

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090119\
 Data File : VX011988.D
 Acq On : 01 Sep 2019 13:13
 Operator : SY/SP
 Sample : VX0901SBL01
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901SBL01

Quant Time: Sep 02 03:52:23 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	5.64	168	431710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	540529	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	493894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	291525	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	158095	38.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	76.44%	
35) Dibromofluoromethane	5.48	113	155530	44.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.74%	
50) Toluene-d8	8.71	98	570074	46.01	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.02%	
62) 4-Bromofluorobenzene	11.13	95	228436	42.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	84.06%	

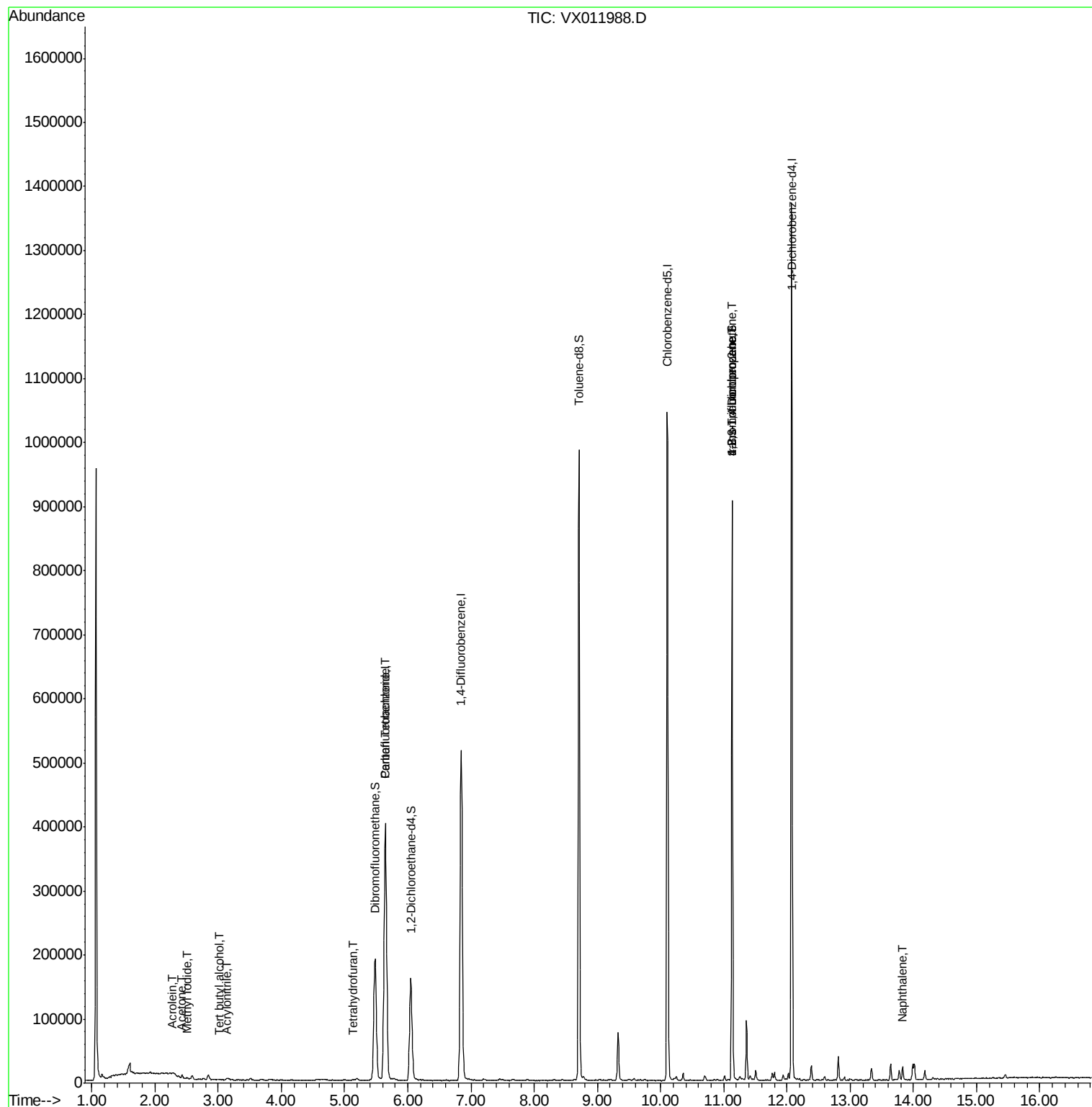
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.50	142	2396	4.299	ug/l #	93
11) Tert butyl alcohol	3.02	59	1004	2.523	ug/l	98
13) Acrolein	2.27	56	241	1.217	ug/l	95
15) Acrylonitrile	3.12	53	1074	1.136	ug/l #	75
16) Acetone	2.43	43	6454	7.252	ug/l	91
20) Methylene Chloride	2.84	84	4114	Below Cal	#	84
29) Tetrahydrofuran	5.14	42	882	1.090	ug/l #	89
38) Carbon Tetrachloride	5.65	117	36869	7.424	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	113412	39.547	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	113412	99.350	ug/l #	11
95) Naphthalene	13.83	128	12634	1.042	ug/l	99

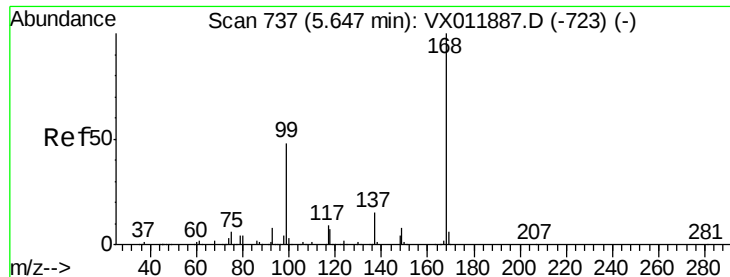
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090119\
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX0901SBL01

Quant Time: Sep 02 03:52:23 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: 5.64 min Scan# 780

