

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060221\
 Data File : VX022346.D
 Acq On : 02 Jun 2021 18:12
 Operator : JC/MD
 Sample : M2572-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 48BR-20210528

Quant Time: Jun 03 02:22:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

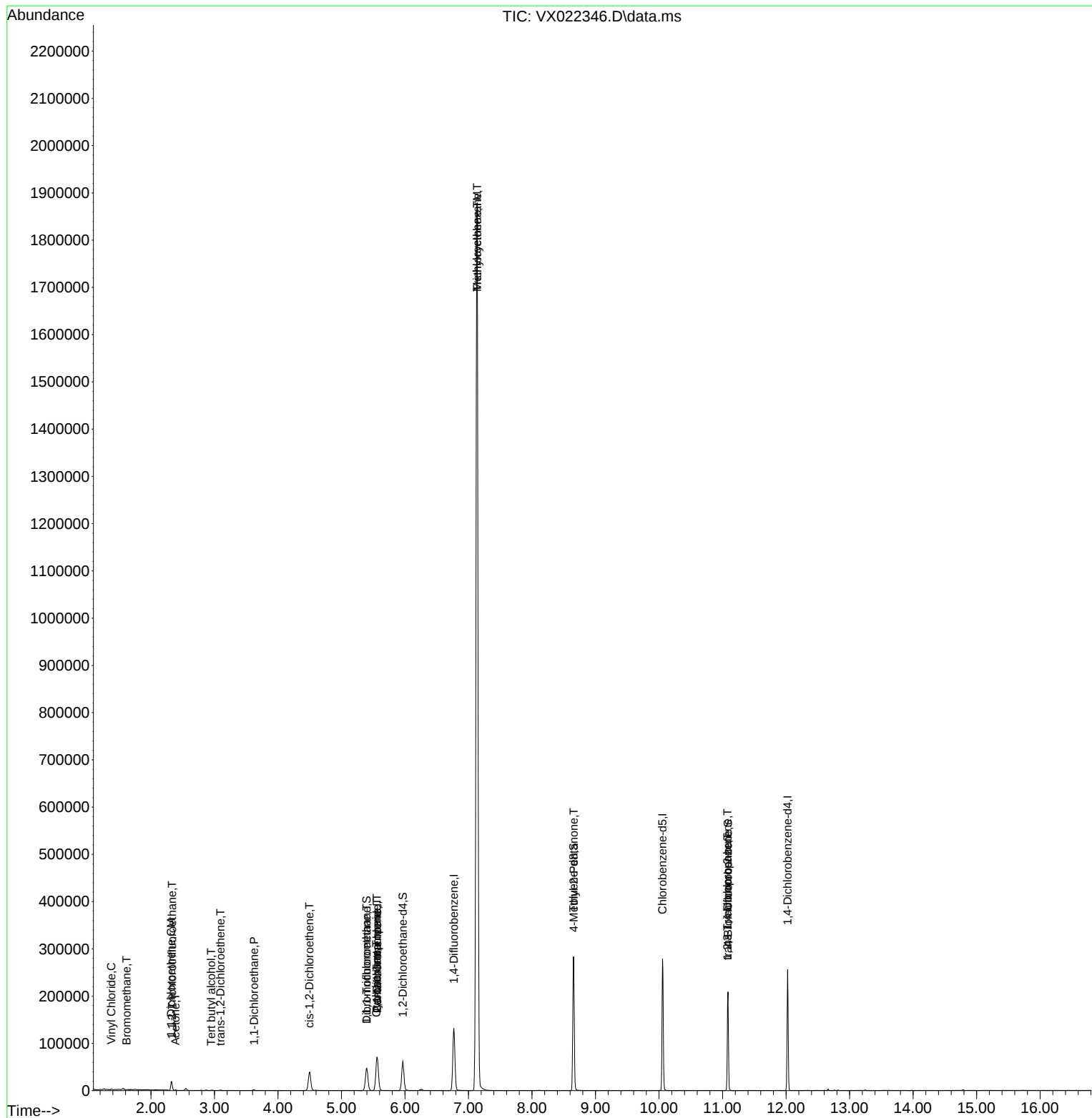
Internal Standards						
1) Pentafluorobenzene	5.562	168	61163	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	130403	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45229	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54531	57.80	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	115.60%
35) Dibromofluoromethane	5.397	113	39644	47.94	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.88%
50) Toluene-d8	8.653	98	161622	50.74	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.48%
62) 4-Bromofluorobenzene	11.085	95	57604	48.92	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.84%
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.374	62	777	0.92	ug/l	94
5) Bromomethane	1.618	94	175	0.35	ug/l	# 34
9) 1,1,2-Trichlorotrifluo...	2.331	101	1708	2.36	ug/l	88
11) Tert butyl alcohol	2.947	59	584	2.71	ug/l	# 73
12) 1,1-Dichloroethene	2.319	96	5359	7.64	ug/l	96
16) Acetone	2.386	43	1308	3.18	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	511	0.67	ug/l	# 59
24) 1,1-Dichloroethane	3.623	63	2117	1.45	ug/l	# 81
27) cis-1,2-Dichloroethene	4.495	96	23985	25.87	ug/l	91
31) Cyclohexane	5.550	56	1830	1.54	ug/l	# 31
32) 1,1,1-Trichloroethane	5.397	97	471	0.37	ug/l	# 39
36) 1,1-Dichloropropene	5.556	75	6041	5.01	ug/l	# 46
38) Carbon Tetrachloride	5.556	117	7145	6.06	ug/l	# 14
39) Methylcyclohexane	7.135	83	8952	6.55	ug/l	# 1
44) Trichloroethene	7.135	130	665847	722.21	ug/l	96
51) 4-Methyl-2-Pentanone	8.659	43	799	0.55	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	29720	26.64	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	29720	63.11	ug/l	# 12

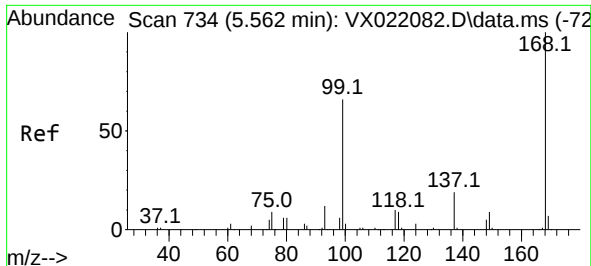
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :
48BR-20210528

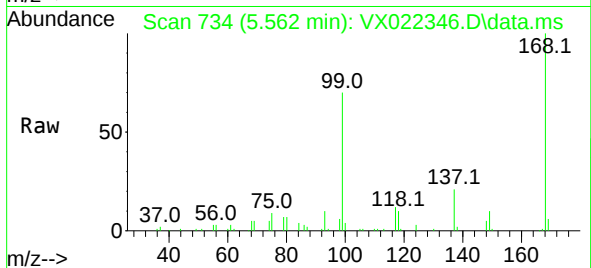
Quant Time: Jun 03 02:22:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



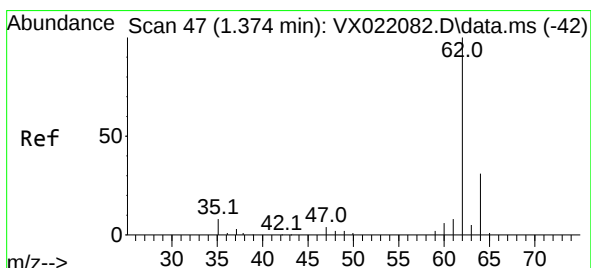
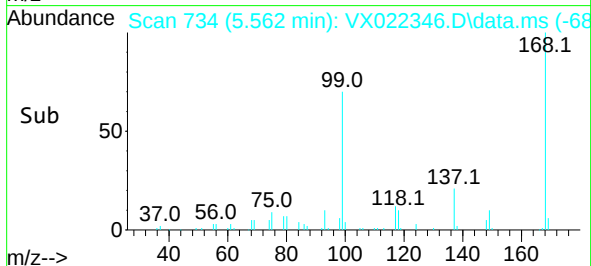
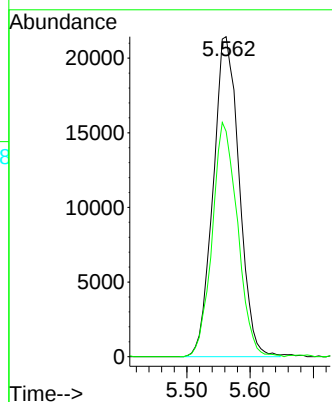


