

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
 Data File : VX026171.D
 Acq On : 30 Dec 2021 16:23
 Operator : JC/MD
 Sample : M5207-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BR-1-122121

Quant Time: Dec 31 07:09:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

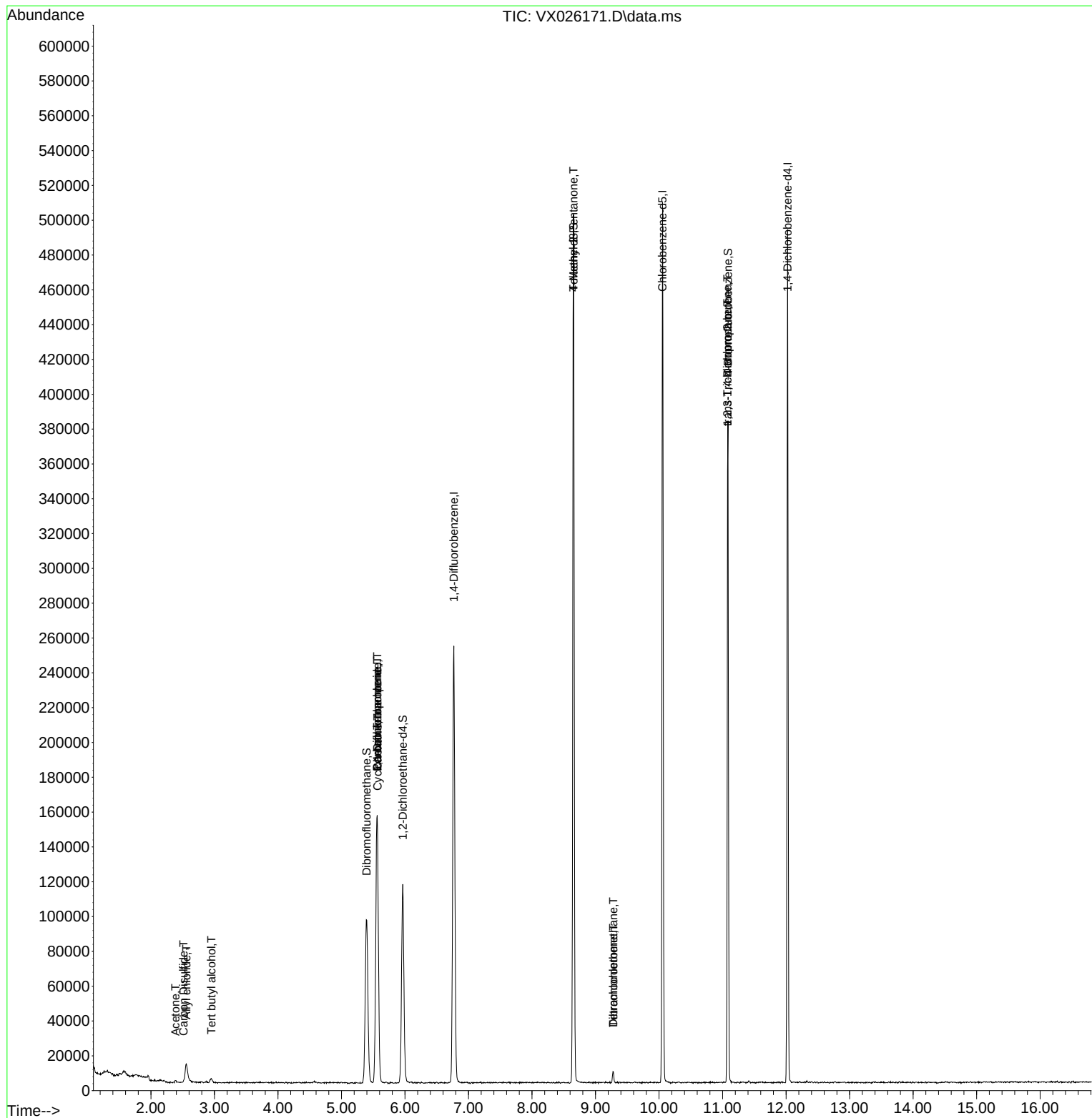
Internal Standards						
1) Pentafluorobenzene	5.562	168	139778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	239198	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103995	51.427	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.860%			
35) Dibromofluoromethane	5.397	113	80827	51.975	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.960%			
50) Toluene-d8	8.653	98	278071	48.073	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.140%			
62) 4-Bromofluorobenzene	11.085	95	93936	45.618	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.240%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.953	59	1730	4.283	ug/l #	73
14) Allyl chloride	2.556	41	1988	0.650	ug/l #	63
16) Acetone	2.386	43	1341	1.224	ug/l	90
17) Carbon Disulfide	2.514	76	1302	0.293	ug/l #	75
20) Methylene Chloride	2.794	84	224	Below Cal	#	55
31) Cyclohexane	5.568	56	3921	1.362	ug/l #	49
36) 1,1-Dichloropropene	5.562	75	12374	4.933	ug/l #	48
38) Carbon Tetrachloride	5.562	117	15280	5.477	ug/l #	14
51) 4-Methyl-2-Pentanone	8.653	43	1442	0.489	ug/l #	1
60) Dibromochloromethane	9.281	129	1134	0.553	ug/l #	11
64) Tetrachloroethene	9.281	164	1260	0.729	ug/l #	85
76) 1,2,3-Trichloropropane	11.079	75	53100	24.359	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	53100	70.470	ug/l #	10

