

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012511.D
 Acq On : 19 Sep 2019 06:34
 Operator : JC/SP
 Sample : K4830-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0281

Quant Time: Sep 19 08:43:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	199163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	315696	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	264828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	109262	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	131748	46.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.32%	
35) Dibromofluoromethane	5.49	113	95347	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
50) Toluene-d8	8.71	98	355257	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.14	95	127923	43.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	111	0.474	ug/l #	43
3) Chloromethane	1.32	50	1689	1.543	ug/l	93
5) Bromomethane	1.64	94	382	0.822	ug/l #	36
6) Chloroethane	1.62	64	2443	2.638	ug/l #	63
10) Methyl Iodide	2.51	142	204	4.580	ug/l #	61
11) Tert butyl alcohol	3.03	59	4057	Below Cal	#	82
13) Acrolein	2.31	56	80	Below Cal	#	51
16) Acetone	2.43	43	4405	Below Cal		98
17) Carbon Disulfide	2.57	76	902	2.297	ug/l #	60
18) Methyl Acetate	2.83	43	1653	0.556	ug/l #	54
20) Methylene Chloride	2.85	84	576	0.333	ug/l #	70
31) Cyclohexane	5.58	56	592	0.300	ug/l #	58
36) 1,1-Dichloropropene	5.65	75	16382	8.538	ug/l #	54
38) Carbon Tetrachloride	5.65	117	21508	9.013	ug/l #	17
39) Methylcyclohexane	7.45	83	8470	4.541	ug/l #	84
42) 1,2-Dichloroethane	6.19	62	671	0.237	ug/l	92
44) Trichloroethene	7.20	130	709	0.442	ug/l	80
48) Methyl methacrylate	7.72	41	1246	0.500	ug/l #	71
49) 1,4-Dioxane	7.75	88	40	0.660	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	1172	0.338	ug/l #	57
55) 1,1,2-Trichloroethane	9.16	97	5825	2.876	ug/l #	19
56) Ethyl methacrylate	9.16	69	1577	0.498	ug/l #	1
71) Bromoform	10.64	173	27	2.886	ug/l #	29
75) 1,1,2,2-Tetrachloroethane	11.27	83	953	0.354	ug/l #	34
76) 1,2,3-Trichloropropane	11.14	75	66495	26.494	ug/l #	38
78) n-propylbenzene	11.35	91	1603	0.210	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.14	75	66495	71.328	ug/l #	8
84) 1,2,4-Trimethylbenzene	11.81	105	5644	0.940	ug/l	92
85) sec-Butylbenzene	11.94	105	5317	0.770	ug/l	99
86) p-Isopropyltoluene	12.03	119	2059	0.325	ug/l	98
89) n-Butylbenzene	12.37	91	2692	0.476	ug/l #	29
90) Hexachloroethane	12.60	117	2677	2.303	ug/l #	17
92) 1,2-Dibromo-3-Chloropropan	13.01	75	269	0.386	ug/l #	4
95) Naphthalene	13.84	128	1529	0.203	ug/l #	42

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Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

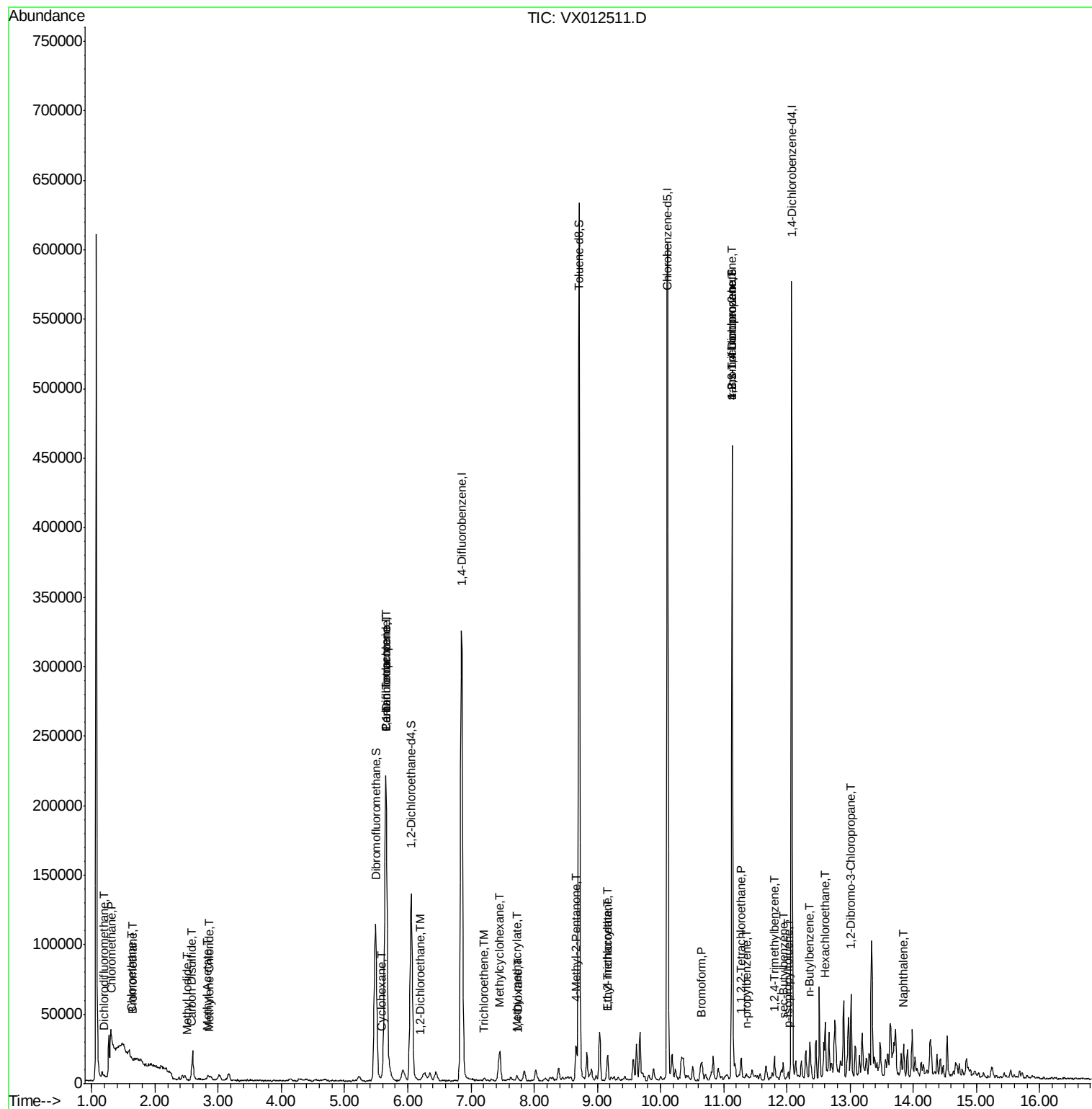
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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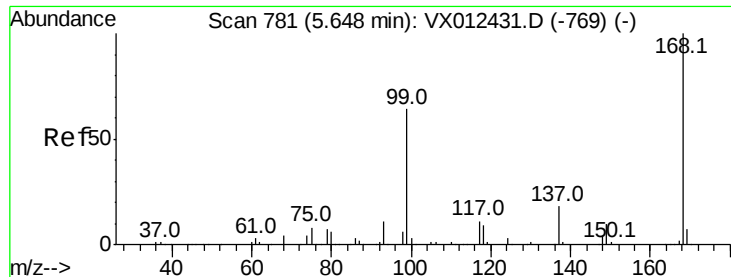
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012511.D

Acq: 19 Sep 2019 06:34

Instrument :

MSVOA_X

ClientSampleId :

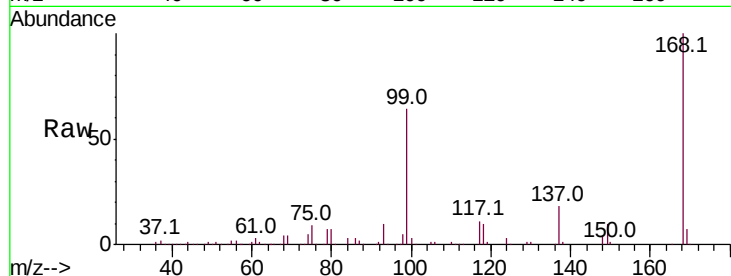
S13-0281

Tot Ion:168 Resp: 199163

Ion Ratio Lower Upper

168 100

99 64.3 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

80000

60000

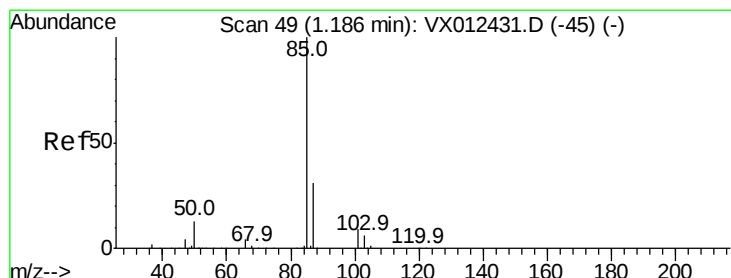
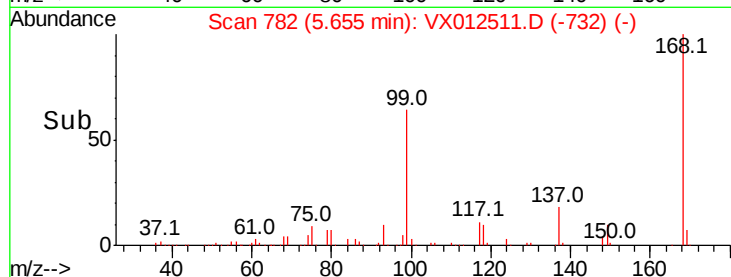
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.474 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012511.D

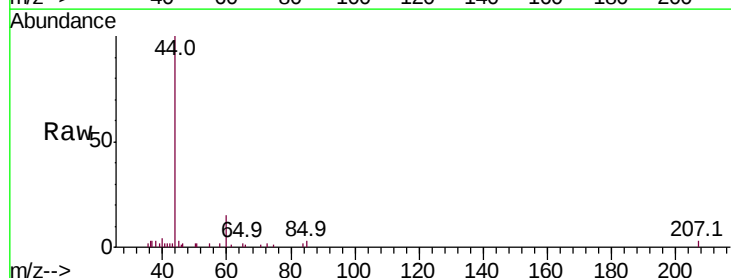
Acq: 19 Sep 2019 06:34

Tgt Ion: 85 Resp: 111

Ion Ratio Lower Upper

85 100

87 0.0 15.6 46.8#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

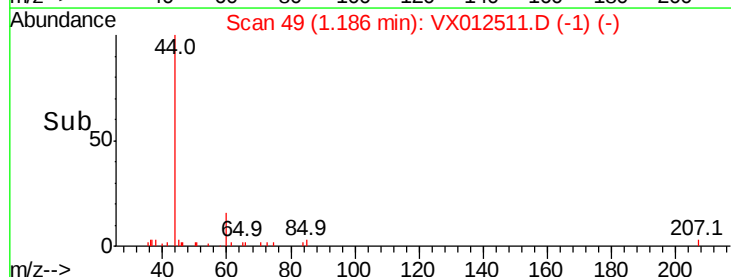
100

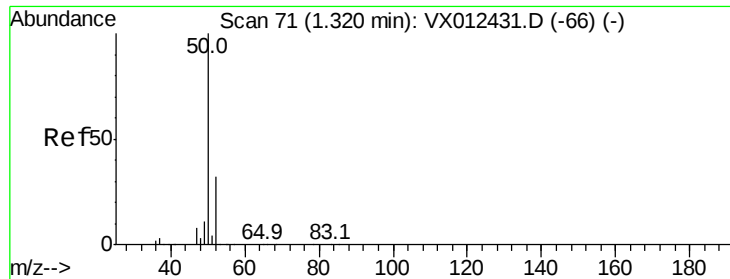
50

0

Time-->

1.16 1.18 1.20 1.22





#3

Chloromethane

Concen: 1.543 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012511.D

Acq: 19 Sep 2019 06:34

Instrument :

MSVOA_X

ClientSampleId :

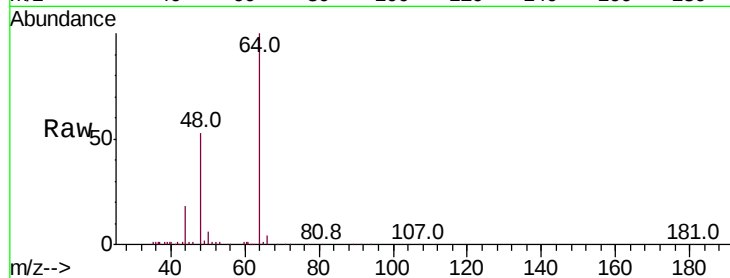
S13-0281

Tot Ion: 50 Resp: 1689

Ion Ratio Lower Upper

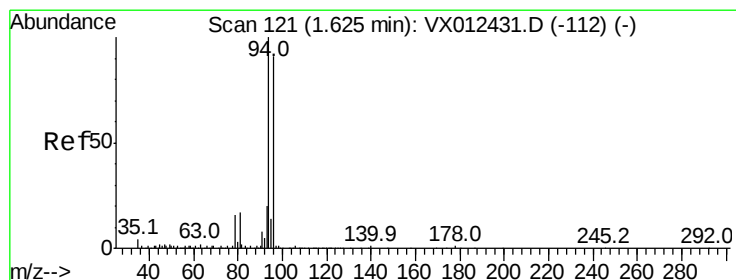
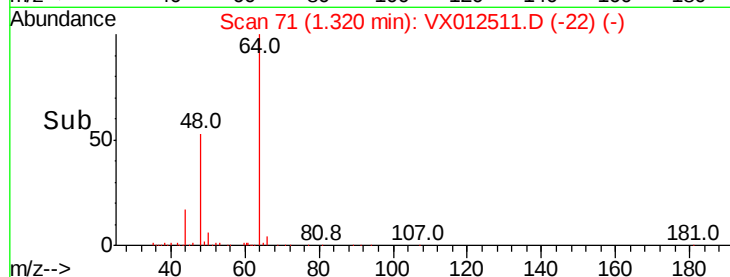
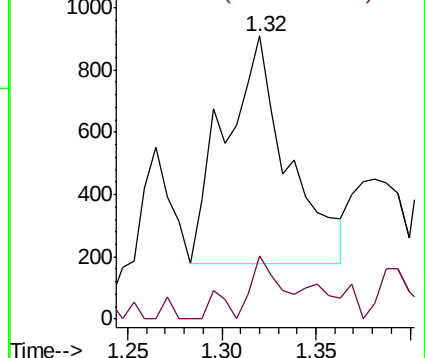
50 100

52 28.0 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: 0.822 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.02 min

