

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012500.D
 Acq On : 19 Sep 2019 02:18
 Operator : JC/SP
 Sample : K4858-26
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20190911

Quant Time: Sep 19 06:09:10 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	196183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	308118	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	259944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	101818	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	130829	46.53	ug/l	0.00
Spiked Amount			Recovery	=	93.06%	
35) Dibromofluoromethane	5.49	113	94312	50.57	ug/l	0.00
Spiked Amount			Recovery	=	101.14%	
50) Toluene-d8	8.71	98	356644	51.67	ug/l	0.00
Spiked Amount			Recovery	=	103.34%	
62) 4-Bromofluorobenzene	11.14	95	126865	44.26	ug/l	0.00
Spiked Amount			Recovery	=	88.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	1017	1.162	ug/l	89
3) Chloromethane	1.32	50	484	0.449	ug/l #	87
5) Bromomethane	1.64	94	414	0.904	ug/l #	41
6) Chloroethane	1.71	64	243	0.266	ug/l #	70
7) Trichlorofluoromethane	1.93	101	641	0.300	ug/l #	79
9) 1,1,2-Trichlorotrifluoroet	2.37	101	69827	45.162	ug/l	99
10) Methyl Iodide	2.51	142	167	4.557	ug/l #	4
11) Tert butyl alcohol	3.03	59	1434	Below Cal	#	82
12) 1,1-Dichloroethene	2.37	96	20754	16.826	ug/l	96
13) Acrolein	2.27	56	93	Below Cal	#	1
16) Acetone	2.43	43	4526	Below Cal		96
17) Carbon Disulfide	2.56	76	350	2.000	ug/l #	75
18) Methyl Acetate	2.59	43	11823	4.035	ug/l #	55
20) Methylene Chloride	2.85	84	447	0.263	ug/l #	60
21) trans-1,2-Dichloroethene	3.15	96	326	0.255	ug/l #	35
24) 1,1-Dichloroethane	3.69	63	8647	2.688	ug/l	95
25) 2-Butanone	4.68	43	699	0.358	ug/l #	51
27) cis-1,2-Dichloroethene	4.59	96	10084	5.270	ug/l	84
29) Tetrahydrofuran	5.14	42	1556	1.444	ug/l #	71
30) Chloroform	5.21	83	5381	1.456	ug/l #	80
32) 1,1,1-Trichloroethane	5.50	97	2554	0.827	ug/l #	23
36) 1,1-Dichloropropene	5.65	75	16885	9.017	ug/l #	52
38) Carbon Tetrachloride	5.78	117	4926	2.115	ug/l	97
39) Methylcyclohexane	7.21	83	50001	27.467	ug/l #	1
41) Methacrylonitrile	5.01	41	403	0.218	ug/l #	53
42) 1,2-Dichloroethane	6.20	62	1663	0.602	ug/l	85
44) Trichloroethene	7.21	130	4090131	2611.134	ug/l	98
49) 1,4-Dioxane	7.75	88	1135	19.176	ug/l #	61
55) 1,1,2-Trichloroethane	9.21	97	3083	1.560	ug/l	93
60) Dibromochloromethane	9.33	129	8202	4.073	ug/l #	11
64) Tetrachloroethene	9.33	164	8192	6.877	ug/l	94
71) Bromoform	11.12	173	31	2.889	ug/l #	29
76) 1,2,3-Trichloropropane	11.14	75	66361	28.373	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	66361	76.168	ug/l #	8

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
Data File : VX012500.D
Acq On : 19 Sep 2019 02:18
Operator : JC/SP
Sample : K4858-26
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20190911

Quant Time: Sep 19 06:09:10 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

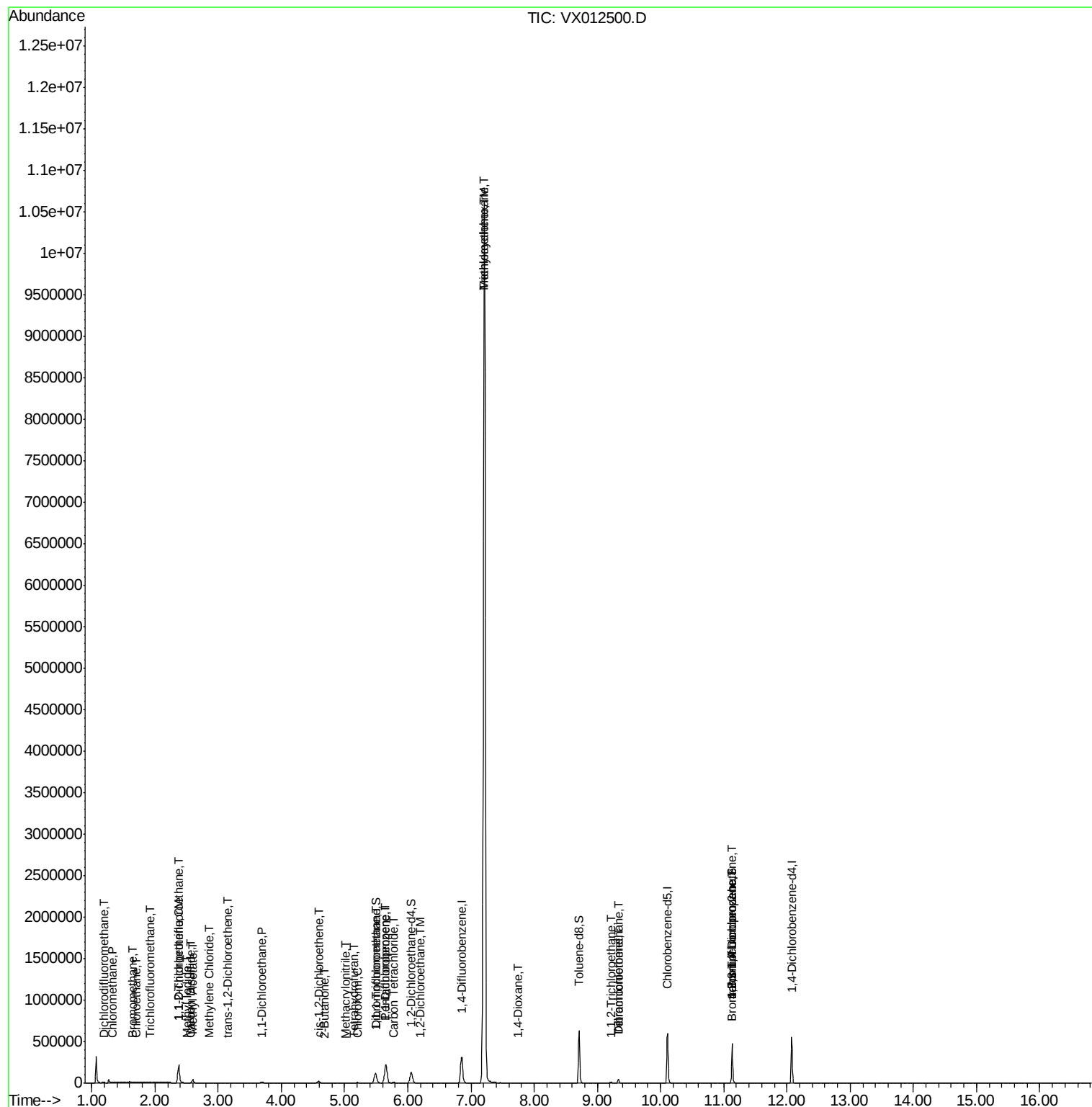
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

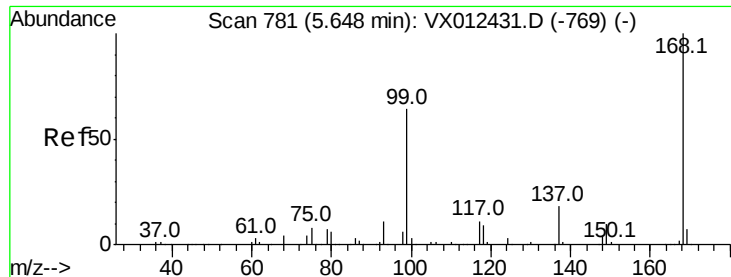
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091819\
Data File : VX012500.D
Acq On : 19 Sep 2019 02:18
Operator : JC/SP
Sample : K4858-26
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20190911

Quant Time: Sep 19 06:09:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
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# 781

Delta R.T. -0.00 min

Lab File: VX012500.D

Acq: 19 Sep 2019 02:18

Instrument :

MSVOA_X

ClientSampleId :

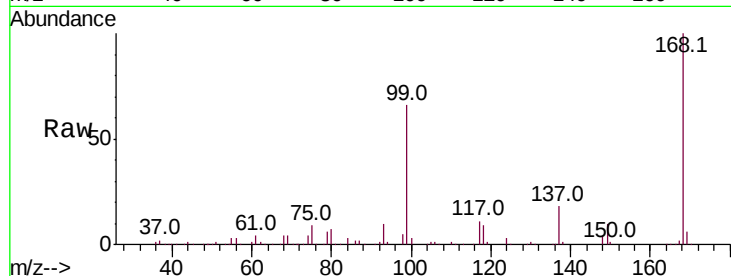
RE132D6-20190911

Tot Ion:168 Resp: 196183

Ion Ratio Lower Upper

168 100

99 66.4 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

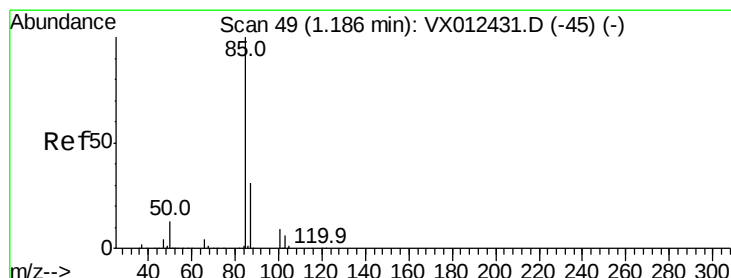
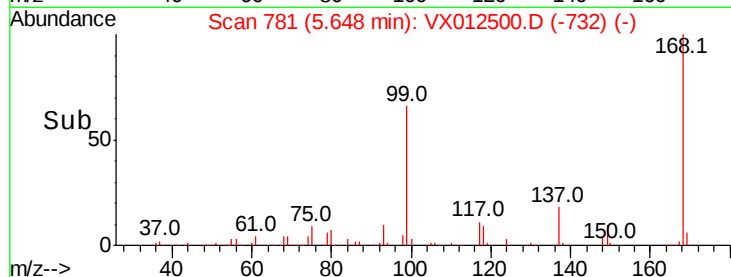
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 1.162 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012500.D

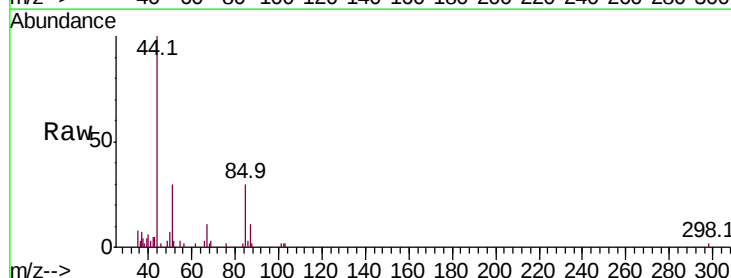
Acq: 19 Sep 2019 02:18

Tgt Ion: 85 Resp: 1017

Ion Ratio Lower Upper

85 100

87 37.1 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

1000

800

600

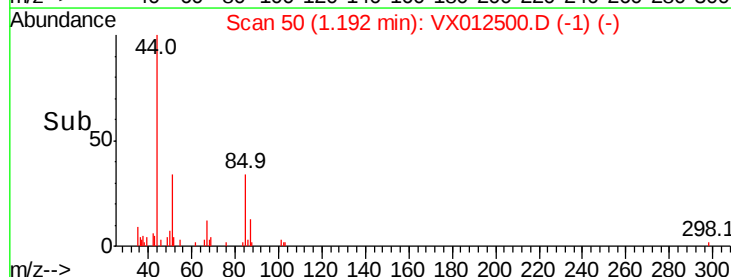
400

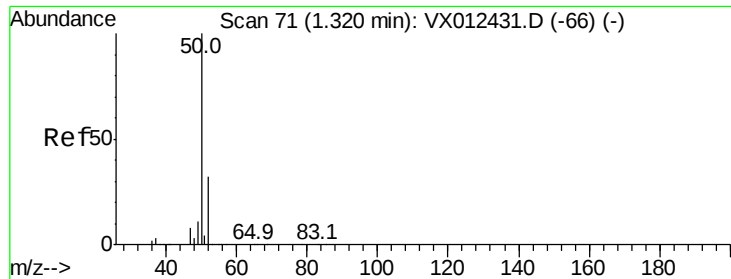
200

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 0.449 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012500.D

Acq: 19 Sep 2019 02:18

Instrument :

MSVOA_X

ClientSampleId :

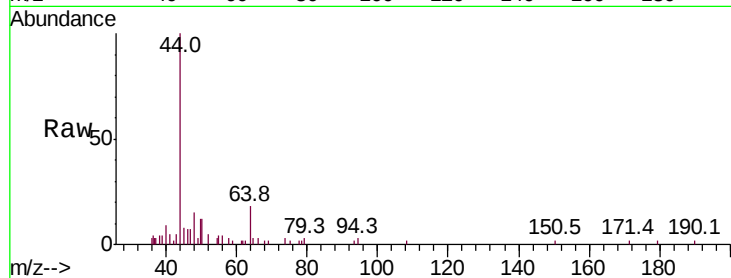
RE132D6-20190911

Tot Ion: 50 Resp: 484

Ion Ratio Lower Upper

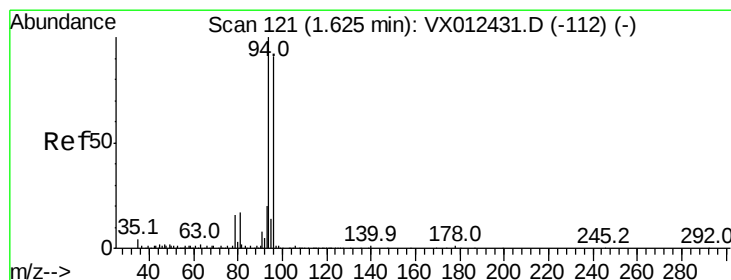
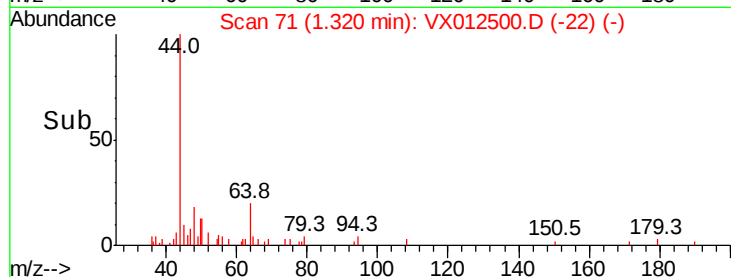
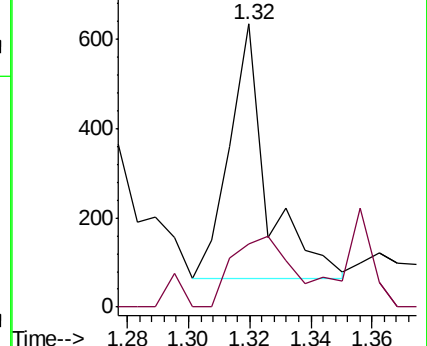
50 100

