

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083119\
 Data File : VX011974.D
 Acq On : 01 Sep 2019 03:05
 Operator : SY/SP
 Sample : K4526-17
 Misc : 5.46g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-G1-(1.9)

Quant Time: Sep 01 04:07:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	427558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	546292	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	485749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	259960	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	172183	42.03	ug/l	0.00
Spiked Amount			Recovery	=	84.06%	
35) Dibromofluoromethane	5.48	113	157639	45.00	ug/l	0.00
Spiked Amount			Recovery	=	90.00%	
50) Toluene-d8	8.71	98	614517	49.07	ug/l	0.00
Spiked Amount			Recovery	=	98.14%	
62) 4-Bromofluorobenzene	11.14	95	231147	42.08	ug/l	0.00
Spiked Amount			Recovery	=	84.16%	

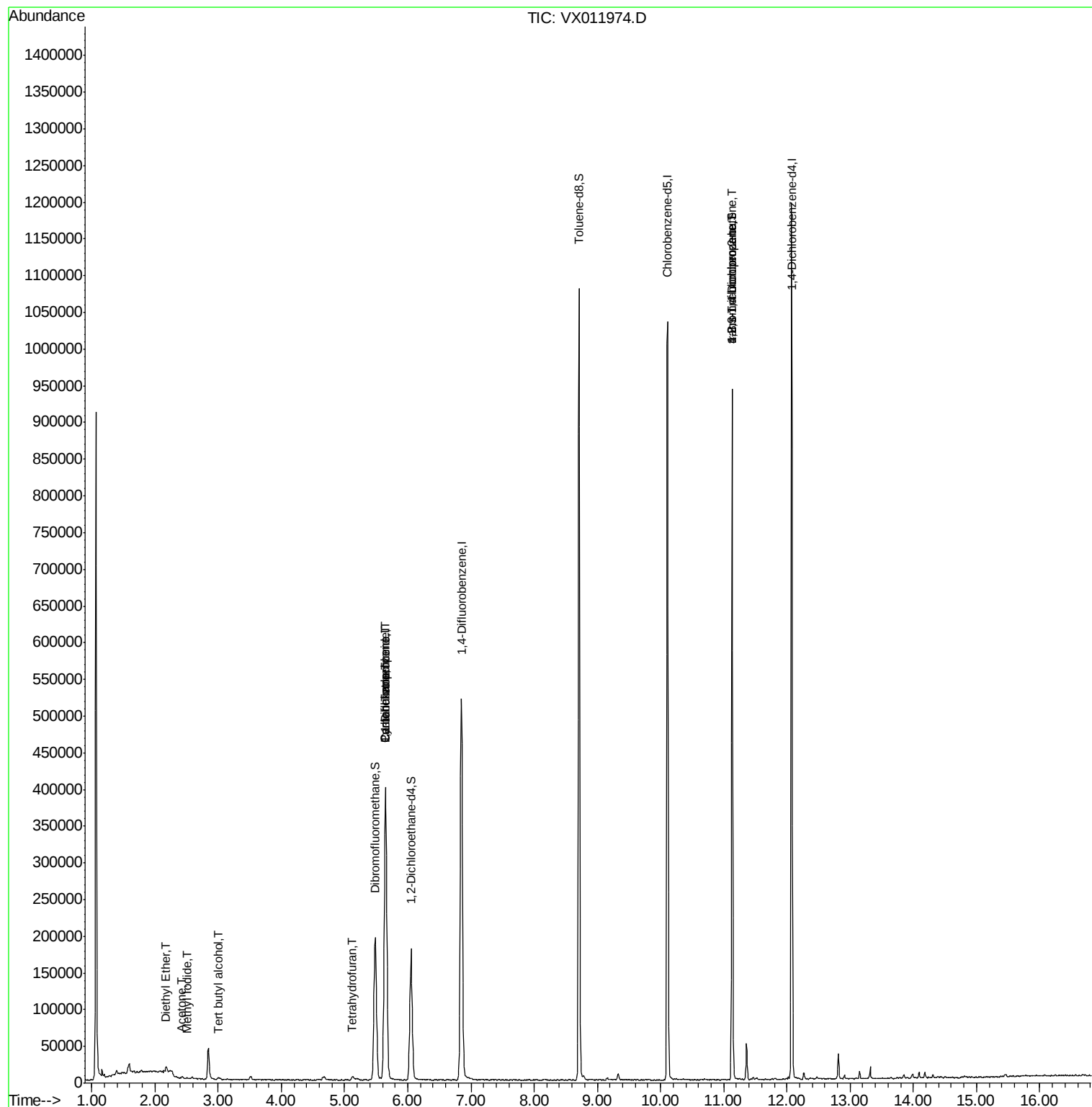
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.17	74	2449	1.436	ug/l	95
10) Methyl Iodide	2.50	142	248	3.741	ug/l #	81
11) Tert butyl alcohol	3.01	59	2918	7.404	ug/l	98
16) Acetone	2.43	43	2263	2.568	ug/l #	83
29) Tetrahydrofuran	5.12	42	4216	5.262	ug/l #	84
31) Cyclohexane	5.65	56	7259	1.419	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	25377	5.864	ug/l #	51
38) Carbon Tetrachloride	5.64	117	36058	7.184	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	114874	44.921	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	114874	112.850	ug/l #	11

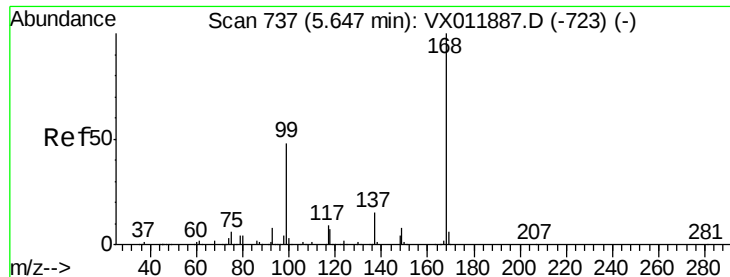
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX083119\
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Quant Time: Sep 01 04:07:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:59:05 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: VX011974.D

Acq: 01 Sep 2019 03:05

Instrument :

MSVOA_X

ClientSampleId :

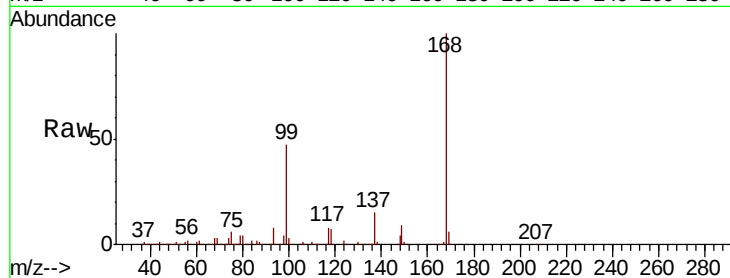
T9-12-13-G1-(1.9)