Lab File: VX012511.D

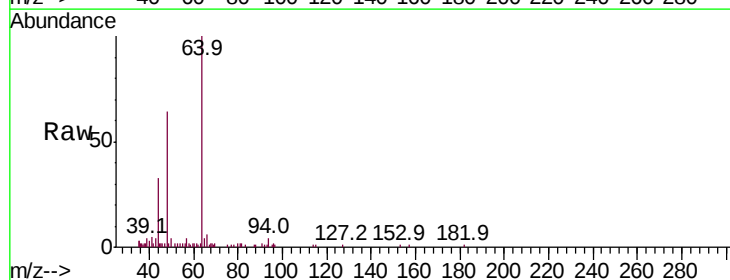
Acq: 19 Sep 2019 06:34

Tgt Ion: 94 Resp: 382

Ion Ratio Lower Upper

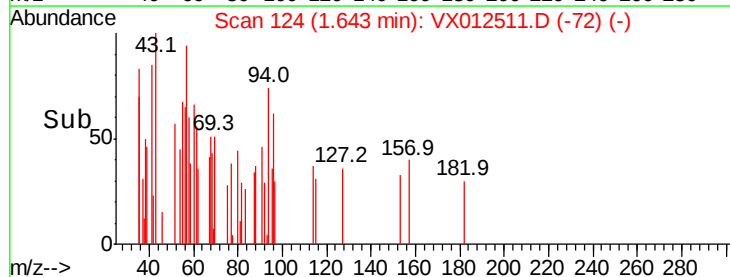
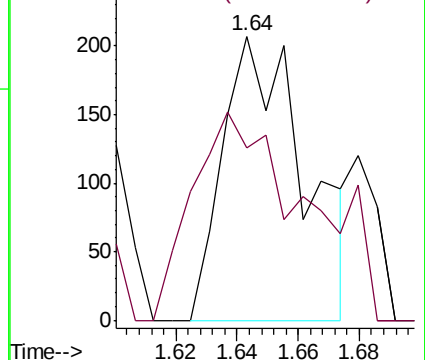
94 100

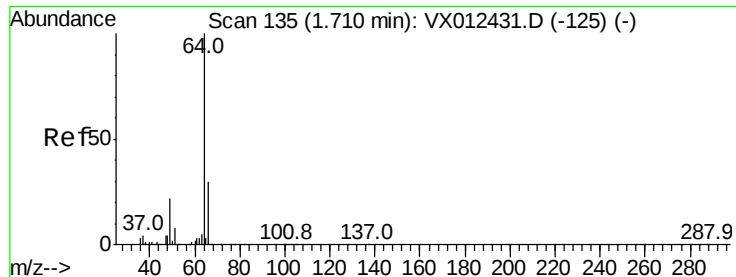
96 30.4 72.8 109.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 2.638 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.09 min

Lab File: VX012511.D

Acq: 19 Sep 2019 06:34

Instrument :

MSVOA_X

ClientSampleId :

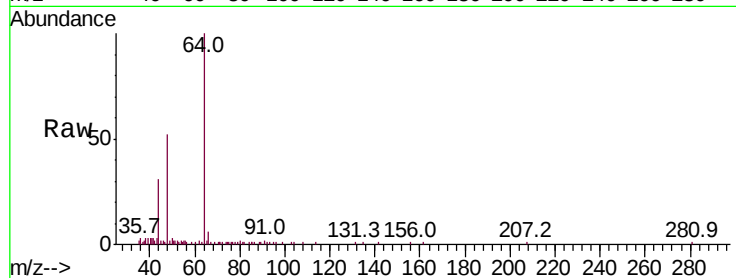
S13-0281

Tot Ion: 64 Resp: 2443

Ion Ratio Lower Upper

64 100

66 9.8 24.0 36.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.62

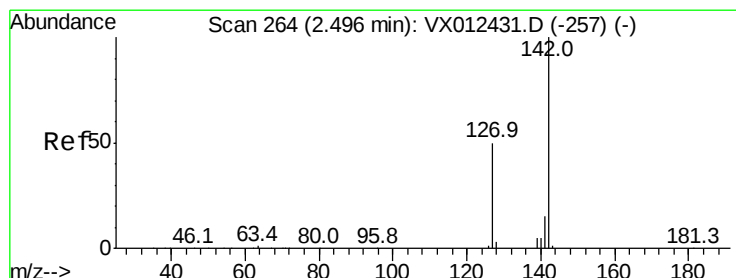
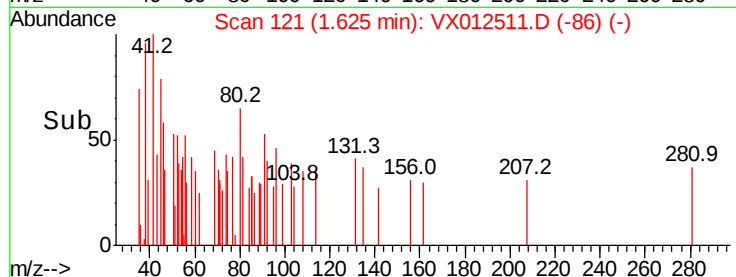
6000

4000

2000

0

Time--> 1.58 1.60 1.62 1.64 1.66



#10

Methyl Iodide

Concen: 4.580 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX012511.D

Acq: 19 Sep 2019 06:34

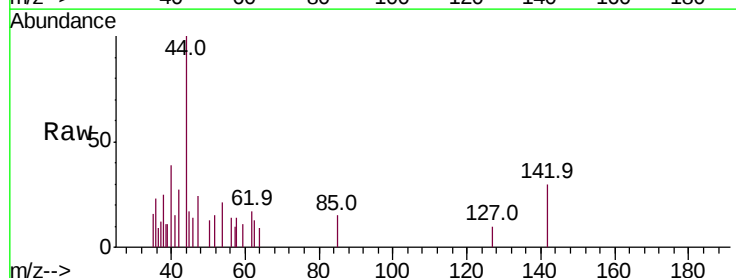
Tgt Ion: 142 Resp: 204

Ion Ratio Lower Upper

142 100

127 23.5 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

200

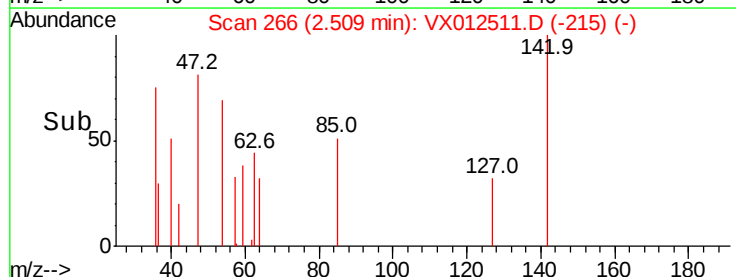
150

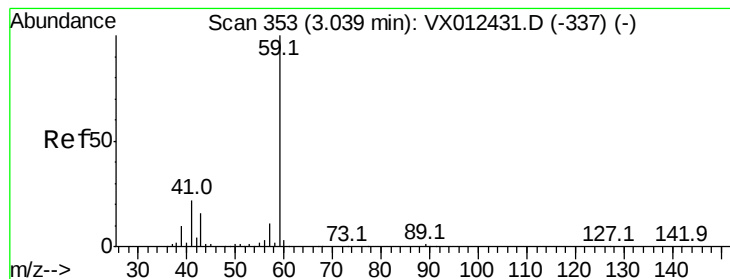
100

50

0

Time--> 2.48 2.50 2.52 2.54



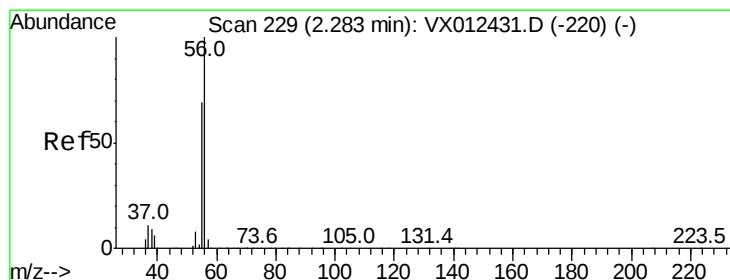
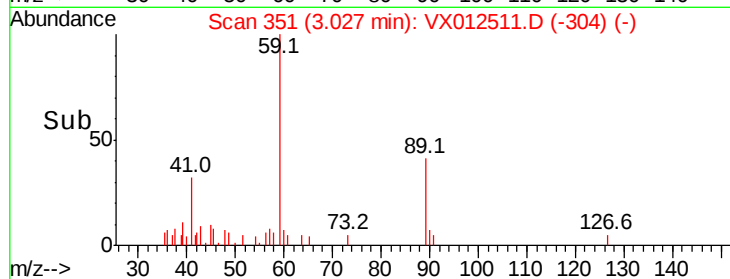
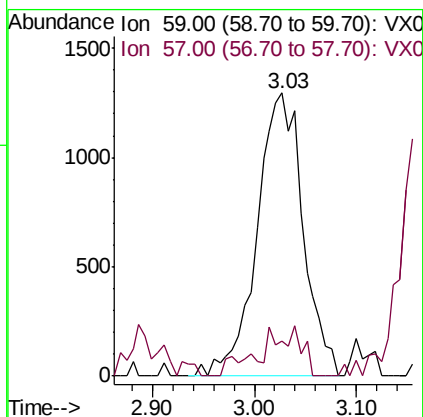
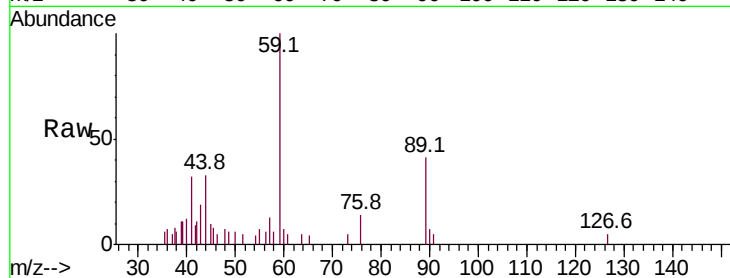


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX012511.D
 Acq: 19 Sep 2019 06:34

Instrument :
 MSVOA_X
 ClientSampled :
 S13-0281

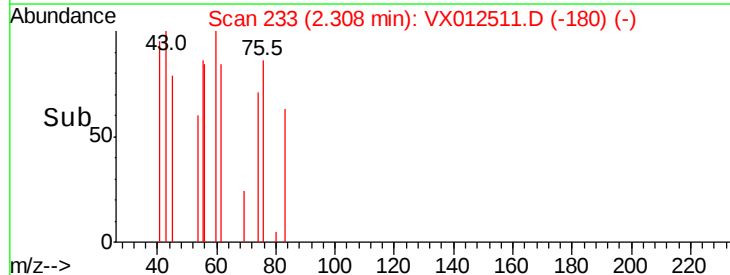
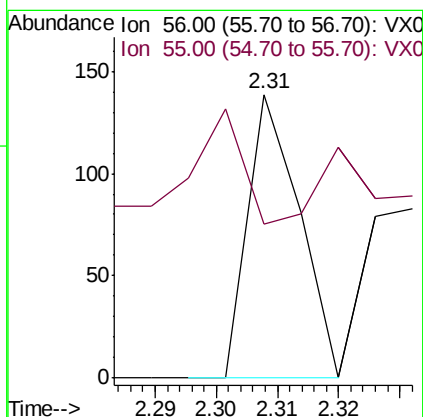
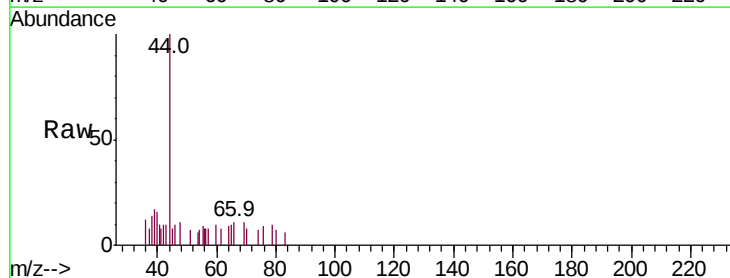
Tot Ion: 59 Resp: 4057
 Ion Ratio Lower Upper
 59 100
 57 3.7 8.3 12.5#

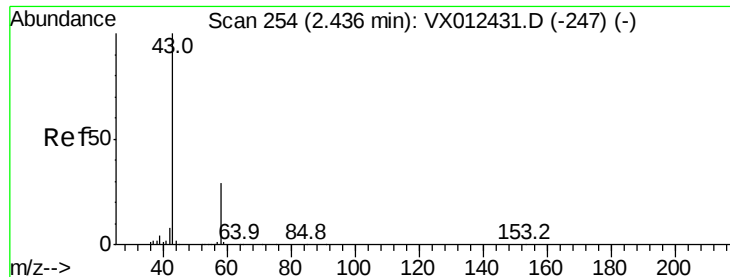


#13

Acrolein
 Concen: Below Cal
 RT: 2.31 min Scan# 233
 Delta R.T. 0.02 min
 Lab File: VX012511.D
 Acq: 19 Sep 2019 06:34

Tgt Ion: 56 Resp: 80
 Ion Ratio Lower Upper
 56 100
 55 30.0 55.8 83.8#





#16

Acetone

Concen: Below Cal

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012511.D

Acq: 19 Sep 2019 06:34

Instrument :

MSVOA_X

ClientSampleId :

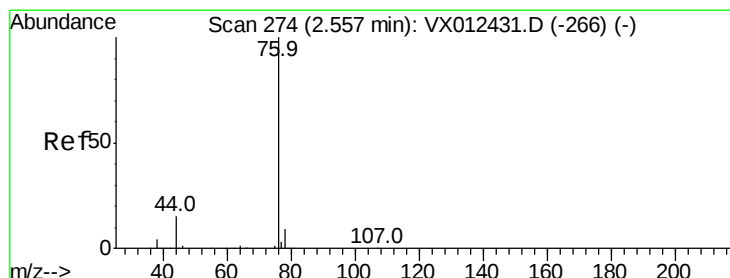
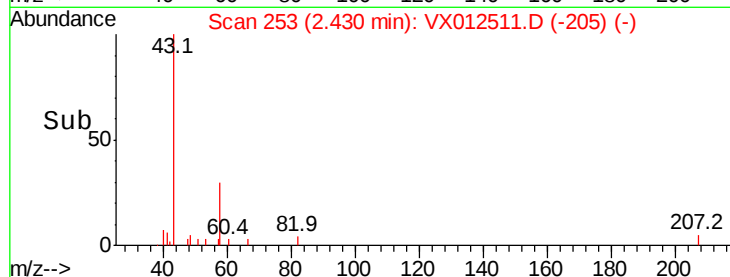
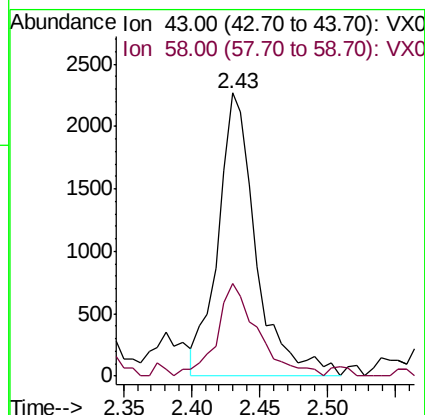
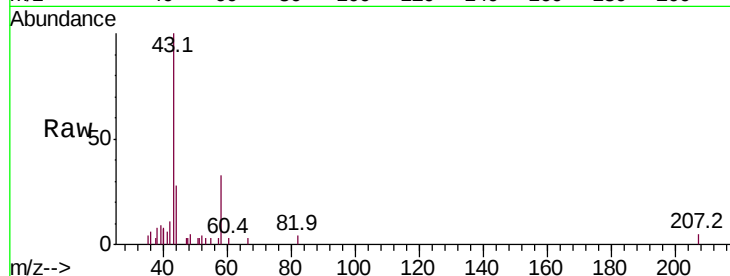
S13-0281

