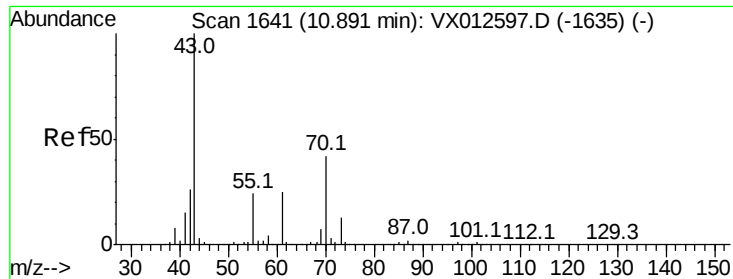
Isopropylbenzene
Concen: 14.567 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX012836.D
Acq: 07 Oct 2019 14:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.5	12.9	38.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 15.070 ug/l

RT: 10.91 min Scan# 1644

Delta R.T. 0.02 min

Lab File: VX012836.D

Acq: 07 Oct 2019 14:26

Instrument :

MSVOA_X

ClientSampled :

13933ME

Tot Ion: 43 Resp: 62742

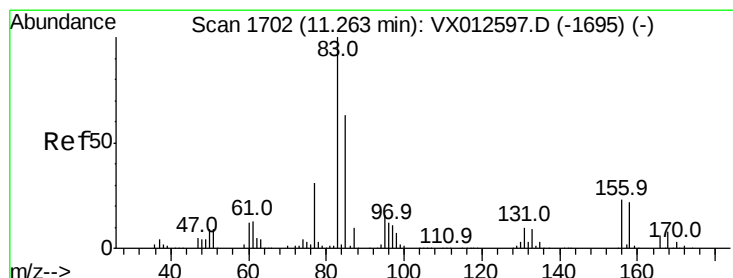
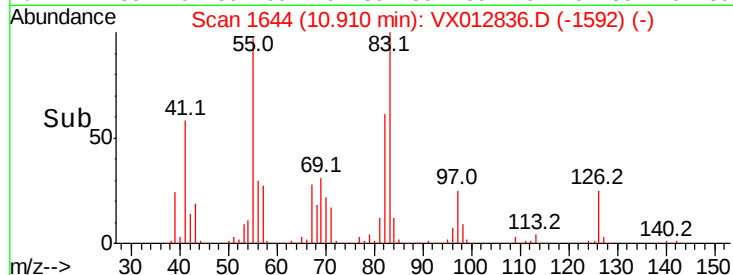
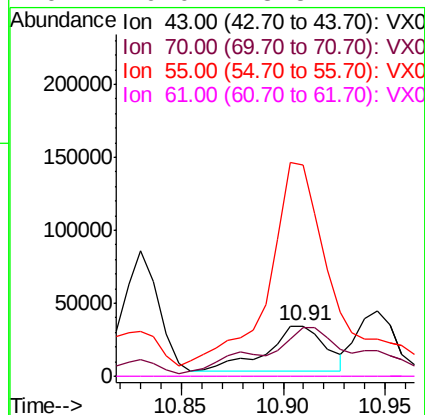
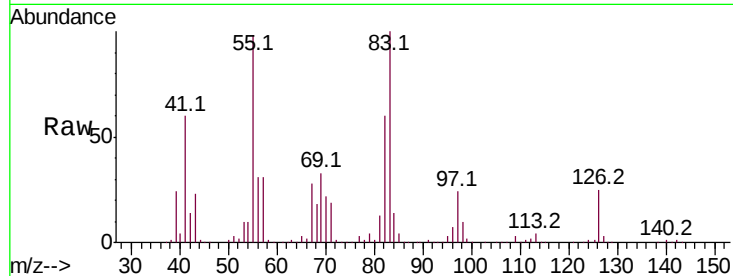
Ion Ratio Lower Upper

43 100

70 127.4 32.4 48.6#

55 463.1 18.2 27.4#

61 0.0 18.5 27.7#



#75

1,1,2,2-Tetrachloroethane

Concen: 13.759 ug/l

RT: 11.27 min Scan# 1703

Delta R.T. 0.01 min

Lab File: VX012836.D

Acq: 07 Oct 2019 14:26

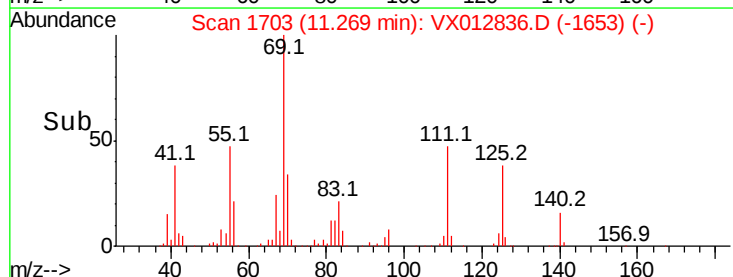
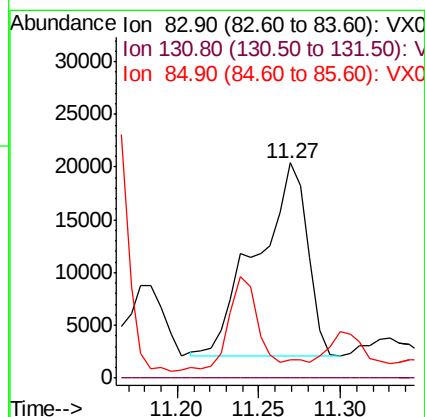
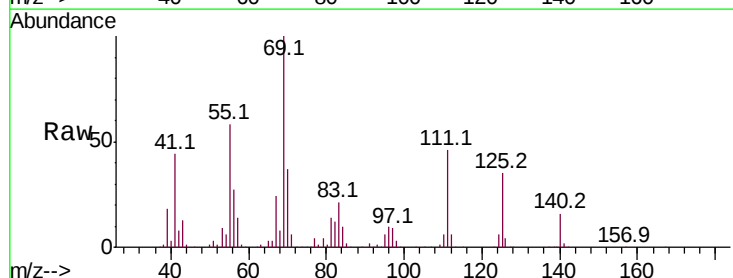
Tgt Ion: 83 Resp: 39768

