

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091919\
 Data File : VX012536.D
 Acq On : 19 Sep 2019 18:17
 Operator : JC/SP
 Sample : K4858-23DL 4X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20190911DL

Quant Time: Sep 20 04:35:44 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	189731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	301917	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246443	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	89977	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	127263	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
35) Dibromofluoromethane	5.49	113	88835	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
50) Toluene-d8	8.71	98	345724	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
62) 4-Bromofluorobenzene	11.14	95	117073	41.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.38%	

Target Compounds

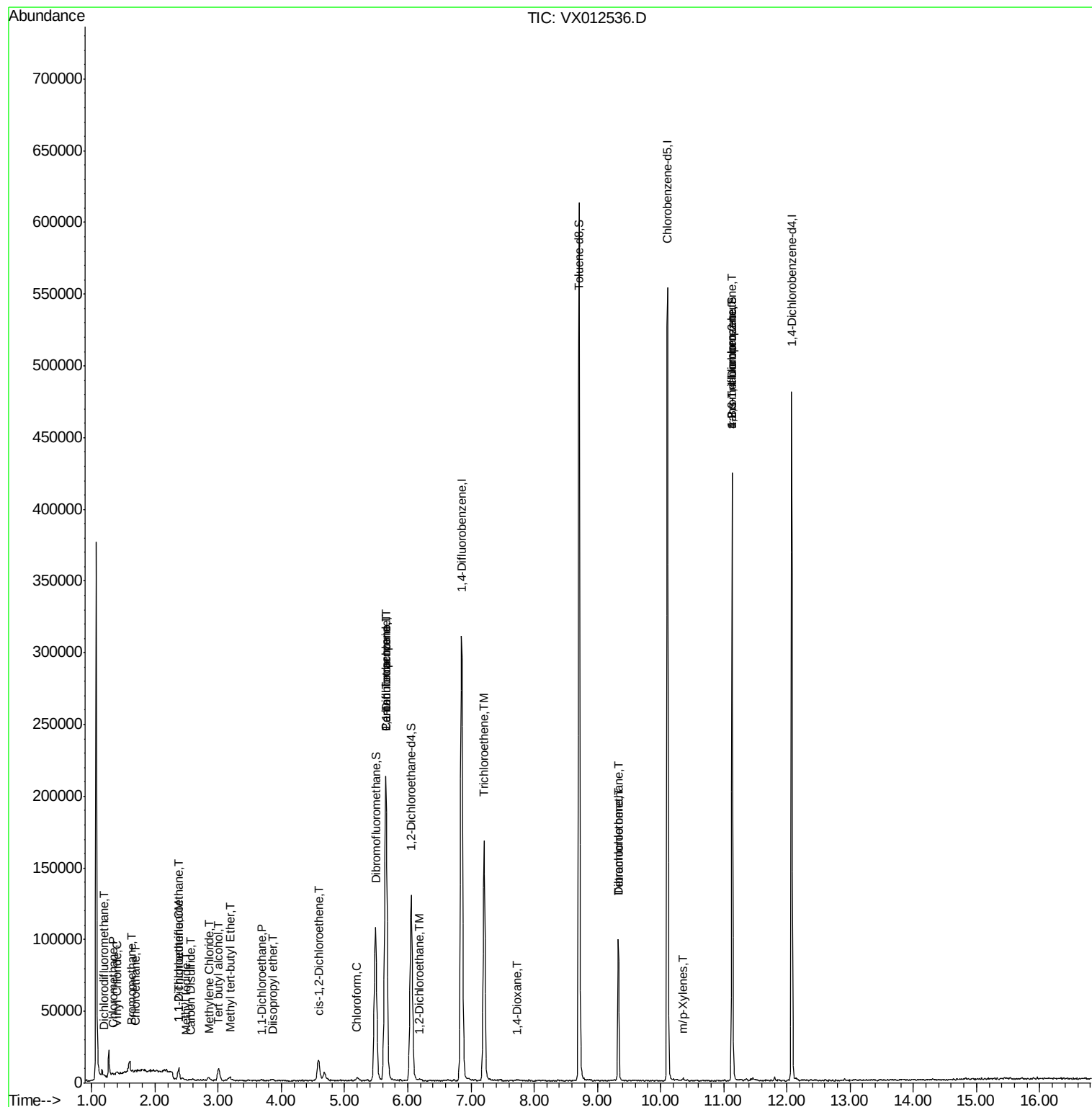
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	328	0.648	ug/l	81
3) Chloromethane	1.33	50	508	0.487	ug/l #	65
4) Vinyl Chloride	1.40	62	1080	0.958	ug/l	97
5) Bromomethane	1.64	94	231	0.522	ug/l #	72
6) Chloroethane	1.70	64	200	0.227	ug/l #	85
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2405	1.608	ug/l	94
10) Methyl Iodide	2.50	142	106	4.517	ug/l #	44
11) Tert butyl alcohol	3.01	59	5197	1.704	ug/l #	78
12) 1,1-Dichloroethene	2.37	96	756	0.634	ug/l #	76
13) Acrolein	2.30	56	110	Below Cal	#	15
16) Acetone	2.44	43	920	Below Cal		94
17) Carbon Disulfide	2.56	76	167	1.902	ug/l #	1
19) Methyl tert-butyl Ether	3.19	73	2124	0.327	ug/l #	89
20) Methylene Chloride	2.85	84	814	0.495	ug/l #	73
22) Diisopropyl ether	3.86	45	1584	0.244	ug/l #	76
24) 1,1-Dichloroethane	3.68	63	847	0.272	ug/l #	81
27) cis-1,2-Dichloroethene	4.59	96	8825	4.769	ug/l	89
30) Chloroform	5.19	83	2305	0.645	ug/l #	76
36) 1,1-Dichloropropene	5.65	75	16108	8.779	ug/l #	52
38) Carbon Tetrachloride	5.65	117	21388	9.372	ug/l #	17
42) 1,2-Dichloroethane	6.19	62	752	0.278	ug/l	99
44) Trichloroethene	7.20	130	63056	41.082	ug/l	95
49) 1,4-Dioxane	7.74	88	242	4.173	ug/l #	80
60) Dibromochloromethane	9.33	129	17510	8.874	ug/l #	11
64) Tetrachloroethene	9.33	164	18149	16.071	ug/l	92
68) m/p-Xylenes	10.36	106	588	0.231	ug/l #	63
76) 1,2,3-Trichloropropane	11.14	75	61452	29.732	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	61452	79.668	ug/l #	8

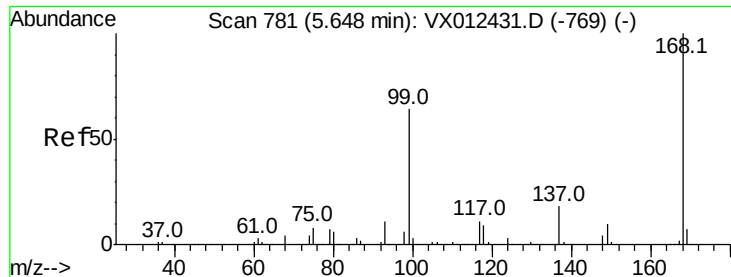
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012536.D

Acq: 19 Sep 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

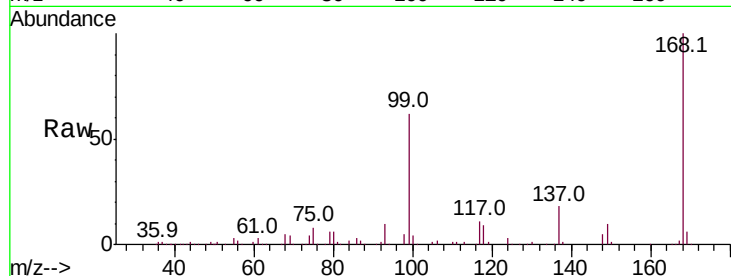
RE132D1-20190911DL

Tot Ion:168 Resp: 189731

Ion Ratio Lower Upper

168 100

99 62.1 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

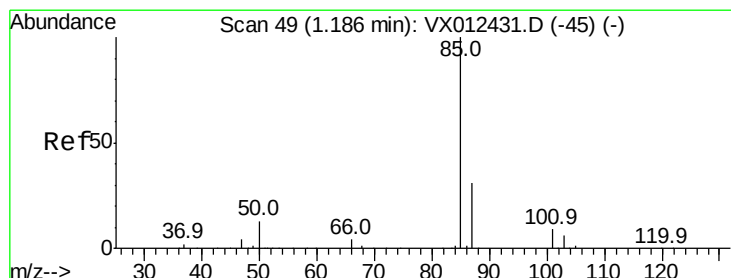
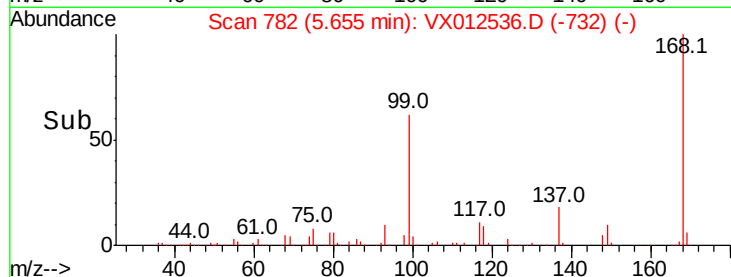
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.648 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012536.D

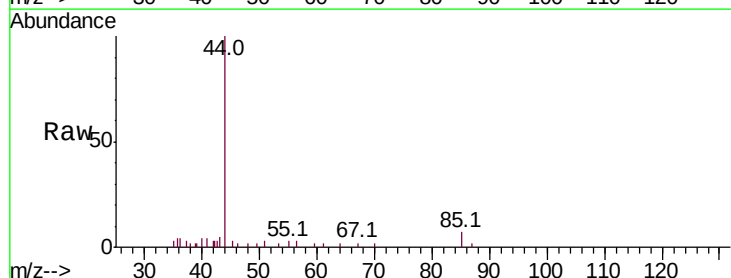
Acq: 19 Sep 2019 18:17

Tgt Ion: 85 Resp: 328

Ion Ratio Lower Upper

85 100

87 20.9 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

250

200

150

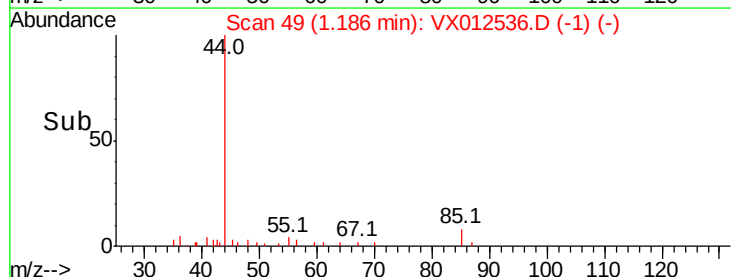
100

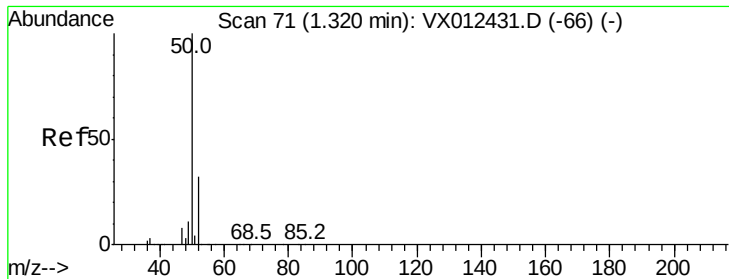
50

0

Time-->

1.15 1.20





#3

Chloromethane

Concen: 0.487 ug/l

RT: 1.33 min Scan# 72

Delta R.T. 0.01 min

Lab File: VX012536.D

Acq: 19 Sep 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

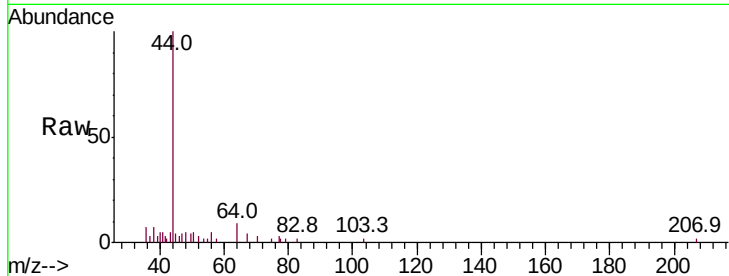
RE132D1-20190911DL

Tot Ion: 50 Resp: 508

Ion Ratio Lower Upper

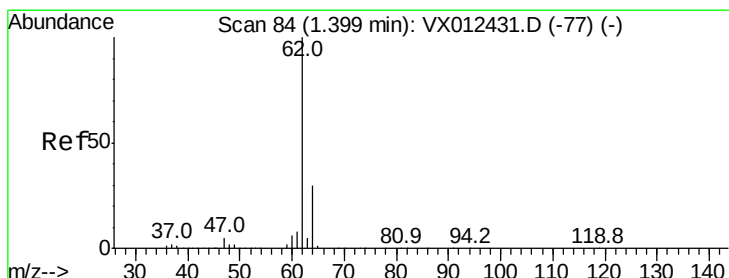
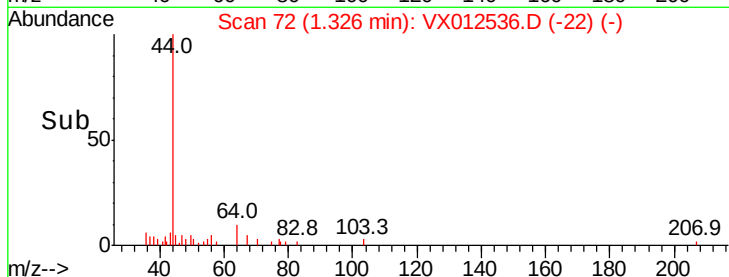
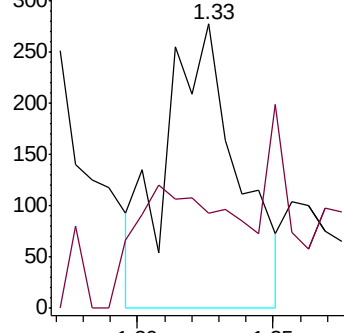
50 100

