

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX092419\
 Data File : VX012632.D
 Acq On : 24 Sep 2019 14:57
 Operator : JC/SP
 Sample : K5013-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0530

Quant Time: Sep 25 04:36:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	164859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	281878	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	233935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	85444	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	121777	50.73	ug/l	0.00
Spiked Amount						
35) Dibromofluoromethane	5.49	113	85810	51.12	ug/l	0.00
Spiked Amount						
50) Toluene-d8	8.71	98	334398	51.73	ug/l	0.00
Spiked Amount						
62) 4-Bromofluorobenzene	11.14	95	109407	43.04	ug/l	0.00
Spiked Amount						

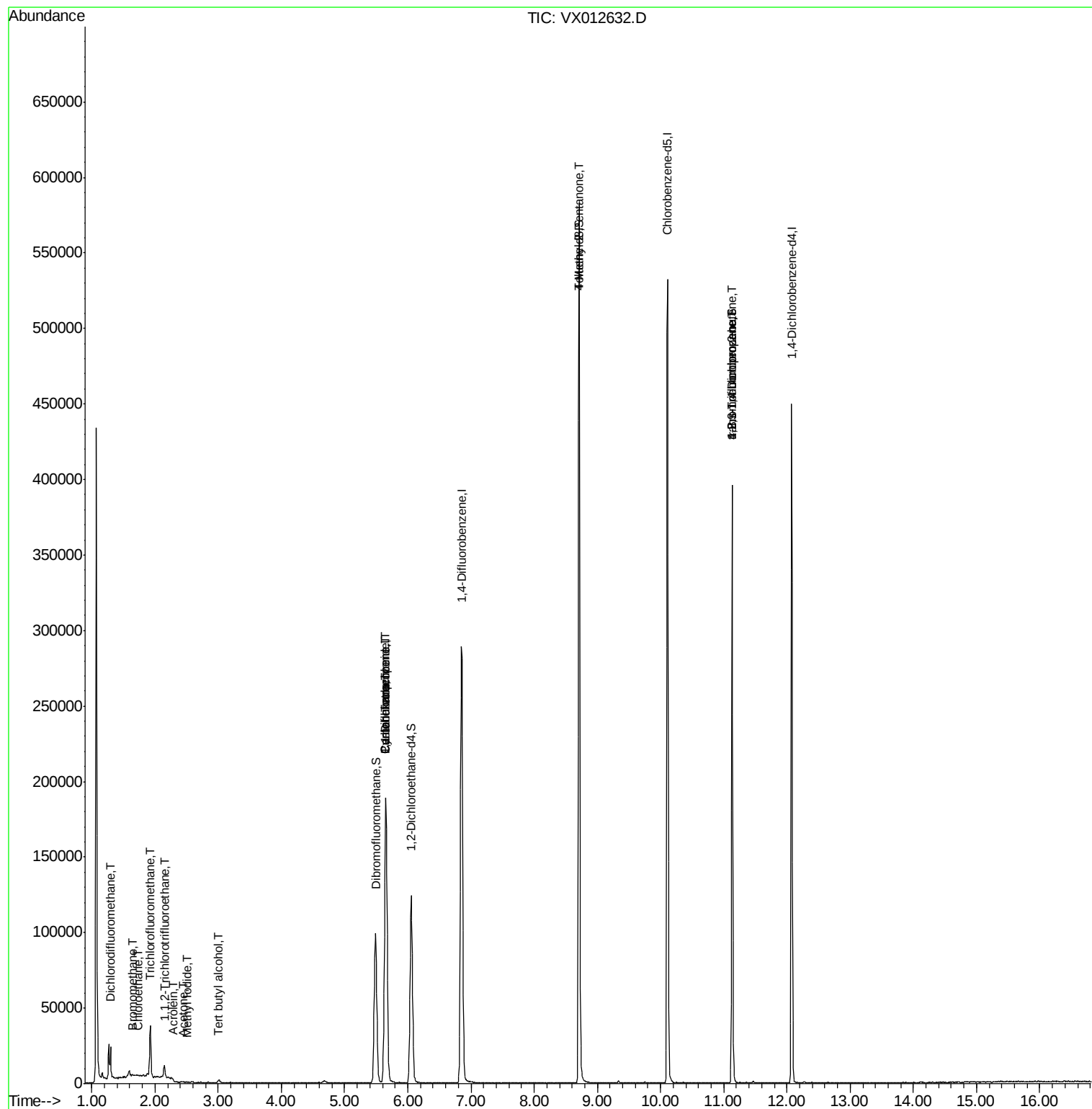
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.30	85	1451	0.782	ug/l	97
5) Bromomethane	1.65	94	470	0.565	ug/l	90
6) Chloroethane	1.73	64	384	0.269	ug/l #	45
7) Trichlorofluoromethane	1.92	101	20208	6.799	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.15	101	522	0.288	ug/l #	18
10) Methyl Iodide	2.52	142	322	5.105	ug/l #	65
11) Tert butyl alcohol	3.01	59	1416	2.361	ug/l #	72
13) Acrolein	2.29	56	286	11.054	ug/l #	15
16) Acetone	2.44	43	453	0.356	ug/l	94
31) Cyclohexane	5.65	56	4209	1.260	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	14490	5.333	ug/l #	51
38) Carbon Tetrachloride	5.65	117	18518	6.709	ug/l #	16
51) 4-Methyl-2-Pentanone	8.71	43	1549	0.472	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	57420	25.405	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	57420	72.804	ug/l #	8

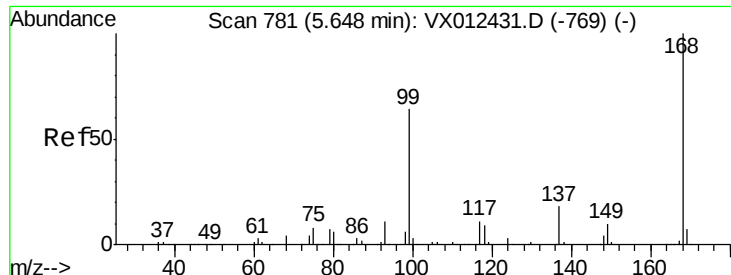
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX092419\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
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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: VX012632.D

Acq: 24 Sep 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

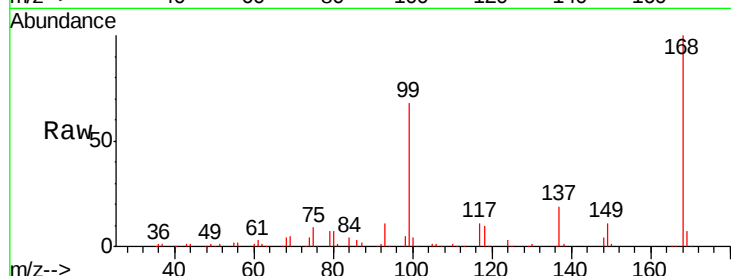
S49-0530

Tgt Ion:168 Resp: 164859

Ion Ratio Lower Upper

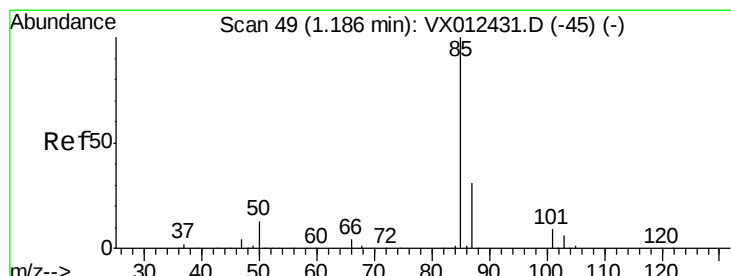
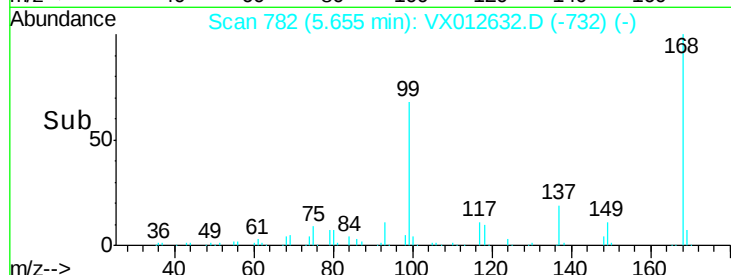
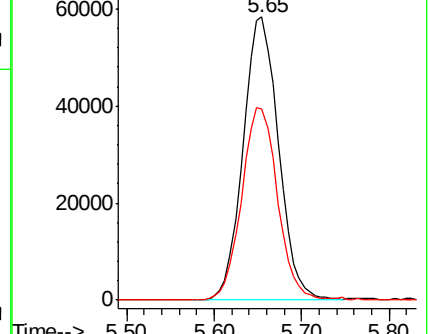
168 100