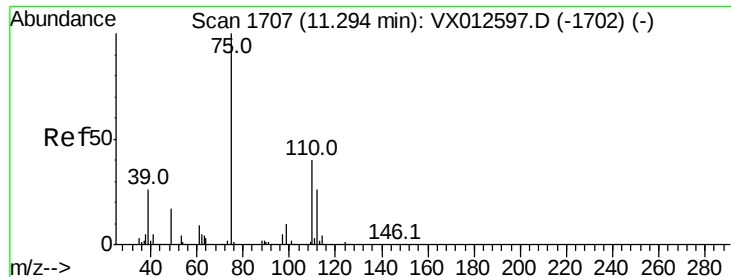
Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

85 0.0 32.0 96.0#



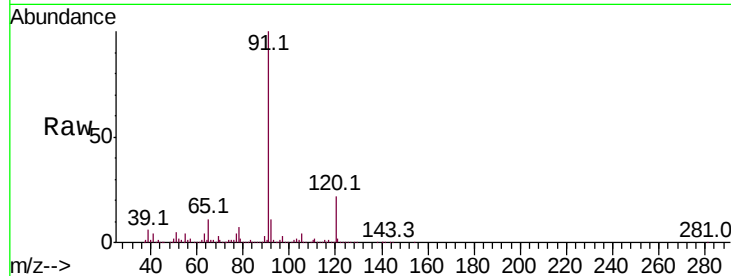


#76

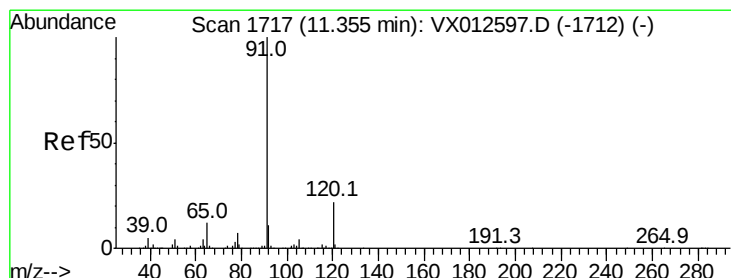
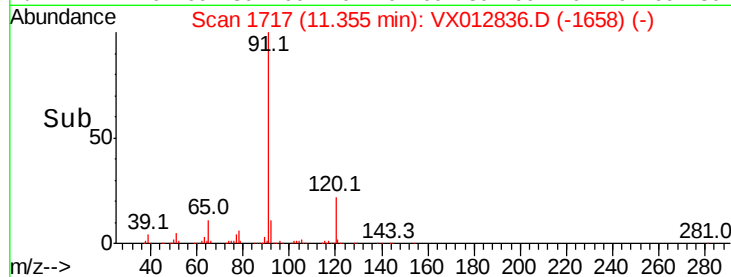
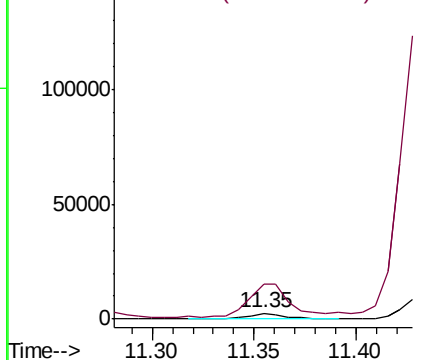
1,2,3-Trichloropropane
Concen: 1.117 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.06 min
Lab File: VX012836.D
Acq: 07 Oct 2019 14:26

Instrument :
MSVOA_X
ClientSampled :
13933ME

Tot Ion: 75 Resp: 3165
Ion Ratio Lower Upper
75 100
77 657.0 19.7 59.0#



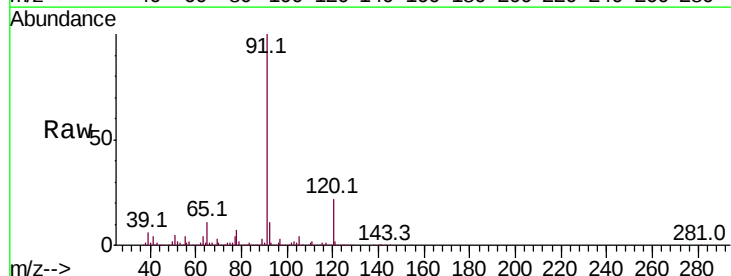
Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0



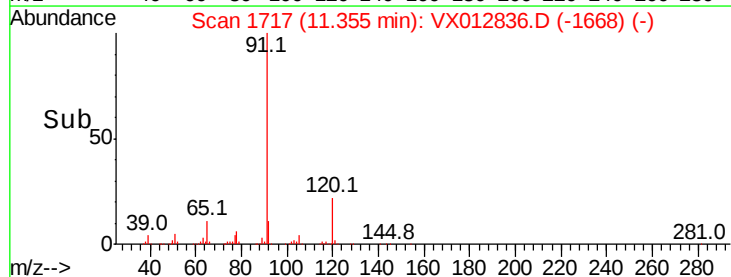
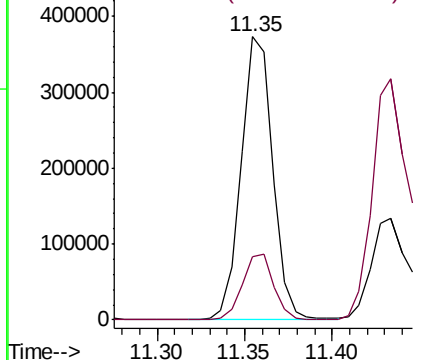
#78

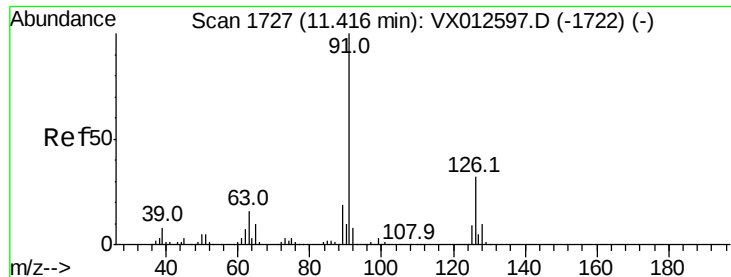
n-propylbenzene
Concen: 47.433 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX012836.D
Acq: 07 Oct 2019 14:26

