

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091919\
 Data File : VX012527.D
 Acq On : 19 Sep 2019 14:47
 Operator : JC/SP
 Sample : K4858-24
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D3-20190911

Quant Time: Sep 20 04:33:17 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	195087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	307333	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255770	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	98366	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	128742	46.05	ug/l	0.00
Spiked Amount			Recovery	=	92.10%	
35) Dibromofluoromethane	5.49	113	89583	48.16	ug/l	0.00
Spiked Amount			Recovery	=	96.32%	
50) Toluene-d8	8.71	98	353677	51.37	ug/l	0.00
Spiked Amount			Recovery	=	102.74%	
62) 4-Bromofluorobenzene	11.14	95	122788	42.95	ug/l	0.00
Spiked Amount			Recovery	=	85.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	2231	2.092	ug/l	91
3) Chloromethane	1.31	50	496	0.462	ug/l #	85
5) Bromomethane	1.63	94	155	0.340	ug/l #	13
6) Chloroethane	1.69	64	725	0.799	ug/l #	45
7) Trichlorofluoromethane	1.93	101	471	0.222	ug/l	90
8) Diethyl Ether	2.20	74	282	0.294	ug/l	72
9) 1,1,2-Trichlorotrifluoroet	2.37	101	11187	7.276	ug/l	99
10) Methyl Iodide	2.50	142	315	4.660	ug/l #	89
11) Tert butyl alcohol	3.08	59	54	Below Cal	#	1
12) 1,1-Dichloroethene	2.36	96	1538	1.254	ug/l #	85
13) Acrolein	2.31	56	129	Below Cal	#	15
16) Acetone	2.43	43	2518	Below Cal		95
17) Carbon Disulfide	2.56	76	270	1.956	ug/l #	12
24) 1,1-Dichloroethane	3.69	63	1134	0.354	ug/l #	77
27) cis-1,2-Dichloroethene	4.59	96	3093	1.626	ug/l	91
30) Chloroform	5.20	83	1180	0.321	ug/l #	72
31) Cyclohexane	5.58	56	1236	0.640	ug/l #	60
32) 1,1,1-Trichloroethane	5.48	97	806	0.262	ug/l #	23
36) 1,1-Dichloropropene	5.65	75	16138	8.640	ug/l #	52
38) Carbon Tetrachloride	5.65	117	21111	9.088	ug/l #	16
39) Methylcyclohexane	7.47	83	1497	0.824	ug/l #	84
42) 1,2-Dichloroethane	6.18	62	598	0.217	ug/l	76
44) Trichloroethene	7.21	130	176346	112.867	ug/l	97
49) 1,4-Dioxane	7.74	88	1389	23.527	ug/l #	83
55) 1,1,2-Trichloroethane	9.21	97	399	0.202	ug/l #	71
60) Dibromochloromethane	9.32	129	2374	1.182	ug/l #	11
64) Tetrachloroethene	9.33	164	2546	2.172	ug/l #	88
67) Ethyl Benzene	10.25	91	5941	0.819	ug/l	89
68) m/p-Xylenes	10.36	106	3124	1.184	ug/l	97
73) Isopropylbenzene	11.01	105	1605	0.260	ug/l	95
76) 1,2,3-Trichloropropane	11.13	75	63364	28.043	ug/l #	38
78) n-propylbenzene	11.36	91	2461	0.358	ug/l	86
81) trans-1,4-Dichloro-2-buten	11.13	75	63364	75.317	ug/l #	8
84) 1,2,4-Trimethylbenzene	11.81	105	7934	1.468	ug/l	97

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Response via : Initial Calibration

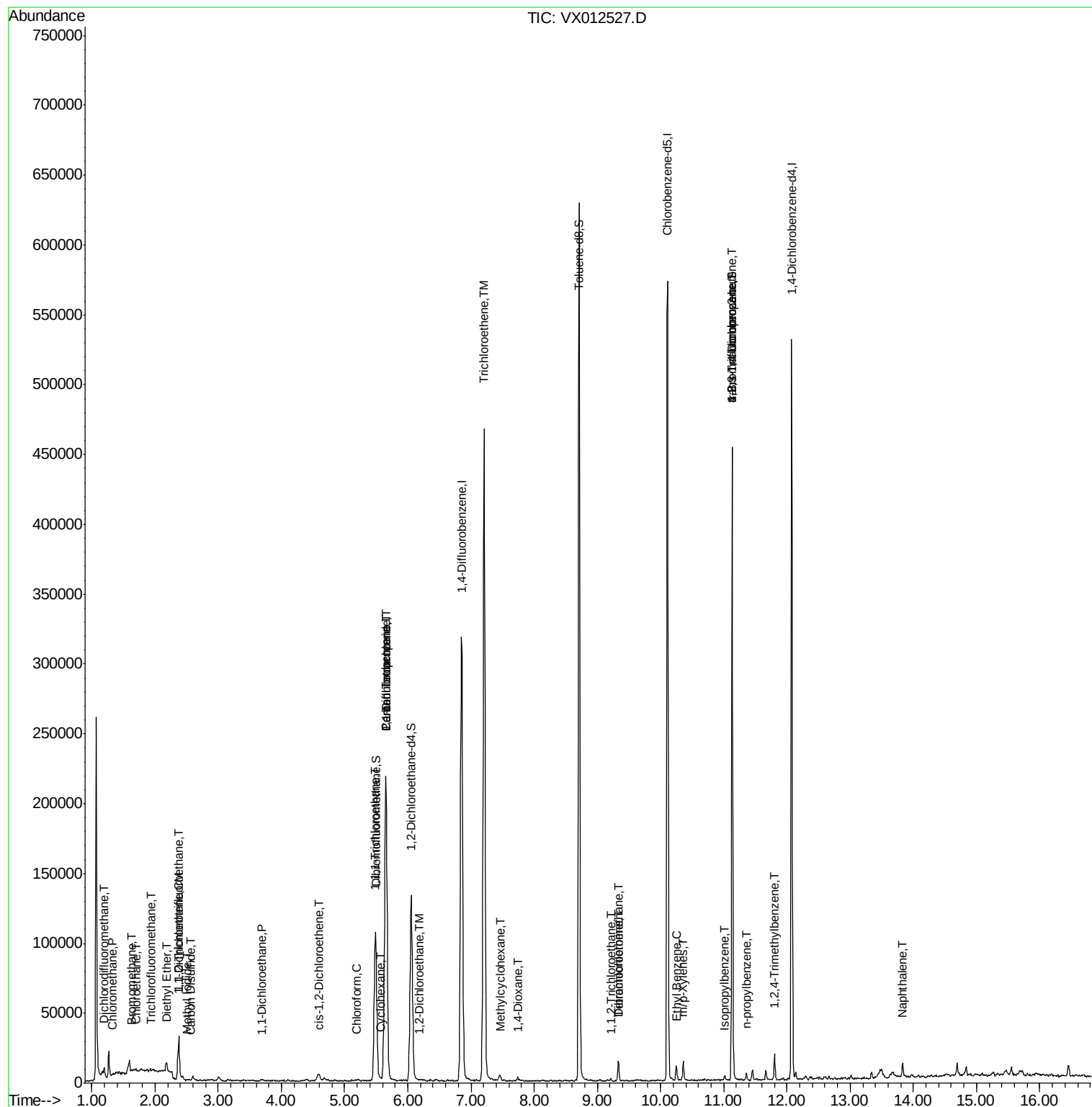
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	5625	0.829	ug/l #	94

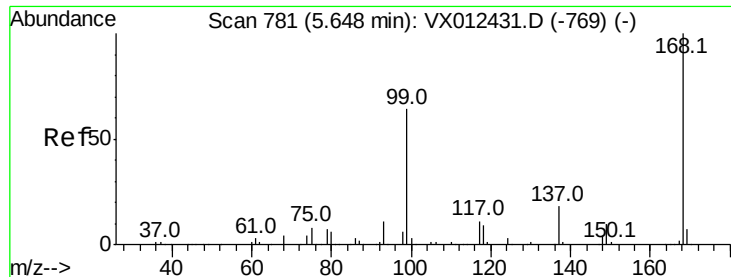
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012527.D

Acq: 19 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

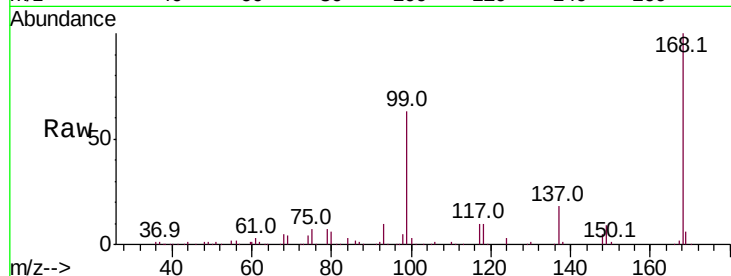
RE132D3-20190911

Tot Ion:168 Resp: 195087

Ion Ratio Lower Upper

168 100

99 62.6 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

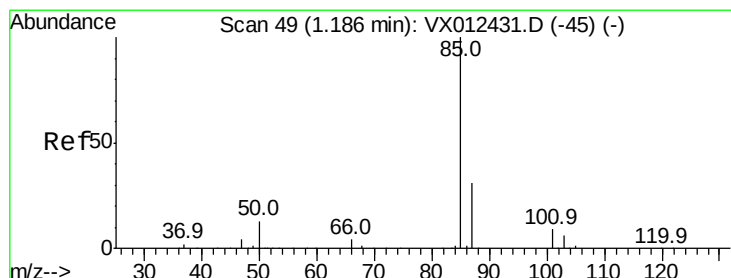
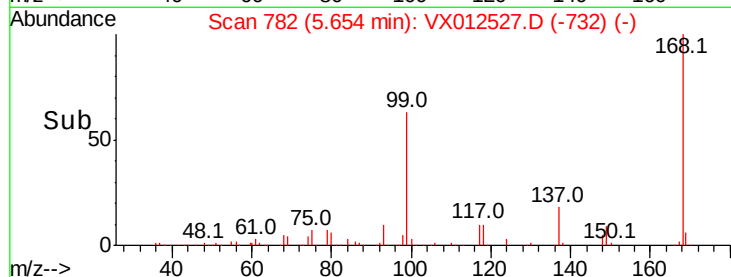
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 2.092 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012527.D

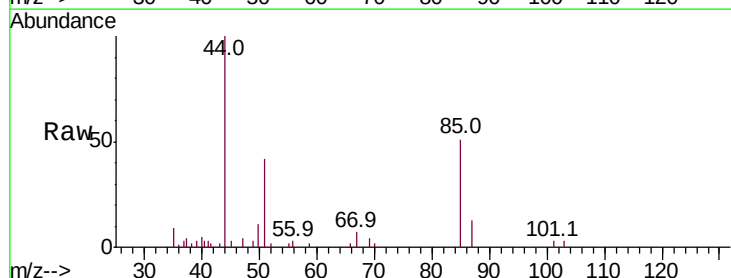
Acq: 19 Sep 2019 14:47

Tgt Ion: 85 Resp: 2231

Ion Ratio Lower Upper

85 100

87 26.1 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

2000

1500

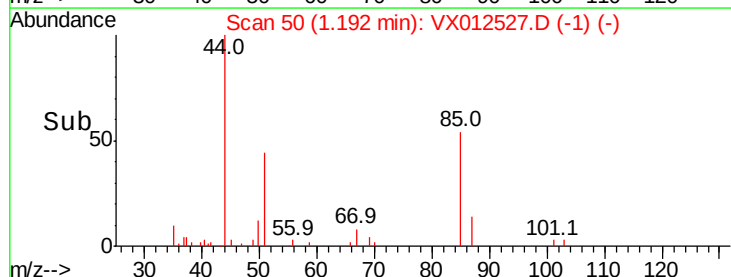
1000

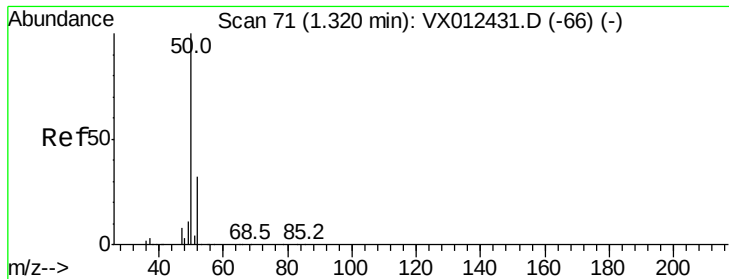
500

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 0.462 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012527.D

Acq: 19 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

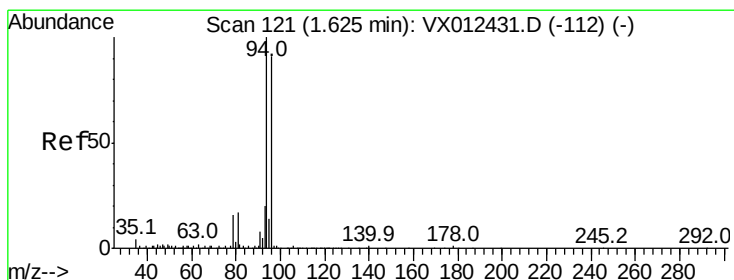
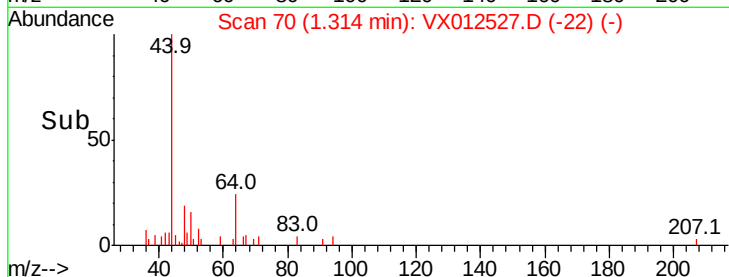
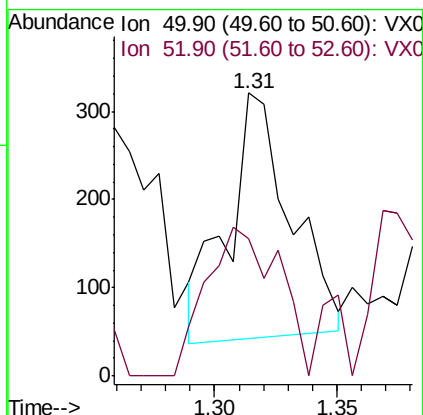
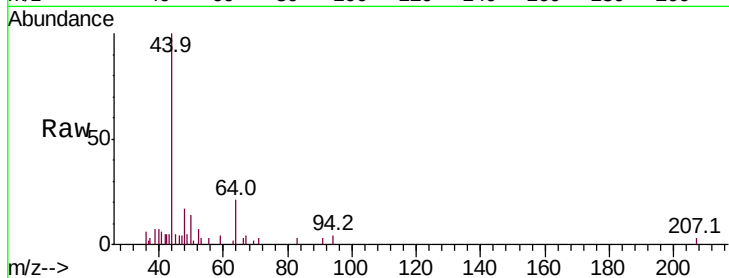
RE132D3-20190911