99 67.7 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.782 ug/l

RT: 1.30 min Scan# 67

Delta R.T. 0.11 min

Lab File: VX012632.D

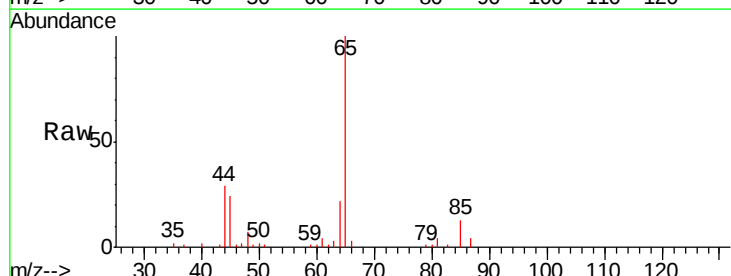
Acq: 24 Sep 2019 14:57

Tgt Ion: 85 Resp: 1451

Ion Ratio Lower Upper

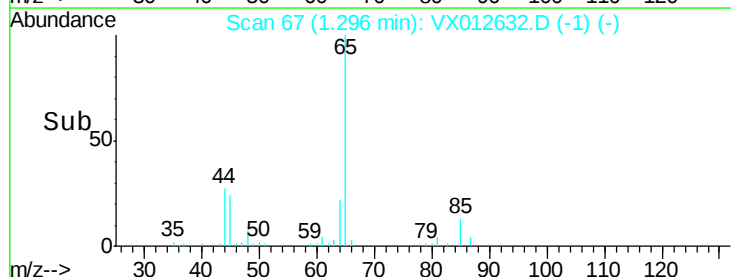
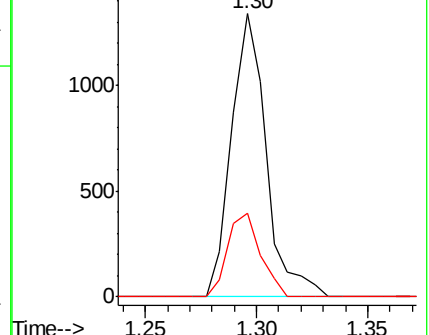
85 100

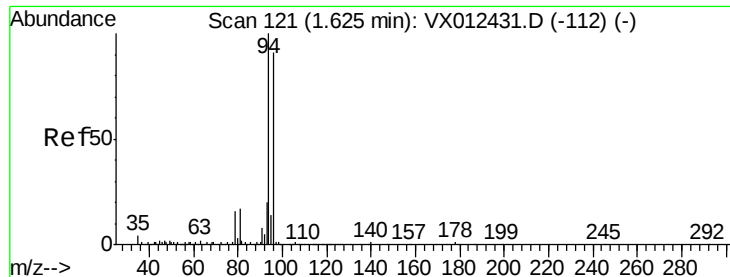
87 29.4 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#5

Bromomethane

Concen: 0.565 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.02 min

Lab File: VX012632.D

Acq: 24 Sep 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

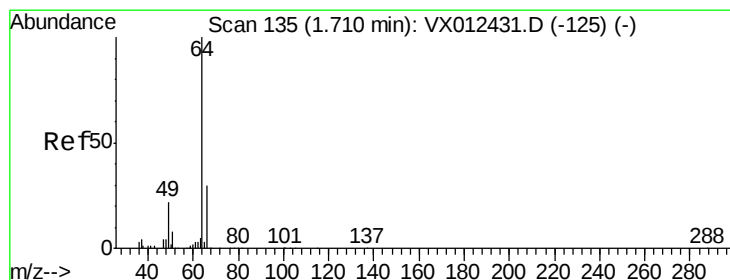
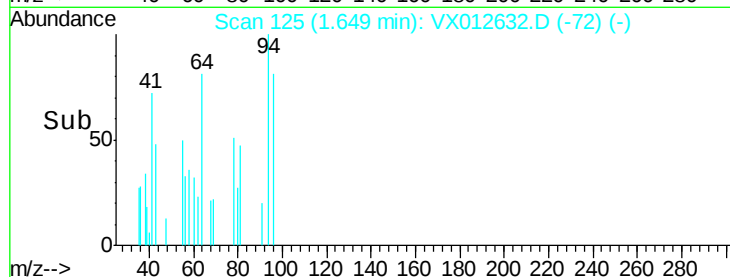
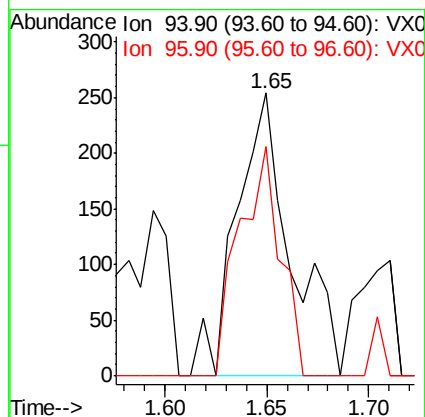
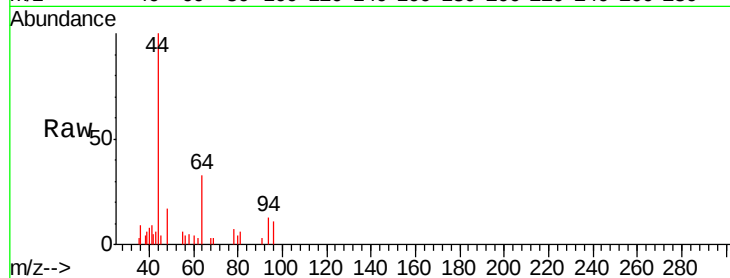
S49-0530

Tgt Ion: 94 Resp: 470

Ion Ratio Lower Upper

94 100

96 81.1 72.8 109.2



#6

Chloroethane

Concen: 0.269 ug/l

RT: 1.73 min Scan# 138

Delta R.T. 0.02 min

Lab File: VX012632.D

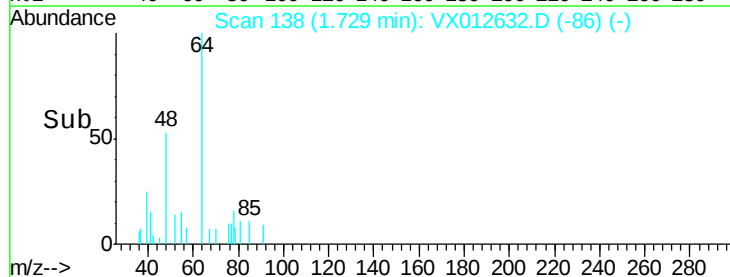
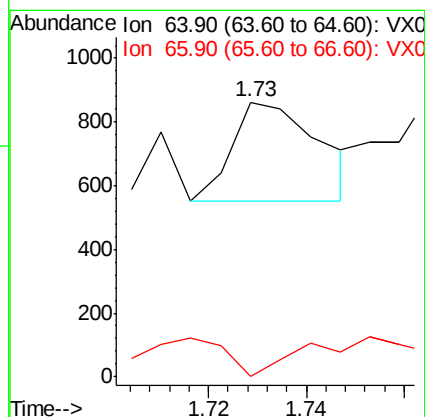
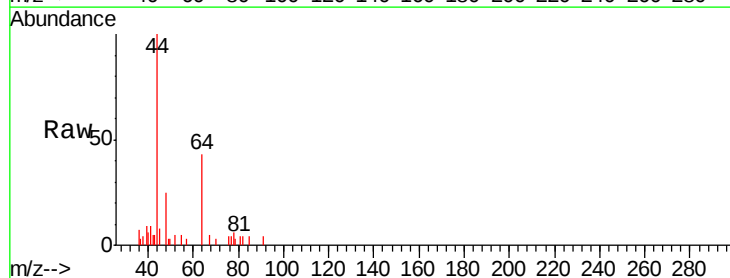
Acq: 24 Sep 2019 14:57