Tot Ion: 43 Resp: 4405

Ion Ratio Lower Upper

43 100

58 30.3 23.3 34.9



#17

Carbon Disulfide

Concen: 2.297 ug/l

RT: 2.57 min Scan# 276

Delta R.T. 0.01 min

Lab File: VX012511.D

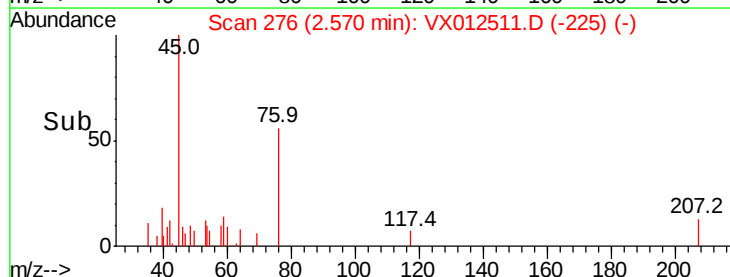
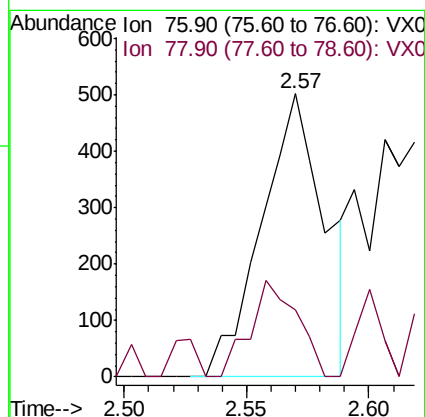
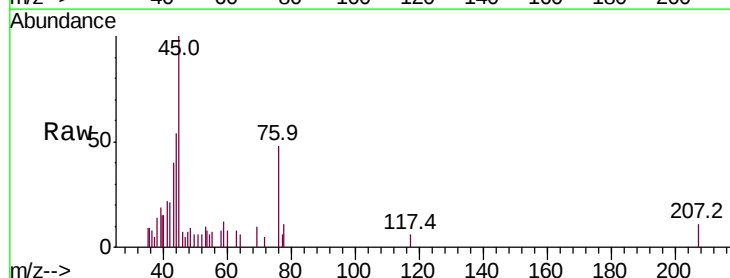
Acq: 19 Sep 2019 06:34

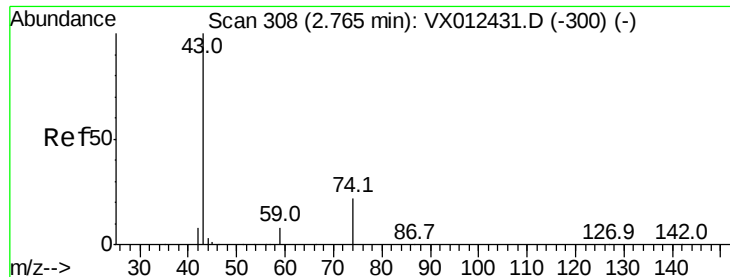
Tgt Ion: 76 Resp: 902

Ion Ratio Lower Upper

76 100

78 23.5 7.3 10.9#





#18

Methyl Acetate

Concen: 0.556 ug/l

RT: 2.83 min Scan# 319

Delta R.T. 0.07 min

Lab File: VX012511.D

Acq: 19 Sep 2019 06:34

Instrument :

MSVOA_X

ClientSampled :

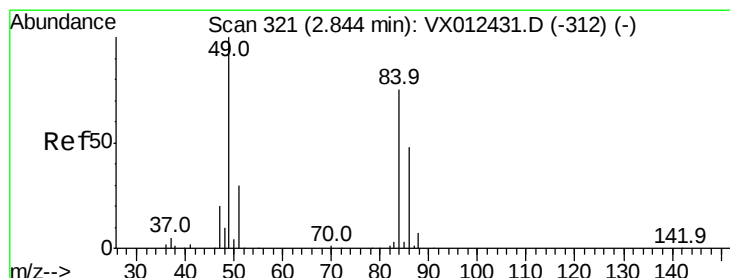
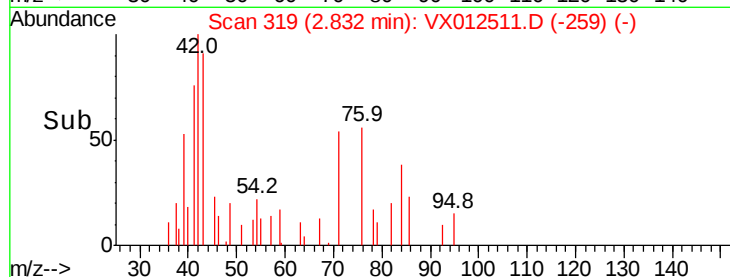
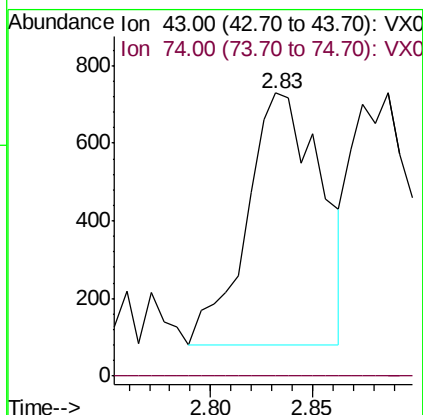
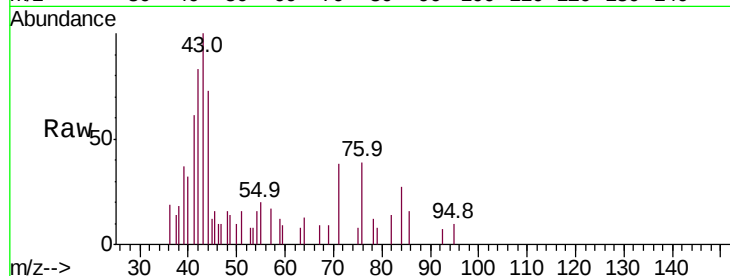
S13-0281

Tot Ion: 43 Resp: 1653

Ion Ratio Lower Upper

43 100

74 0.0 17.7 26.5#



#20

Methylene Chloride

Concen: 0.333 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.01 min

Lab File: VX012511.D

Acq: 19 Sep 2019 06:34

Tgt Ion: 84 Resp: 576

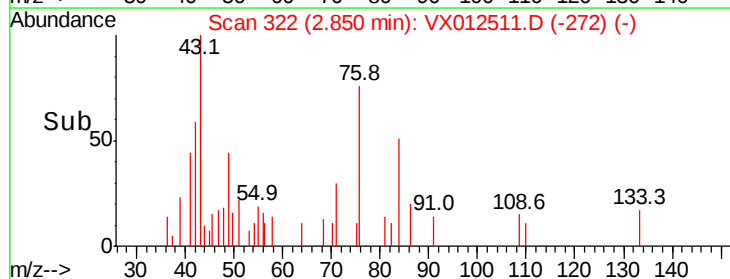
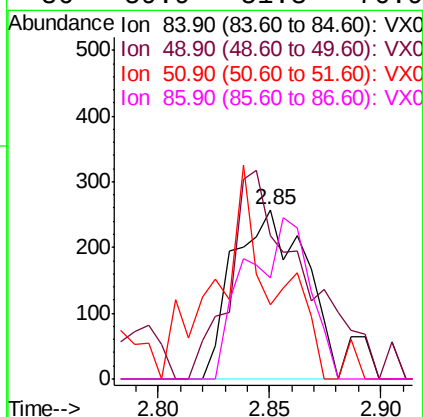
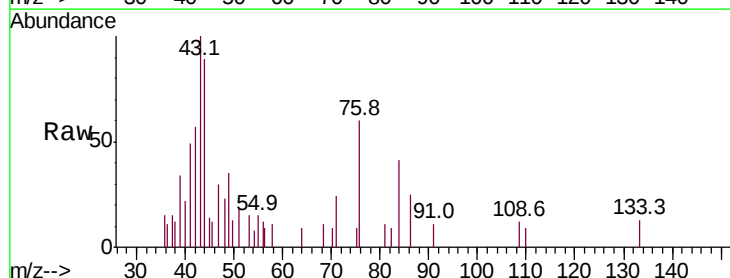
Ion Ratio Lower Upper

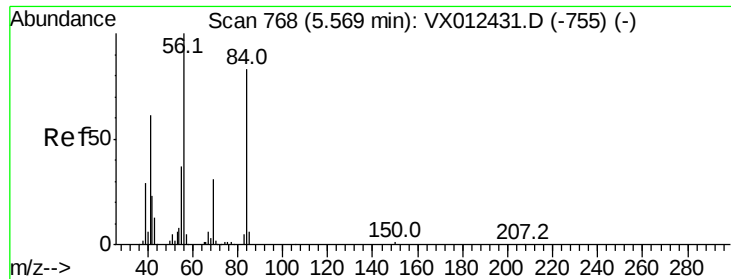
84 100

49 84.8 106.8 160.2#

51 19.1 32.3 48.5#

86 59.9 51.3 76.9

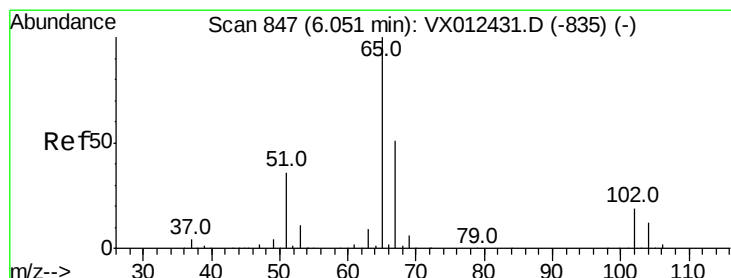
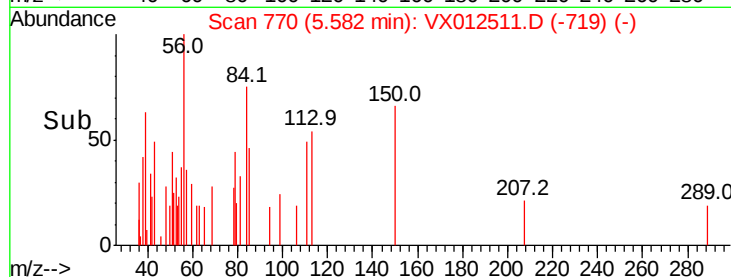
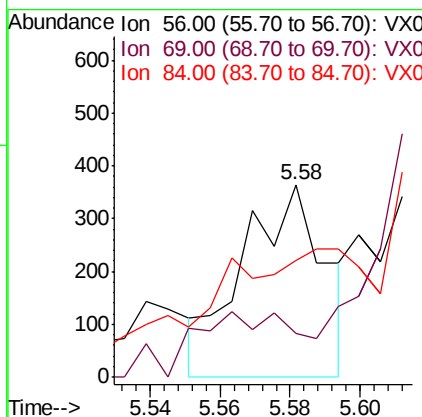
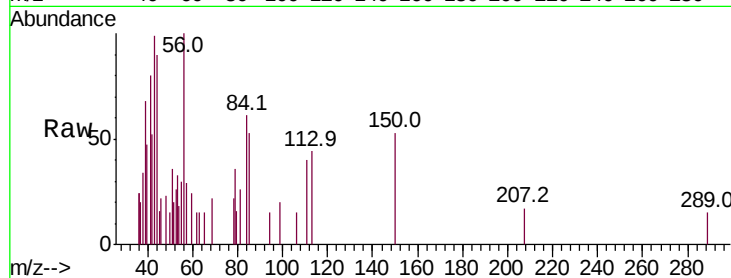




#31
Cyclohexane
Concen: 0.300 ug/l
RT: 5.58 min Scan# 770
Delta R.T. 0.01 min
Lab File: VX012511.D
Acq: 19 Sep 2019 06:34

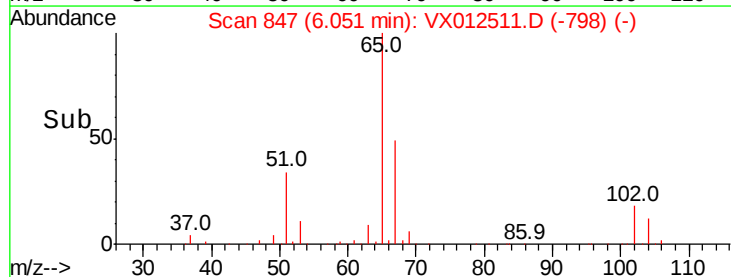
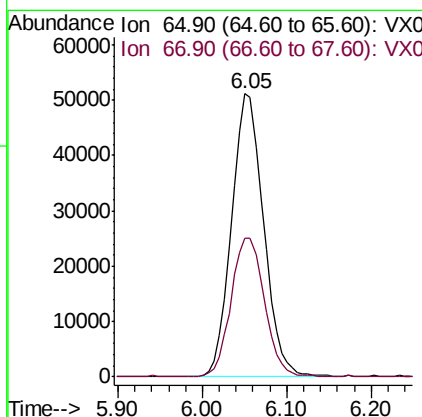
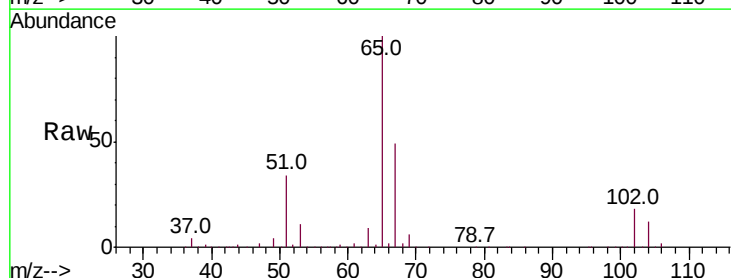
Instrument :
MSVOA_X
ClientSampled :
S13-0281

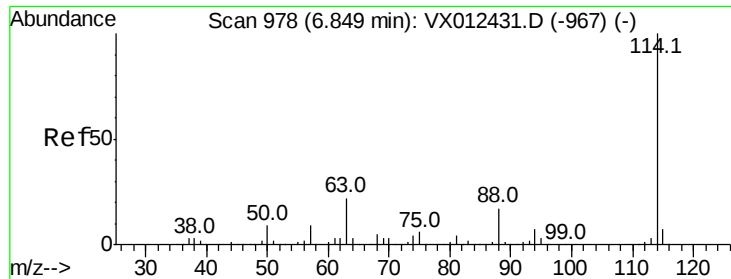
Tot Ion: 56 Resp: 592
Ion Ratio Lower Upper
56 100
69 0.0 25.0 37.6#
84 49.8 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 46.156 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012511.D
Acq: 19 Sep 2019 06:34

