

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111722\
 Data File : VX032900.D
 Acq On : 17 Nov 2022 15:16
 Operator : JC/MD
 Sample : N5671-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW178S-20221115

Quant Time: Nov 18 01:41:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

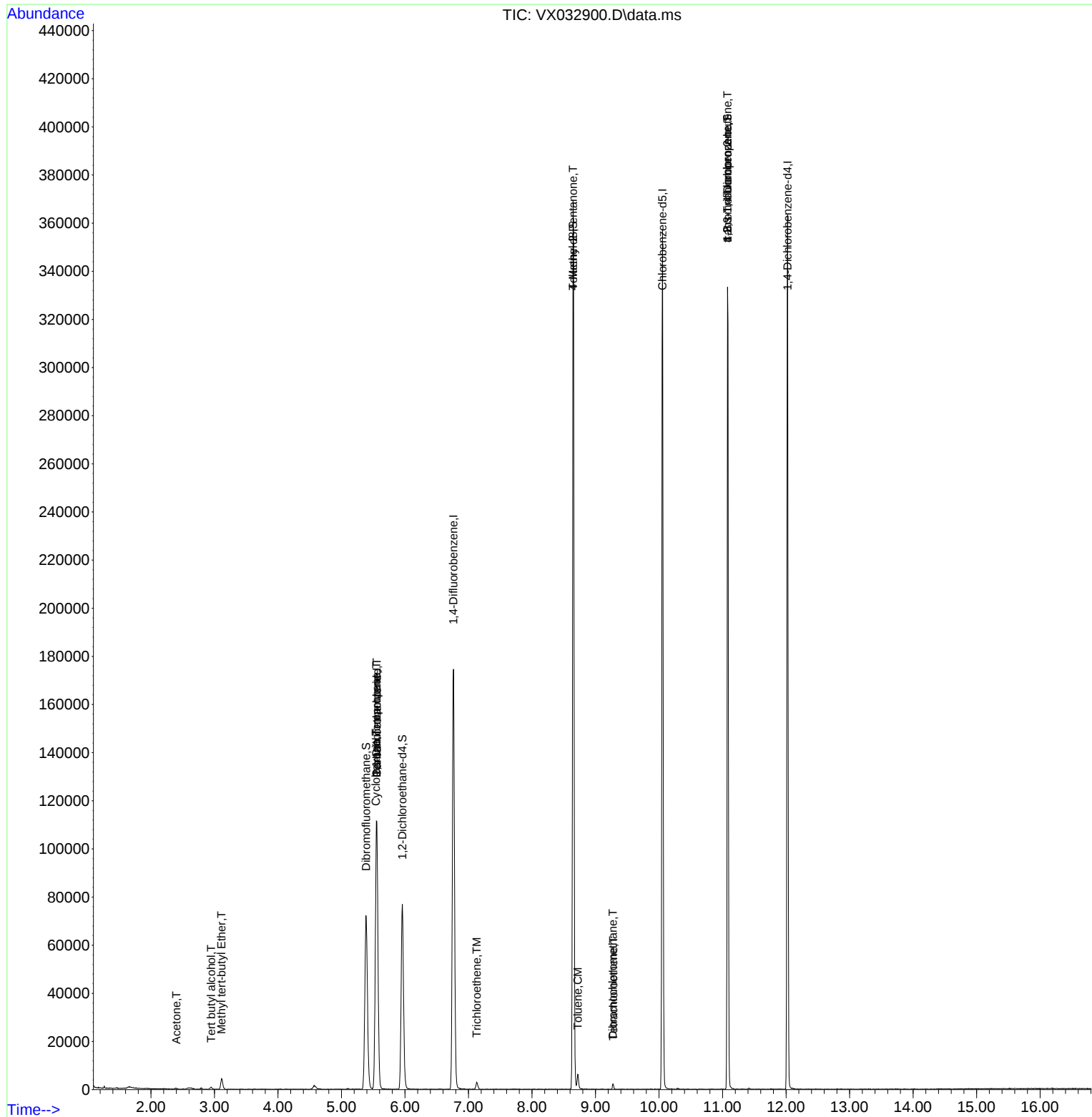
Internal Standards						
1) Pentafluorobenzene	5.556	168	107434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	177061	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77227	51.734	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.460%	
35) Dibromofluoromethane	5.385	113	61912	49.020	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.040%	
50) Toluene-d8	8.646	98	219992	50.093	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.180%	
62) 4-Bromofluorobenzene	11.079	95	84465	49.236	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.480%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	521	2.398	ug/l #	72
16) Acetone	2.398	43	642	1.183	ug/l #	45
19) Methyl tert-butyl Ether	3.111	73	4761	1.257	ug/l	97
31) Cyclohexane	5.543	56	2492	1.377	ug/l #	27
36) 1,1-Dichloropropene	5.549	75	7969	4.531	ug/l #	47
38) Carbon Tetrachloride	5.556	117	11084	5.682	ug/l #	16
44) Trichloroethene	7.128	130	1231	0.879	ug/l	99
51) 4-Methyl-2-Pentanone	8.646	43	996	0.563	ug/l #	1
52) Toluene	8.720	92	2461	0.758	ug/l	99
60) Dibromochloromethane	9.274	129	369	0.247	ug/l #	11
64) Tetrachloroethene	9.281	164	410	0.355	ug/l #	73
76) 1,2,3-Trichloropropane	11.079	75	45721	27.837	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	45721	88.577	ug/l #	6