Tgt Ion:168 Resp: 427558

Ion Ratio Lower Upper

168 100

99 46.9 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

100000

50000

0

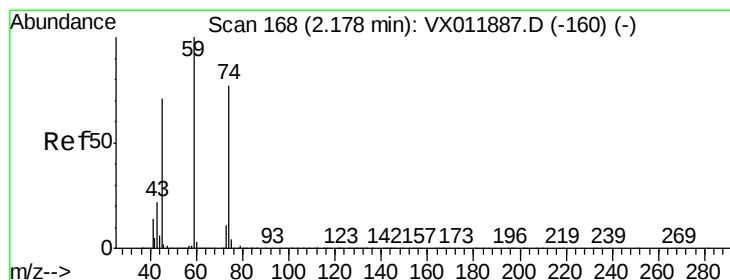
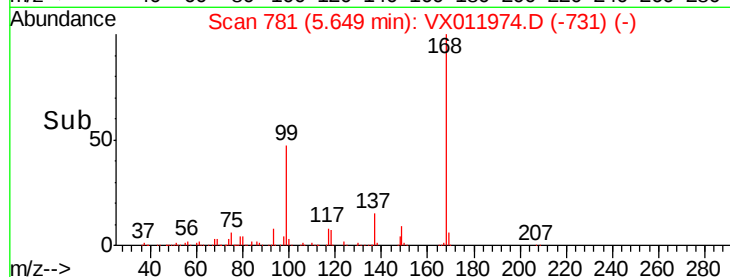
5.65

5.60

5.70

5.80

Time-->



#8

Diethyl Ether

Concen: 1.436 ug/l

RT: 2.17 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX011974.D

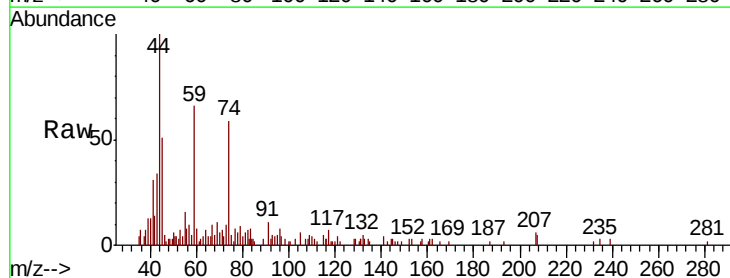
Acq: 01 Sep 2019 03:05

Tgt Ion: 74 Resp: 2449

Ion Ratio Lower Upper

74 100

45 98.2 46.7 140.1



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

1500

1000

500

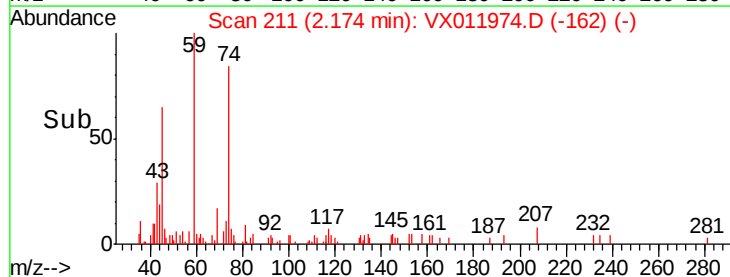
0

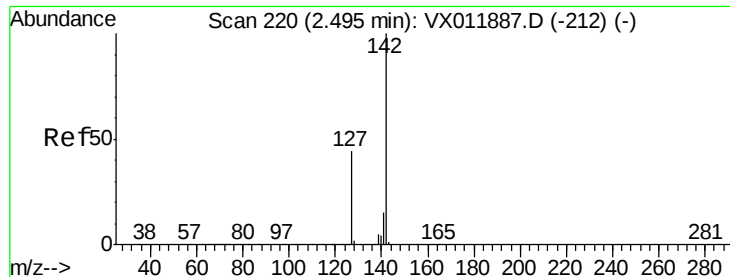
2.17

2.15

2.20

Time-->

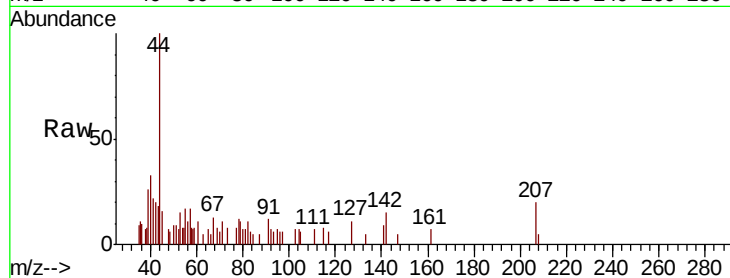




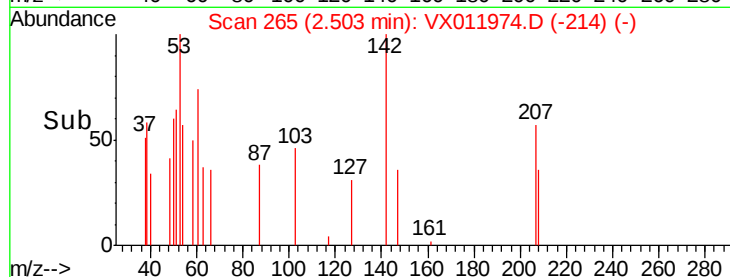
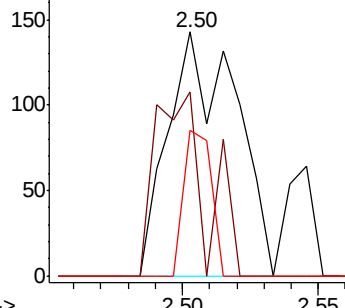
#10
Methyl Iodide
Concen: 3.741 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX011974.D
Acq: 01 Sep 2019 03:05

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-G1-(1.9)

Tgt Ion:142 Resp: 248
Ion Ratio Lower Upper
142 100
127 56.0 35.7 53.5#
141 24.2 11.8 17.6#