52 25.0 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: 0.904 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.02 min

Lab File: VX012500.D

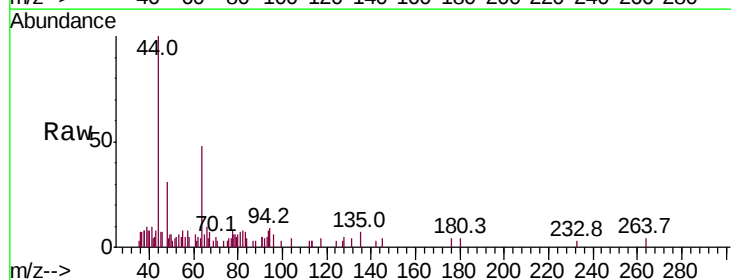
Acq: 19 Sep 2019 02:18

Tgt Ion: 94 Resp: 414

Ion Ratio Lower Upper

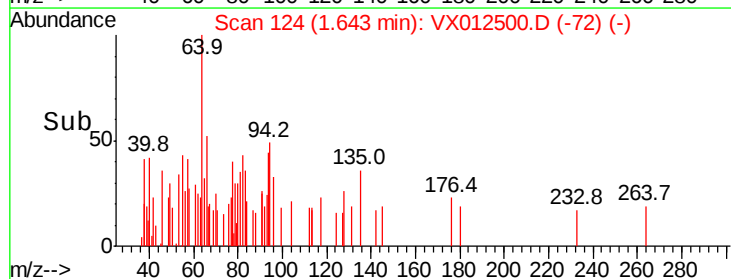
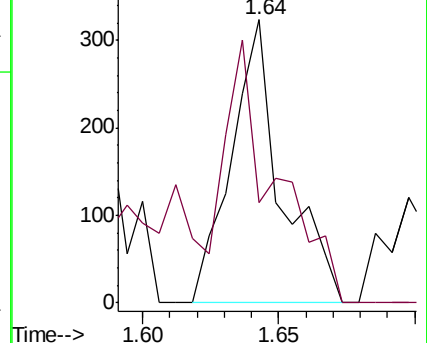
94 100

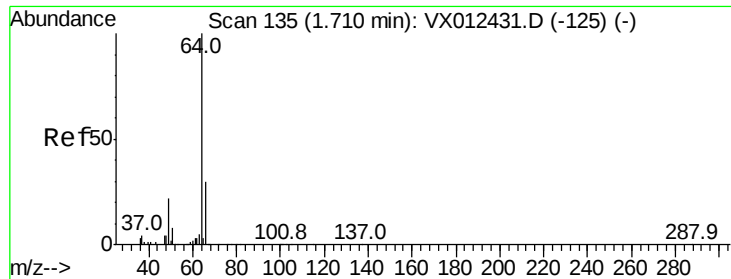
96 35.3 72.8 109.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.266 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012500.D

Acq: 19 Sep 2019 02:18

Instrument :

MSVOA_X

ClientSampleId :

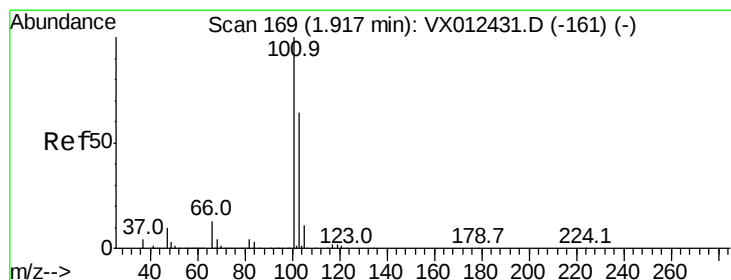
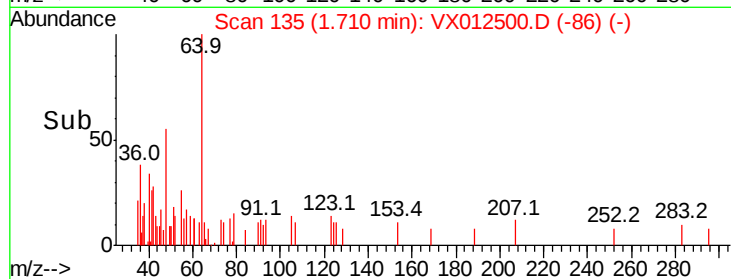
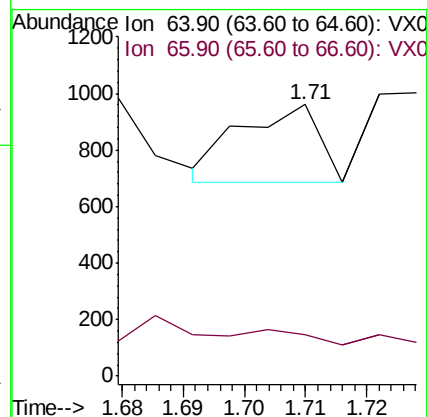
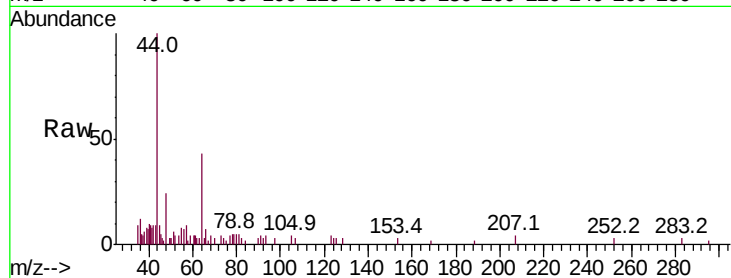
RE132D6-20190911

Tot Ion: 64 Resp: 243

Ion Ratio Lower Upper

64 100

66 13.9 24.0 36.0#



#7

Trichlorofluoromethane

Concen: 0.300 ug/l

RT: 1.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VX012500.D

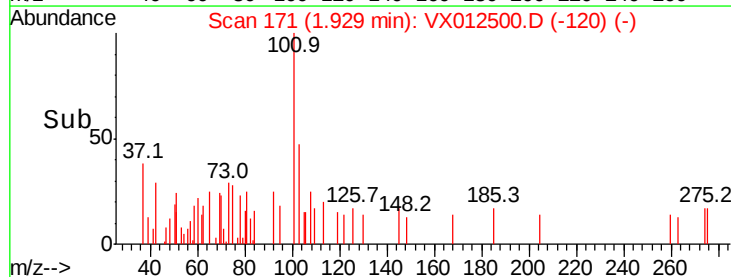
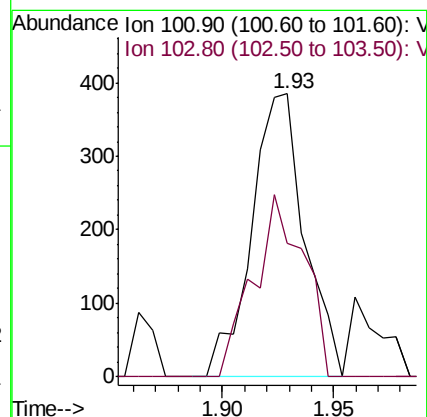
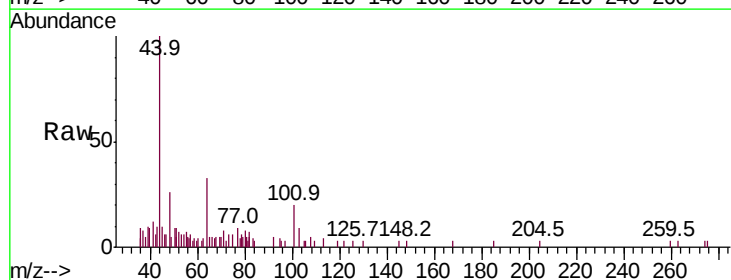
Acq: 19 Sep 2019 02:18

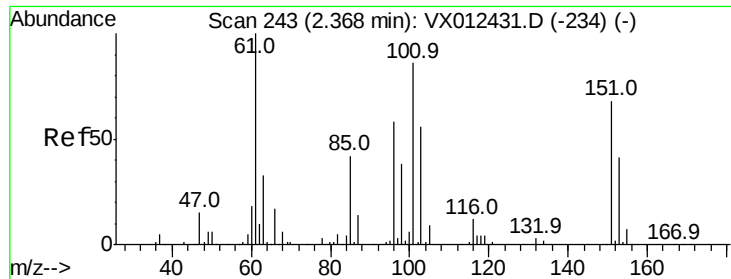
Tgt Ion:101 Resp: 641

Ion Ratio Lower Upper

101 100

103 47.0 51.0 76.4#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.162 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012500.D

Acq: 19 Sep 2019 02:18

Instrument :

MSVOA_X

ClientSampleId :

RE132D6-20190911

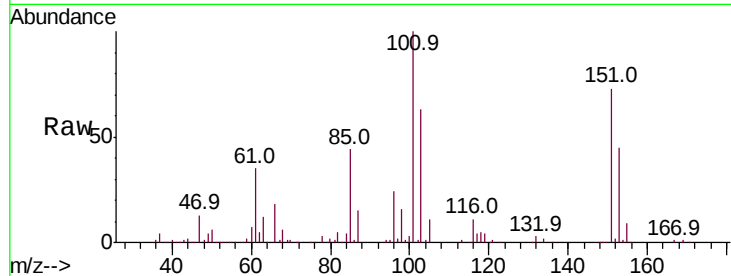
Tot Ion:101 Resp: 69827

Ion Ratio Lower Upper

101 100

85 45.0 37.3 55.9

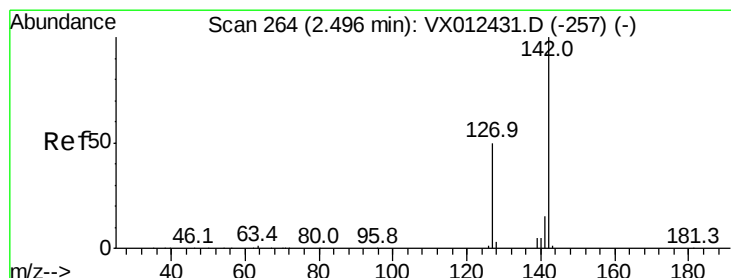
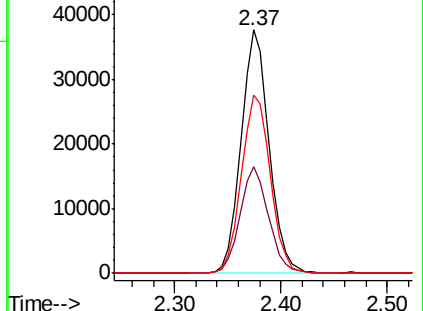
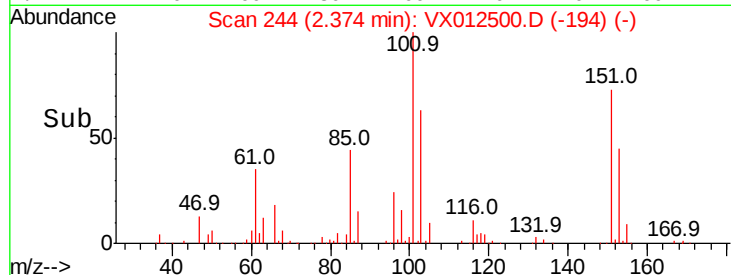
151 75.8 61.0 91.4



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: 4.557 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX012500.D

Acq: 19 Sep 2019 02:18

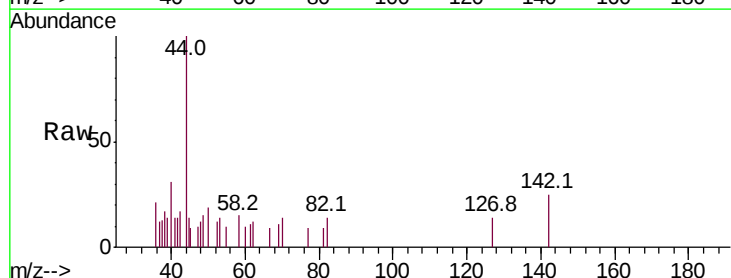
Tgt Ion:142 Resp: 167

Ion Ratio Lower Upper

142 100

127 129.9 40.8 61.2#

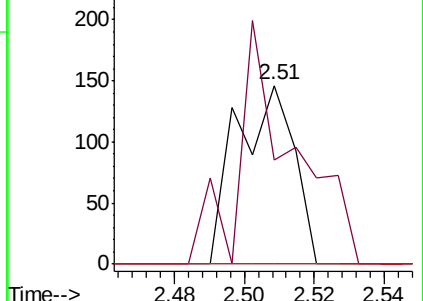
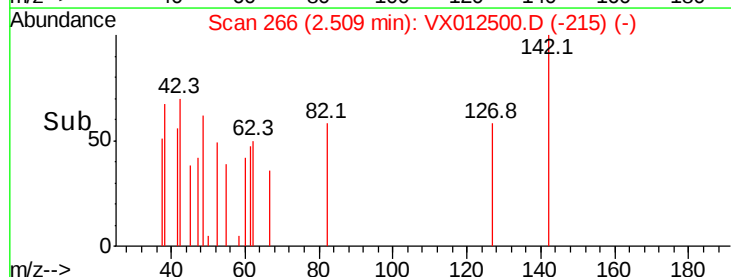
141 0.0 12.1 18.1#

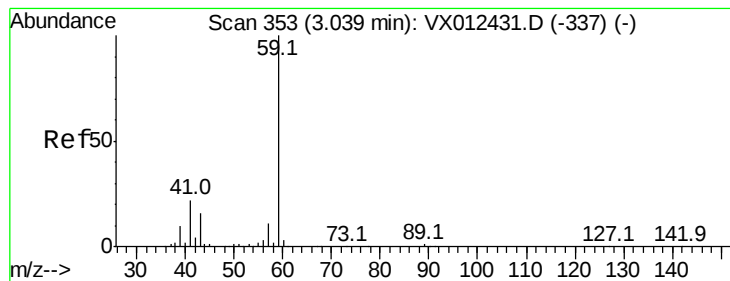


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



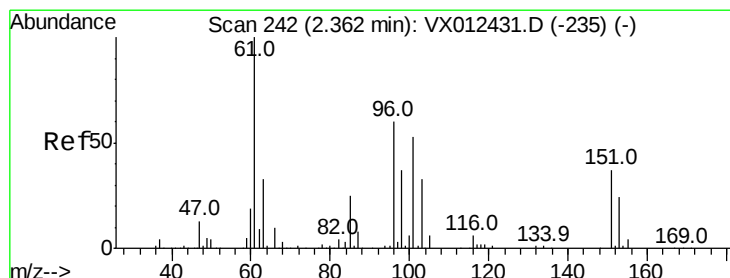
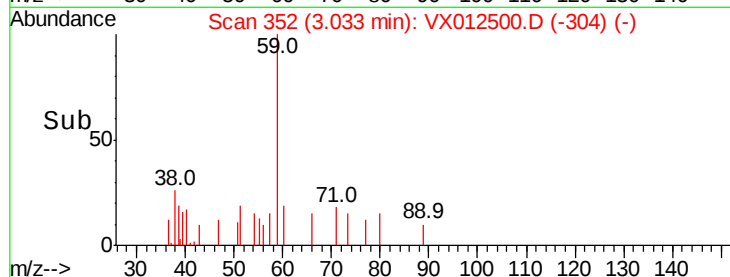
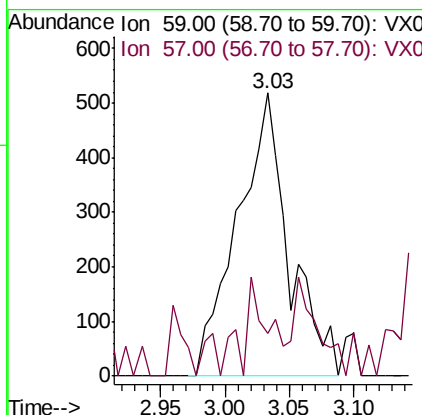
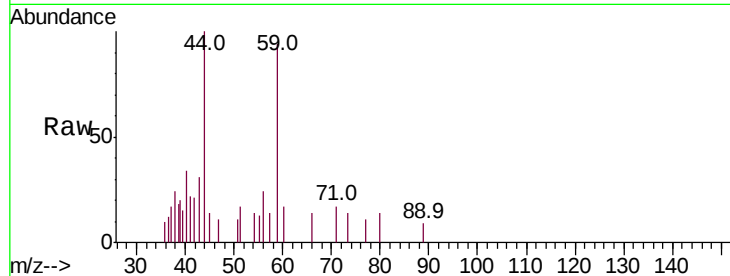