Tgt Ion: 65 Resp: 131748
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.2

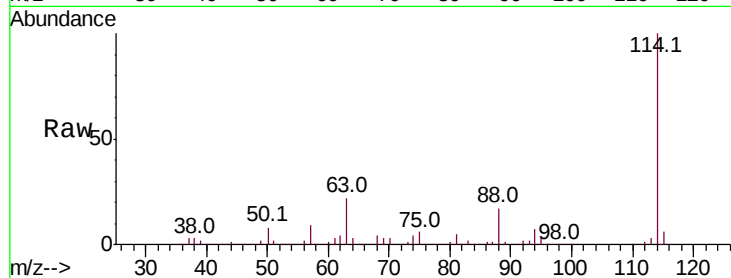




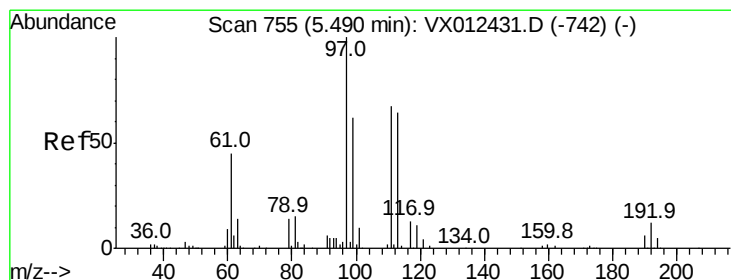
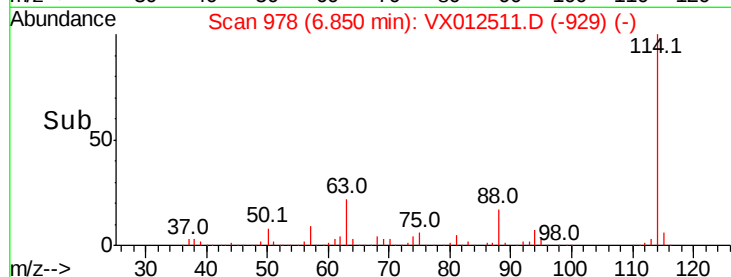
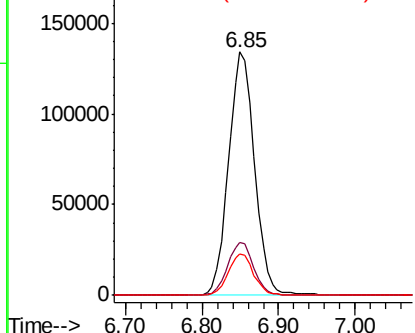
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012511.D
 Acq: 19 Sep 2019 06:34

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0281

Tot Ion:114 Resp: 315696
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.2
 88 16.9 0.0 33.2

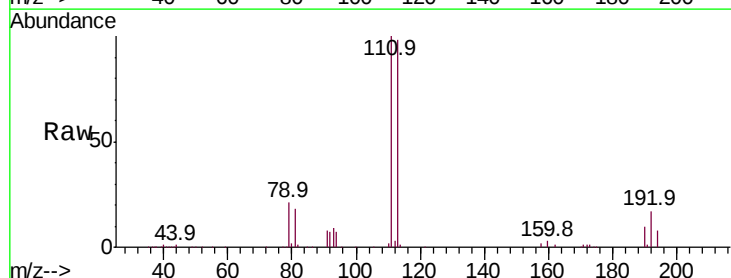


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

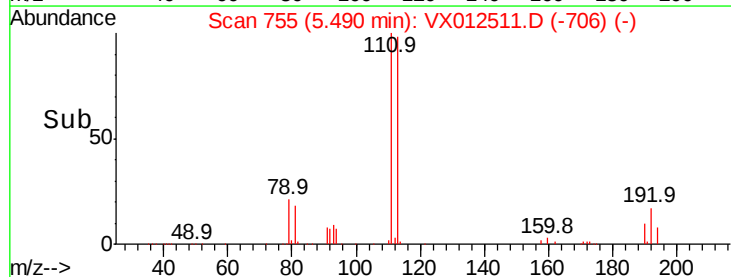
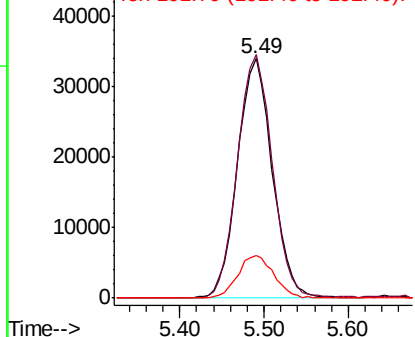


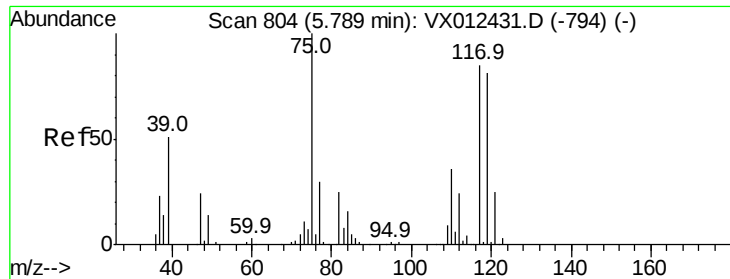
#35
 Dibromofluoromethane
 Concen: 49.900 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012511.D
 Acq: 19 Sep 2019 06:34

Tgt Ion:113 Resp: 95347
 Ion Ratio Lower Upper
 113 100
 111 101.9 83.4 125.2
 192 18.4 14.4 21.6



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

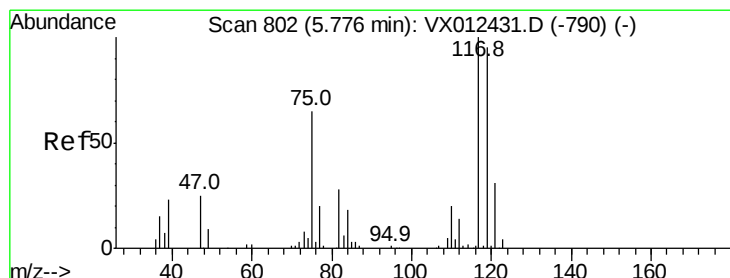
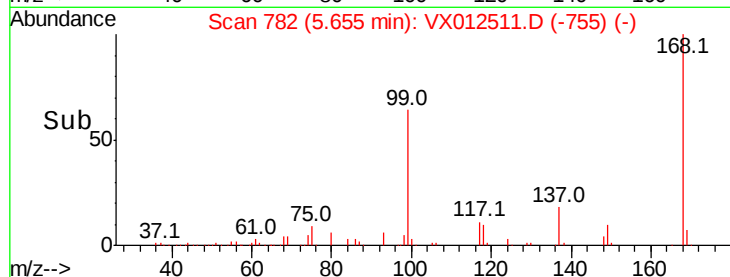
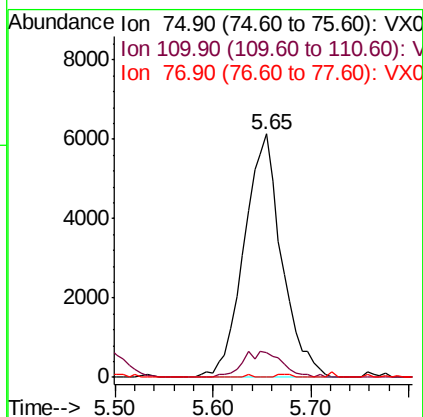
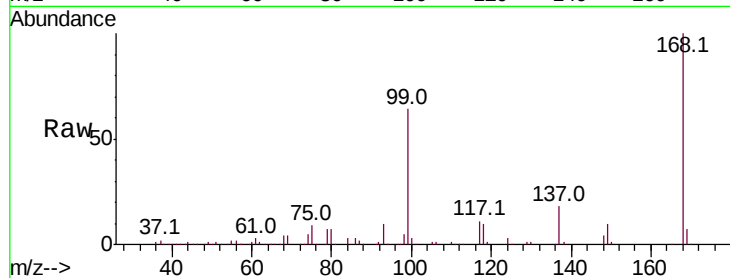




#36
 1,1-Dichloropropene
 Concen: 8.538 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.13 min
 Lab File: VX012511.D
 Acq: 19 Sep 2019 06:34

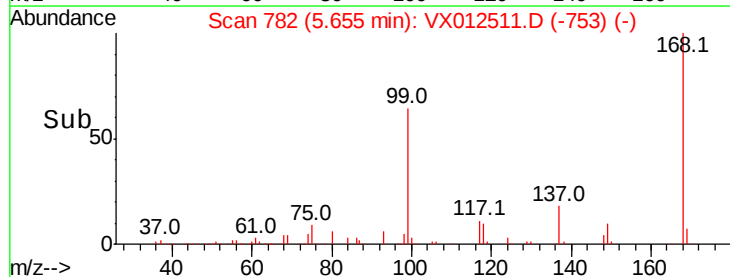
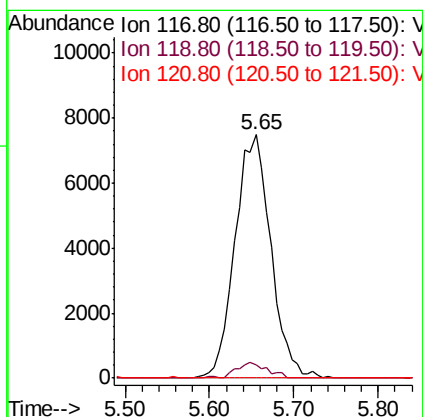
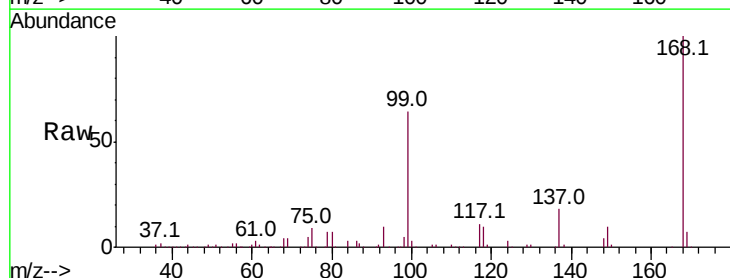
Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0281

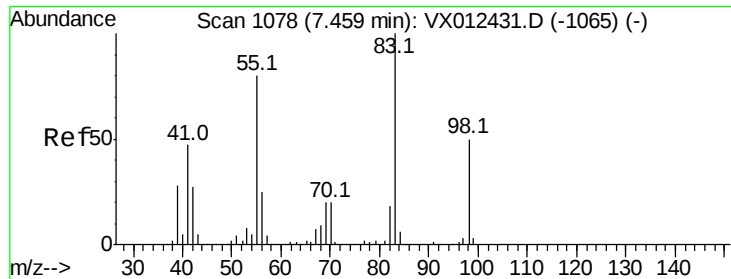
Tot Ion: 75 Resp: 16382
 Ion Ratio Lower Upper
 75 100
 110 11.4 16.7 50.0#
 77 0.5 24.2 36.2#



#38
 Carbon Tetrachloride
 Concen: 9.013 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.12 min
 Lab File: VX012511.D
 Acq: 19 Sep 2019 06:34

Tgt Ion: 117 Resp: 21508
 Ion Ratio Lower Upper
 117 100
 119 5.4 75.7 113.5#
 121 0.0 24.2 36.4#

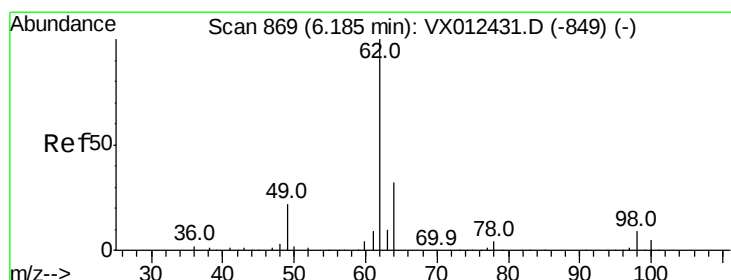
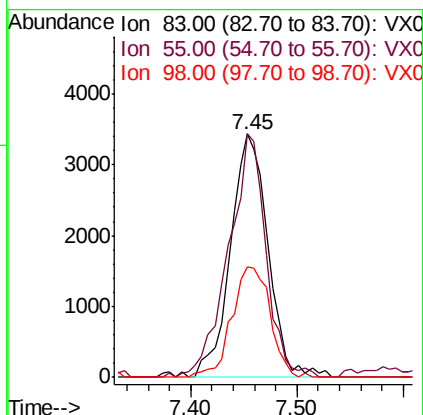
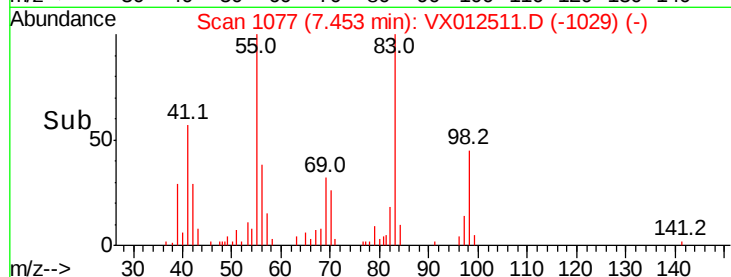
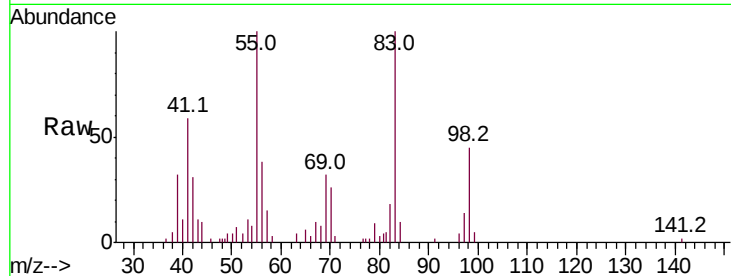




#39
Methvlcvclohexane
Concen: 4.541 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012511.D
Acq: 19 Sep 2019 06:34

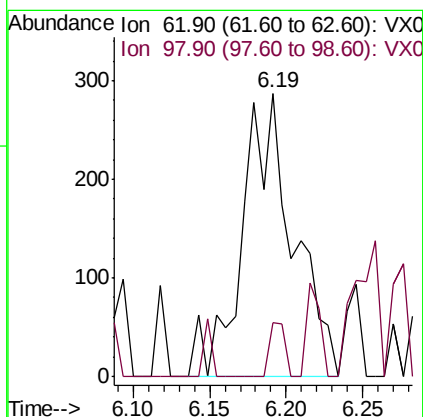
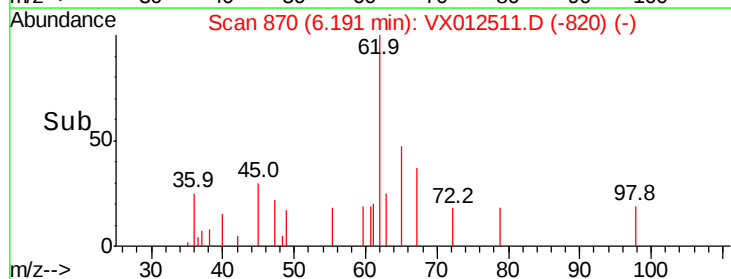
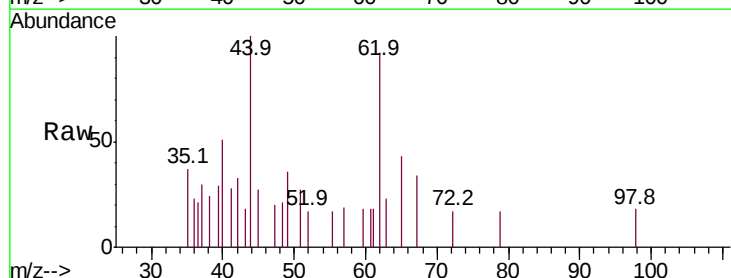
Instrument :
MSVOA_X
ClientSampled :
S13-0281