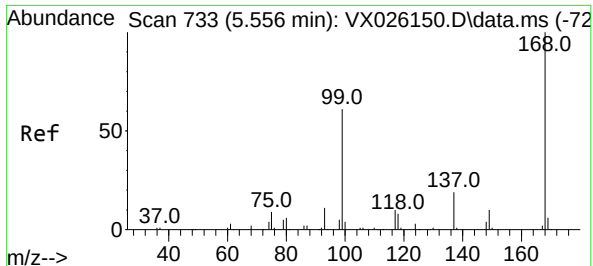
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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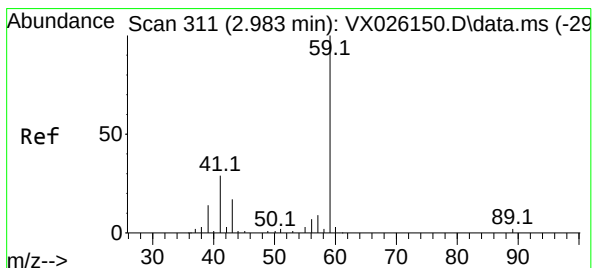
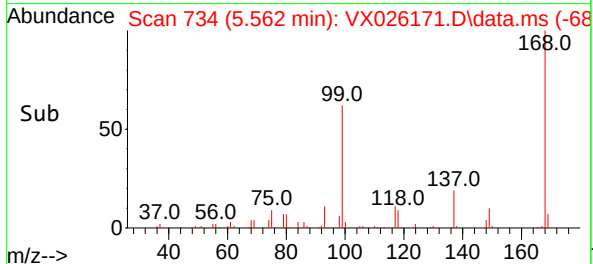
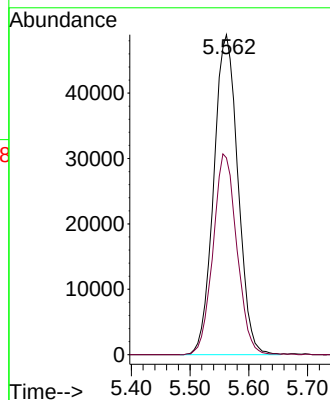
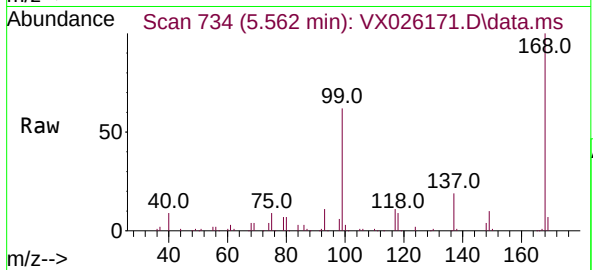




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026171.D
Acq: 30 Dec 2021 16:23

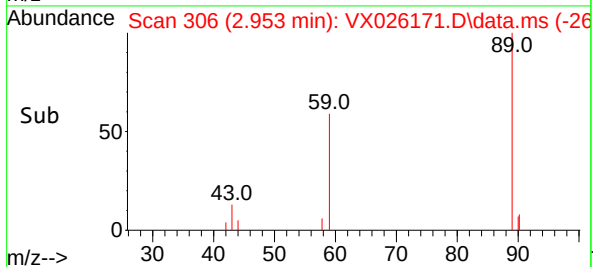
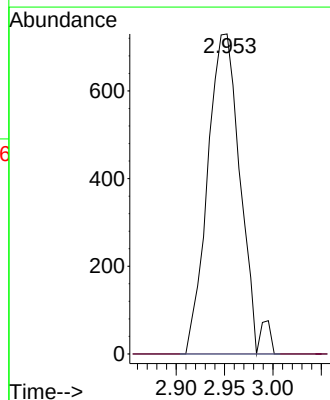
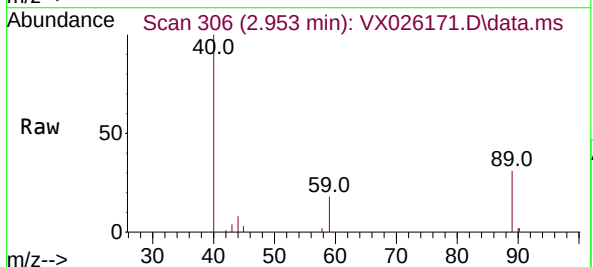
Instrument :
MSVOA_X
ClientSampleId :
BR-1-122121

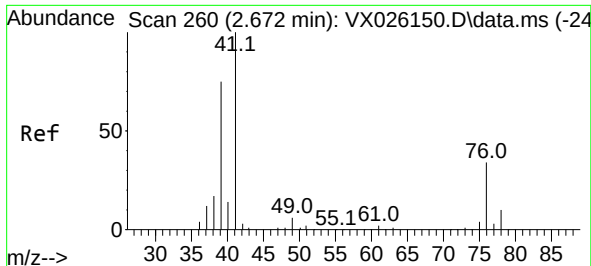
Tgt Ion:168 Resp: 139778
Ion Ratio Lower Upper
168 100
99 61.5 45.8 68.8



#11
Tert butyl alcohol
Concen: 4.283 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX026171.D
Acq: 30 Dec 2021 16:23

Tgt Ion: 59 Resp: 1730
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

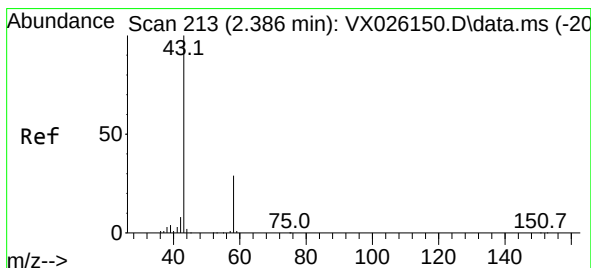
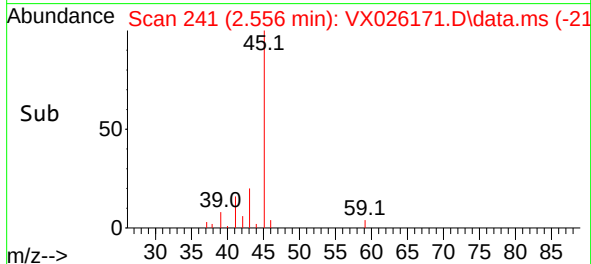
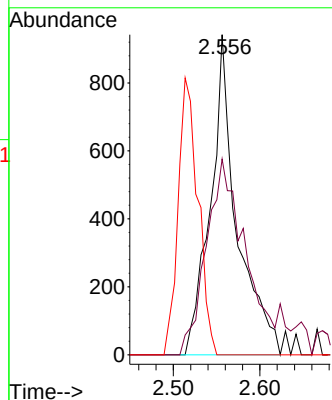
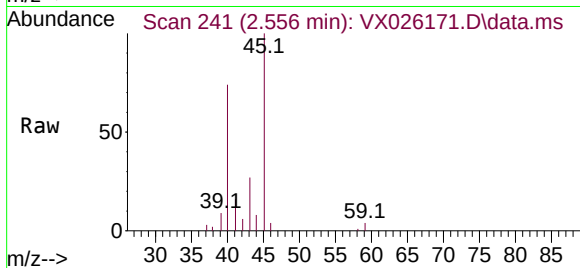




#14
 Allyl chloride
 Concen: 0.650 ug/l
 RT: 2.556 min Scan# 241
 Delta R.T. -0.116 min
 Lab File: VX026171.D
 Acq: 30 Dec 2021 16:23