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012500.D
 Acq: 19 Sep 2019 02:18

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20190911

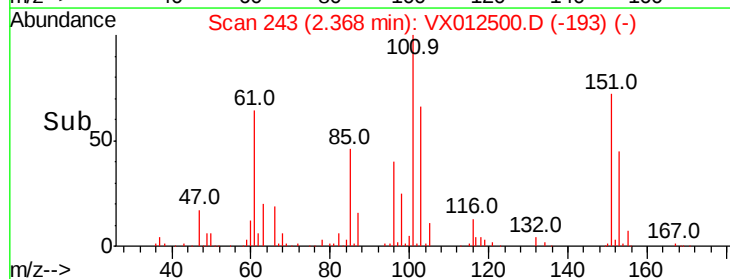
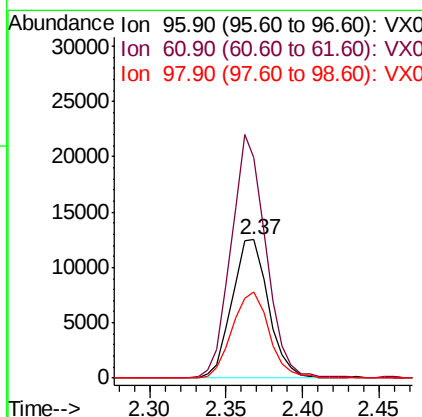
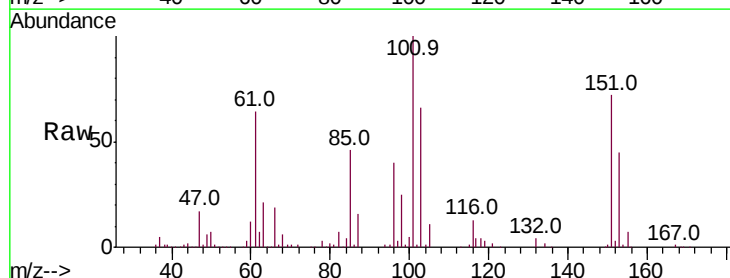
Tot Ion: 59 Resp: 1434
 Ion Ratio Lower Upper
 59 100
 57 17.2 8.3 12.5#

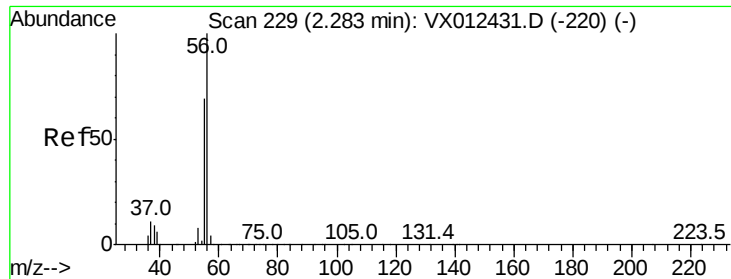


#12

1,1-Dichloroethene
 Concen: 16.826 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.01 min
 Lab File: VX012500.D
 Acq: 19 Sep 2019 02:18

Tgt Ion: 96 Resp: 20754
 Ion Ratio Lower Upper
 96 100
 61 159.3 133.8 200.6
 98 62.4 49.9 74.9

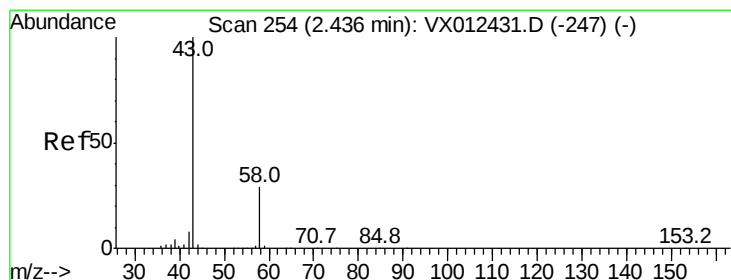
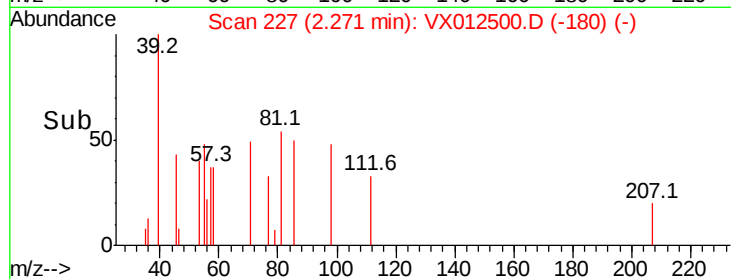
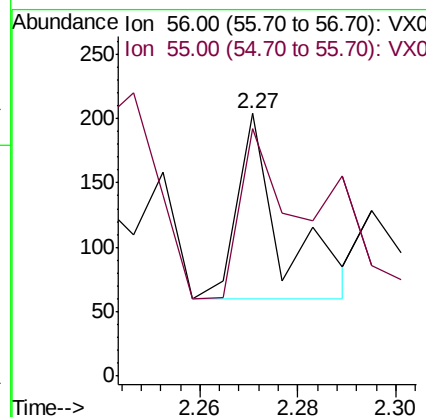
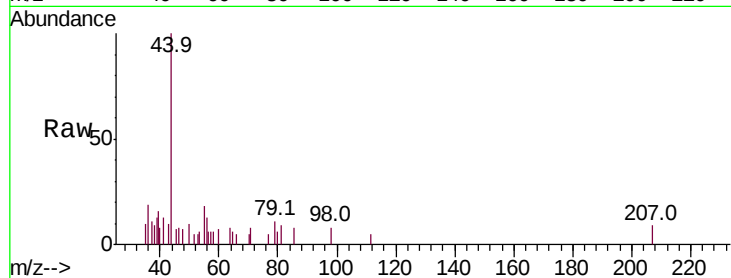




#13
Acrolein
Concen: Below Cal
RT: 2.27 min Scan# 227
Delta R.T. -0.01 min
Lab File: VX012500.D
Acq: 19 Sep 2019 02:18

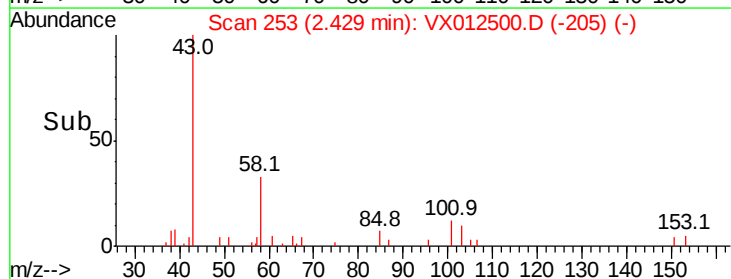
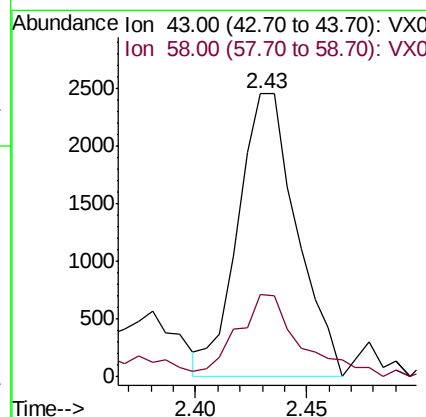
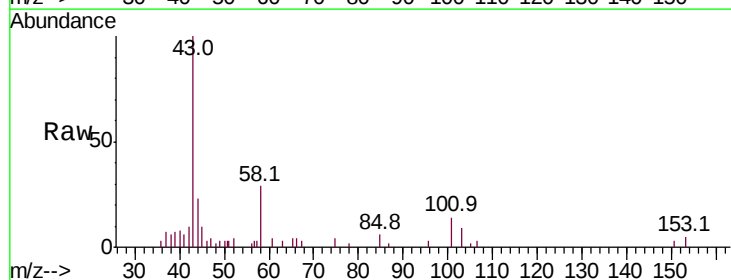
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20190911

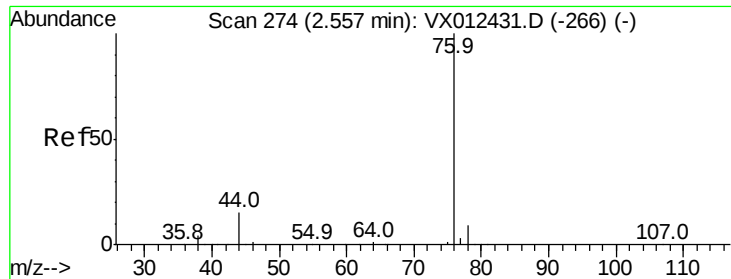
Tot Ion: 56 Resp: 93
Ion Ratio Lower Upper
56 100
55 180.6 55.8 83.8#



#16
Acetone
Concen: Below Cal
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX012500.D
Acq: 19 Sep 2019 02:18

Tgt Ion: 43 Resp: 4526
Ion Ratio Lower Upper
43 100
58 26.9 23.3 34.9





#17

Carbon Disulfide

Concen: 2.000 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX012500.D

Acq: 19 Sep 2019 02:18

Instrument :

MSVOA_X

ClientSampleId :

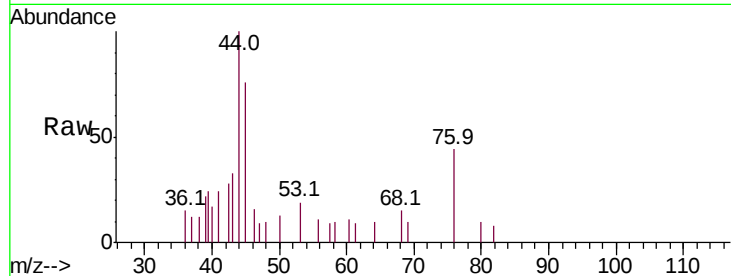
RE132D6-20190911

Tot Ion: 76 Resp: 350

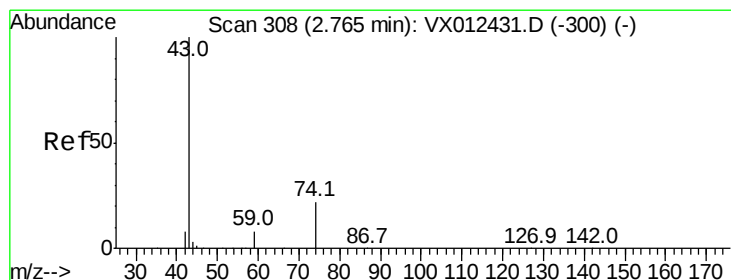
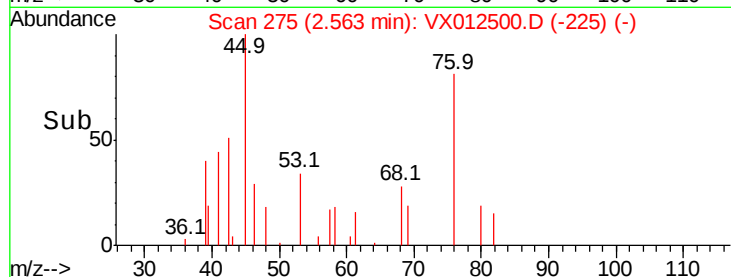
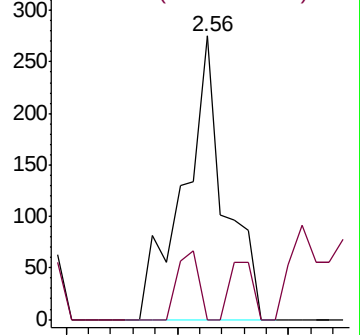
Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0



#18

Methyl Acetate

Concen: 4.035 ug/l

RT: 2.59 min Scan# 280

Delta R.T. -0.17 min

Lab File: VX012500.D

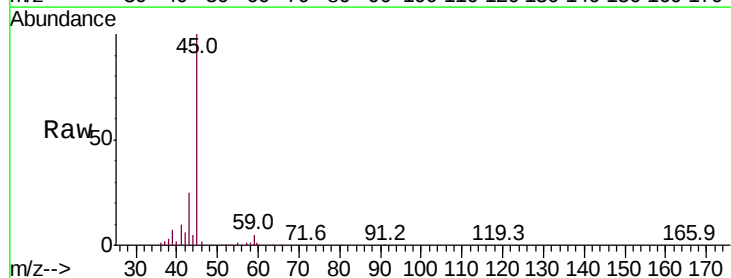
Acq: 19 Sep 2019 02:18

Tgt Ion: 43 Resp: 11823

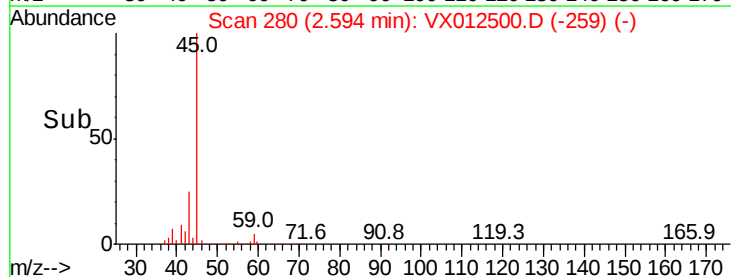
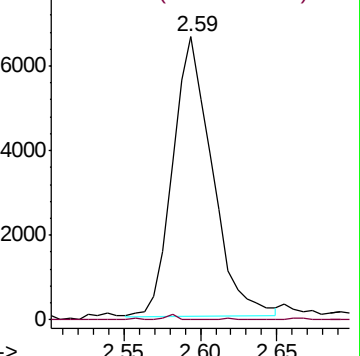
Ion Ratio Lower Upper