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022346.D
Acq: 02 Jun 2021 18:12

Instrument :
MSVOA_X
ClientSampleId :
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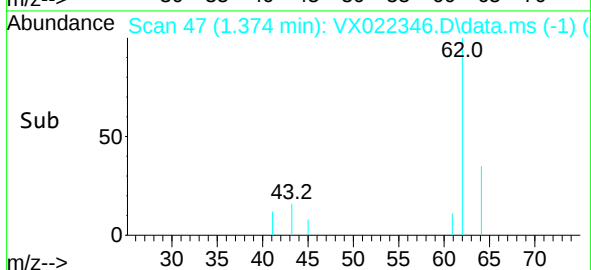
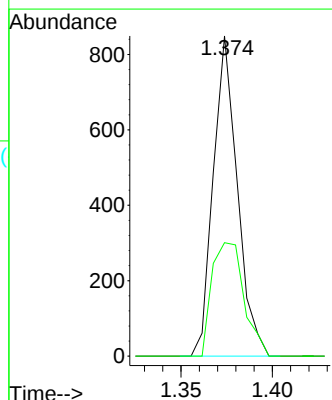
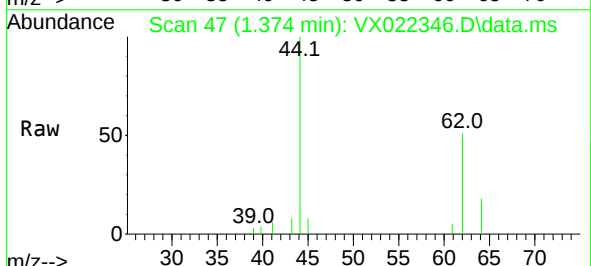


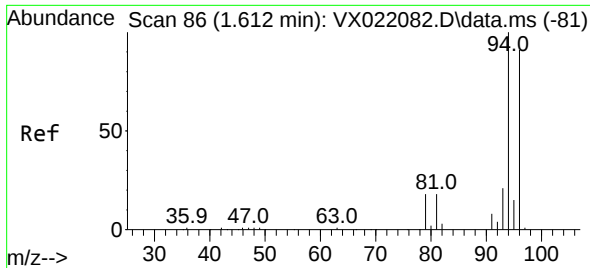
Tgt Ion:168 Resp: 61163
Ion Ratio Lower Upper
168 100
99 70.4 45.8 68.6#



#4
Vinyl Chloride
Concen: 0.92 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX022346.D
Acq: 02 Jun 2021 18:12

Tgt Ion: 62 Resp: 777
Ion Ratio Lower Upper
62 100
64 35.5 25.7 38.5

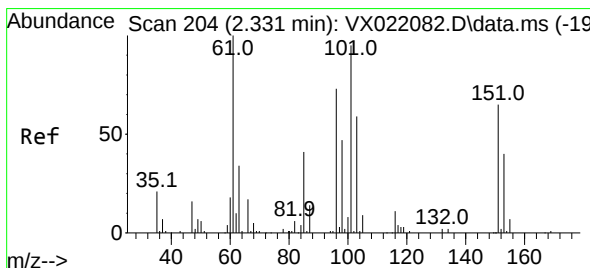
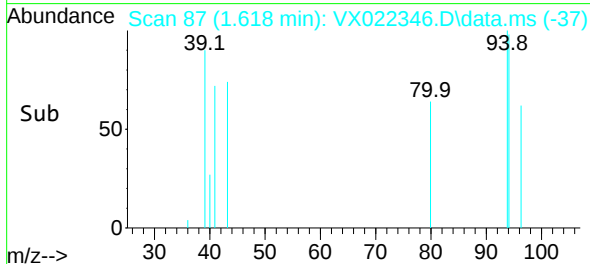
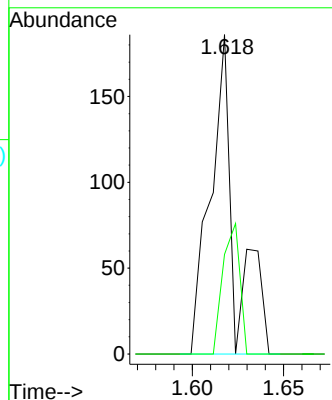
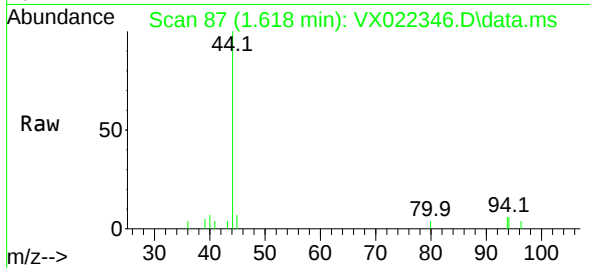




#5
Bromomethane
Concen: 0.35 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX022346.D
Acq: 02 Jun 2021 18:12

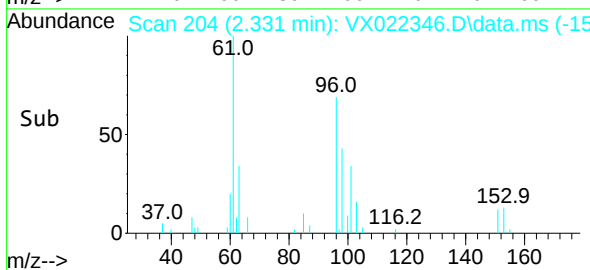
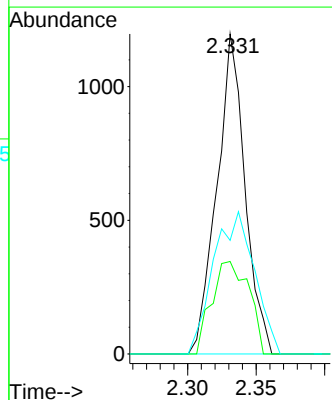
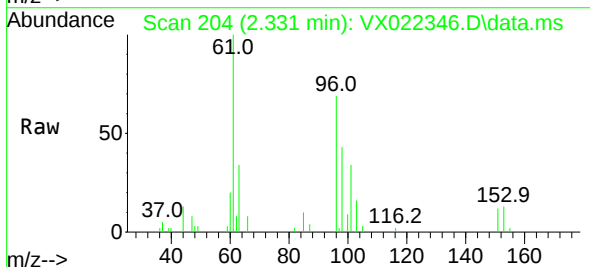
Instrument :
MSVOA_X
ClientSampleId :
48BR-20210528

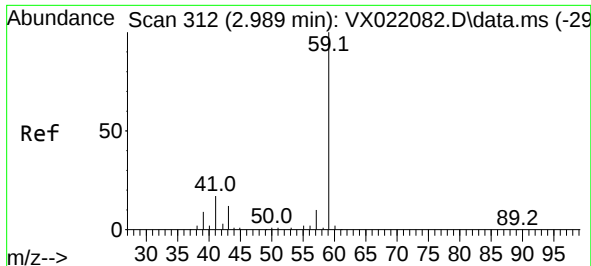
Tgt Ion: 94 Resp: 175
Ion Ratio Lower Upper
94 100
96 31.2 76.4 114.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.36 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX022346.D
Acq: 02 Jun 2021 18:12

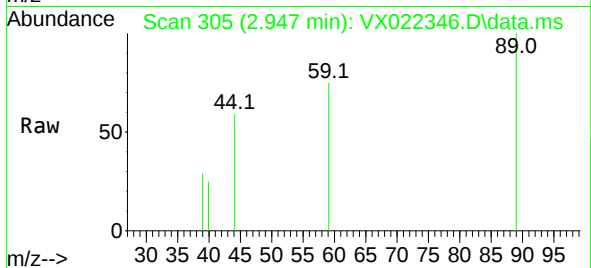
Tgt Ion: 101 Resp: 1708
Ion Ratio Lower Upper
101 100
85 38.1 34.9 52.3
151 64.8 61.4 92.2