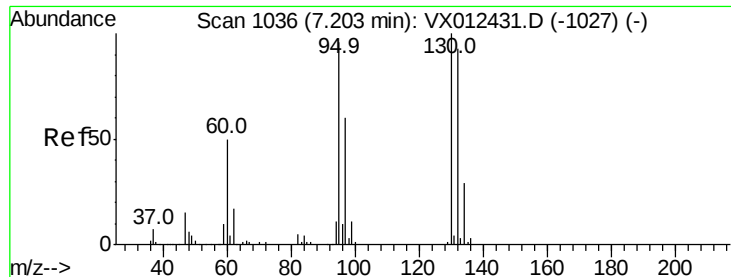
Tot Ion: 83 Resp: 8470
Ion Ratio Lower Upper
83 100
55 99.9 64.4 96.6#
98 45.3 40.1 60.1



#42
1,2-Dichloroethane
Concen: 0.237 ug/l
RT: 6.19 min Scan# 870
Delta R.T. 0.01 min
Lab File: VX012511.D
Acq: 19 Sep 2019 06:34

Tgt Ion: 62 Resp: 671
Ion Ratio Lower Upper
62 100
98 6.0 0.0 17.8





#44

Trichloroethene

Concen: 0.442 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012511.D

Acq: 19 Sep 2019 06:34

Instrument :

MSVOA_X

ClientSampleId :

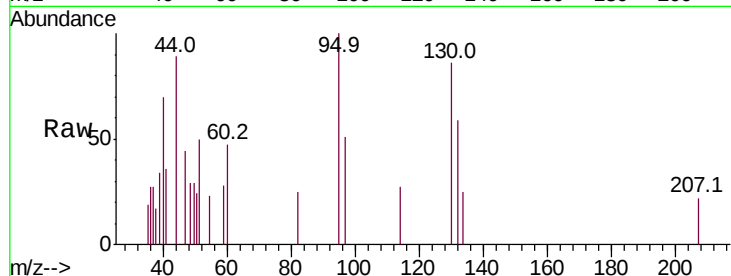
S13-0281

Tot Ion:130 Resp: 709

Ion Ratio Lower Upper

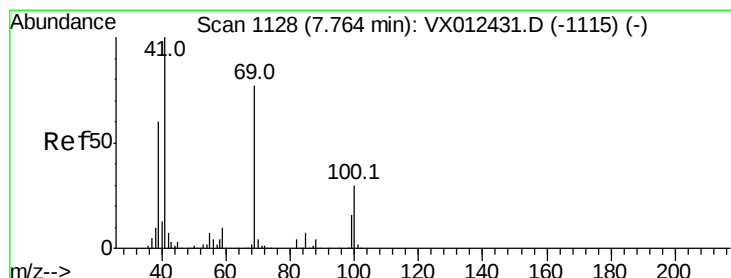
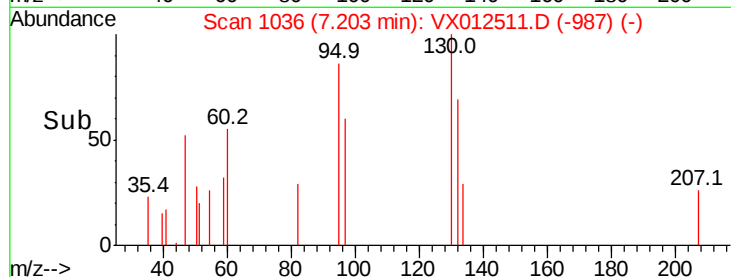
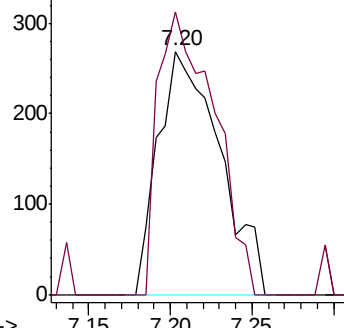
130 100

95 116.4 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#48

Methyl methacrylate

Concen: 0.500 ug/l

RT: 7.72 min Scan# 1121

Delta R.T. -0.04 min

Lab File: VX012511.D

Acq: 19 Sep 2019 06:34

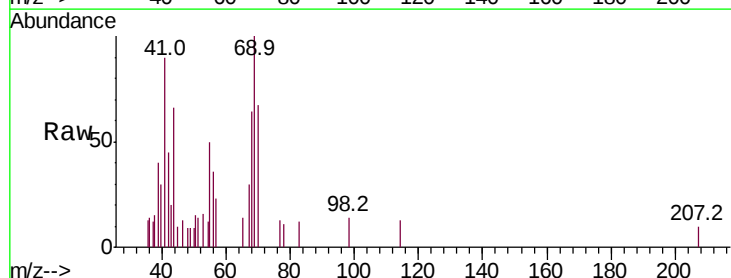
Tgt Ion: 41 Resp: 1246

Ion Ratio Lower Upper

41 100

69 98.1 59.9 89.9#

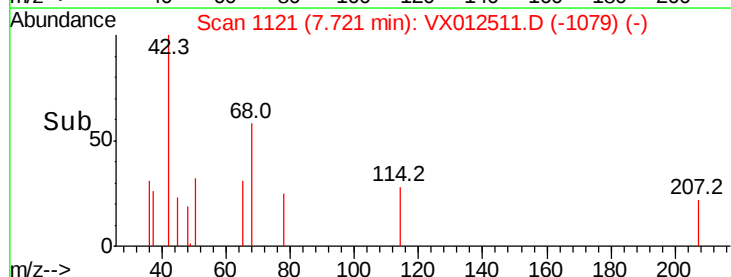
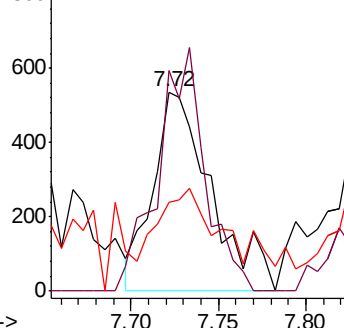
39 35.8 47.8 71.6#

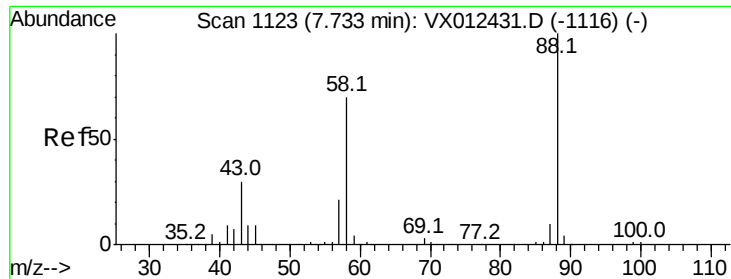


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 0.660 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.01 min

Lab File: VX012511.D

Acq: 19 Sep 2019 06:34

Instrument :

MSVOA_X

ClientSampleId :

S13-0281

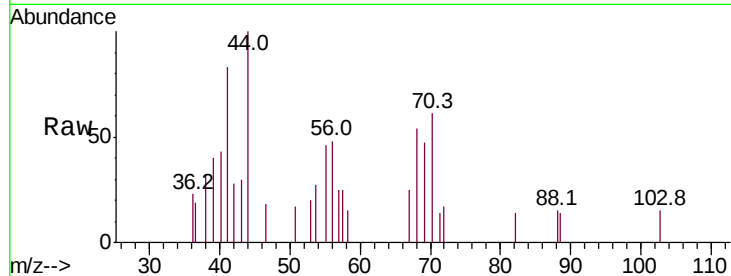
Tot Ion: 88 Resp: 40

Ion Ratio Lower Upper

88 100

43 1017.5 29.4 44.0#

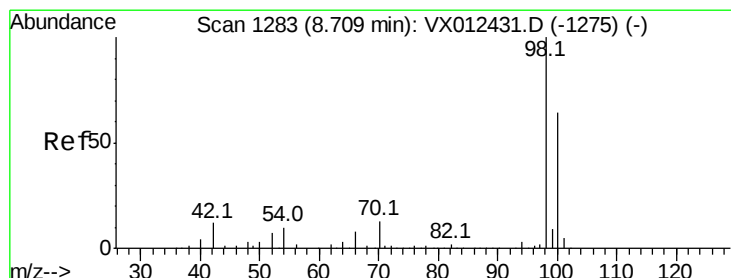
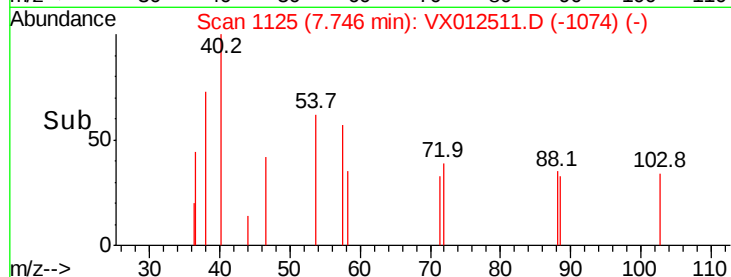
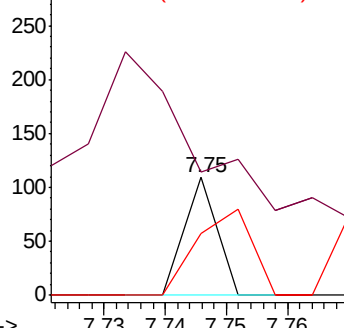
58 125.0 57.5 86.3#



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: 50.230 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012511.D

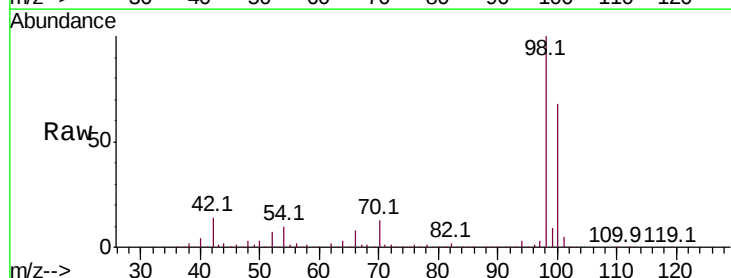
Acq: 19 Sep 2019 06:34

Tgt Ion: 98 Resp: 355257

Ion Ratio Lower Upper

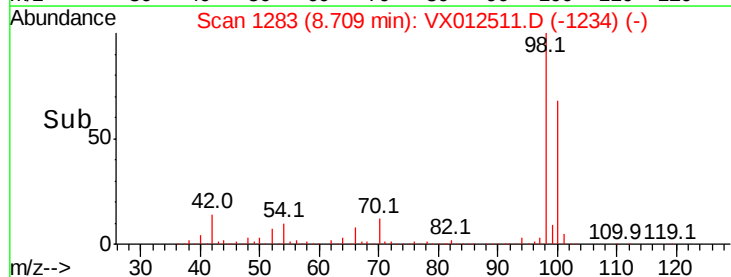
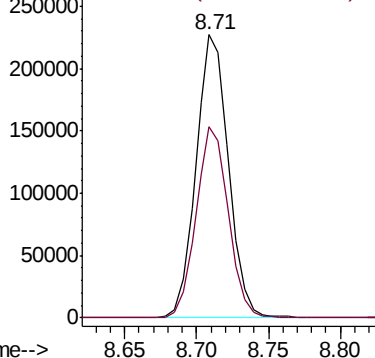
98 100

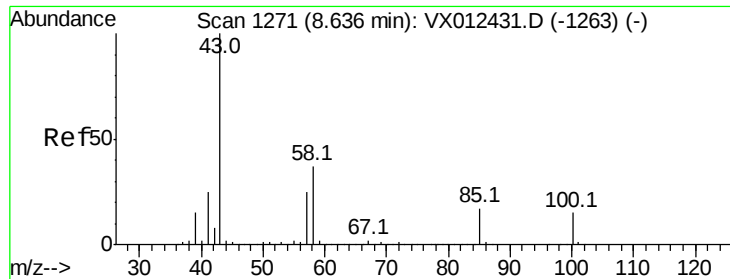
100 67.9 53.4 80.2



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: 0.338 ug/l

RT: 8.66 min Scan# 1275

Delta R.T. 0.02 min

Lab File: VX012511.D

Acq: 19 Sep 2019 06:34

Instrument :

MSVOA_X

ClientSampleId :

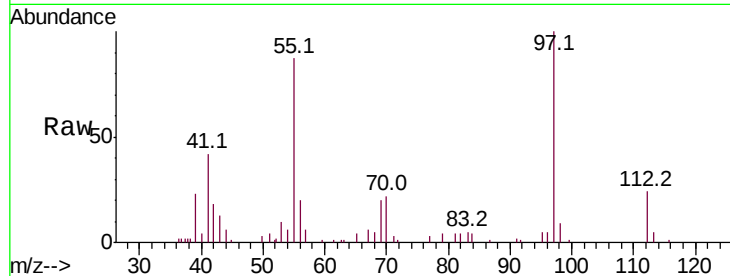
S13-0281

Tot Ion: 43 Resp: 1172

Ion Ratio Lower Upper

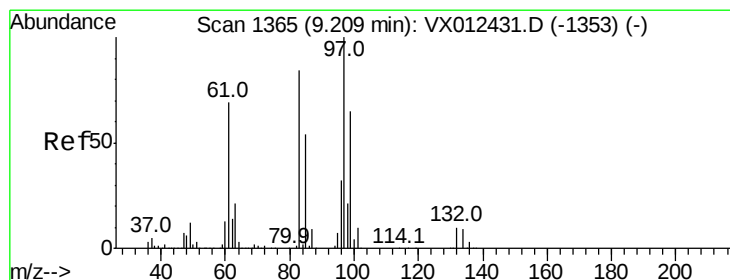
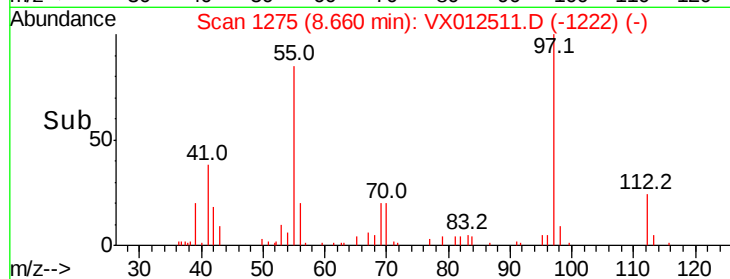
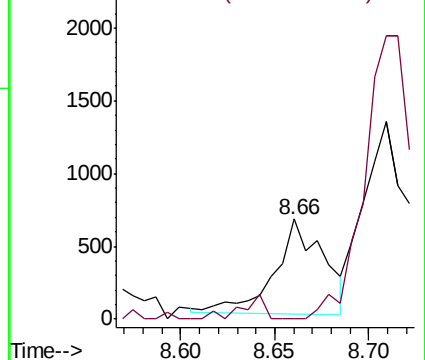
43 100