Tgt Ion: 91 Resp: 466035
Ion Ratio Lower Upper
91 100
120 23.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 37.257 ug/l

RT: 11.43 min Scan# 1730

Delta R.T. 0.02 min

Lab File: VX012836.D

Acq: 07 Oct 2019 14:26

Instrument :

MSVOA_X

ClientSampleId :

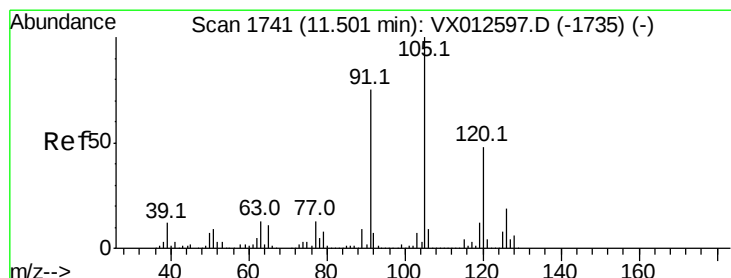
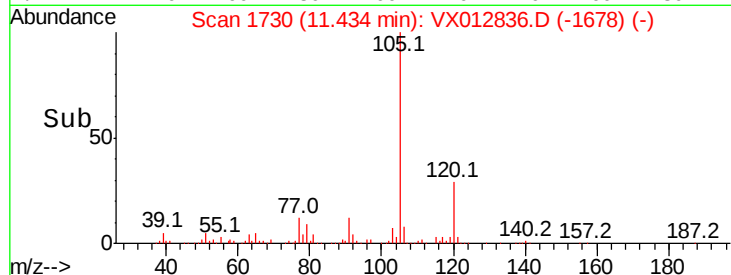
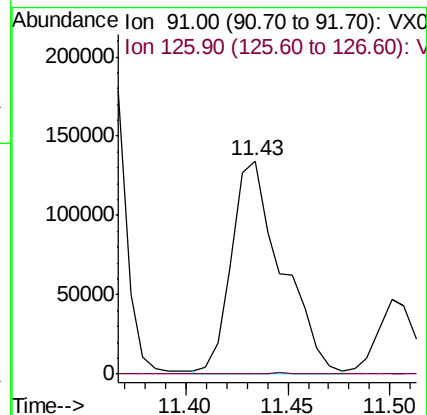
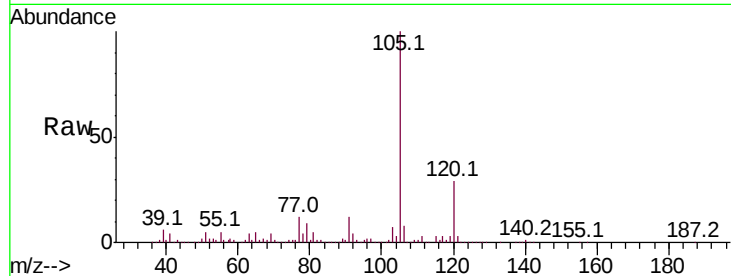
13933ME

Tot Ion: 91 Resp: 228354

Ion Ratio Lower Upper

91 100

126 0.5 16.4 49.4#



#80

1,3,5-Trimethylbenzene

Concen: 70.088 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX012836.D

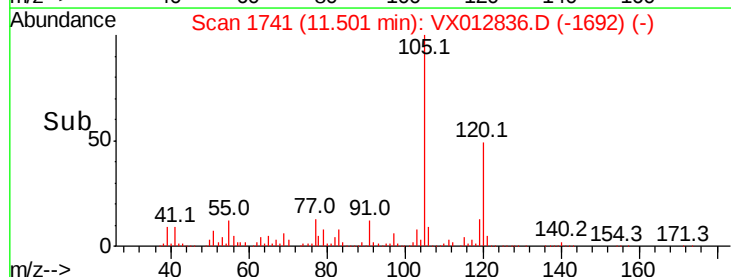
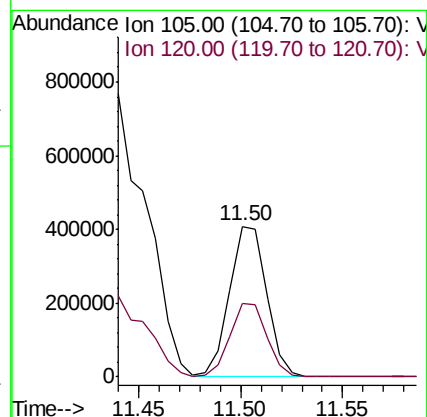
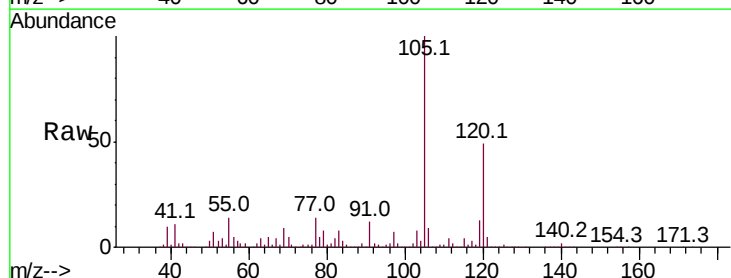
Acq: 07 Oct 2019 14:26

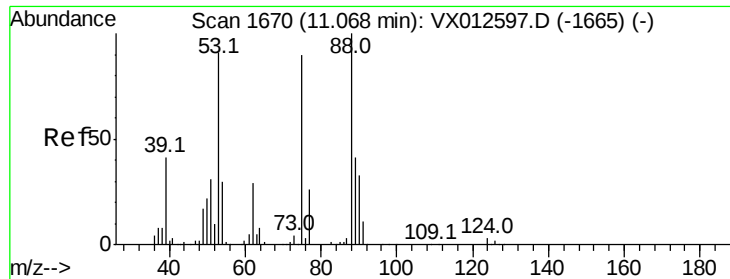
Tgt Ion: 105 Resp: 512931

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 56.783 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012836.D

Acq: 07 Oct 2019 14:26

Instrument :

MSVOA_X

ClientSampleId :