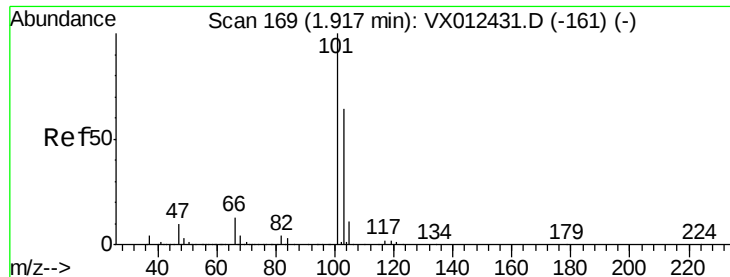
Tgt Ion: 64 Resp: 384

Ion Ratio Lower Upper

64 100

66 0.0 24.0 36.0#



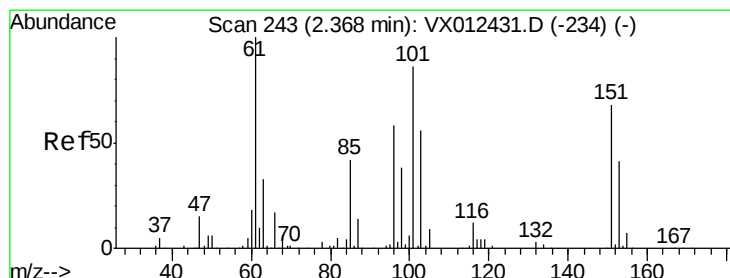
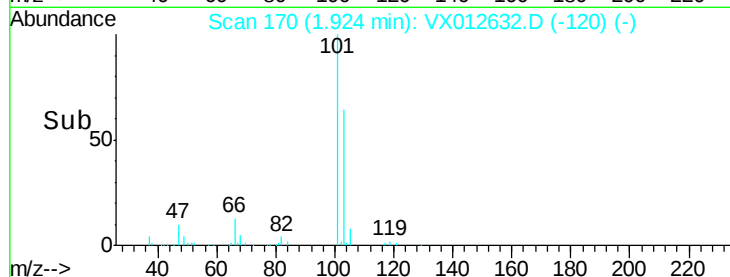
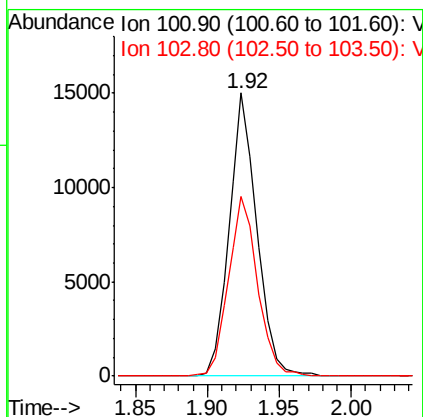
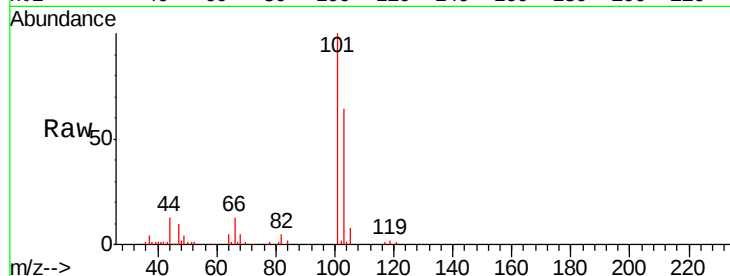


#7

Trichlorofluoromethane
 Concen: 6.799 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX012632.D
 Acq: 24 Sep 2019 14:57

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0530

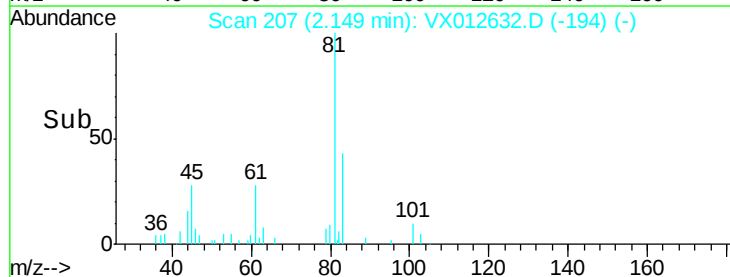
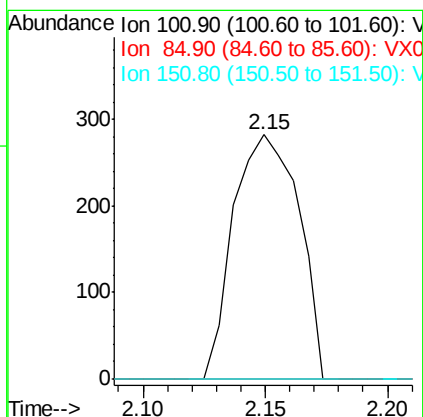
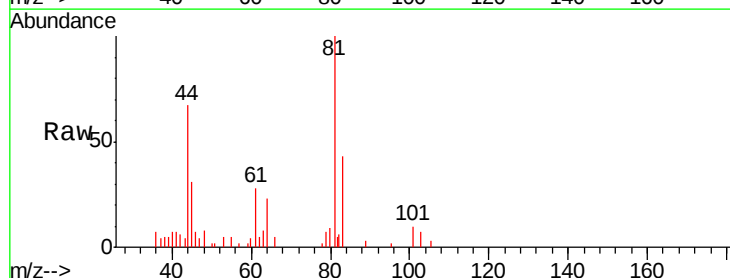
Tgt Ion:101 Resp: 20208
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.0 76.4

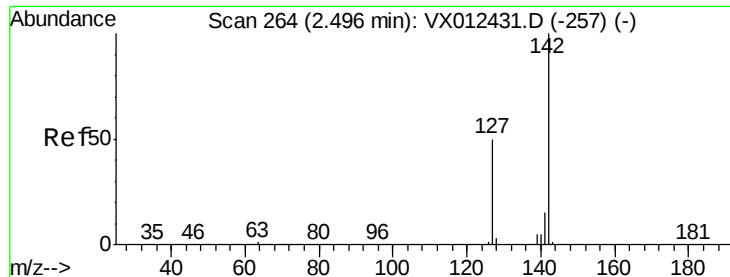


#9

1,1,2-Trichlorotrifluoroethane
 Concen: 0.288 ug/l
 RT: 2.15 min Scan# 207
 Delta R.T. -0.22 min
 Lab File: VX012632.D
 Acq: 24 Sep 2019 14:57

Tgt Ion:101 Resp: 522
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.3 55.9#
 151 0.0 61.0 91.4#

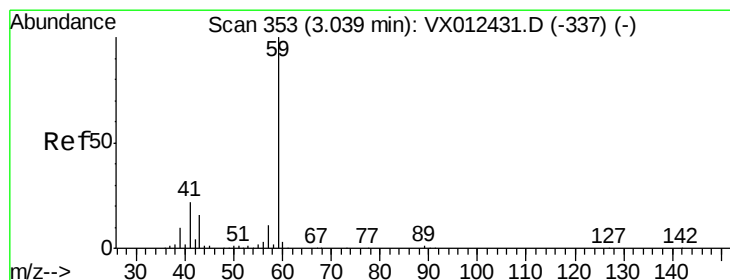
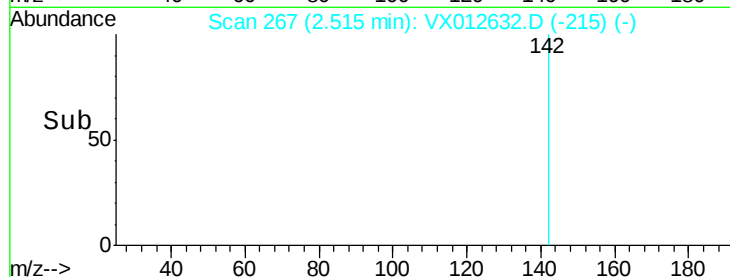
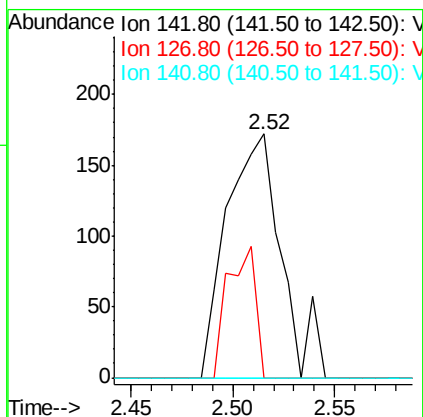
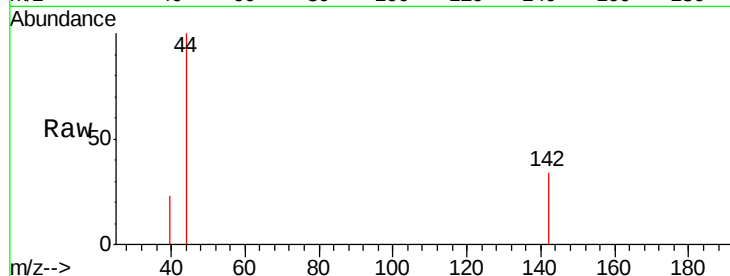