58 11.5 29.8 44.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#55

1,1,2-Trichloroethane

Concen: 2.876 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.05 min

Lab File: VX012511.D

Acq: 19 Sep 2019 06:34

Tgt Ion: 97 Resp: 5825

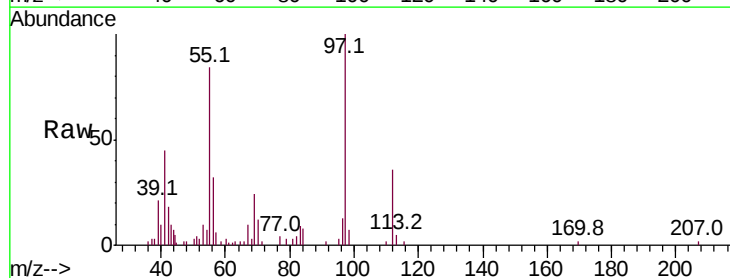
Ion Ratio Lower Upper

97 100

83 9.2 67.4 101.2#

85 0.0 43.5 65.3#

99 0.0 51.8 77.8#

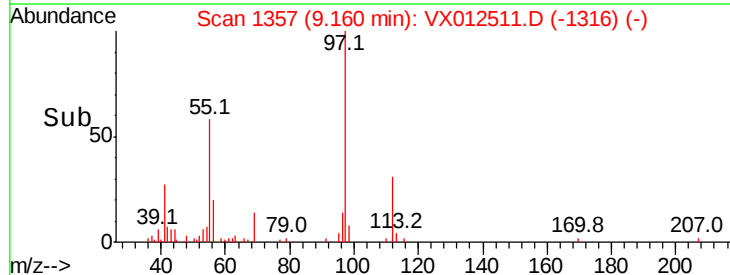
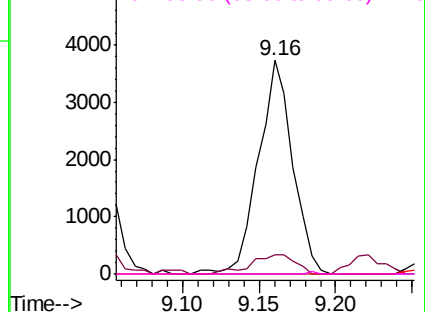


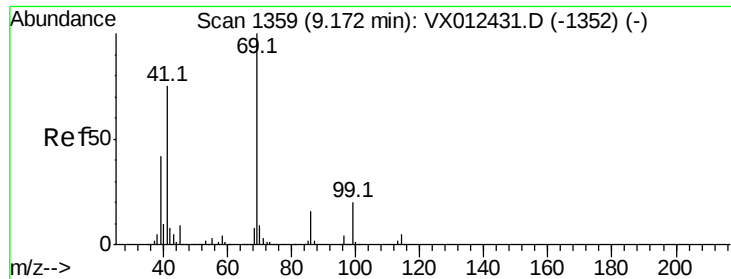
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#56

Ethyl methacrylate

Concen: 0.498 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VX012511.D

Acq: 19 Sep 2019 06:34

Instrument :

MSVOA_X

ClientSampled :

S13-0281

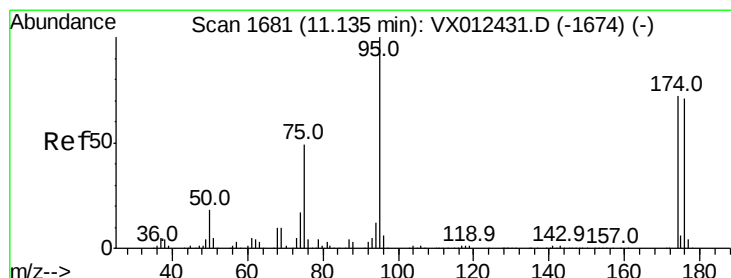
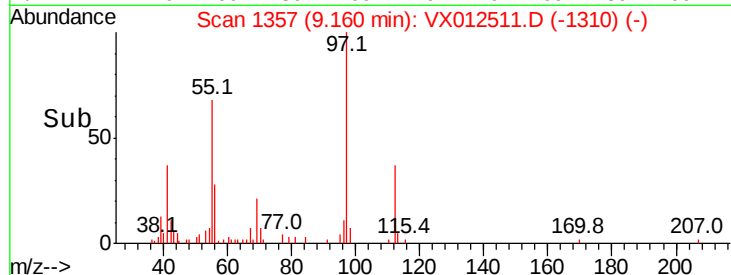
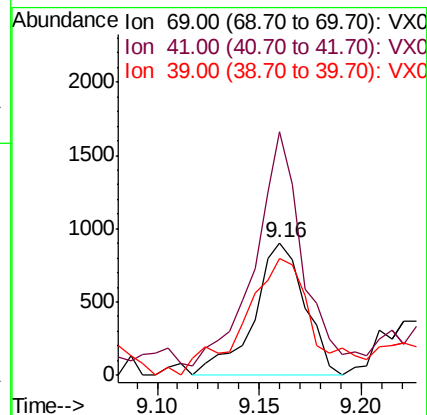
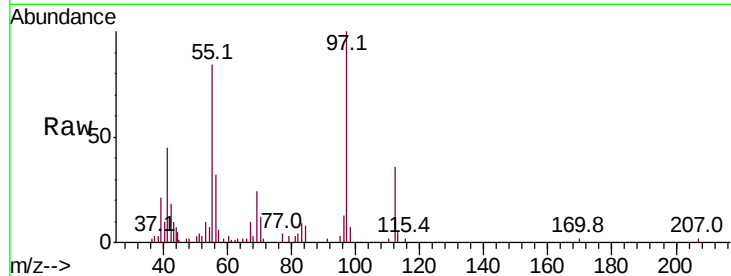
Tot Ion: 69 Resp: 1577

Ion Ratio Lower Upper

69 100

41 164.0 58.4 87.6#

39 118.8 33.4 50.0#



#62

4-Bromofluorobenzene

Concen: 43.561 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012511.D

Acq: 19 Sep 2019 06:34

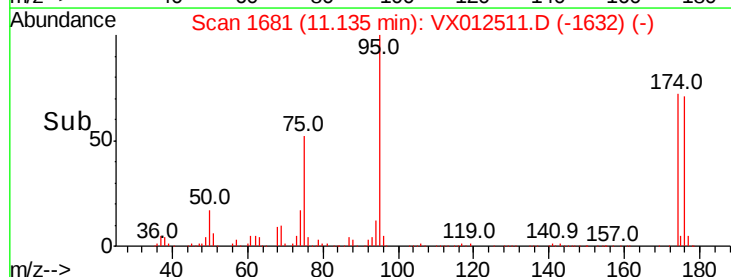
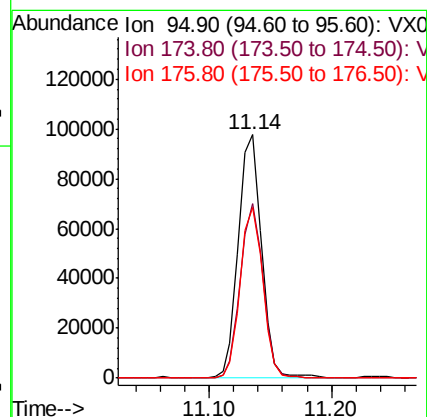
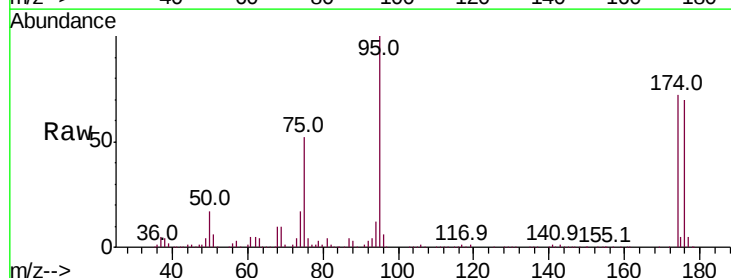
Tgt Ion: 95 Resp: 127923

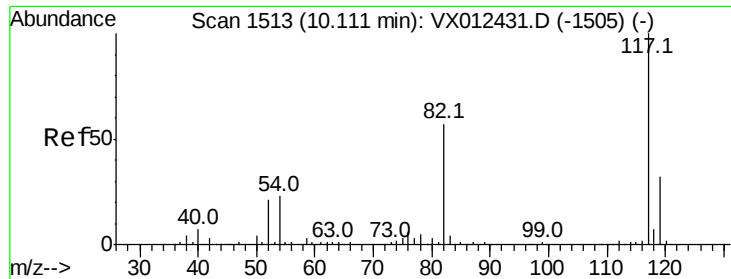
Ion Ratio Lower Upper

95 100

174 69.9 0.0 140.0

176 68.7 0.0 135.4

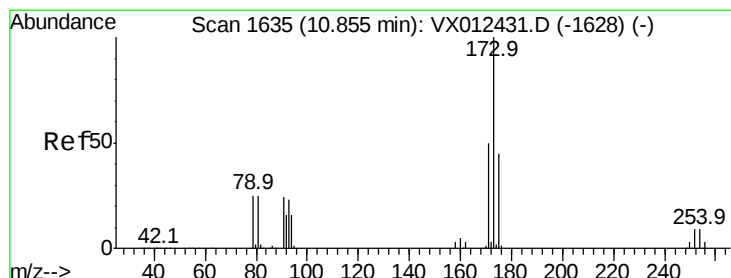
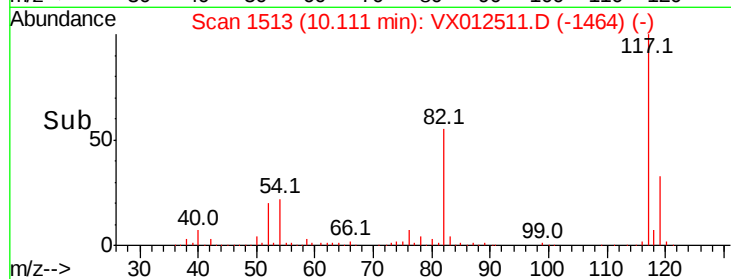
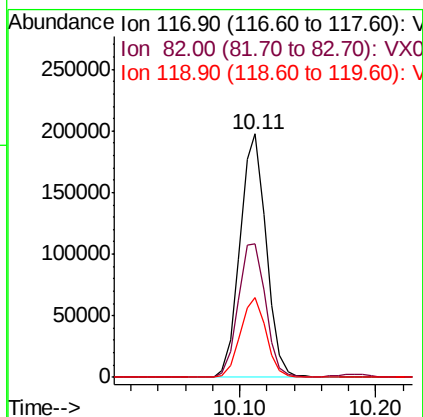
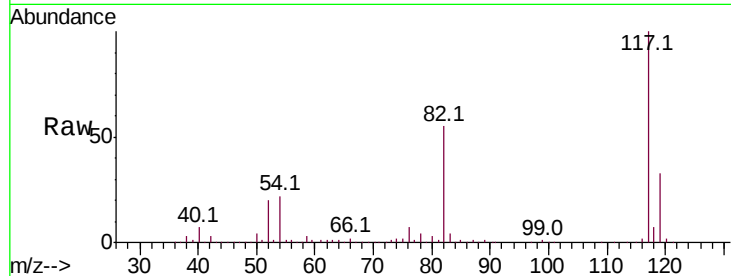




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: VX012511.D
 Acq: 19 Sep 2019 06:34

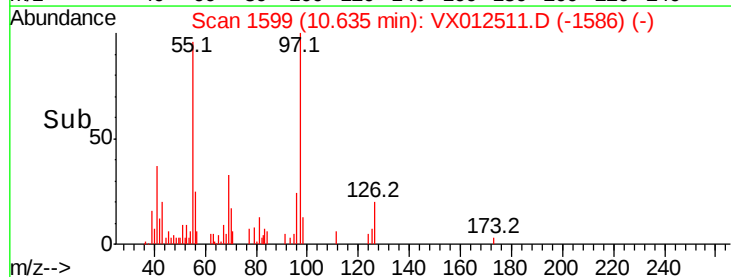
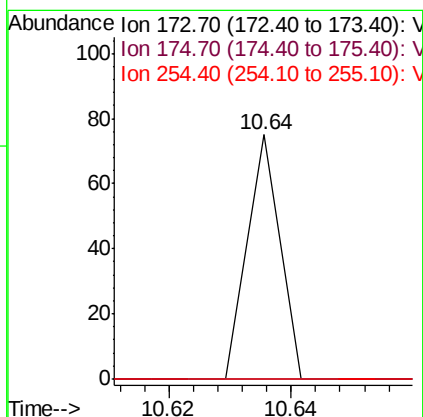
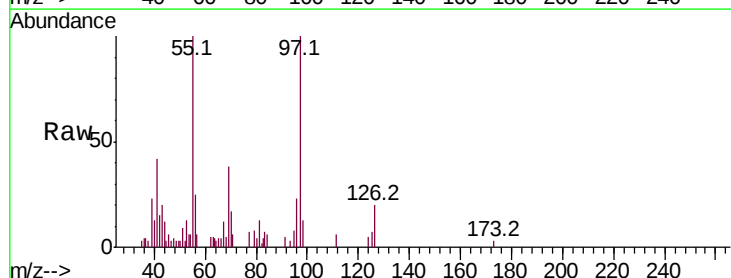
Instrument :
 MSVOA_X
 ClientSampled :
 S13-0281

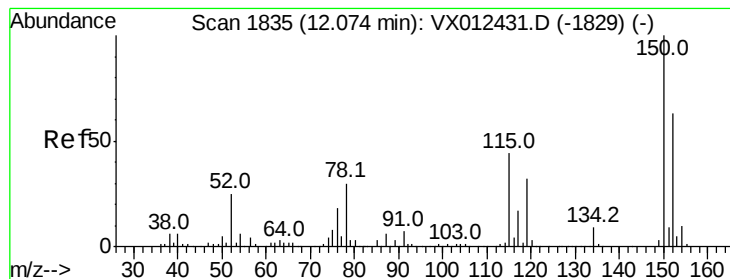
Tot Ion:117 Resp: 264828
 Ion Ratio Lower Upper
 117 100
 82 55.0 45.9 68.9
 119 32.7 25.3 37.9



#71
 Bromoform
 Concen: 2.886 ug/l
 RT: 10.64 min Scan# 1599
 Delta R.T. -0.22 min
 Lab File: VX012511.D
 Acq: 19 Sep 2019 06:34

Tgt Ion:173 Resp: 27
 Ion Ratio Lower Upper
 173 100
 175 0.0 23.7 71.1#
 254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012511.D

Acq: 19 Sep 2019 06:34

Instrument :

MSVOA_X

ClientSampleId :