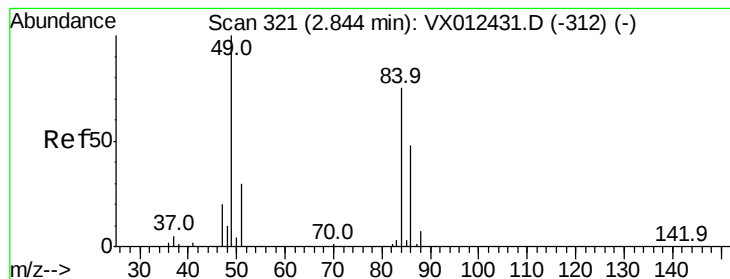
43 100

74 0.6 17.7 26.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0





#20

Methylene Chloride

Concen: 0.263 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.01 min

Lab File: VX012500.D

Acq: 19 Sep 2019 02:18

Instrument :

MSVOA_X

ClientSampleId :

RE132D6-20190911

Tot Ion: 84 Resp: 447

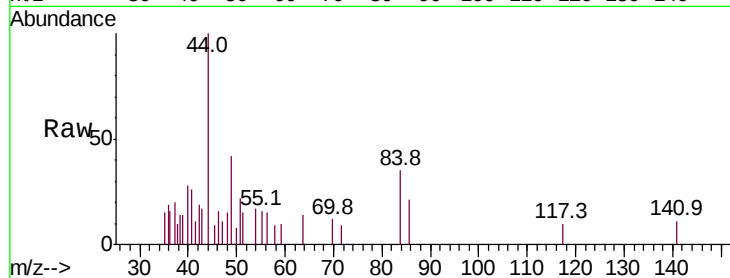
Ion Ratio Lower Upper

84 100

49 90.7 106.8 160.2#

51 107.9 32.3 48.5#

86 59.8 51.3 76.9

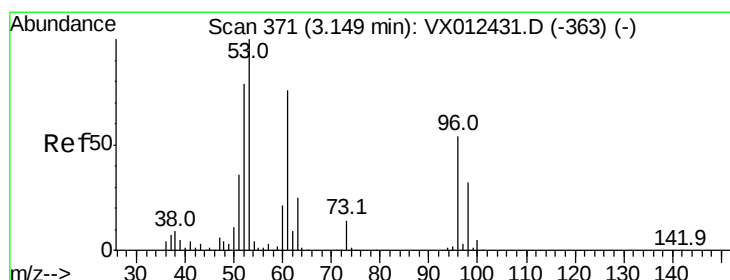
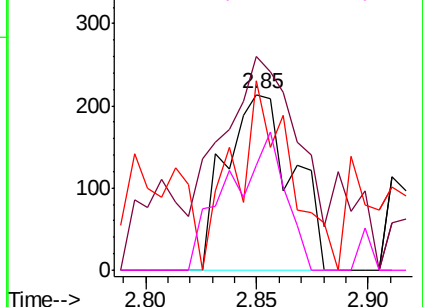
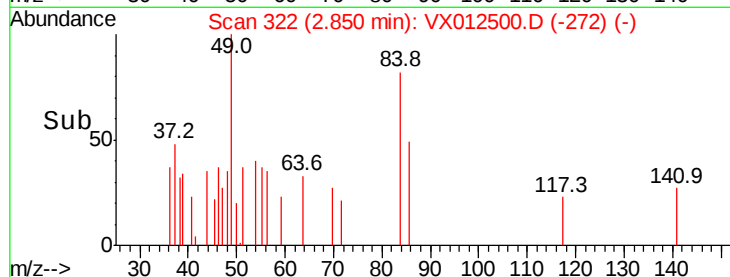


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#21

trans-1,2-Dichloroethene

Concen: 0.255 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012500.D

Acq: 19 Sep 2019 02:18

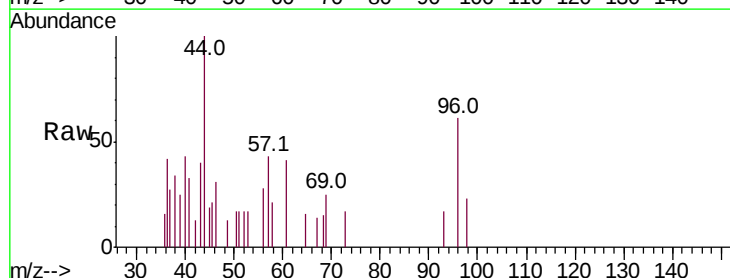
Tgt Ion: 96 Resp: 326

Ion Ratio Lower Upper

96 100

61 42.6 112.0 168.0#

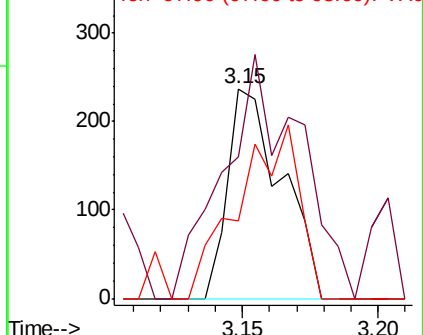
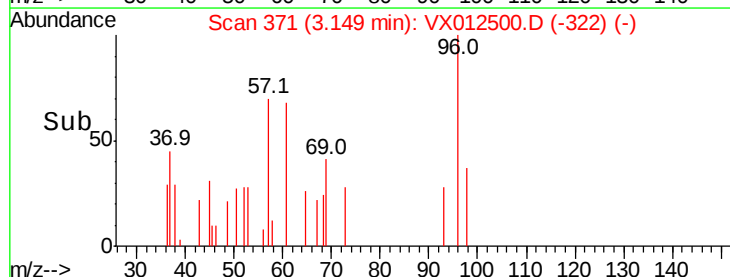
98 37.1 47.8 71.8#

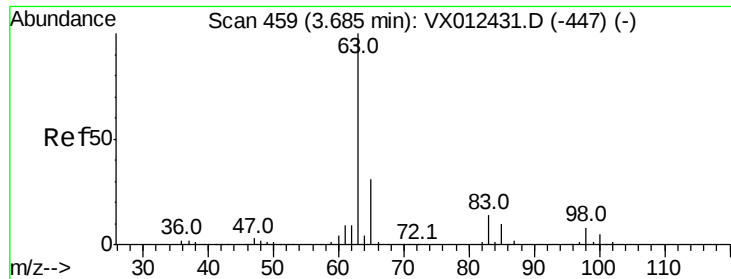


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#24

1,1-Dichloroethane

Concen: 2.688 ug/l

RT: 3.69 min Scan# 459

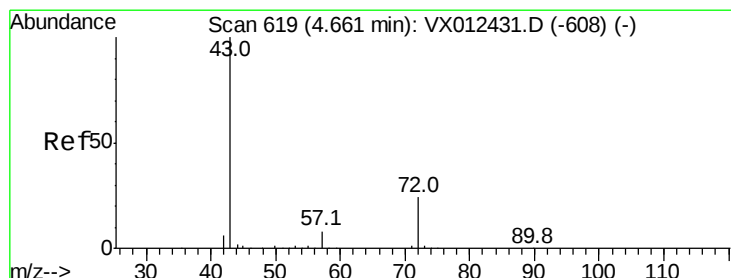
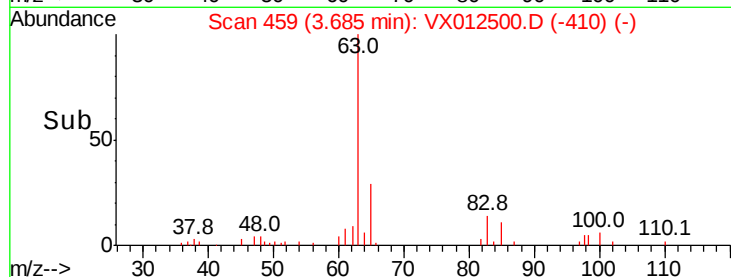
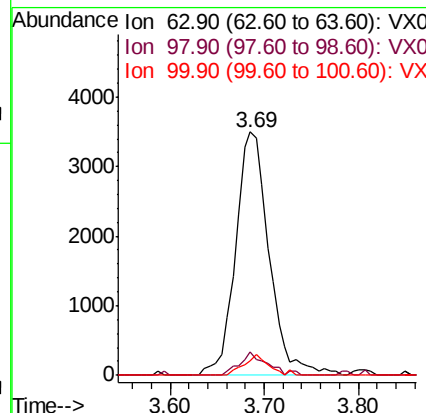
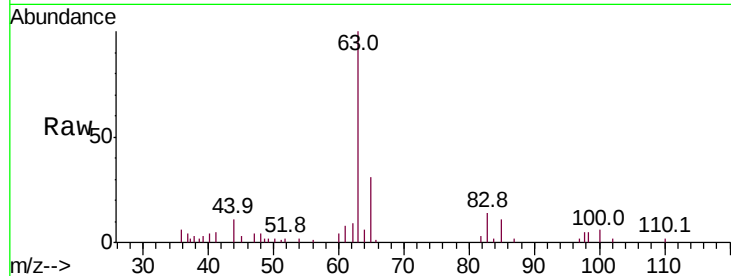
Delta R.T. -0.00 min

Lab File: VX012500.D

Acq: 19 Sep 2019 02:18

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20190911

Tot Ion:	63	Resp:	8647
Ion	Ratio	Lower	Upper
63	100		
98	9.6	3.9	11.7
100	5.8	2.3	6.9



#25

2-Butanone

Concen: 0.358 ug/l

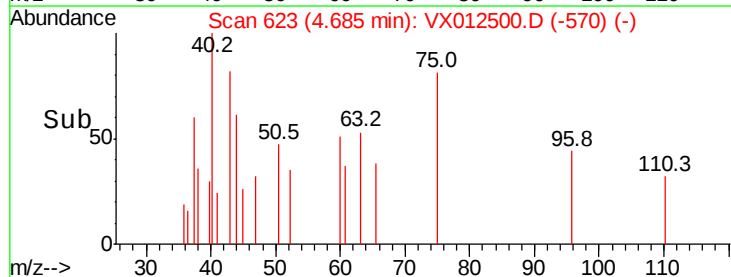
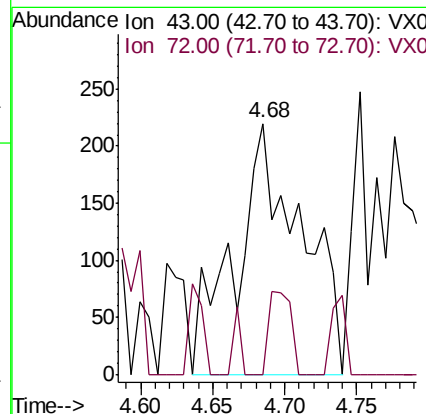
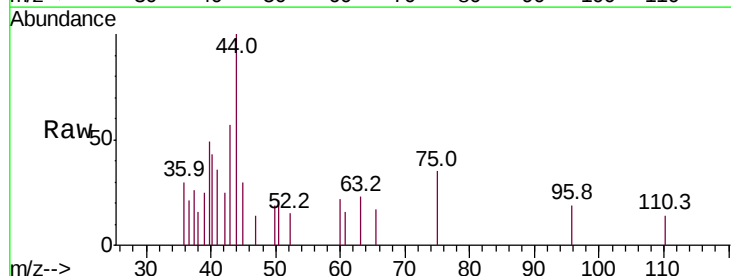
RT: 4.68 min Scan# 623

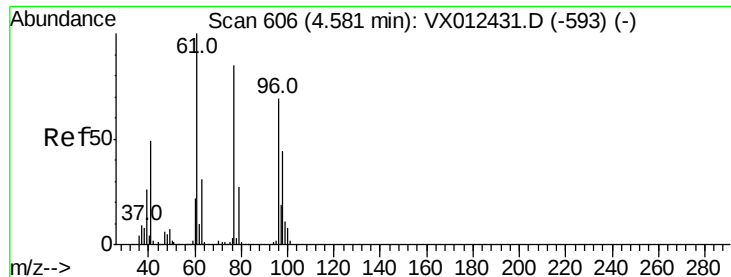
Delta R.T. 0.02 min

Lab File: VX012500.D

Acq: 19 Sep 2019 02:18

Tgt Ion:	43	Resp:	699
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.2	28.8#



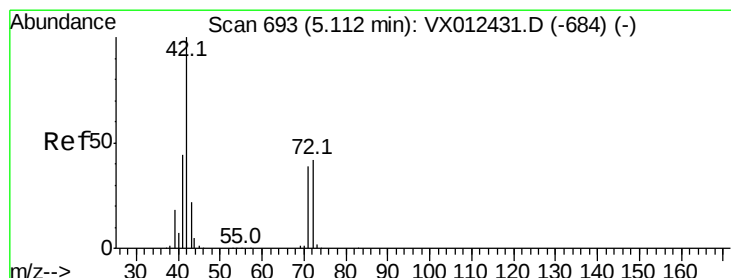
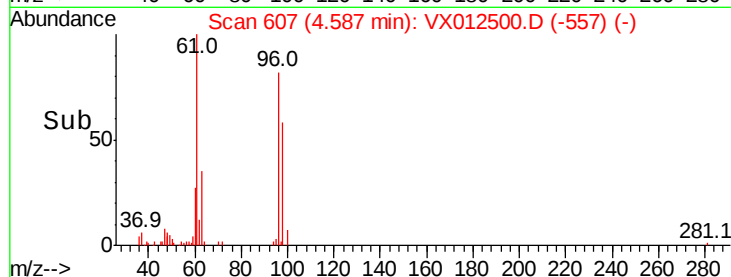
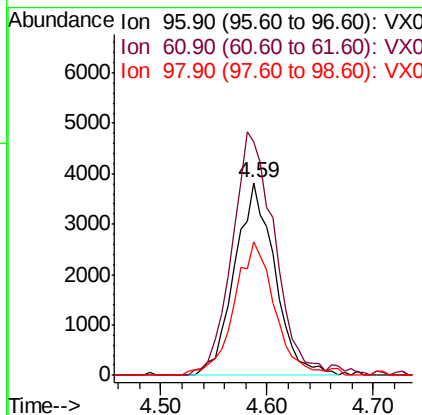
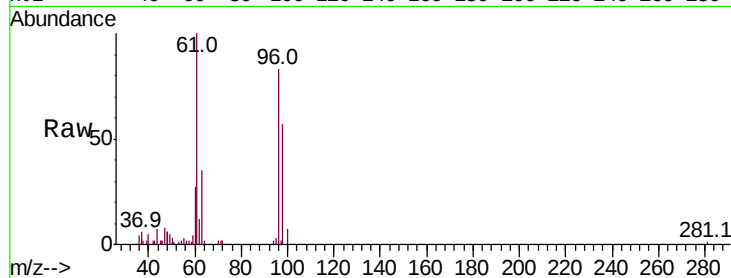


#27

cis-1,2-Dichloroethene
 Concen: 5.270 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX012500.D
 Acq: 19 Sep 2019 02:18

