

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
 Data File : VX020367.D
 Acq On : 24 Dec 2020 03:11
 Operator : JC/MD
 Sample : L5095-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 39-MWE7-121420

Quant Time: Dec 24 05:36:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.629	168	247440	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	414269	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	388887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	156826	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	167202	50.41	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.82%
35) Dibromofluoromethane	5.458	113	132873	50.14	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.28%
50) Toluene-d8	8.696	98	506018	49.61	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.22%
62) 4-Bromofluorobenzene	11.122	95	175865	45.05	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.10%

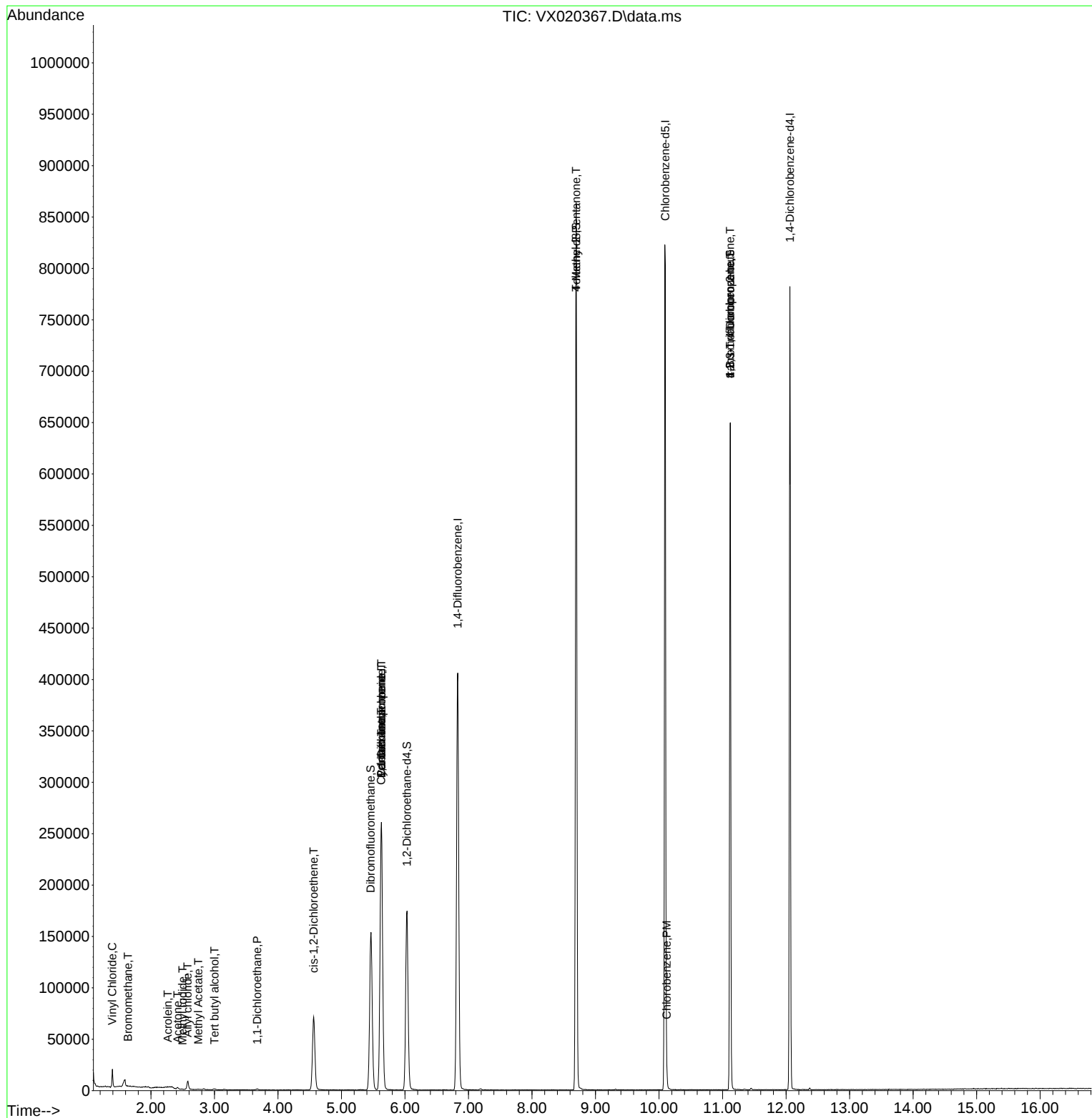
Target Compounds						Qvalue
4) Vinyl Chloride	1.392	62	9240	2.72	ug/l	99
5) Bromomethane	1.636	94	563	0.52	ug/l	86
10) Methyl Iodide	2.496	142	121	3.32	ug/l #	42
11) Tert butyl alcohol	3.002	59	667	0.90	ug/l #	73
13) Acrolein	2.264	56	98	0.21	ug/l #	58
14) Allyl chloride	2.575	41	993	0.22	ug/l #	64
16) Acetone	2.416	43	1716	1.13	ug/l	98
18) Methyl Acetate	2.745	43	706	0.21	ug/l #	66
24) 1,1-Dichloroethane	3.672	63	1258	0.23	ug/l #	81
27) cis-1,2-Dichloroethene	4.562	96	46260	13.36	ug/l	90
31) Cyclohexane	5.623	56	4782	1.05	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	19399	4.74	ug/l #	48
38) Carbon Tetrachloride	5.629	117	24634	6.33	ug/l #	16
51) 4-Methyl-2-Pentanone	8.696	43	2011	0.48	ug/l #	1
65) Chlorobenzene	10.122	112	6194	0.74	ug/l	96
76) 1,2,3-Trichloropropane	11.122	75	84606	21.90	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	84606	64.98	ug/l #	12

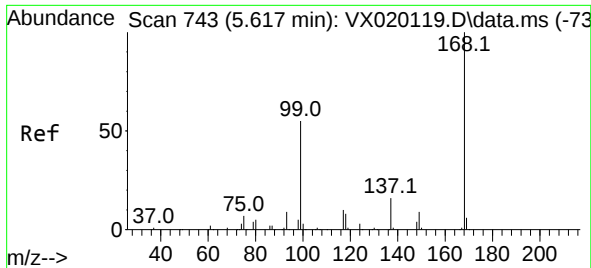
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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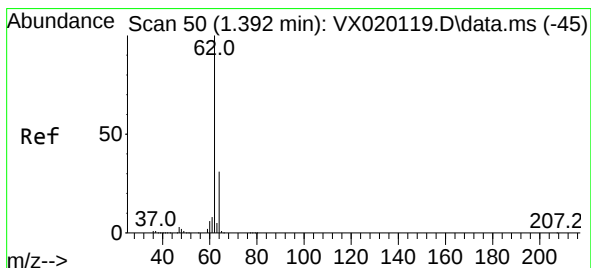
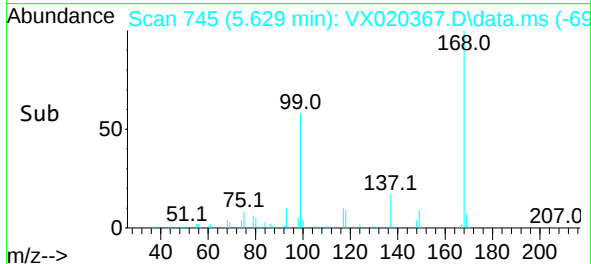
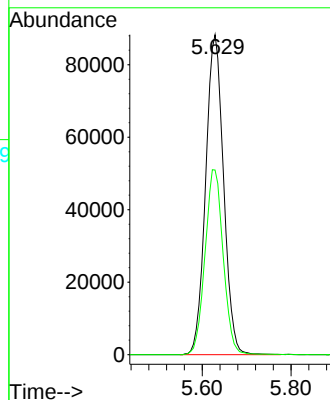
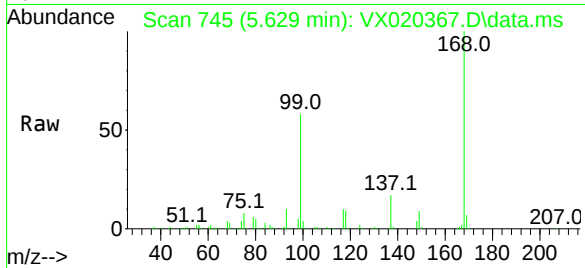