Delta R.T. -0.00 min

Lab File: VX011988.D

Acq: 01 Sep 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

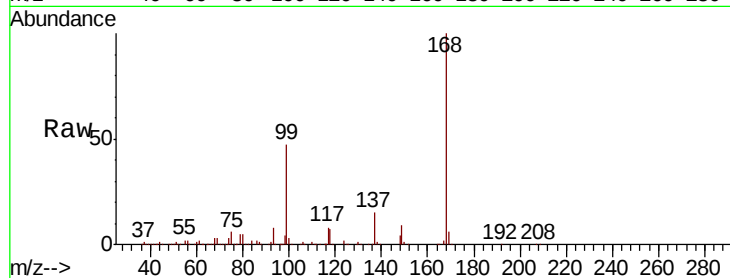
VX0901SBL01

Tgt Ion:168 Resp: 431710

Ion Ratio Lower Upper

168 100

99 47.3 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

150000

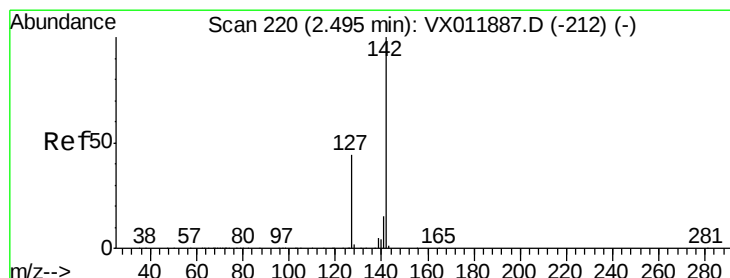
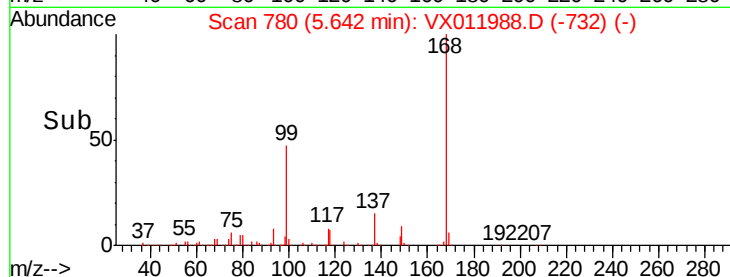
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#10

Methyl Iodide

Concen: 4.299 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX011988.D

Acq: 01 Sep 2019 13:13

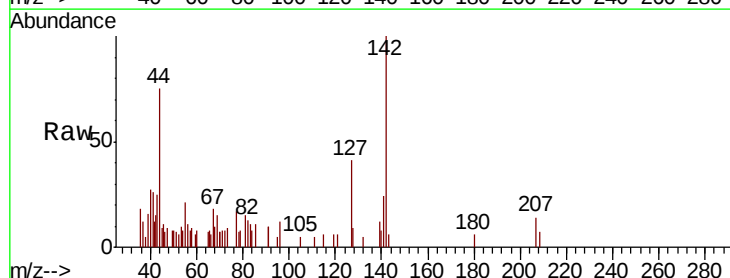
Tgt Ion:142 Resp: 2396

Ion Ratio Lower Upper

142 100

127 40.8 35.7 53.5

141 19.3 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

2.50

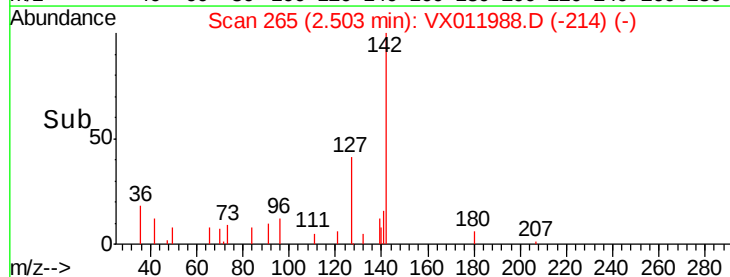
1000

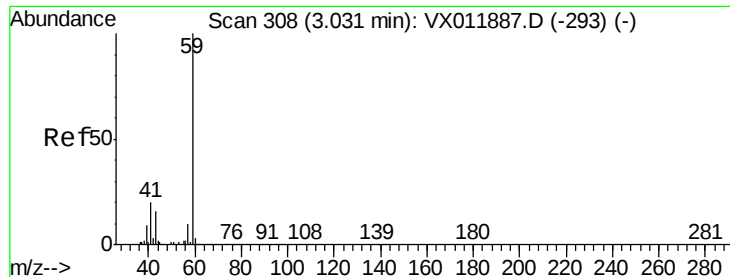
500

0

2.45 2.50 2.55 2.60

Time-->





#11

Tert butyl alcohol

Concen: 2.523 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX011988.D

Acq: 01 Sep 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

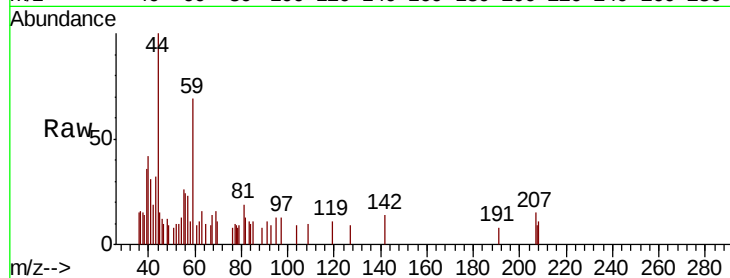
VX0901SBL01

Tgt Ion: 59 Resp: 1004

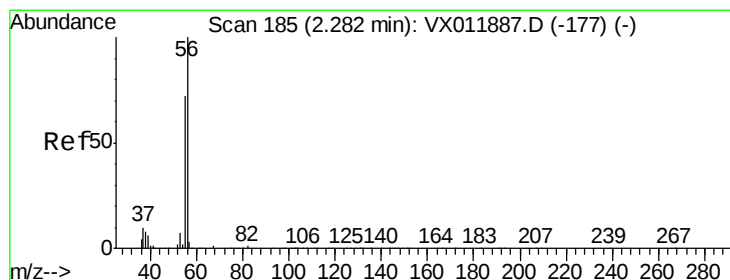
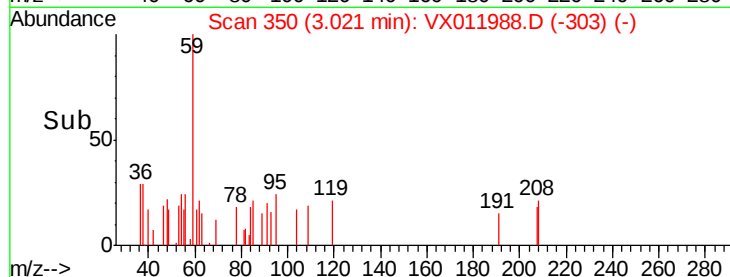
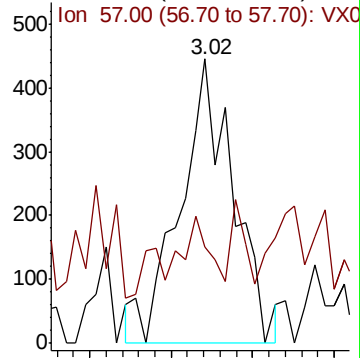
Ion Ratio Lower Upper