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20190911

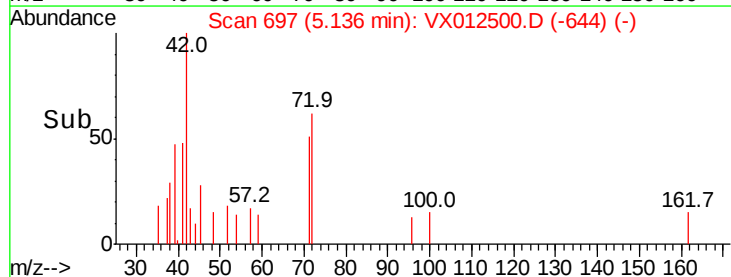
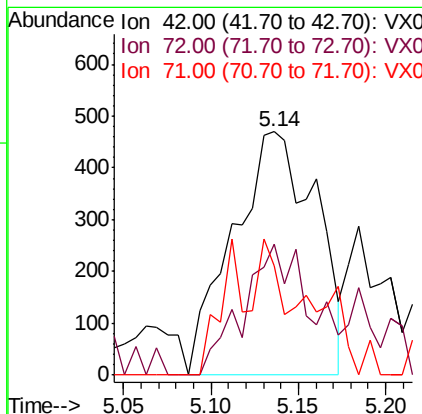
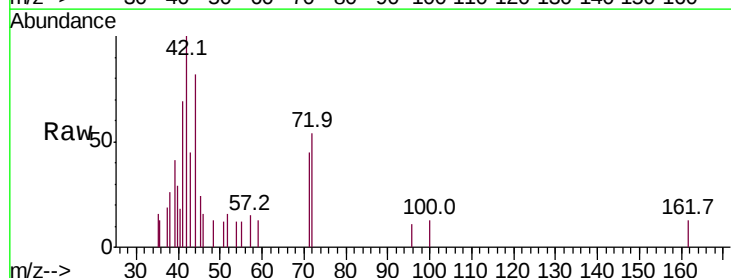
Tot Ion: 96 Resp: 10084
 Ion Ratio Lower Upper
 96 100
 61 133.2 0.0 319.4
 98 70.1 0.0 130.6

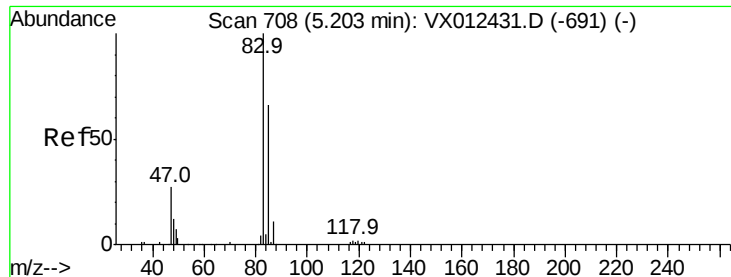


#29

Tetrahydrofuran
 Concen: 1.444 ug/l
 RT: 5.14 min Scan# 697
 Delta R.T. 0.02 min
 Lab File: VX012500.D
 Acq: 19 Sep 2019 02:18

Tgt Ion: 42 Resp: 1556
 Ion Ratio Lower Upper
 42 100
 72 37.9 34.0 51.0
 71 7.3 31.5 47.3#





#30

Chloroform

Concen: 1.456 ug/l

RT: 5.21 min Scan# 709

Delta R.T. 0.01 min

Lab File: VX012500.D

Acq: 19 Sep 2019 02:18

Instrument :

MSVOA_X

ClientSampleId :

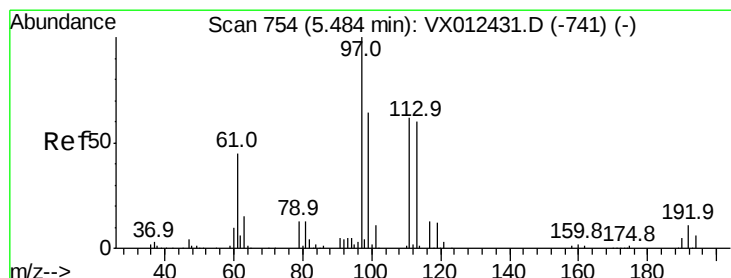
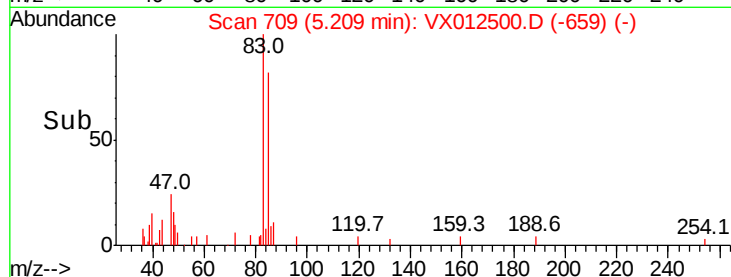
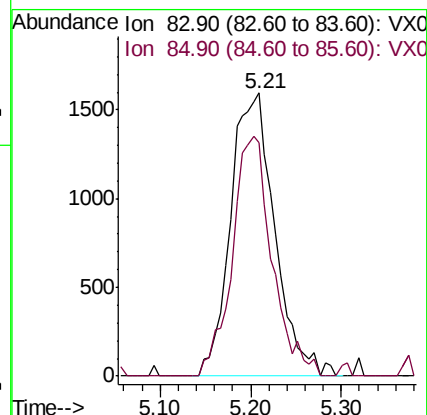
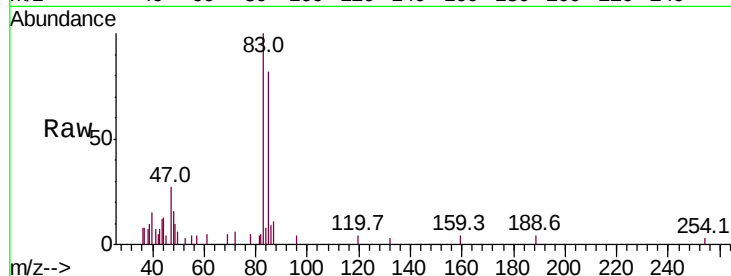
RE132D6-20190911

Tot Ion: 83 Resp: 5381

Ion Ratio Lower Upper

83 100

85 82.4 53.0 79.4#



#32

1,1,1-Trichloroethane

Concen: 0.827 ug/l

RT: 5.50 min Scan# 757

Delta R.T. 0.02 min

Lab File: VX012500.D

Acq: 19 Sep 2019 02:18

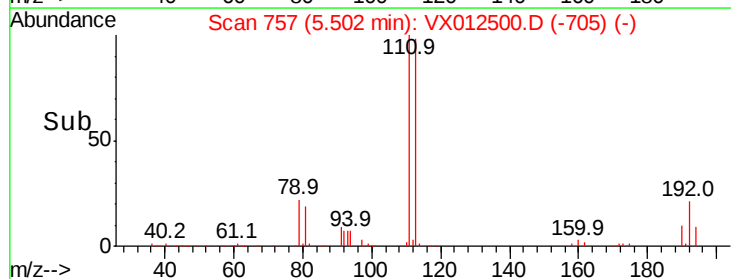
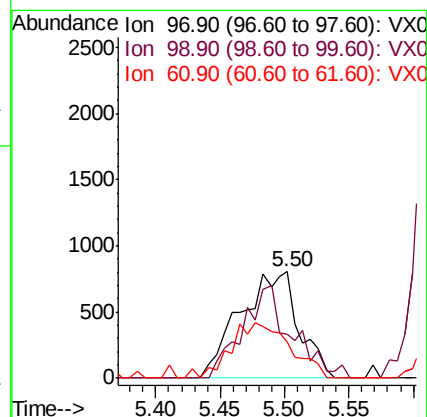
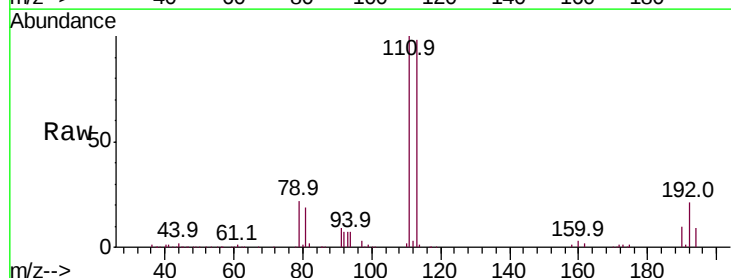
Tgt Ion: 97 Resp: 2554

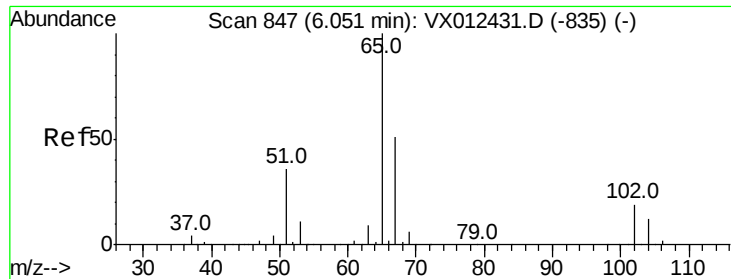
Ion Ratio Lower Upper

97 100

99 0.0 51.3 76.9#

61 0.0 36.1 54.1#





#33

1,2-Dichloroethane-d4

Concen: 46.530 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012500.D

Acq: 19 Sep 2019 02:18

Instrument :

MSVOA_X

ClientSampleId :

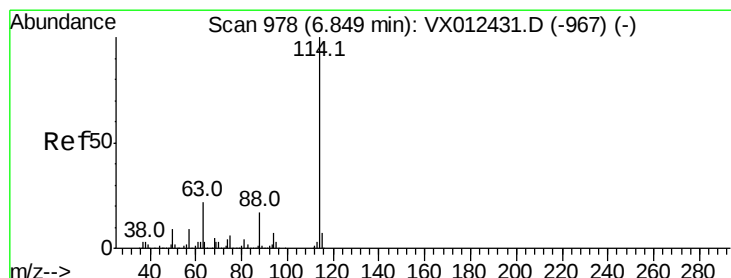
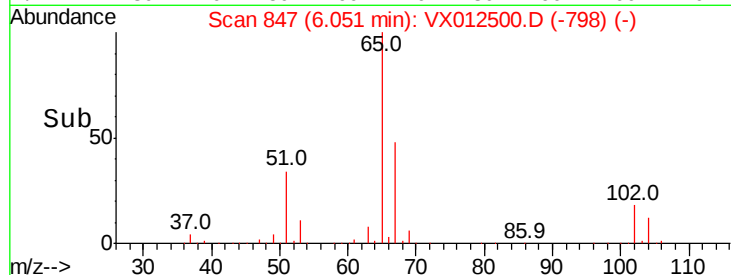
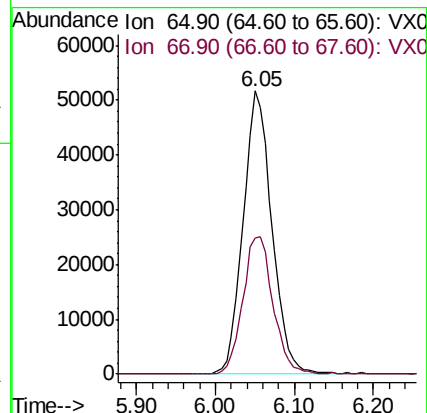
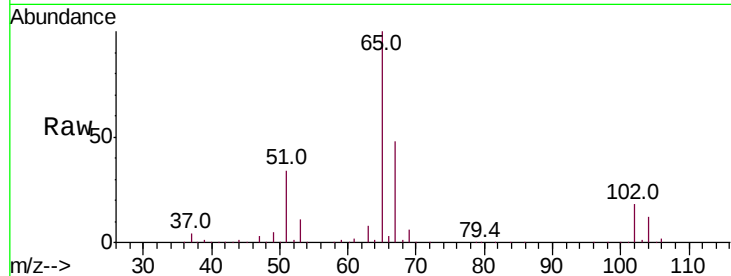
RE132D6-20190911

Tot Ion: 65 Resp: 130829

Ion Ratio Lower Upper

65 100

67 51.0 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX012500.D

Acq: 19 Sep 2019 02:18

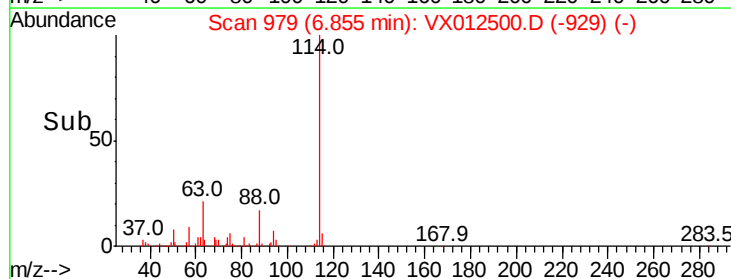
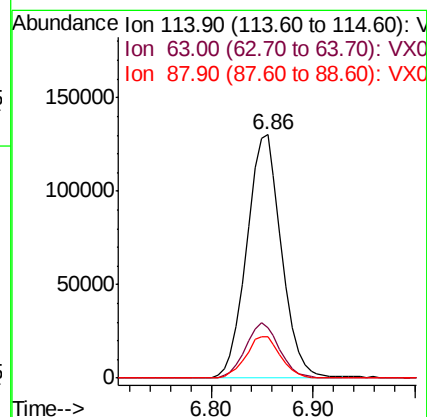
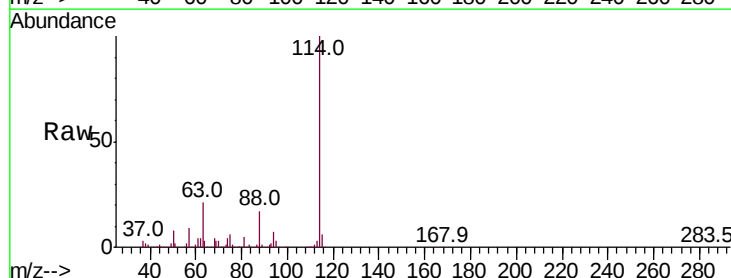
Tgt Ion:114 Resp: 308118

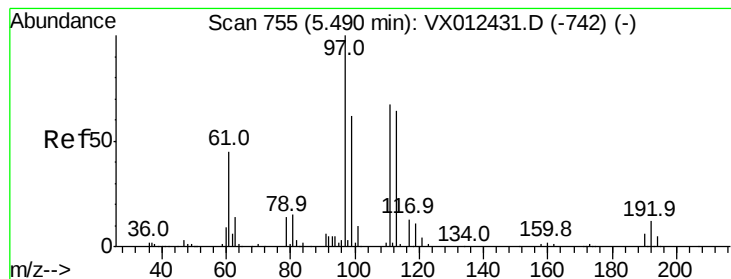
Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.2

88 17.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.572 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012500.D

Acq: 19 Sep 2019 02:18

Instrument :

MSVOA_X

ClientSampleId :