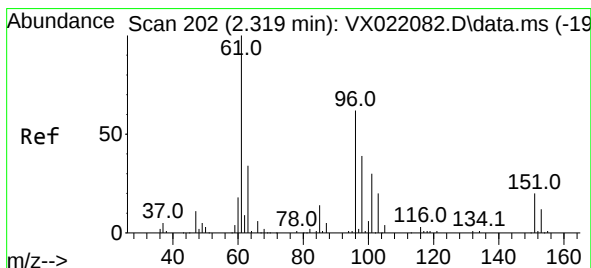
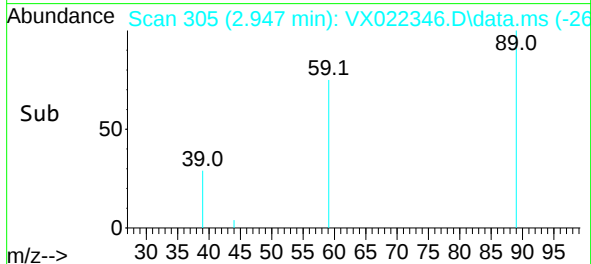
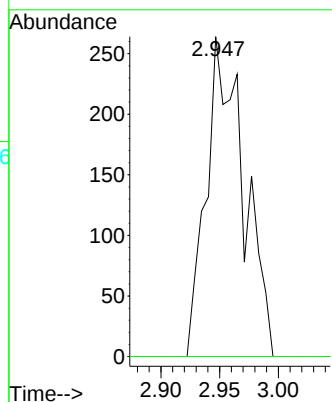


#11
Tert butyl alcohol
Concen: 2.71 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX022346.D
Acq: 02 Jun 2021 18:12

Instrument :
MSVOA_X
ClientSampleId :
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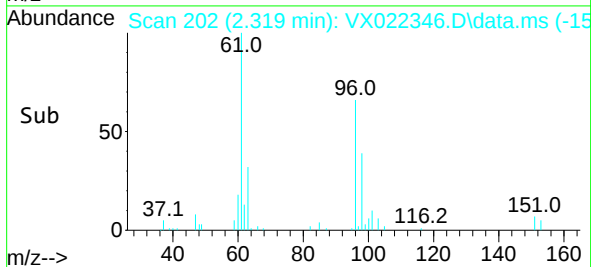
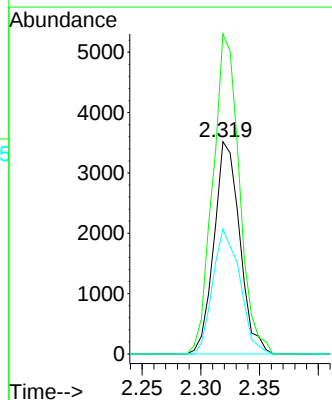
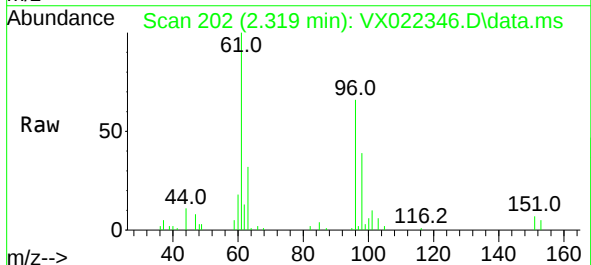


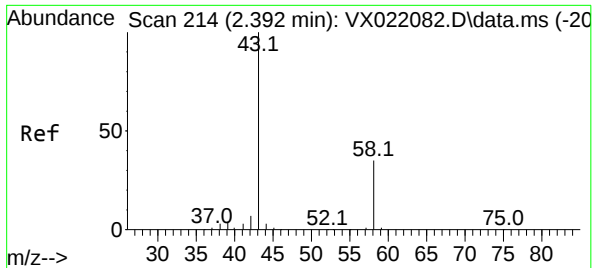
Tgt Ion: 59 Resp: 584
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 7.64 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX022346.D
Acq: 02 Jun 2021 18:12

Tgt Ion: 96 Resp: 5359
Ion Ratio Lower Upper
96 100
61 150.7 124.6 187.0
98 58.8 50.6 76.0

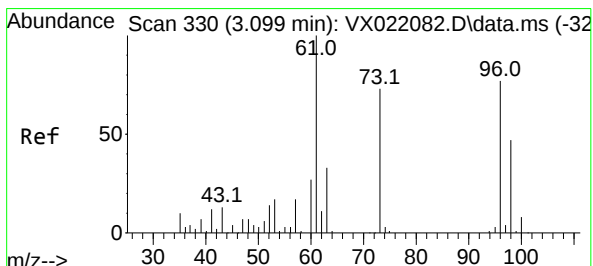
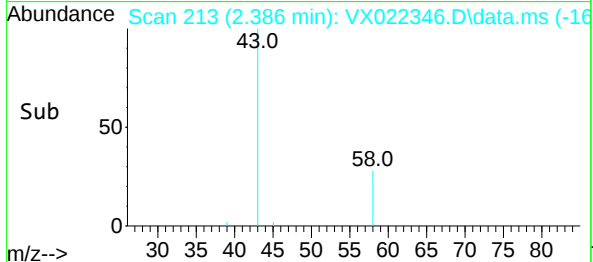
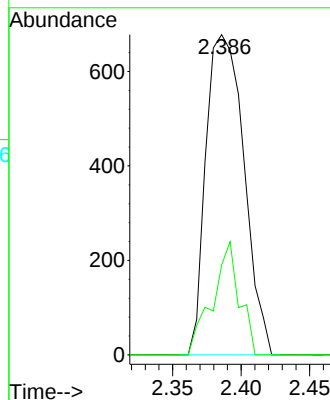
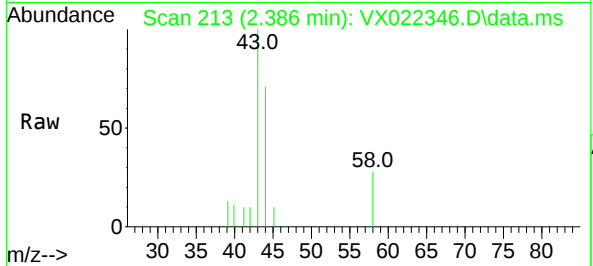




#16
Acetone
Concen: 3.18 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022346.D
Acq: 02 Jun 2021 18:12

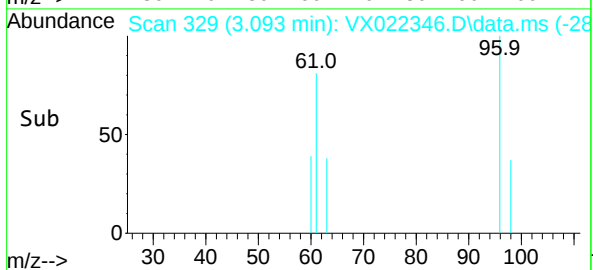
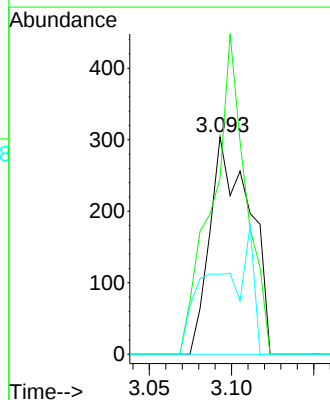
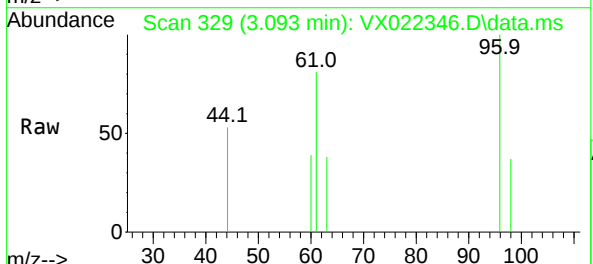
Instrument :
MSVOA_X
ClientSampleId :
48BR-20210528