Tot Ion: 50 Resp: 496

Ion Ratio Lower Upper

50 100

52 40.3 25.7 38.5#



#5

Bromomethane

Concen: 0.340 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012527.D

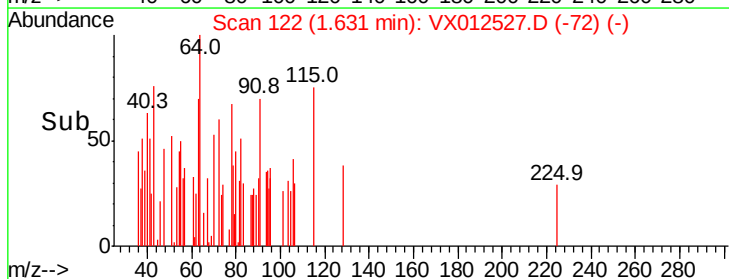
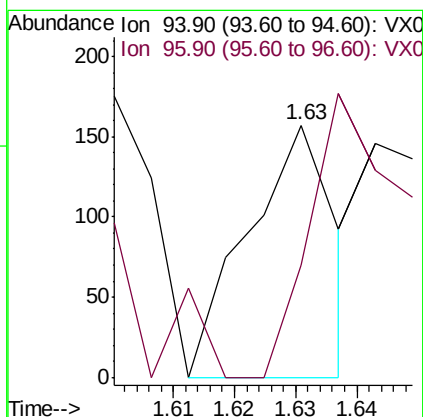
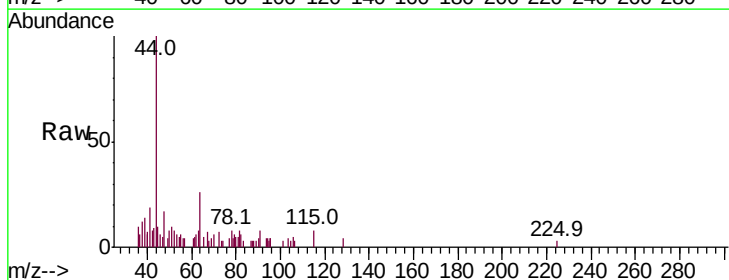
Acq: 19 Sep 2019 14:47

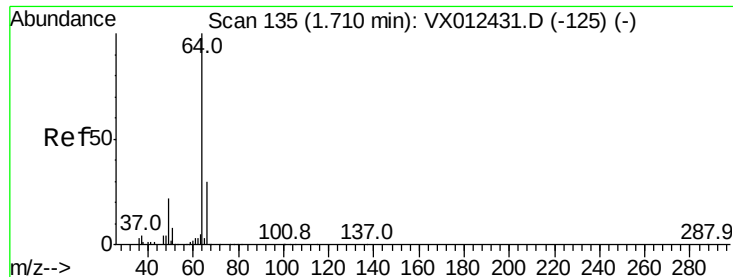
Tgt Ion: 94 Resp: 155

Ion Ratio Lower Upper

94 100

96 8.9 72.8 109.2#





#6

Chloroethane

Concen: 0.799 ug/l

RT: 1.69 min Scan# 132

Delta R.T. -0.02 min

Lab File: VX012527.D

Acq: 19 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

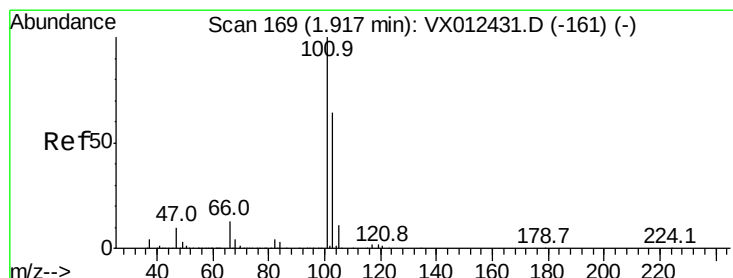
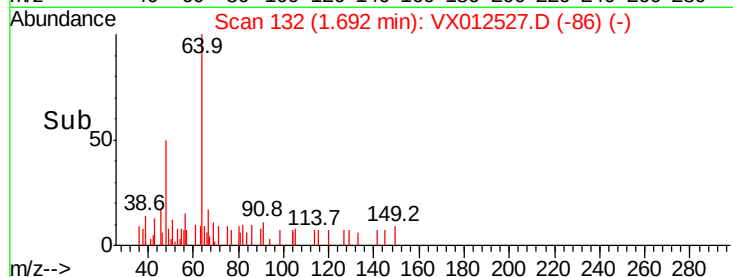
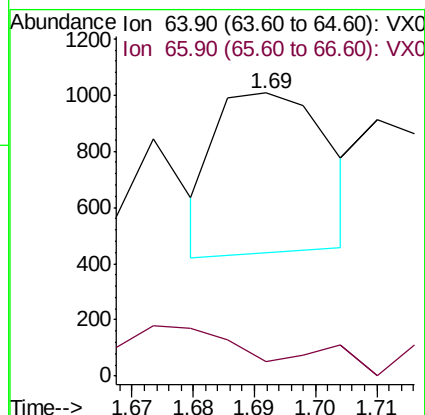
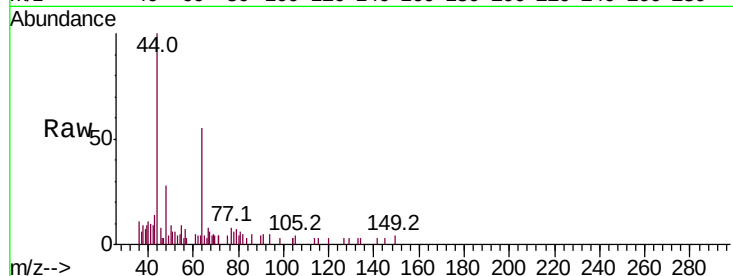
RE132D3-20190911

Tot Ion: 64 Resp: 725

Ion Ratio Lower Upper

64 100

66 0.0 24.0 36.0#



#7

Trichlorofluoromethane

Concen: 0.222 ug/l

RT: 1.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VX012527.D

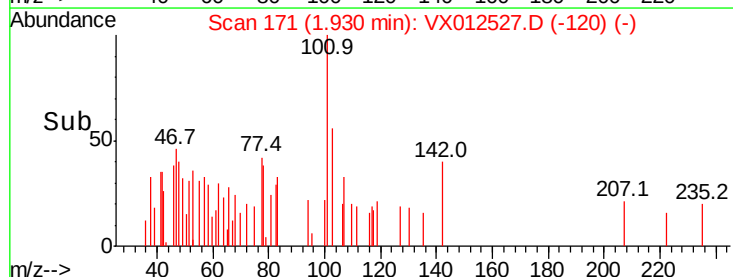
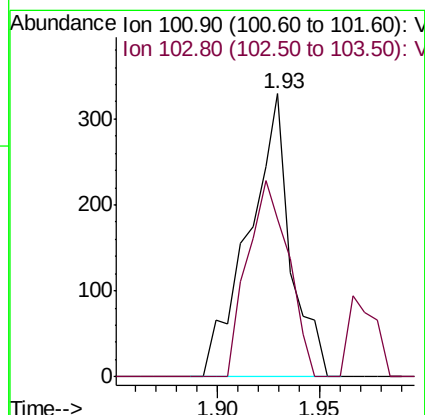
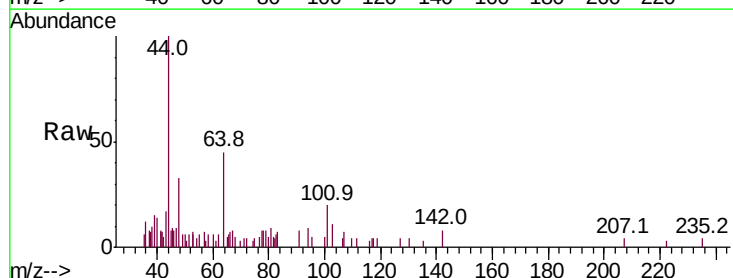
Acq: 19 Sep 2019 14:47

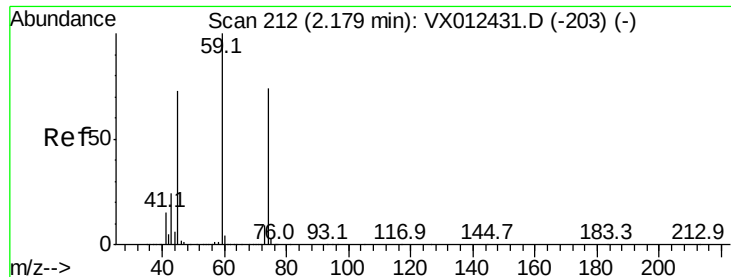
Tgt Ion: 101 Resp: 471

Ion Ratio Lower Upper

101 100

103 55.6 51.0 76.4





#8

Diethyl Ether

Concen: 0.294 ug/l

RT: 2.20 min Scan# 215

Delta R.T. 0.02 min

Lab File: VX012527.D

Acq: 19 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

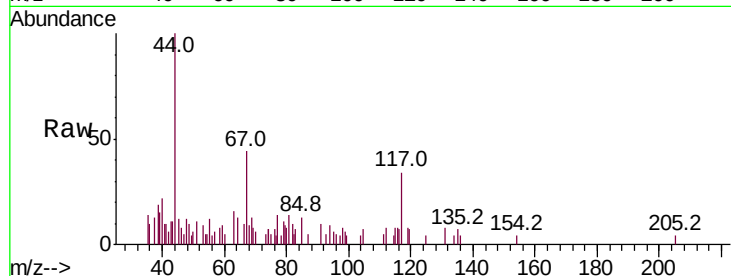
RE132D3-20190911

Tot Ion: 74 Resp: 282

Ion Ratio Lower Upper

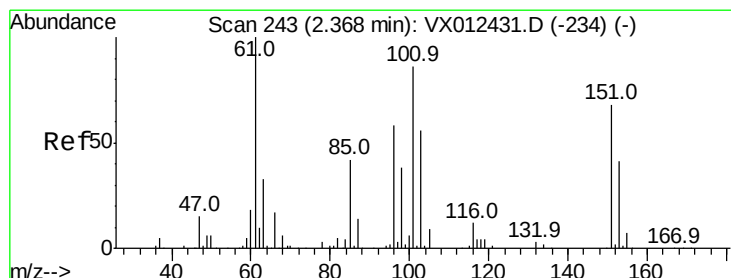
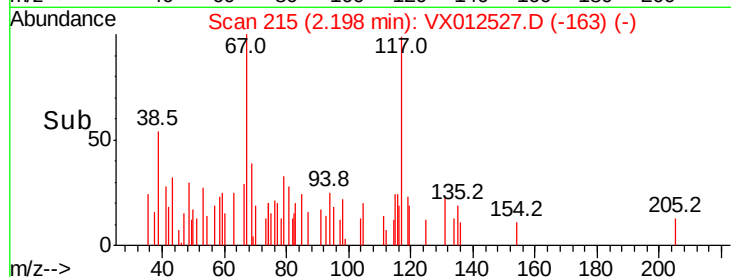
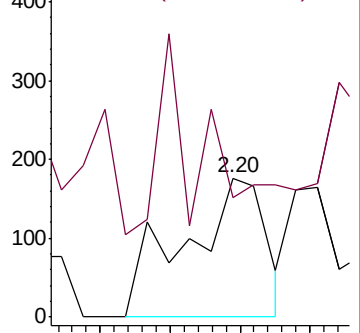
74 100

45 71.6 49.9 149.7



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 7.276 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012527.D

Acq: 19 Sep 2019 14:47

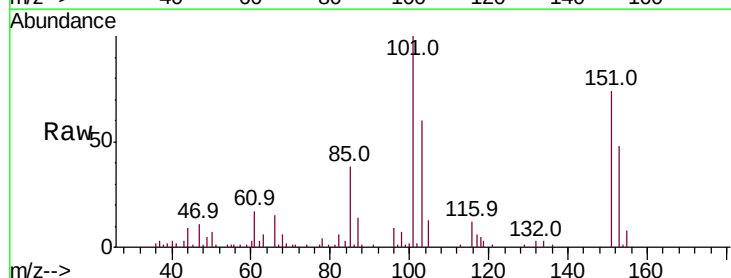
Tgt Ion: 101 Resp: 11187

Ion Ratio Lower Upper

101 100

85 45.7 37.3 55.9

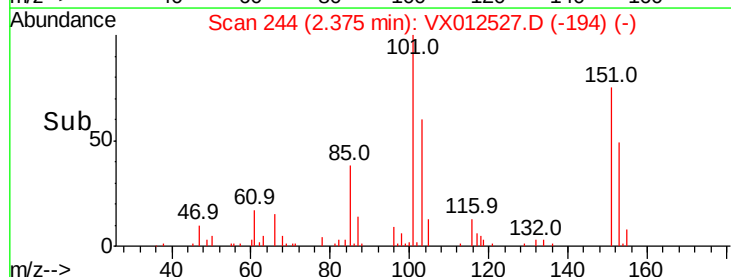
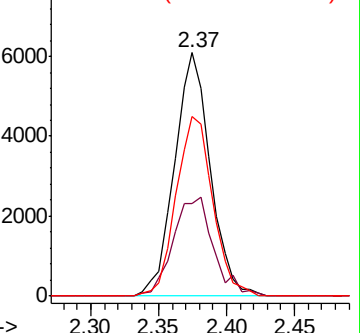
151 75.5 61.0 91.4

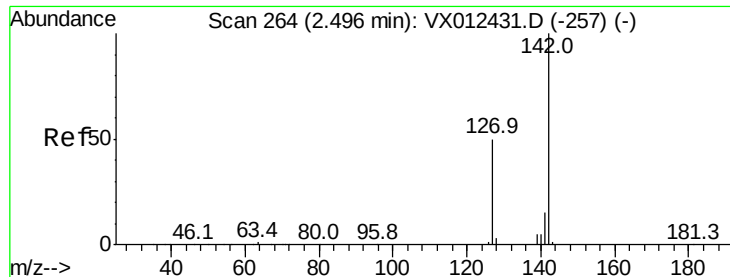


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

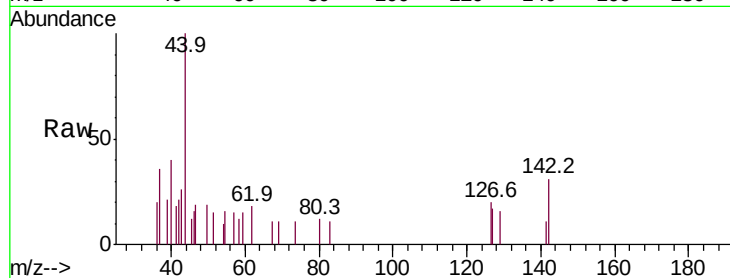




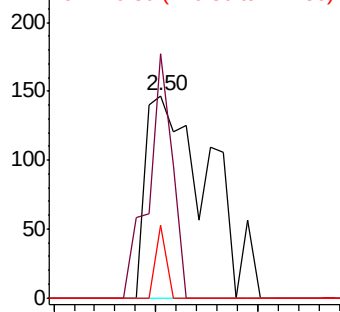
#10
Methyl Iodide
Concen: 4.660 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX012527.D
Acq: 19 Sep 2019 14:47