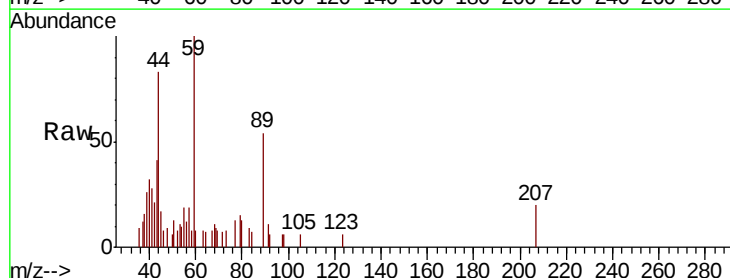
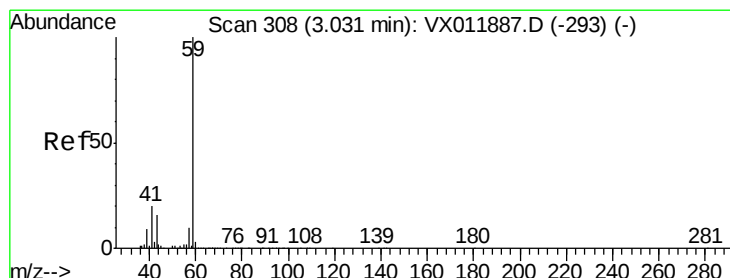


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

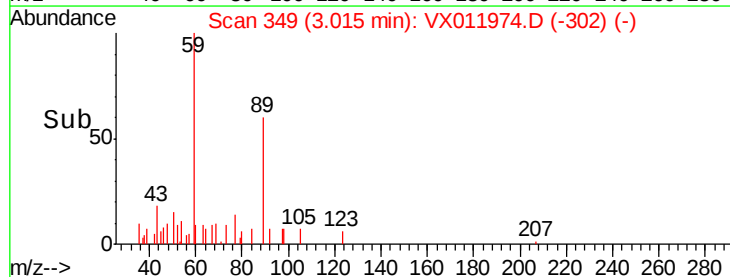
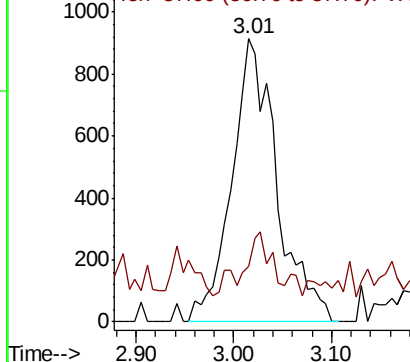


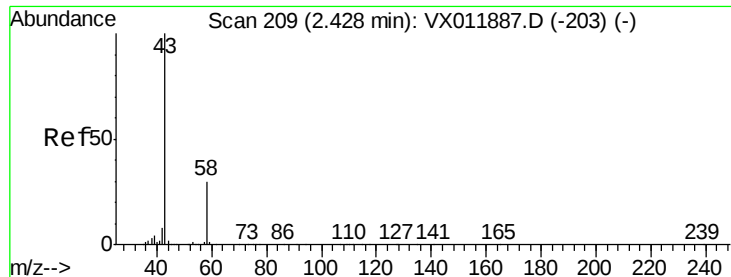
#11
Tert butyl alcohol
Concen: 7.404 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.02 min
Lab File: VX011974.D
Acq: 01 Sep 2019 03:05

Tgt Ion: 59 Resp: 2918
Ion Ratio Lower Upper
59 100
57 10.0 8.6 12.8



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





#16

Acetone

Concen: 2.568 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX011974.D

Acq: 01 Sep 2019 03:05

Instrument :

MSVOA_X

ClientSampleId :

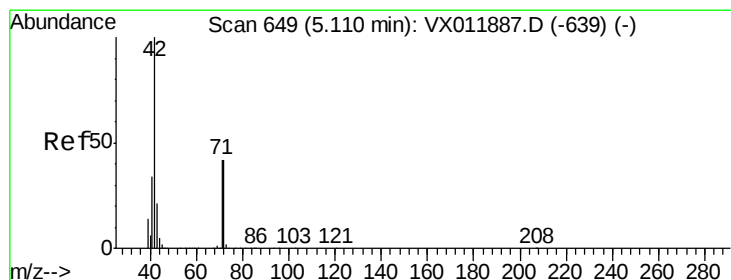
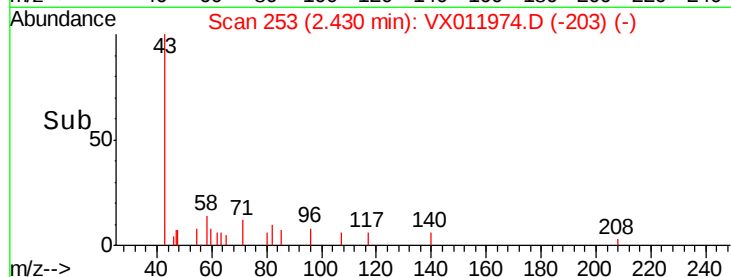
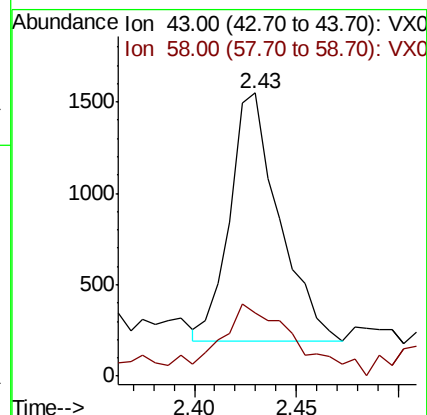
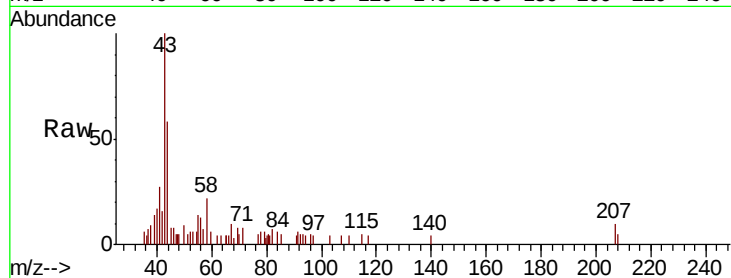
T9-12-13-G1-(1.9)