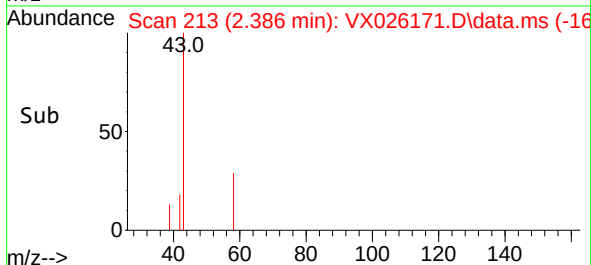
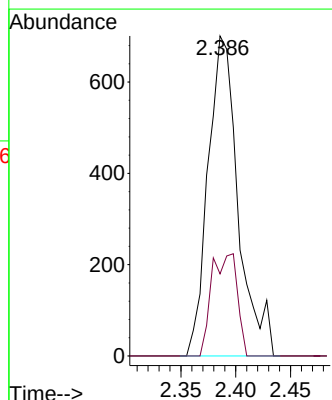
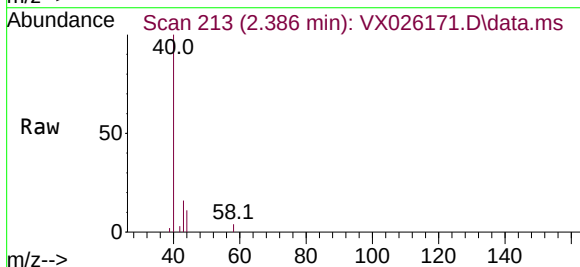
Instrument :
 MSVOA_X
 ClientSampleId :
 BR-1-122121

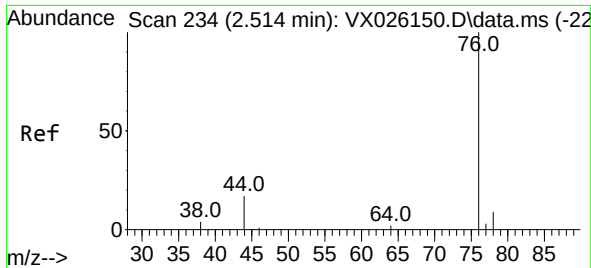
Tgt Ion: 41 Resp: 1988
 Ion Ratio Lower Upper
 41 100
 39 89.9 55.4 83.0#
 76 0.0 27.6 41.4#



#16
 Acetone
 Concen: 1.224 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VX026171.D
 Acq: 30 Dec 2021 16:23

Tgt Ion: 43 Resp: 1341
 Ion Ratio Lower Upper
 43 100
 58 25.7 24.8 37.2





#17

Carbon Disulfide

Concen: 0.293 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX026171.D

Acq: 30 Dec 2021 16:23

Instrument :

MSVOA_X

ClientSampleId :

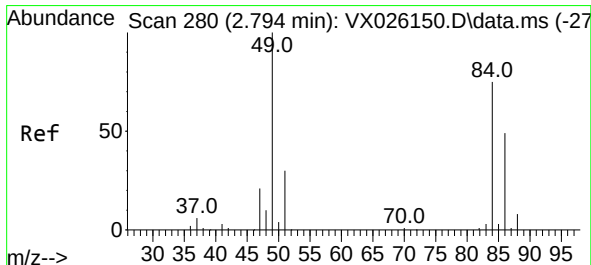
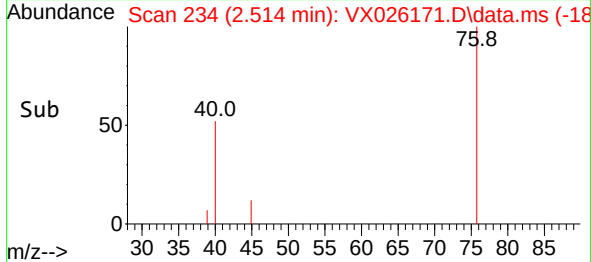
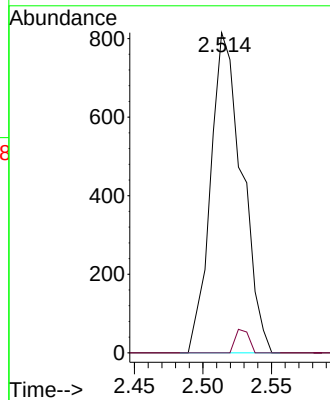
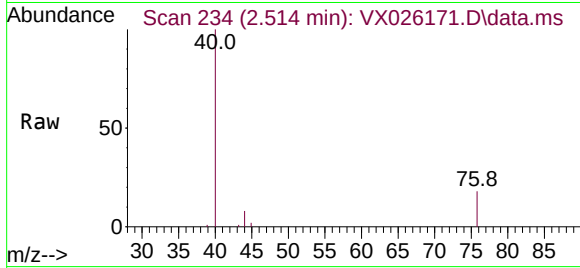
BR-1-122121

Tgt Ion: 76 Resp: 1302

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX026171.D

Acq: 30 Dec 2021 16:23

Tgt Ion: 84 Resp: 224

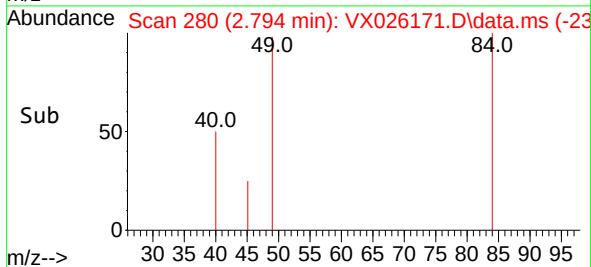
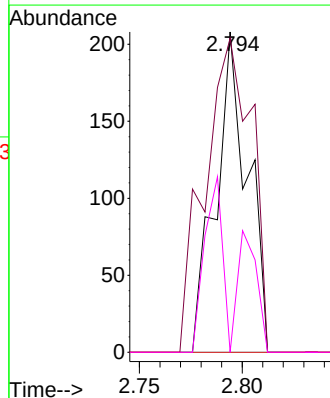
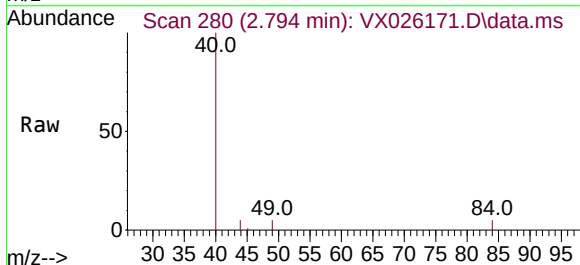
Ion Ratio Lower Upper