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20190911

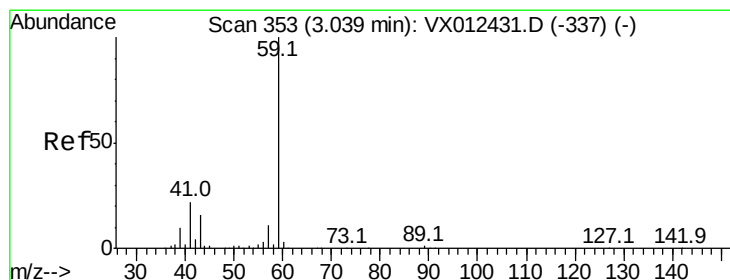
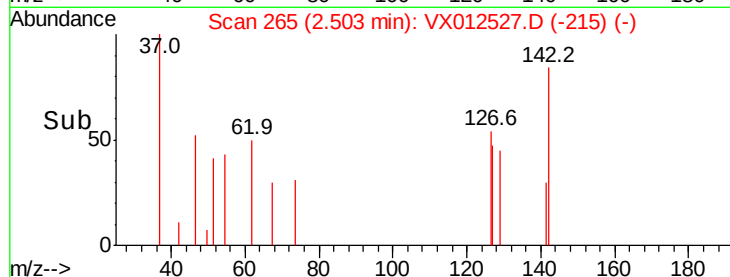
Tot Ion:142 Resp: 315
Ion Ratio Lower Upper
142 100
127 45.4 40.8 61.2
141 6.0 12.1 18.1#



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

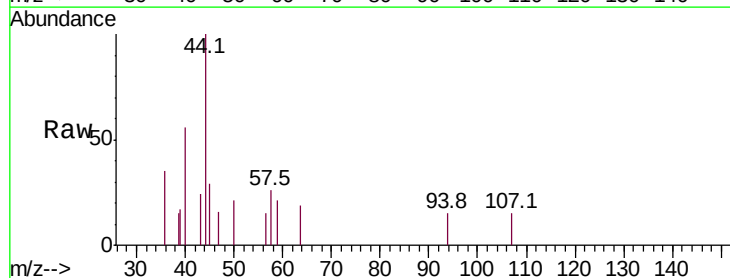


Time--> 2.45 2.50 2.55

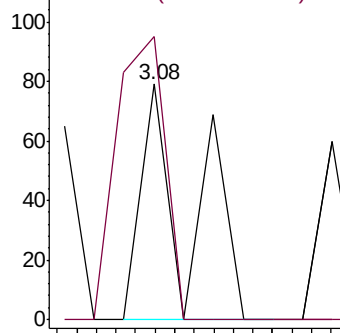


#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.08 min Scan# 359
Delta R.T. 0.04 min
Lab File: VX012527.D
Acq: 19 Sep 2019 14:47

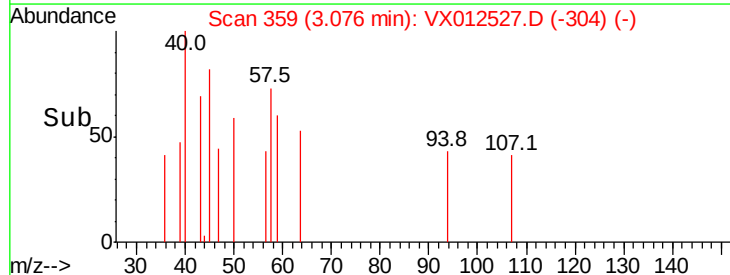
Tgt Ion: 59 Resp: 54
Ion Ratio Lower Upper
59 100
57 120.4 8.3 12.5#

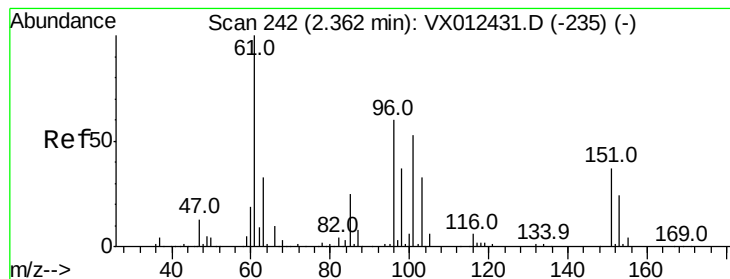


Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0



Time--> 3.06 3.08 3.10





#12

1,1-Dichloroethene

Concen: 1.254 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX012527.D

Acq: 19 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

RE132D3-20190911

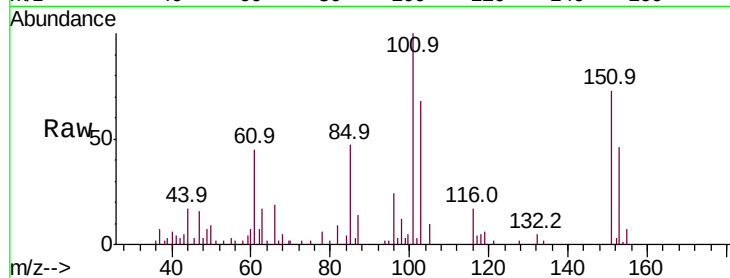
Tot Ion: 96 Resp: 1538

Ion Ratio Lower Upper

96 100

61 187.6 133.8 200.6

98 49.7 49.9 74.9#

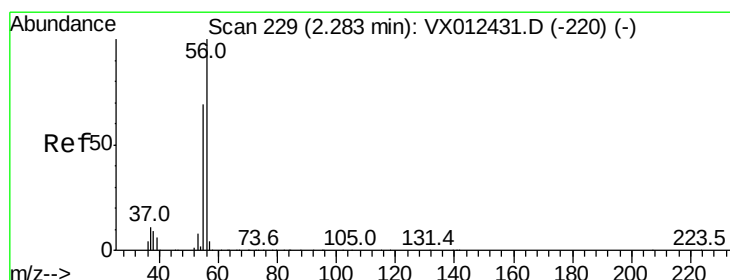
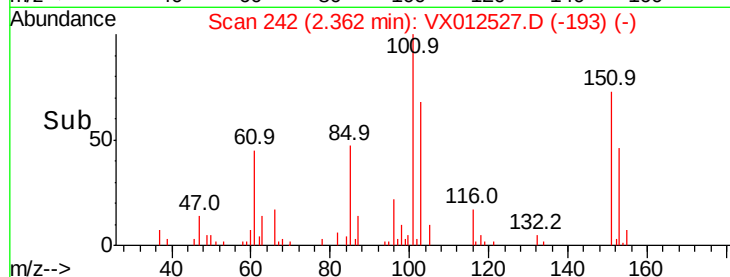
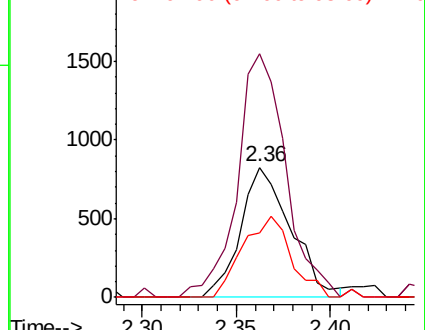


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#13

Acrolein

Concen: Below Cal

RT: 2.31 min Scan# 233

Delta R.T. 0.02 min

Lab File: VX012527.D

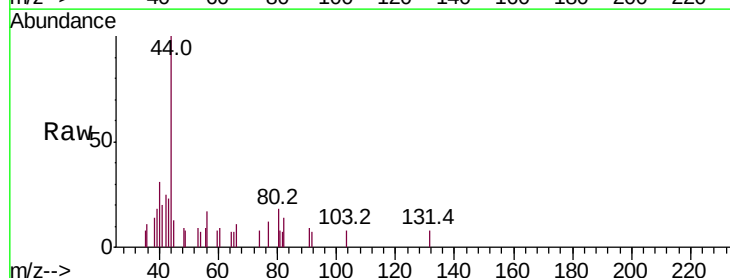
Acq: 19 Sep 2019 14:47

Tgt Ion: 56 Resp: 129

Ion Ratio Lower Upper

56 100

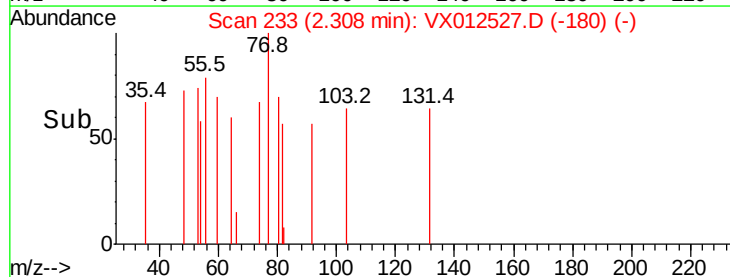
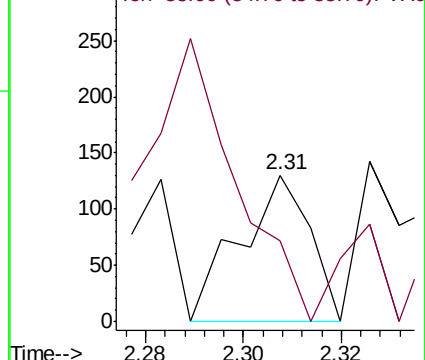
55 0.0 55.8 83.8#

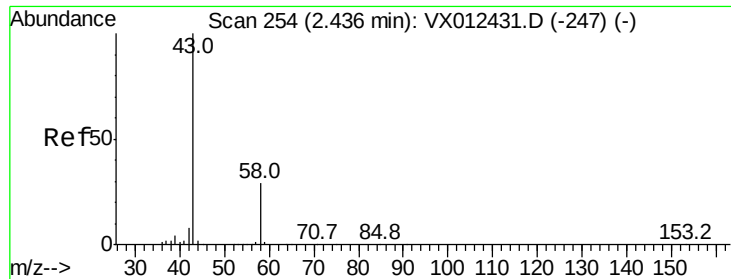


Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: Below Cal

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012527.D

Acq: 19 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

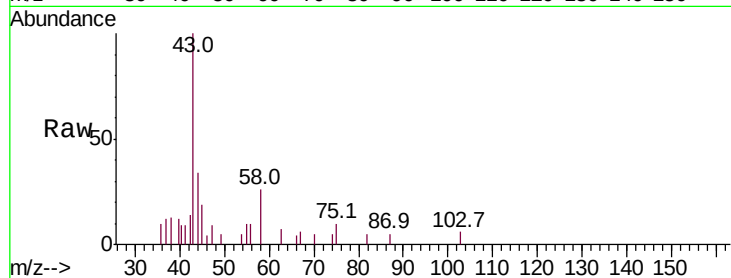
RE132D3-20190911

Tot Ion: 43 Resp: 2518

Ion Ratio Lower Upper

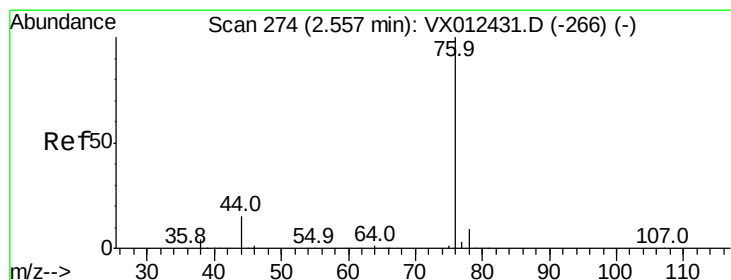
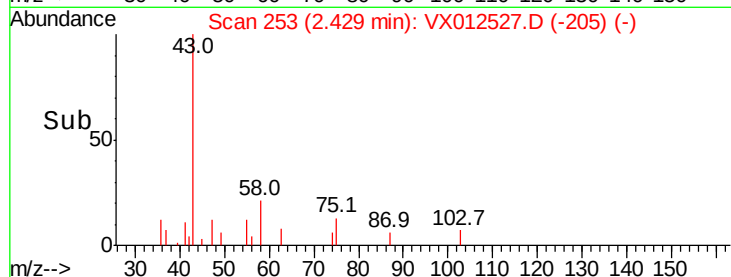
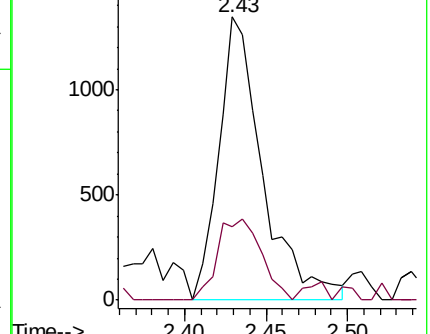
43 100

58 26.2 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 1.956 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX012527.D

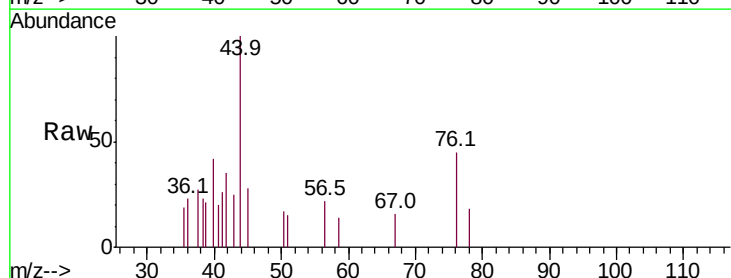
Acq: 19 Sep 2019 14:47

Tgt Ion: 76 Resp: 270

Ion Ratio Lower Upper

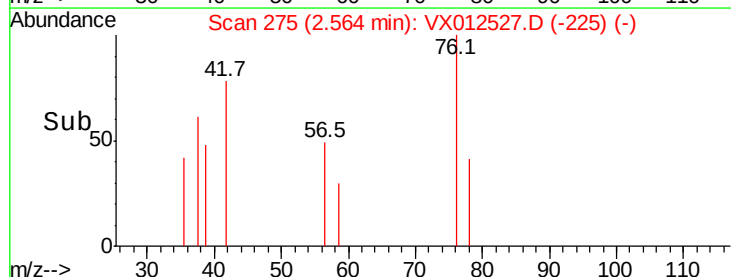
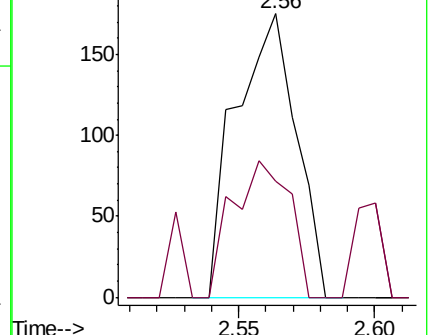
76 100

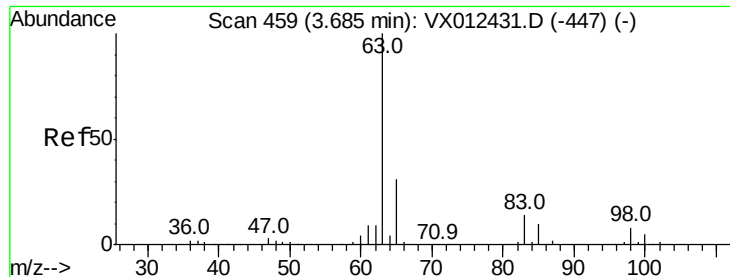
78 41.1 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0