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020367.D
Acq: 24 Dec 2020 03:11

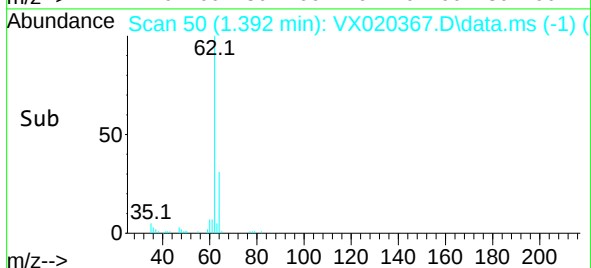
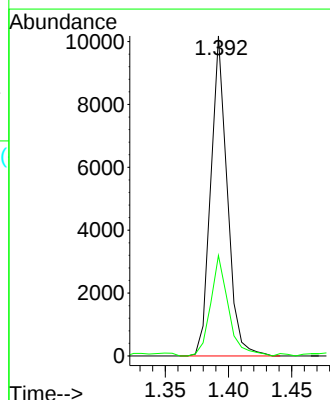
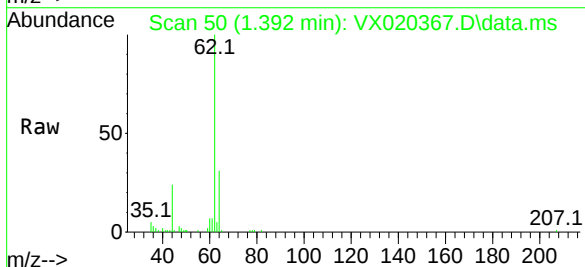
Instrument :
MSVOA_X
ClientSampleId :
39-MWE7-121420

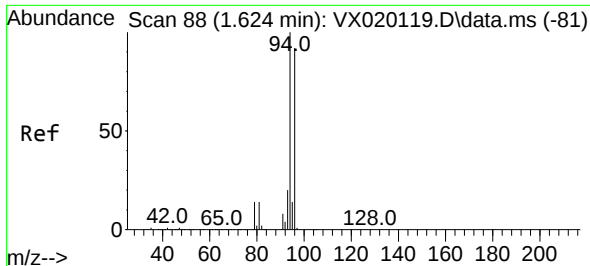
Tgt Ion:168 Resp: 247440
Ion Ratio Lower Upper
168 100
99 57.7 45.8 68.6



#4
Vinyl Chloride
Concen: 2.72 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX020367.D
Acq: 24 Dec 2020 03:11

Tgt Ion: 62 Resp: 9240
Ion Ratio Lower Upper
62 100
64 31.4 25.7 38.5

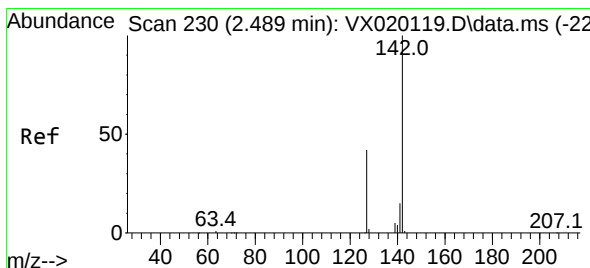
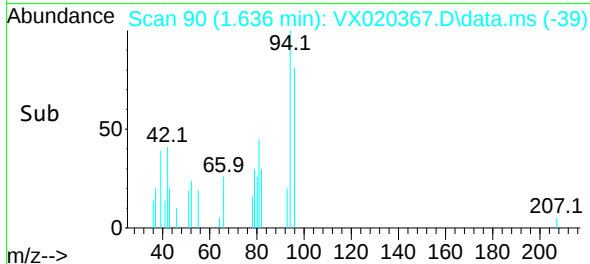
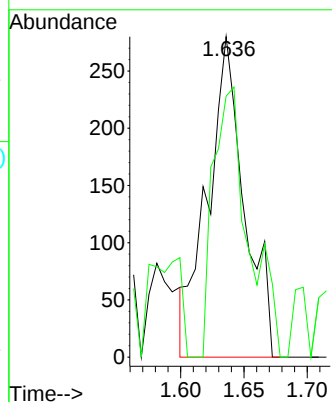
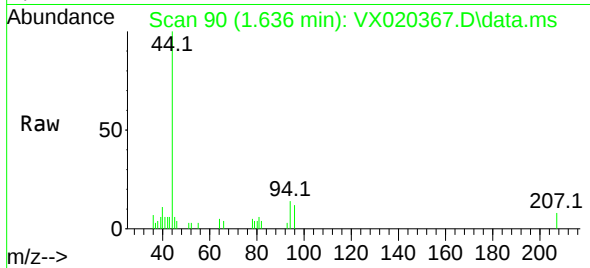




#5
Bromomethane
Concen: 0.52 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020367.D
Acq: 24 Dec 2020 03:11

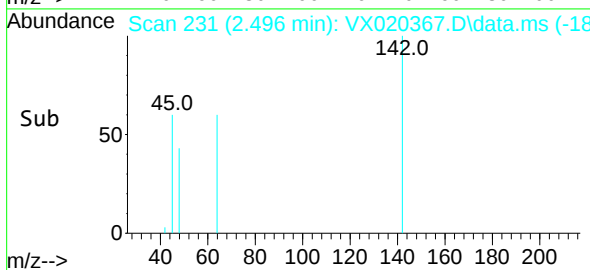
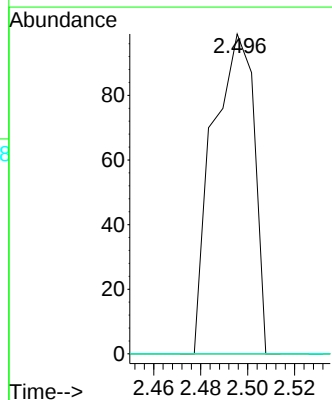
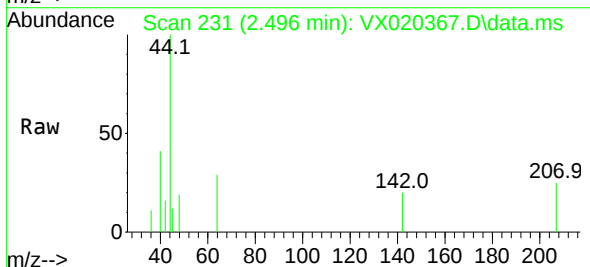
Instrument :
MSVOA_X
ClientSampleId :
39-MWE7-121420

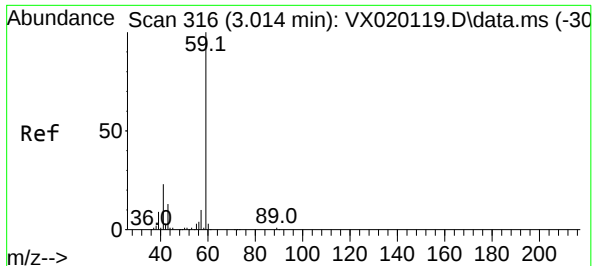
Tgt Ion: 94 Resp: 563
Ion Ratio Lower Upper
94 100
96 81.4 76.4 114.6



#10
Methyl Iodide
Concen: 3.32 ug/l
RT: 2.496 min Scan# 231
Delta R.T. 0.007 min
Lab File: VX020367.D
Acq: 24 Dec 2020 03:11