52 12.7 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 0.958 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012536.D

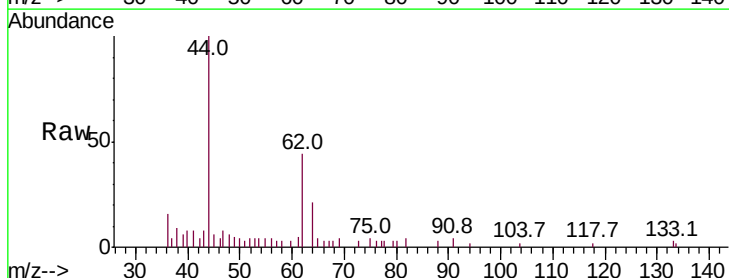
Acq: 19 Sep 2019 18:17

Tgt Ion: 62 Resp: 1080

Ion Ratio Lower Upper

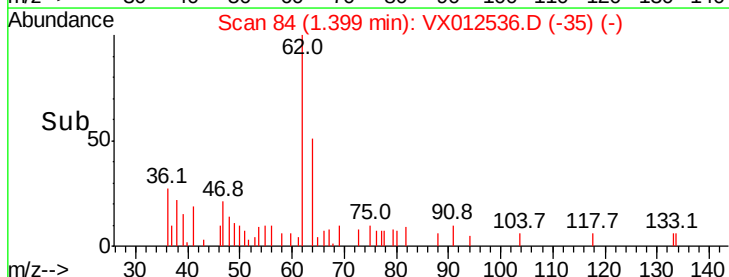
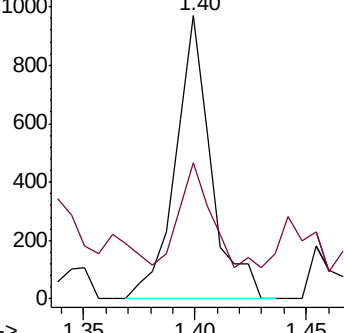
62 100

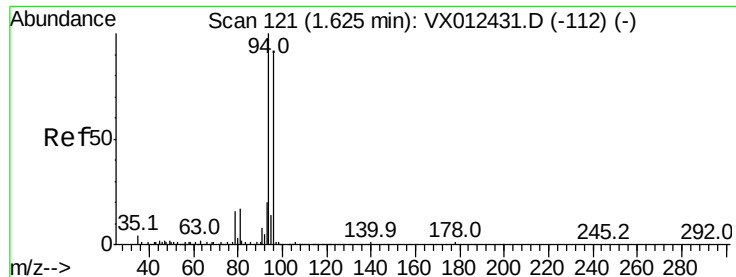
64 32.1 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 0.522 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX012536.D

Acq: 19 Sep 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

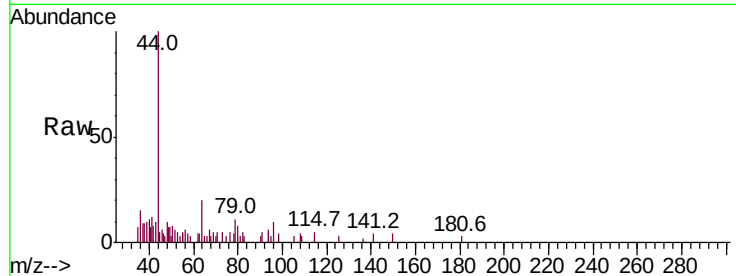
RE132D1-20190911DL

Tot Ion: 94 Resp: 231

Ion Ratio Lower Upper

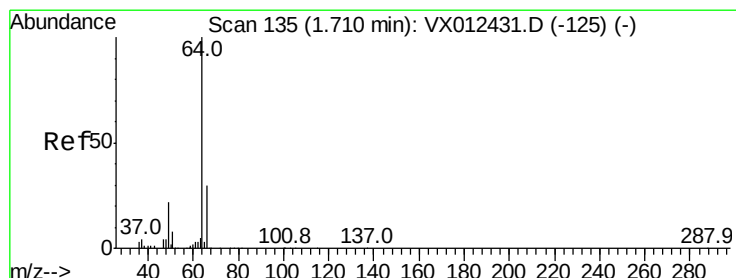
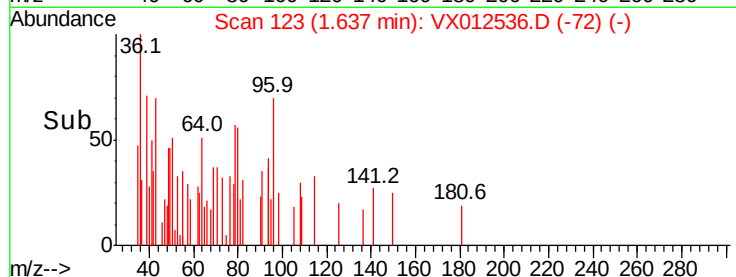
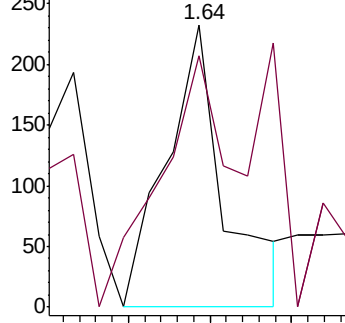
94 100

96 64.4 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: 0.227 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.01 min

Lab File: VX012536.D

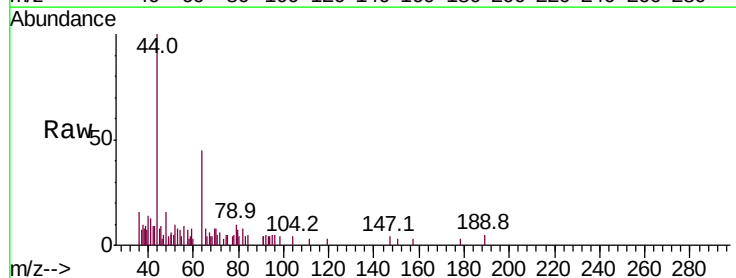
Acq: 19 Sep 2019 18:17

Tgt Ion: 64 Resp: 200

Ion Ratio Lower Upper

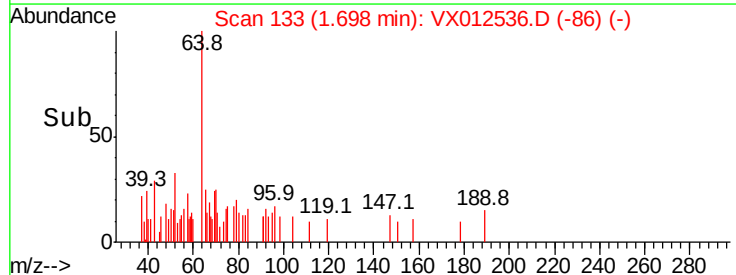
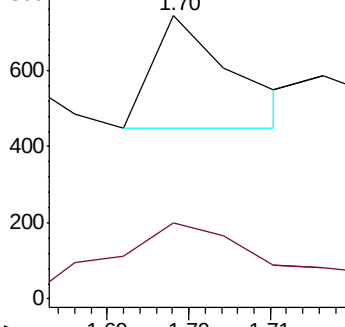
64 100

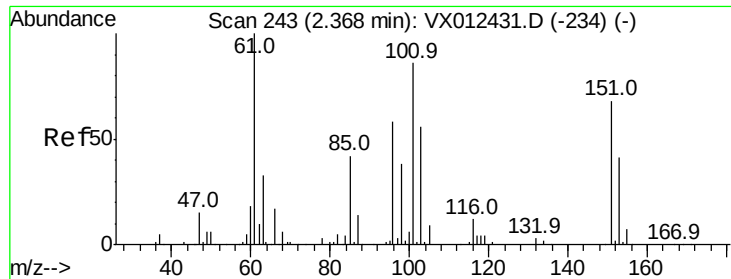
66 38.2 24.0 36.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.608 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012536.D

Acq: 19 Sep 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20190911DL

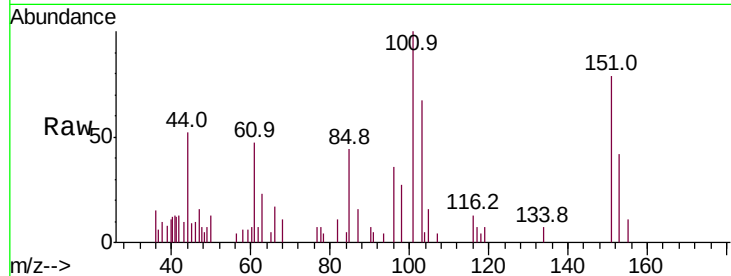
Tot Ion:101 Resp: 2405

Ion Ratio Lower Upper

101 100

85 54.1 37.3 55.9

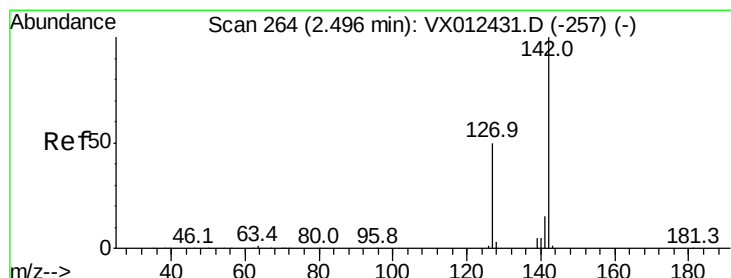
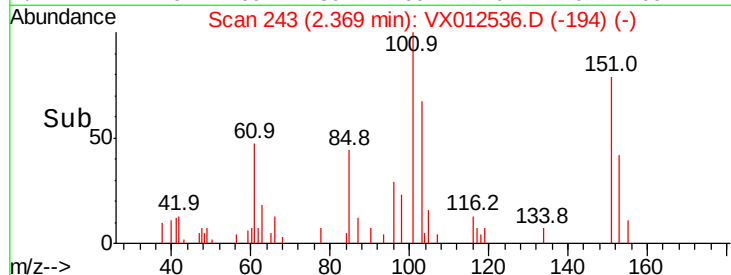
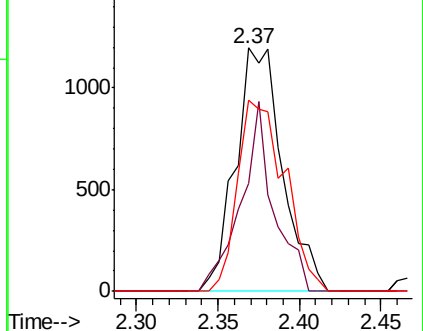
151 78.2 61.0 91.4



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: 4.517 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX012536.D