Tgt Ion: 43 Resp: 2263

Ion Ratio Lower Upper

43 100

58 20.4 23.8 35.8#



#29

Tetrahydrofuran

Concen: 5.262 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX011974.D

Acq: 01 Sep 2019 03:05

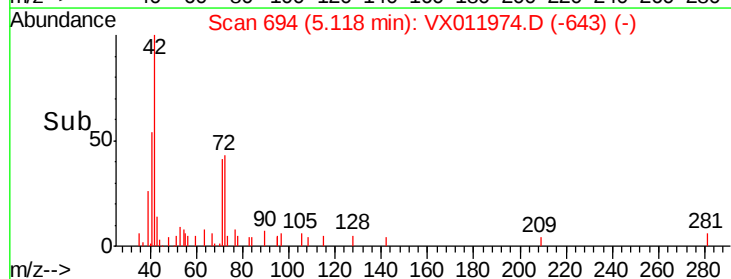
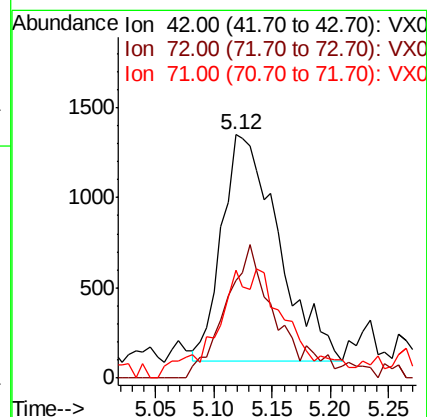
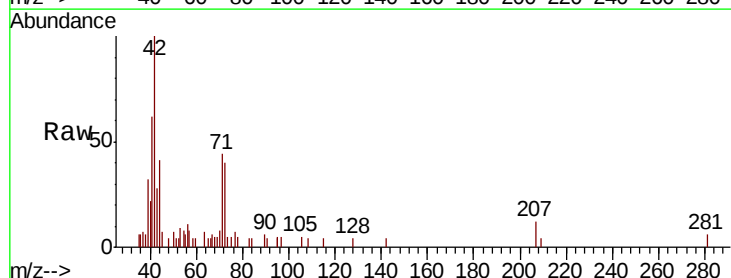
Tgt Ion: 42 Resp: 4216

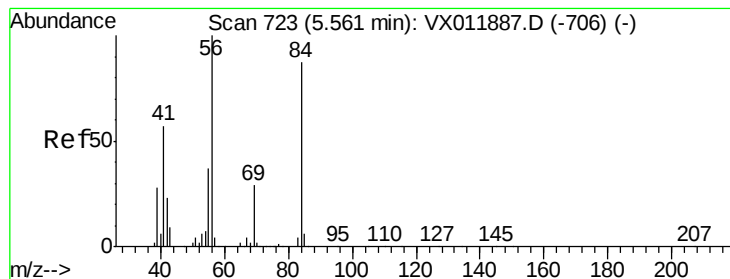
Ion Ratio Lower Upper

42 100

72 53.7 36.2 54.4

71 29.3 33.1 49.7#





#31

Cyclohexane

Concen: 1.419 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.09 min

Lab File: VX011974.D

Acq: 01 Sep 2019 03:05

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-G1-(1.9)

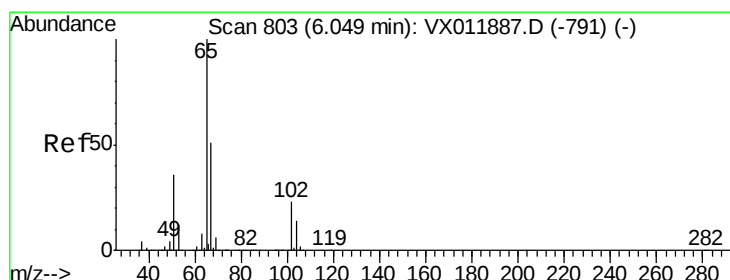
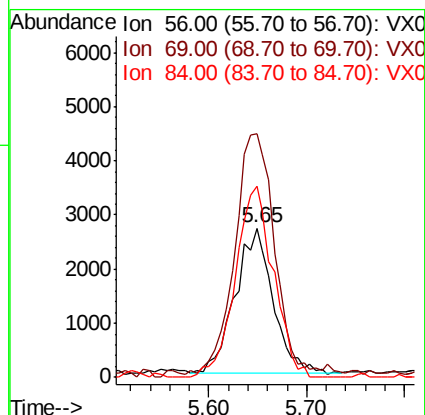
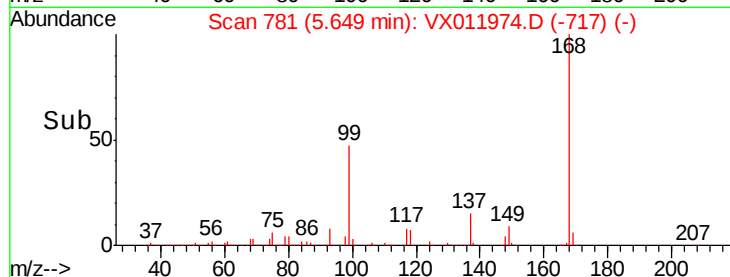
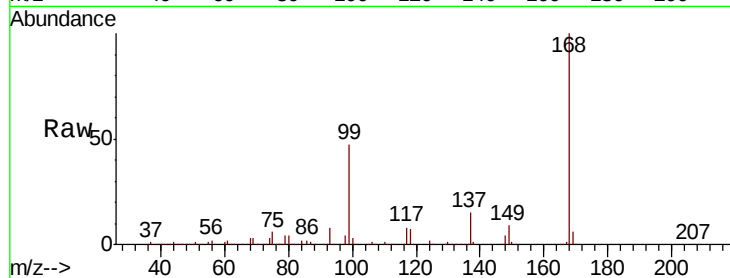
Tgt Ion: 56 Resp: 7259

Ion Ratio Lower Upper

56 100

69 163.7 23.1 34.7#

84 131.6 69.6 104.4#



#33

1,2-Dichloroethane-d4

Concen: 42.032 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX011974.D

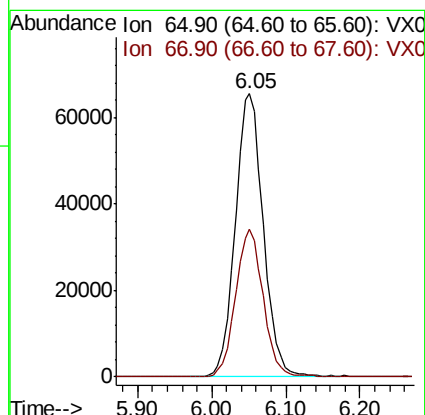
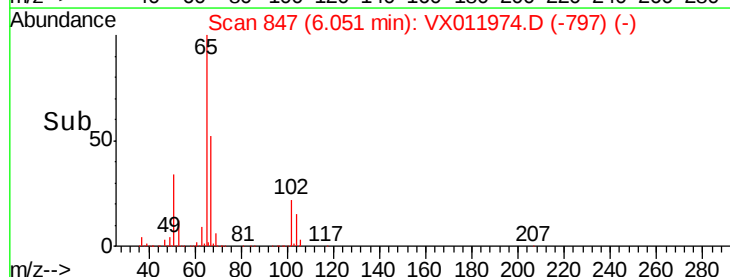
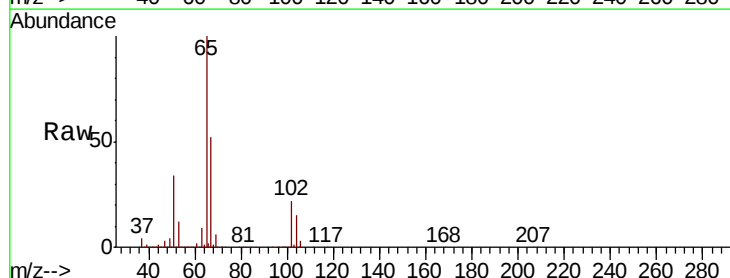
Acq: 01 Sep 2019 03:05