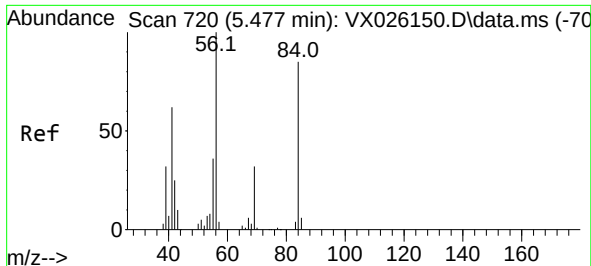
84 100

49 98.1 97.1 145.7

51 0.0 29.3 43.9#

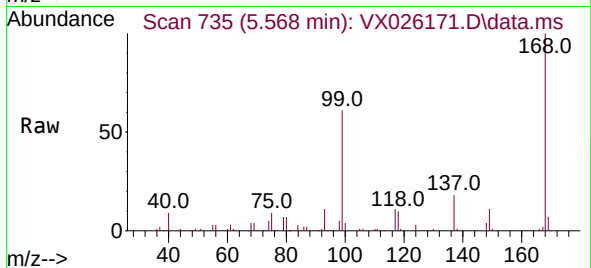
86 0.0 50.8 76.2#



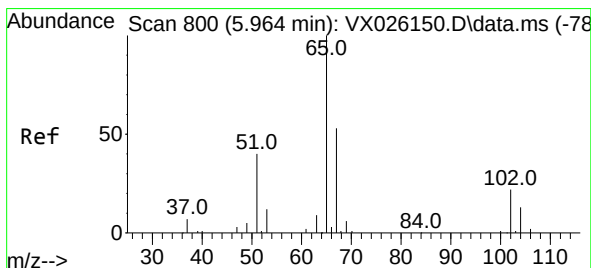
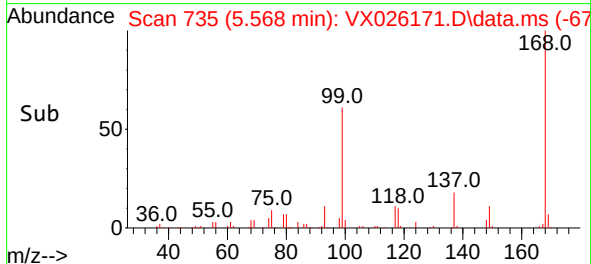
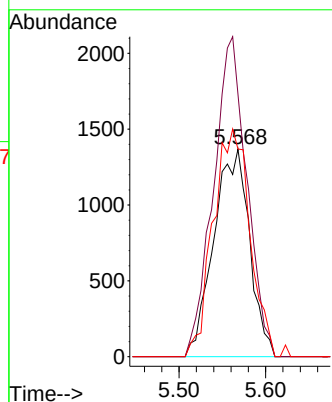


#31
Cyclohexane
Concen: 1.362 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.091 min
Lab File: VX026171.D
Acq: 30 Dec 2021 16:23

Instrument :
MSVOA_X
ClientSampleId :
BR-1-122121

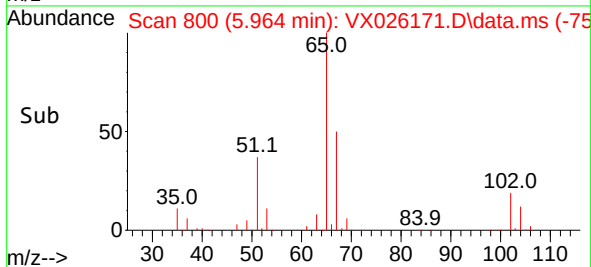
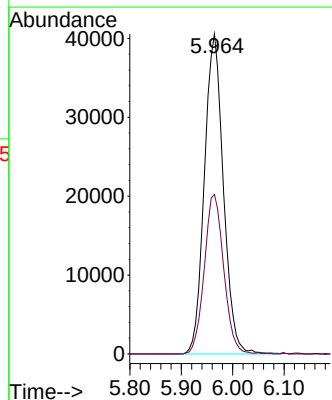
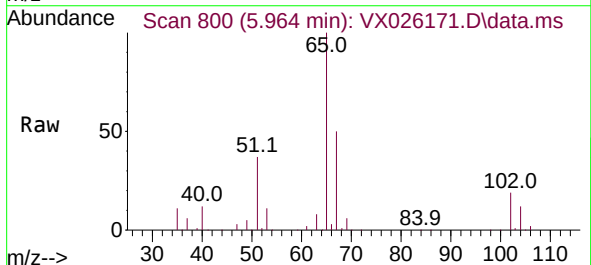


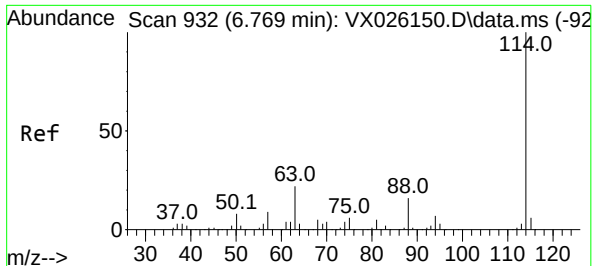
Tgt Ion: 56 Resp: 3921
Ion Ratio Lower Upper
56 100
69 126.5 23.9 35.9#
84 100.1 73.2 109.8



#33
1,2-Dichloroethane-d4
Concen: 51.427 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX026171.D
Acq: 30 Dec 2021 16:23

Tgt Ion: 65 Resp: 103995
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.4

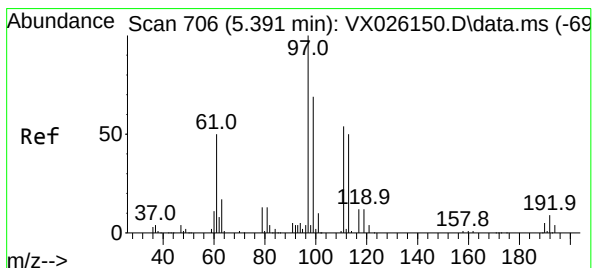
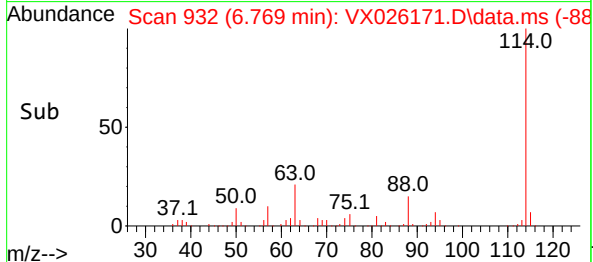
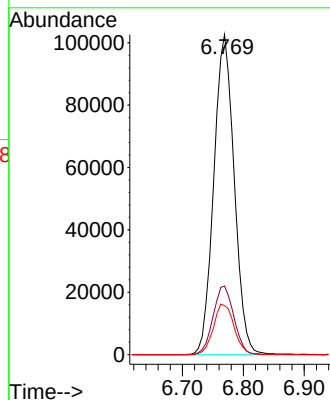
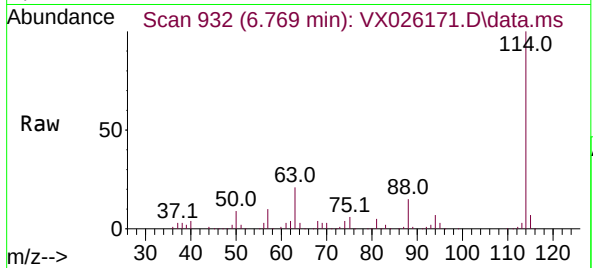