Tgt Ion: 142 Resp: 121
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



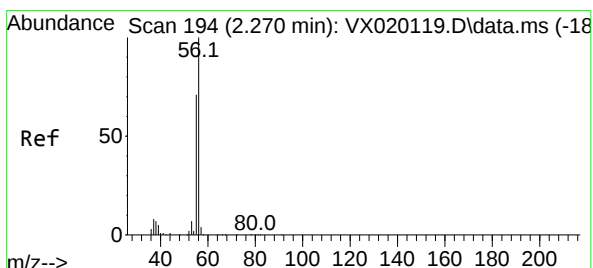
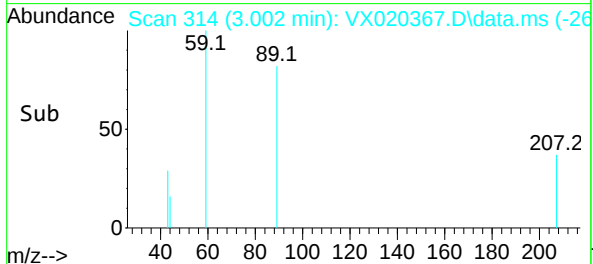
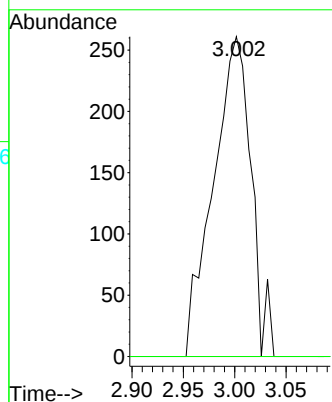
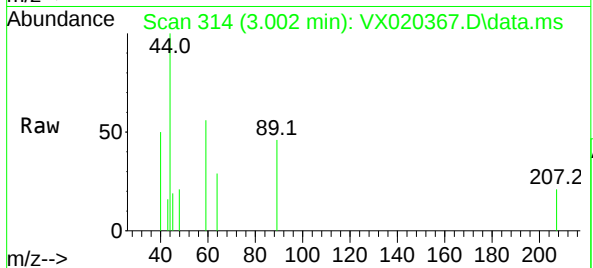


#11

Tert butyl alcohol
Concen: 0.90 ug/l
RT: 3.002 min Scan# 314
Delta R.T. -0.012 min
Lab File: VX020367.D
Acq: 24 Dec 2020 03:11

Instrument :
MSVOA_X
ClientSampleId :
39-MWE7-121420

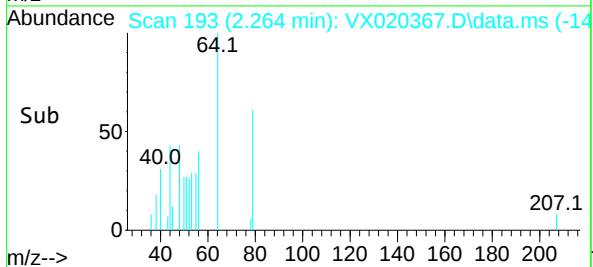
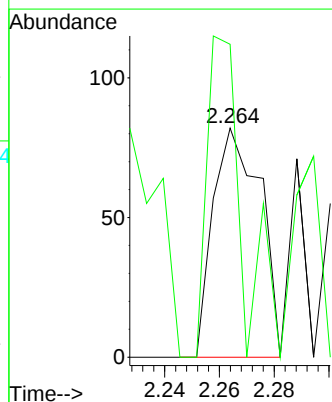
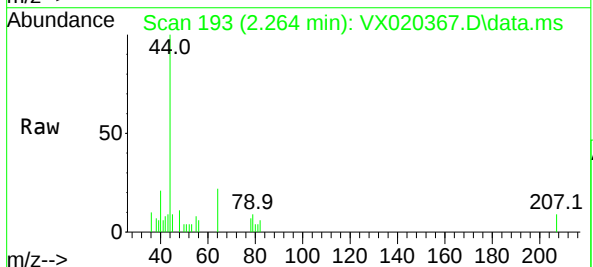
Tgt Ion: 59 Resp: 667
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

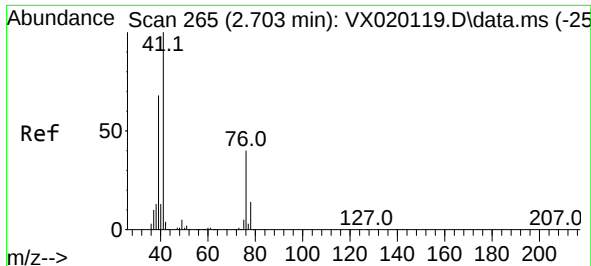


#13

Acrolein
Concen: 0.21 ug/l
RT: 2.264 min Scan# 193
Delta R.T. -0.006 min
Lab File: VX020367.D
Acq: 24 Dec 2020 03:11

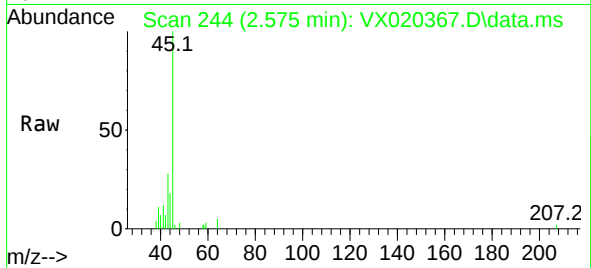
Tgt Ion: 56 Resp: 98
Ion Ratio Lower Upper
56 100
55 105.1 56.4 84.6#



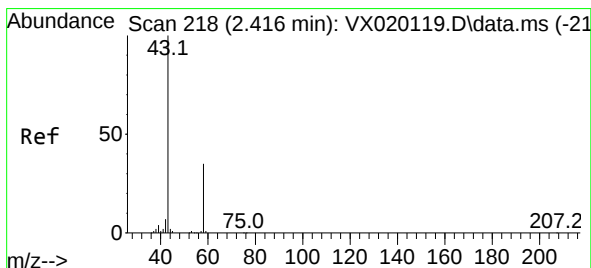
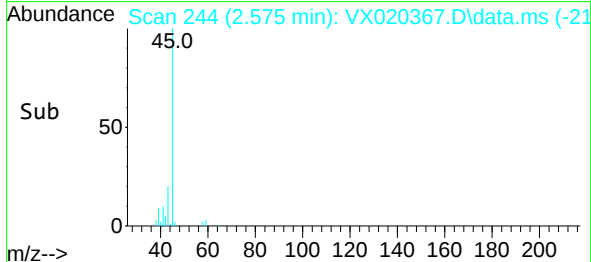
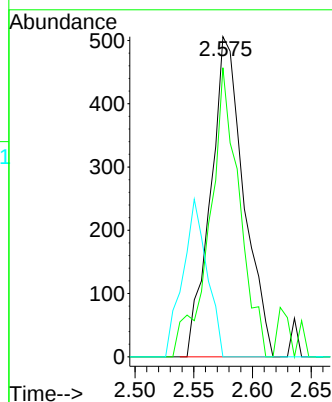


#14
 Allyl chloride
 Concen: 0.22 ug/l
 RT: 2.575 min Scan# 244
 Delta R.T. -0.128 min
 Lab File: VX020367.D
 Acq: 24 Dec 2020 03:11

Instrument :
 MSVOA_X
 ClientSampleId :
 39-MWE7-121420

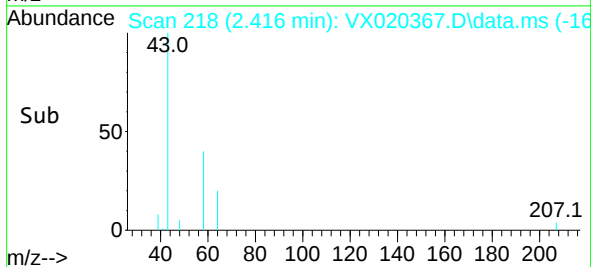
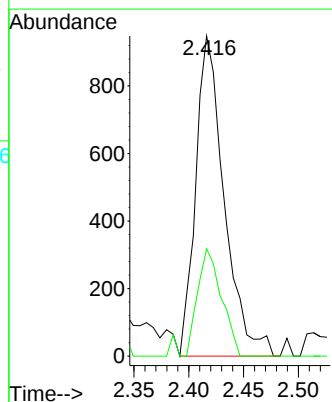
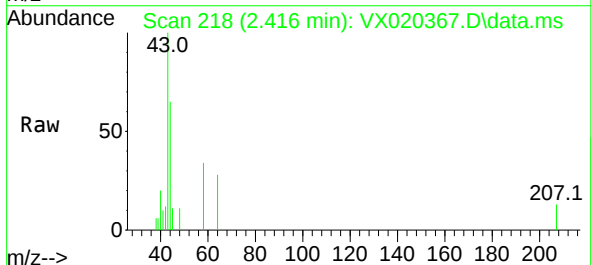