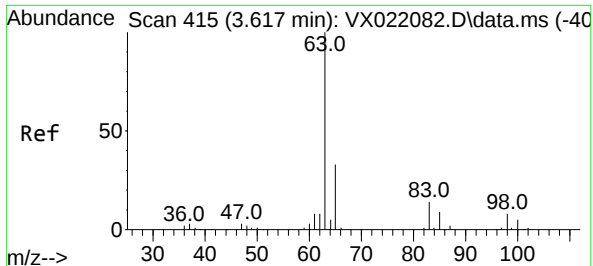
Tgt Ion: 43 Resp: 1308
Ion Ratio Lower Upper
43 100
58 28.0 27.8 41.8



#21
trans-1,2-Dichloroethene
Concen: 0.67 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.006 min
Lab File: VX022346.D
Acq: 02 Jun 2021 18:12

Tgt Ion: 96 Resp: 511
Ion Ratio Lower Upper
96 100
61 80.9 107.7 161.5#
98 36.8 50.4 75.6#

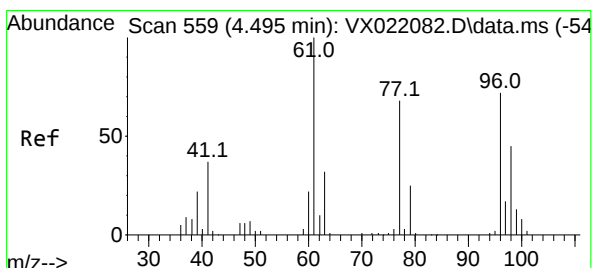
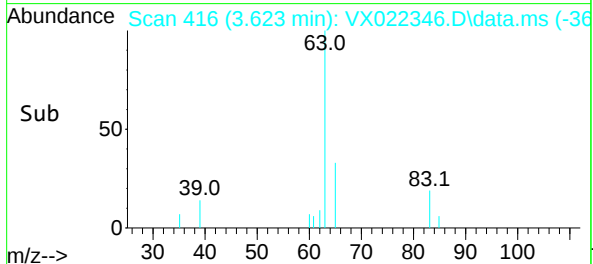
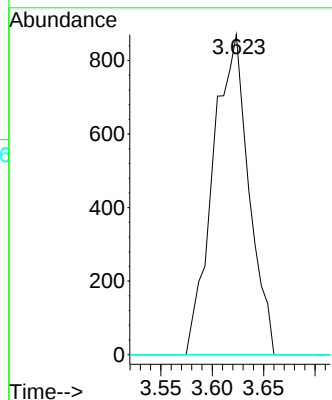
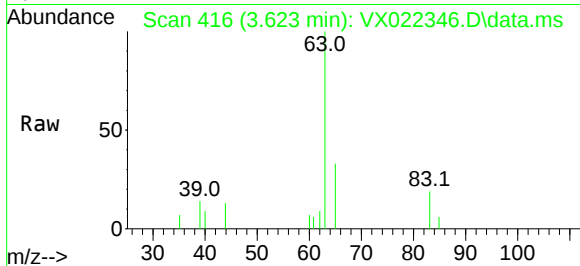




#24
1,1-Dichloroethane
Concen: 1.45 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.006 min
Lab File: VX022346.D
Acq: 02 Jun 2021 18:12

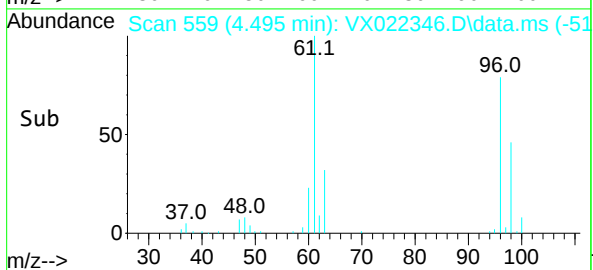
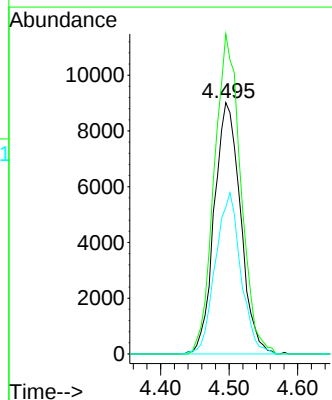
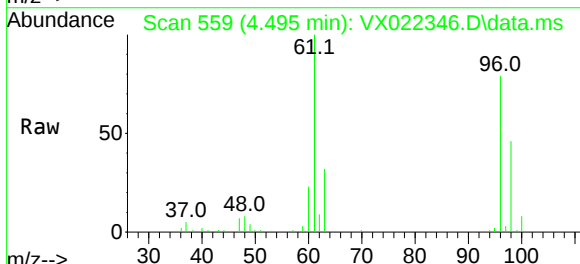
Instrument :
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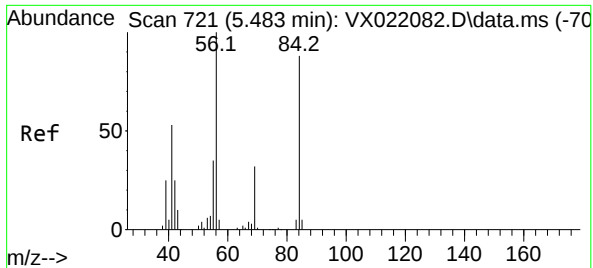
Tgt Ion: 63 Resp: 2117
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#



#27
cis-1,2-Dichloroethene
Concen: 25.87 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX022346.D
Acq: 02 Jun 2021 18:12

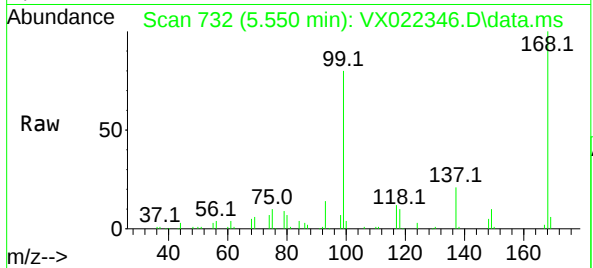
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Ion Ratio Lower Upper
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61 128.2 0.0 285.6
98 62.1 0.0 129.6



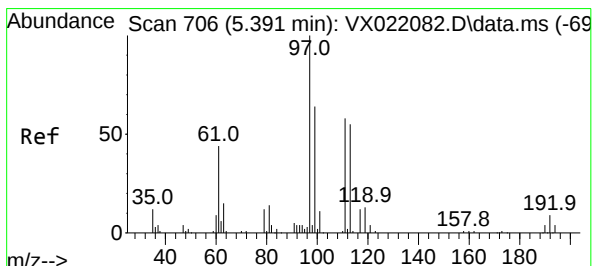
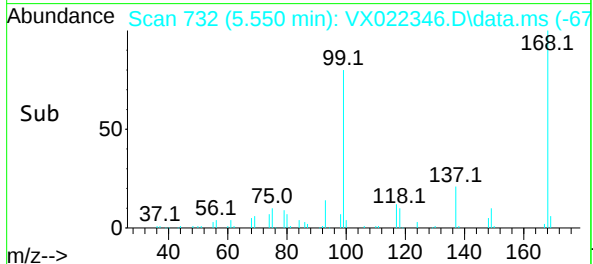
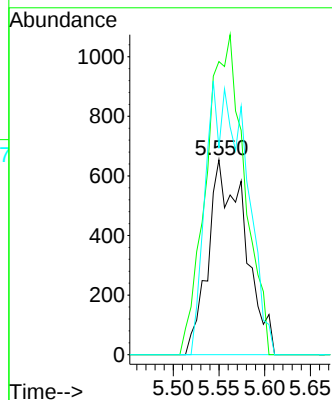


#31
Cyclohexane
Concen: 1.54 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.067 min
Lab File: VX022346.D
Acq: 02 Jun 2021 18:12