#24

1,1-Dichloroethane

Concen: 0.354 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012527.D

Acq: 19 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

RE132D3-20190911

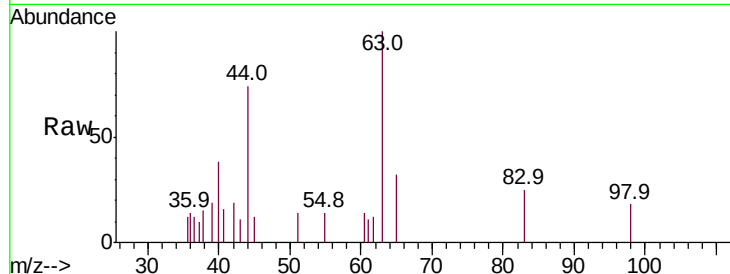
Tot Ion: 63 Resp: 1134

Ion Ratio Lower Upper

63 100

98 17.9 3.9 11.7#

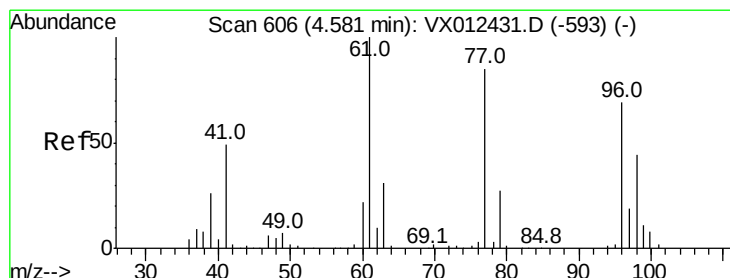
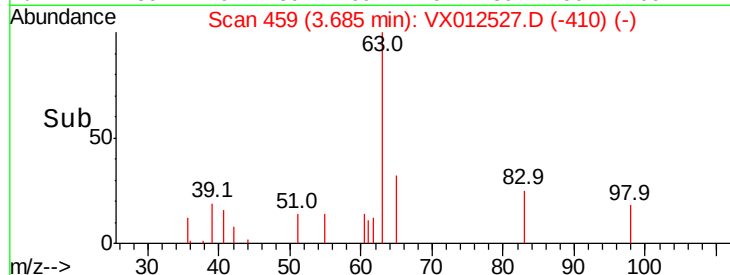
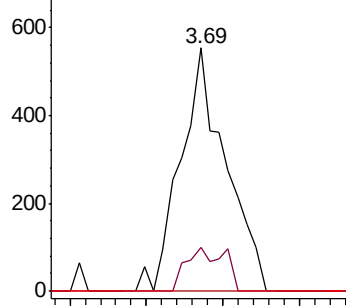
100 0.0 2.3 6.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 1.626 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX012527.D

Acq: 19 Sep 2019 14:47

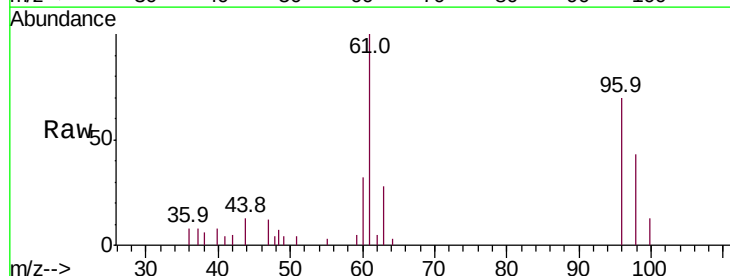
Tgt Ion: 96 Resp: 3093

Ion Ratio Lower Upper

96 100

61 149.3 0.0 319.4

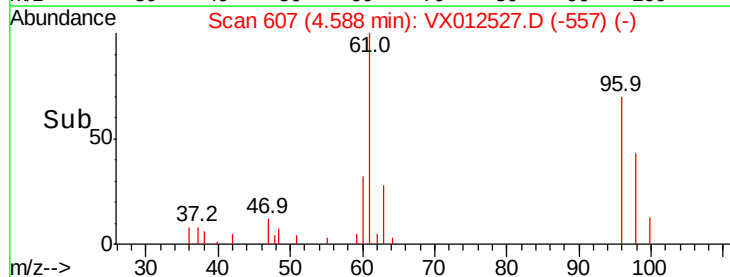
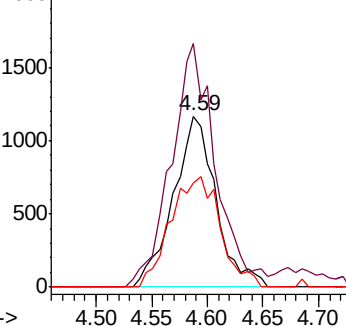
98 75.7 0.0 130.6

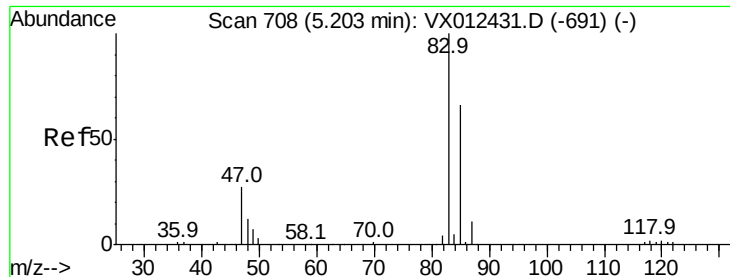


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#30

Chloroform

Concen: 0.321 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX012527.D

Acq: 19 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

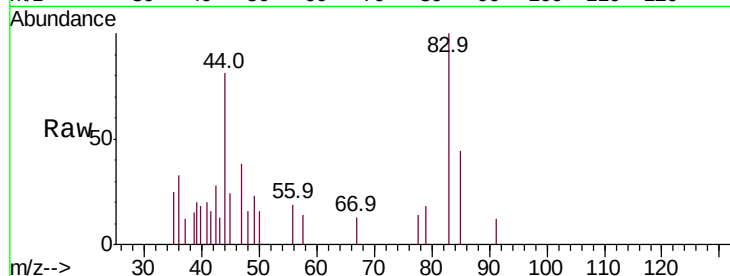
RE132D3-20190911

Tot Ion: 83 Resp: 1180

Ion Ratio Lower Upper

83 100

85 43.5 53.0 79.4#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

5.20

400

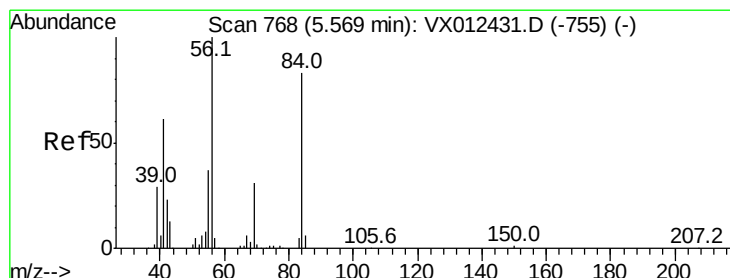
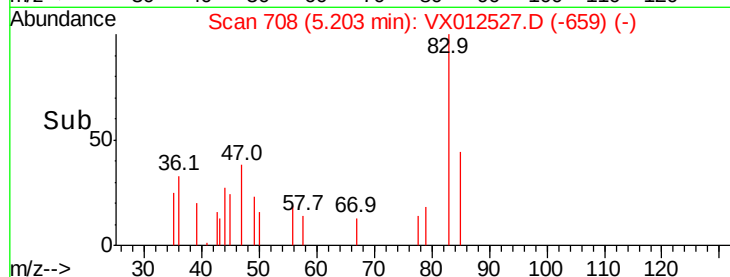
300

200

100

0

Time-->



#31

Cyclohexane

Concen: 0.640 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX012527.D

Acq: 19 Sep 2019 14:47

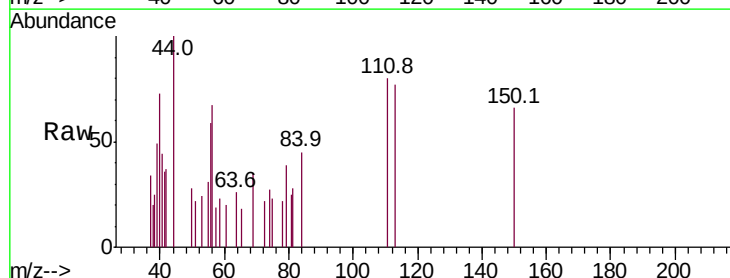
Tgt Ion: 56 Resp: 1236

Ion Ratio Lower Upper

56 100

69 27.5 25.0 37.6

84 35.6 66.4 99.6#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

4000

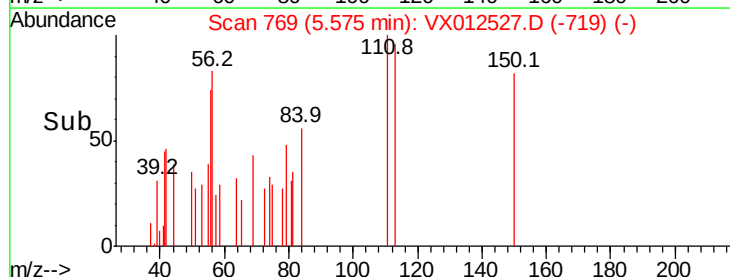
3000

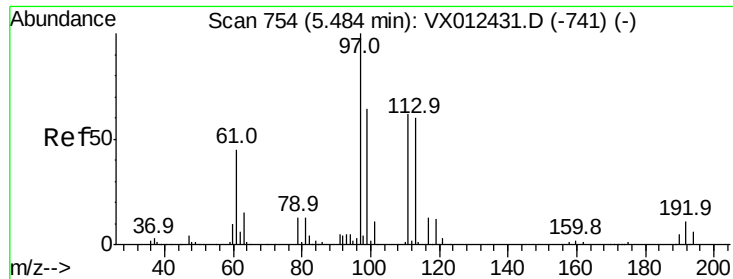
2000

1000

0

Time-->





#32

1,1,1-Trichloroethane

Concen: 0.262 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX012527.D

Acq: 19 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

RE132D3-20190911

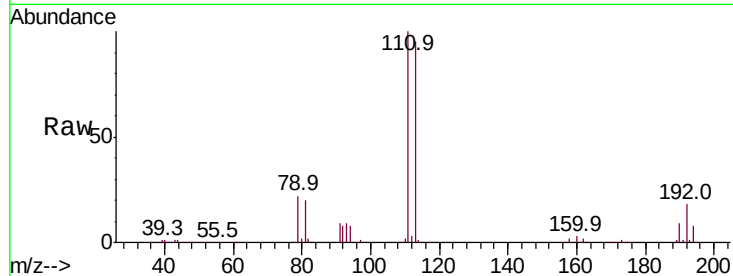
Tot Ion: 97 Resp: 806

Ion Ratio Lower Upper

97 100

99 0.0 51.3 76.9#

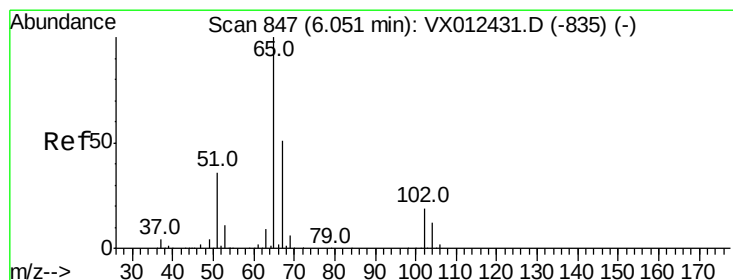
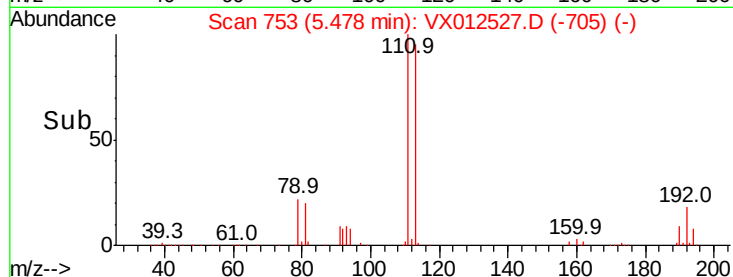
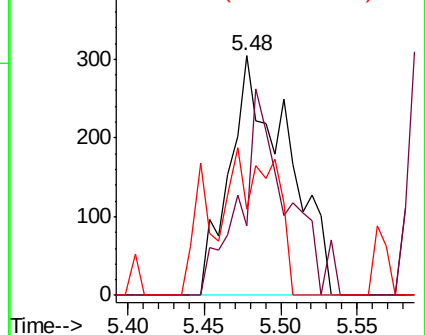
61 0.0 36.1 54.1#



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.045 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012527.D

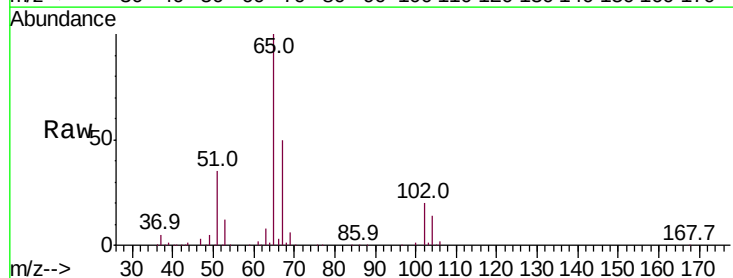
Acq: 19 Sep 2019 14:47

Tgt Ion: 65 Resp: 128742

Ion Ratio Lower Upper

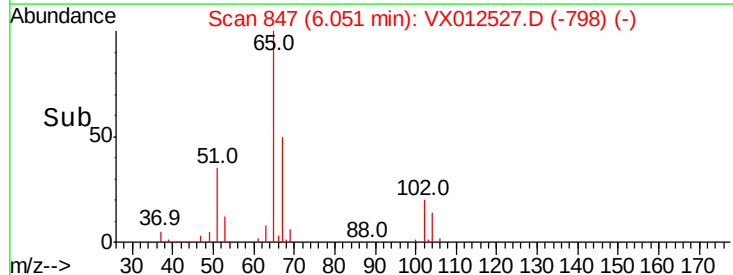
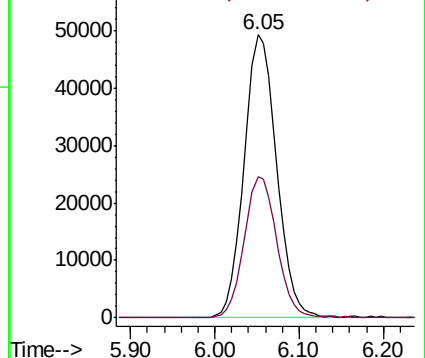
65 100