#10
Methyl Iodide
Concen: 5.105 ug/l
RT: 2.52 min Scan# 267
Delta R.T. 0.02 min
Lab File: VX012632.D
Acq: 24 Sep 2019 14:57

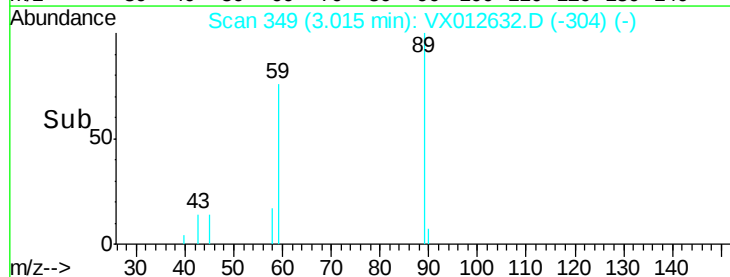
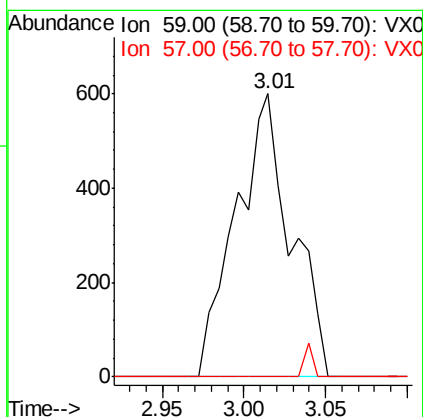
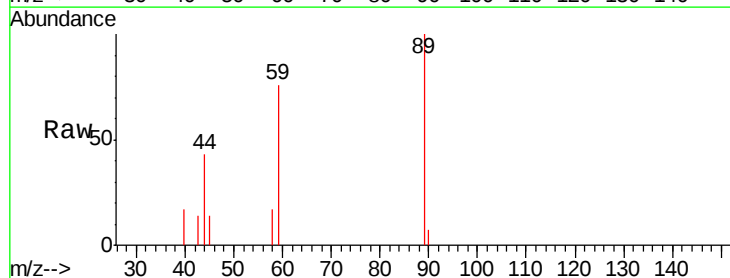
Instrument :
MSVOA_X
ClientSampleId :
S49-0530

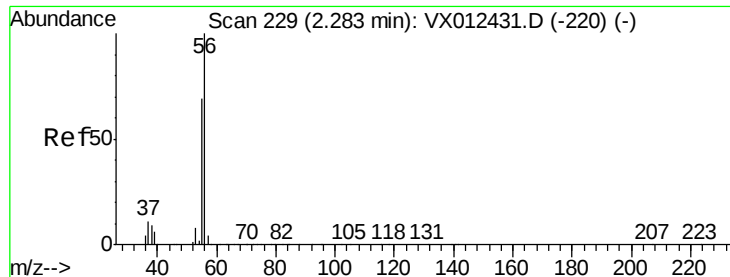
Tgt Ion: 142 Resp: 322
Ion Ratio Lower Upper
142 100
127 27.0 40.8 61.2#
141 0.0 12.1 18.1#



#11
Tert butyl alcohol
Concen: 2.361 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.02 min
Lab File: VX012632.D
Acq: 24 Sep 2019 14:57

Tgt Ion: 59 Resp: 1416
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#13

Acrolein

Concen: 11.054 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX012632.D

Acq: 24 Sep 2019 14:57

Instrument :

MSVOA_X

ClientSampled :

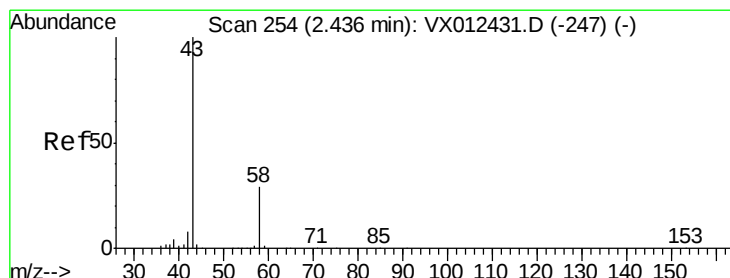
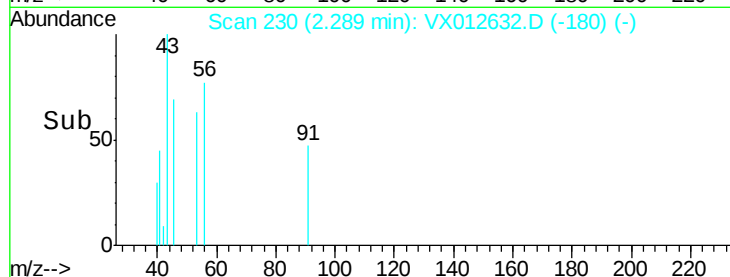
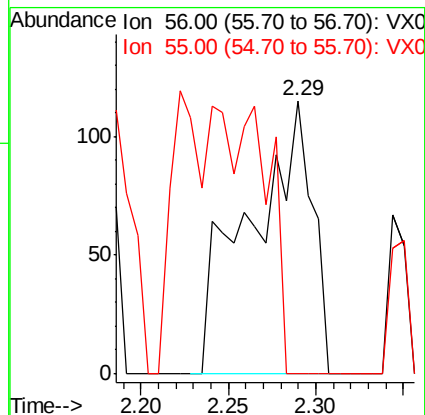
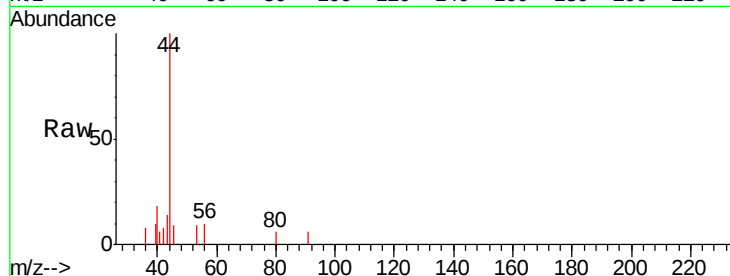
S49-0530

Tgt Ion: 56 Resp: 286

Ion Ratio Lower Upper

56 100

55 0.0 55.8 83.8#



#16

Acetone

Concen: 0.356 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012632.D

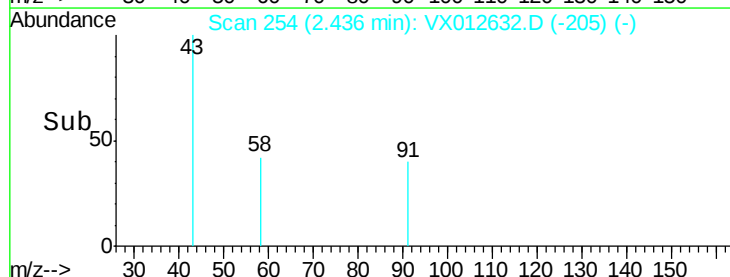
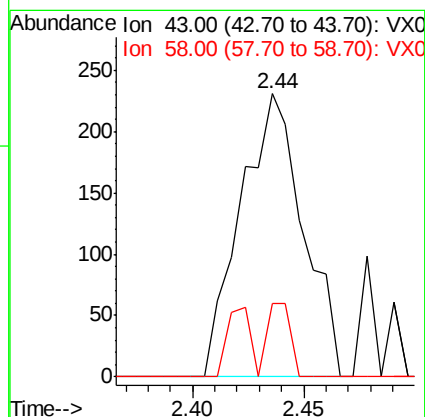
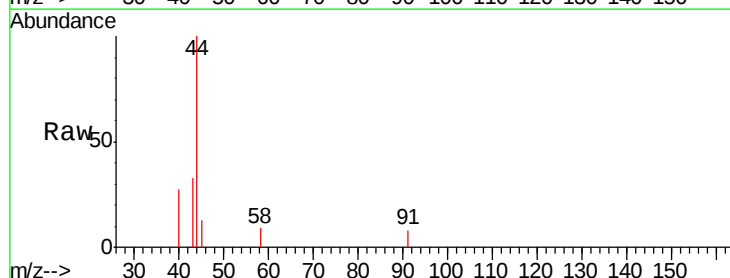
Acq: 24 Sep 2019 14:57