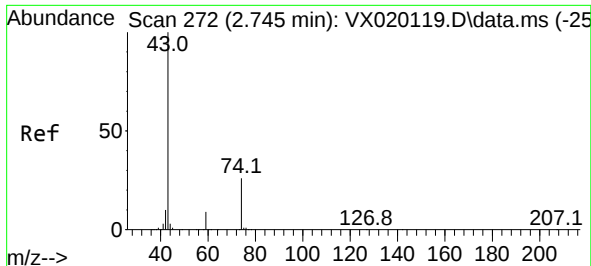
Tgt Ion: 41 Resp: 993
 Ion Ratio Lower Upper
 41 100
 39 80.8 51.6 77.4#
 76 0.0 30.5 45.7#



#16
 Acetone
 Concen: 1.13 ug/l
 RT: 2.416 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VX020367.D
 Acq: 24 Dec 2020 03:11

Tgt Ion: 43 Resp: 1716
 Ion Ratio Lower Upper
 43 100
 58 33.5 27.8 41.8





#18

Methyl Acetate

Concen: 0.21 ug/l

RT: 2.745 min Scan# 272

Delta R.T. 0.000 min

Lab File: VX020367.D

Acq: 24 Dec 2020 03:11

Instrument :

MSVOA_X

ClientSampleId :

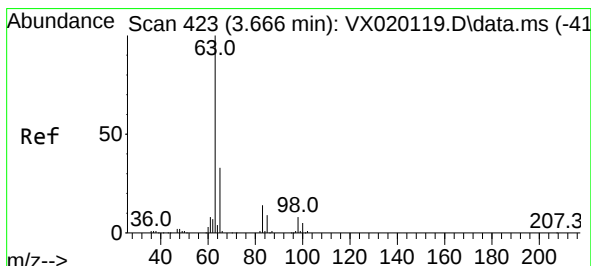
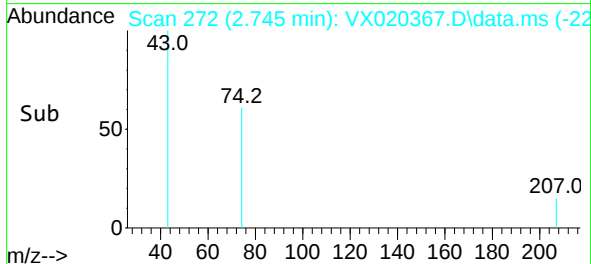
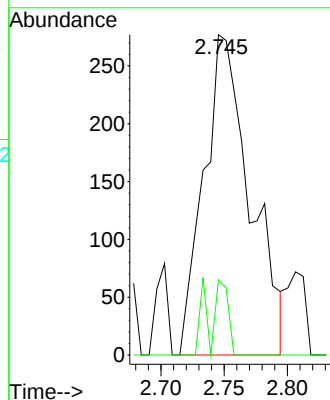
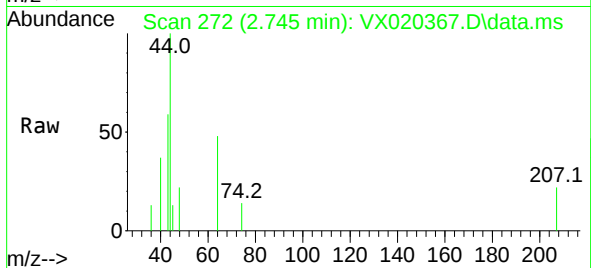
39-MWE7-121420

Tgt Ion: 43 Resp: 706

Ion Ratio Lower Upper

43 100

74 9.8 21.9 32.9#



#24

1,1-Dichloroethane

Concen: 0.23 ug/l

RT: 3.672 min Scan# 424

Delta R.T. 0.006 min

Lab File: VX020367.D

Acq: 24 Dec 2020 03:11

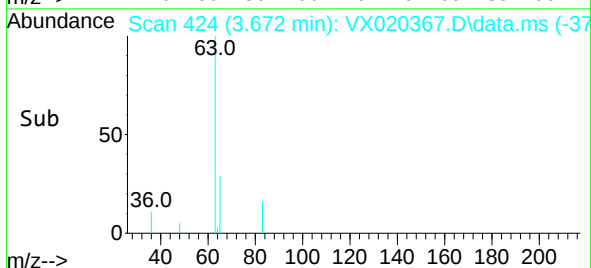
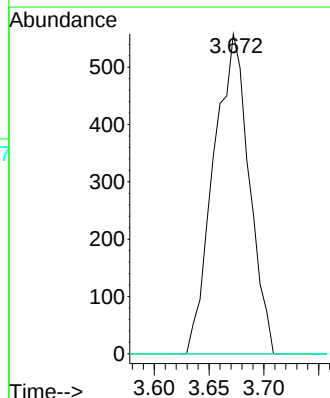
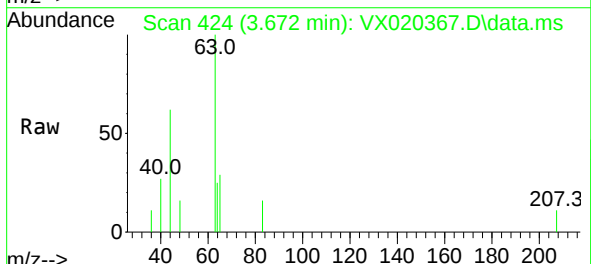
Tgt Ion: 63 Resp: 1258

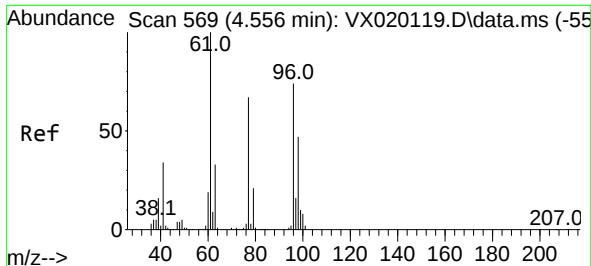
Ion Ratio Lower Upper

63 100

98 0.0 3.8 11.2#

100 0.0 2.5 7.5#

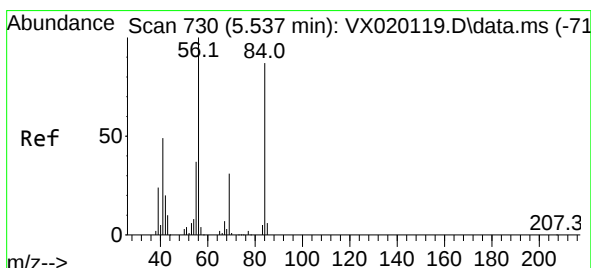
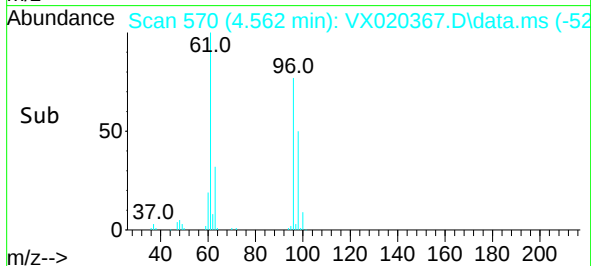
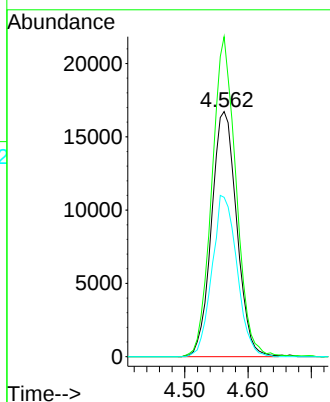
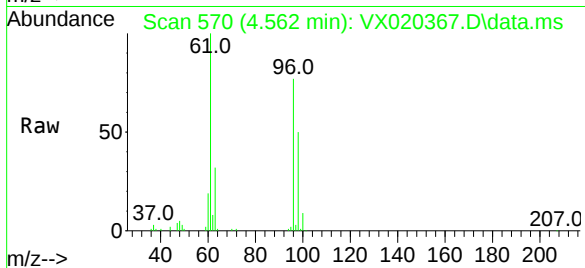