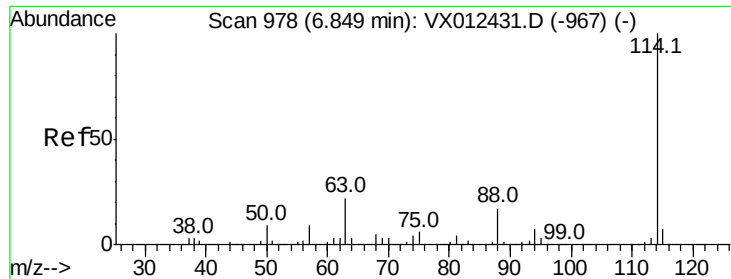
67 50.2 0.0 101.2



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: VX012527.D

Acq: 19 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

RE132D3-20190911

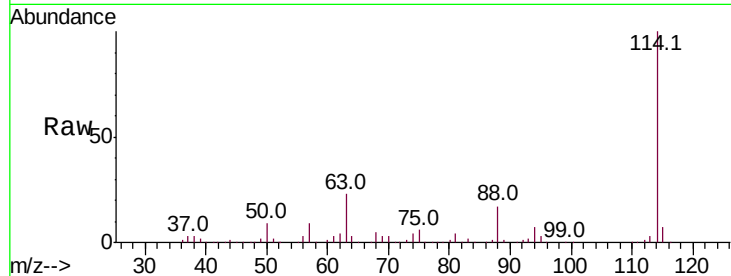
Tot Ion:114 Resp: 307333

Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.2

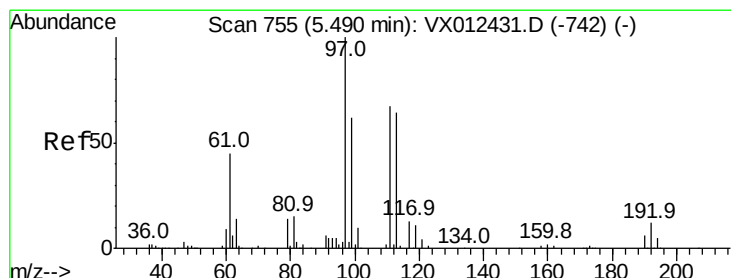
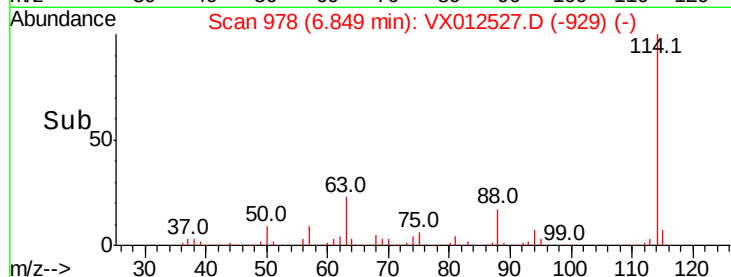
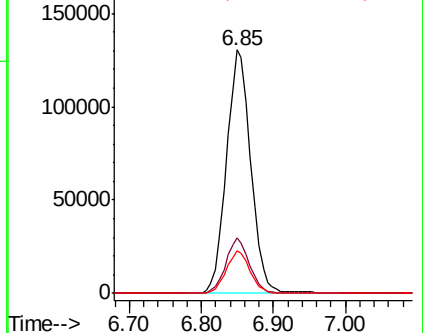
88 17.3 0.0 33.2



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: 48.159 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012527.D

Acq: 19 Sep 2019 14:47

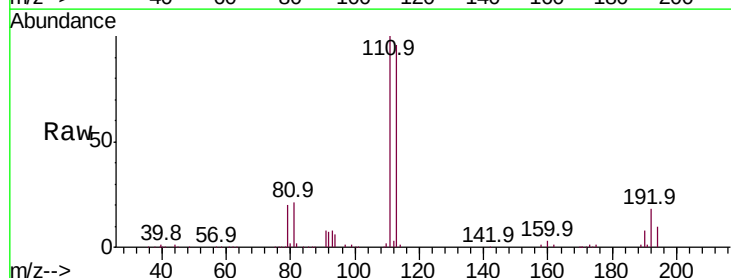
Tgt Ion:113 Resp: 89583

Ion Ratio Lower Upper

113 100

111 104.0 83.4 125.2

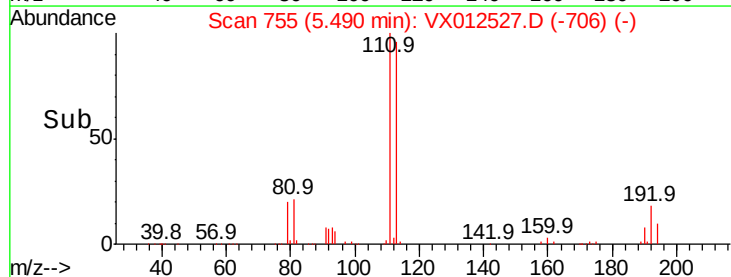
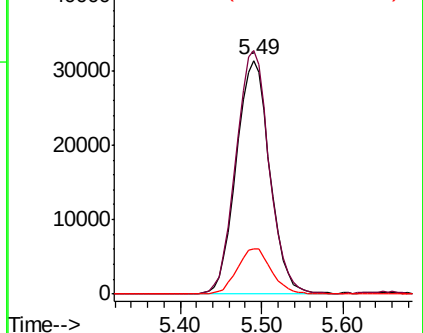
192 19.6 14.4 21.6

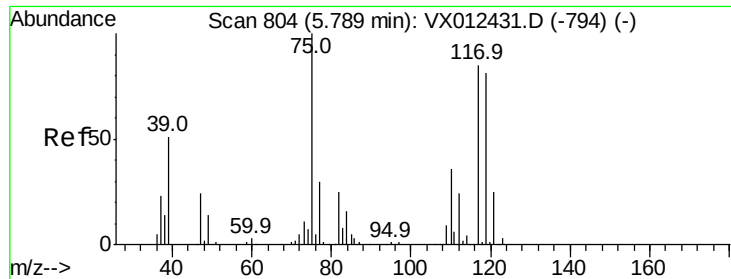


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

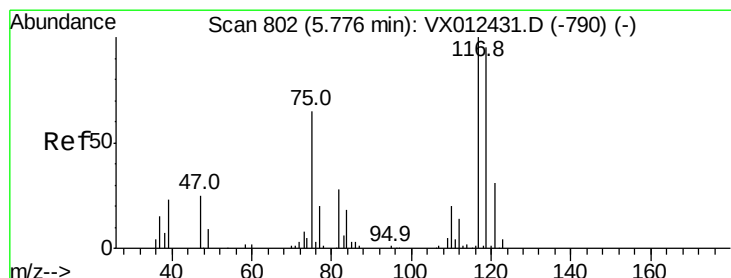
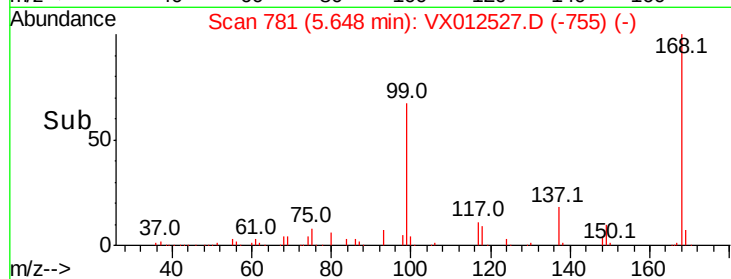
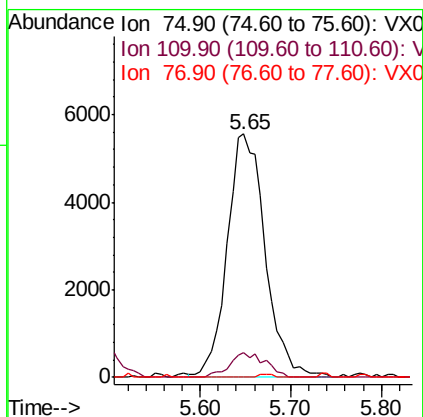
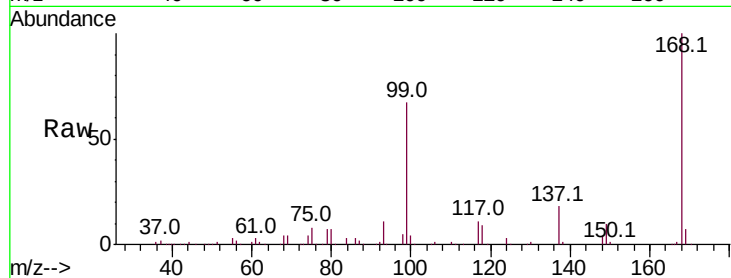




#36
 1,1-Dichloropropene
 Concen: 8.640 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012527.D
 Acq: 19 Sep 2019 14:47

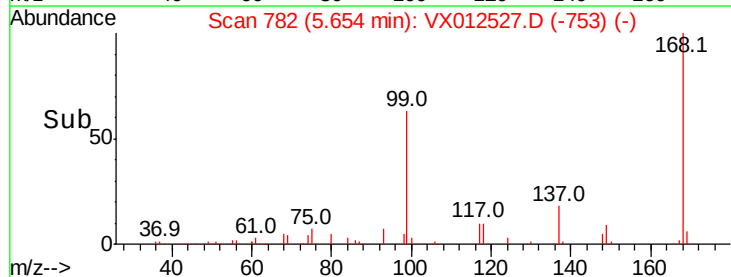
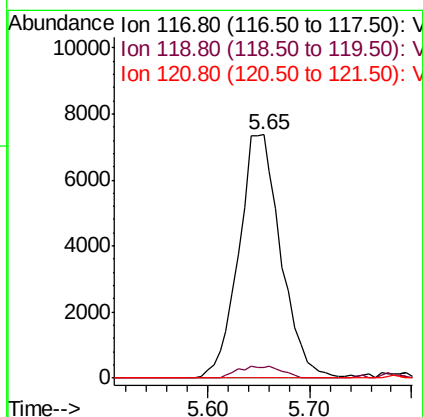
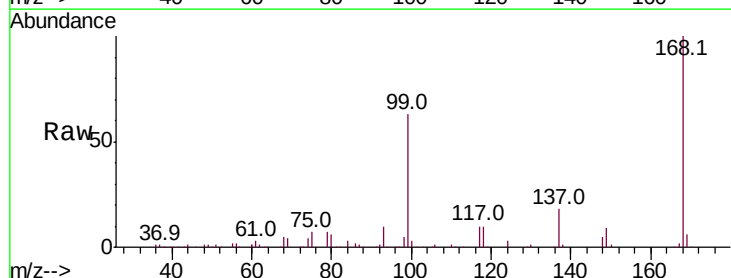
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D3-20190911

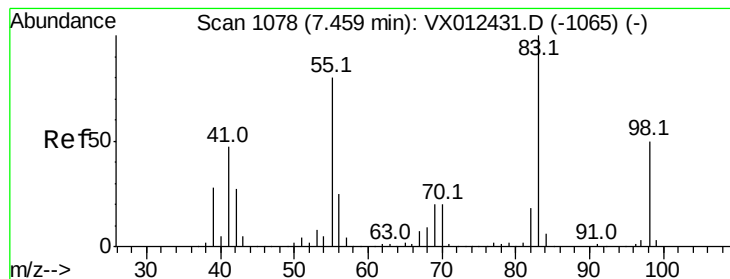
Tot Ion: 75 Resp: 16138
 Ion Ratio Lower Upper
 75 100
 110 9.5 16.7 50.0#
 77 0.4 24.2 36.2#



#38
 Carbon Tetrachloride
 Concen: 9.088 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.12 min
 Lab File: VX012527.D
 Acq: 19 Sep 2019 14:47

Tgt Ion: 117 Resp: 21111
 Ion Ratio Lower Upper
 117 100
 119 4.6 75.7 113.5#
 121 0.0 24.2 36.4#





#39

Methvlcvclohexane

Concen: 0.824 ug/l

RT: 7.47 min Scan# 1079

Delta R.T. 0.01 min

Lab File: VX012527.D

Acq: 19 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

RE132D3-20190911

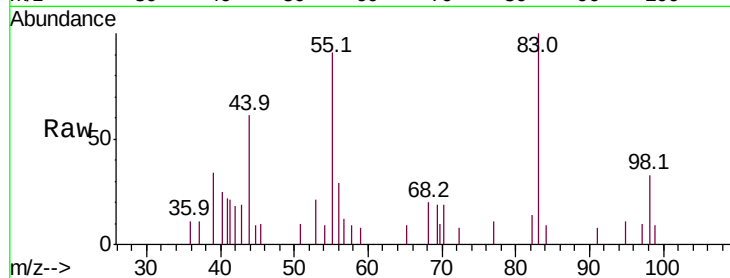
Tot Ion: 83 Resp: 1497

Ion Ratio Lower Upper

83 100

55 90.6 64.4 96.6

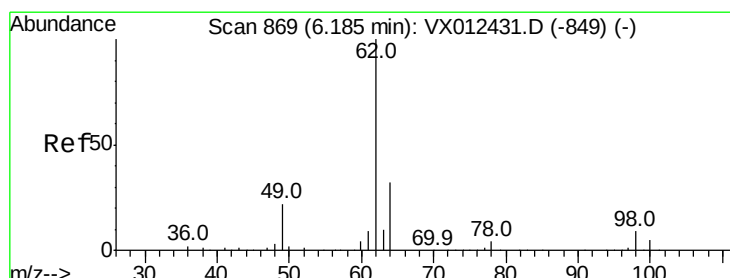
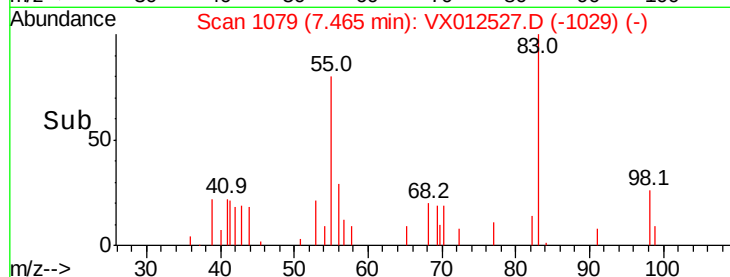
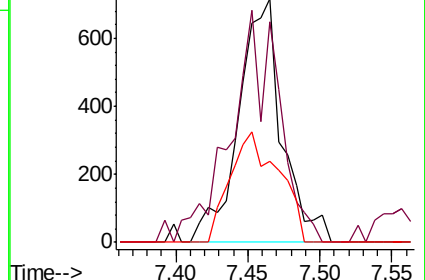
98 33.2 40.1 60.1#



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



#42

1,2-Dichloroethane

Concen: 0.217 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX012527.D

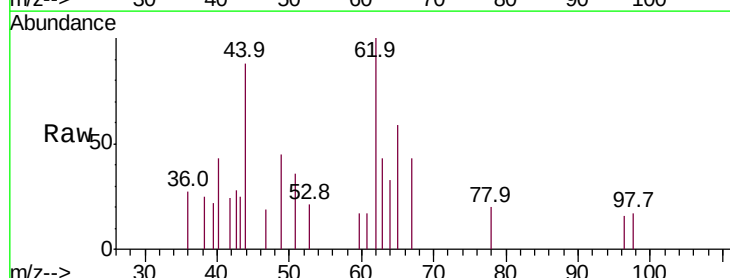
Acq: 19 Sep 2019 14:47

Tgt Ion: 62 Resp: 598

Ion Ratio Lower Upper

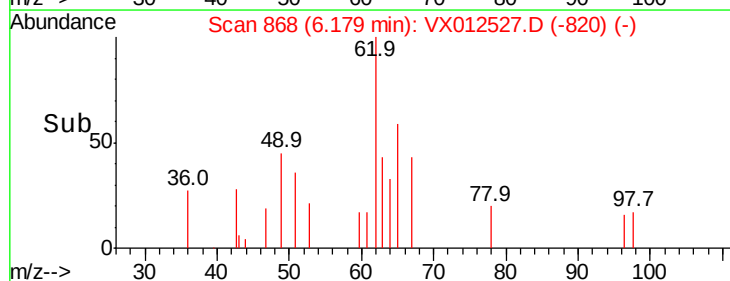
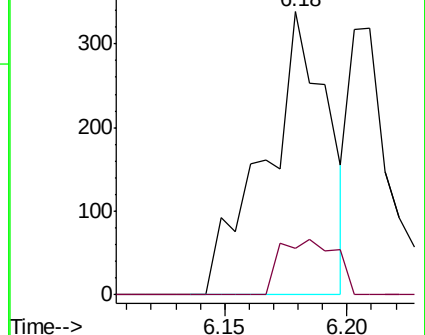
62 100