13933ME

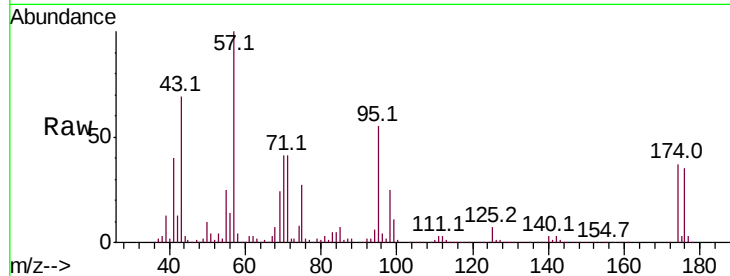
Tot Ion: 75 Resp: 56161

Ion Ratio Lower Upper

75 100

53 16.2 83.6 125.4#

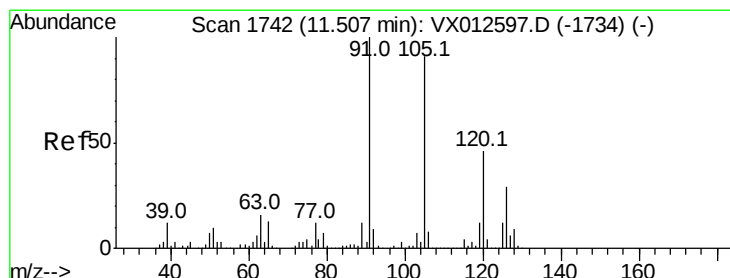
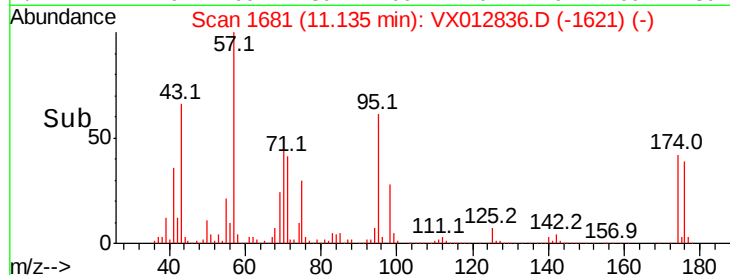
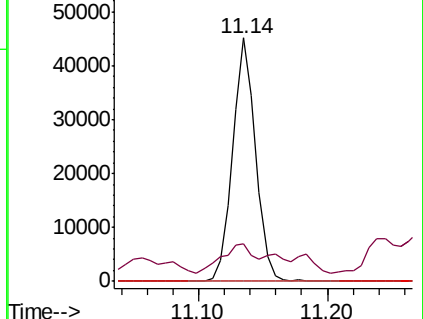
89 0.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 8.601 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX012836.D

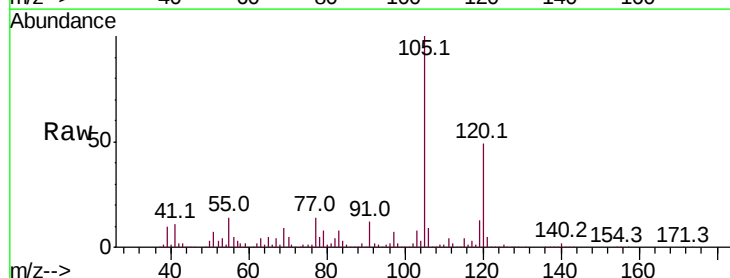
Acq: 07 Oct 2019 14:26

Tgt Ion: 91 Resp: 60095

Ion Ratio Lower Upper

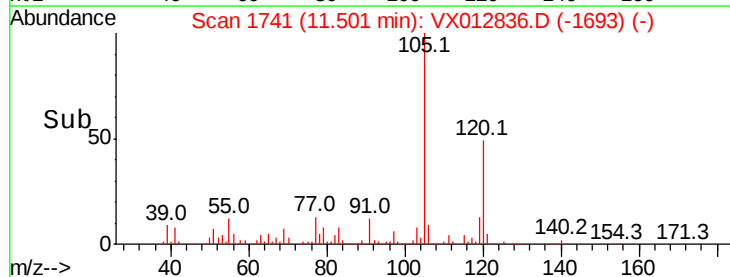
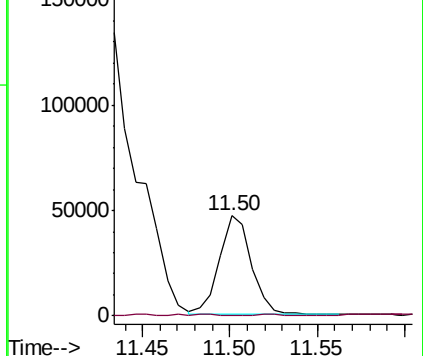
91 100

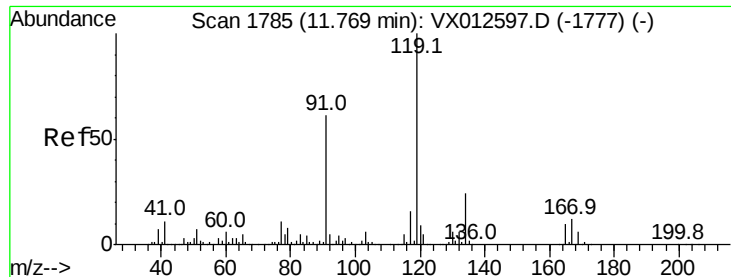
126 0.9 14.4 43.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