Acq: 19 Sep 2019 18:17

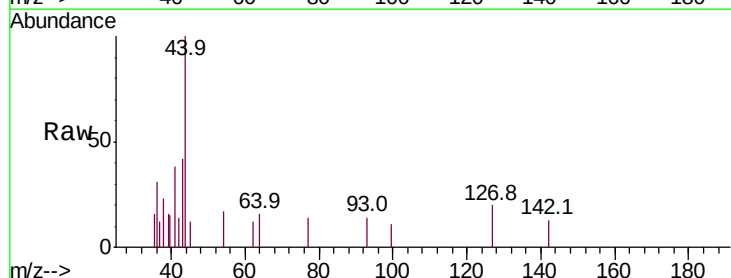
Tgt Ion:142 Resp: 106

Ion Ratio Lower Upper

142 100

127 94.3 40.8 61.2#

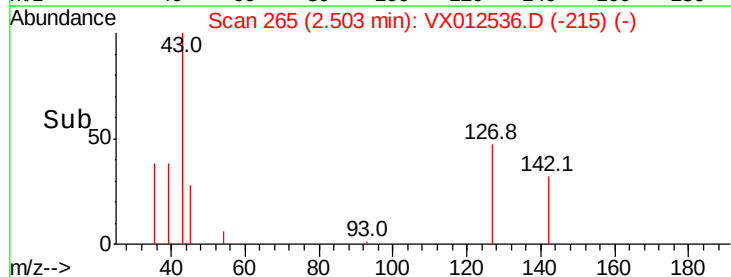
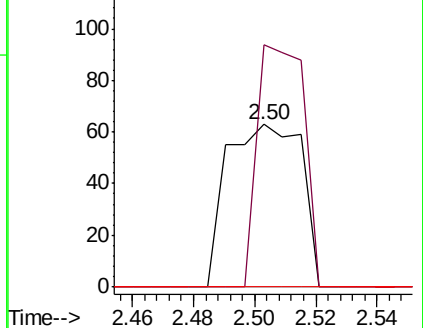
141 0.0 12.1 18.1#

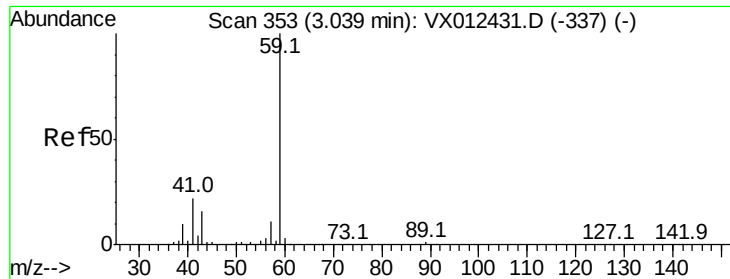


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



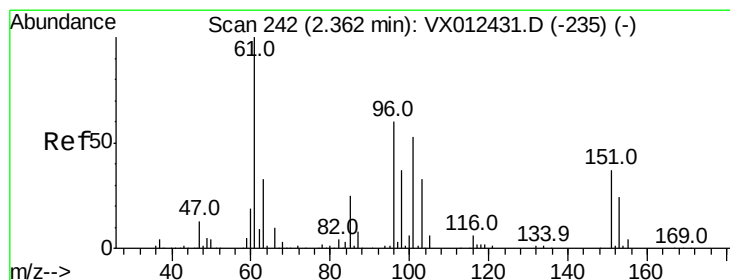
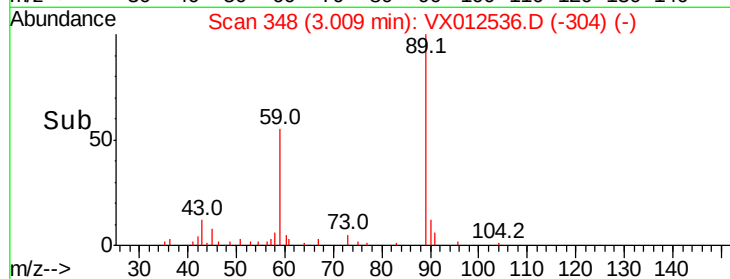
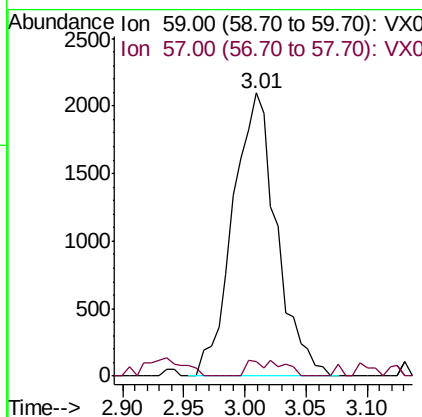
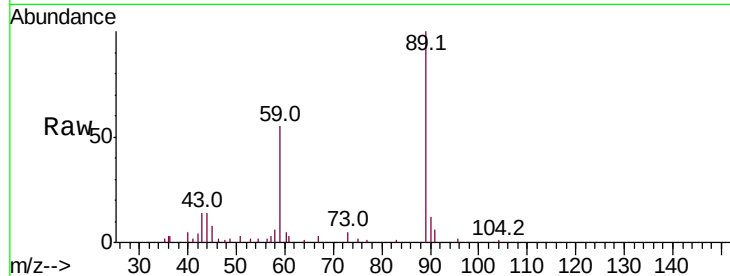


#11

Tert butyl alcohol
 Concen: 1.704 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.03 min
 Lab File: VX012536.D
 Acq: 19 Sep 2019 18:17

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20190911DL

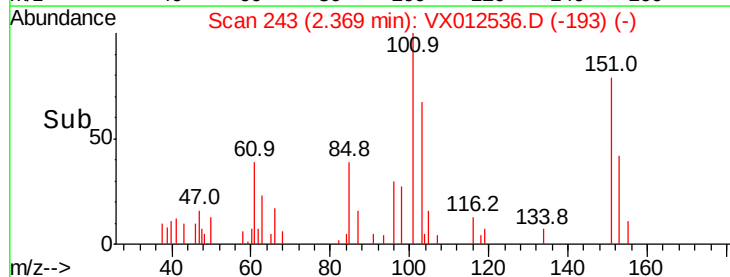
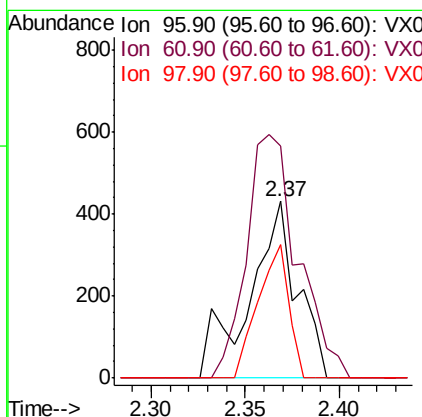
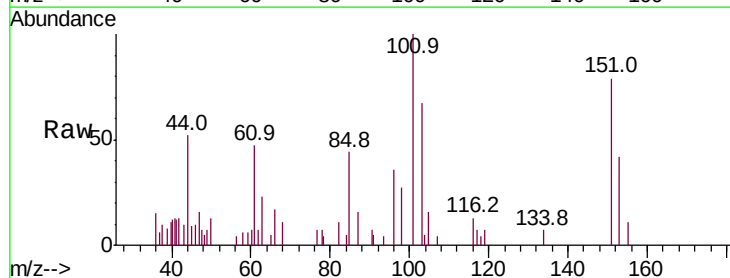
Tot Ion: 59 Resp: 5197
 Ion Ratio Lower Upper
 59 100
 57 2.0 8.3 12.5#

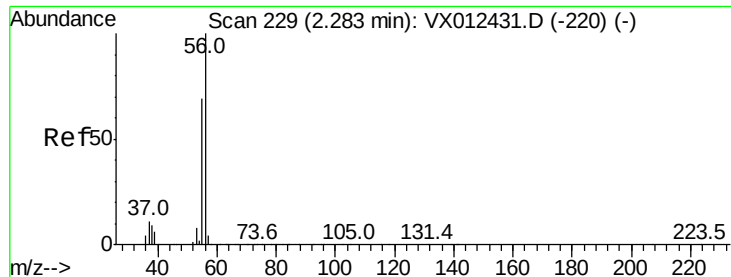


#12

1,1-Dichloroethene
 Concen: 0.634 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.01 min
 Lab File: VX012536.D
 Acq: 19 Sep 2019 18:17

Tgt Ion: 96 Resp: 756
 Ion Ratio Lower Upper
 96 100
 61 131.3 133.8 200.6#
 98 75.7 49.9 74.9#





#13

Acrolein

Concen: Below Cal

RT: 2.30 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX012536.D

Acq: 19 Sep 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

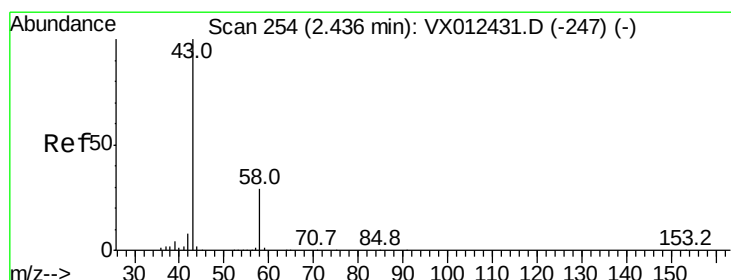
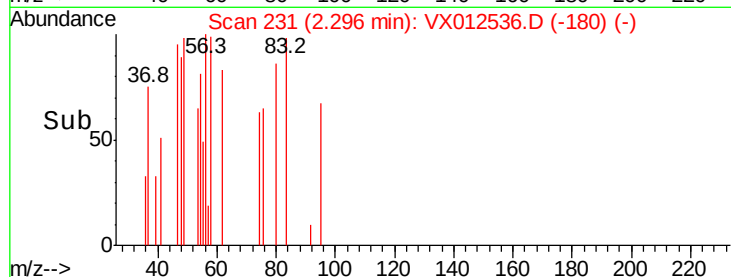
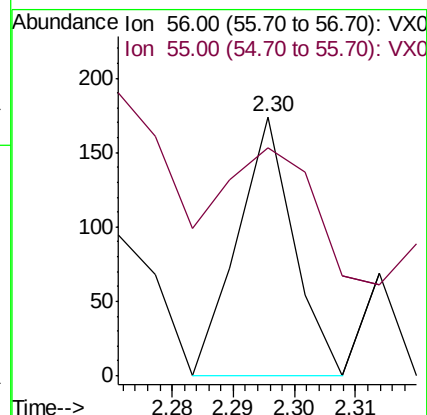
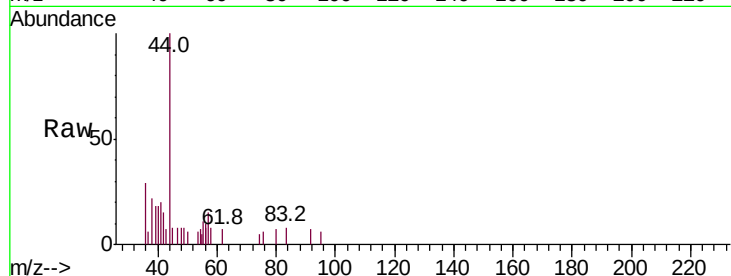
RE132D1-20190911DL

Tot Ion: 56 Resp: 110

Ion Ratio Lower Upper

56 100

55 0.0 55.8 83.8#



#16

Acetone

Concen: Below Cal

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012536.D

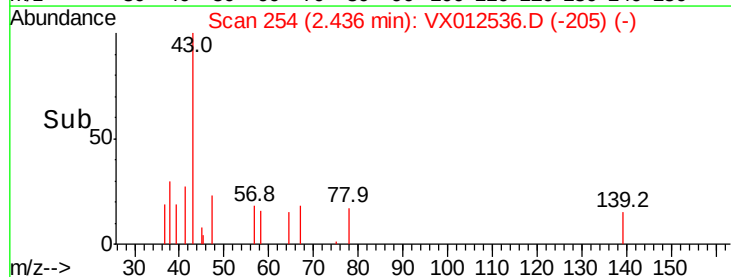
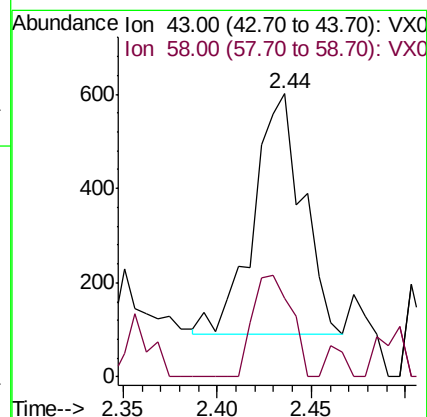
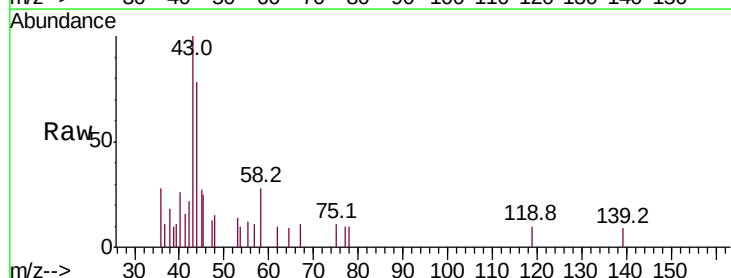
Acq: 19 Sep 2019 18:17