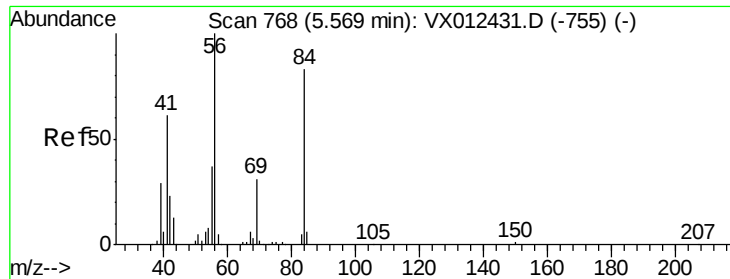
Tgt Ion: 43 Resp: 453

Ion Ratio Lower Upper

43 100

58 26.0 23.3 34.9

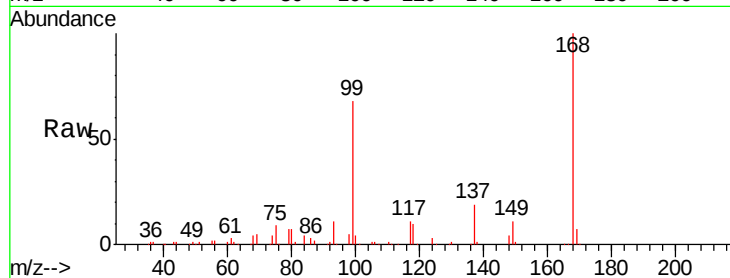




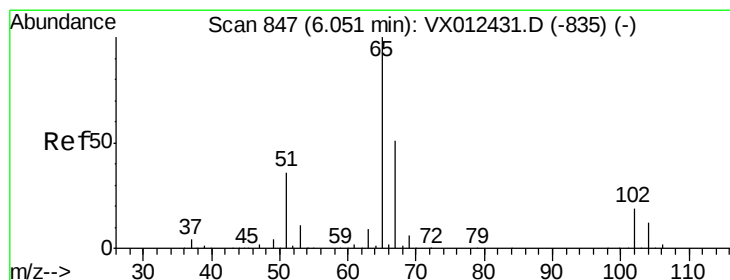
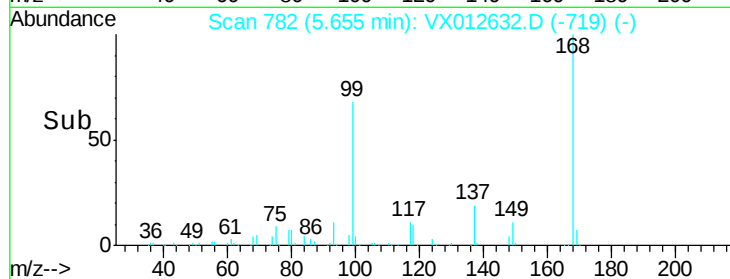
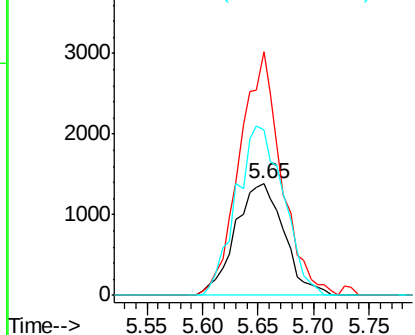
#31
Cyclohexane
Concen: 1.260 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.09 min
Lab File: VX012632.D
Acq: 24 Sep 2019 14:57

Instrument :
MSVOA_X
ClientSampleId :
S49-0530

Tgt Ion: 56 Resp: 4209
Ion Ratio Lower Upper
56 100
69 219.0 25.0 37.6#
84 149.1 66.4 99.6#

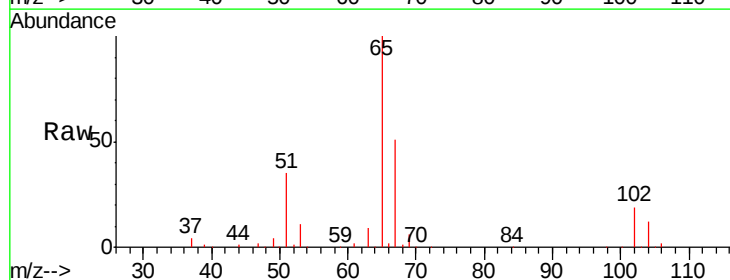


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

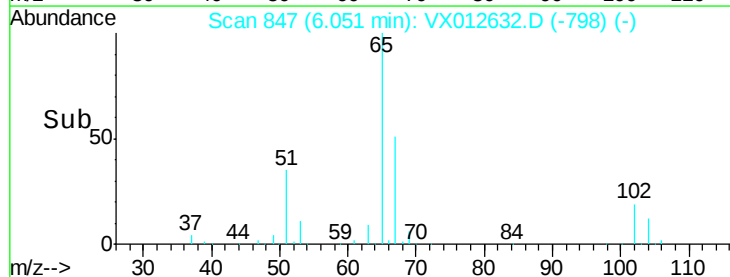
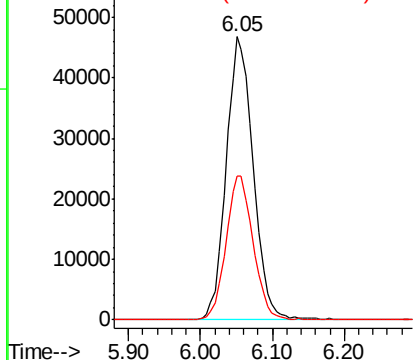


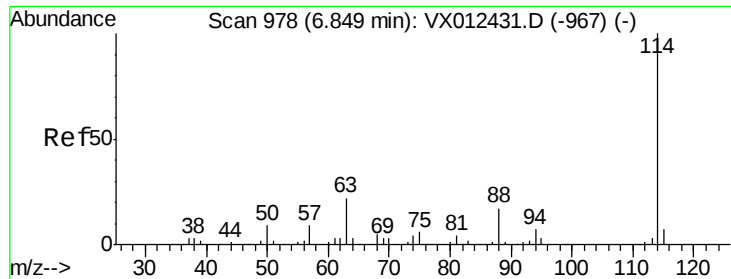
#33
1,2-Dichloroethane-d4
Concen: 50.726 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012632.D
Acq: 24 Sep 2019 14:57

Tgt Ion: 65 Resp: 121777
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

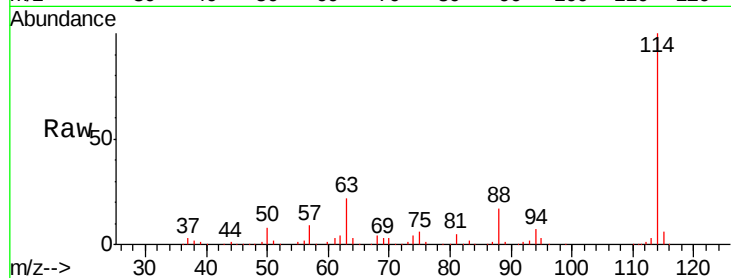




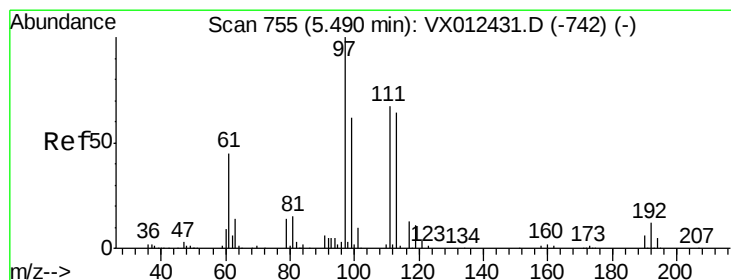
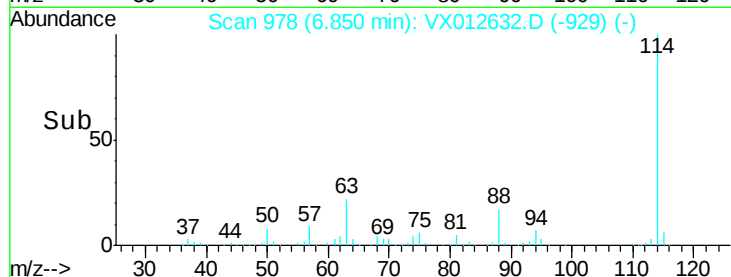
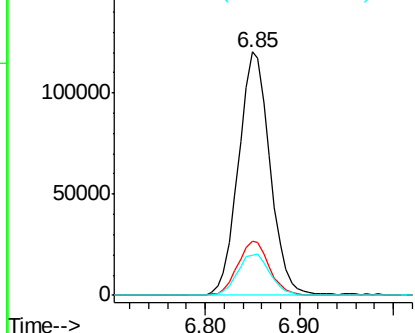
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012632.D
 Acq: 24 Sep 2019 14:57