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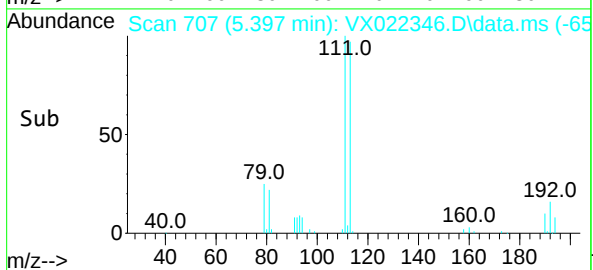
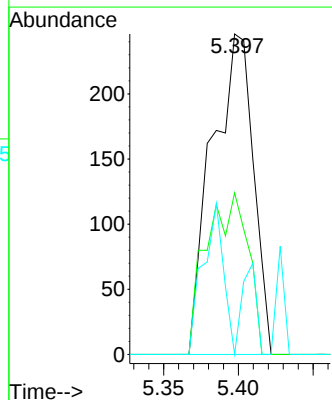
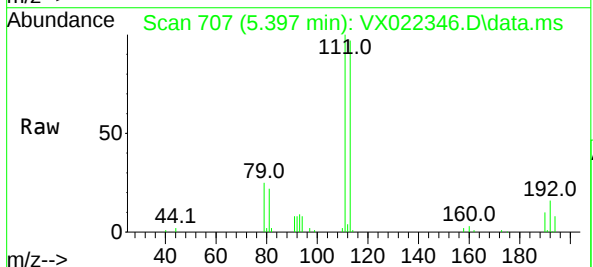


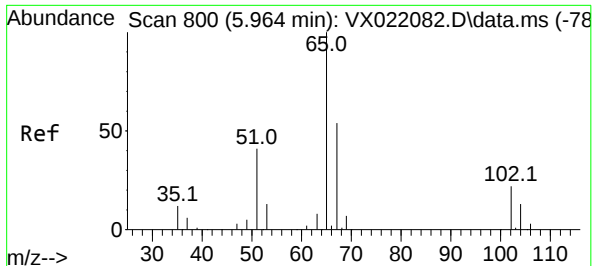
Tgt Ion: 56 Resp: 1830
Ion Ratio Lower Upper
56 100
69 150.5 25.3 37.9#
84 106.0 71.4 107.0



#32
1,1,1-Trichloroethane
Concen: 0.37 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022346.D
Acq: 02 Jun 2021 18:12

Tgt Ion: 97 Resp: 471
Ion Ratio Lower Upper
97 100
99 0.0 51.5 77.3#
61 23.8 34.2 51.4#





#33

1,2-Dichloroethane-d4

Concen: 57.80 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022346.D

Acq: 02 Jun 2021 18:12

Tgt Ion: 65 Resp: 54531

Ion Ratio Lower Upper

65 100

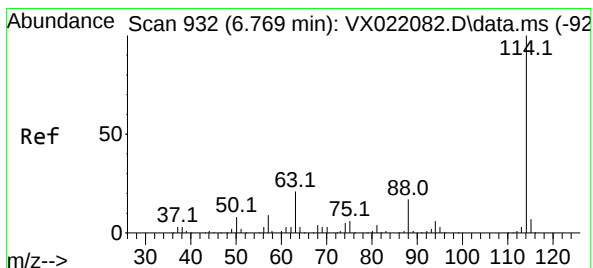
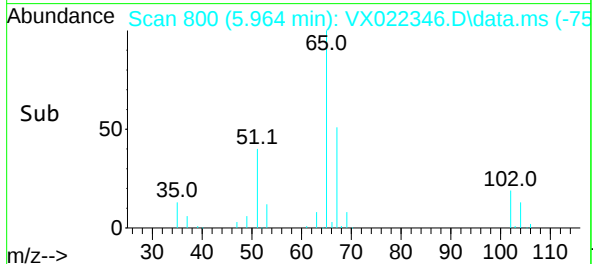
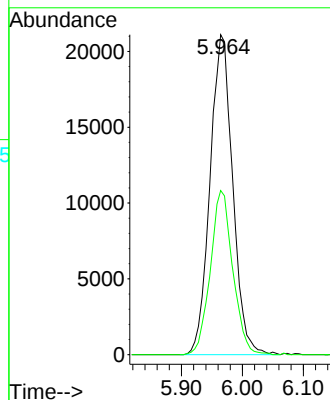
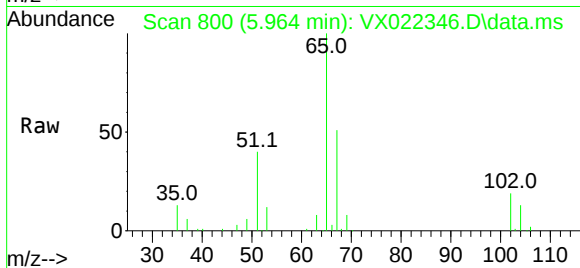
67 50.7 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

48BR-20210528



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022346.D

Acq: 02 Jun 2021 18:12

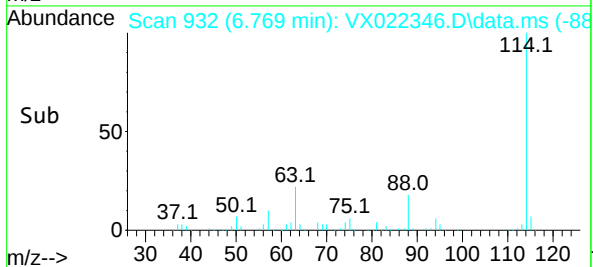
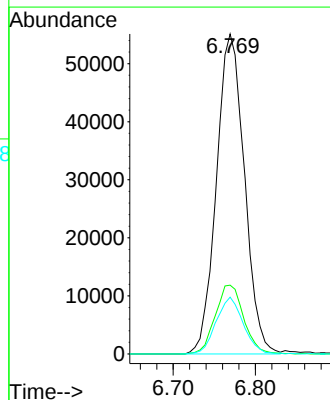
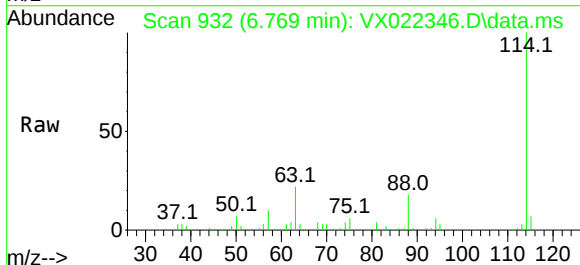
Tgt Ion: 114 Resp: 130403

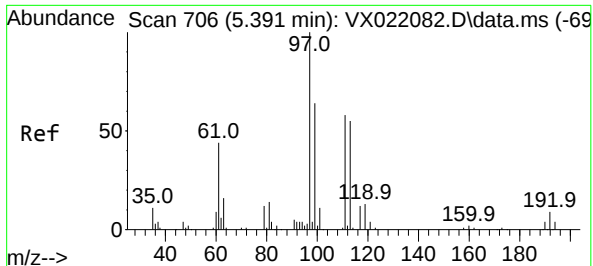
Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.8

88 17.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.94 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022346.D

Acq: 02 Jun 2021 18:12

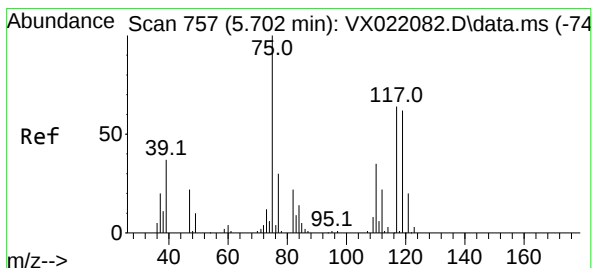
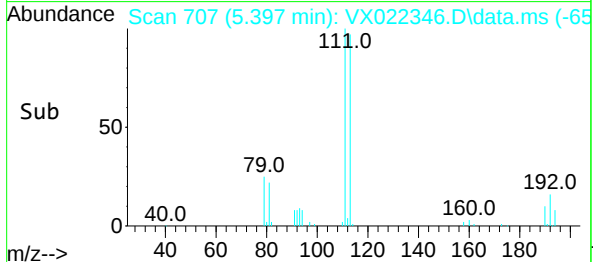
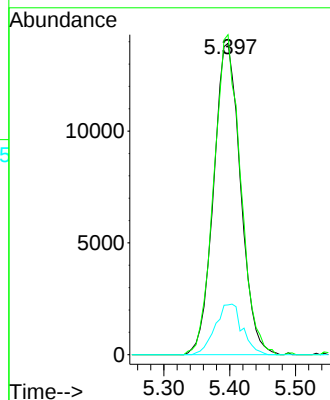
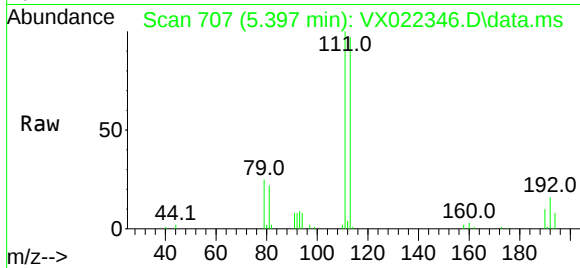
Tgt Ion:113 Resp: 39644