59 100

57 10.0 8.6 12.8



Abundance Ion 59.00 (58.70 to 59.70): VX0



#13

Acrolein

Concen: 1.217 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.01 min

Lab File: VX011988.D

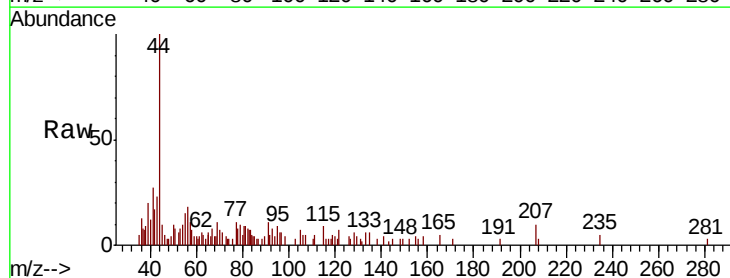
Acq: 01 Sep 2019 13:13

Tgt Ion: 56 Resp: 241

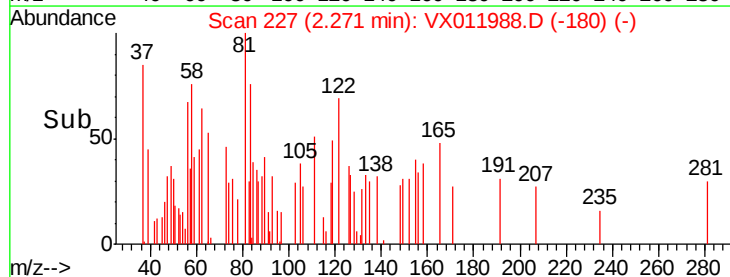
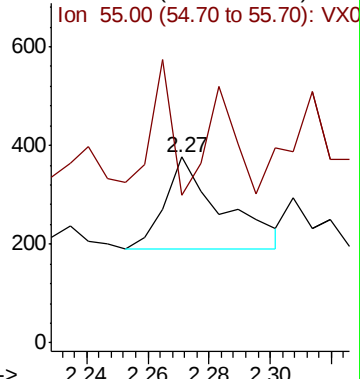
Ion Ratio Lower Upper

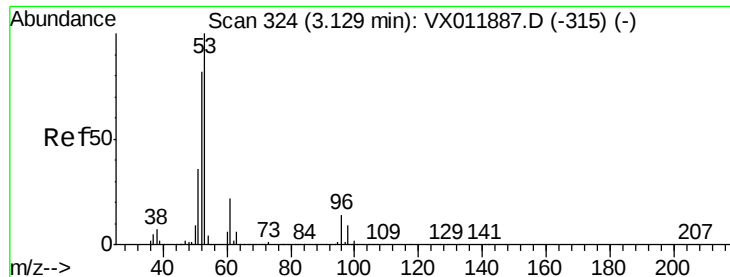
56 100

55 69.3 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VX0





#15

Acrylonitrile

Concen: 1.136 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.00 min

Lab File: VX011988.D

Acq: 01 Sep 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0901SBL01

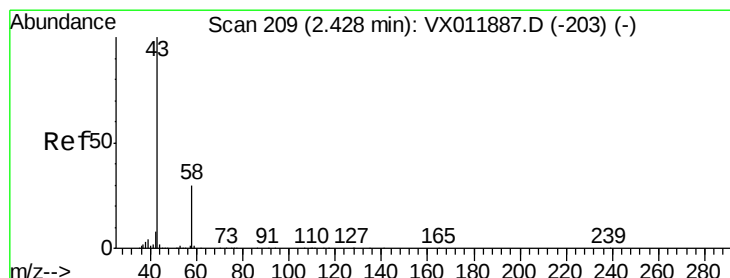
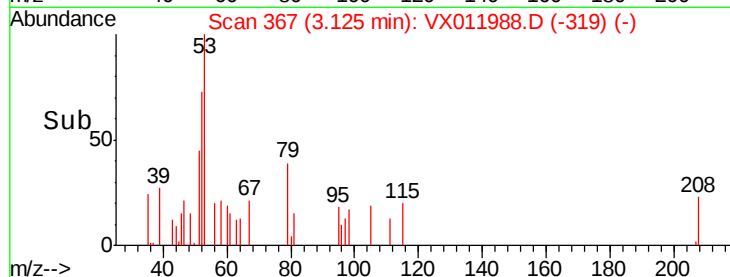
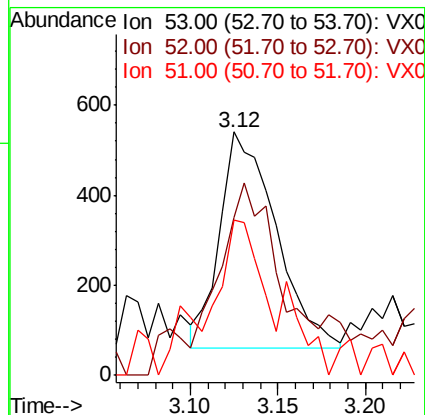
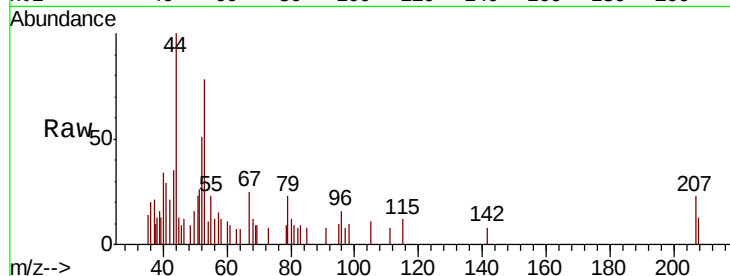
Tgt Ion: 53 Resp: 1074

Ion Ratio Lower Upper

53 100

52 70.8 65.3 97.9

51 68.5 29.4 44.2#



#16

Acetone

Concen: 7.252 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX011988.D

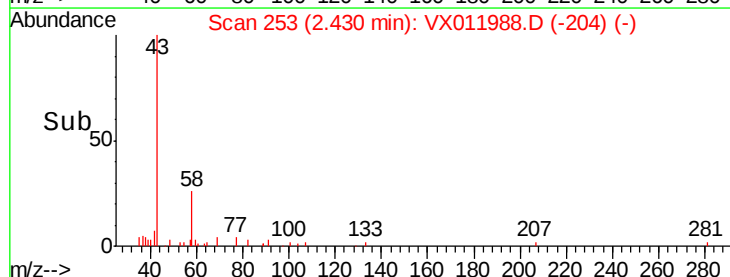
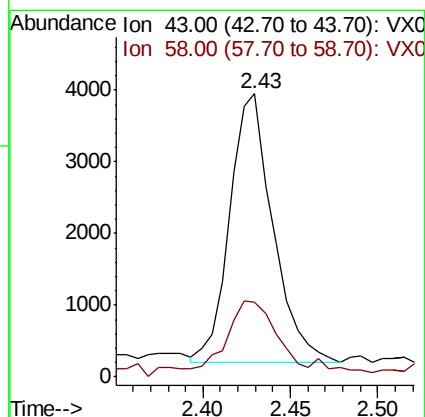
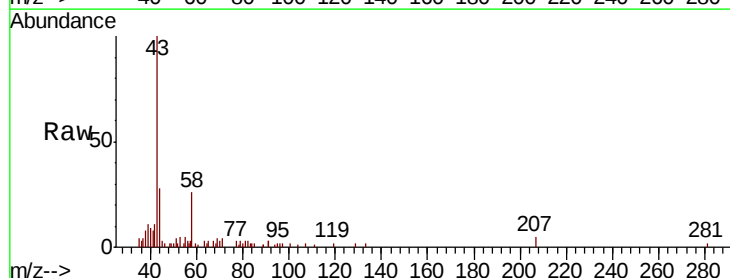
Acq: 01 Sep 2019 13:13