#27
 cis-1,2-Dichloroethene
 Concen: 13.36 ug/l
 RT: 4.562 min Scan# 570
 Delta R.T. 0.006 min
 Lab File: VX020367.D
 Acq: 24 Dec 2020 03:11

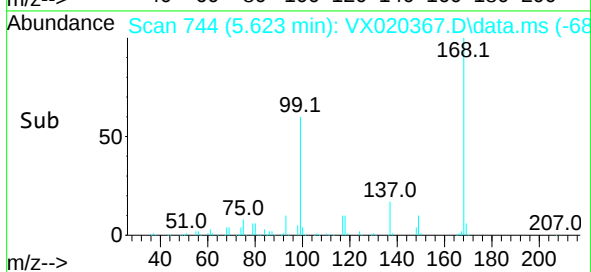
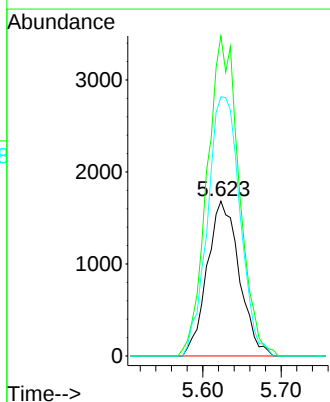
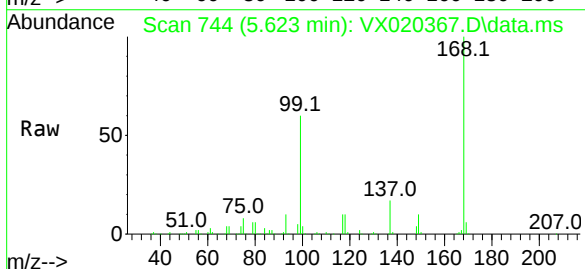
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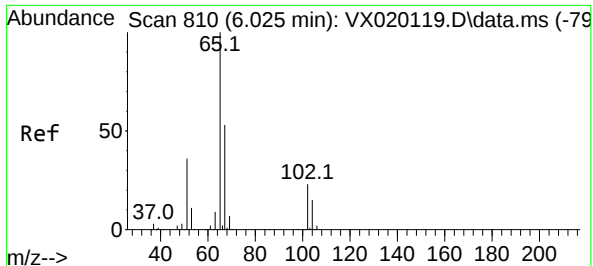
Tgt Ion:	96	Resp:	46260
Ion	Ratio	Lower	Upper
96	100		
61	125.1	0.0	285.6
98	65.2	0.0	129.6



#31
 Cyclohexane
 Concen: 1.05 ug/l
 RT: 5.623 min Scan# 744
 Delta R.T. 0.086 min
 Lab File: VX020367.D
 Acq: 24 Dec 2020 03:11

Tgt Ion:	56	Resp:	4782
Ion	Ratio	Lower	Upper
56	100		
69	206.9	25.3	37.9#
84	167.6	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.41 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020367.D

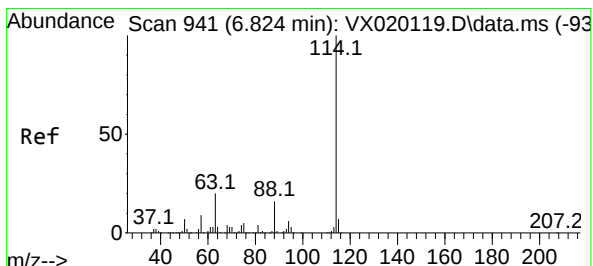
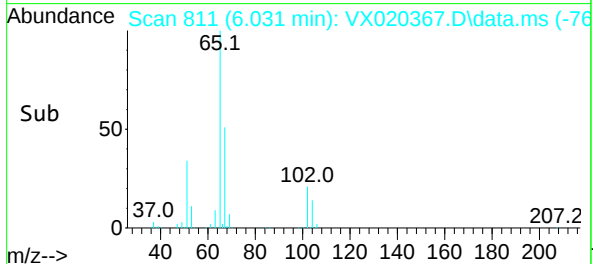
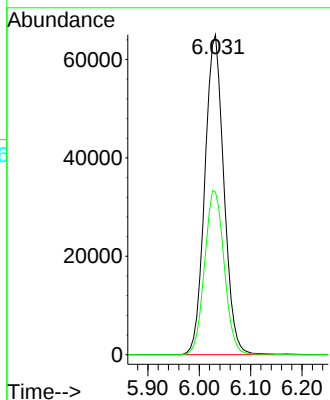
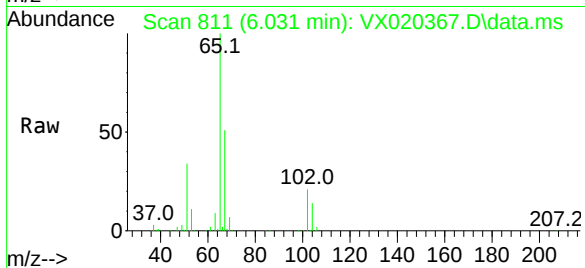
Acq: 24 Dec 2020 03:11

Tgt Ion: 65 Resp: 167202

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.006 min

Lab File: VX020367.D

Acq: 24 Dec 2020 03:11

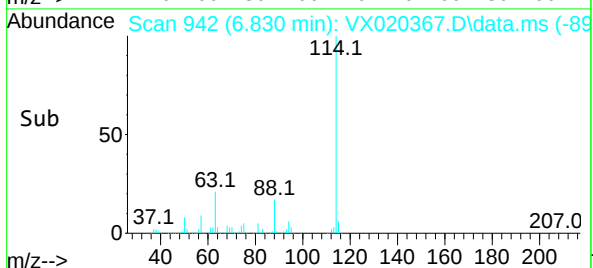
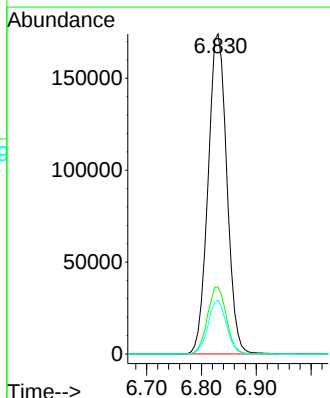
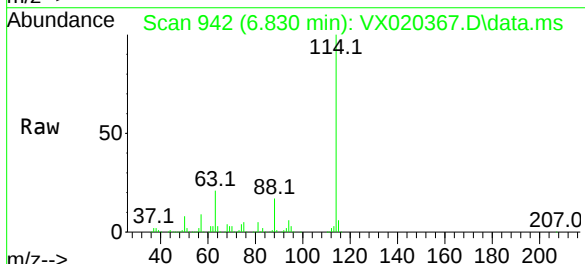
Tgt Ion: 114 Resp: 414269

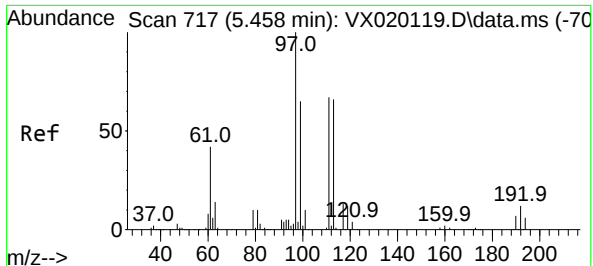
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.14 ug/l