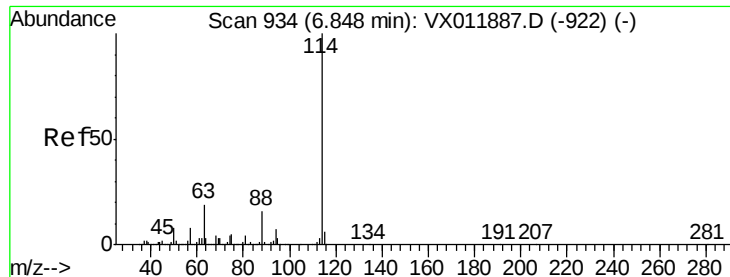
Tgt Ion: 65 Resp: 172183

Ion Ratio Lower Upper

65 100

67 50.7 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX011974.D

Acq: 01 Sep 2019 03:05

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-G1-(1.9)

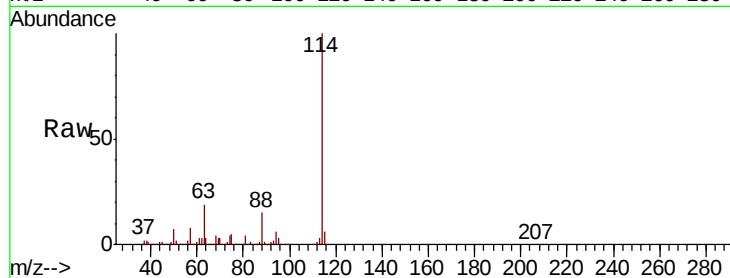
Tgt Ion:114 Resp: 546292

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.8

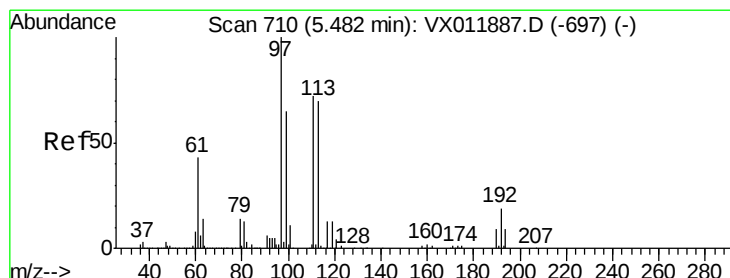
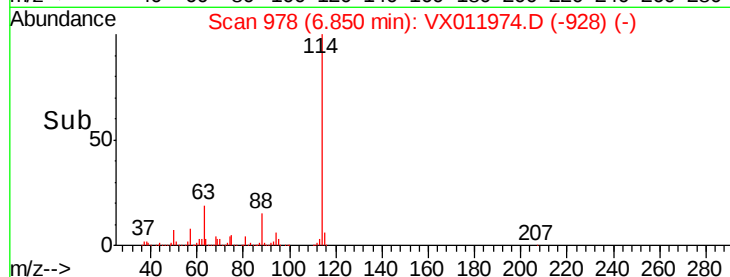
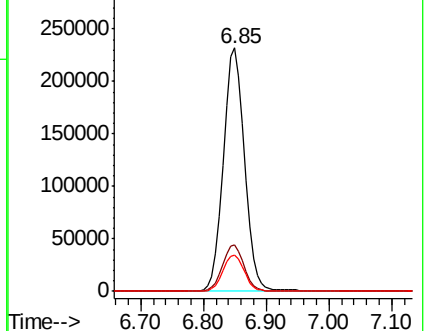
88 15.1 0.0 31.2



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: 45.000 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX011974.D

Acq: 01 Sep 2019 03:05

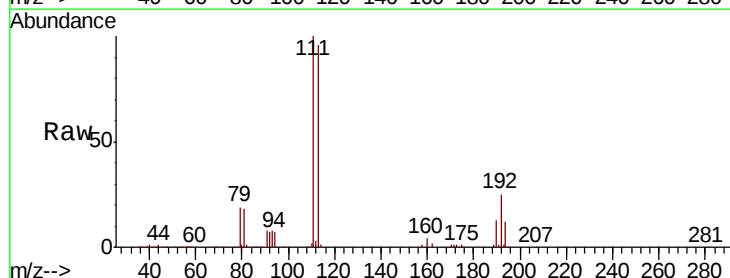
Tgt Ion:113 Resp: 157639

Ion Ratio Lower Upper

113 100

111 102.7 82.1 123.1

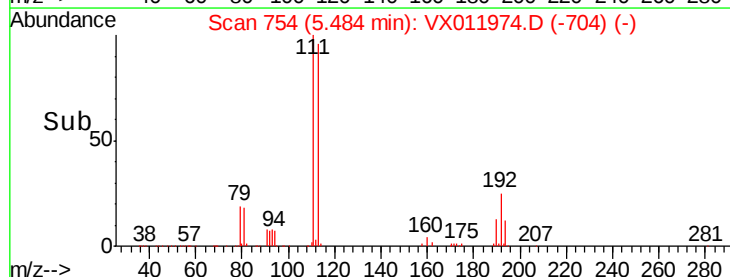
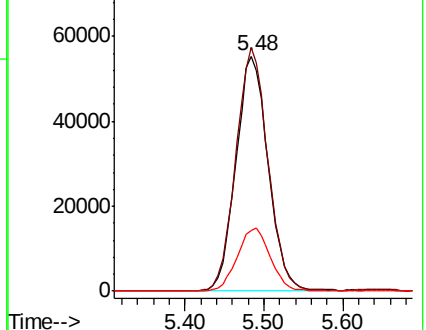
192 27.5 21.5 32.3