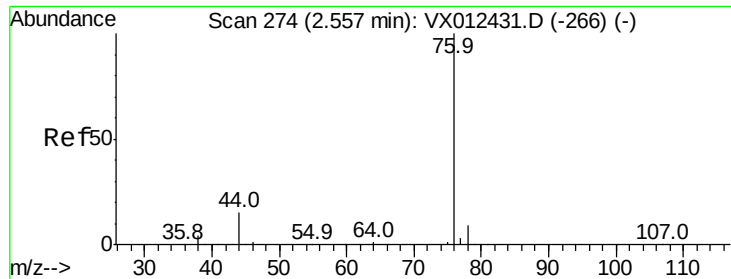
Tgt Ion: 43 Resp: 920

Ion Ratio Lower Upper

43 100

58 32.5 23.3 34.9





#17

Carbon Disulfide

Concen: 1.902 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012536.D

Acq: 19 Sep 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

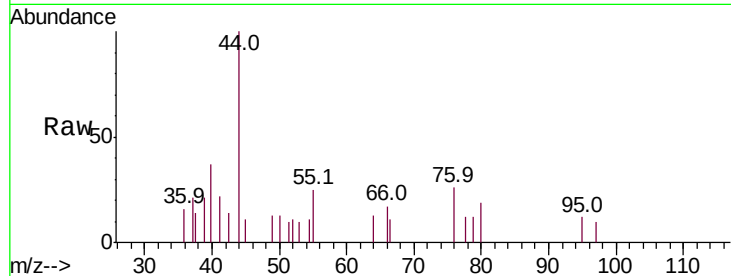
RE132D1-20190911DL

Tot Ion: 76 Resp: 167

Ion Ratio Lower Upper

76 100

78 45.4 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

150

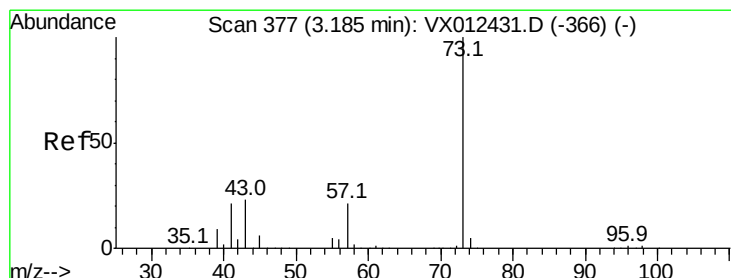
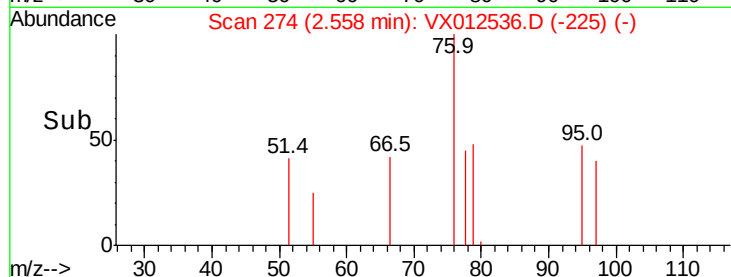
100

50

0

2.52 2.54 2.56 2.58

Time-->



#19

Methyl tert-butyl Ether

Concen: 0.327 ug/l

RT: 3.19 min Scan# 378

Delta R.T. 0.01 min

Lab File: VX012536.D

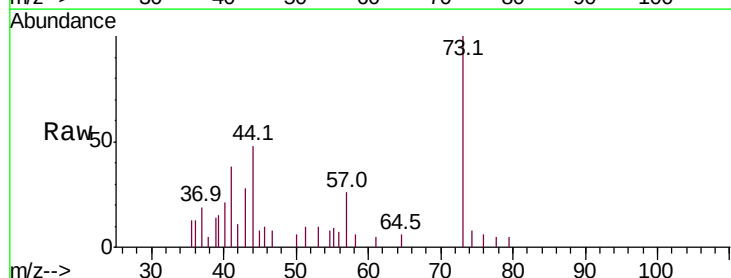
Acq: 19 Sep 2019 18:17

Tgt Ion: 73 Resp: 2124

Ion Ratio Lower Upper

73 100

57 26.2 16.8 25.2#



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.19

1000

800

600

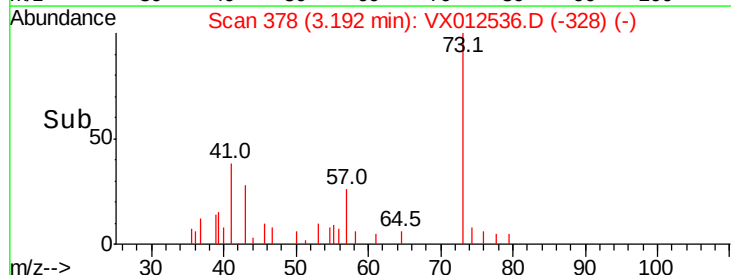
400

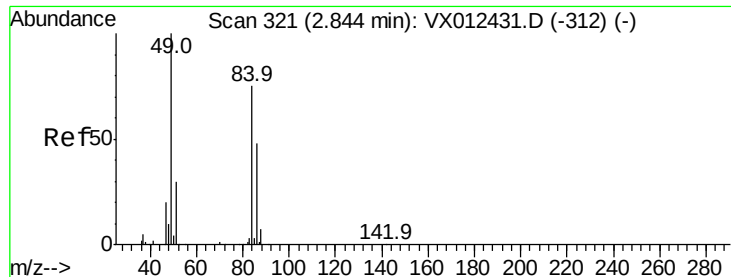
200

0

3.10 3.15 3.20 3.25

Time-->

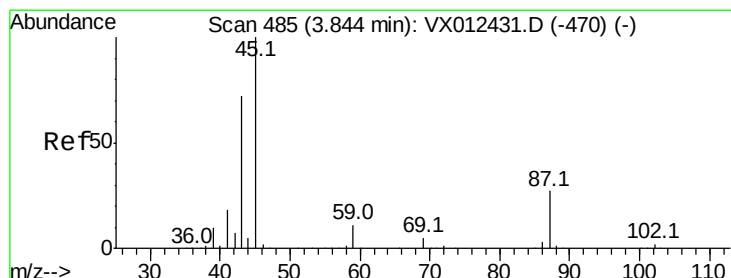
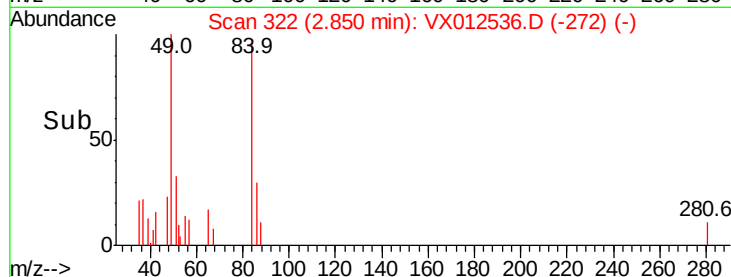
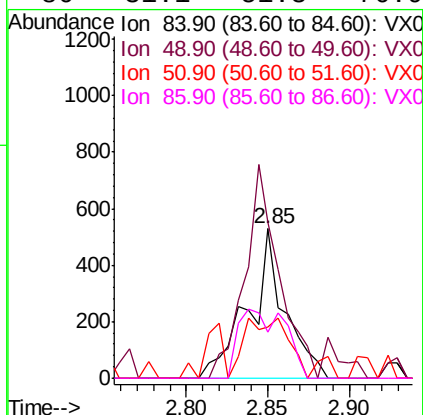
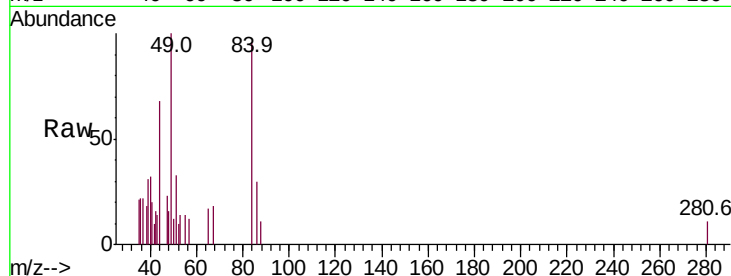




#20
Methylene Chloride
Concen: 0.495 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

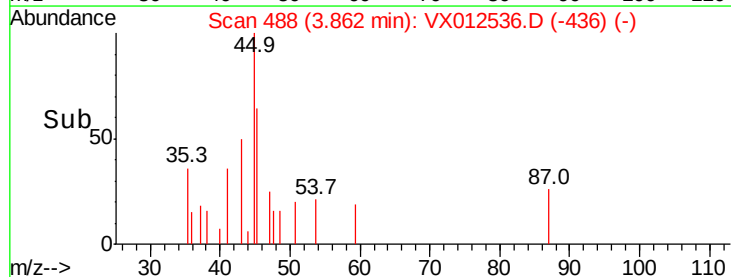
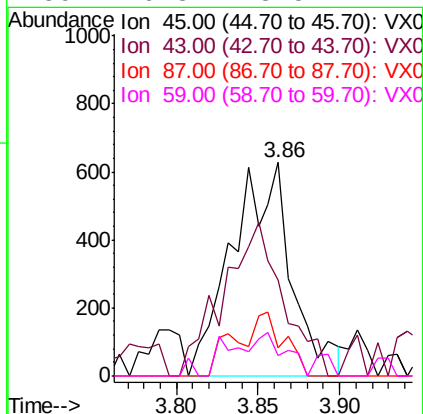
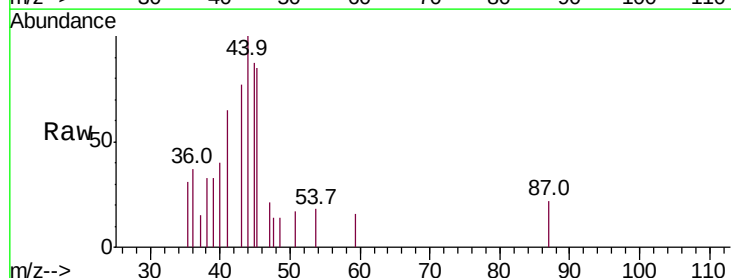
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20190911DL

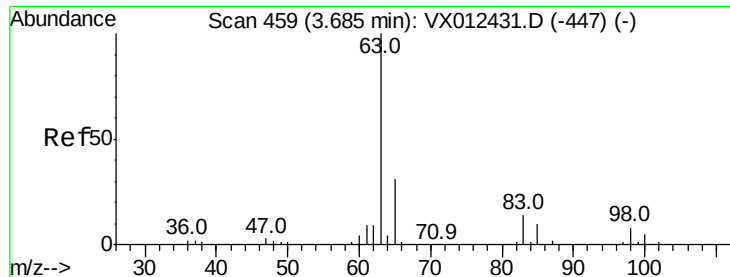
Tot Ion: 84 Resp: 814
Ion Ratio Lower Upper
84 100
49 104.3 106.8 160.2#
51 34.5 32.3 48.5
86 31.1 51.3 76.9#



#22
Diisopropyl ether
Concen: 0.244 ug/l
RT: 3.86 min Scan# 488
Delta R.T. 0.02 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Tgt Ion: 45 Resp: 1584
Ion Ratio Lower Upper
45 100
43 49.0 57.8 86.8#
87 14.1 21.3 31.9#
59 10.3 8.5 12.7