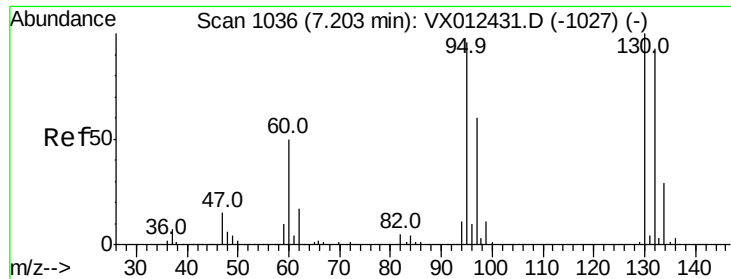
98 17.7 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#44

Trichloroethene

Concen: 112.867 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012527.D

Acq: 19 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

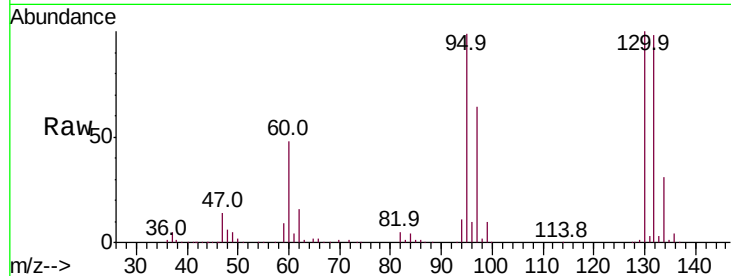
RE132D3-20190911

Tot Ion:130 Resp: 176346

Ion Ratio Lower Upper

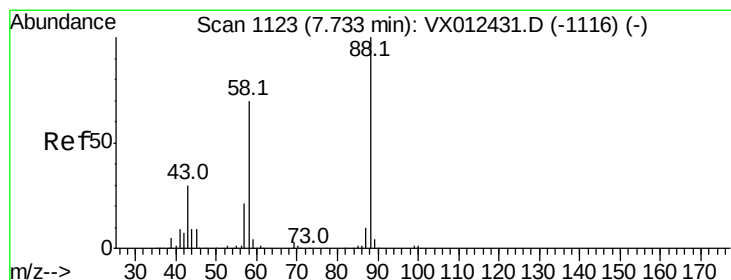
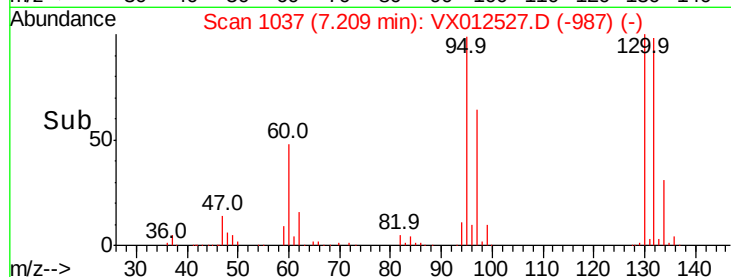
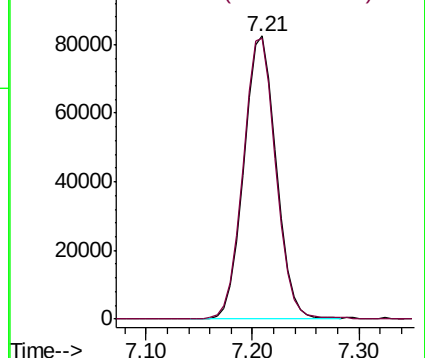
130 100

95 99.1 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 23.527 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX012527.D

Acq: 19 Sep 2019 14:47

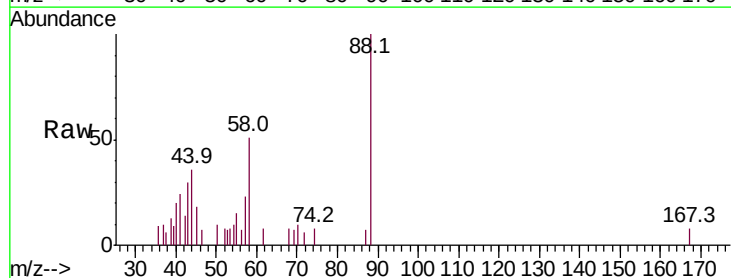
Tgt Ion: 88 Resp: 1389

Ion Ratio Lower Upper

88 100

43 27.6 29.4 44.0#

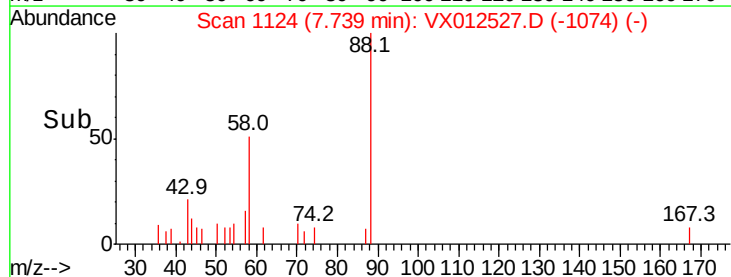
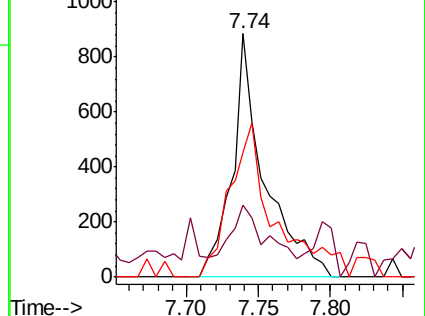
58 86.3 57.5 86.3#

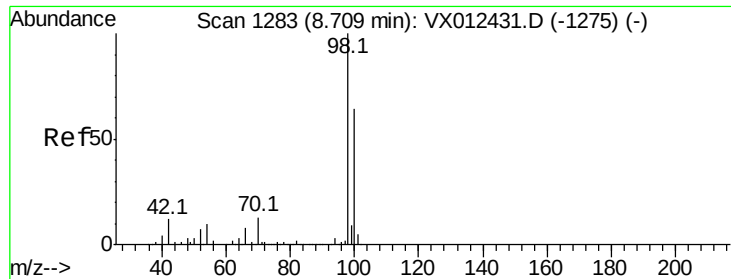


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

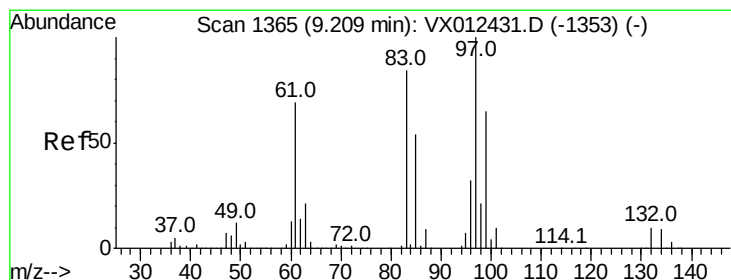
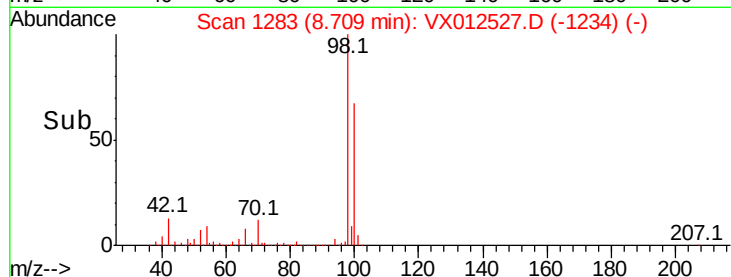
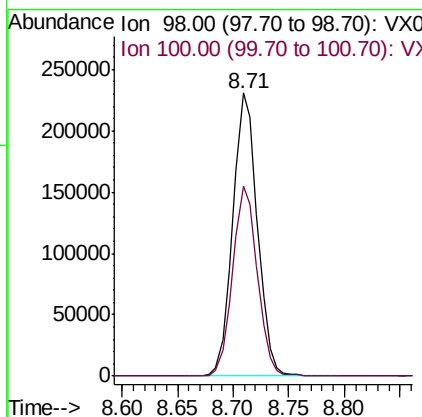
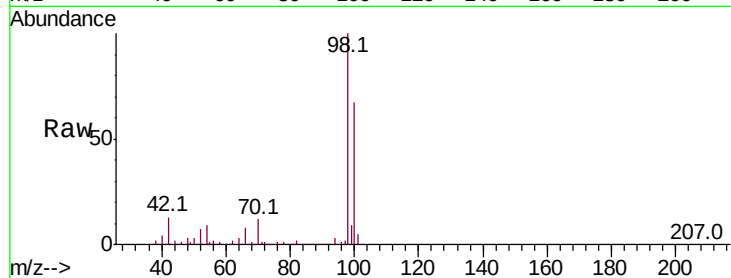




#50
Toluene-d8
Concen: 51.367 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012527.D
Acq: 19 Sep 2019 14:47

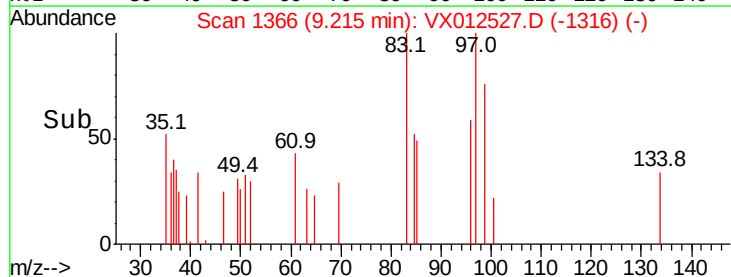
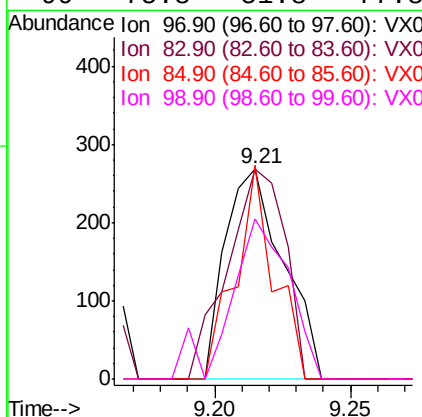
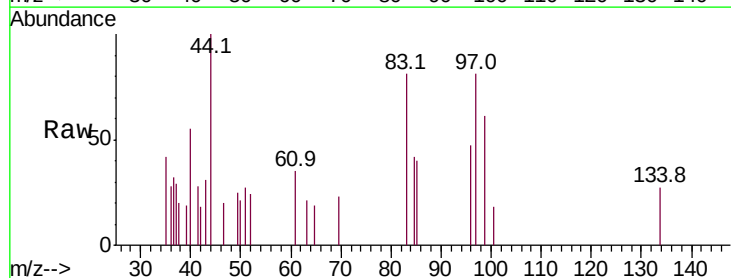
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20190911

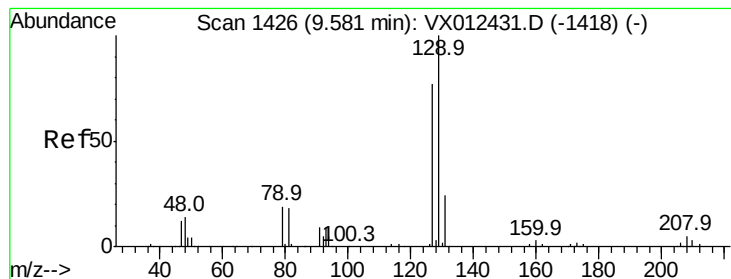
Tot Ion: 98 Resp: 353677
Ion Ratio Lower Upper
98 100
100 67.4 53.4 80.2



#55
1,1,2-Trichloroethane
Concen: 0.202 ug/l
RT: 9.21 min Scan# 1366
Delta R.T. 0.01 min
Lab File: VX012527.D
Acq: 19 Sep 2019 14:47

Tgt Ion: 97 Resp: 399
Ion Ratio Lower Upper
97 100
83 100.0 67.4 101.2
85 101.5 43.5 65.3#
99 75.8 51.8 77.8





#60

Dibromochloromethane

Concen: 1.182 ug/l

RT: 9.32 min Scan# 1384

Delta R.T. -0.26 min

Lab File: VX012527.D

Acq: 19 Sep 2019 14:47

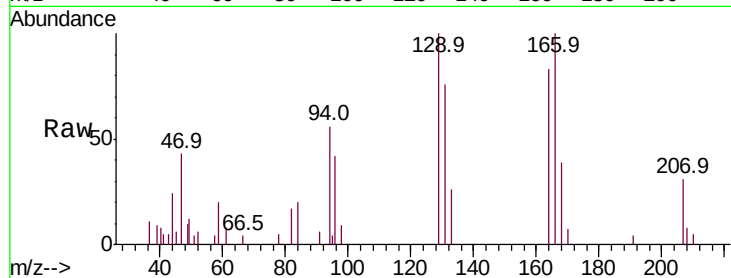
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20190911

Tot Ion:129 Resp: 2374

Ion Ratio Lower Upper

129 100

127 0.0 38.9 116.6#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.32

1500

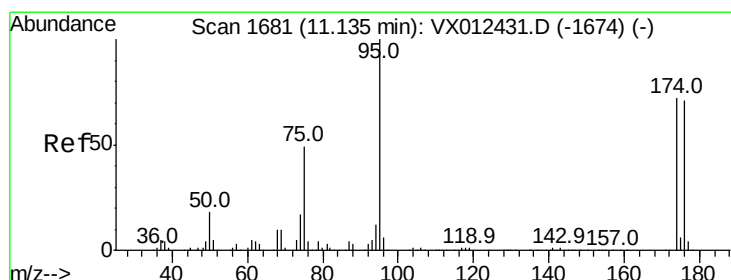
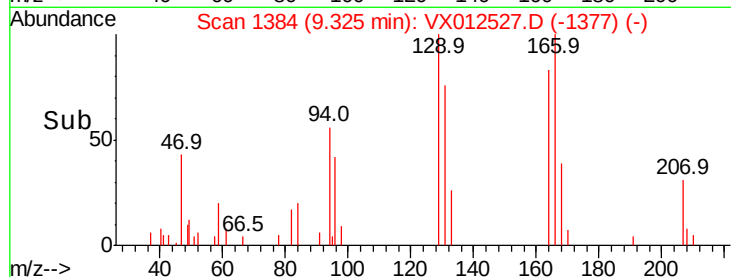
1000