RT: 5.458 min Scan# 717

Delta R.T. 0.000 min

Lab File: VX020367.D

Acq: 24 Dec 2020 03:11

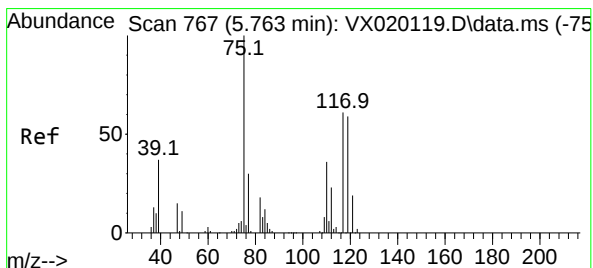
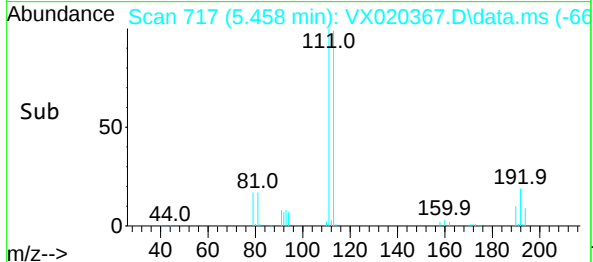
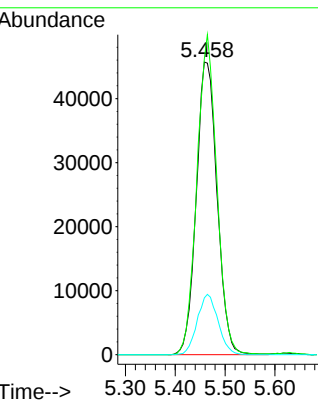
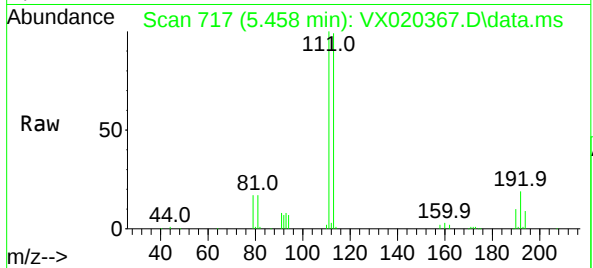
Tgt Ion:113 Resp: 132873

Ion Ratio Lower Upper

113 100

111 104.3 81.9 122.9

192 20.5 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.74 ug/l

RT: 5.629 min Scan# 745

Delta R.T. -0.134 min

Lab File: VX020367.D

Acq: 24 Dec 2020 03:11

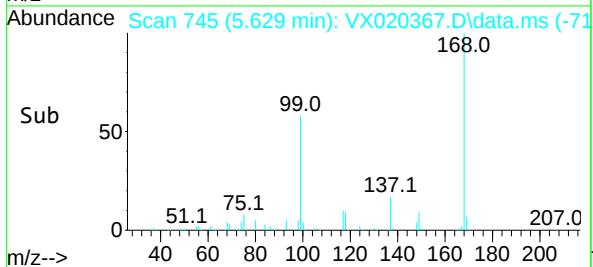
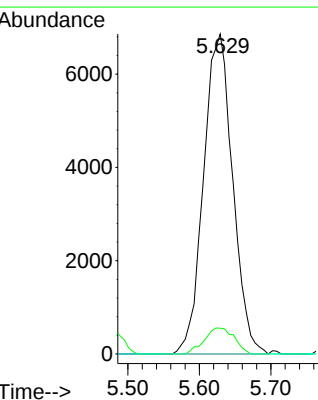
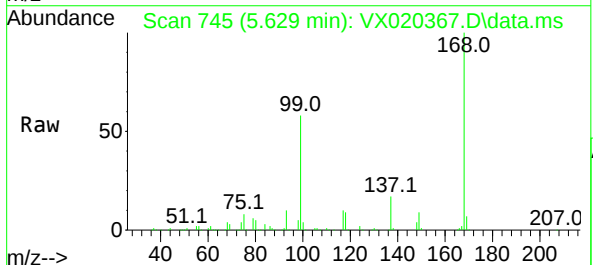
Tgt Ion: 75 Resp: 19399

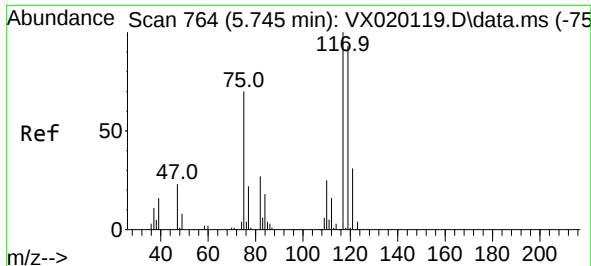
Ion Ratio Lower Upper

75 100

110 8.3 18.1 54.4#

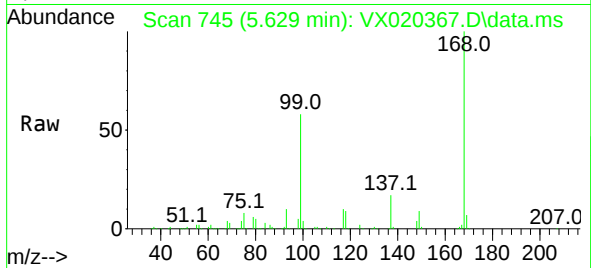
77 0.0 25.3 37.9#



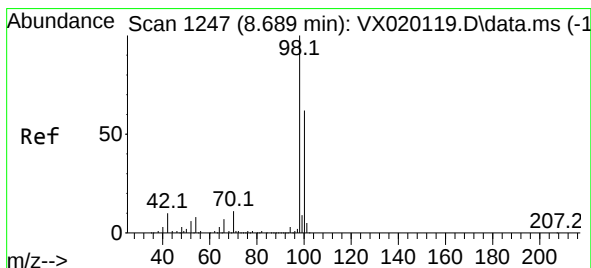
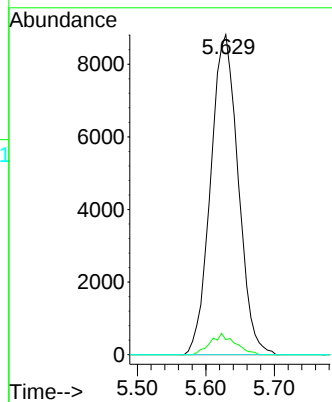
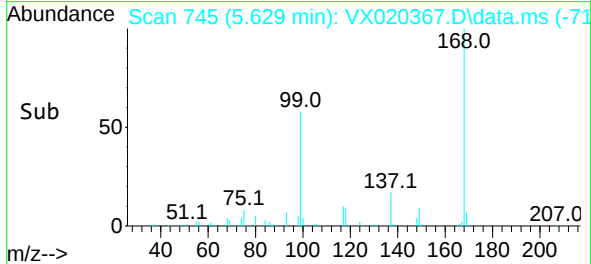


#38
Carbon Tetrachloride
Concen: 6.33 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020367.D
Acq: 24 Dec 2020 03:11

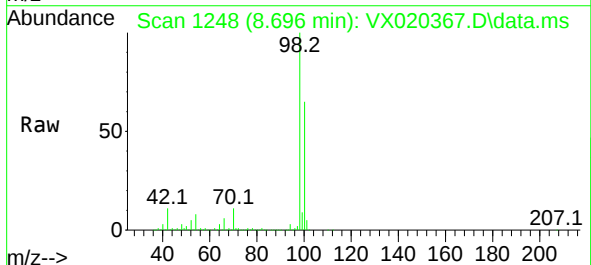
Instrument :
MSVOA_X
ClientSampleId :
39-MWE7-121420