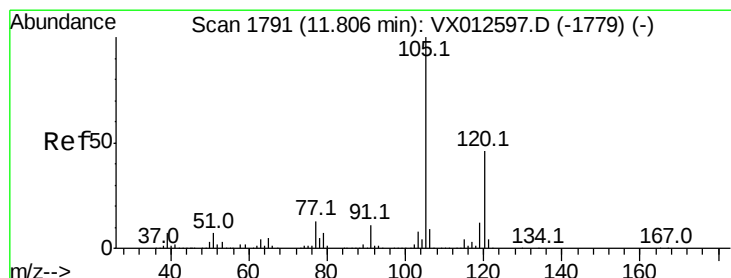
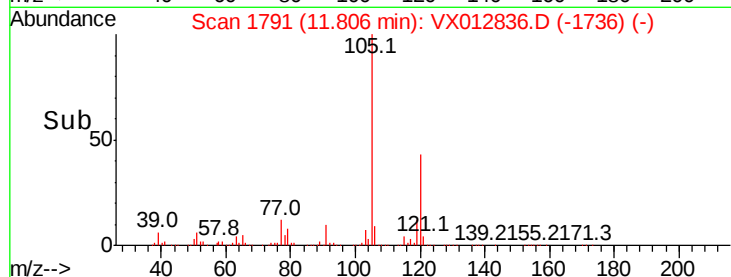
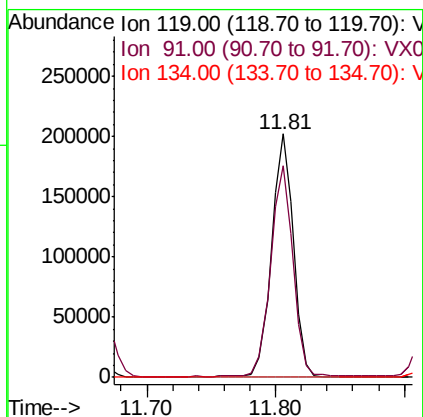
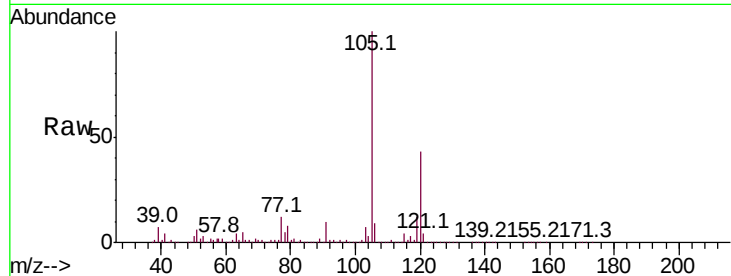




#83
tert-Butylbenzene
Concen: 33.864 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.04 min
Lab File: VX012836.D
Acq: 07 Oct 2019 14:26

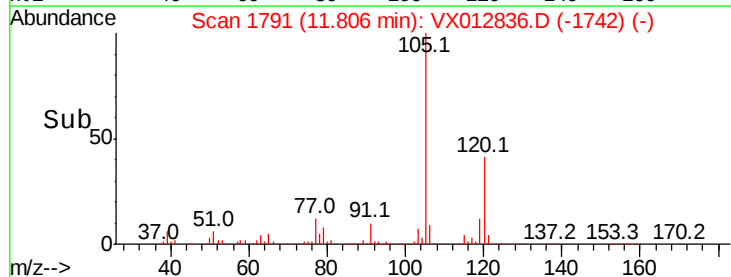
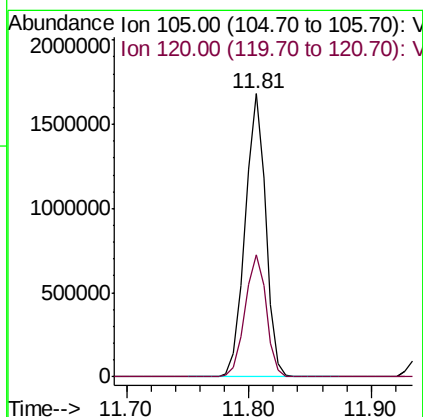
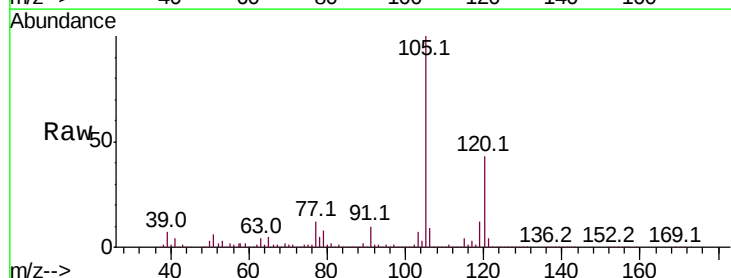
Instrument :
MSVOA_X
ClientSampled :
13933ME

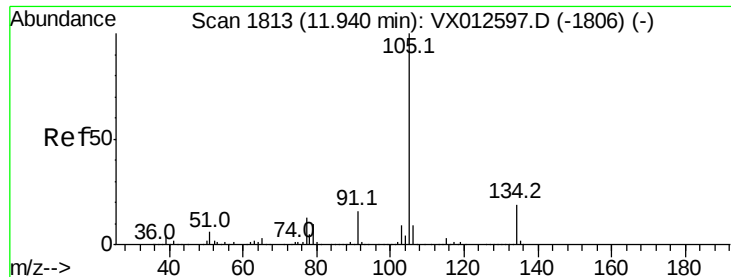
Tot Ion:119 Resp: 239066
Ion Ratio Lower Upper
119 100
91 89.6 30.0 90.0
134 0.0 11.3 33.9#



#84
1,2,4-Trimethylbenzene
Concen: 264.076 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX012836.D
Acq: 07 Oct 2019 14:26

Tgt Ion:105 Resp: 1949578
Ion Ratio Lower Upper
105 100
120 44.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 27.694 ug/l

RT: 11.95 min Scan# 1814

Delta R.T. 0.01 min

Lab File: VX012836.D

Acq: 07 Oct 2019 14:26

Instrument :

MSVOA_X

ClientSampleId :