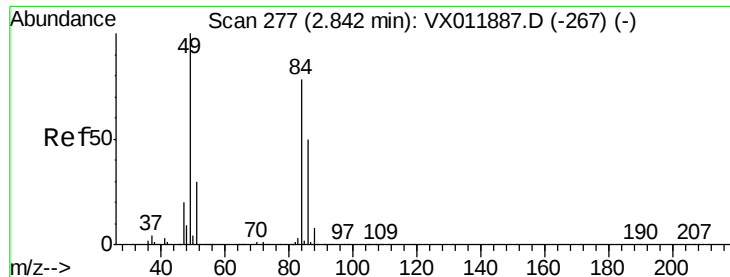
Tgt Ion: 43 Resp: 6454

Ion Ratio Lower Upper

43 100

58 24.9 23.8 35.8

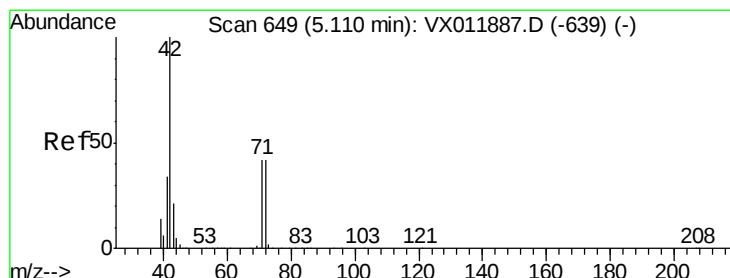
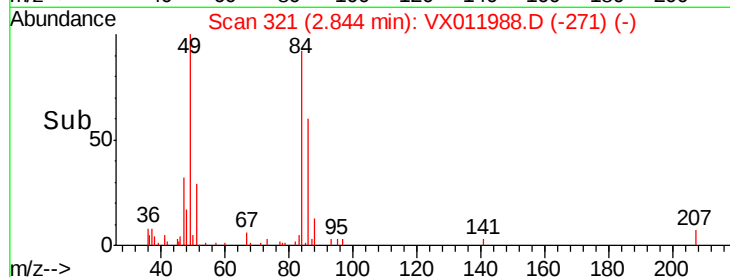
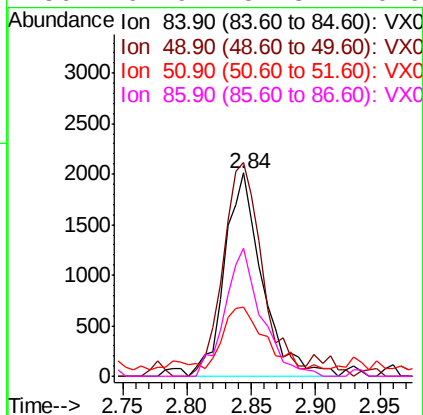
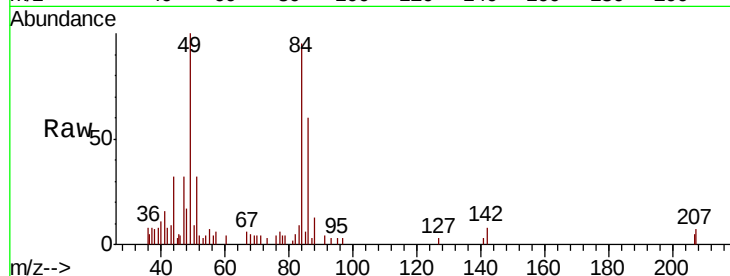




#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX011988.D
Acq: 01 Sep 2019 13:13

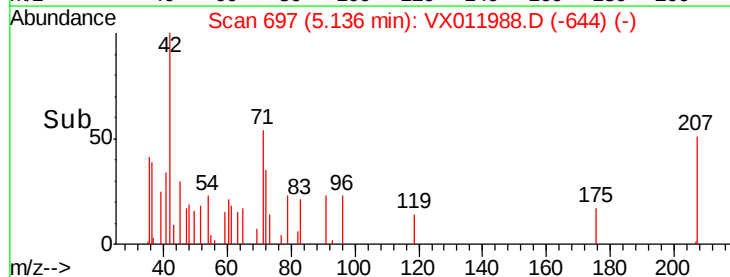
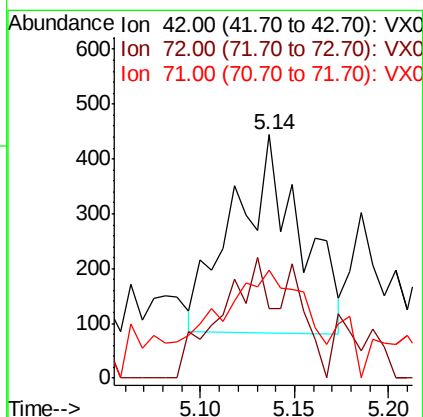
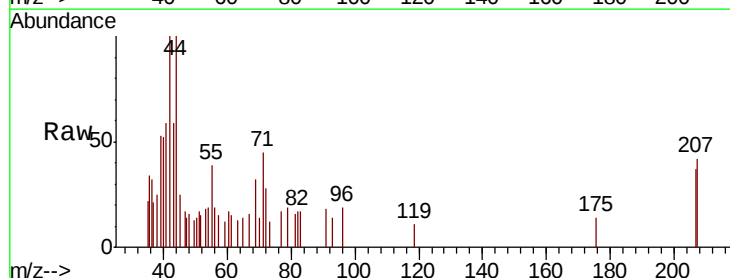
Instrument :
MSVOA_X
ClientSampleId :
VX0901SBL01

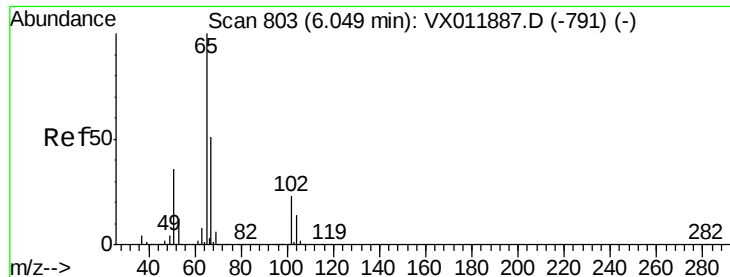
Tgt Ion: 84 Resp: 4114
Ion Ratio Lower Upper
84 100
49 102.0 103.0 154.4#
51 29.2 30.8 46.2#
86 62.9 51.3 76.9



#29
Tetrahydrofuran
Concen: 1.090 ug/l
RT: 5.14 min Scan# 697
Delta R.T. 0.03 min
Lab File: VX011988.D
Acq: 01 Sep 2019 13:13