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0530

Tgt Ion:114 Resp: 281878
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.2
 88 16.6 0.0 33.2

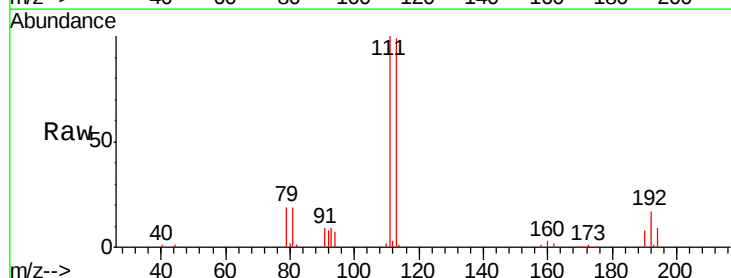


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

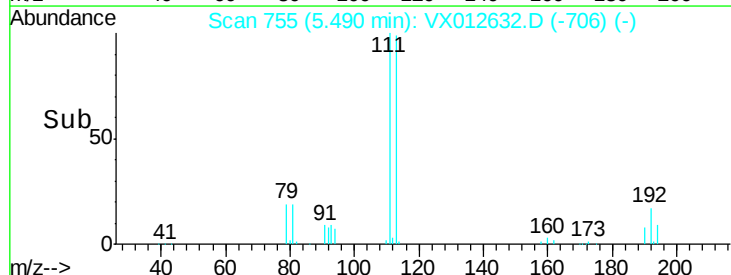
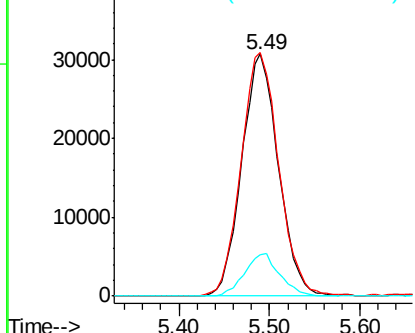


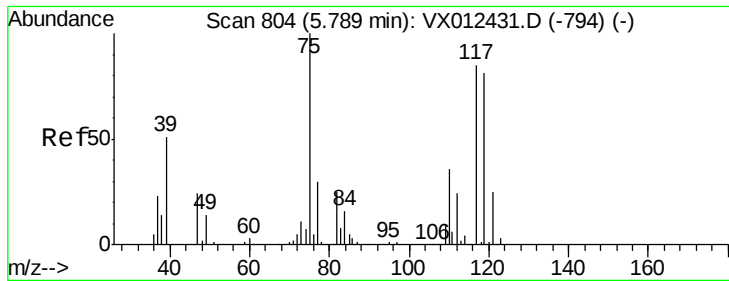
#35
 Dibromofluoromethane
 Concen: 51.117 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012632.D
 Acq: 24 Sep 2019 14:57

Tgt Ion:113 Resp: 85810
 Ion Ratio Lower Upper
 113 100
 111 103.9 83.4 125.2
 192 16.9 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: 5.333 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX012632.D

Acq: 24 Sep 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

S49-0530

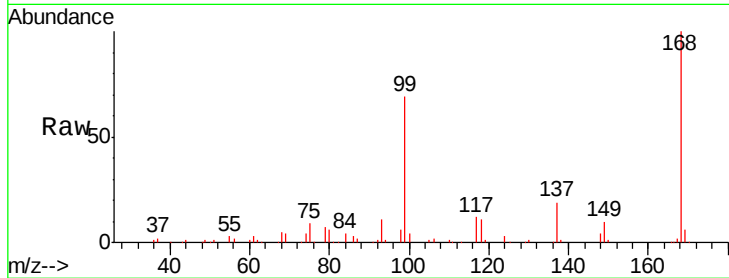
Tgt Ion: 75 Resp: 14490

Ion Ratio Lower Upper

75 100

110 9.2 16.7 50.0#

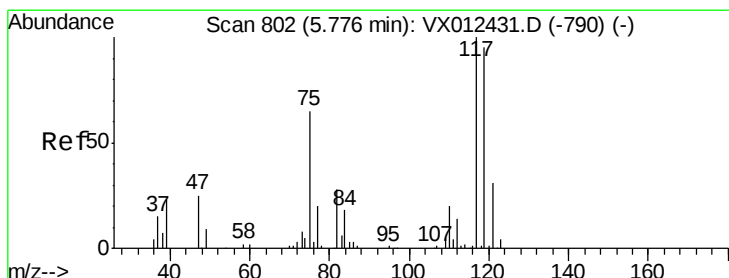
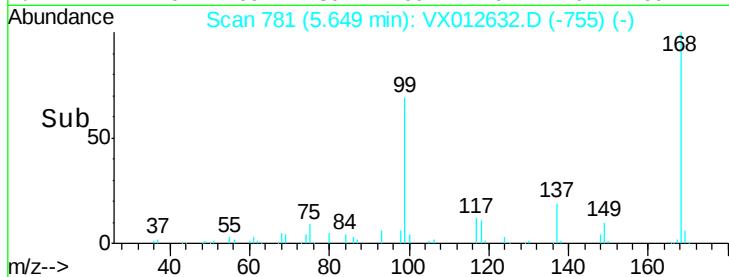
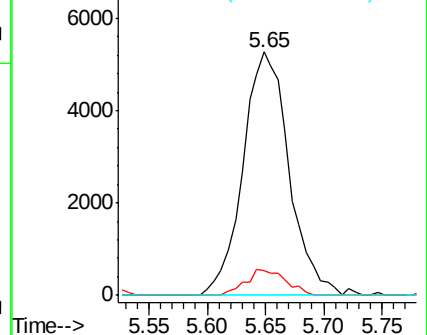
77 0.0 24.2 36.2#



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: 6.709 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX012632.D

Acq: 24 Sep 2019 14:57

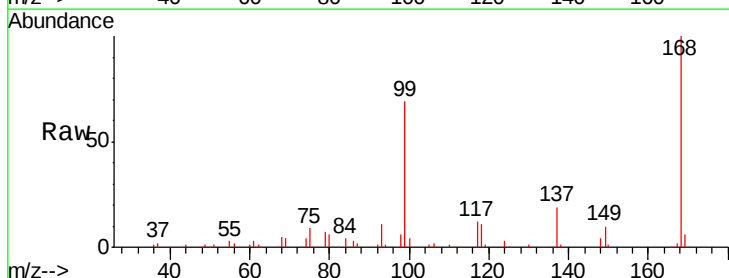
Tgt Ion: 117 Resp: 18518

Ion Ratio Lower Upper

117 100

119 4.9 75.7 113.5#

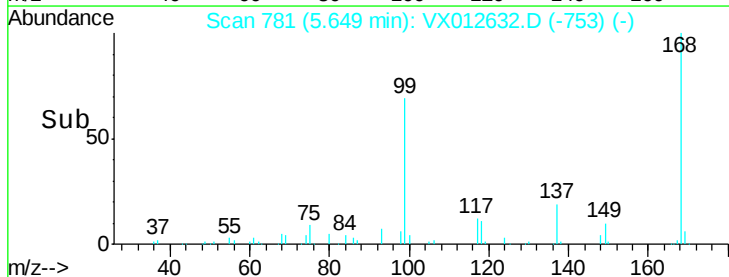
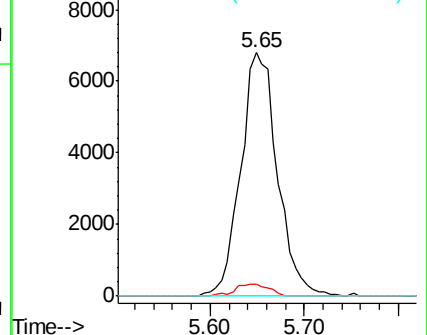
121 0.0 24.2 36.4#