Ion Ratio Lower Upper

113 100

111 101.8 81.9 122.9

192 16.4 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 5.01 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022346.D

Acq: 02 Jun 2021 18:12

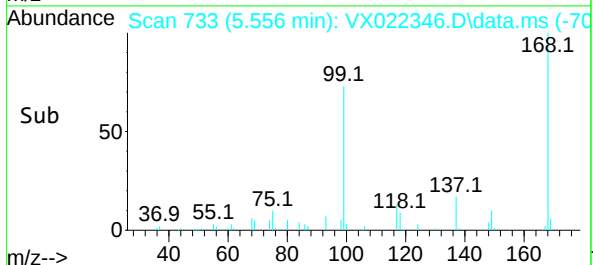
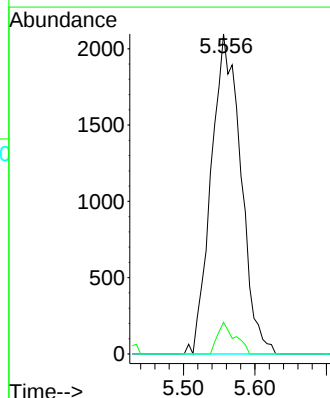
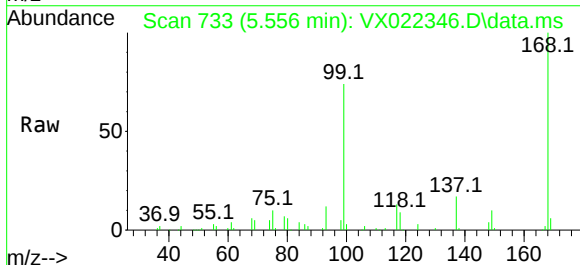
Tgt Ion: 75 Resp: 6041

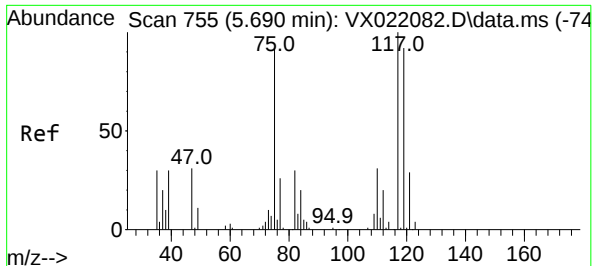
Ion Ratio Lower Upper

75 100

110 5.8 18.1 54.4#

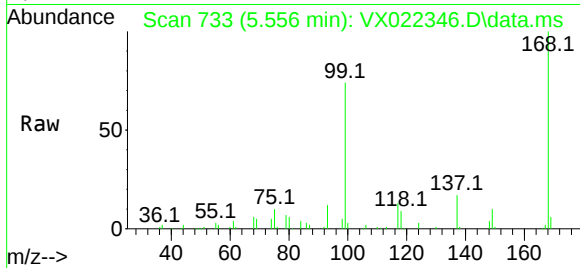
77 0.0 25.3 37.9#



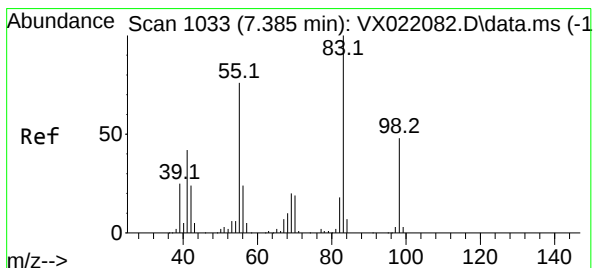
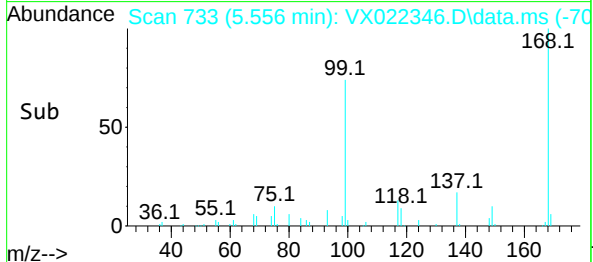
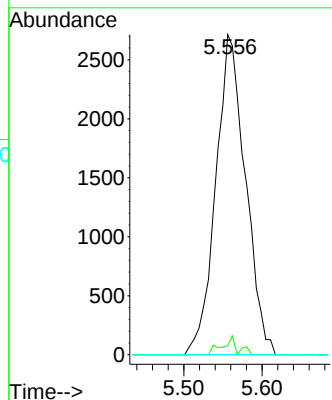


#38
Carbon Tetrachloride
Concen: 6.06 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022346.D
Acq: 02 Jun 2021 18:12

Instrument :
MSVOA_X
ClientSampleId :
48BR-20210528

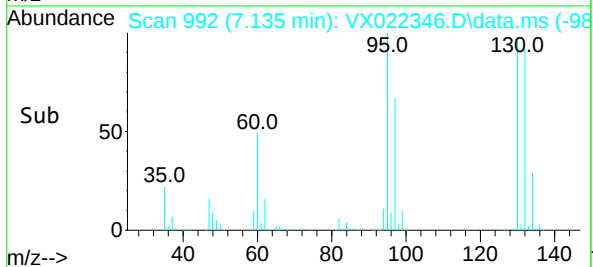
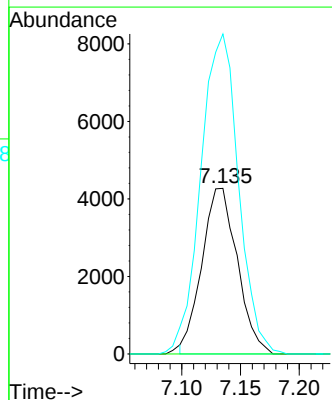
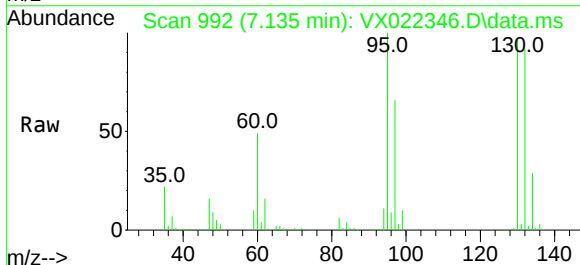


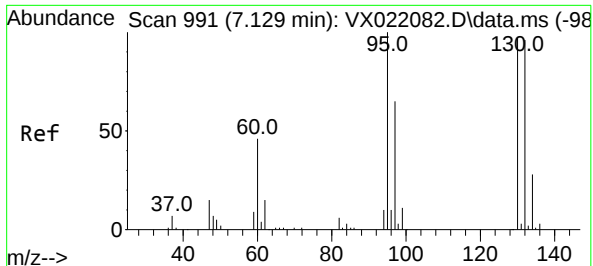
Tgt Ion:117 Resp: 7145
Ion Ratio Lower Upper
117 100
119 2.8 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 6.55 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.250 min
Lab File: VX022346.D
Acq: 02 Jun 2021 18:12

Tgt Ion: 83 Resp: 8952
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 191.7 38.1 57.1#