RE132D6-20190911

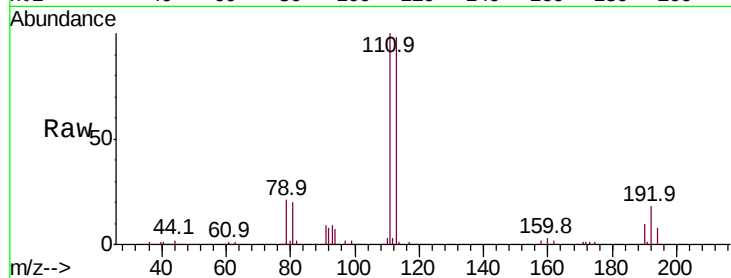
Tot Ion:113 Resp: 94312

Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.2

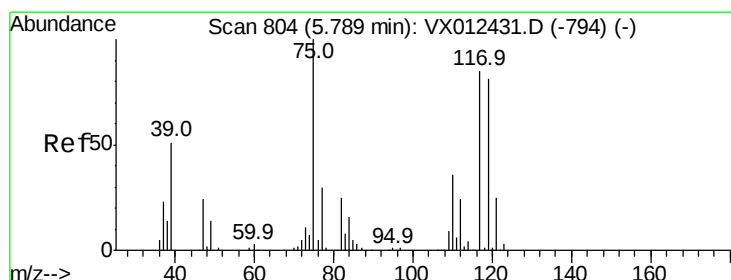
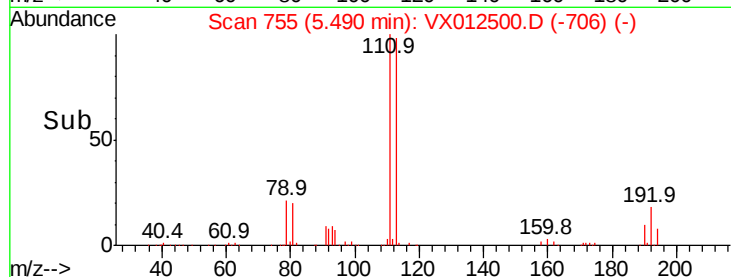
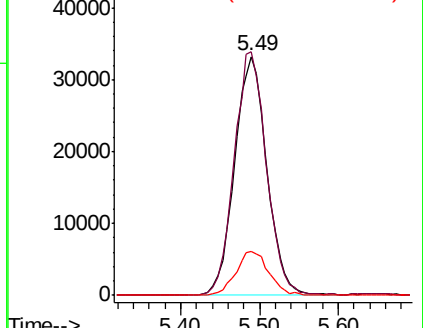
192 18.9 14.4 21.6



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: 9.017 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.13 min

Lab File: VX012500.D

Acq: 19 Sep 2019 02:18

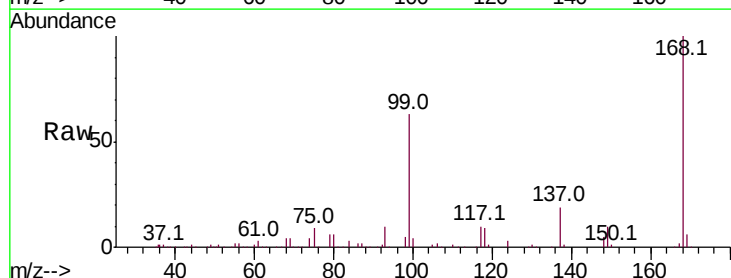
Tgt Ion: 75 Resp: 16885

Ion Ratio Lower Upper

75 100

110 9.8 16.7 50.0#

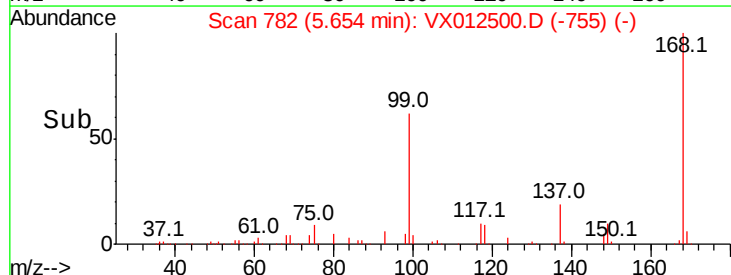
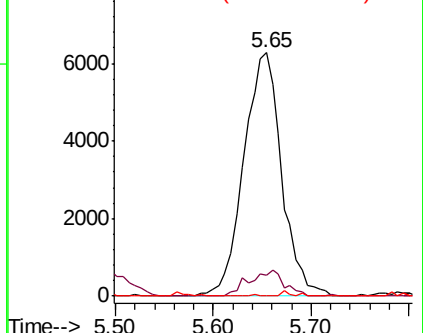
77 0.1 24.2 36.2#

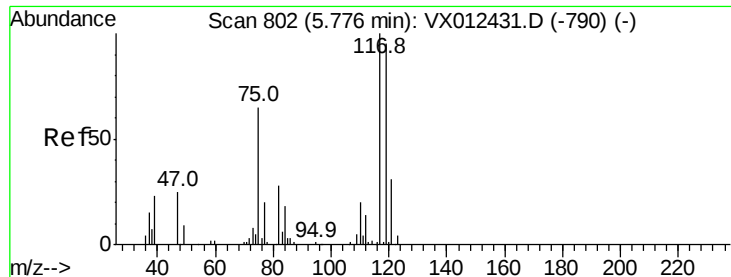


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

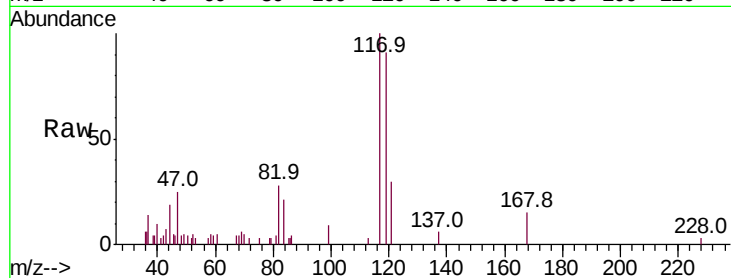




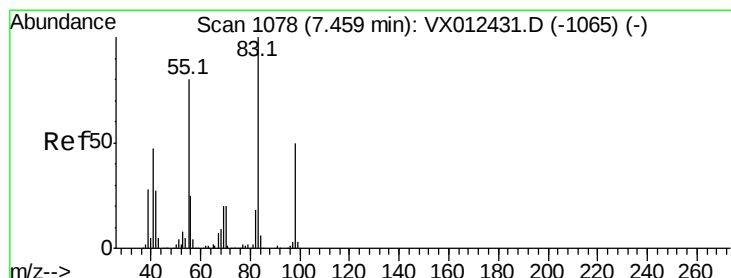
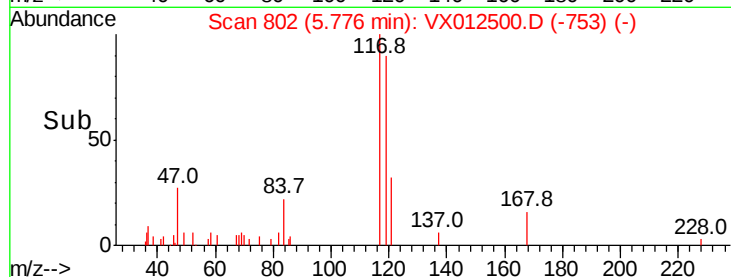
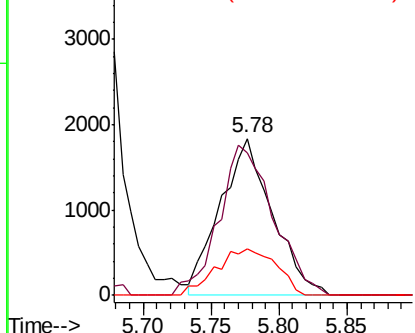
#38
Carbon Tetrachloride
Concen: 2.115 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX012500.D
Acq: 19 Sep 2019 02:18

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20190911

Tot Ion:117 Resp: 4926
Ion Ratio Lower Upper
117 100
119 90.7 75.7 113.5
121 29.7 24.2 36.4

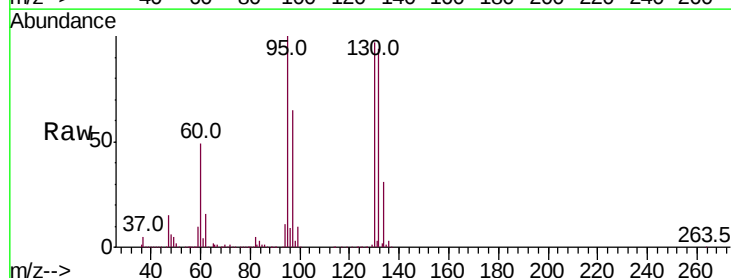


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

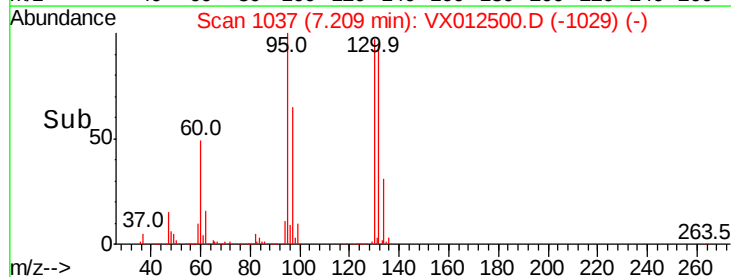
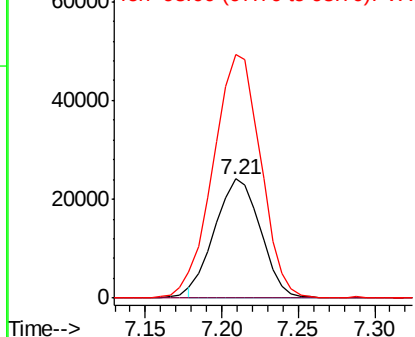


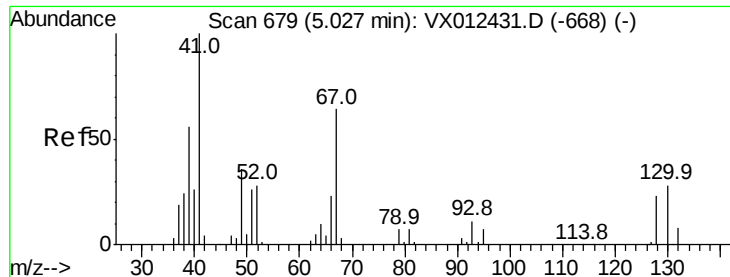
#39
Methylcyclohexane
Concen: 27.467 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.25 min
Lab File: VX012500.D
Acq: 19 Sep 2019 02:18

Tgt Ion: 83 Resp: 50001
Ion Ratio Lower Upper
83 100
55 0.9 64.4 96.6#
98 203.8 40.1 60.1#



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#41

Methacrylonitrile

Concen: 0.218 ug/l

RT: 5.01 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX012500.D

Acq: 19 Sep 2019 02:18

Instrument :

MSVOA_X

ClientSampleId :

RE132D6-20190911

Tot Ion: 41 Resp: 403

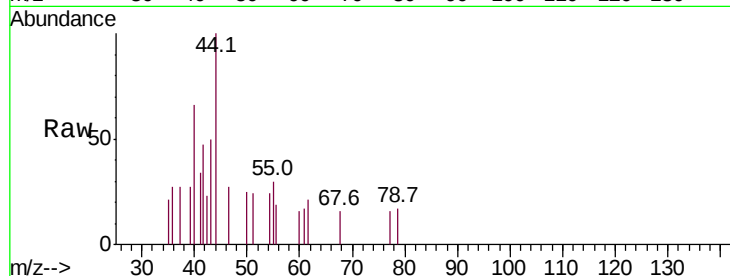
Ion Ratio Lower Upper

41 100

39 40.9 46.0 69.0#

67 4.7 52.2 78.2#

52 13.2 22.7 34.1#

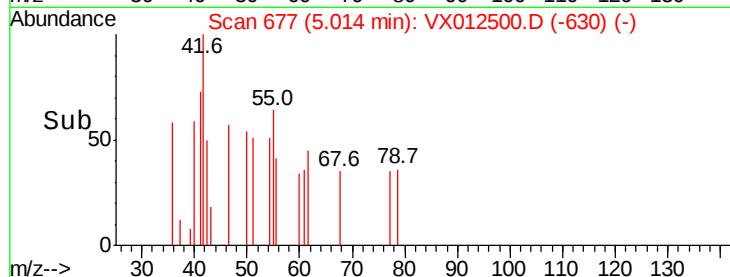
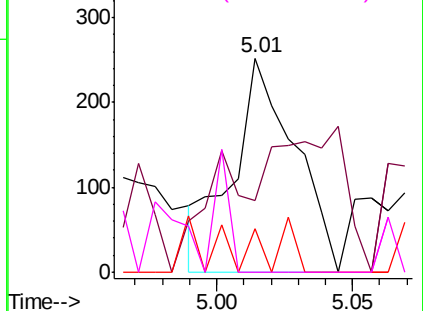


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 0.602 ug/l

RT: 6.20 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX012500.D

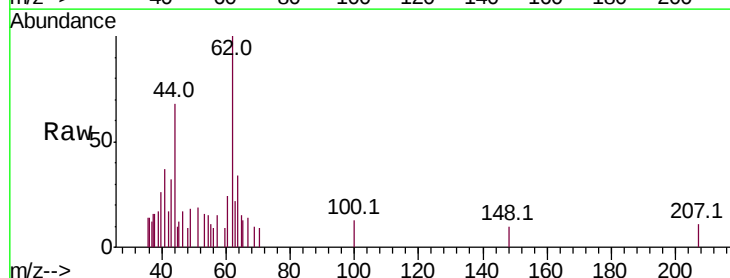
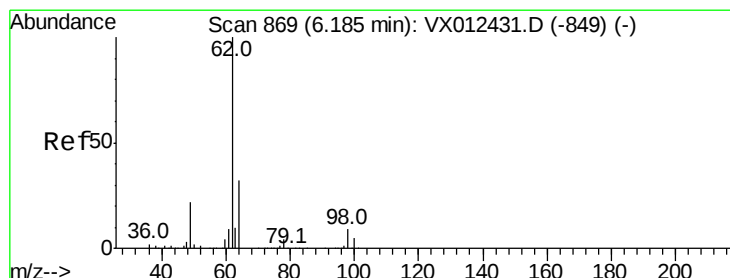
Acq: 19 Sep 2019 02:18

Tgt Ion: 62 Resp: 1663

Ion Ratio Lower Upper

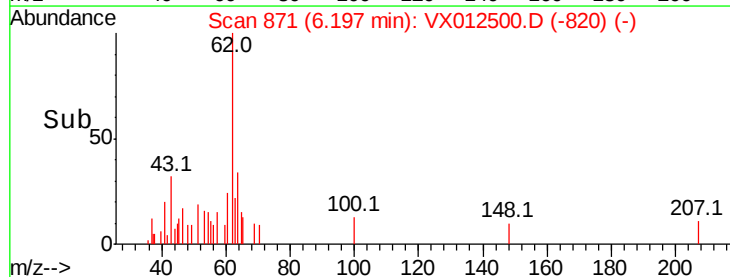
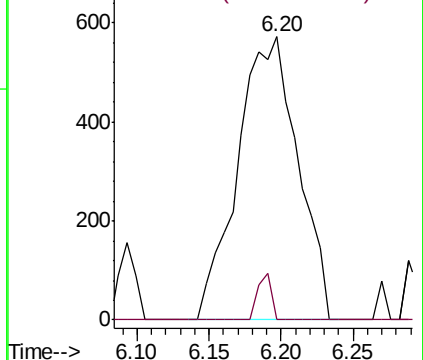
62 100

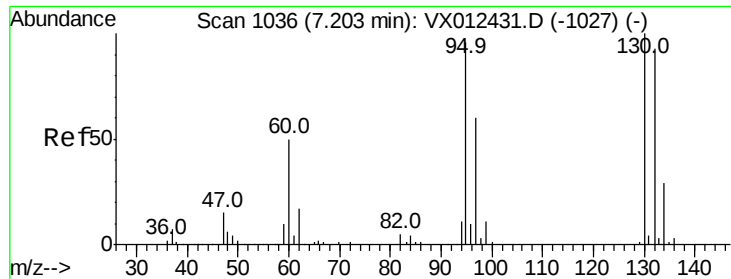
98 3.6 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#44