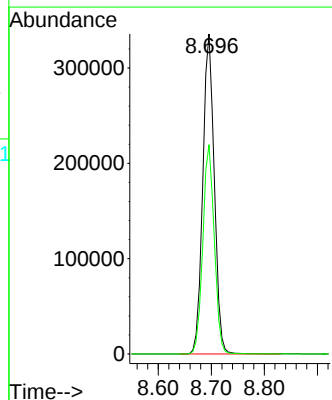
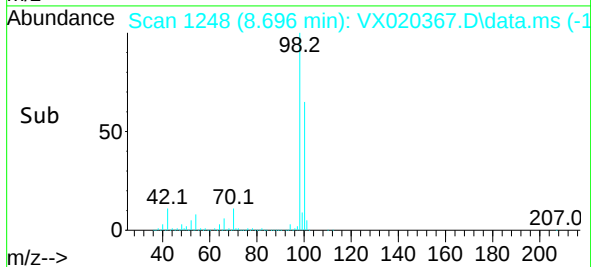
Tgt Ion:117 Resp: 24634
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#

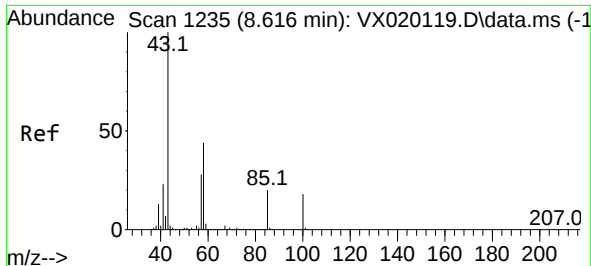


#50
Toluene-d8
Concen: 49.61 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020367.D
Acq: 24 Dec 2020 03:11



Tgt Ion: 98 Resp: 506018
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9

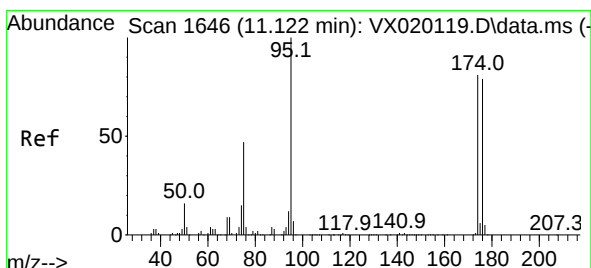
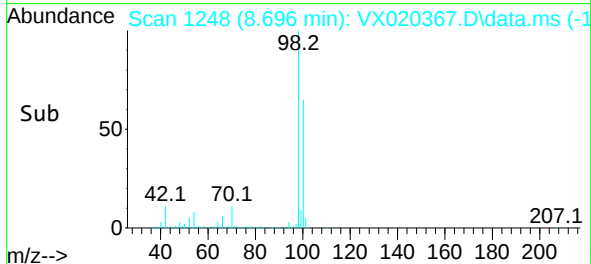
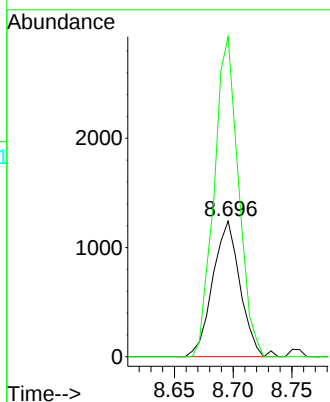
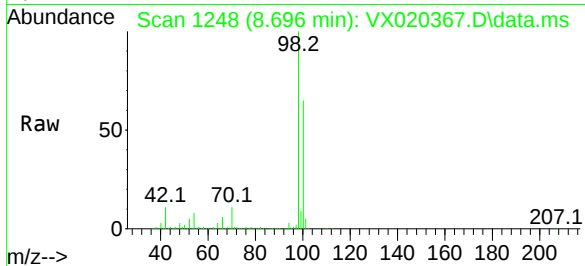




#51
4-Methyl-2-Pentanone
Concen: 0.48 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.080 min
Lab File: VX020367.D
Acq: 24 Dec 2020 03:11

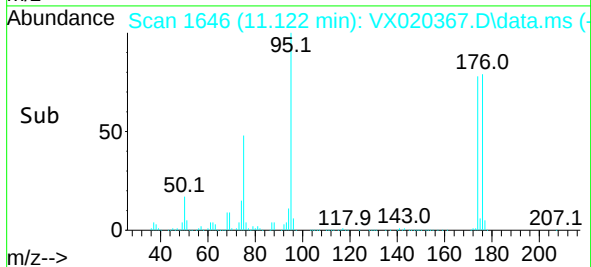
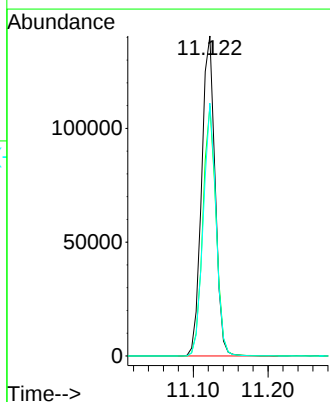
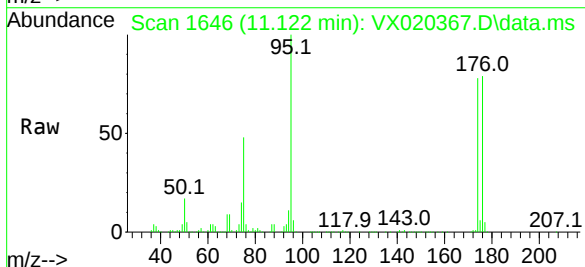
Instrument :
MSVOA_X
ClientSampleId :
39-MWE7-121420

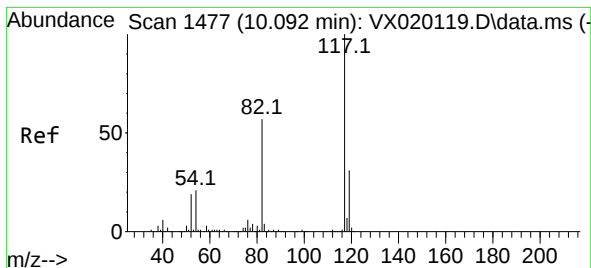
Tgt Ion: 43 Resp: 2011
Ion Ratio Lower Upper
43 100
58 210.8 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 45.05 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020367.D
Acq: 24 Dec 2020 03:11

Tgt Ion: 95 Resp: 175865
Ion Ratio Lower Upper
95 100
174 76.2 0.0 154.6
176 74.9 0.0 155.8

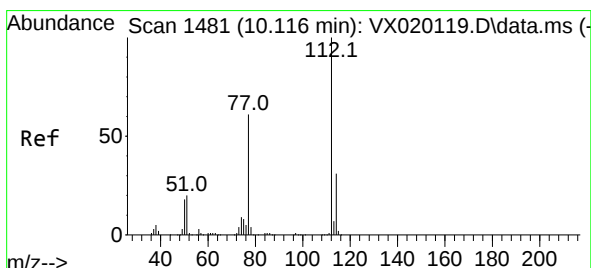
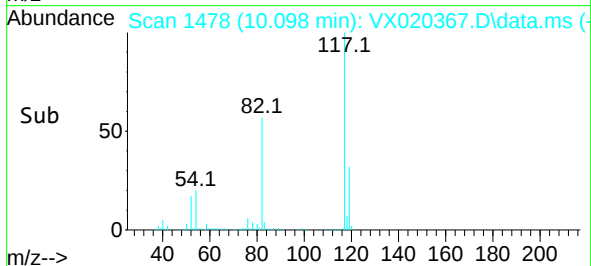
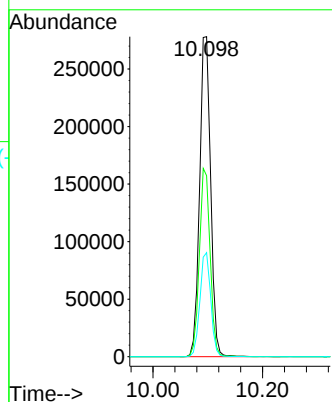
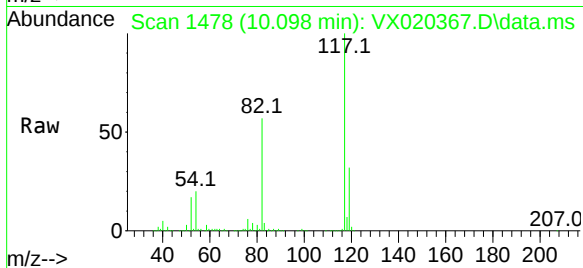