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX026171.D
Acq: 30 Dec 2021 16:23

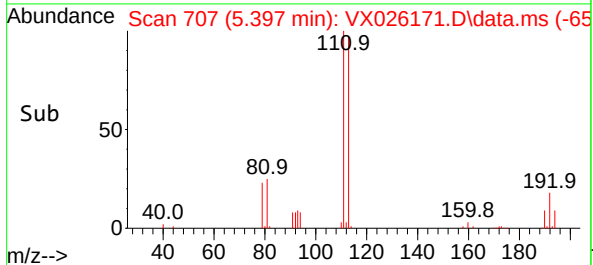
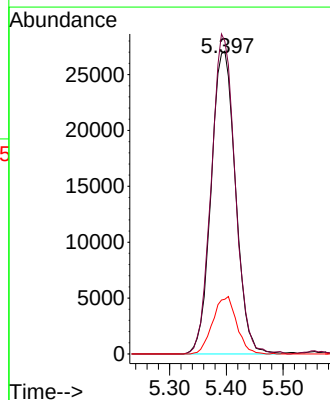
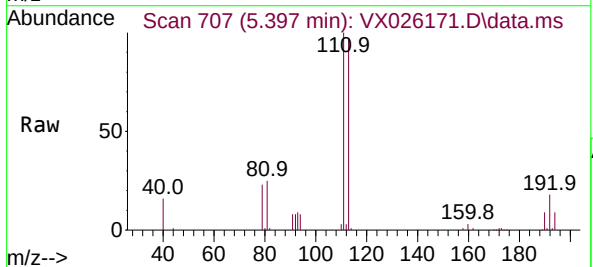
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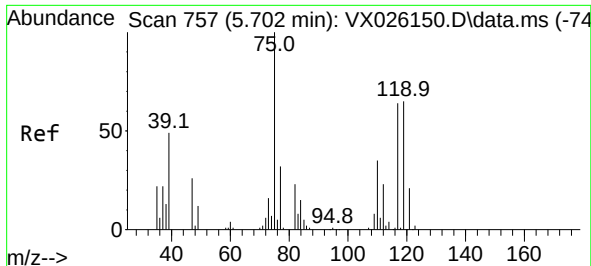
Tgt Ion:114 Resp: 239198
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.0
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.975 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX026171.D
Acq: 30 Dec 2021 16:23

Tgt Ion:113 Resp: 80827
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.8
192 18.5 15.0 22.4

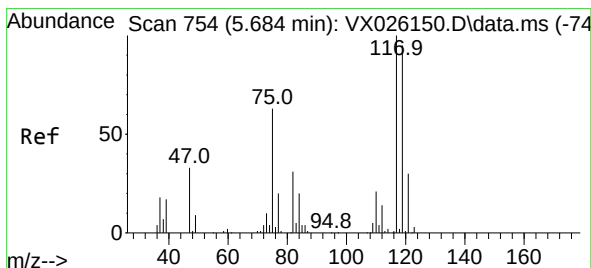
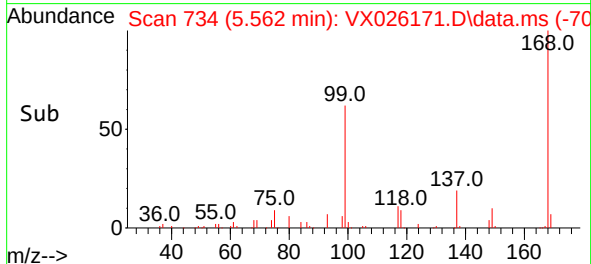
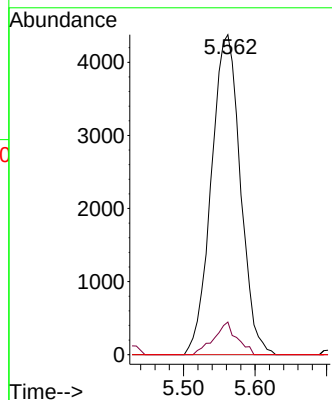
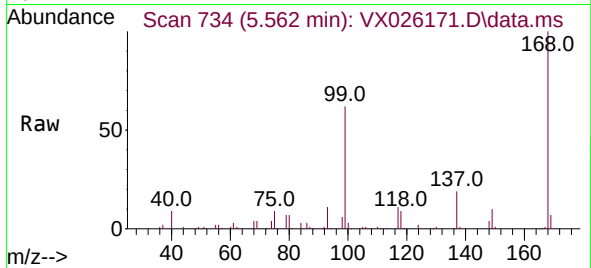




#36
1,1-Dichloropropene
Concen: 4.933 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX026171.D
Acq: 30 Dec 2021 16:23

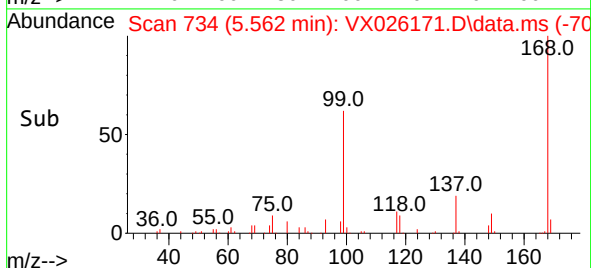
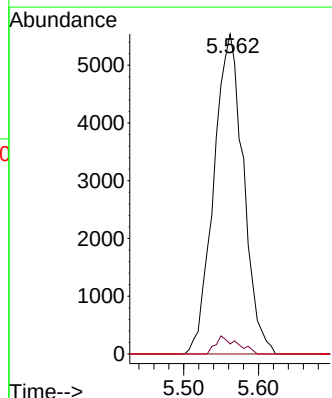
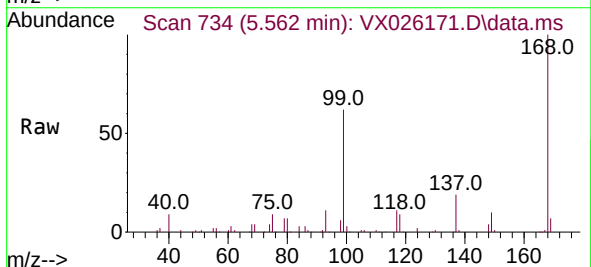
Instrument :
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BR-1-122121