S13-0281

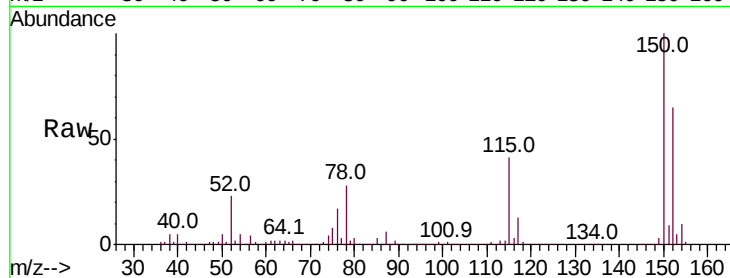
Tot Ion:152 Resp: 109262

Ion Ratio Lower Upper

152 100

115 62.0 44.1 132.3

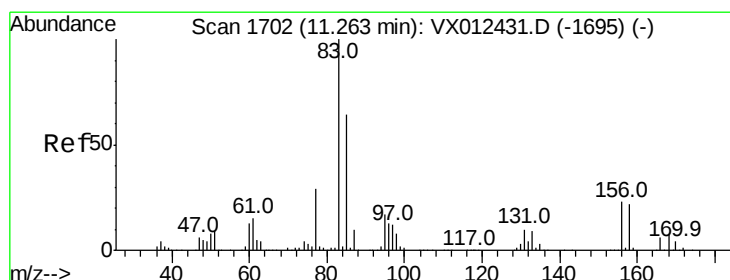
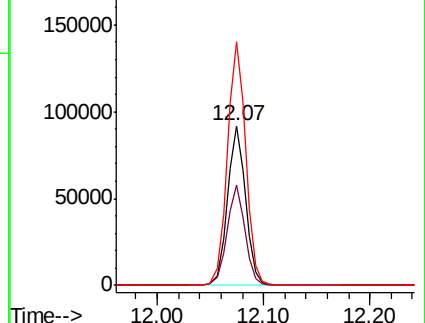
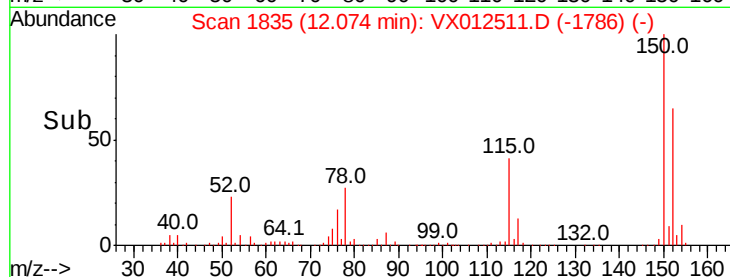
150 154.6 0.0 343.8



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



#75

1,1,2,2-Tetrachloroethane

Concen: 0.354 ug/l

RT: 11.27 min Scan# 1703

Delta R.T. 0.01 min

Lab File: VX012511.D

Acq: 19 Sep 2019 06:34

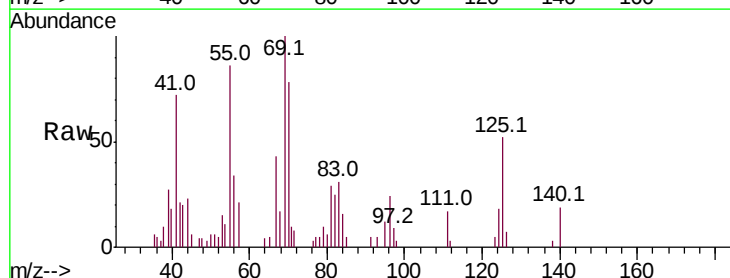
Tgt Ion: 83 Resp: 953

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

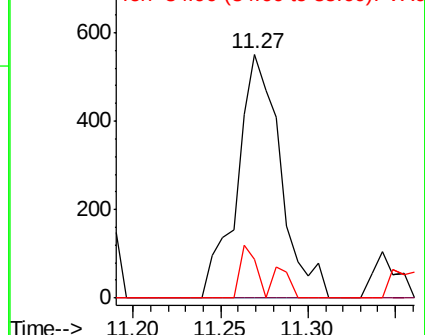
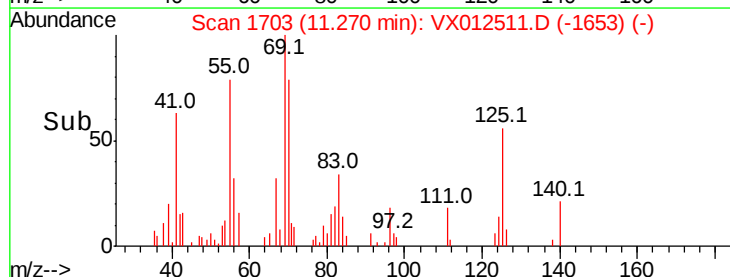
85 7.9 32.0 96.0#

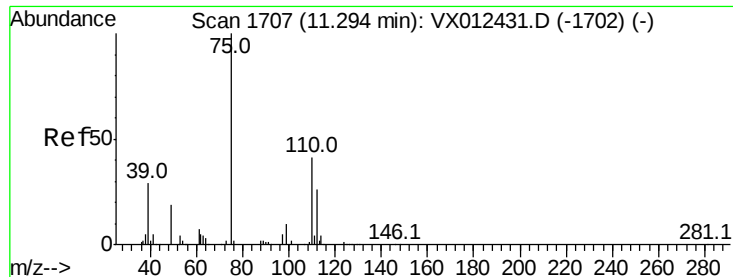


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 26.494 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012511.D

Acq: 19 Sep 2019 06:34

Instrument :

MSVOA_X

ClientSampleId :

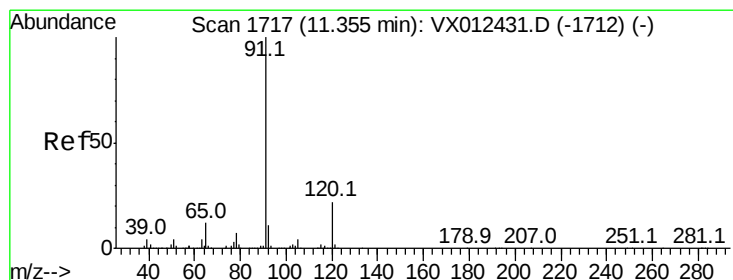
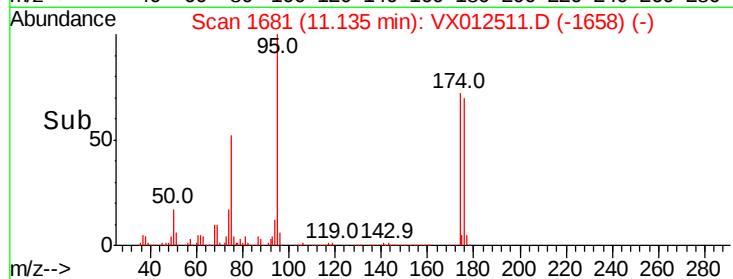
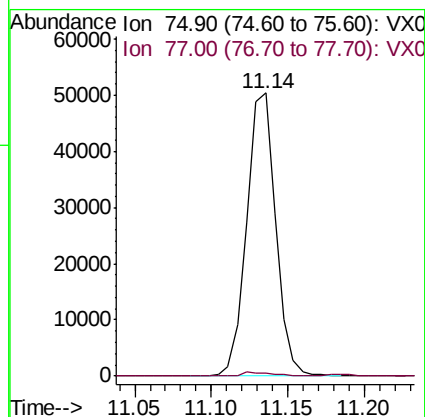
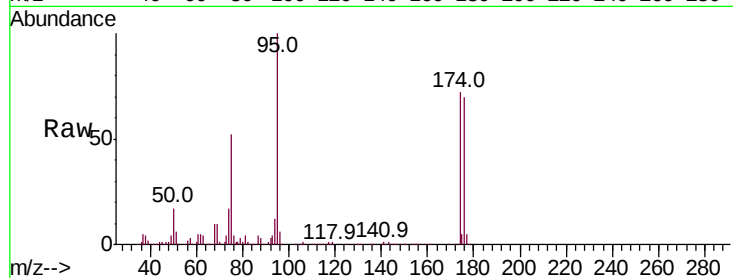
S13-0281

Tot Ion: 75 Resp: 66495

Ion Ratio Lower Upper

75 100

77 1.5 19.7 59.0#



#78

n-propylbenzene

Concen: 0.210 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012511.D

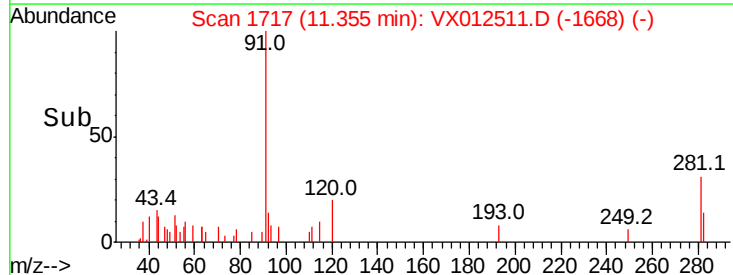
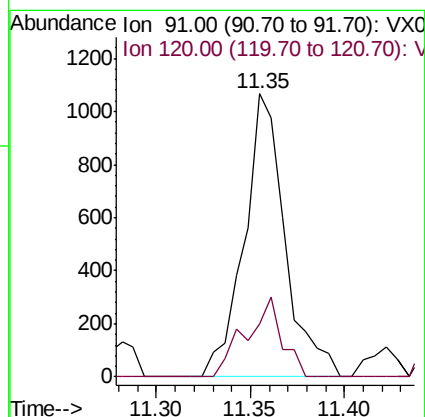
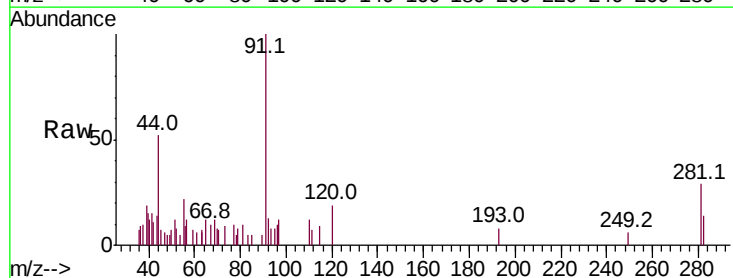
Acq: 19 Sep 2019 06:34

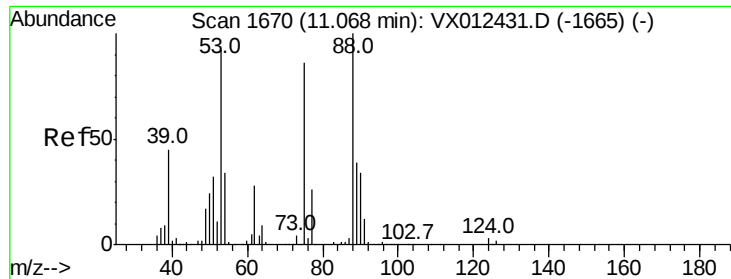
Tgt Ion: 91 Resp: 1603

Ion Ratio Lower Upper

91 100

120 25.0 11.3 33.8





#81

trans-1,4-Dichloro-2-butene

Concen: 71.328 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012511.D

Acq: 19 Sep 2019 06:34

Instrument :

MSVOA_X

ClientSampleId :

S13-0281

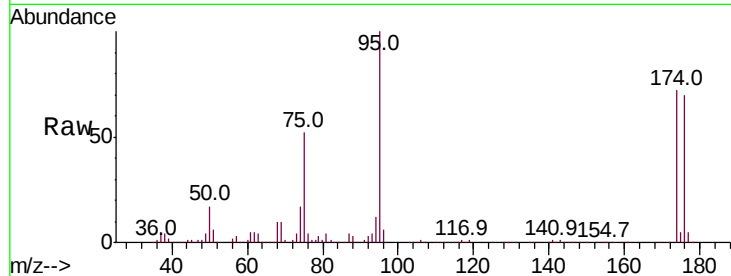
Tot Ion: 75 Resp: 66495

Ion Ratio Lower Upper

75 100

53 0.0 83.6 125.4#

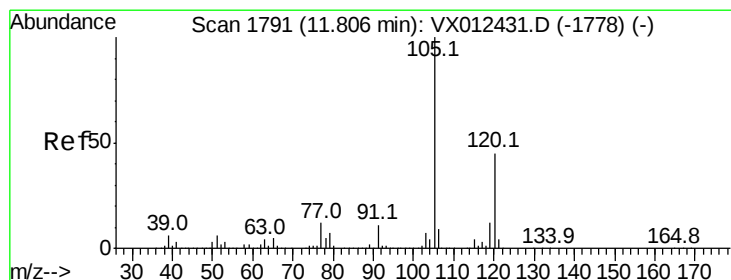
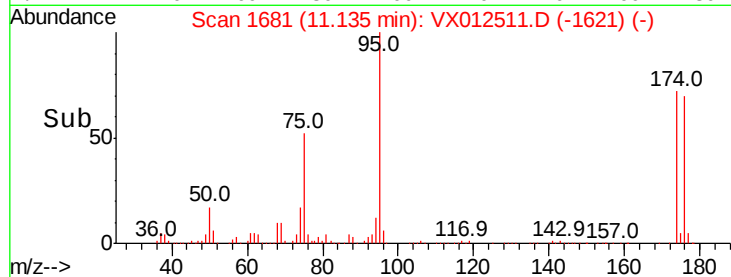
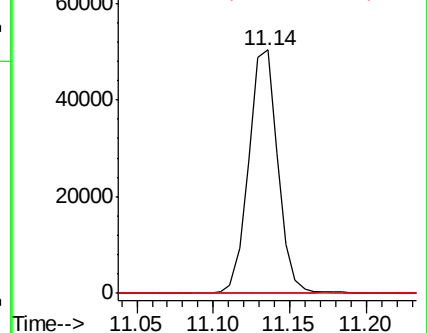
89 0.1 36.3 54.5#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.940 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX012511.D

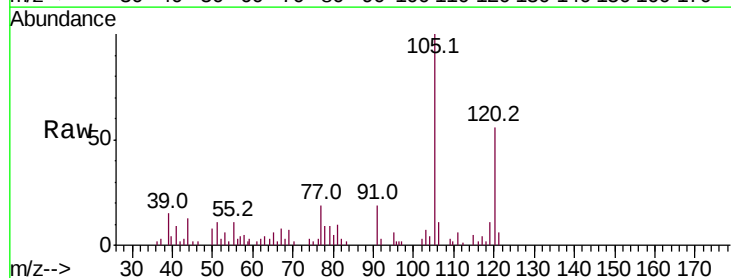
Acq: 19 Sep 2019 06:34

Tgt Ion: 105 Resp: 5644

Ion Ratio Lower Upper

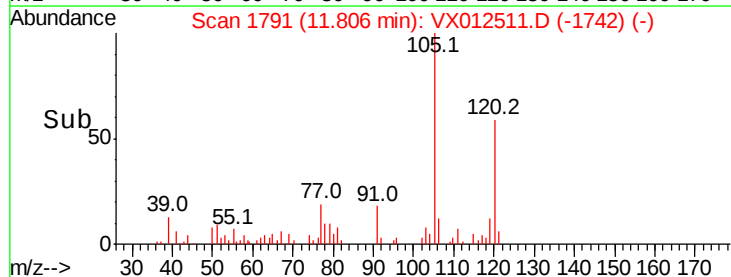
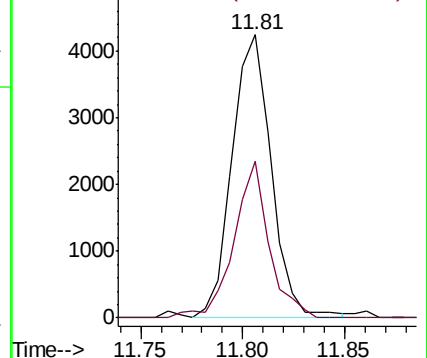
105 100

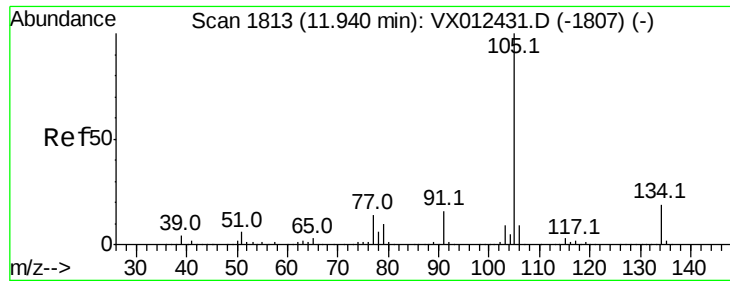
120 49.5 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.770 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012511.D