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

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Instrument :
MSVOA_X
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MW178S-20221115

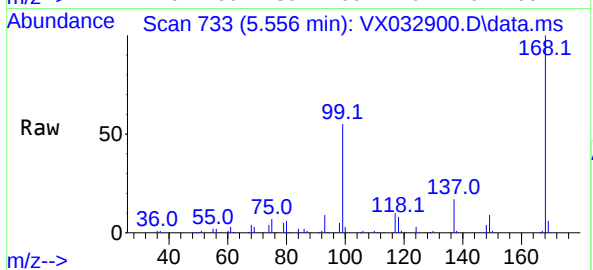
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration



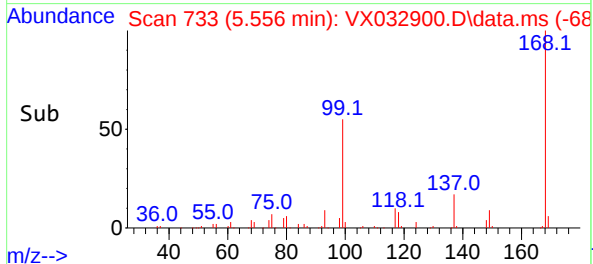
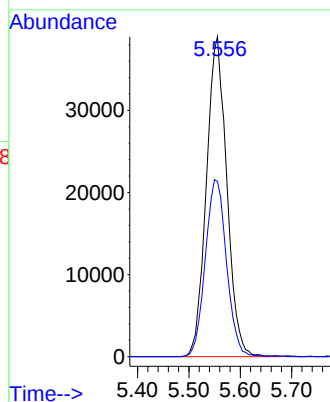


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032900.D
Acq: 17 Nov 2022 15:16

Instrument :
MSVOA_X
ClientSampleId :
MW178S-20221115

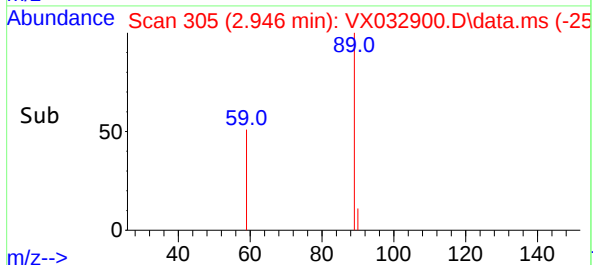
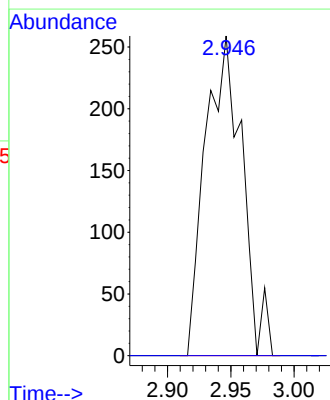
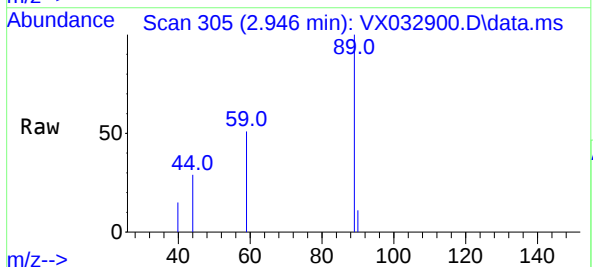