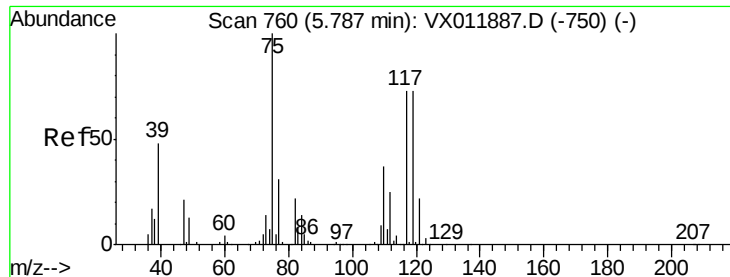


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

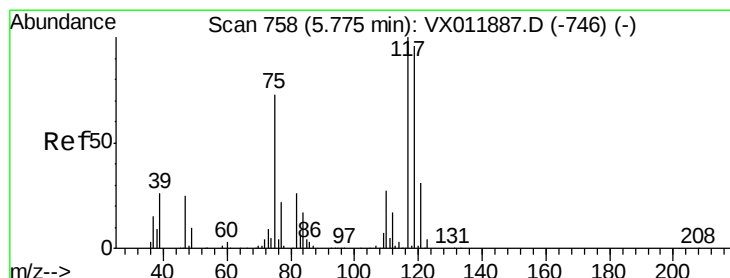
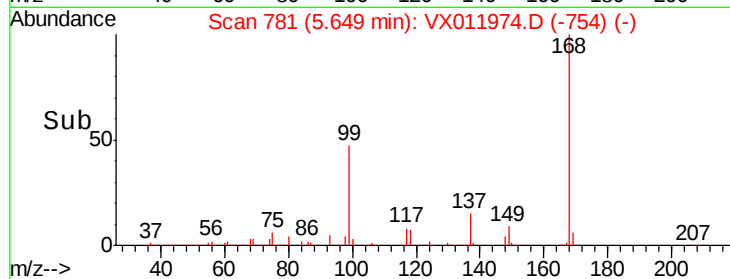
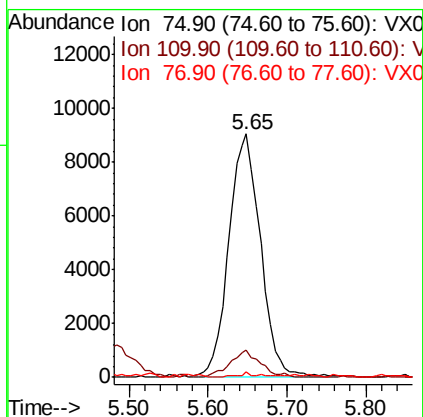
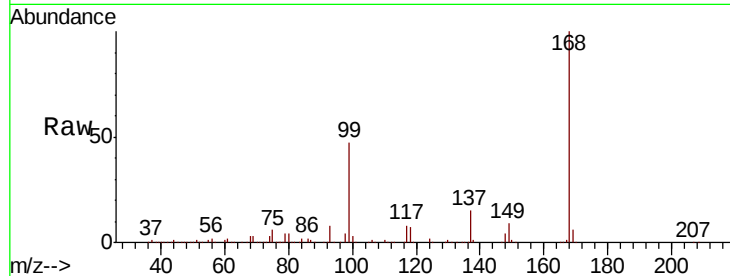




#36
 1,1-Dichloropropene
 Concen: 5.864 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX011974.D
 Acq: 01 Sep 2019 03:05

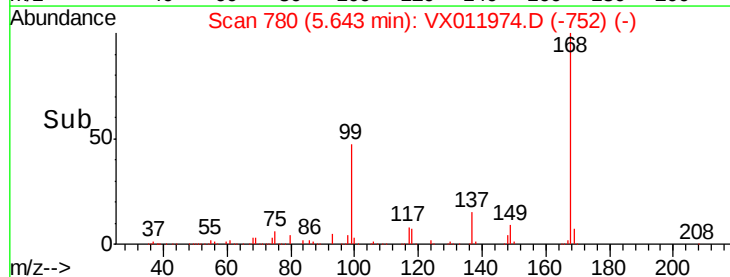
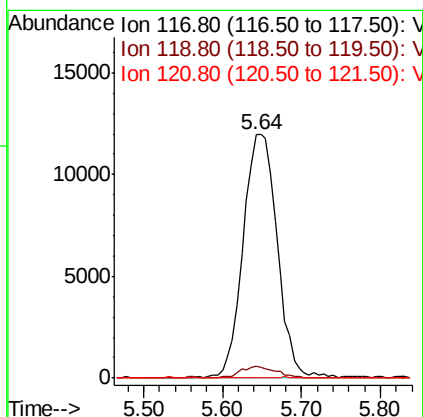
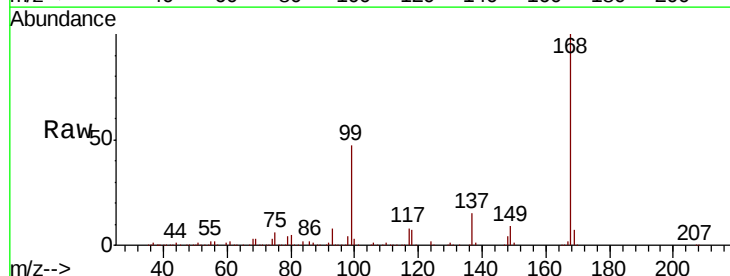
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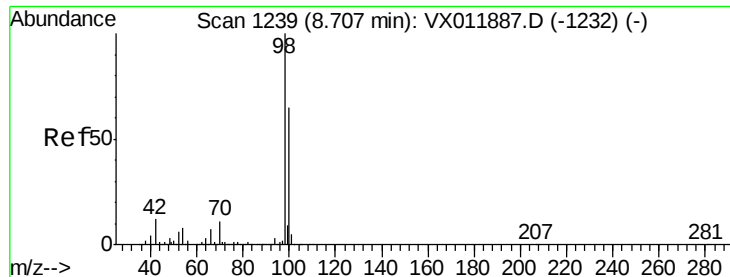
Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.7	19.1	57.3#
77	0.9	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 7.184 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.13 min
 Lab File: VX011974.D
 Acq: 01 Sep 2019 03:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.7	76.6	114.8#
121	0.0	24.7	37.1#