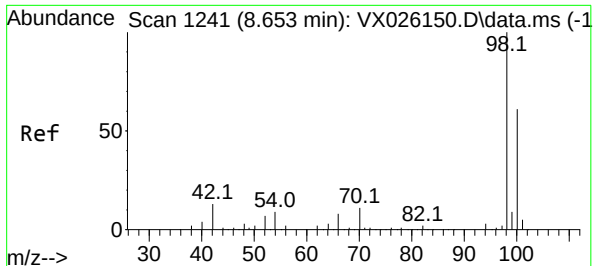
Tgt Ion: 75 Resp: 12374
Ion Ratio Lower Upper
75 100
110 8.1 18.2 54.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.477 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX026171.D
Acq: 30 Dec 2021 16:23

Tgt Ion: 117 Resp: 15280
Ion Ratio Lower Upper
117 100
119 3.1 77.2 115.8#
121 0.0 23.8 35.8#





#50

Toluene-d8

Concen: 48.073 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX026171.D

Acq: 30 Dec 2021 16:23

Instrument :

MSVOA_X

ClientSampleId :

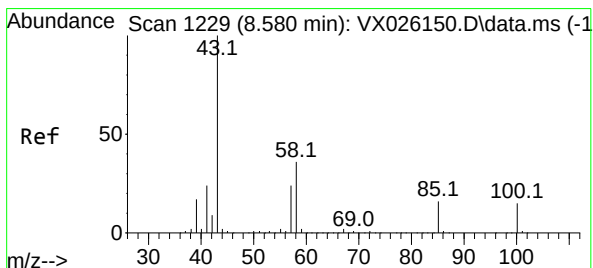
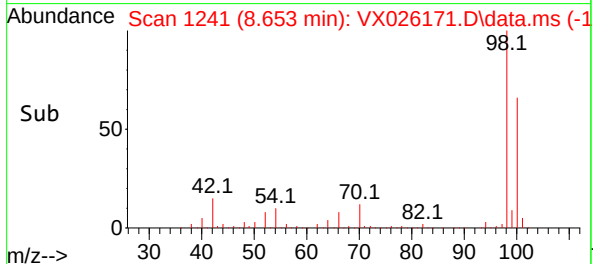
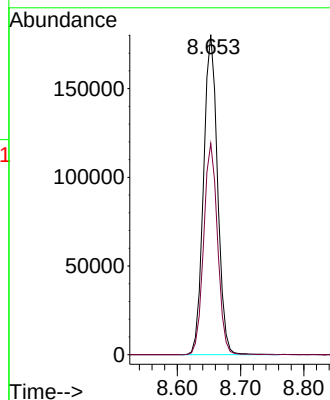
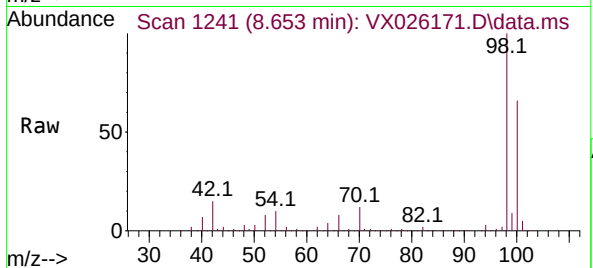
BR-1-122121

Tgt Ion: 98 Resp: 278071

Ion Ratio Lower Upper

98 100

100 65.4 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.489 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX026171.D

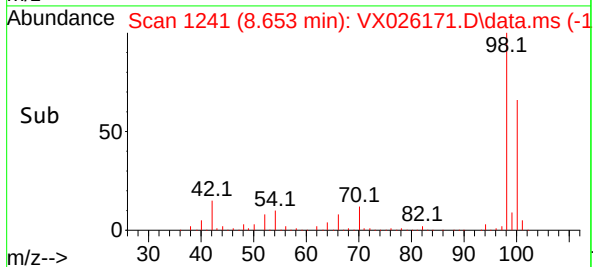
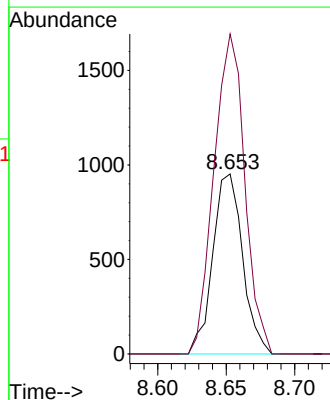
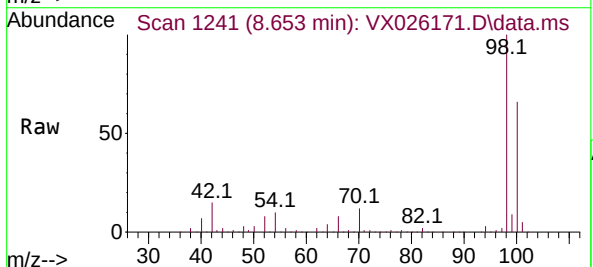
Acq: 30 Dec 2021 16:23

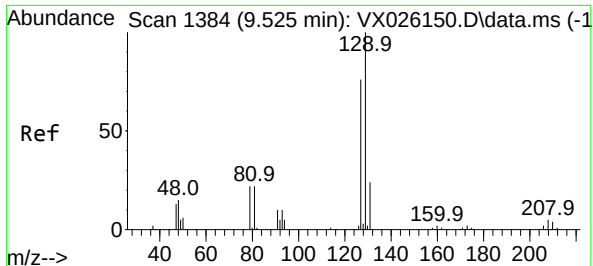
Tgt Ion: 43 Resp: 1442

Ion Ratio Lower Upper

43 100

58 183.8 30.8 46.2#

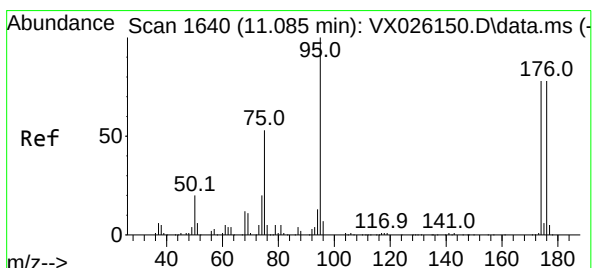
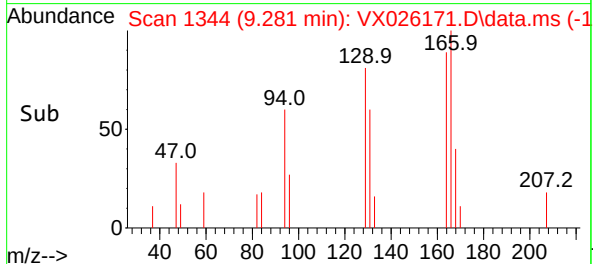
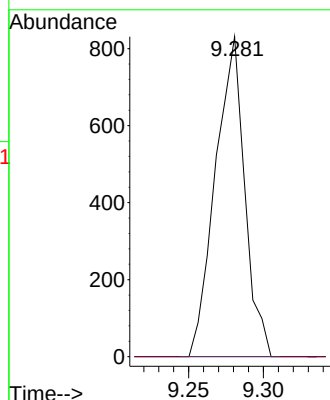
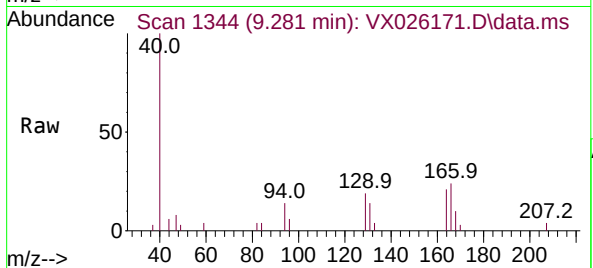