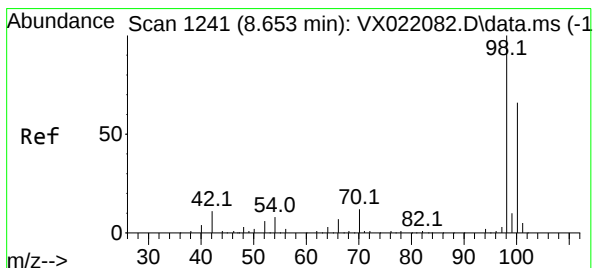
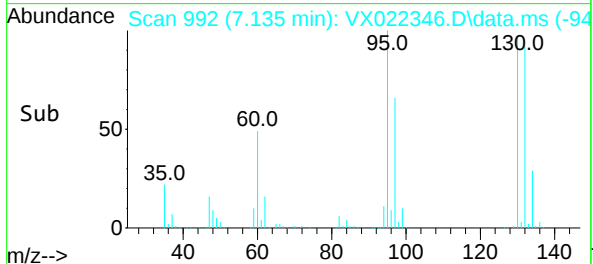
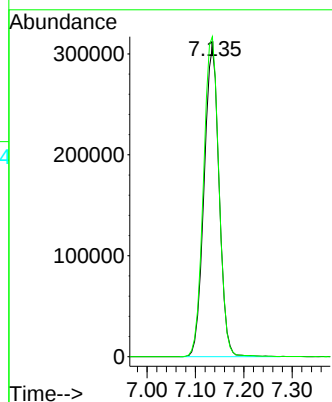
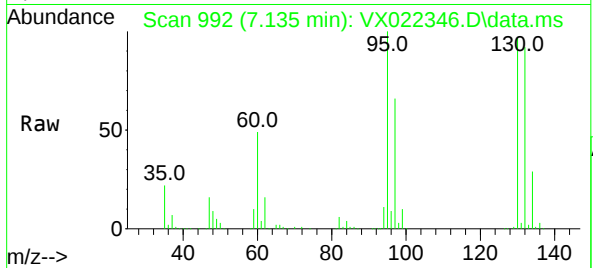




#44
Trichloroethene
Concen: 722.21 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022346.D
Acq: 02 Jun 2021 18:12

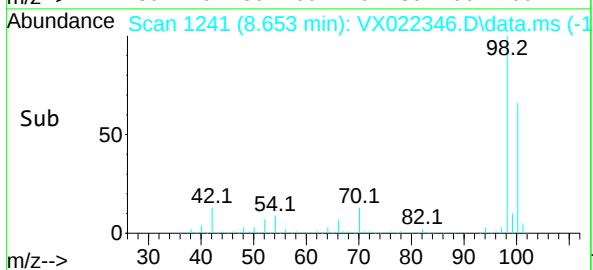
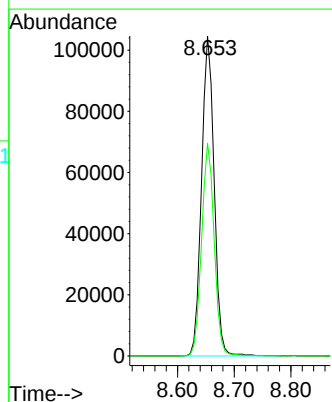
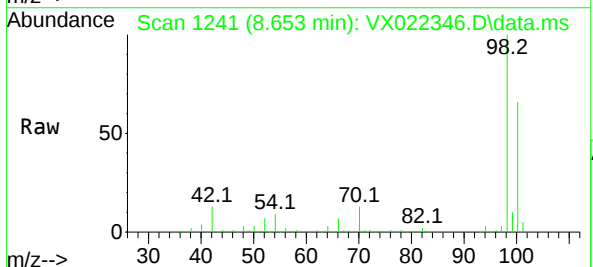
Instrument :
MSVOA_X
ClientSampleId :
48BR-20210528

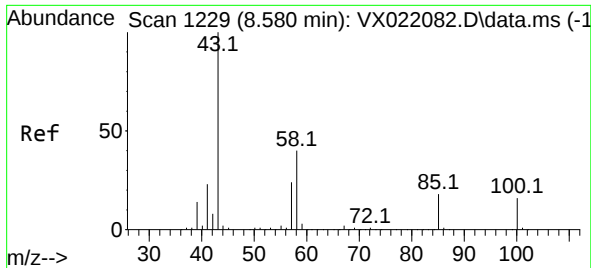
Tgt Ion:130 Resp: 665847
Ion Ratio Lower Upper
130 100
95 103.4 0.0 198.0



#50
Toluene-d8
Concen: 50.74 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022346.D
Acq: 02 Jun 2021 18:12

Tgt Ion: 98 Resp: 161622
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9

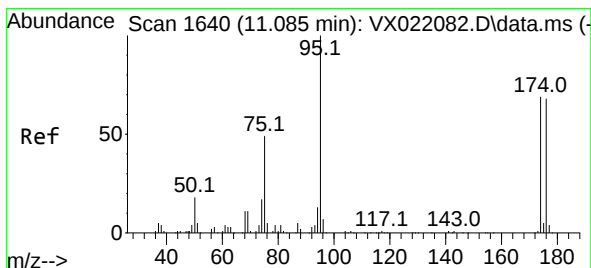
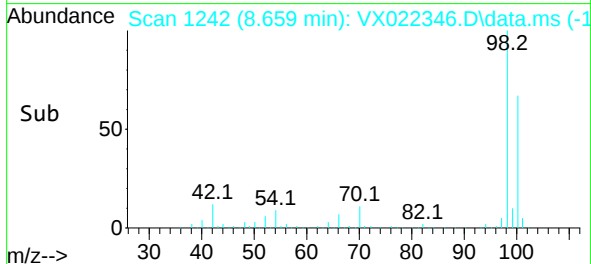
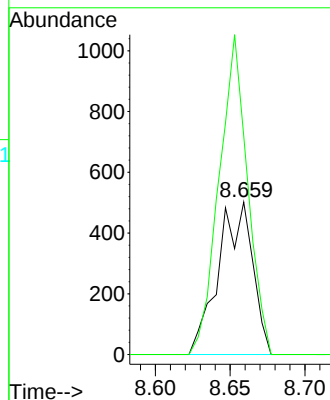
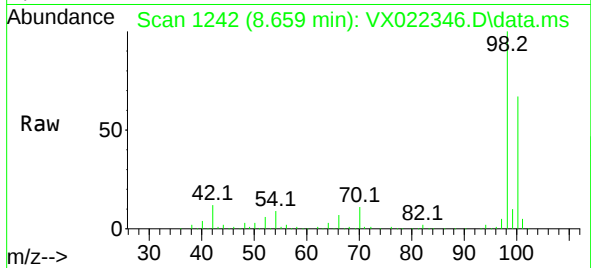




#51
4-Methyl-2-Pentanone
Concen: 0.55 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.079 min
Lab File: VX022346.D
Acq: 02 Jun 2021 18:12

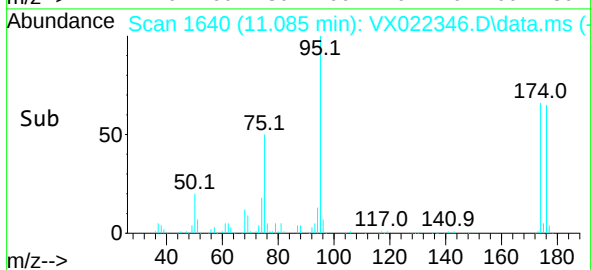
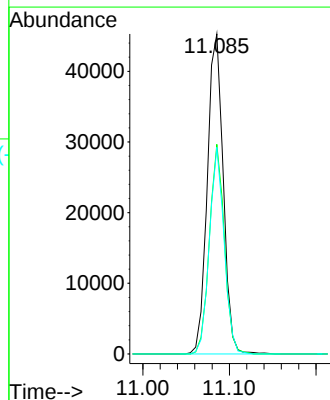
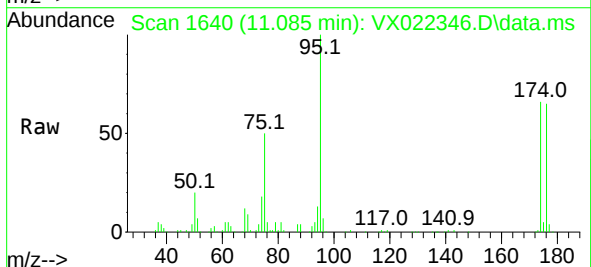
Instrument :
MSVOA_X
ClientSampleId :
48BR-20210528