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020367.D
Acq: 24 Dec 2020 03:11

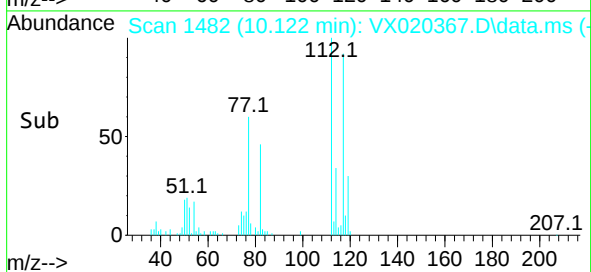
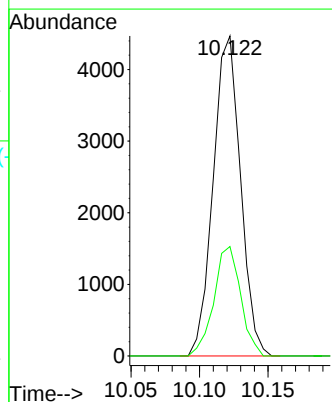
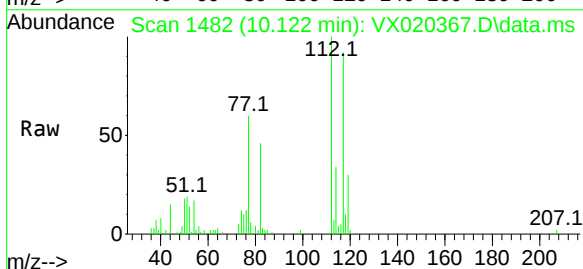
Instrument :
MSVOA_X
ClientSampleId :
39-MWE7-121420

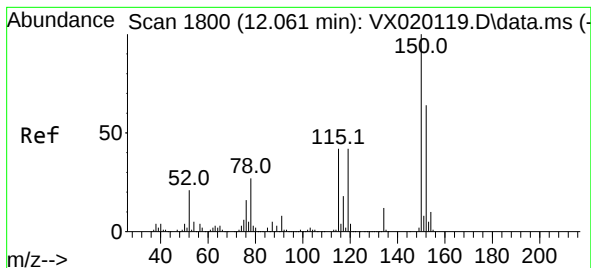
Tgt Ion:117 Resp: 388887
Ion Ratio Lower Upper
117 100
82 56.6 47.4 71.2
119 32.5 26.6 39.8



#65
Chlorobenzene
Concen: 0.74 ug/l
RT: 10.122 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VX020367.D
Acq: 24 Dec 2020 03:11

Tgt Ion:112 Resp: 6194
Ion Ratio Lower Upper
112 100
114 34.2 25.8 38.6

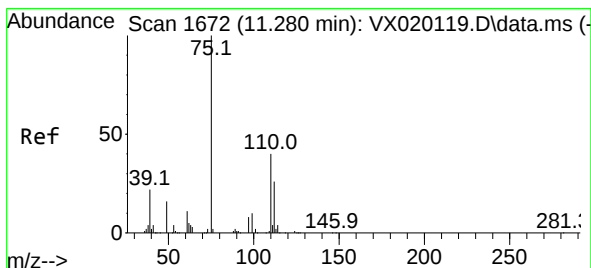
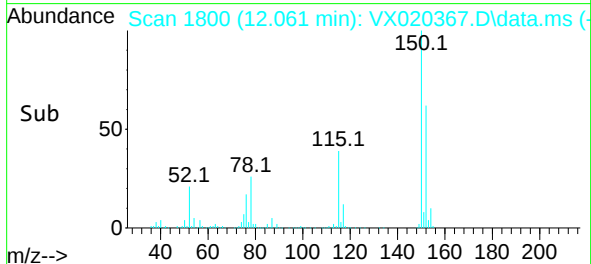
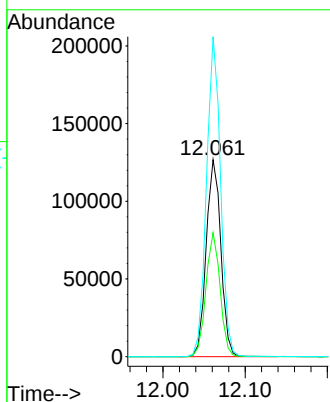
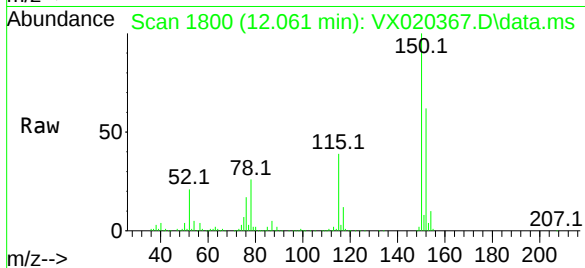




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020367.D
Acq: 24 Dec 2020 03:11

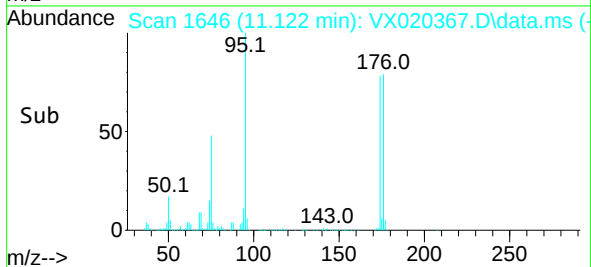
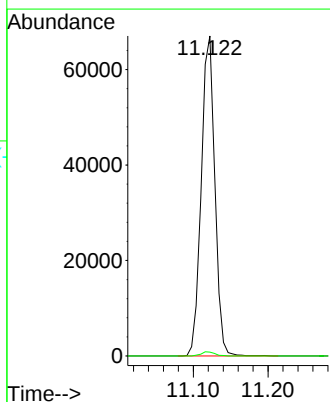
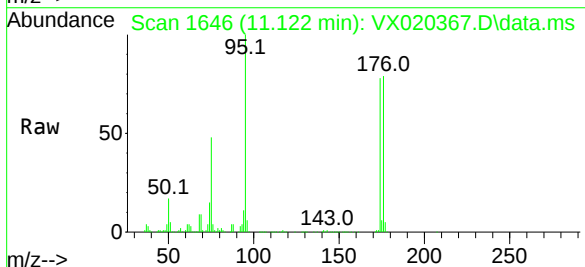
Instrument :
MSVOA_X
ClientSampleId :
39-MWE7-121420

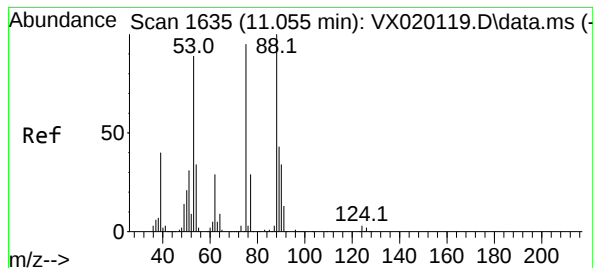
Tgt Ion:152 Resp: 156826
Ion Ratio Lower Upper
152 100
115 60.7 41.1 123.3
150 156.1 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.90 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020367.D
Acq: 24 Dec 2020 03:11

Tgt Ion: 75 Resp: 84606
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81

trans-1,4-Dichloro-2-butene

Concen: 64.98 ug/l

RT: 11.122 min Scan# 1646

Delta R.T. 0.067 min

Lab File: VX020367.D

Acq: 24 Dec 2020 03:11

Tgt Ion: 75 Resp: 84606

Ion Ratio Lower Upper

75 100

53 0.2 74.5 111.7#

89 0.0 37.9 56.9#

Instrument :

MSVOA_X

ClientSampleId :

39-MWE7-121420