Trichloroethene

Concen: 2611.134 ug/l

RT: 7.21 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VX012500.D

Acq: 19 Sep 2019 02:18

Instrument :

MSVOA_X

ClientSampleId :

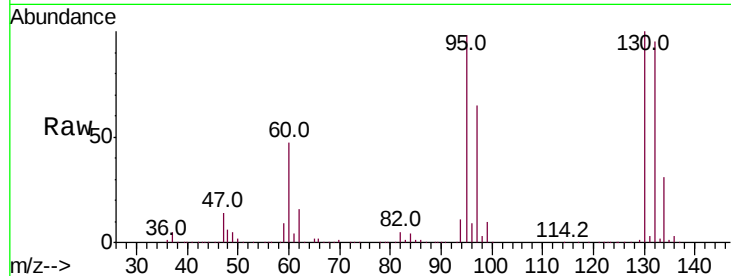
RE132D6-20190911

Tot Ion:130 Resp: 4090131

Ion Ratio Lower Upper

130 100

95 98.4 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

2000000

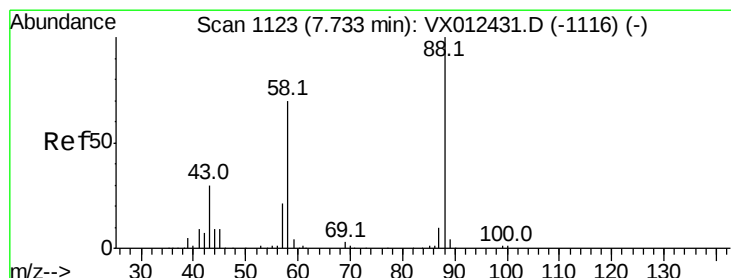
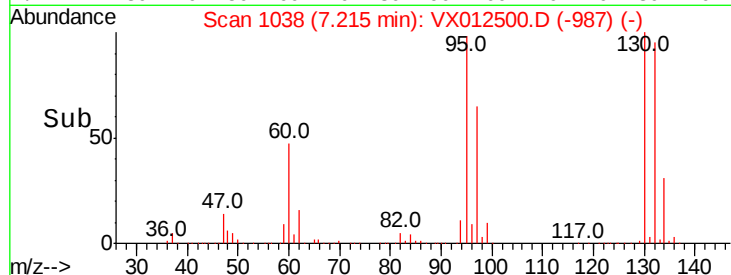
1500000

1000000

500000

0

Time--> 7.00 7.20 7.40



#49

1,4-Dioxane

Concen: 19.176 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.01 min

Lab File: VX012500.D

Acq: 19 Sep 2019 02:18

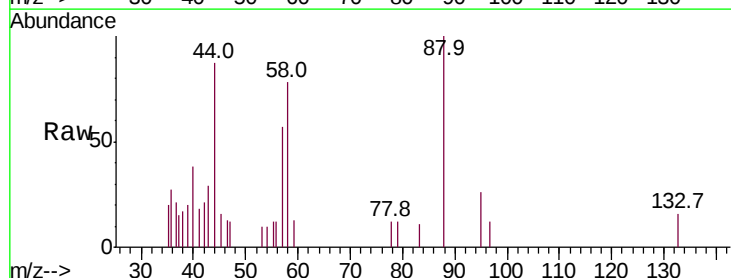
Tgt Ion: 88 Resp: 1135

Ion Ratio Lower Upper

88 100

43 0.0 29.4 44.0#

58 94.5 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

7.75

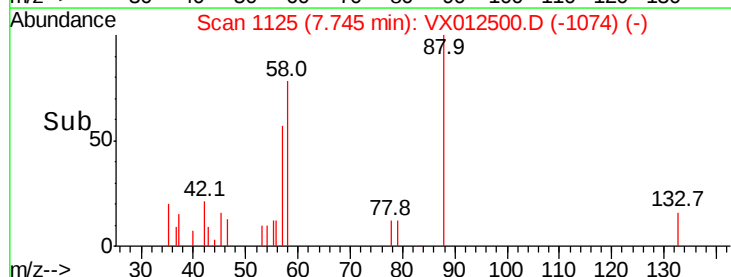
600

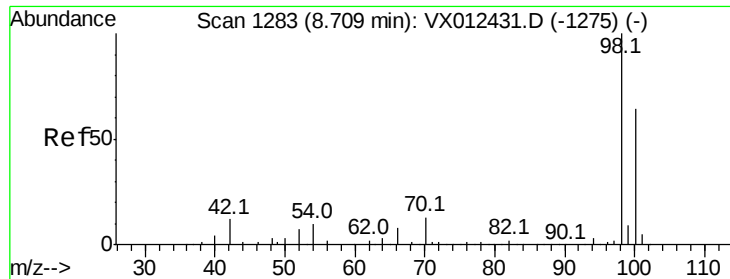
400

200

0

Time--> 7.65 7.70 7.75 7.80





#50

Toluene-d8

Concen: 51.666 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012500.D

Acq: 19 Sep 2019 02:18

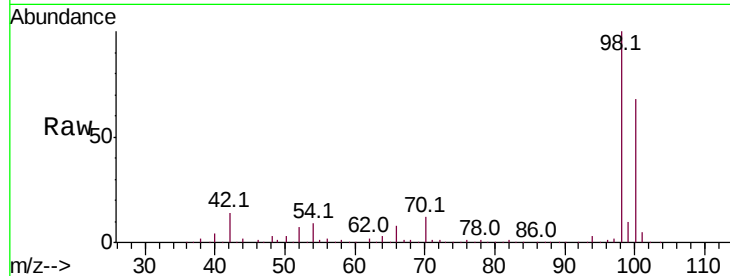
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20190911

Tot Ion: 98 Resp: 356644

Ion Ratio Lower Upper

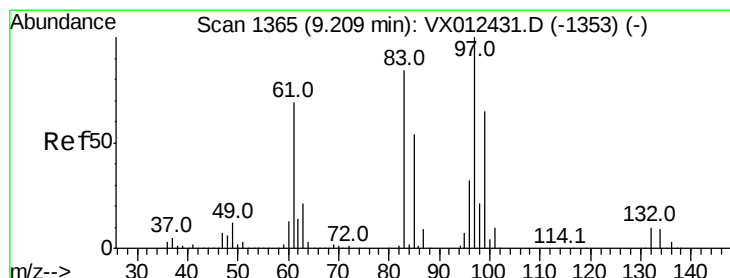
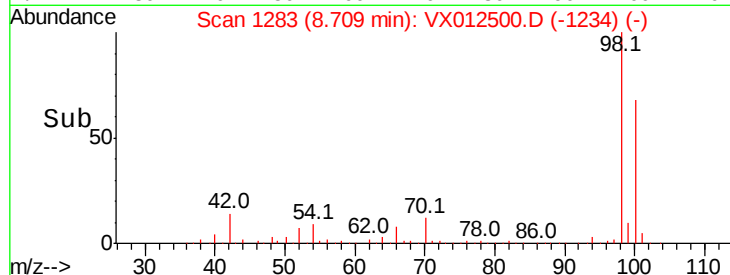
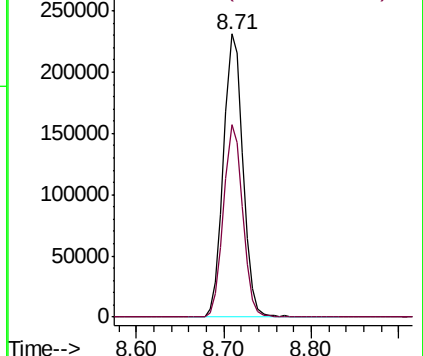
98 100

100 67.0 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#55

1,1,2-Trichloroethane

Concen: 1.560 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX012500.D

Acq: 19 Sep 2019 02:18

Tgt Ion: 97 Resp: 3083

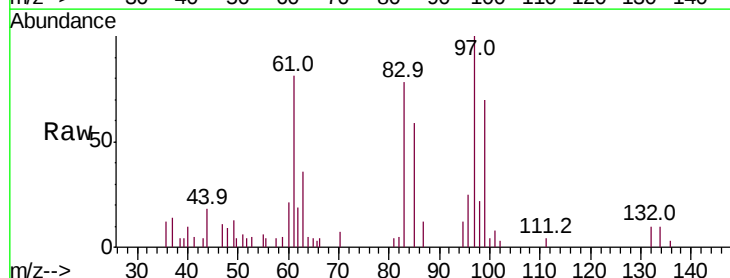
Ion Ratio Lower Upper

97 100

83 77.6 67.4 101.2

85 59.1 43.5 65.3

99 69.7 51.8 77.8

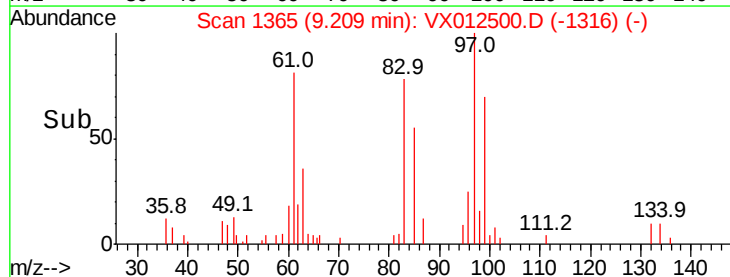
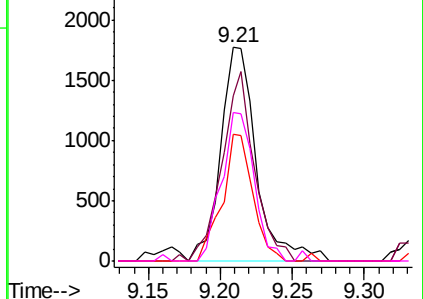


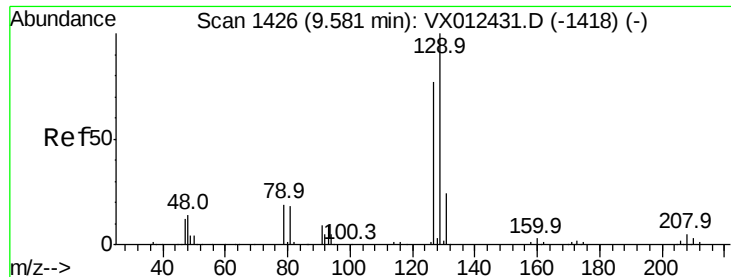
Abundance Ion 96.90 (96.60 to 97.60): VX0

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





#60

Dibromochloromethane

Concen: 4.073 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.25 min

Lab File: VX012500.D

Acq: 19 Sep 2019 02:18

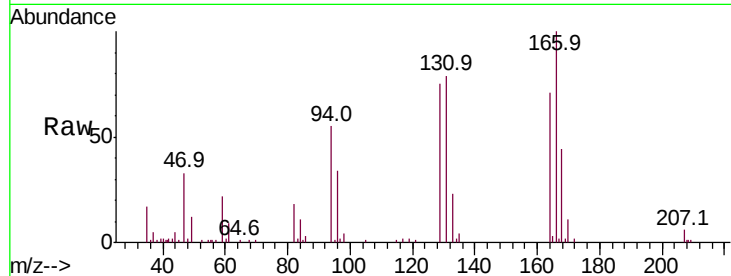
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20190911

Tot Ion:129 Resp: 8202

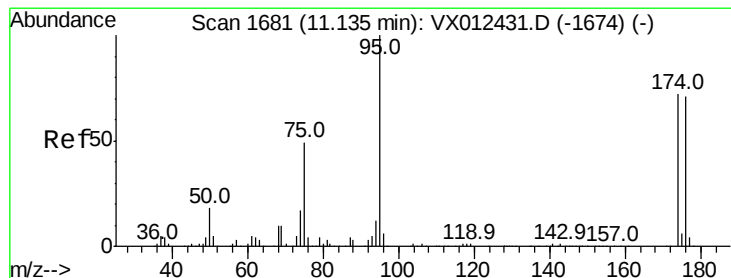
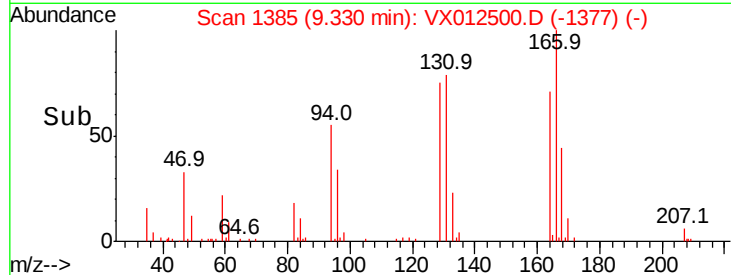
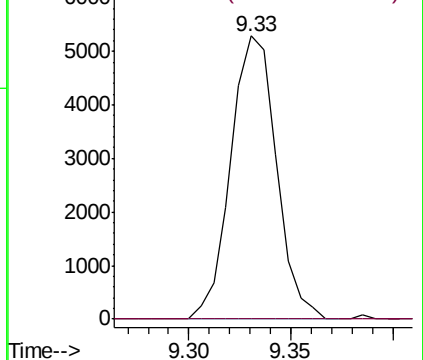
Ion Ratio Lower Upper

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



#62

4-Bromofluorobenzene

Concen: 44.264 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012500.D

Acq: 19 Sep 2019 02:18

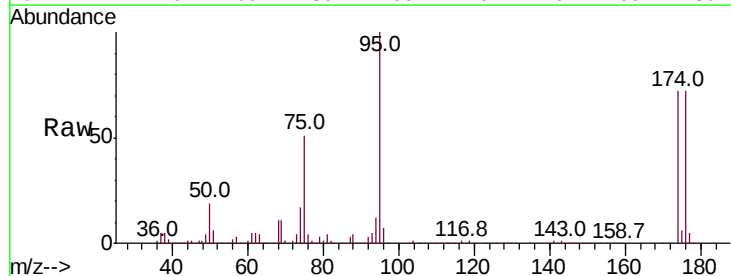
Tgt Ion: 95 Resp: 126865

Ion Ratio Lower Upper

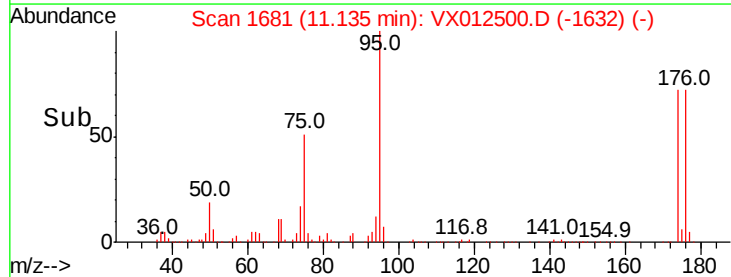
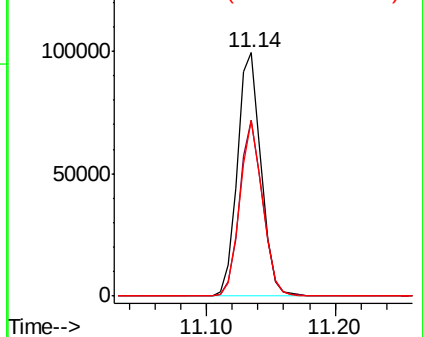
95 100