#24

1,1-Dichloroethane

Concen: 0.272 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012536.D

Acq: 19 Sep 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20190911DL

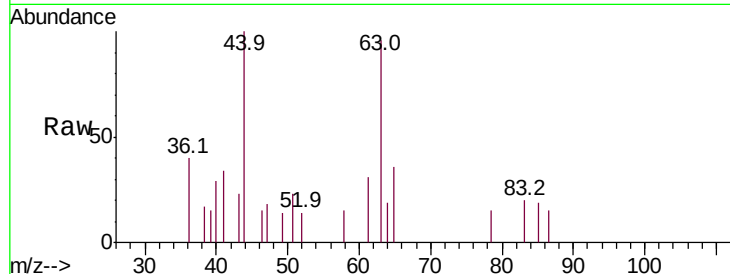
Tot Ion: 63 Resp: 847

Ion Ratio Lower Upper

63 100

98 0.0 3.9 11.7#

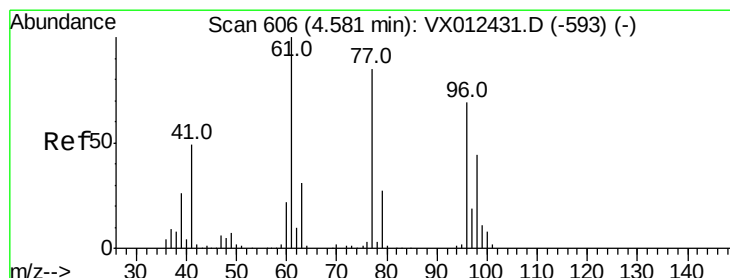
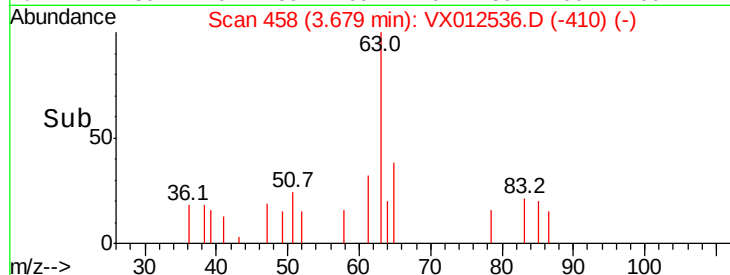
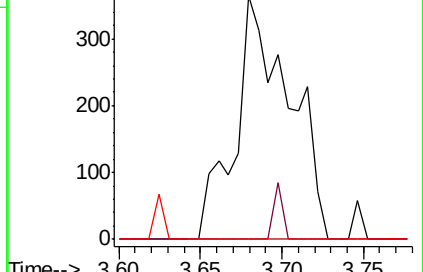
100 0.0 2.3 6.9#



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: 4.769 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX012536.D

Acq: 19 Sep 2019 18:17

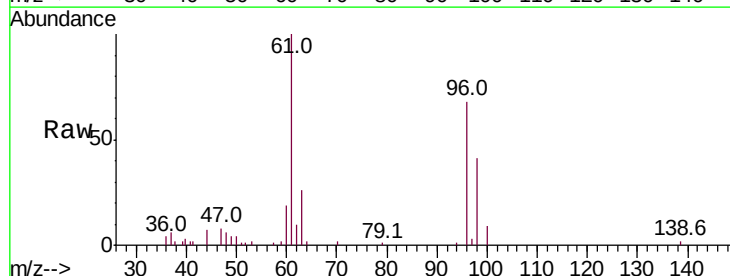
Tgt Ion: 96 Resp: 8825

Ion Ratio Lower Upper

96 100

61 139.7 0.0 319.4

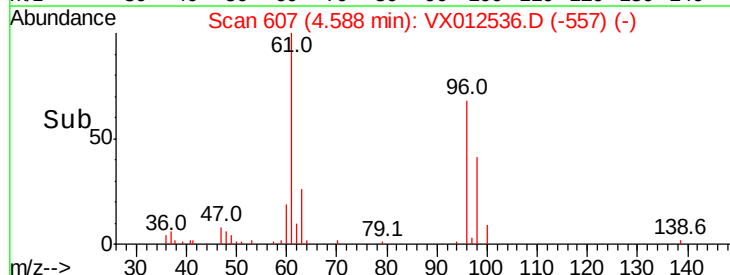
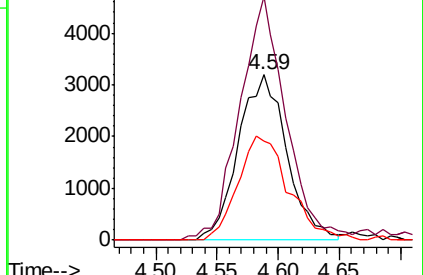
98 66.0 0.0 130.6

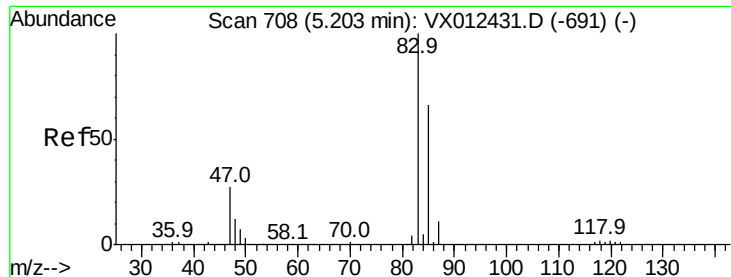


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#30

Chloroform

Concen: 0.645 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX012536.D

Acq: 19 Sep 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

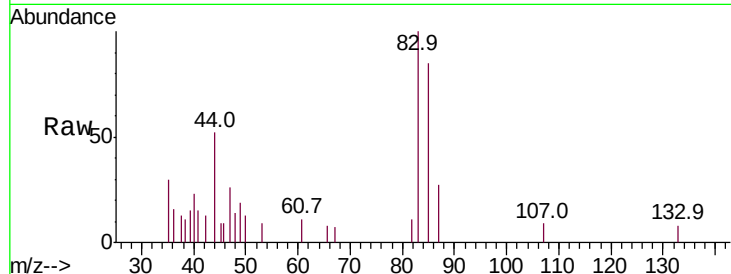
RE132D1-20190911DL

Tot Ion: 83 Resp: 2305

Ion Ratio Lower Upper

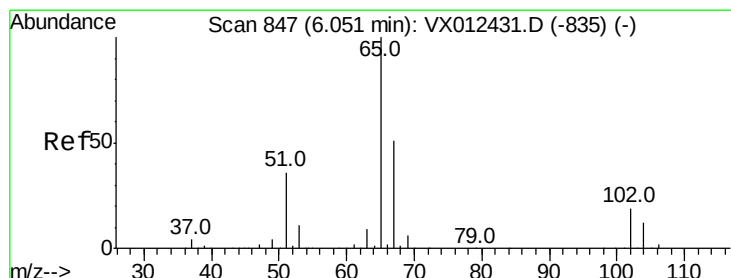
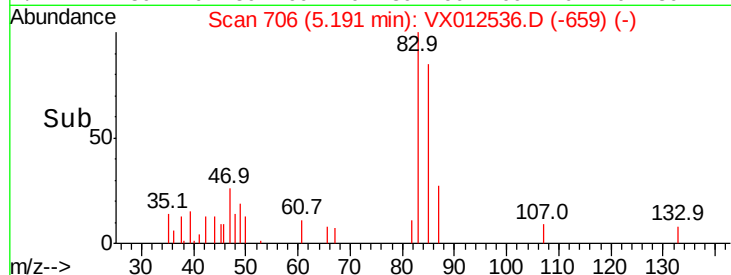
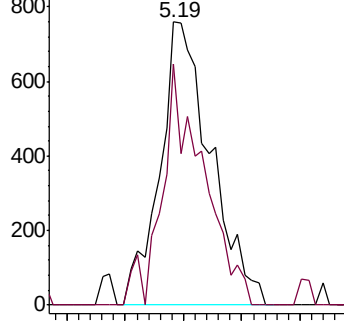
83 100

85 85.0 53.0 79.4#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.801 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012536.D

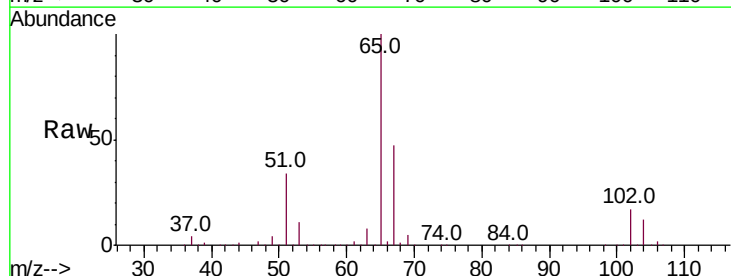
Acq: 19 Sep 2019 18:17

Tgt Ion: 65 Resp: 127263

Ion Ratio Lower Upper

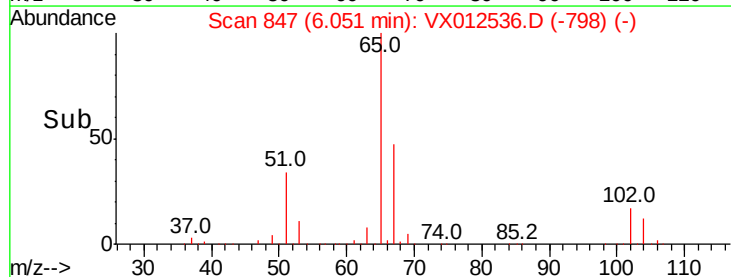
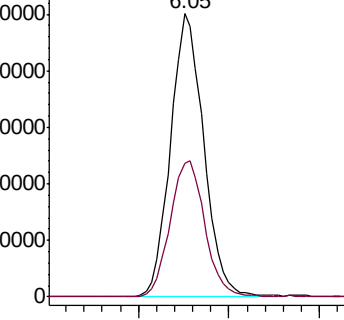
65 100

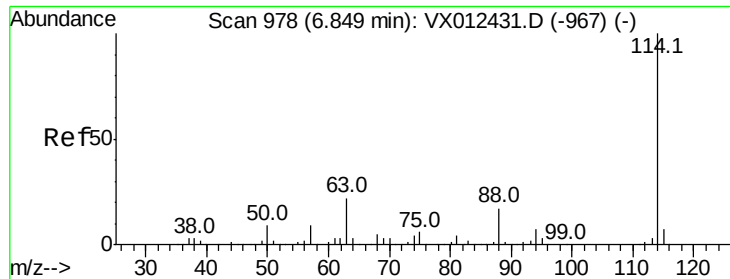
67 50.3 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

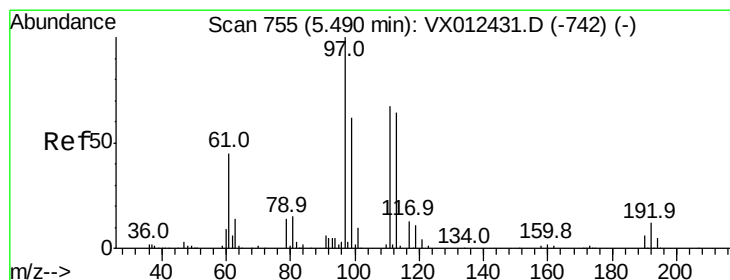
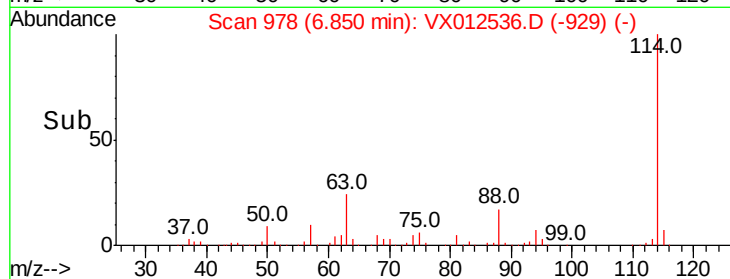
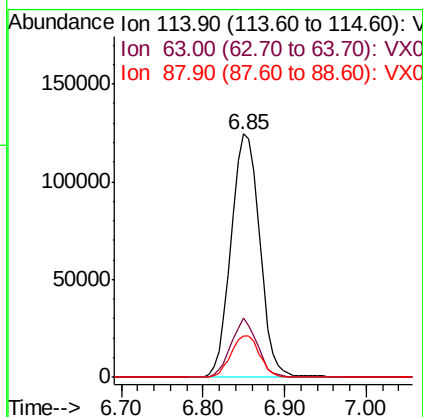
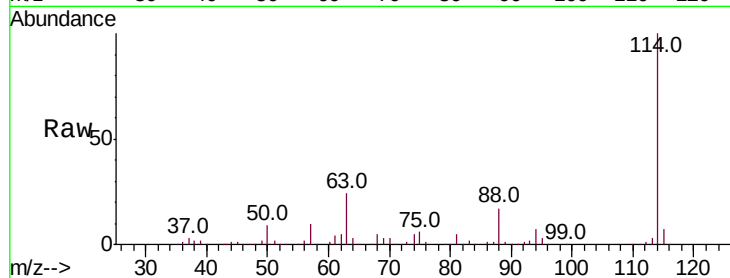




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012536.D
 Acq: 19 Sep 2019 18:17