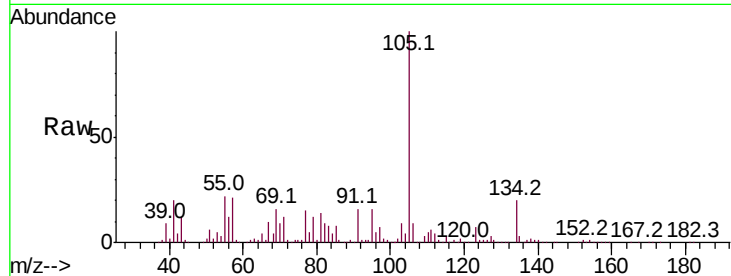
13933ME

Tot Ion:105 Resp: 227400

Ion Ratio Lower Upper

105 100

134 25.4 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

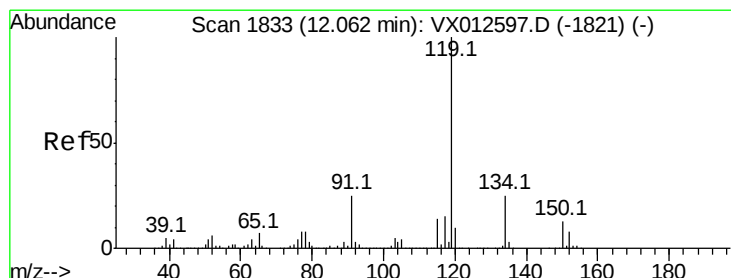
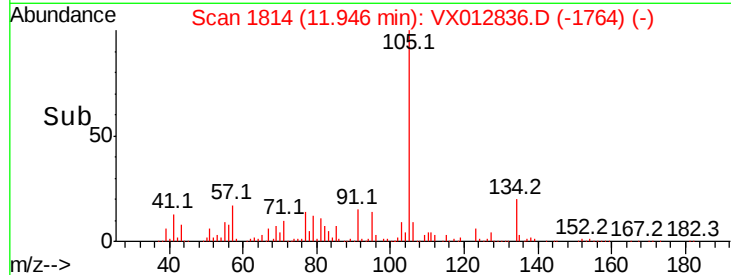
100000

50000

0

11.85 11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 17.714 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012836.D

Acq: 07 Oct 2019 14:26

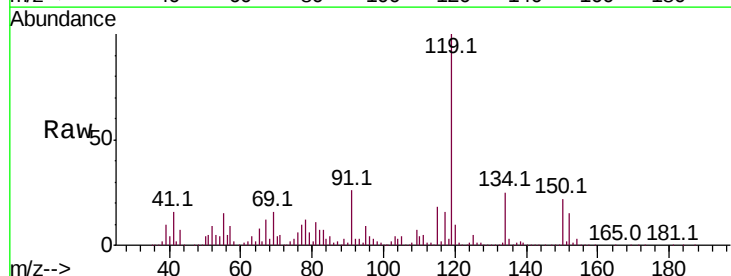
Tgt Ion:119 Resp: 131240

Ion Ratio Lower Upper

119 100

134 24.8 12.7 38.1

91 24.9 12.8 38.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

150000

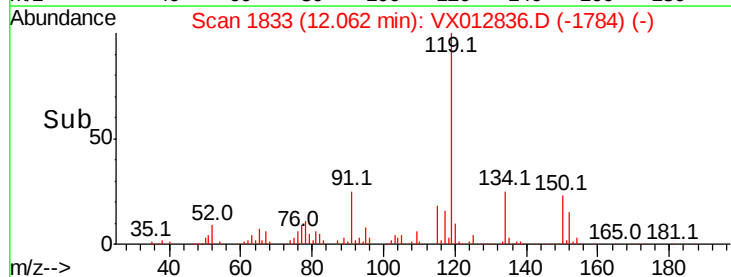
100000

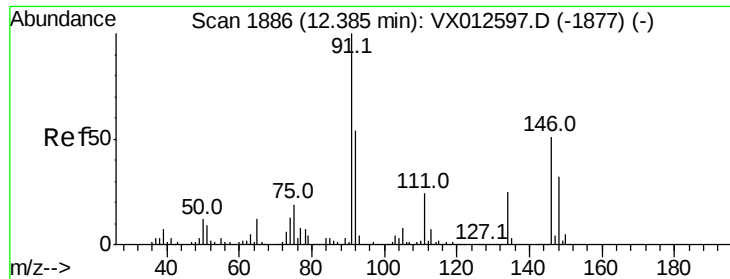
50000

0

12.05 12.06 12.10

Time-->

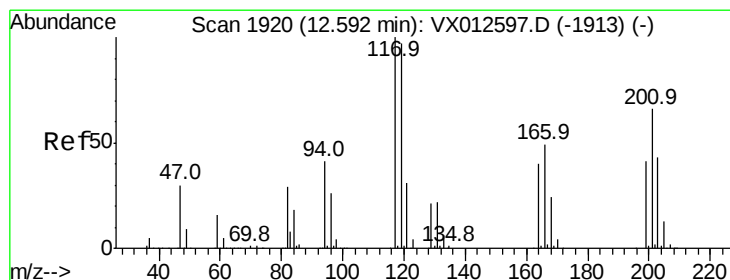
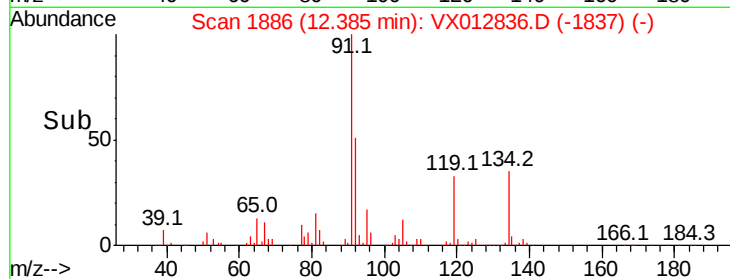
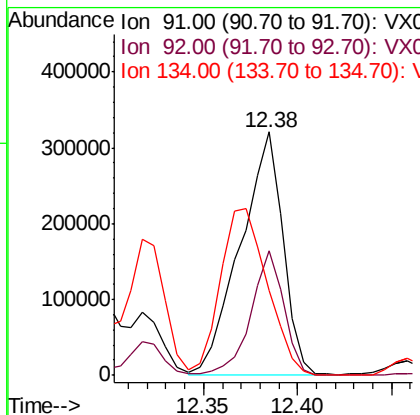
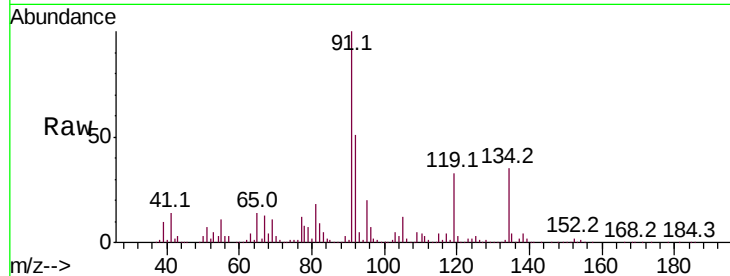




#89
n-Butylbenzene
Concen: 76.455 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012836.D
Acq: 07 Oct 2019 14:26