Tgt Ion: 42 Resp: 882
Ion Ratio Lower Upper
42 100
72 48.1 36.2 54.4
71 52.4 33.1 49.7#

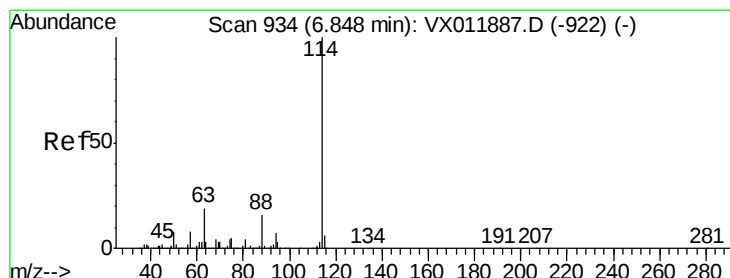
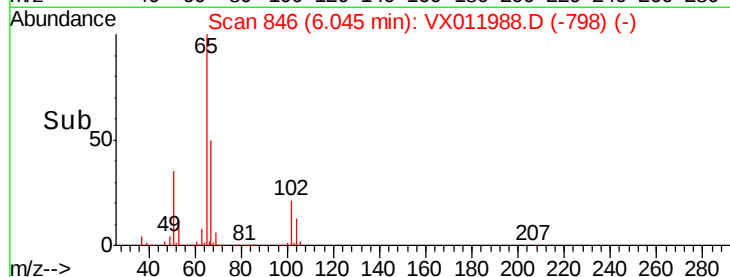
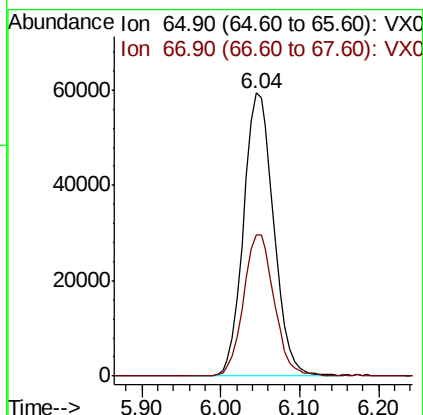
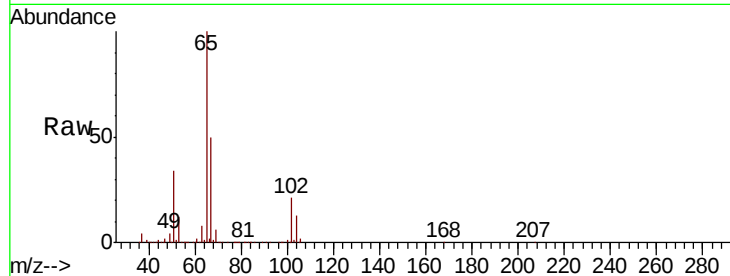




#33
 1,2-Dichloroethane-d4
 Concen: 38.222 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: VX011988.D
 Acq: 01 Sep 2019 13:13

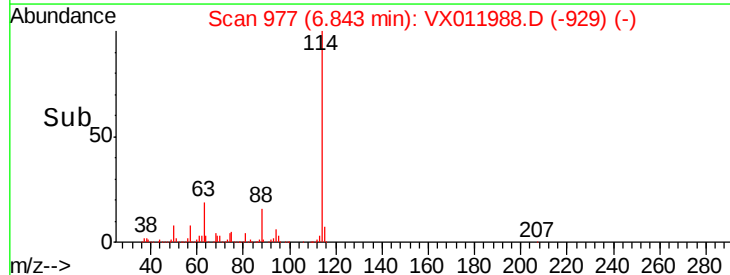
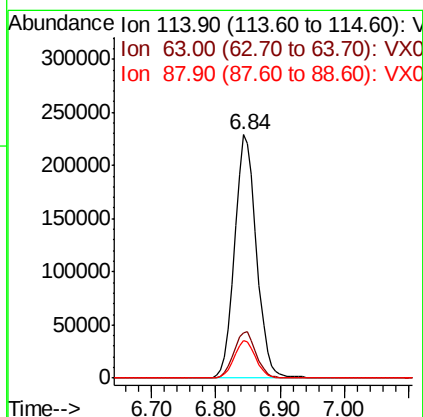
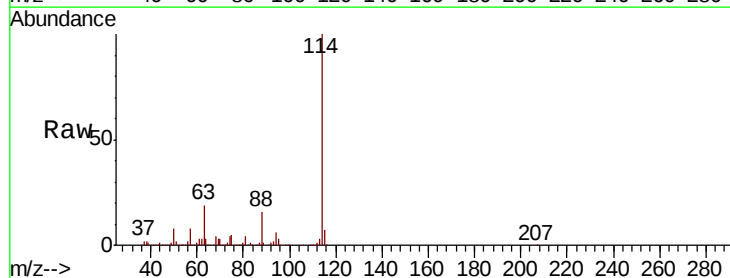
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901SBL01

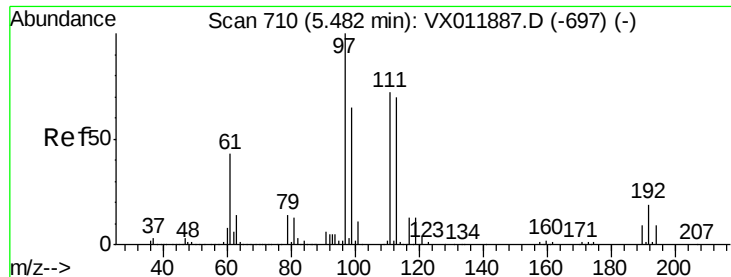
Tgt Ion: 65 Resp: 158095
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: VX011988.D
 Acq: 01 Sep 2019 13:13

Tgt Ion: 114 Resp: 540529
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.8
 88 15.6 0.0 31.2