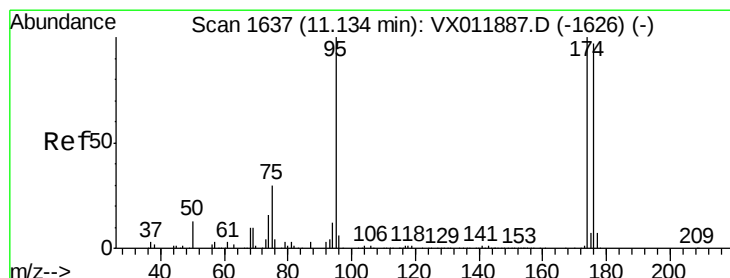
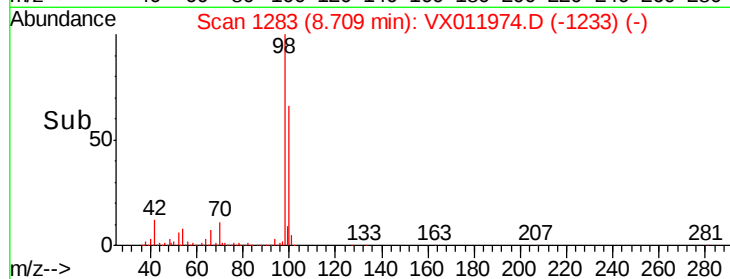
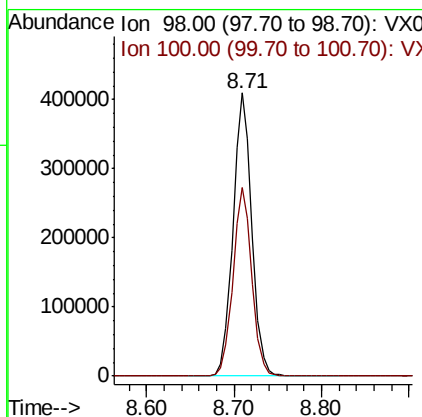
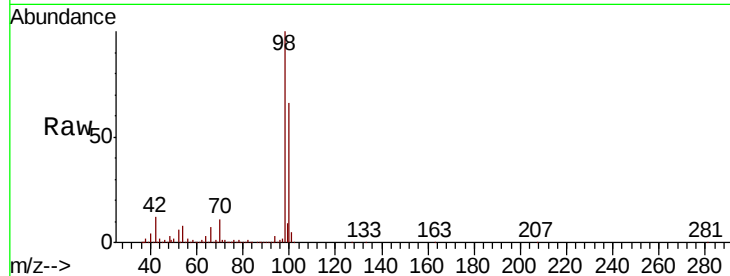




#50
Toluene-d8
Concen: 49.074 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011974.D
Acq: 01 Sep 2019 03:05

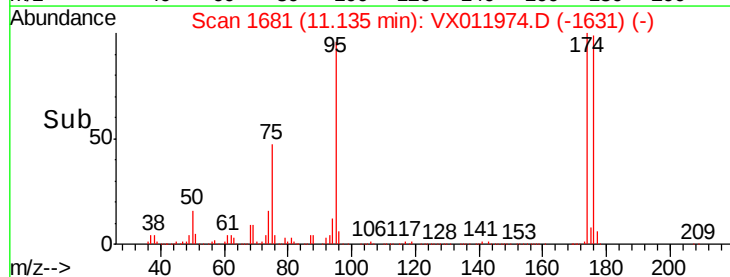
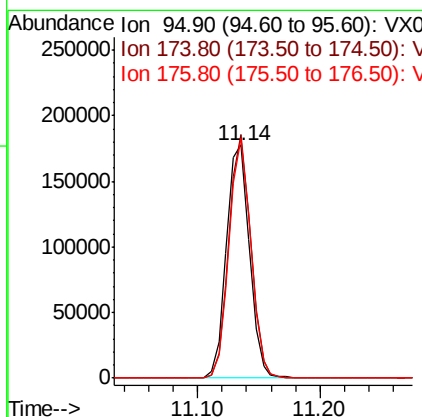
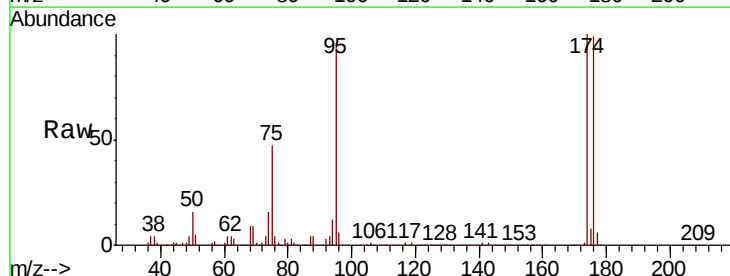
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-G1-(1.9)

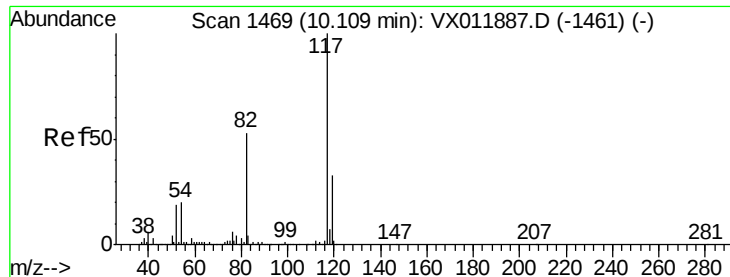
Tgt Ion: 98 Resp: 614517
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 42.080 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX011974.D
Acq: 01 Sep 2019 03:05

Tgt Ion: 95 Resp: 231147
Ion Ratio Lower Upper
95 100
174 99.6 0.0 196.0
176 97.1 0.0 191.4

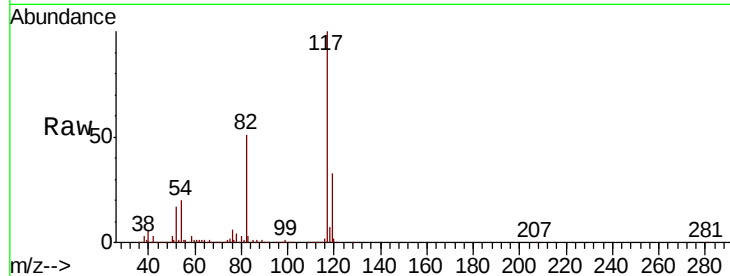




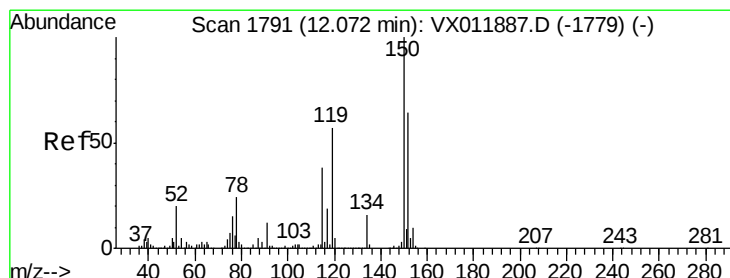
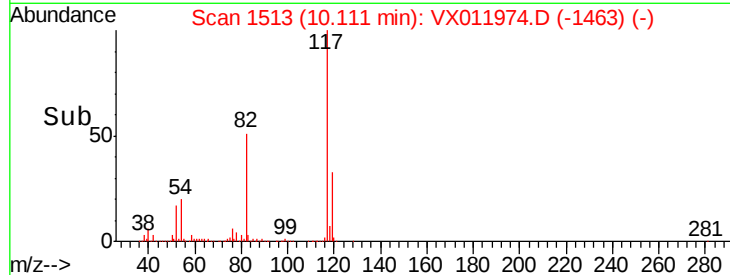
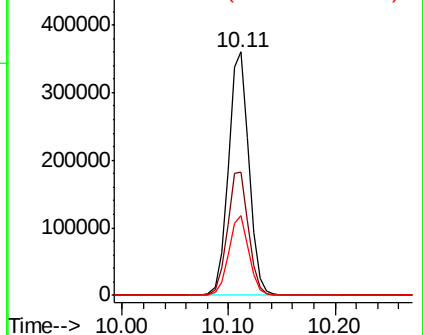
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011974.D
Acq: 01 Sep 2019 03:05