#60
Dibromochloromethane
Concen: 0.553 ug/l
RT: 9.281 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX026171.D
Acq: 30 Dec 2021 16:23

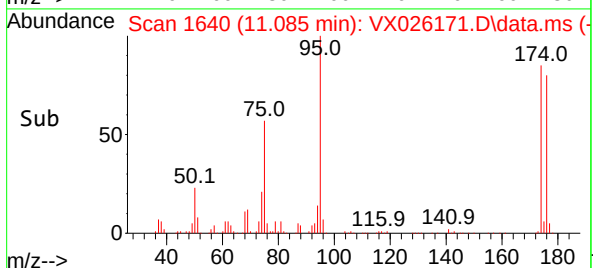
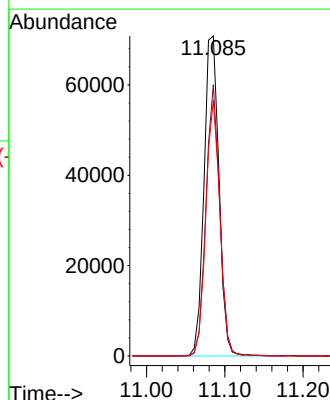
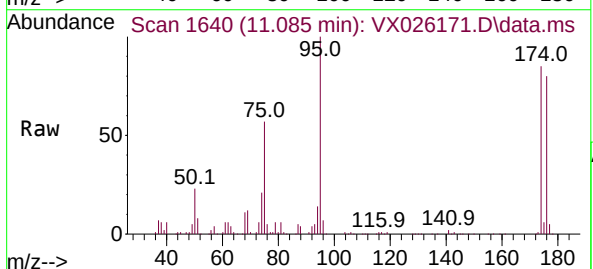
Instrument :
MSVOA_X
ClientSampleId :
BR-1-122121

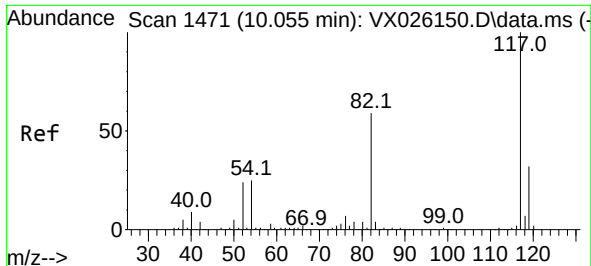
Tgt Ion:129 Resp: 1134
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.7#



#62
4-Bromofluorobenzene
Concen: 45.618 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX026171.D
Acq: 30 Dec 2021 16:23

Tgt Ion: 95 Resp: 93936
Ion Ratio Lower Upper
95 100
174 78.2 0.0 157.4
176 74.9 0.0 154.6

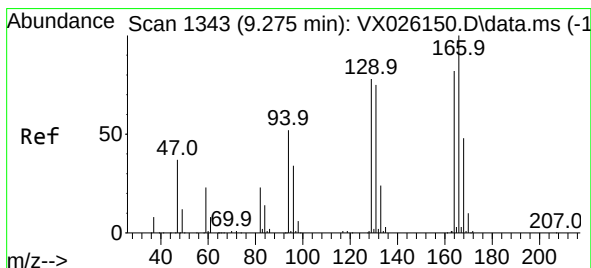
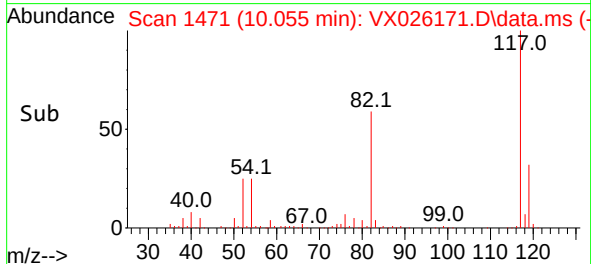
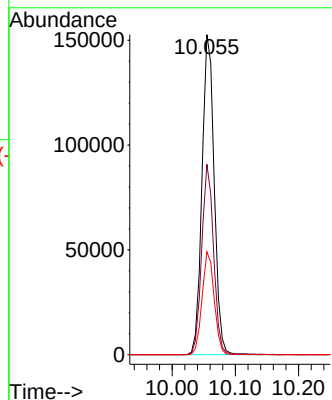
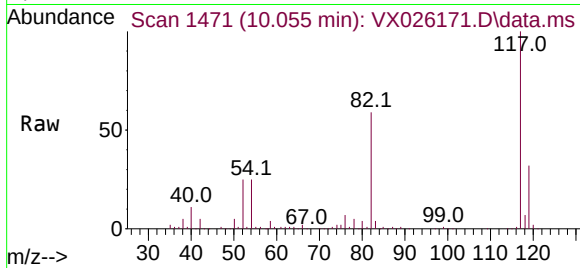




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026171.D
Acq: 30 Dec 2021 16:23

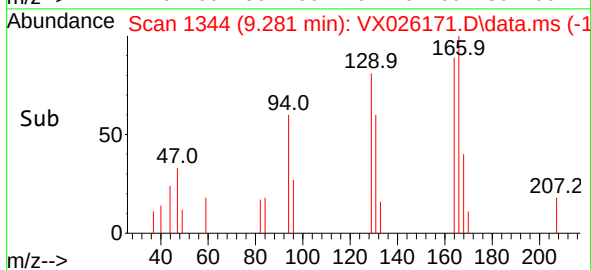
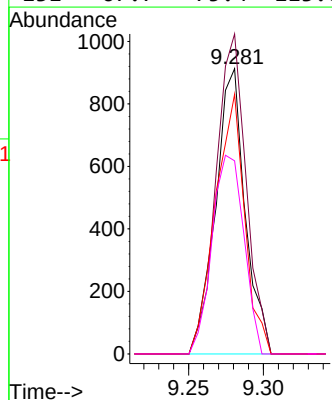
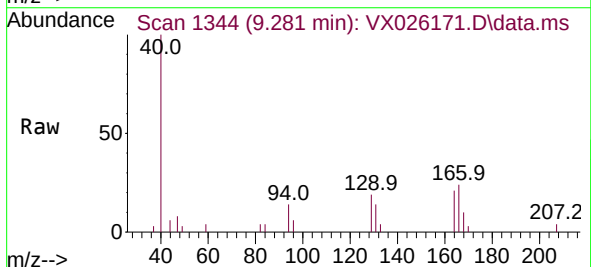
Instrument :
MSVOA_X
ClientSampleId :
BR-1-122121