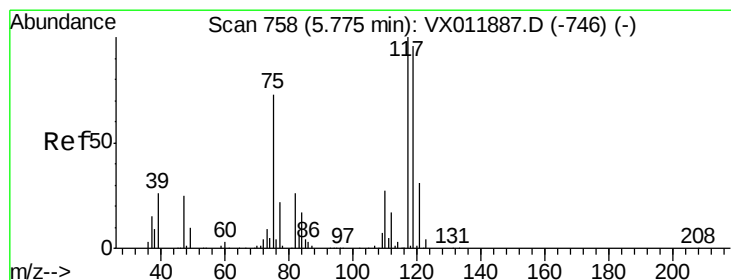
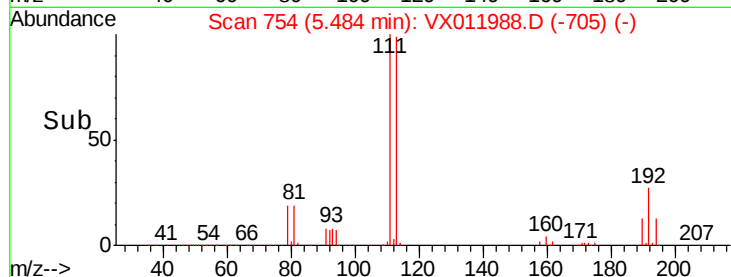
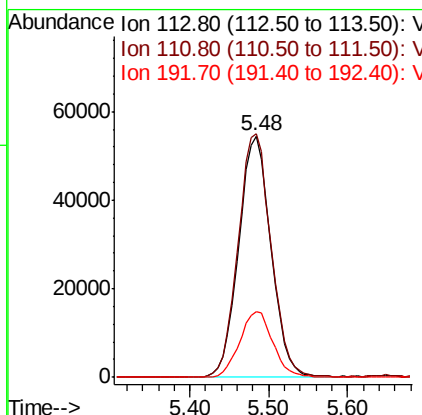
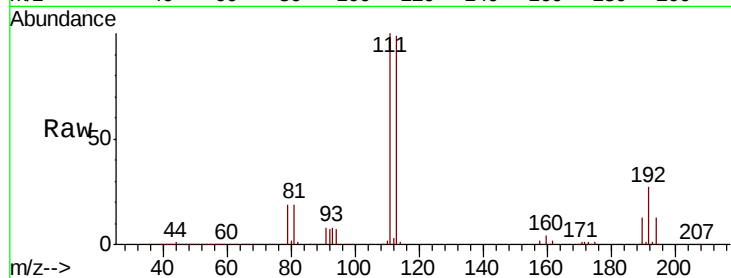




#35
 Dibromofluoromethane
 Concen: 44.872 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX011988.D
 Acq: 01 Sep 2019 13:13

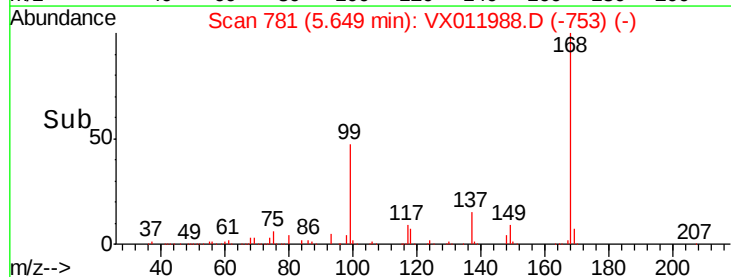
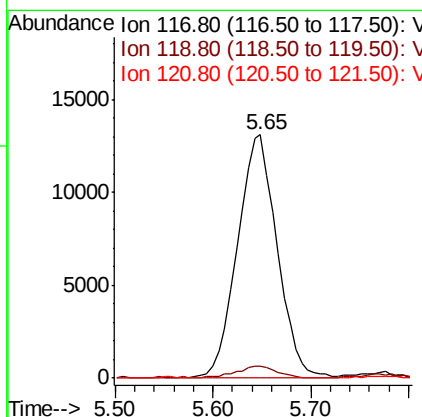
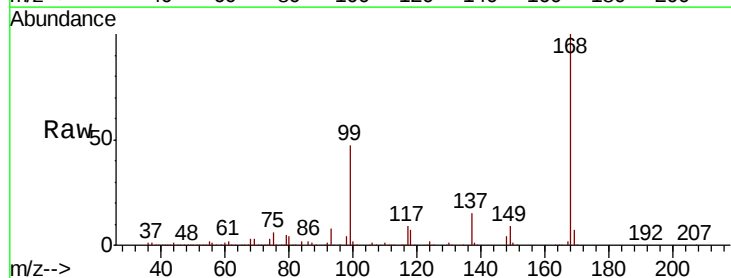
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 MSVOA_X
 ClientSampleId :
 VX0901SBL01

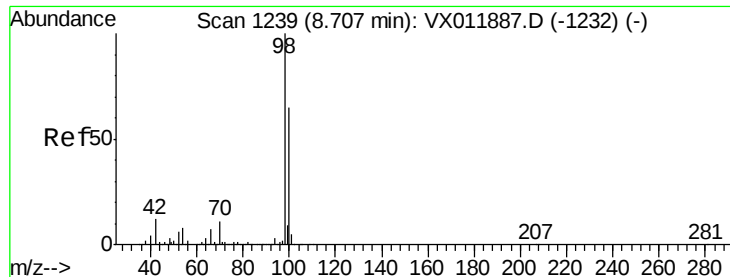
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.1	123.1
192	27.9	21.5	32.3



#38
 Carbon Tetrachloride
 Concen: 7.424 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.13 min
 Lab File: VX011988.D
 Acq: 01 Sep 2019 13:13

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

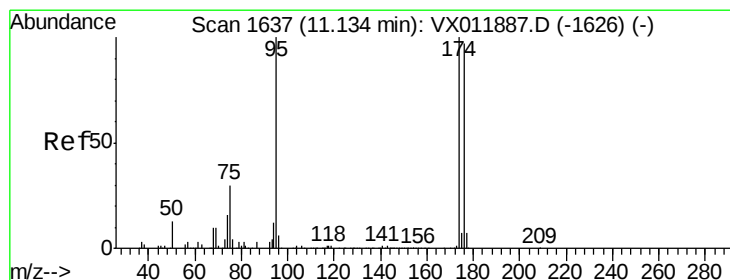
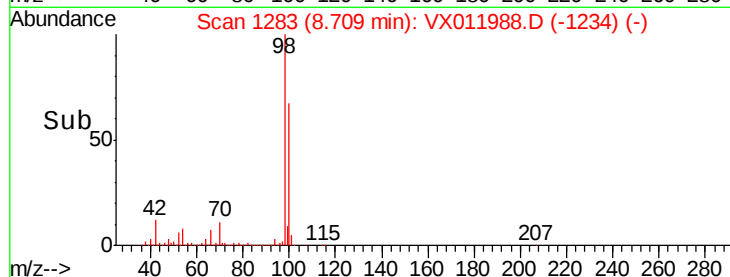
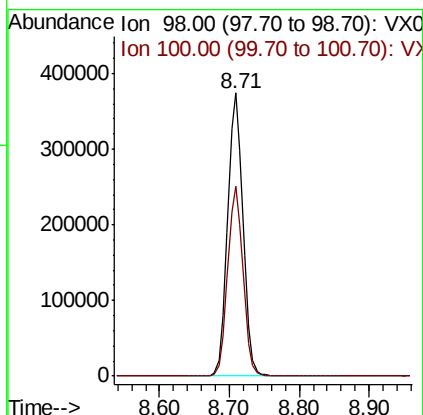
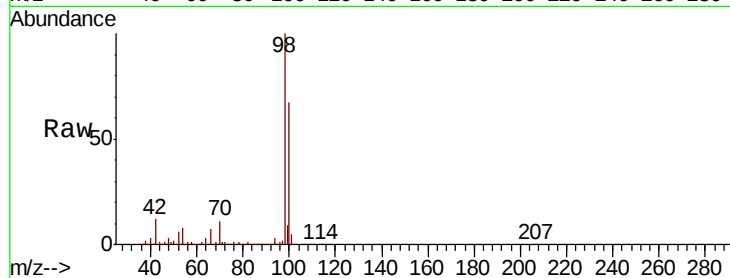