Acq: 19 Sep 2019 06:34

Instrument :

MSVOA_X

ClientSampleId :

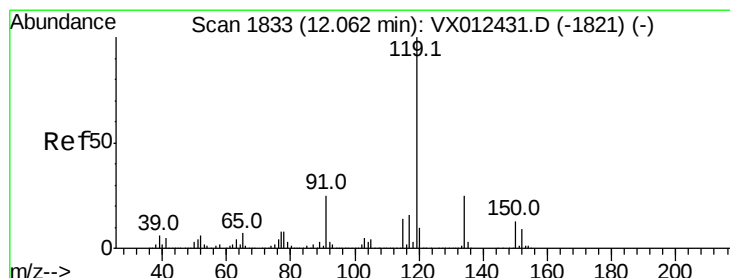
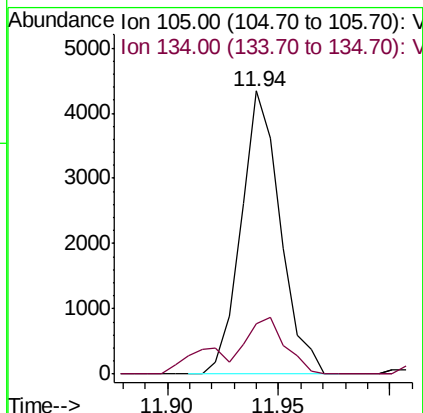
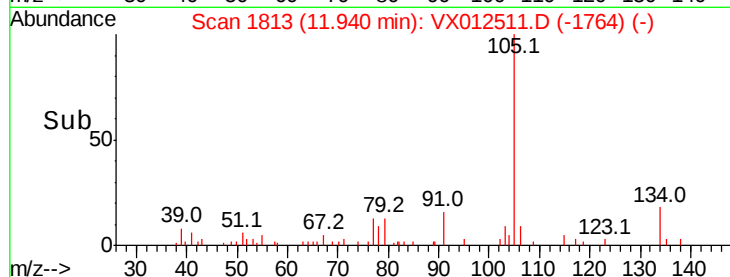
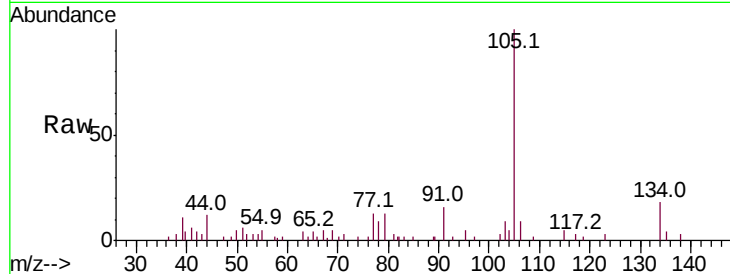
S13-0281

Tot Ion:105 Resp: 5317

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.4



#86

p-Isopropyltoluene

Concen: 0.325 ug/l

RT: 12.03 min Scan# 1827

Delta R.T. -0.04 min

Lab File: VX012511.D

Acq: 19 Sep 2019 06:34

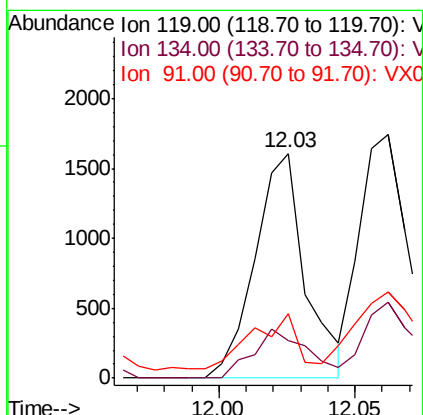
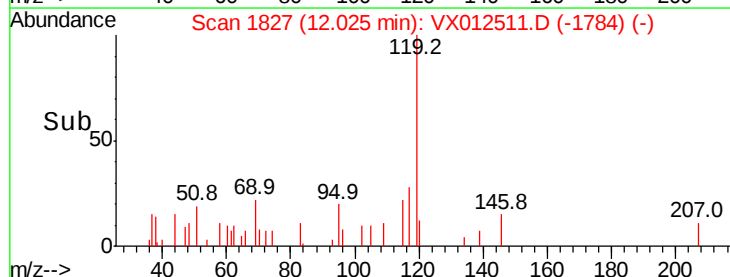
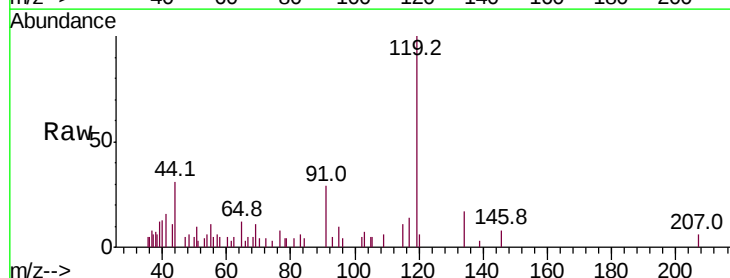
Tgt Ion:119 Resp: 2059

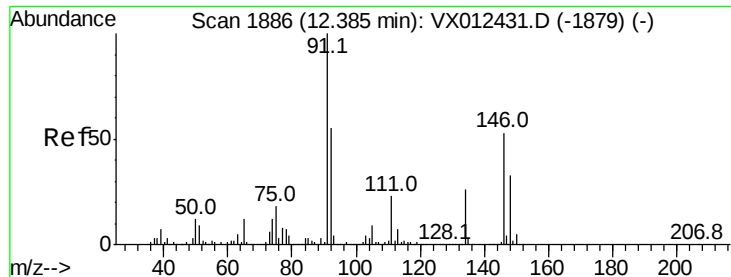
Ion Ratio Lower Upper

119 100

134 24.1 12.7 38.1

91 26.6 12.8 38.4





#89

n-Butylbenzene

Concen: 0.476 ug/l

RT: 12.37 min Scan# 1883

Delta R.T. -0.02 min

Lab File: VX012511.D

Acq: 19 Sep 2019 06:34

Instrument :

MSVOA_X

ClientSampled :

S13-0281

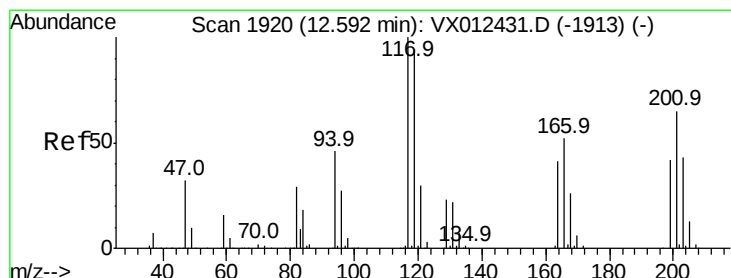
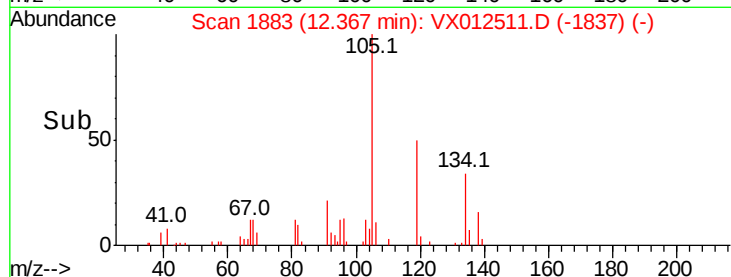
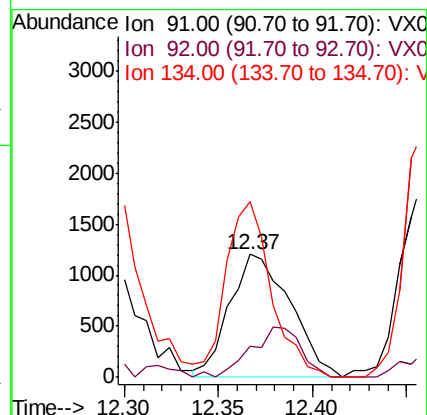
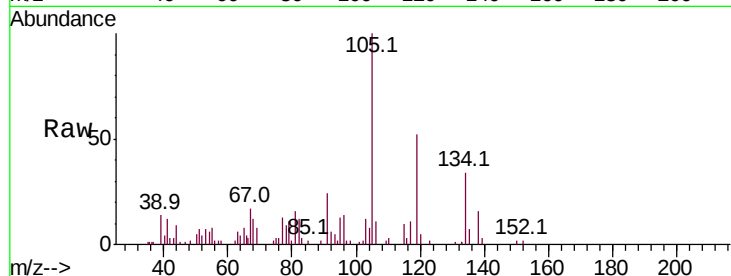
Tot Ion: 91 Resp: 2692

Ion Ratio Lower Upper

91 100

92 34.0 27.7 83.0

134 107.5 12.9 38.6#



#90

Hexachloroethane

Concen: 2.303 ug/l

RT: 12.60 min Scan# 1922

Delta R.T. 0.01 min

Lab File: VX012511.D

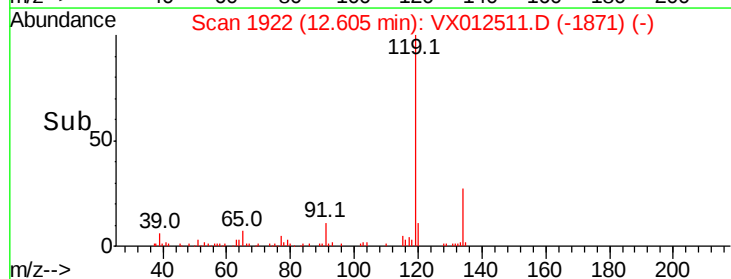
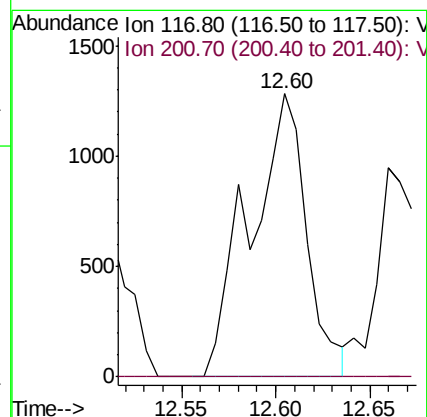
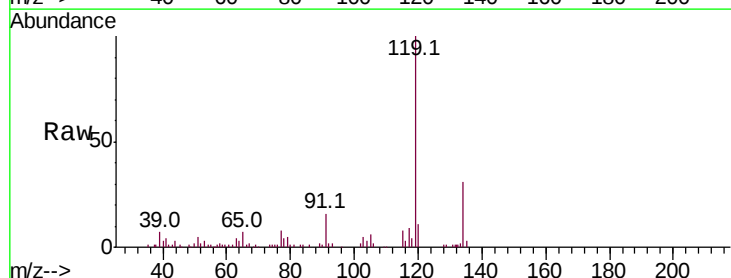
Acq: 19 Sep 2019 06:34

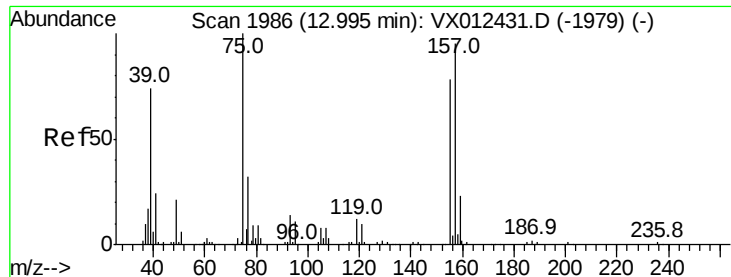
Tgt Ion: 117 Resp: 2677

Ion Ratio Lower Upper

117 100

201 0.0 33.3 99.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.386 ug/l

RT: 13.01 min Scan# 1989

Delta R.T. 0.02 min

Lab File: VX012511.D

Acq: 19 Sep 2019 06:34

Instrument :

MSVOA_X

ClientSampleId :

S13-0281

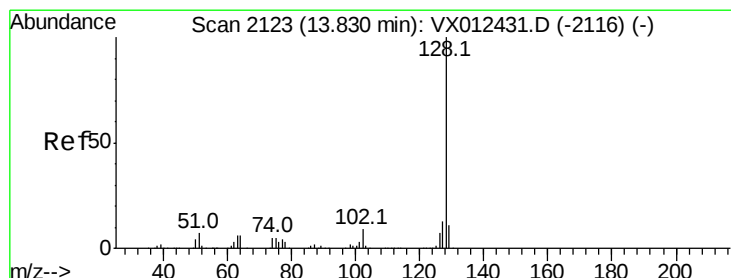
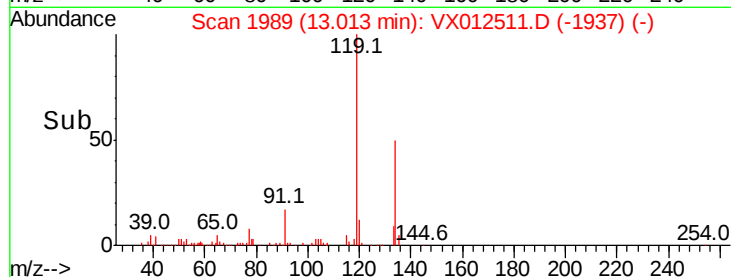
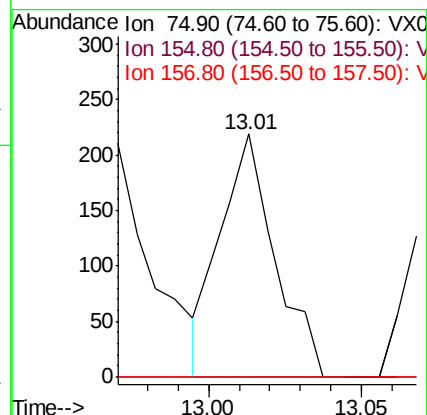
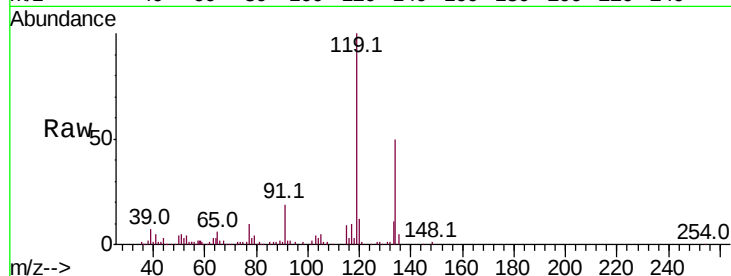
Tot Ion: 75 Resp: 269

Ion Ratio Lower Upper

75 100

155 0.0 38.6 115.8#

157 0.0 50.6 151.9#



#95

Naphthalene

Concen: 0.203 ug/l

RT: 13.84 min Scan# 2124

Delta R.T. 0.01 min

Lab File: VX012511.D

Acq: 19 Sep 2019 06:34

Tgt Ion: 128 Resp: 1529

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

129 44.1 8.8 13.2#