500

0

9.30 9.35

Time-->



#62

4-Bromofluorobenzene

Concen: 42.951 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012527.D

Acq: 19 Sep 2019 14:47

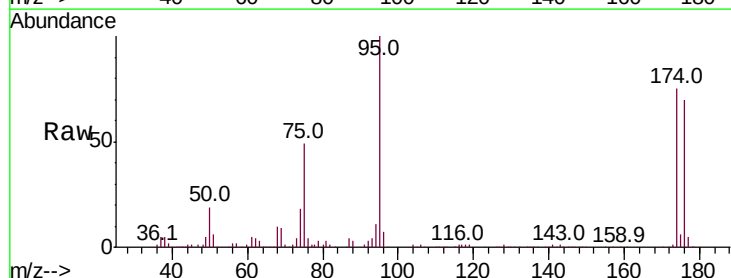
Tgt Ion: 95 Resp: 122788

Ion Ratio Lower Upper

95 100

174 71.3 0.0 140.0

176 67.9 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

120000

100000

80000

60000

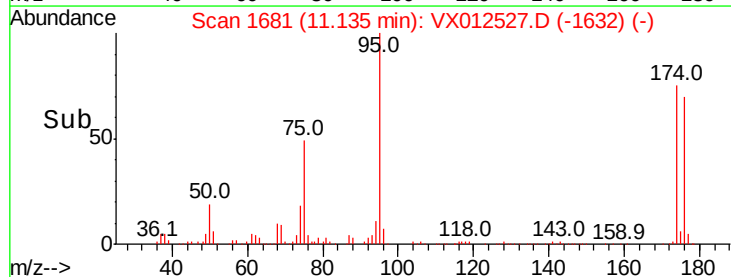
40000

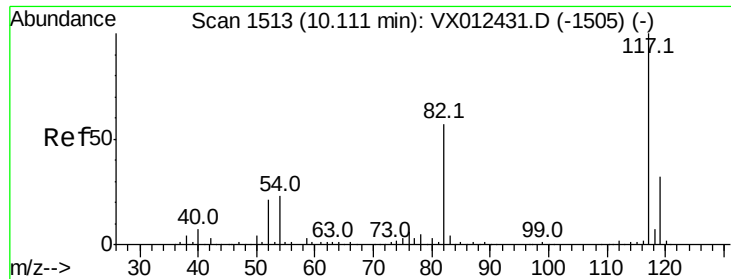
20000

0

11.05 11.10 11.15 11.20

Time-->

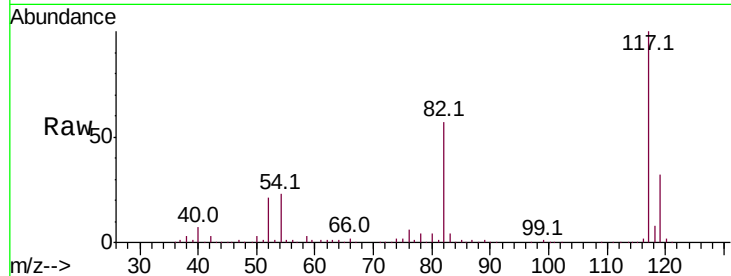




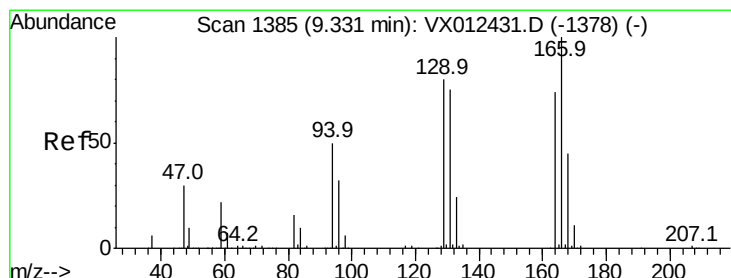
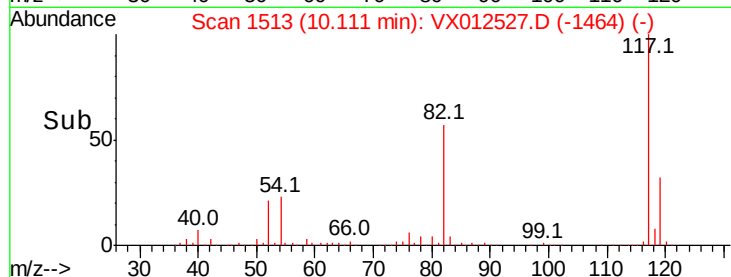
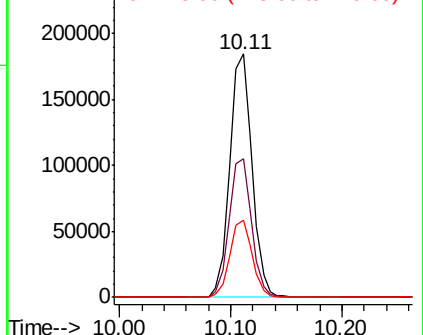
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012527.D
Acq: 19 Sep 2019 14:47

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20190911

Tot Ion:117 Resp: 255770
Ion Ratio Lower Upper
117 100
82 57.1 45.9 68.9
119 31.7 25.3 37.9

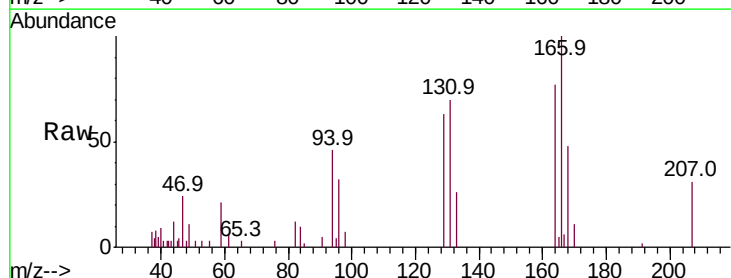


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

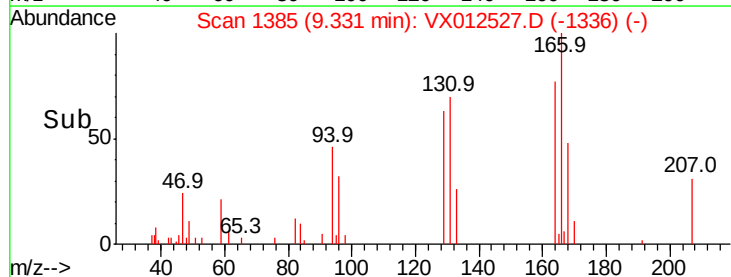
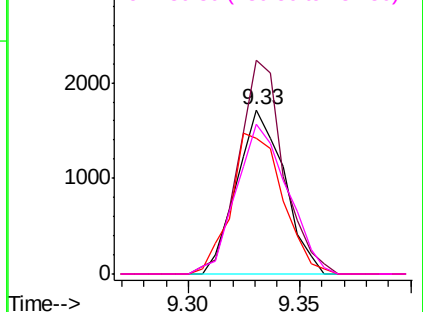


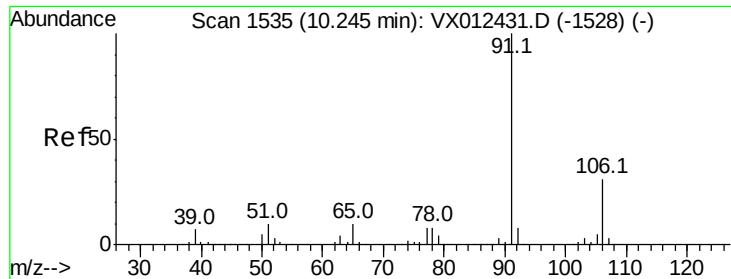
#64
Tetrachloroethene
Concen: 2.172 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012527.D
Acq: 19 Sep 2019 14:47

Tgt Ion:164 Resp: 2546
Ion Ratio Lower Upper
164 100
166 130.3 107.8 161.6
129 82.7 86.2 129.2#
131 91.8 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

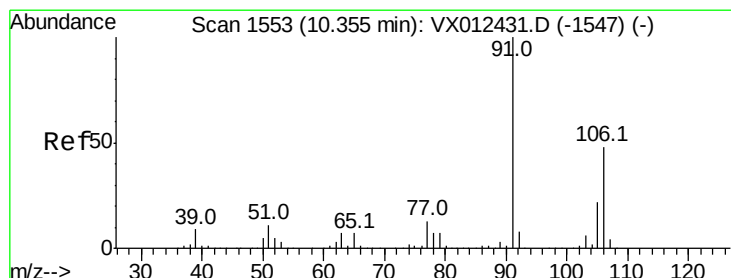
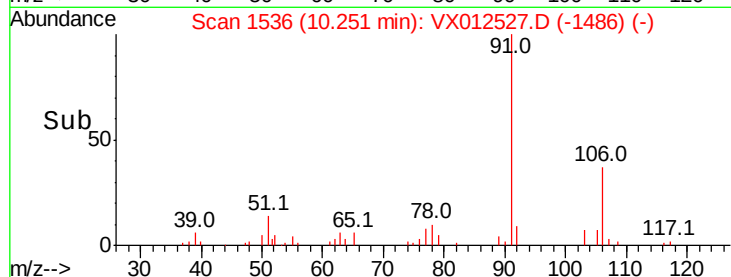
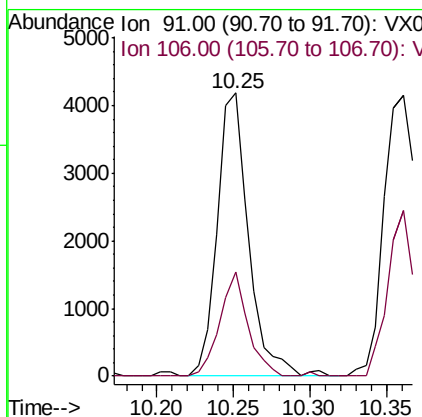
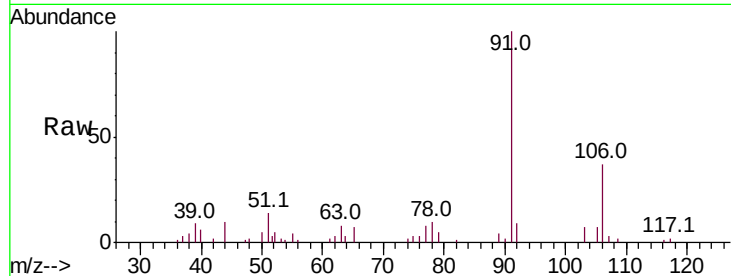




#67
Ethyl Benzene
Concen: 0.819 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012527.D
Acq: 19 Sep 2019 14:47

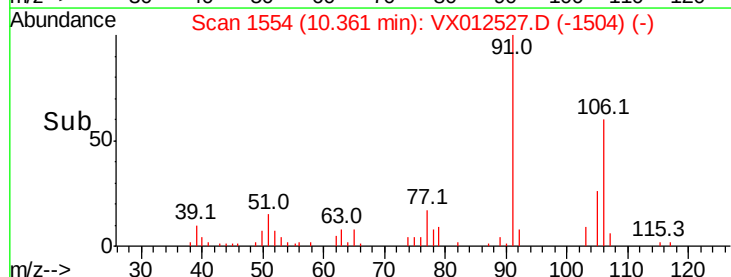
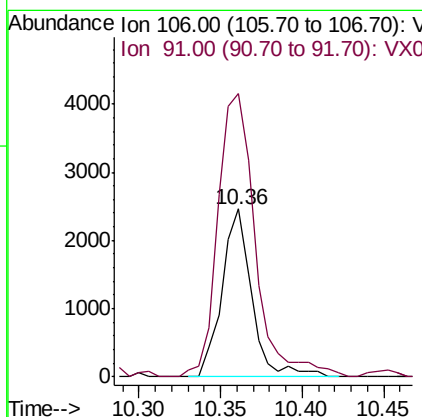
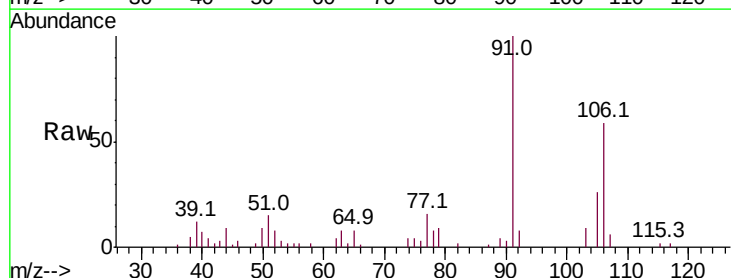
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20190911

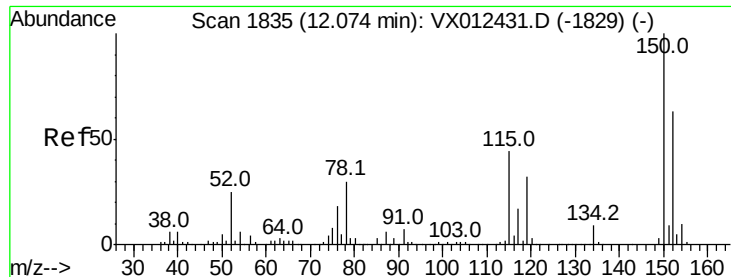
Tot Ion: 91 Resp: 5941
Ion Ratio Lower Upper
91 100
106 36.7 24.6 37.0



#68
m/p-Xylenes
Concen: 1.184 ug/l
RT: 10.36 min Scan# 1554
Delta R.T. 0.01 min
Lab File: VX012527.D
Acq: 19 Sep 2019 14:47

Tgt Ion: 106 Resp: 3124
Ion Ratio Lower Upper
106 100
91 212.7 166.6 250.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012527.D

Acq: 19 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

RE132D3-20190911

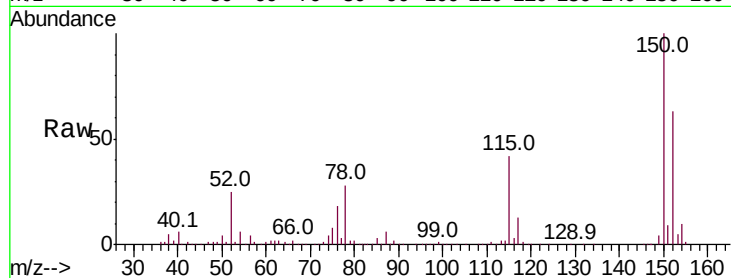
Tot Ion:152 Resp: 98366

Ion Ratio Lower Upper

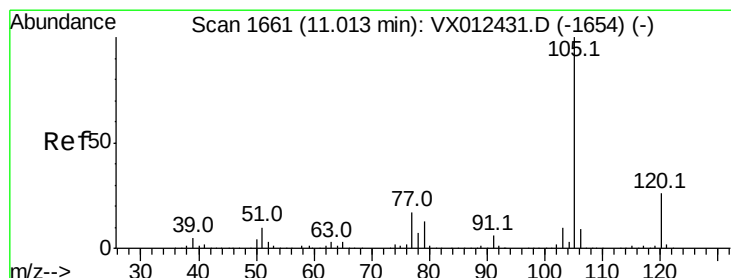
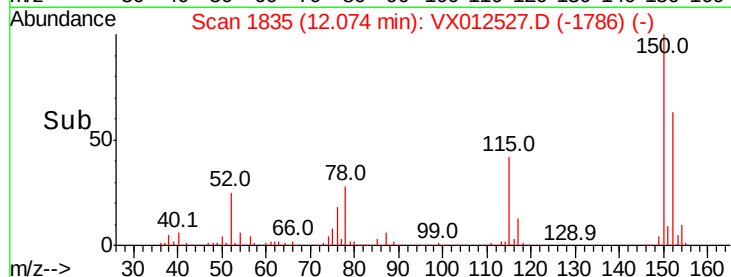
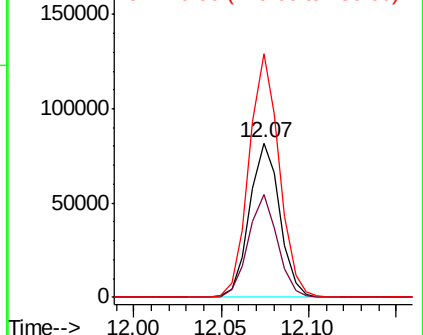
152 100