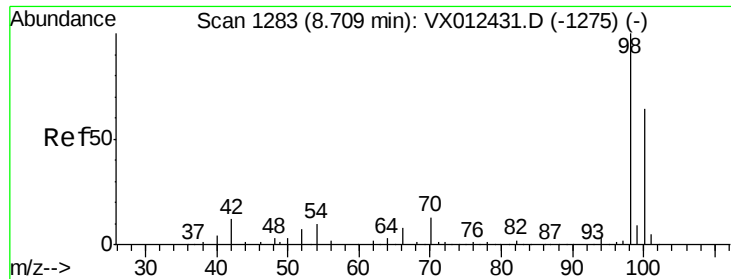


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

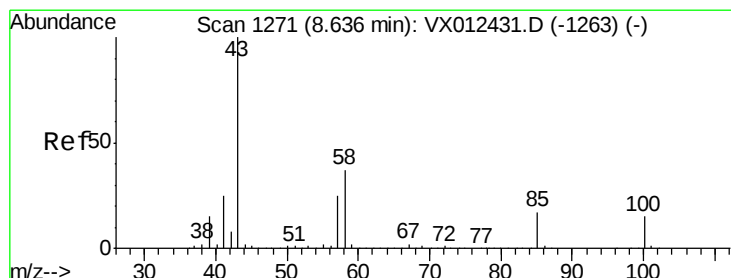
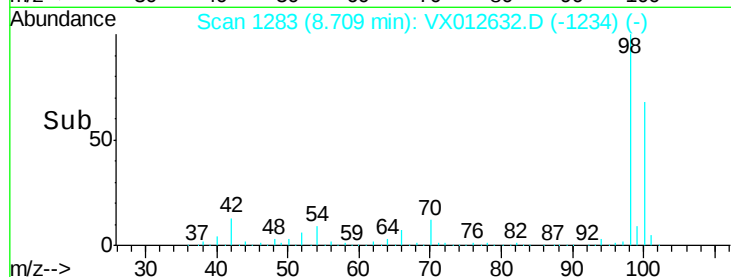
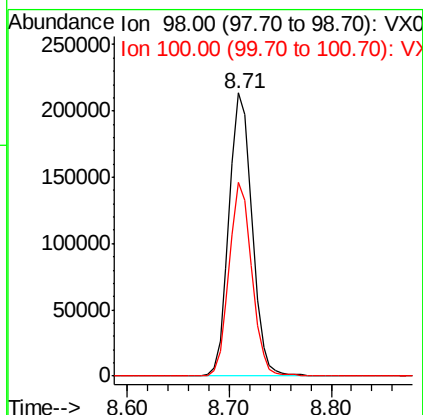
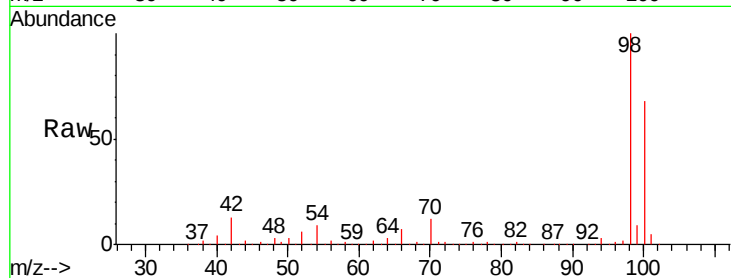




#50
Toluene-d8
Concen: 51.726 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012632.D
Acq: 24 Sep 2019 14:57

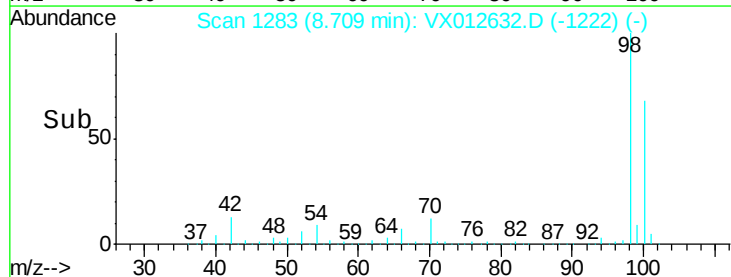
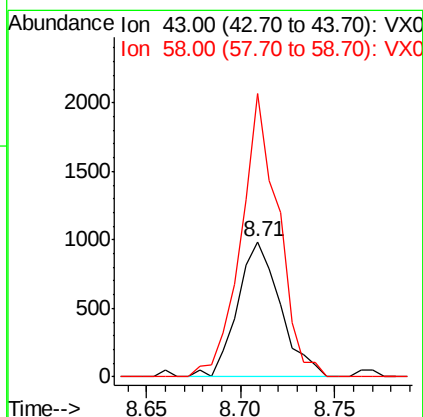
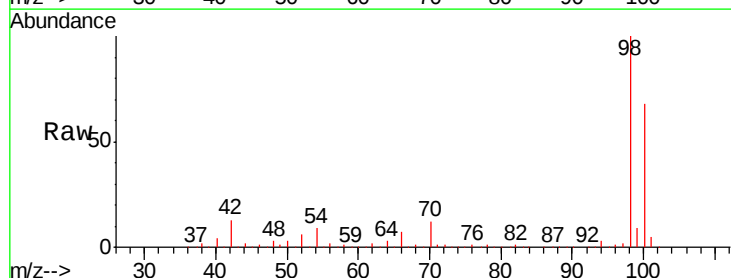
Instrument :
MSVOA_X
ClientSampleId :
S49-0530

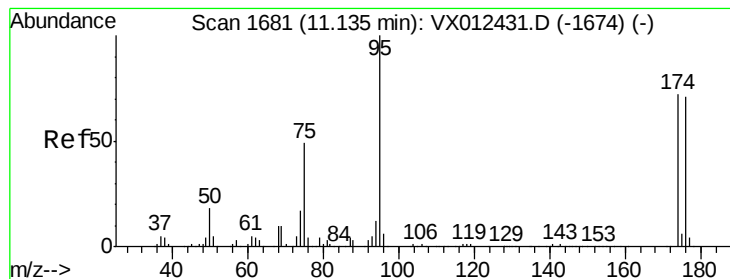
Tgt Ion: 98 Resp: 334398
Ion Ratio Lower Upper
98 100
100 67.4 53.4 80.2



#51
4-Methyl-2-Pentanone
Concen: 0.472 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.07 min
Lab File: VX012632.D
Acq: 24 Sep 2019 14:57

Tgt Ion: 43 Resp: 1549
Ion Ratio Lower Upper
43 100
58 183.0 29.8 44.6#





#62

4-Bromofluorobenzene

Concen: 43.040 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012632.D

Acq: 24 Sep 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

S49-0530

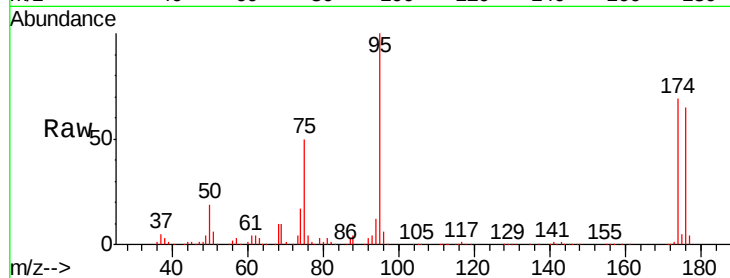
Tgt Ion: 95 Resp: 109407

Ion Ratio Lower Upper

95 100

174 66.9 0.0 140.0

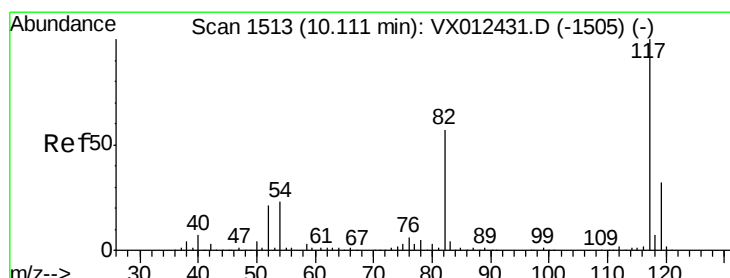
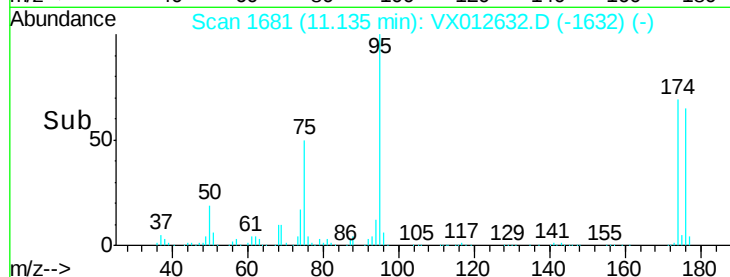
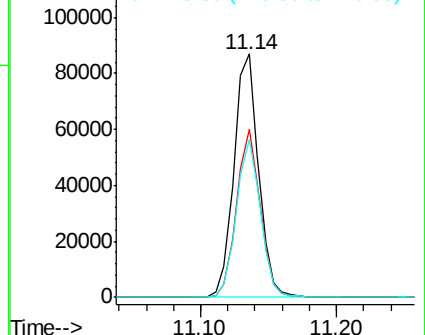
176 63.7 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX012632.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012632.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012632.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012632.D