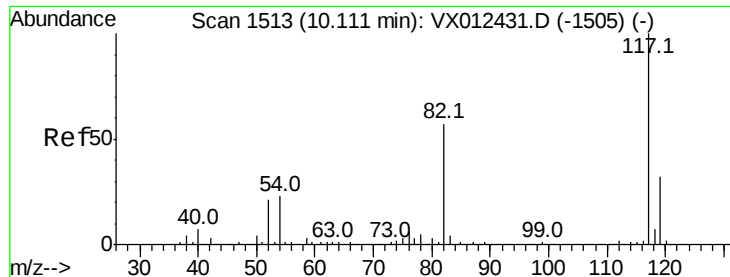
174 70.0 0.0 140.0

176 69.3 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

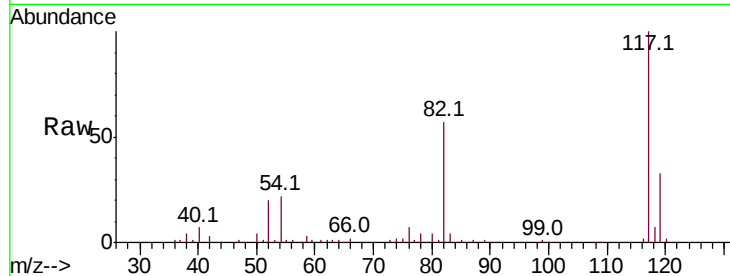




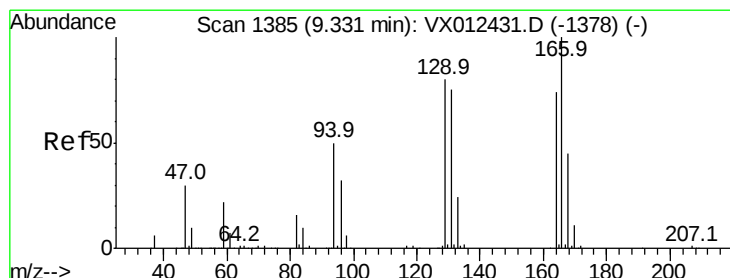
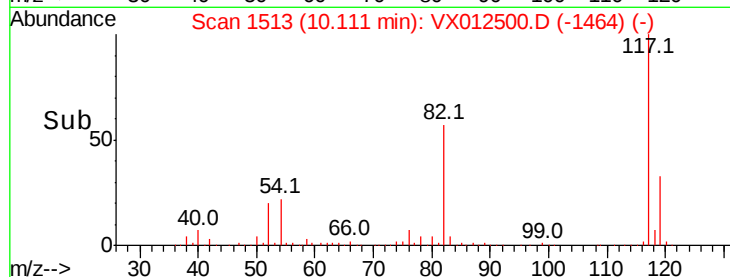
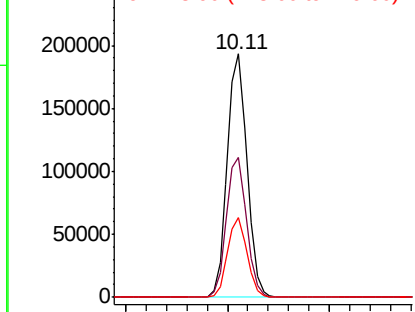
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012500.D
Acq: 19 Sep 2019 02:18

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20190911

Tot Ion:117 Resp: 259944
Ion Ratio Lower Upper
117 100
82 57.4 45.9 68.9
119 32.9 25.3 37.9

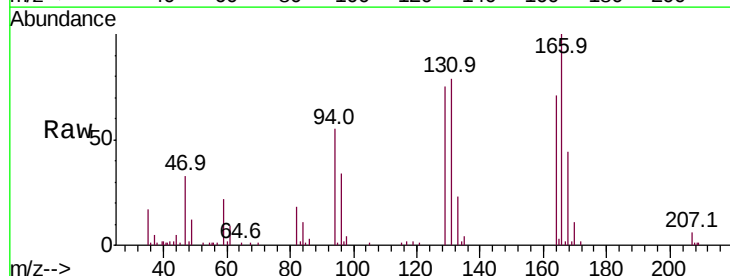


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

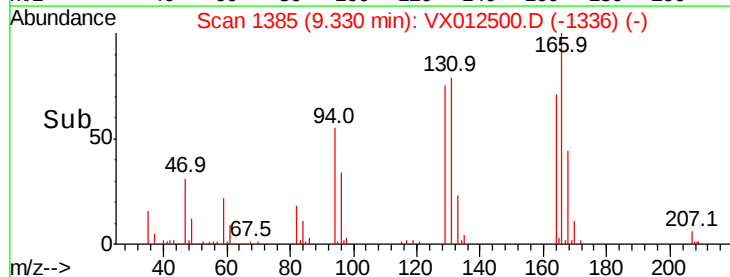
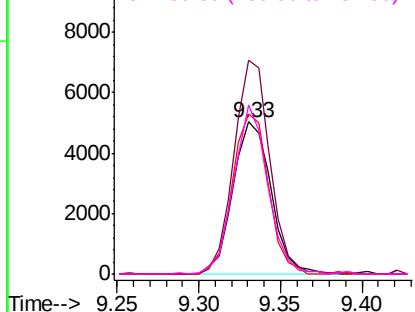


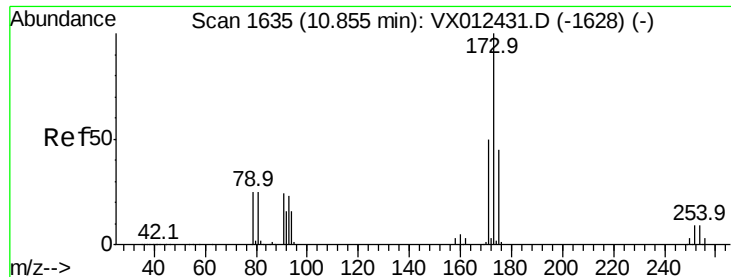
#64
Tetrachloroethene
Concen: 6.877 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012500.D
Acq: 19 Sep 2019 02:18

Tgt Ion:164 Resp: 8192
Ion Ratio Lower Upper
164 100
166 140.4 107.8 161.6
129 104.9 86.2 129.2
131 110.7 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





#71

Bromoform

Concen: 2.889 ug/l

RT: 11.12 min Scan# 1678

Delta R.T. 0.26 min

Lab File: VX012500.D

Acq: 19 Sep 2019 02:18

Instrument :

MSVOA_X

ClientSampleId :

RE132D6-20190911

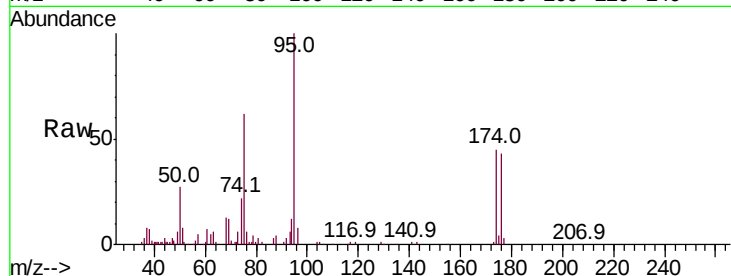
Tot Ion:173 Resp: 31

Ion Ratio Lower Upper

173 100

175 0.0 23.7 71.1#

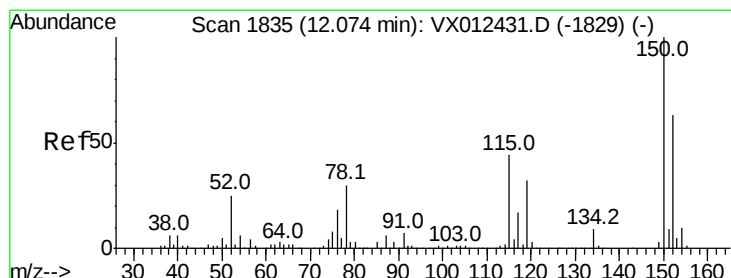
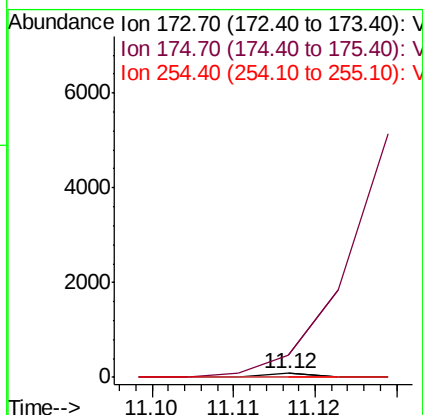
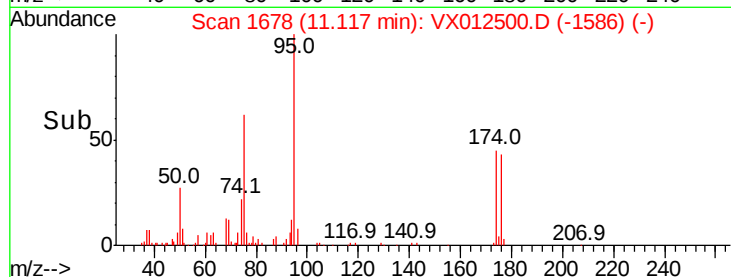
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012500.D

Acq: 19 Sep 2019 02:18

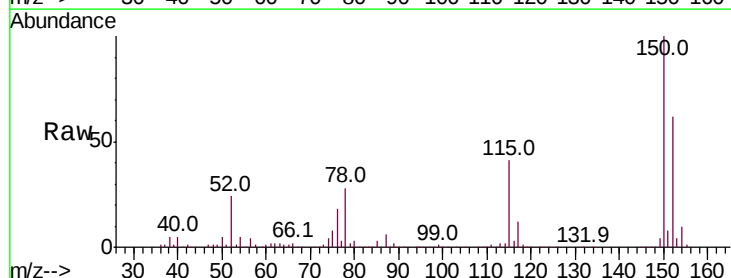
Tgt Ion:152 Resp: 101818

Ion Ratio Lower Upper

152 100

115 63.7 44.1 132.3

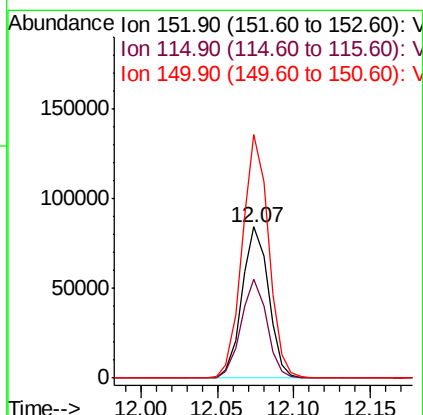
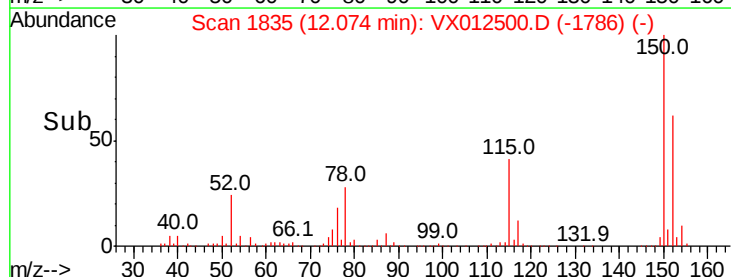
150 160.1 0.0 343.8

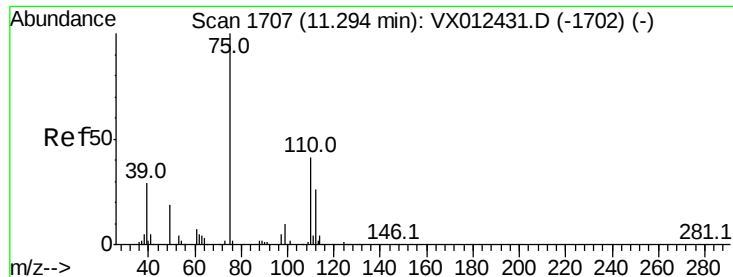


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 28.373 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012500.D

Acq: 19 Sep 2019 02:18

Instrument :

MSVOA_X

ClientSampleId :

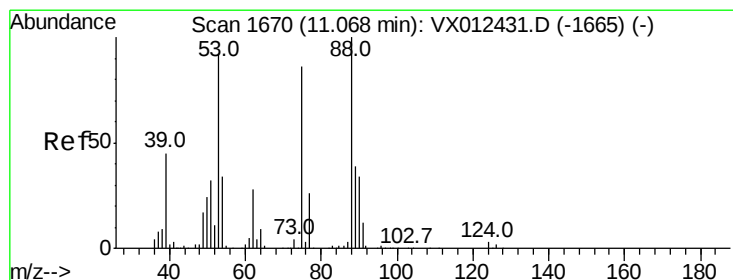
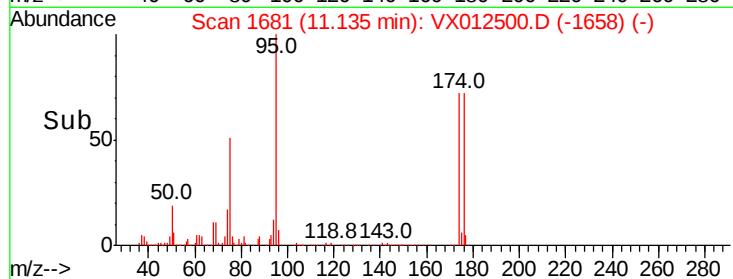
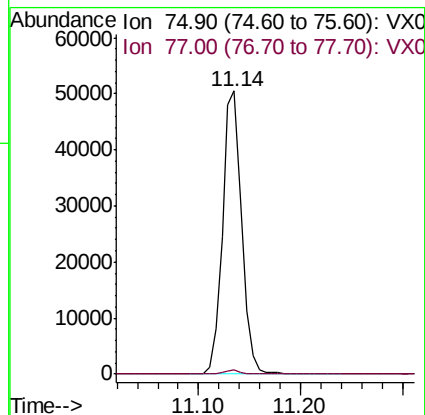
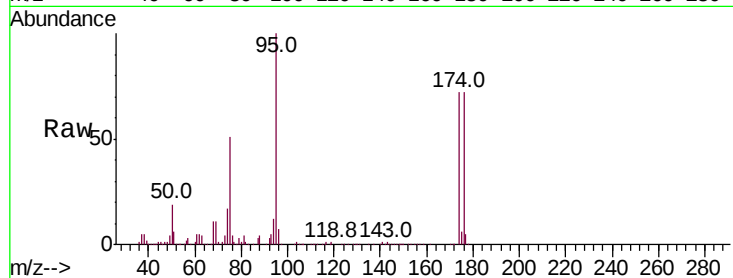
RE132D6-20190911

Tot Ion: 75 Resp: 66361

Ion Ratio Lower Upper

75 100

77 1.2 19.7 59.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 76.168 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012500.D

Acq: 19 Sep 2019 02:18

Tgt Ion: 75 Resp: 66361

Ion Ratio Lower Upper

75 100

53 0.3 83.6 125.4#

89 0.0 36.3 54.5#