#50
Toluene-d8
Concen: 46.010 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011988.D
Acq: 01 Sep 2019 13:13

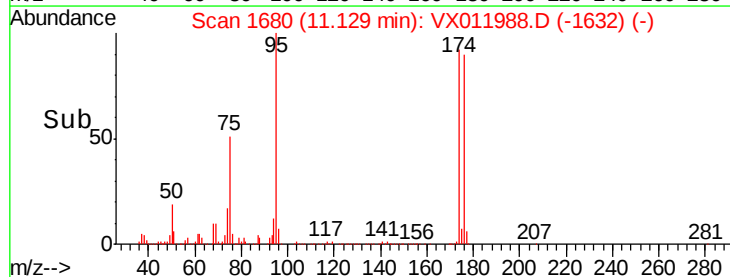
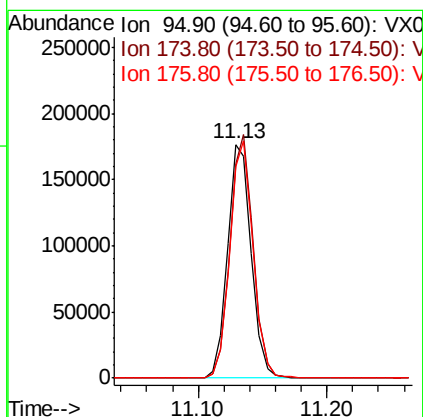
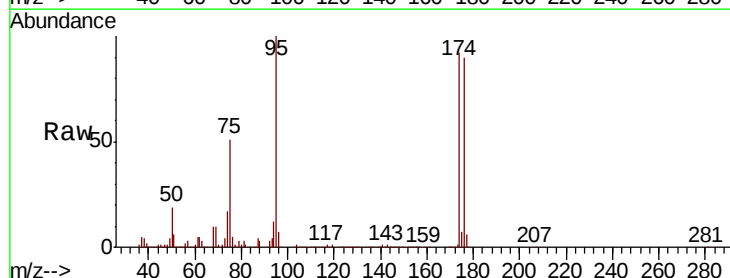
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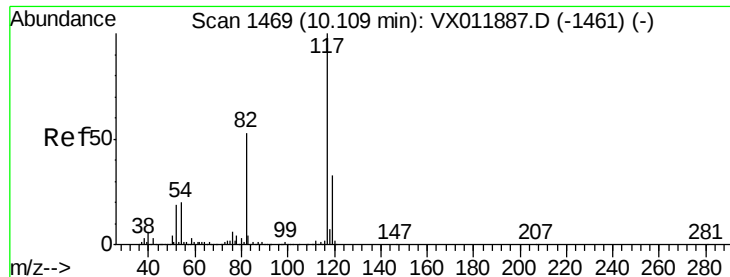
Tgt Ion: 98 Resp: 570074
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 42.029 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX011988.D
Acq: 01 Sep 2019 13:13

Tgt Ion: 95 Resp: 228436
Ion Ratio Lower Upper
95 100
174 102.0 0.0 196.0
176 99.5 0.0 191.4

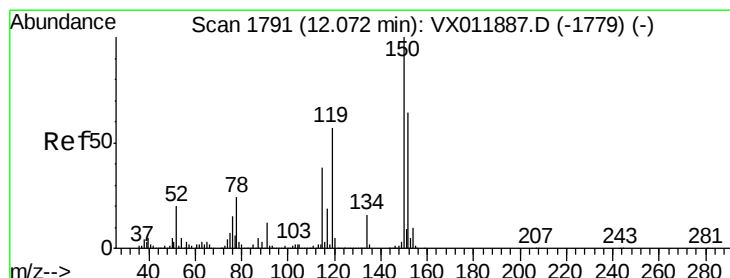
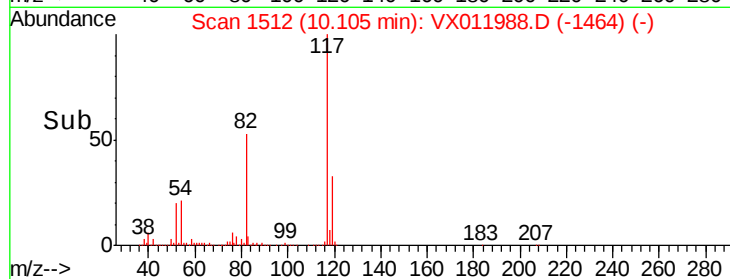
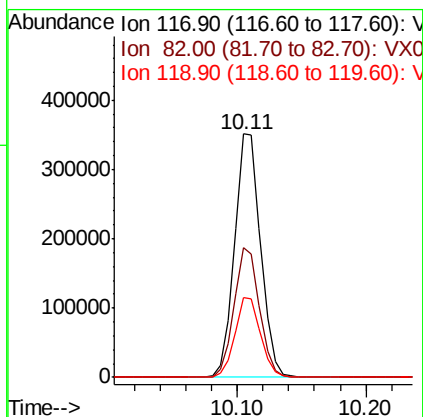
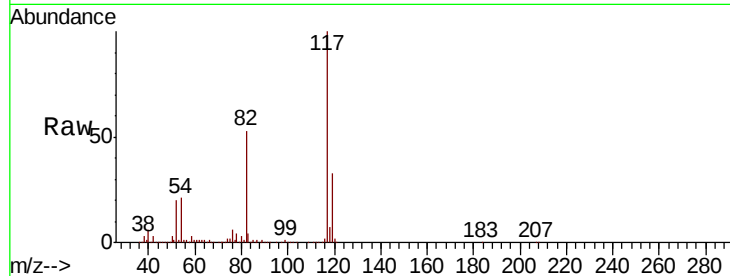




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.00 min
Lab File: VX011988.D
Acq: 01 Sep 2019 13:13