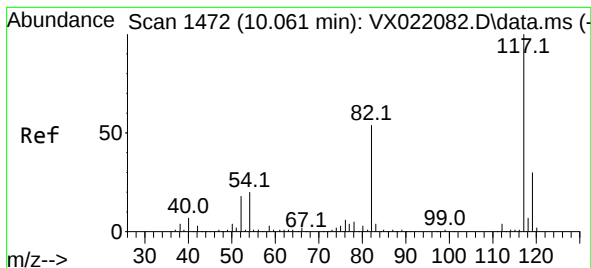
Tgt Ion: 43 Resp: 799
Ion Ratio Lower Upper
43 100
58 174.7 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 48.92 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022346.D
Acq: 02 Jun 2021 18:12

Tgt Ion: 95 Resp: 57604
Ion Ratio Lower Upper
95 100
174 61.7 0.0 154.6
176 60.0 0.0 155.8

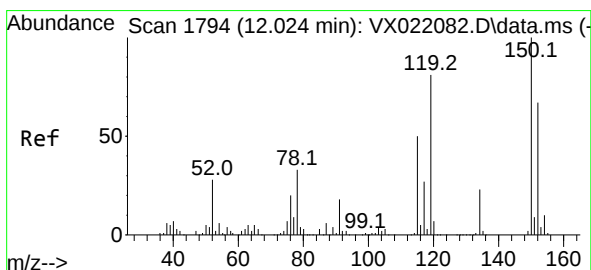
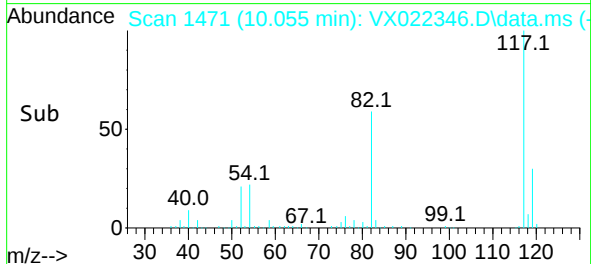
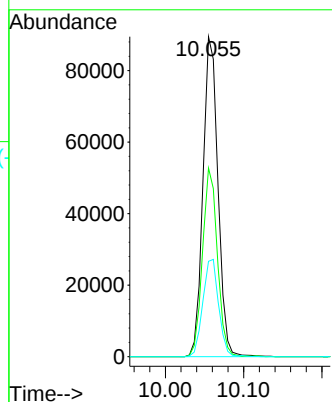
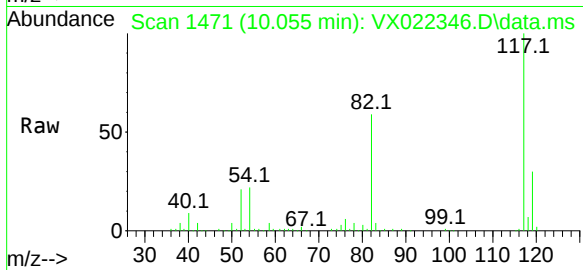




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022346.D
Acq: 02 Jun 2021 18:12

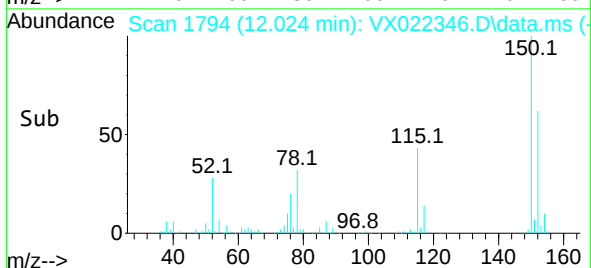
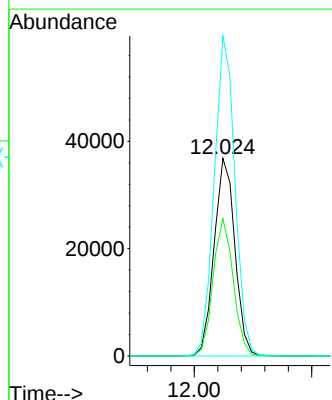
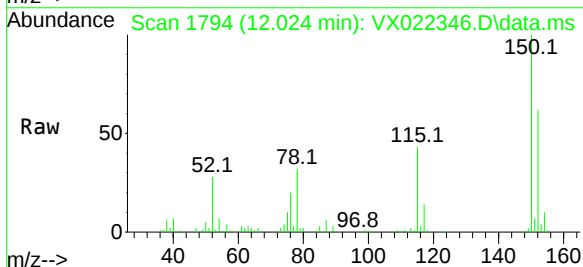
Instrument :
MSVOA_X
ClientSampleId :
48BR-20210528

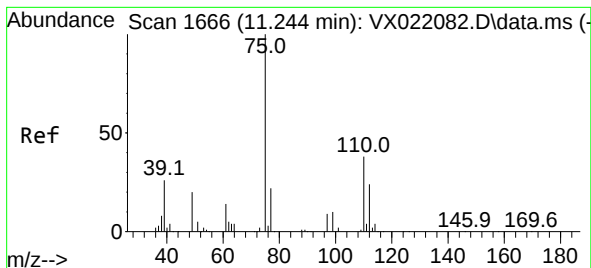
Tgt Ion:117 Resp: 118788
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.2
119 29.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022346.D
Acq: 02 Jun 2021 18:12

Tgt Ion:152 Resp: 45229
Ion Ratio Lower Upper
152 100
115 67.4 41.1 123.3
150 161.2 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 26.64 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX022346.D

Acq: 02 Jun 2021 18:12

Tgt Ion: 75 Resp: 29720

Ion Ratio Lower Upper

75 100

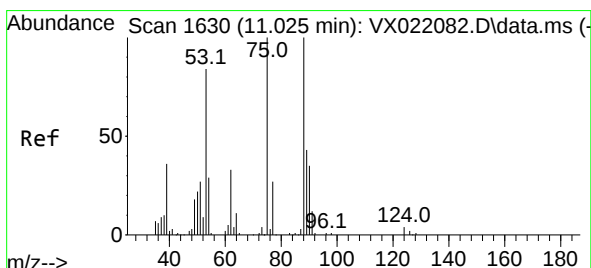
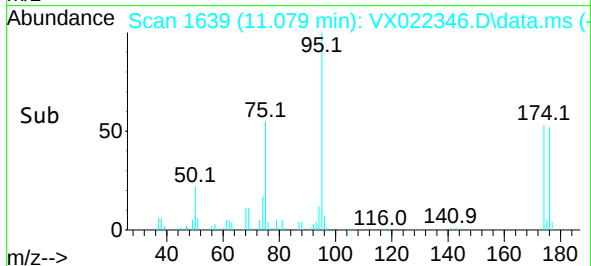
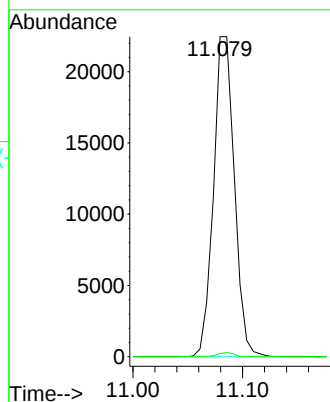
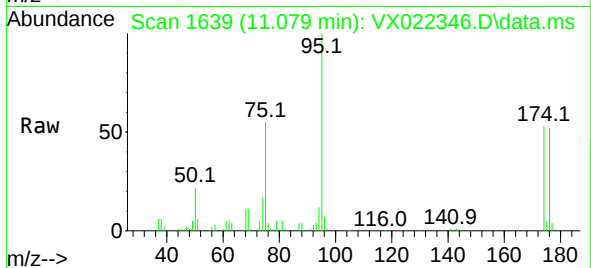
77 1.0 19.1 57.5#

Instrument :

MSVOA_X

ClientSampleId :

48BR-20210528



#81

trans-1,4-Dichloro-2-butene

Concen: 63.11 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.054 min

Lab File: VX022346.D

Acq: 02 Jun 2021 18:12

Tgt Ion: 75 Resp: 29720

Ion Ratio Lower Upper

75 100

53 0.0 74.5 111.7#

89 0.0 37.9 56.9#