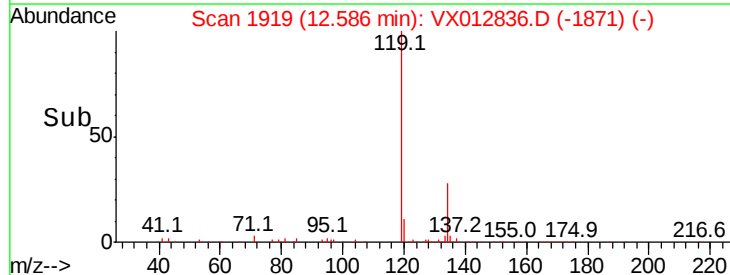
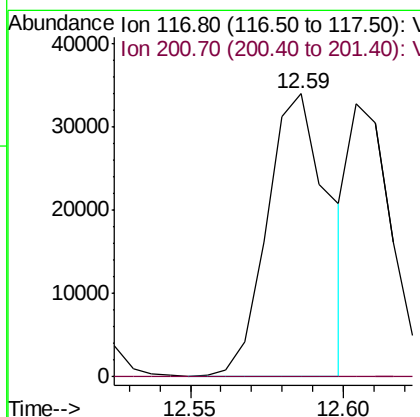
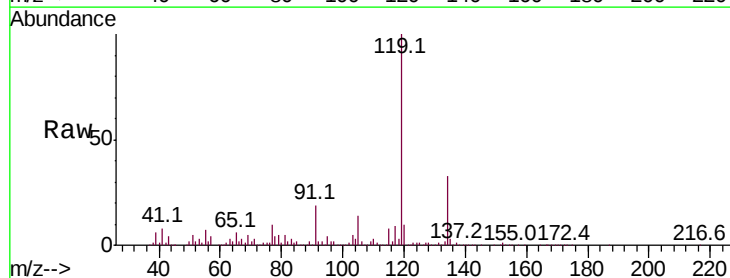
Instrument :
MSVOA_X
ClientSampled :
13933ME

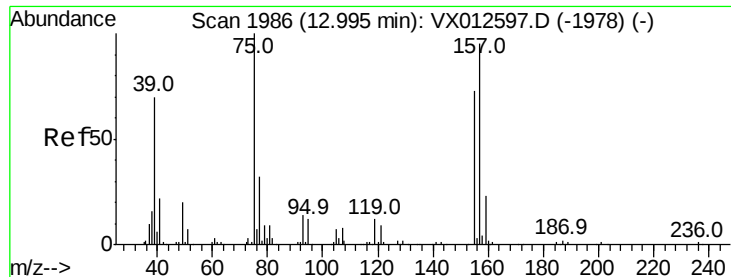
Tot Ion: 91 Resp: 499151
Ion Ratio Lower Upper
91 100
92 40.1 27.7 83.0
134 75.8 12.9 38.6#



#90
Hexachloroethane
Concen: 35.928 ug/l
RT: 12.59 min Scan# 1919
Delta R.T. -0.01 min
Lab File: VX012836.D
Acq: 07 Oct 2019 14:26

Tgt Ion: 117 Resp: 47456
Ion Ratio Lower Upper
117 100
201 0.0 33.3 99.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 4.267 ug/l

RT: 12.98 min Scan# 1983

Delta R.T. -0.02 min

Lab File: VX012836.D

Acq: 07 Oct 2019 14:26

Instrument :

MSVOA_X

ClientSampled :

13933ME

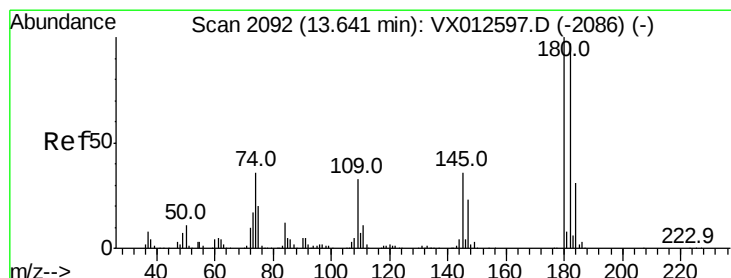
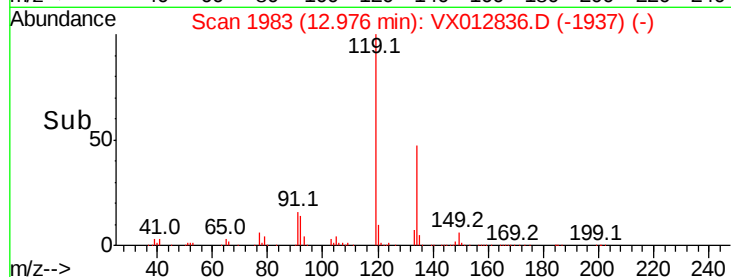
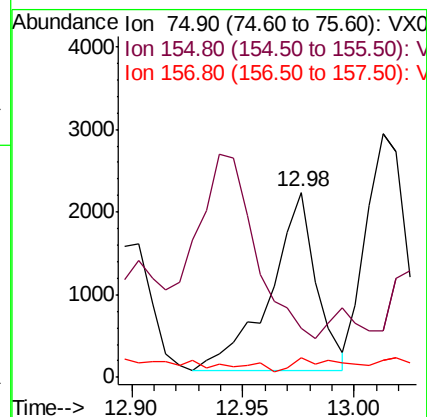
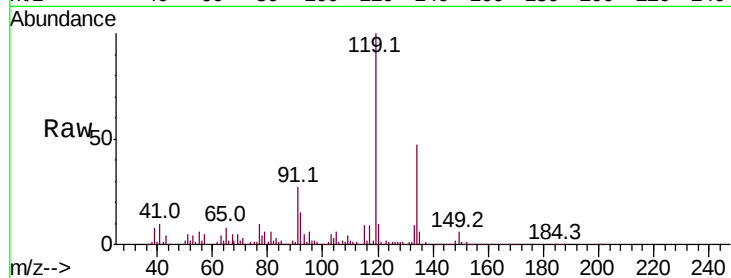
Tot Ion: 75 Resp: 3085