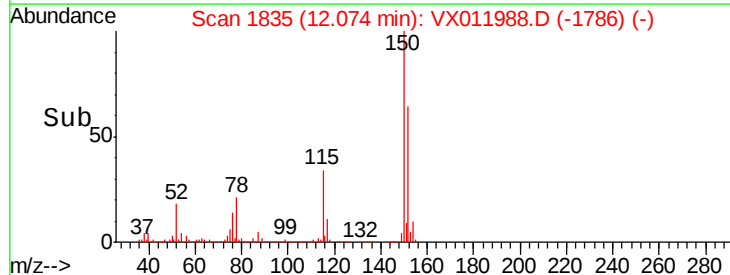
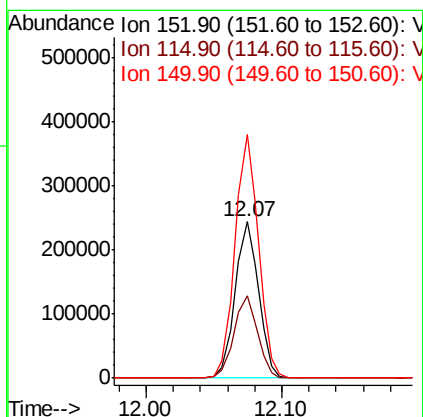
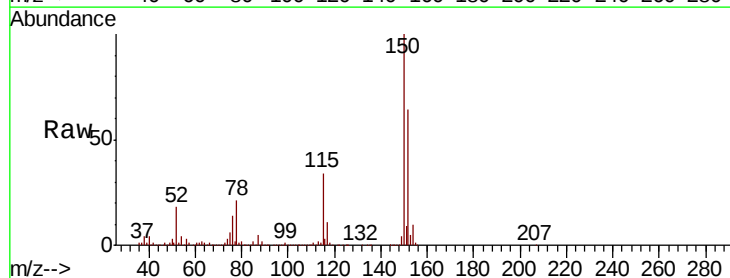
Instrument :
MSVOA_X
ClientSampleId :
VX0901SBL01

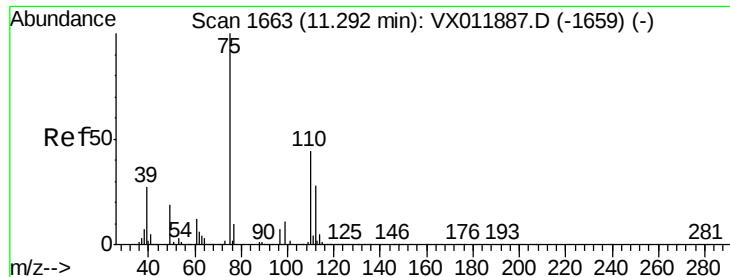
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.4	42.0	63.0
119	32.5	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011988.D
Acq: 01 Sep 2019 13:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.0	37.1	111.3
150	156.2	0.0	339.6





#76

1,2,3-Trichloropropane

Concen: 39.547 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX011988.D

Acq: 01 Sep 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

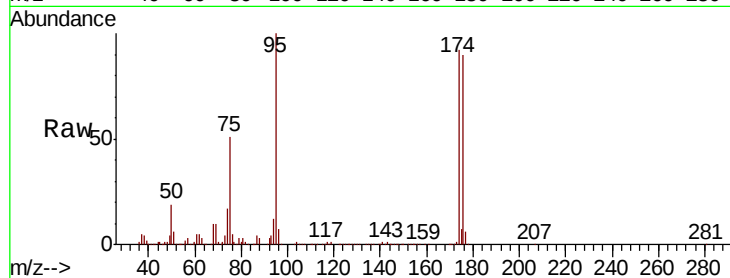
VX0901SBL01

Tgt Ion: 75 Resp: 113412

Ion Ratio Lower Upper

75 100

77 1.2 20.9 62.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.13

100000

80000

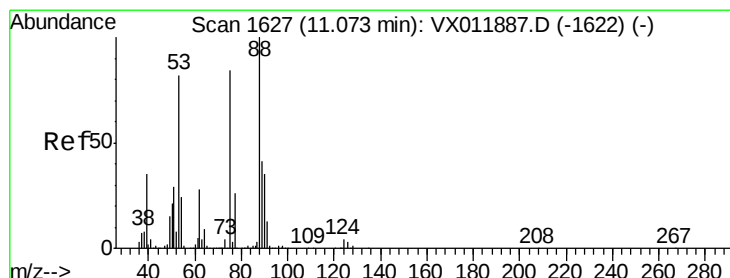
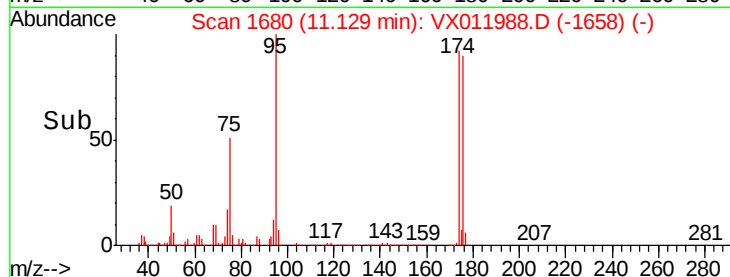
60000

40000

20000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 99.350 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX011988.D

Acq: 01 Sep 2019 13:13

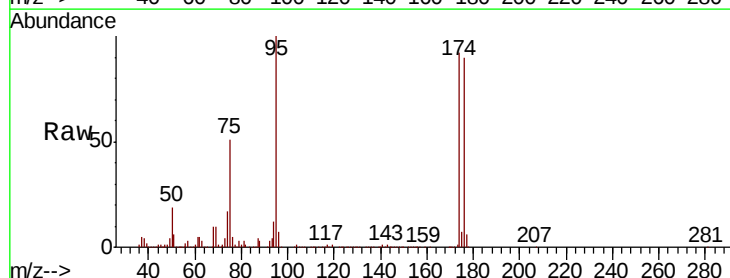
Tgt Ion: 75 Resp: 113412

Ion Ratio Lower Upper

75 100

53 0.2 77.1 115.7#

89 0.0 38.2 57.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

11.13

120000

100000

80000

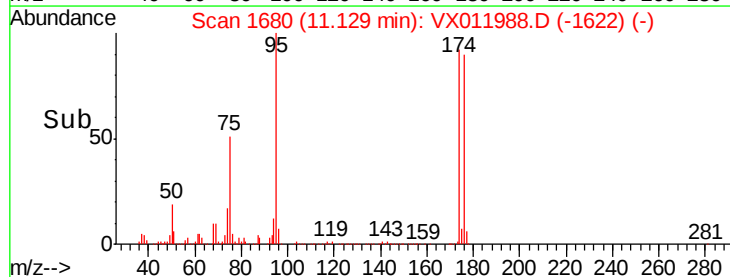
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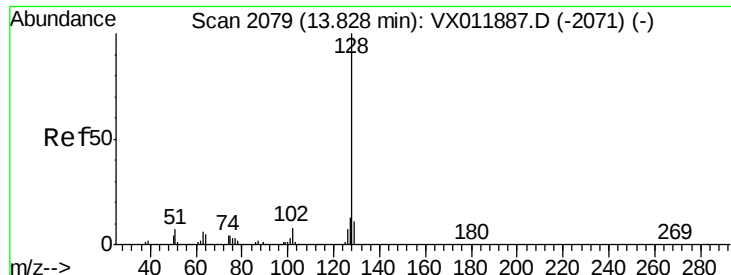
40000

20000

0

Time-->





#95
Naphthalene
Concen: 1.042 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX011988.D
Acq: 01 Sep 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0901SBL01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	11.1	8.8	13.2