115 64.9 44.1 132.3

150 157.7 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: 0.260 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012527.D

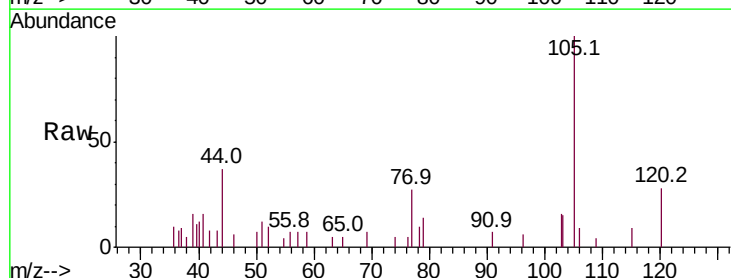
Acq: 19 Sep 2019 14:47

Tgt Ion:105 Resp: 1605

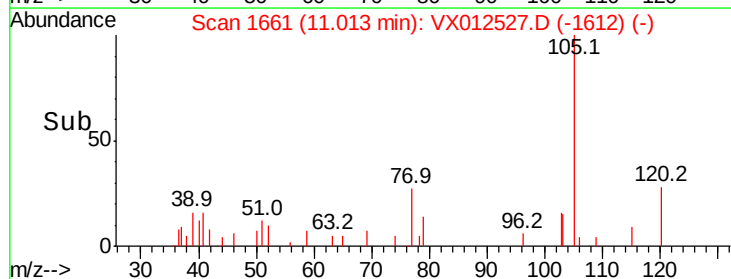
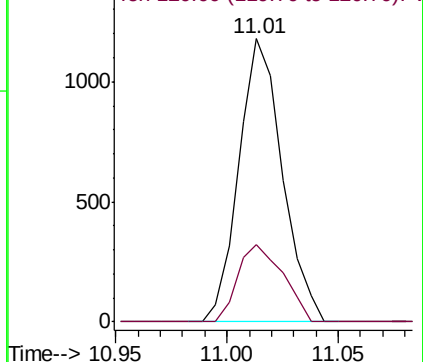
Ion Ratio Lower Upper

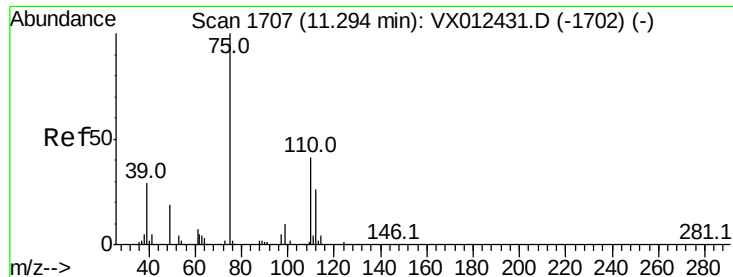
105 100

120 28.4 12.9 38.7



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





#76

1,2,3-Trichloropropane

Concen: 28.043 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX012527.D

Acq: 19 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

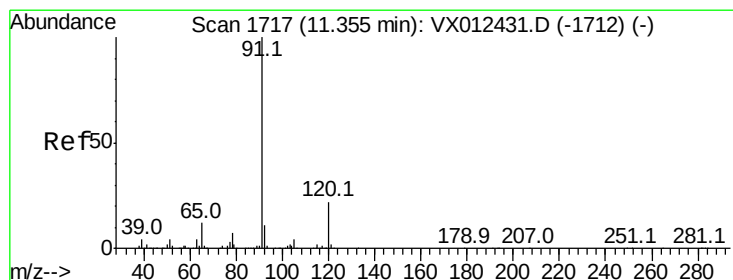
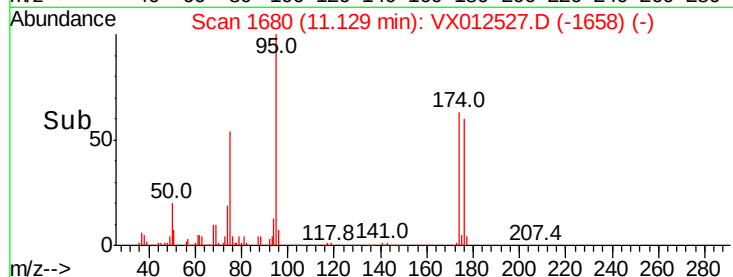
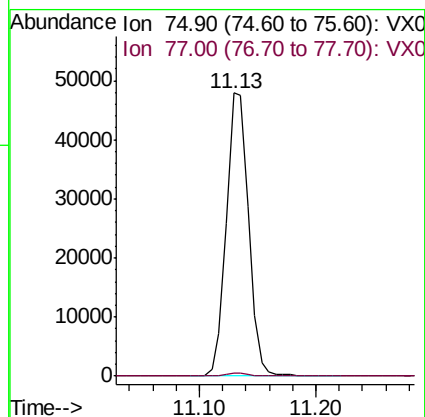
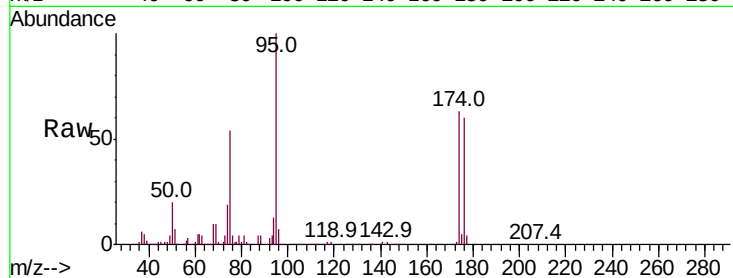
RE132D3-20190911

Tot Ion: 75 Resp: 63364

Ion Ratio Lower Upper

75 100

77 1.2 19.7 59.0#



#78

n-propylbenzene

Concen: 0.358 ug/l

RT: 11.36 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VX012527.D

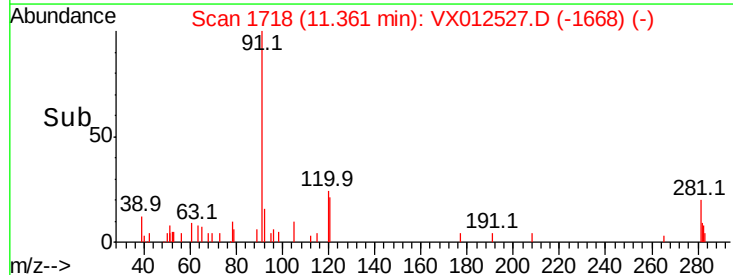
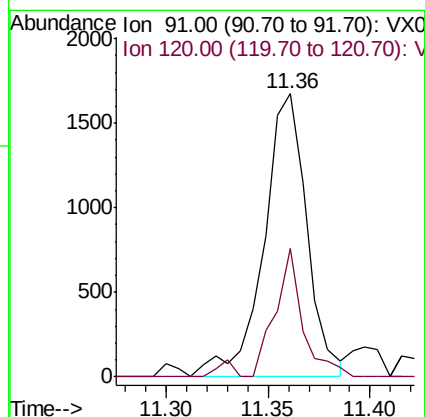
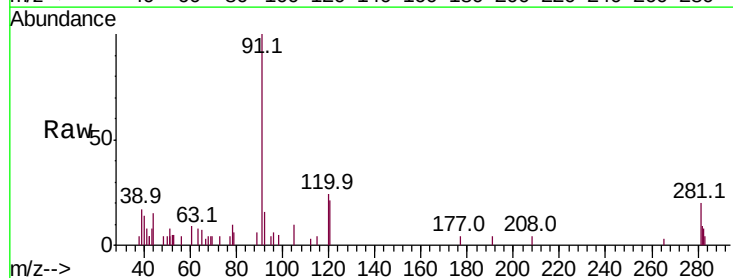
Acq: 19 Sep 2019 14:47

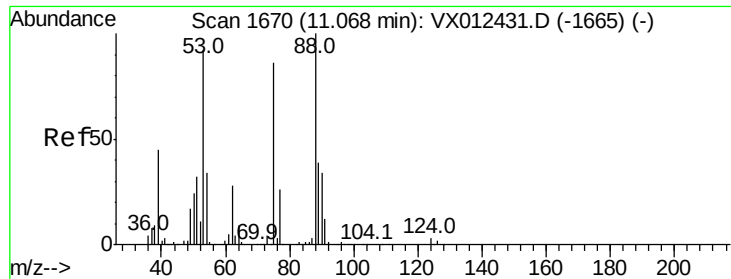
Tgt Ion: 91 Resp: 2461

Ion Ratio Lower Upper

91 100

120 29.2 11.3 33.8





#81

trans-1,4-Dichloro-2-butene

Concen: 75.317 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX012527.D

Acq: 19 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

RE132D3-20190911

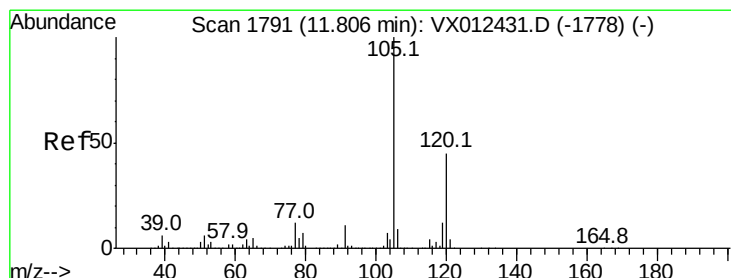
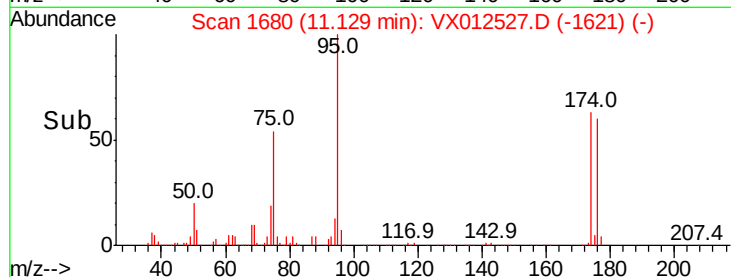
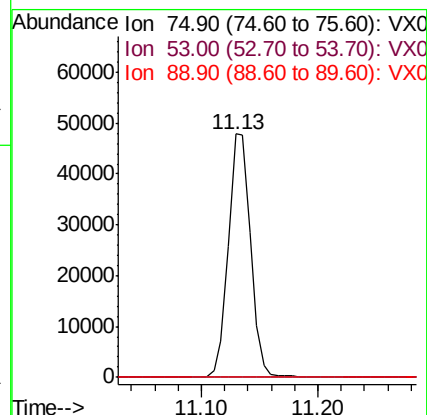
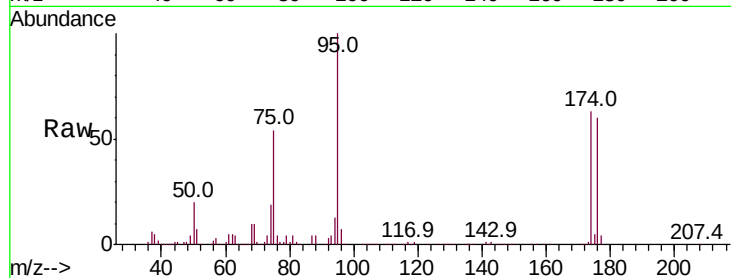
Tot Ion: 75 Resp: 63364

Ion Ratio Lower Upper

75 100

53 0.1 83.6 125.4#

89 0.1 36.3 54.5#



#84

1,2,4-Trimethylbenzene

Concen: 1.468 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX012527.D

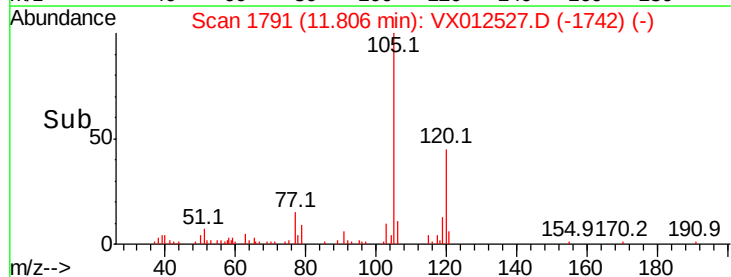
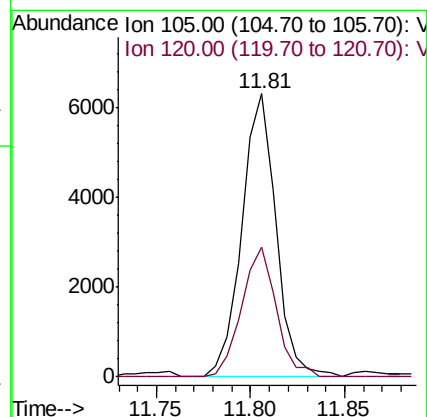
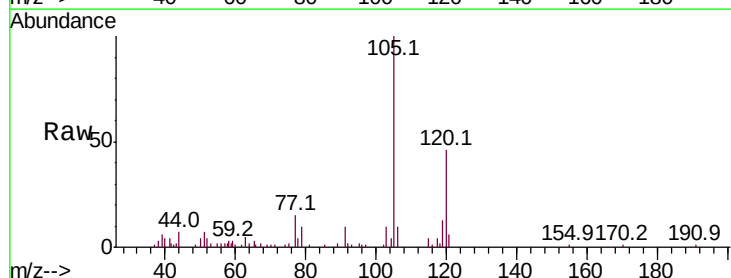
Acq: 19 Sep 2019 14:47

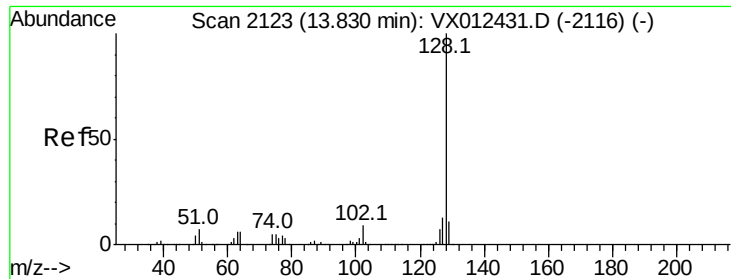
Tgt Ion:105 Resp: 7934

Ion Ratio Lower Upper

105 100

120 46.2 22.2 66.6





#95
Naphthalene
Concen: 0.829 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012527.D
Acq: 19 Sep 2019 14:47

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20190911

Tot Ion:128 Resp: 5625
Ion Ratio Lower Upper
128 100
127 16.9 10.2 15.4#
129 11.6 8.8 13.2