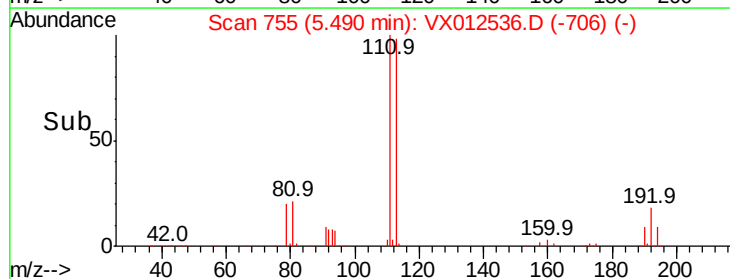
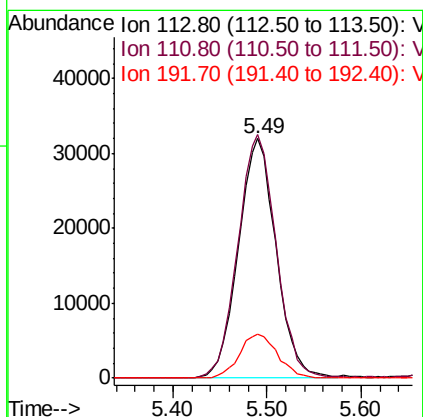
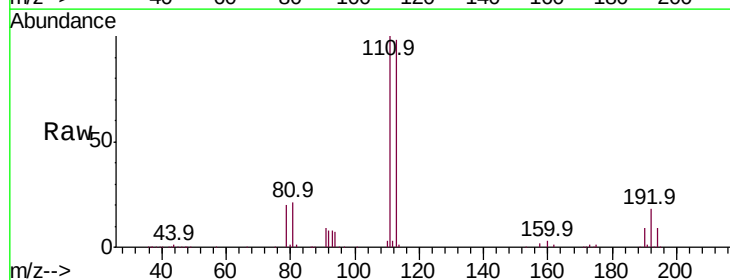
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20190911DL

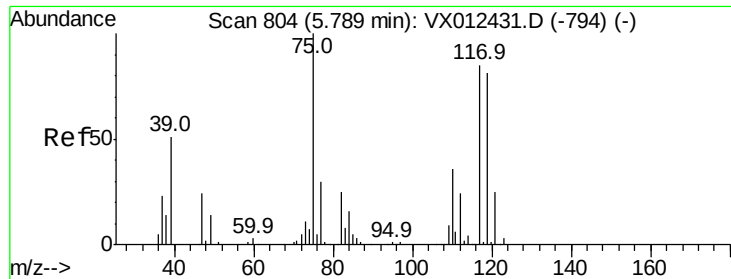
Tot Ion:114 Resp: 301917
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 43.2
 88 17.1 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 48.613 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012536.D
 Acq: 19 Sep 2019 18:17

Tgt Ion:113 Resp: 88835
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.4 125.2
 192 18.6 14.4 21.6

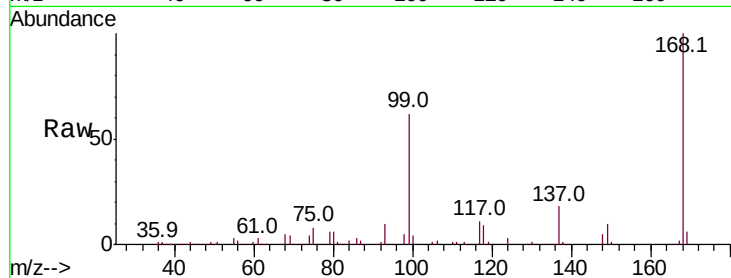




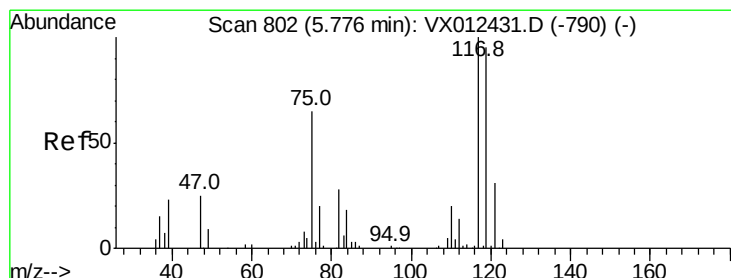
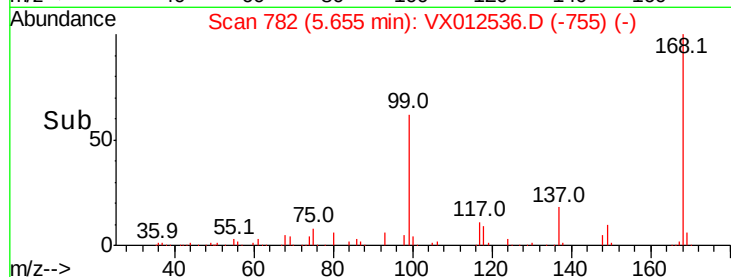
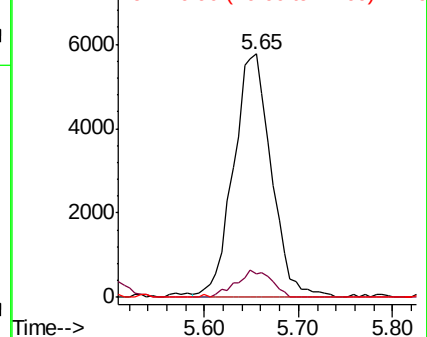
#36
 1,1-Dichloropropene
 Concen: 8.779 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.13 min
 Lab File: VX012536.D
 Acq: 19 Sep 2019 18:17

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20190911DL

Tot Ion: 75 Resp: 16108
 Ion Ratio Lower Upper
 75 100
 110 10.3 16.7 50.0#
 77 0.0 24.2 36.2#

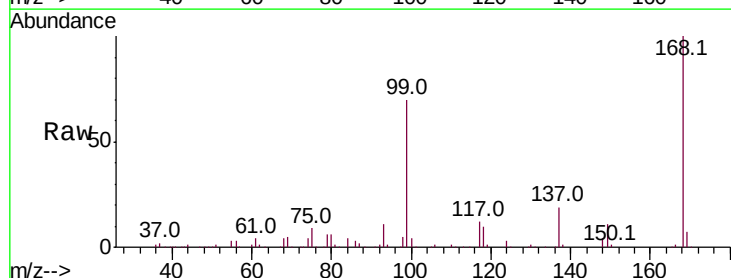


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

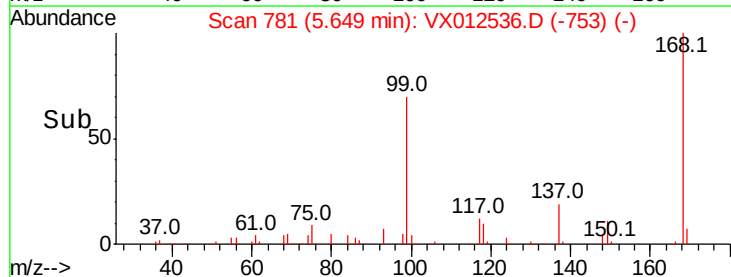
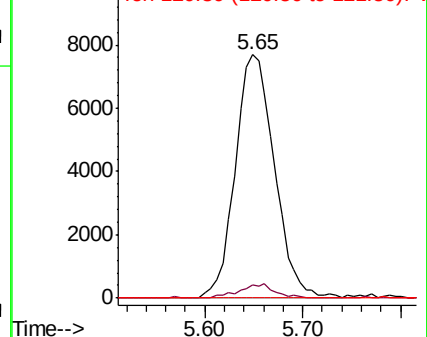


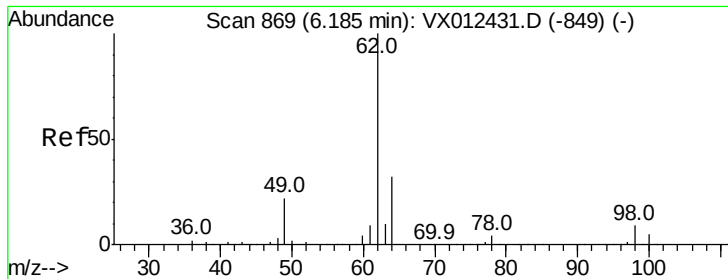
#38
 Carbon Tetrachloride
 Concen: 9.372 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.13 min
 Lab File: VX012536.D
 Acq: 19 Sep 2019 18:17

Tgt Ion: 117 Resp: 21388
 Ion Ratio Lower Upper
 117 100
 119 5.5 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





#42

1,2-Dichloroethane

Concen: 0.278 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX012536.D

Acq: 19 Sep 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

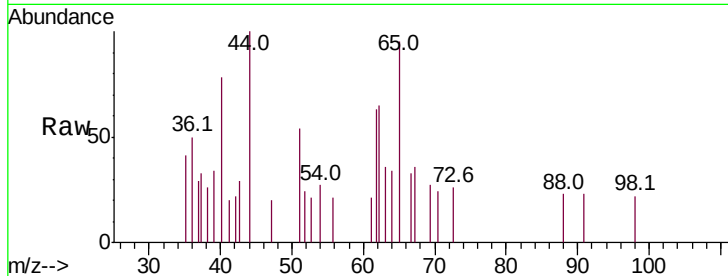
RE132D1-20190911DL

Tot Ion: 62 Resp: 752

Ion Ratio Lower Upper

62 100

98 8.5 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

6.19

300

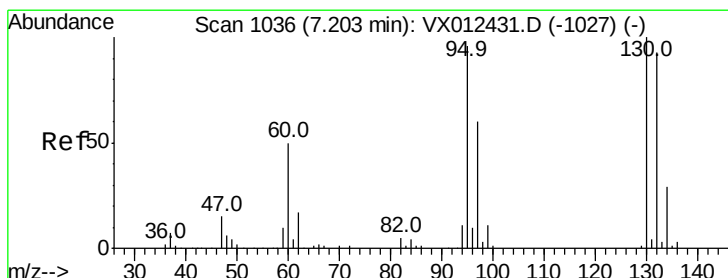
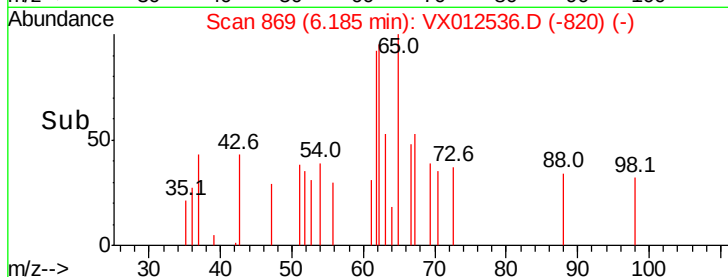
200