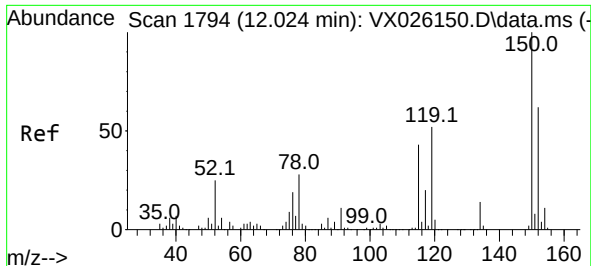
Tgt Ion:117 Resp: 204945
Ion Ratio Lower Upper
117 100
82 59.5 43.8 65.6
119 32.2 25.2 37.8



#64
Tetrachloroethene
Concen: 0.729 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX026171.D
Acq: 30 Dec 2021 16:23

Tgt Ion:164 Resp: 1260
Ion Ratio Lower Upper
164 100
166 112.2 99.4 149.0
129 91.0 78.6 118.0
131 67.7 75.4 113.0#

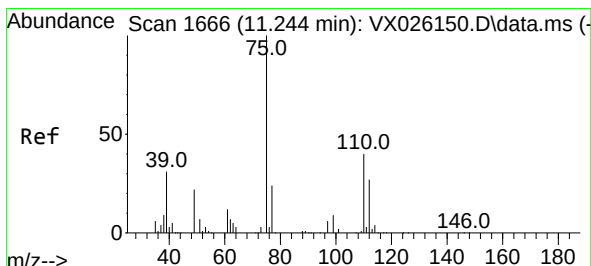
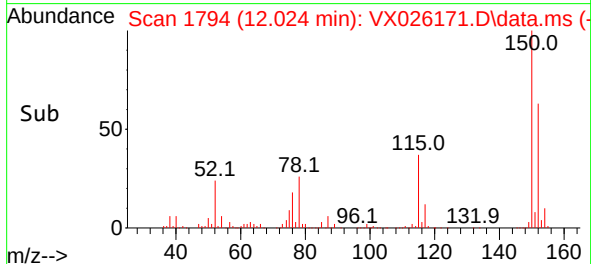
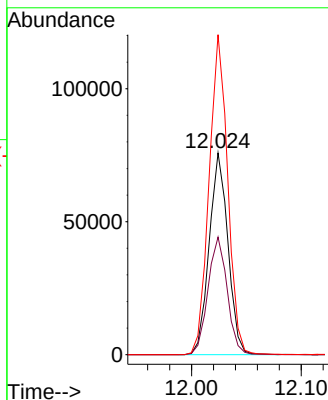
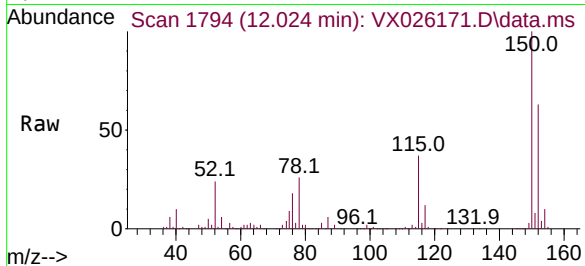




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026171.D
 Acq: 30 Dec 2021 16:23

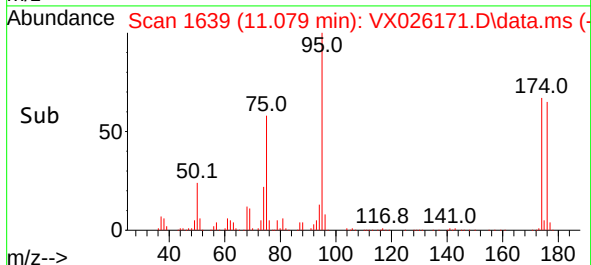
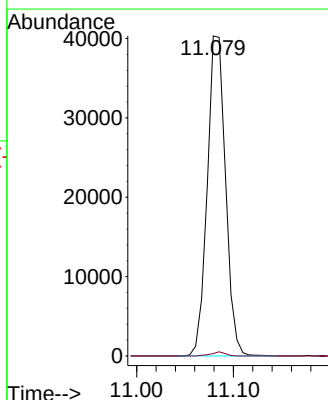
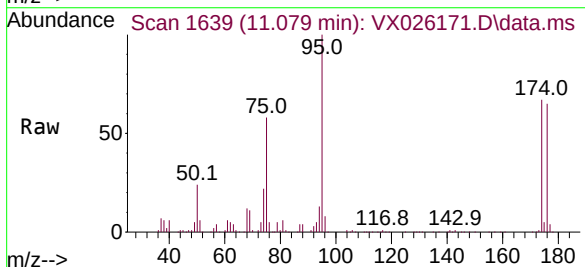
Instrument :
 MSVOA_X
 ClientSampleId :
 BR-1-122121

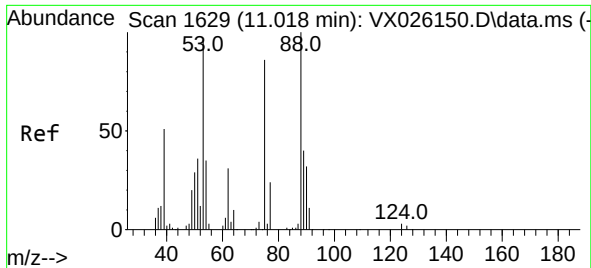
Tgt Ion:152 Resp: 90312
 Ion Ratio Lower Upper
 152 100
 115 59.5 41.3 123.9
 150 156.9 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 24.359 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026171.D
 Acq: 30 Dec 2021 16:23

Tgt Ion: 75 Resp: 53100
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.0 57.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.470 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026171.D
 Acq: 30 Dec 2021 16:23

Instrument :
 MSVOA_X
 ClientSampleId :
 BR-1-122121

Tgt Ion: 75 Resp: 53100
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 38.3 57.5#