Ion Ratio Lower Upper

75 100

155 17.1 38.6 115.8#

157 8.9 50.6 151.9#



#93

1,2,4-Trichlorobenzene

Concen: 0.228 ug/l

RT: 13.63 min Scan# 2091

Delta R.T. -0.01 min

Lab File: VX012836.D

Acq: 07 Oct 2019 14:26

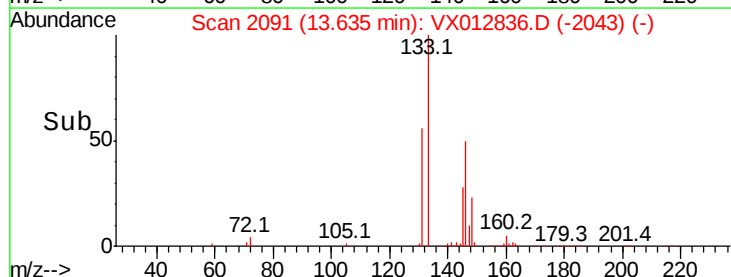
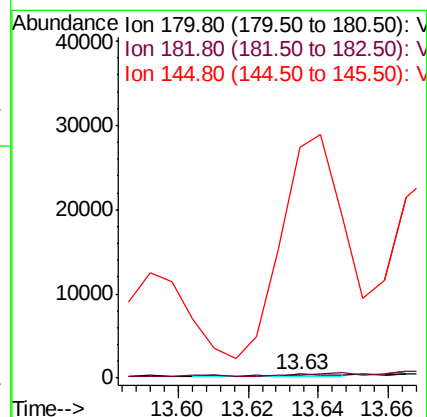
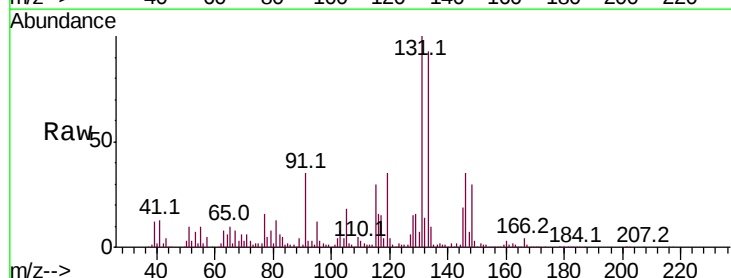
Tgt Ion:180 Resp: 495

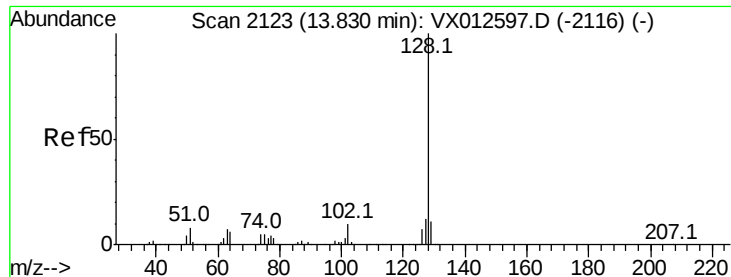
Ion Ratio Lower Upper

180 100

182 82.4 47.0 141.0

145 6789.9 16.8 50.4#

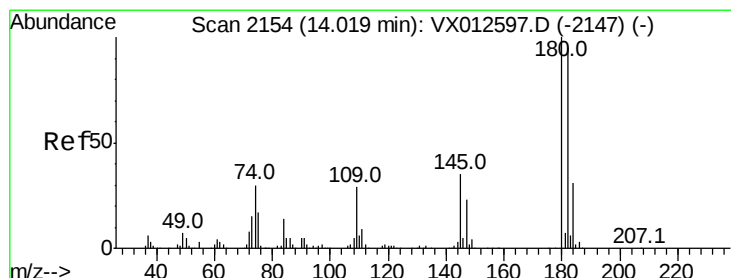
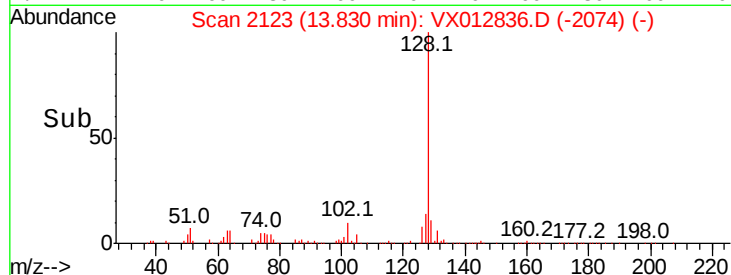
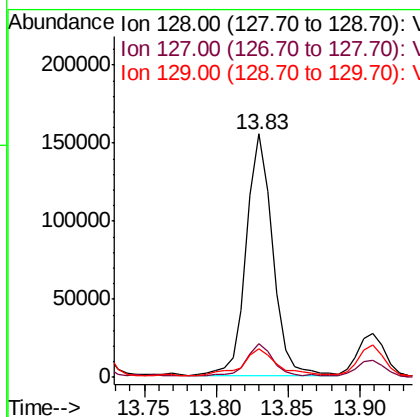
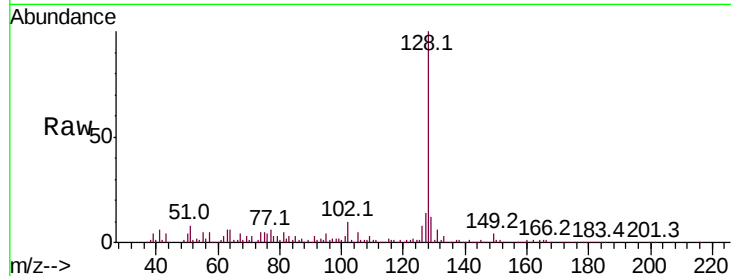




#95
Naphthalene
Concen: 24.934 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012836.D
Acq: 07 Oct 2019 14:26

Instrument :
MSVOA_X
ClientSampleId :
13933ME

Tot Ion:128 Resp: 195786
Ion Ratio Lower Upper
128 100
127 13.9 10.2 15.4
129 15.1 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 1.267 ug/l
RT: 14.03 min Scan# 2156
Delta R.T. 0.02 min
Lab File: VX012836.D
Acq: 07 Oct 2019 14:26

Tgt Ion:180 Resp: 2754
Ion Ratio Lower Upper
180 100
182 25.3 47.1 141.3#
145 1543.6 18.0 54.0#