100

0

6.10 6.15 6.20 6.25

Time-->



#44

Trichloroethene

Concen: 41.082 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012536.D

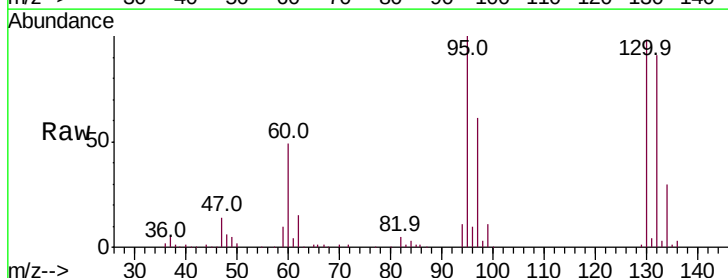
Acq: 19 Sep 2019 18:17

Tgt Ion:130 Resp: 63056

Ion Ratio Lower Upper

130 100

95 101.7 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

30000

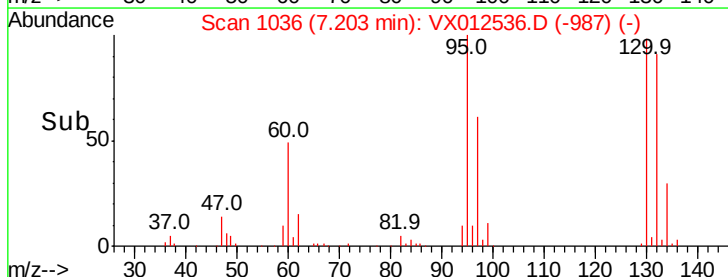
20000

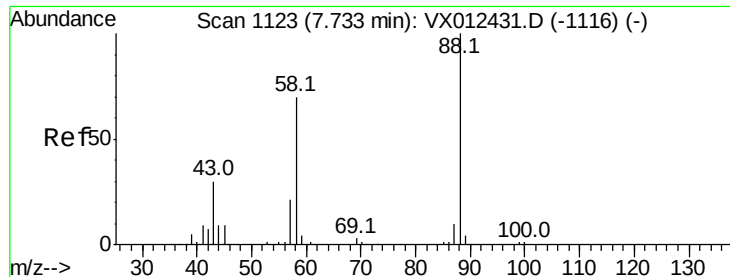
10000

0

7.10 7.15 7.20 7.25 7.30

Time-->





#49

1,4-Dioxane

Concen: 4.173 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX012536.D

Acq: 19 Sep 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20190911DL

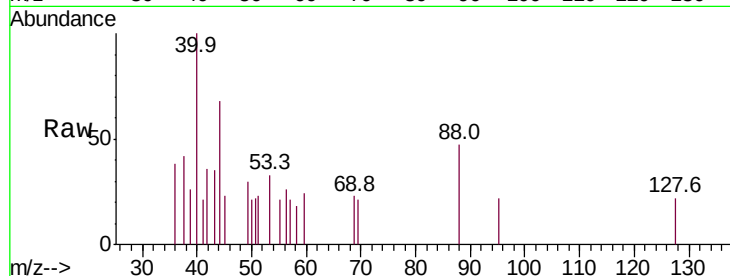
Tot Ion: 88 Resp: 242

Ion Ratio Lower Upper

88 100

43 45.0 29.4 44.0#

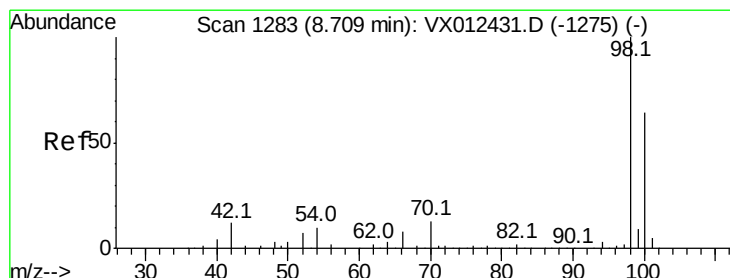
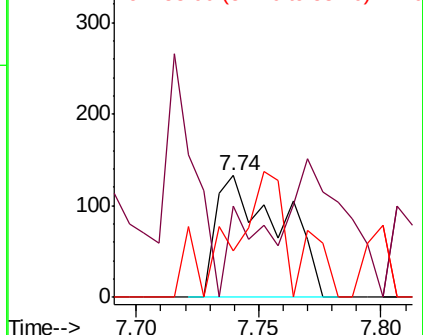
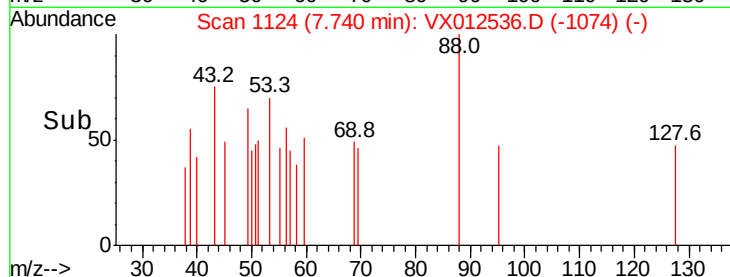
58 90.5 57.5 86.3#



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: 51.113 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012536.D

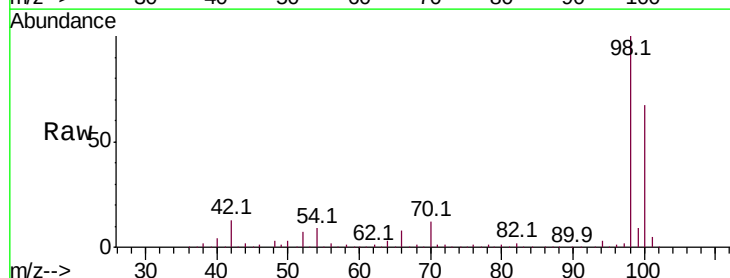
Acq: 19 Sep 2019 18:17

Tgt Ion: 98 Resp: 345724

Ion Ratio Lower Upper

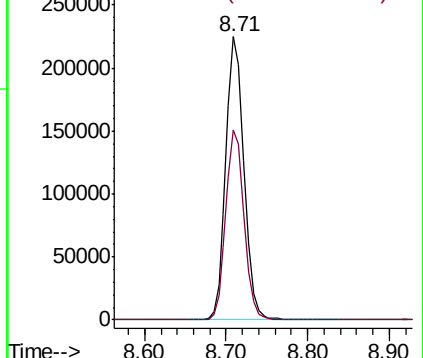
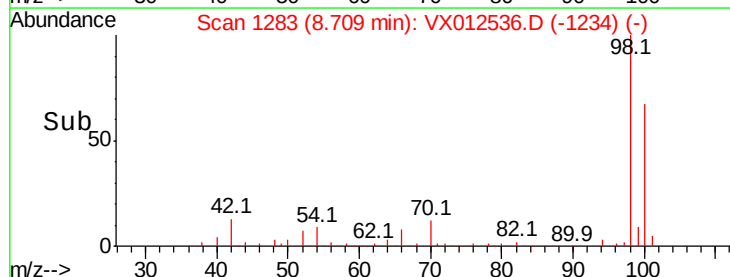
98 100

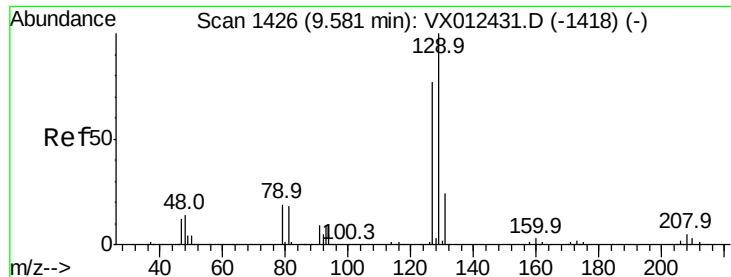
100 67.1 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

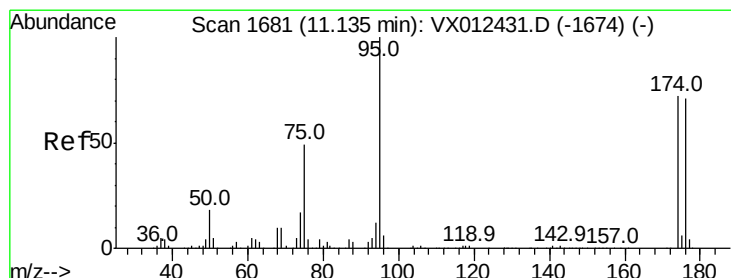
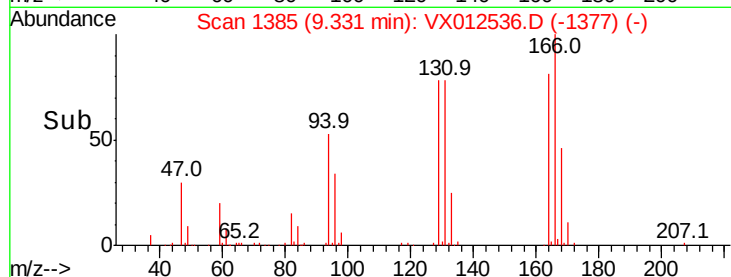
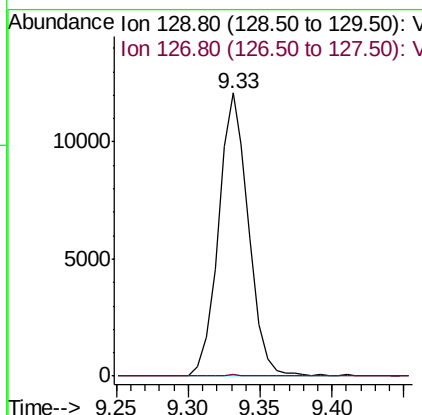
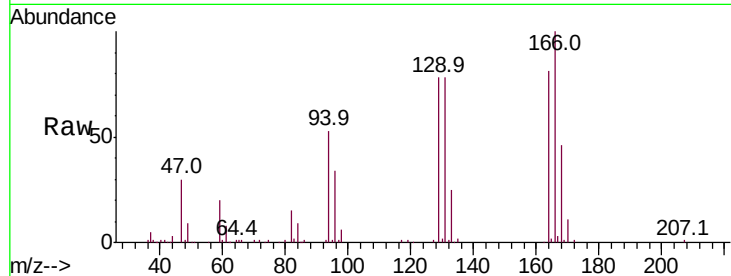




#60
 Dibromochloromethane
 Concen: 8.874 ug/l
 RT: 9.33 min Scan# 1385
 Delta R.T. -0.25 min
 Lab File: VX012536.D
 Acq: 19 Sep 2019 18:17

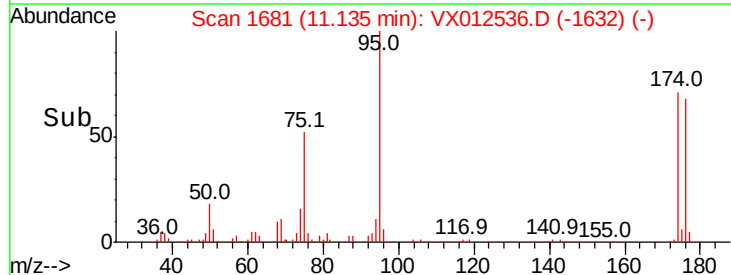
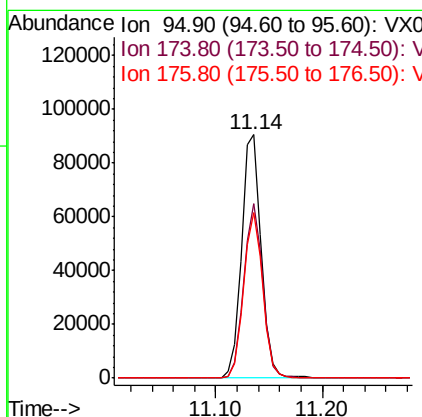
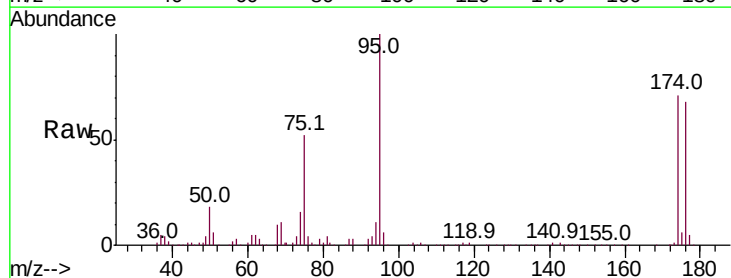
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20190911DL

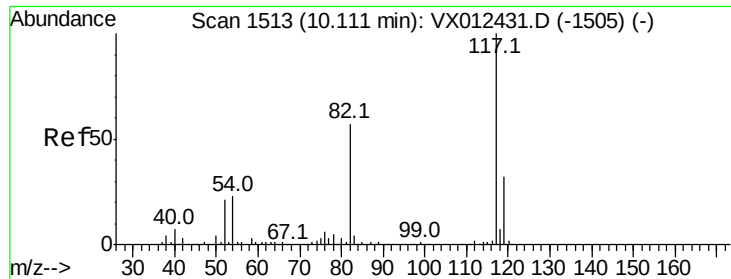
Tot Ion:129 Resp: 17510
 Ion Ratio Lower Upper
 129 100
 127 0.2 38.9 116.6#



#62
 4-Bromofluorobenzene
 Concen: 41.686 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VX012536.D
 Acq: 19 Sep 2019 18:17

Tgt Ion: 95 Resp: 117073
 Ion Ratio Lower Upper
 95 100
 174 69.6 0.0 140.0
 176 66.4 0.0 135.4

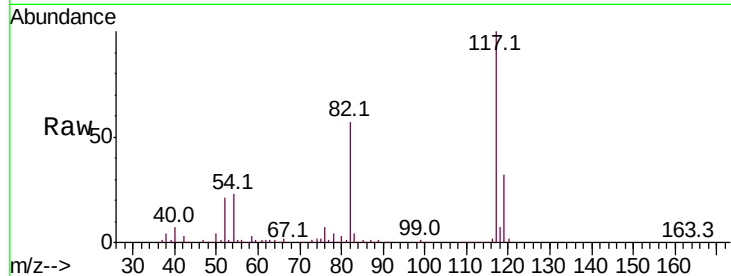




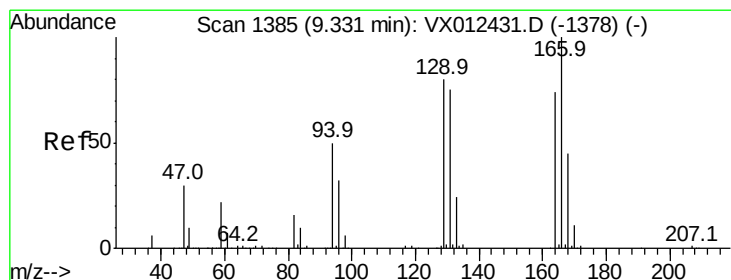
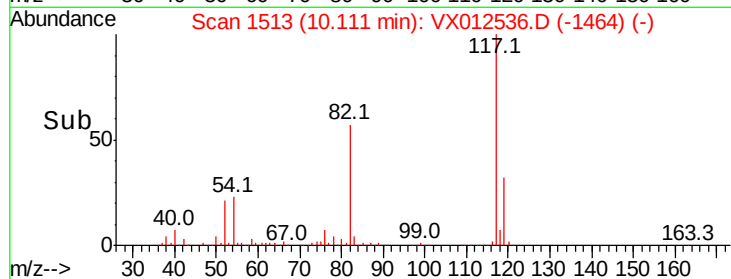
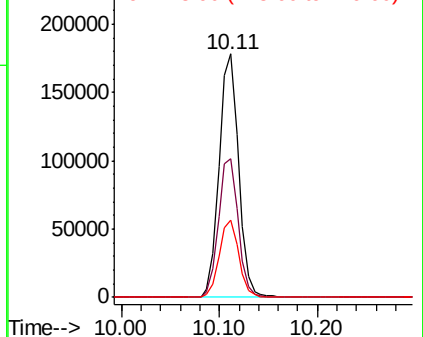
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20190911DL