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-G1-(1.9)

Tgt Ion:117 Resp: 485749
Ion Ratio Lower Upper
117 100
82 50.5 42.0 63.0
119 32.7 26.2 39.4

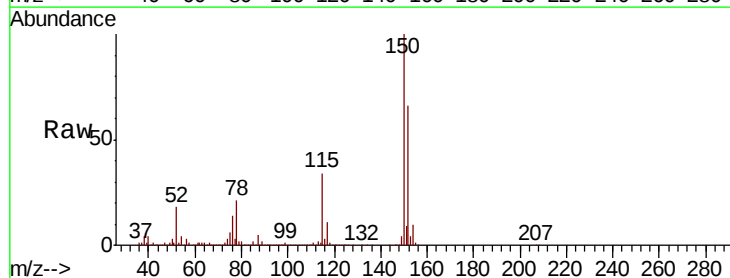


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

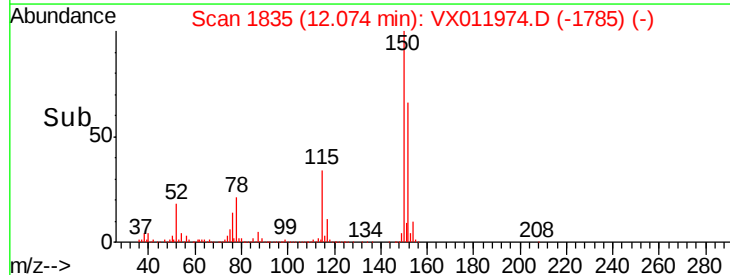
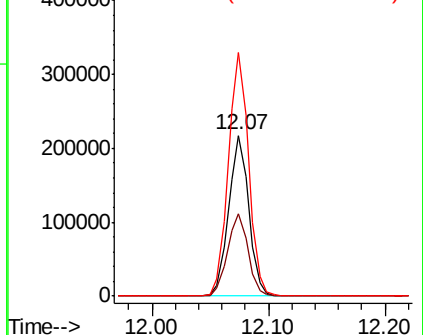


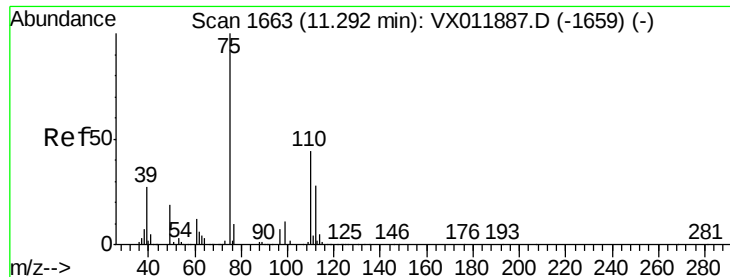
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011974.D
Acq: 01 Sep 2019 03:05

Tgt Ion:152 Resp: 259960
Ion Ratio Lower Upper
152 100
115 52.1 37.1 111.3
150 153.4 0.0 339.6



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: 44.921 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX011974.D

Acq: 01 Sep 2019 03:05

Instrument :

MSVOA_X

ClientSampleId :

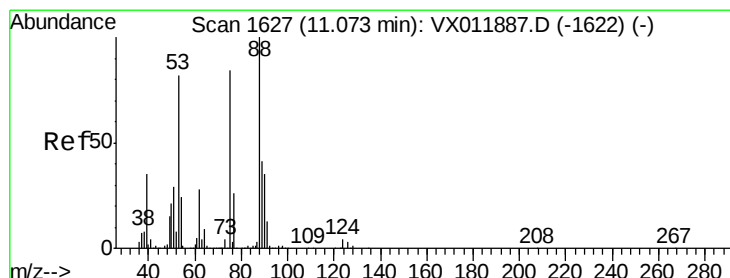
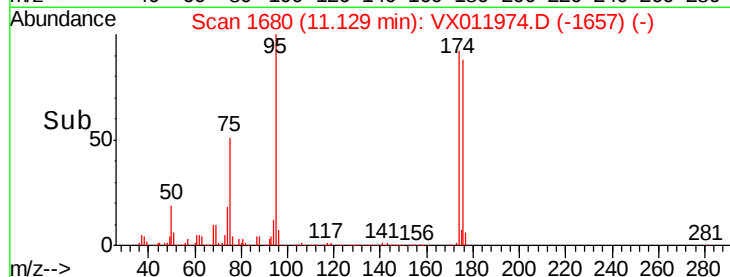
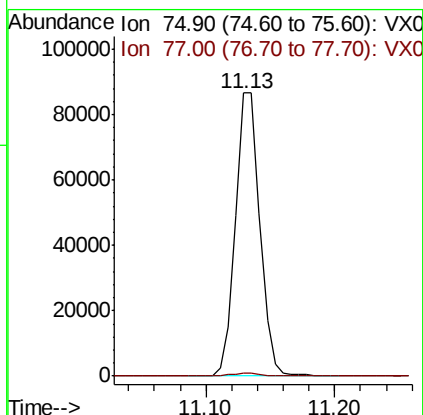
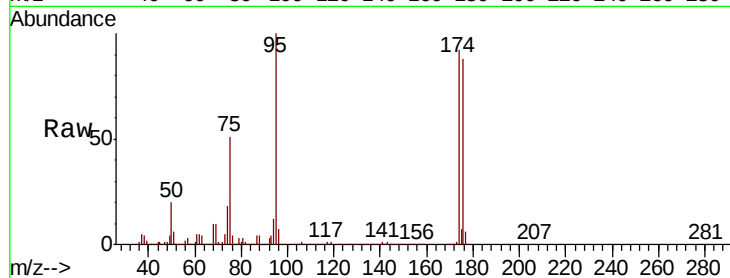
T9-12-13-G1-(1.9)

Tgt Ion: 75 Resp: 114874

Ion Ratio Lower Upper

75 100

77 1.5 20.9 62.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 112.850 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX011974.D

Acq: 01 Sep 2019 03:05

Tgt Ion: 75 Resp: 114874

Ion Ratio Lower Upper

75 100

53 0.0 77.1 115.7#

89 0.0 38.2 57.2#