Acq: 24 Sep 2019 14:57

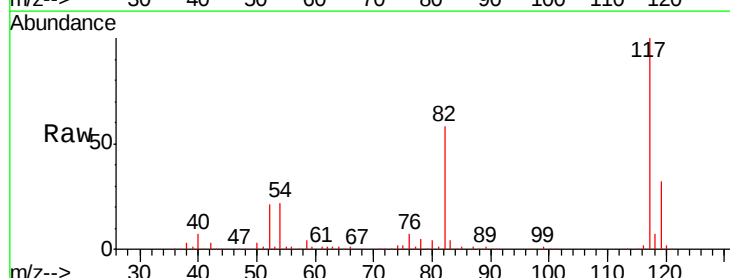
Tgt Ion: 117 Resp: 233935

Ion Ratio Lower Upper

117 100

82 57.9 45.9 68.9

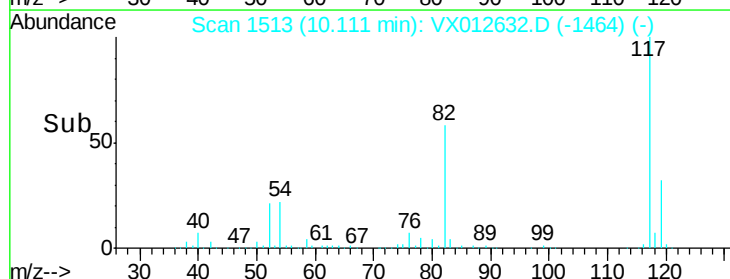
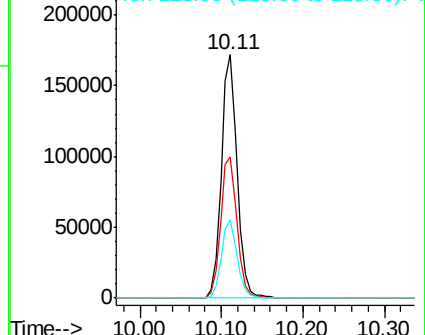
119 32.1 25.3 37.9

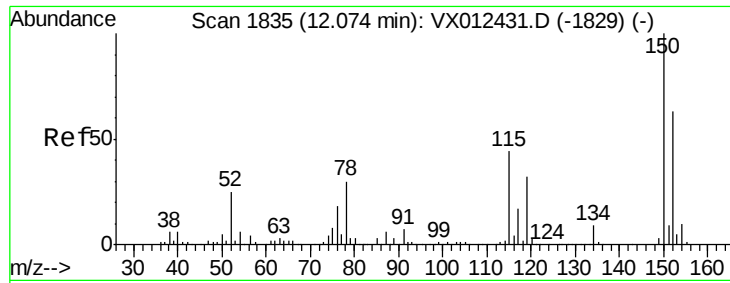


Abundance Ion 116.90 (116.60 to 117.60): VX012632.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012632.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012632.D (-1464) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012632.D

Acq: 24 Sep 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

S49-0530

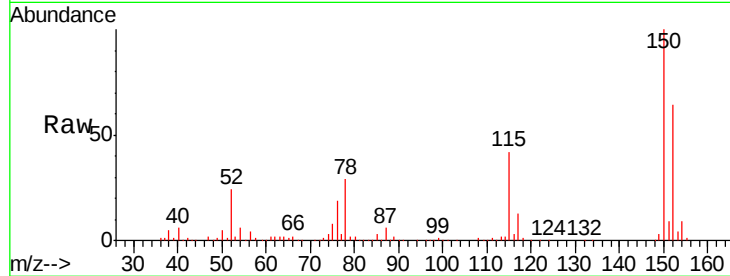
Tgt Ion:152 Resp: 85444

Ion Ratio Lower Upper

152 100

115 65.1 44.1 132.3

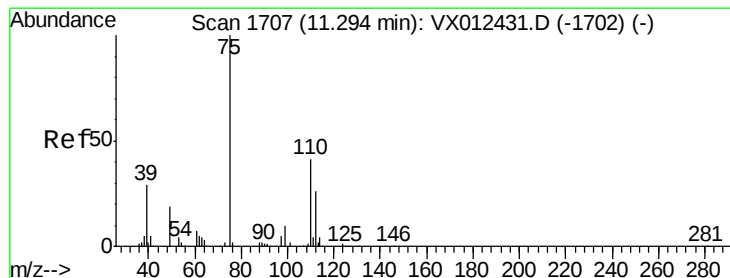
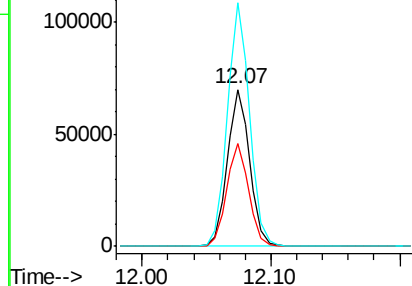
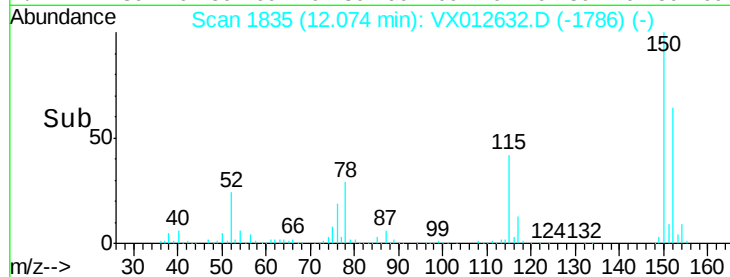
150 154.4 0.0 343.8



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: 25.405 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012632.D

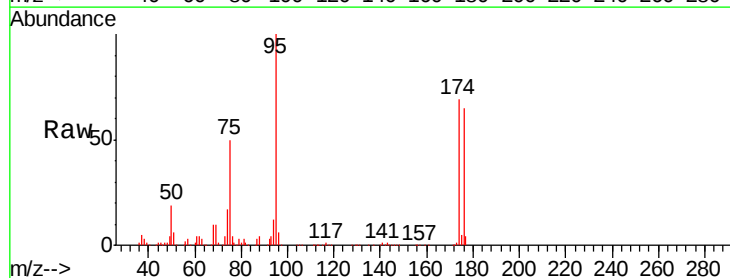
Acq: 24 Sep 2019 14:57

Tgt Ion: 75 Resp: 57420

Ion Ratio Lower Upper

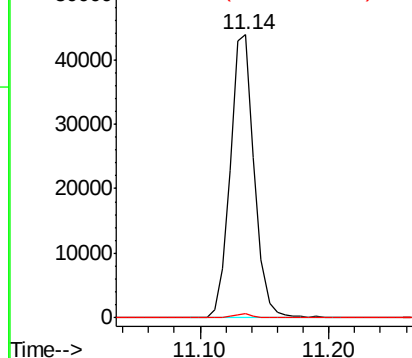
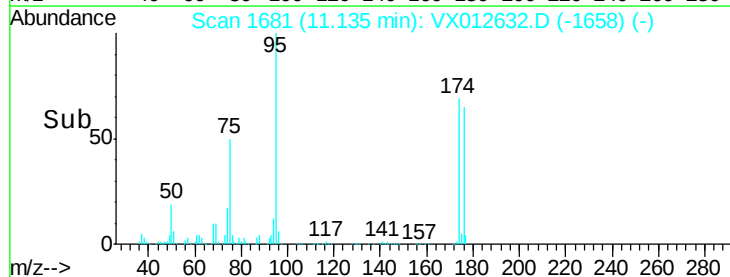
75 100

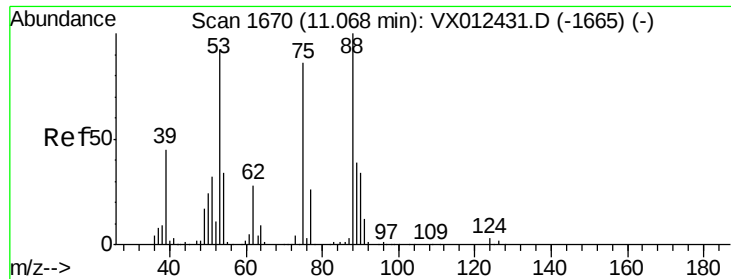
77 1.3 19.7 59.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 72.804 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012632.D

Acq: 24 Sep 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

S49-0530

Tgt Ion: 75 Resp: 57420

Ion Ratio Lower Upper

75 100

53 0.0 83.6 125.4#

89 0.0 36.3 54.5#