Tot Ion:117 Resp: 246443
Ion Ratio Lower Upper
117 100
82 56.9 45.9 68.9
119 31.8 25.3 37.9

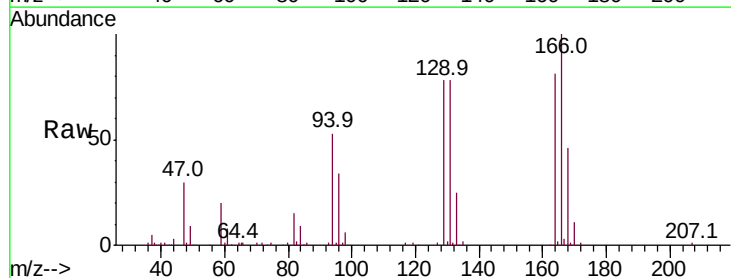


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

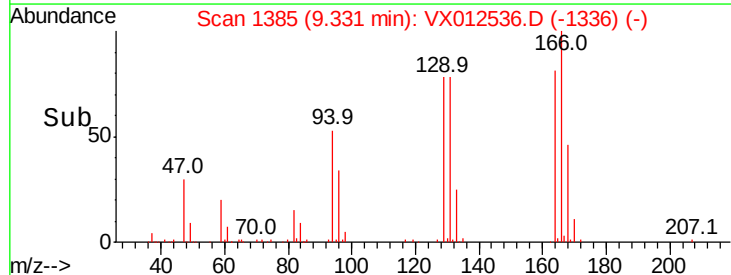
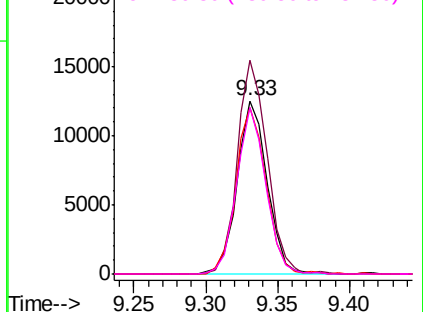


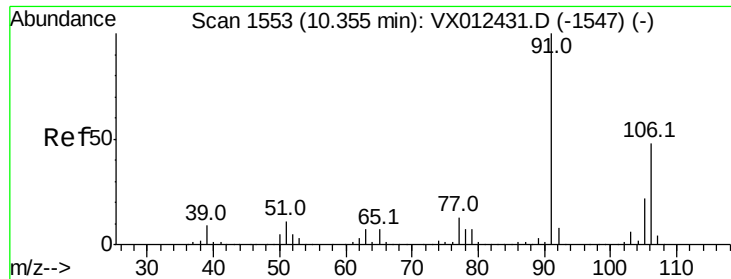
#64
Tetrachloroethene
Concen: 16.071 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Tgt Ion:164 Resp: 18149
Ion Ratio Lower Upper
164 100
166 123.6 107.8 161.6
129 96.6 86.2 129.2
131 96.1 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





#68

m/p-Xvlenes

Concen: 0.231 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012536.D

Acq: 19 Sep 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

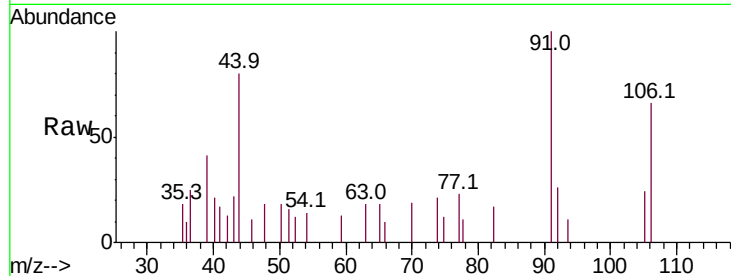
RE132D1-20190911DL

Tot Ion:106 Resp: 588

Ion Ratio Lower Upper

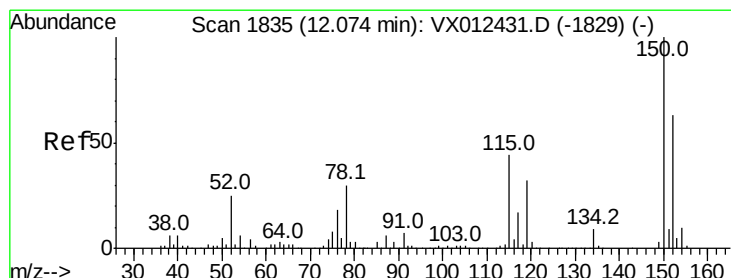
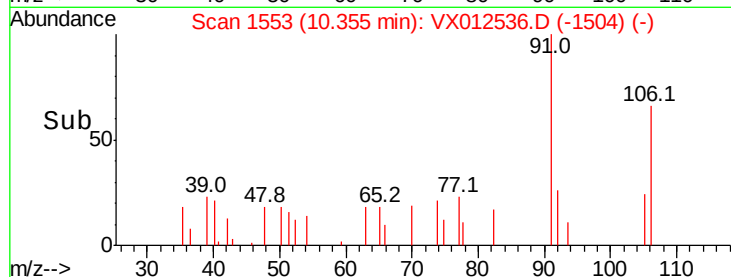
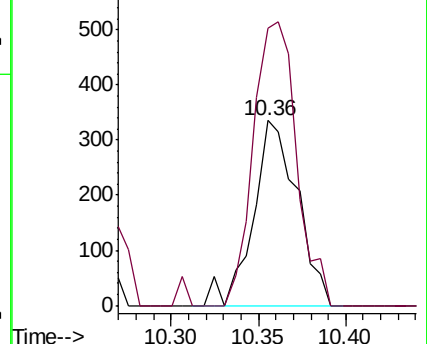
106 100

91 150.3 166.6 250.0#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012536.D

Acq: 19 Sep 2019 18:17

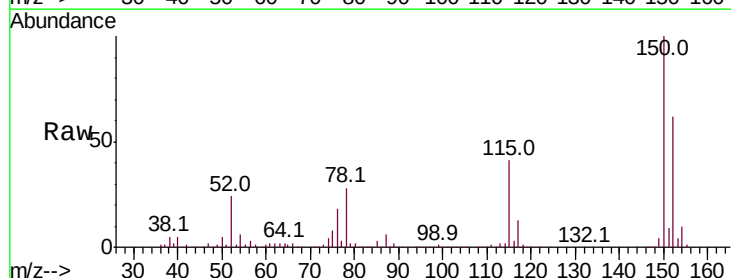
Tgt Ion:152 Resp: 89977

Ion Ratio Lower Upper

152 100

115 63.8 44.1 132.3

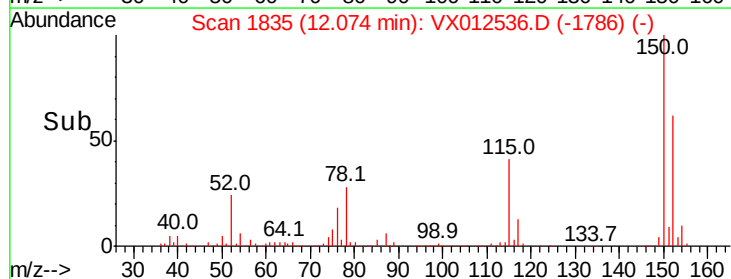
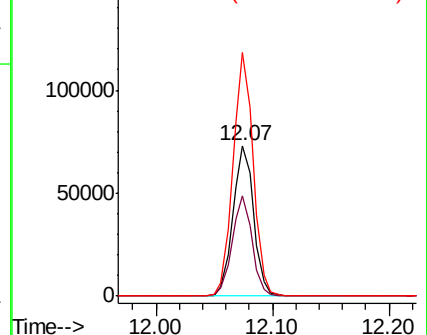
150 157.8 0.0 343.8

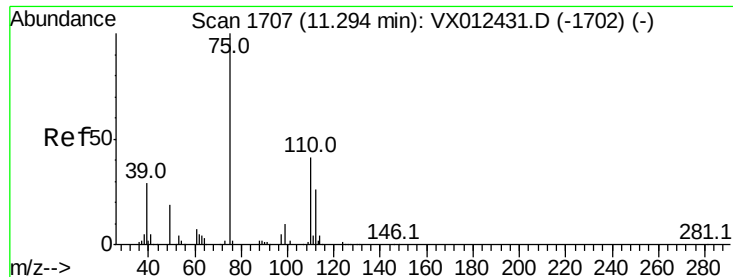


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 29.732 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012536.D

Acq: 19 Sep 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

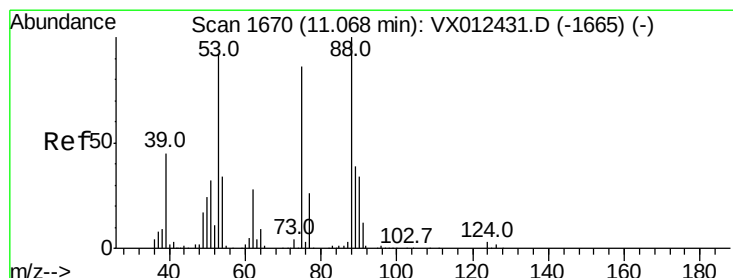
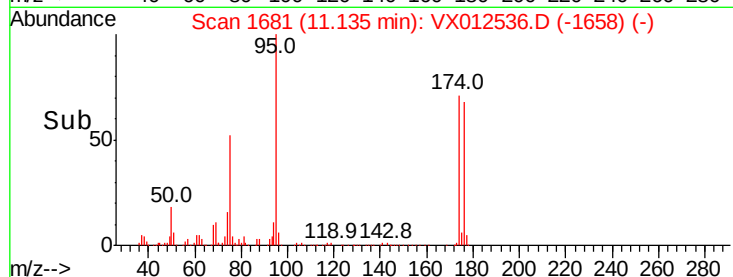
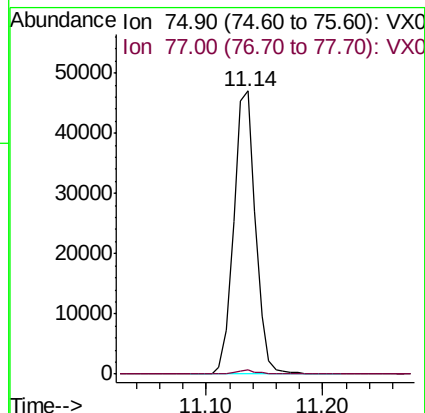
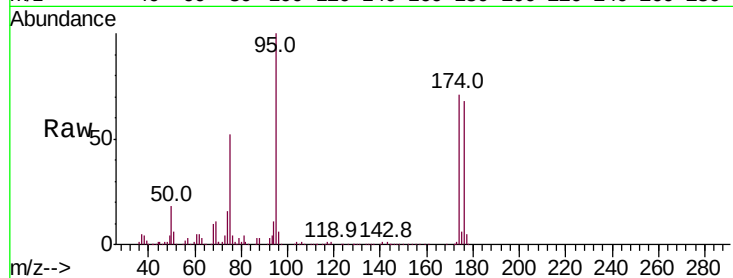
RE132D1-20190911DL

Tot Ion: 75 Resp: 61452

Ion Ratio Lower Upper

75 100

77 1.2 19.7 59.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 79.668 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012536.D

Acq: 19 Sep 2019 18:17

Tgt Ion: 75 Resp: 61452

Ion Ratio Lower Upper

75 100

53 0.1 83.6 125.4#

89 0.0 36.3 54.5#