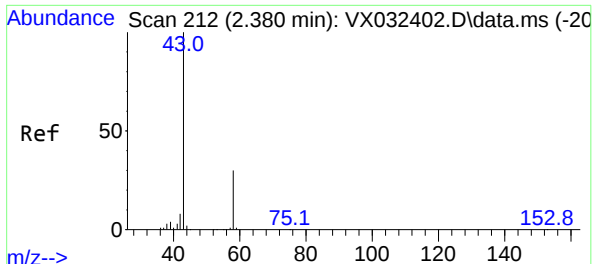
Tgt Ion:168 Resp: 107434
Ion Ratio Lower Upper
168 100
99 54.8 46.1 69.1



#11
Tert butyl alcohol
Concen: 2.398 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.019 min
Lab File: VX032900.D
Acq: 17 Nov 2022 15:16

Tgt Ion: 59 Resp: 521
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

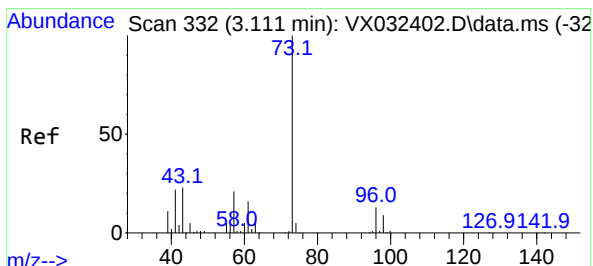
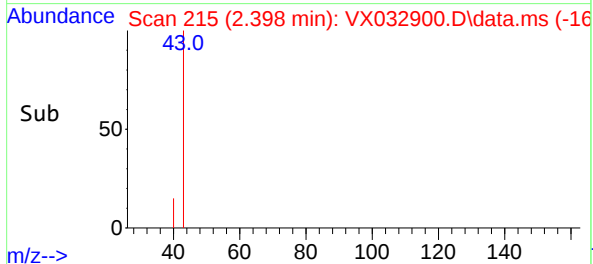
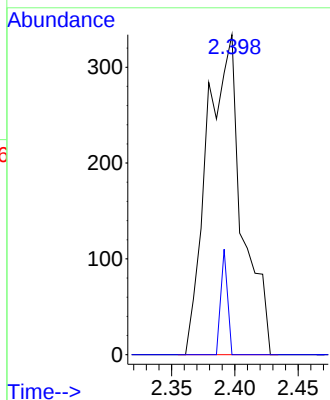
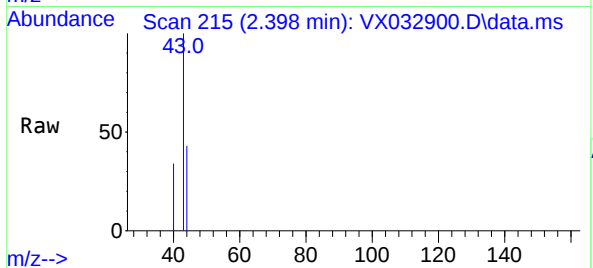




#16
Acetone
Concen: 1.183 ug/l
RT: 2.398 min Scan# 21
Delta R.T. 0.018 min
Lab File: VX032900.D
Acq: 17 Nov 2022 15:16

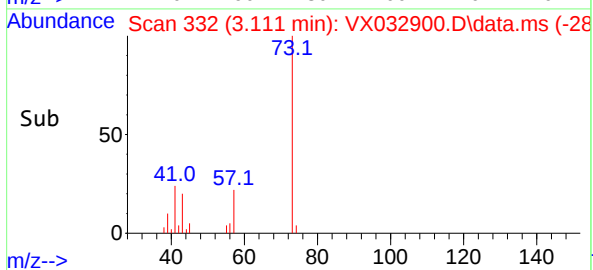
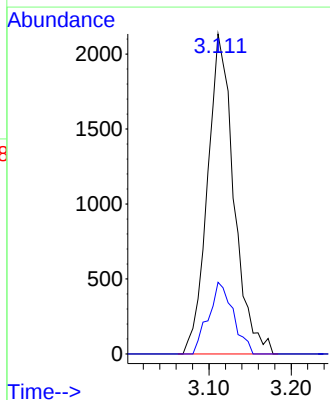
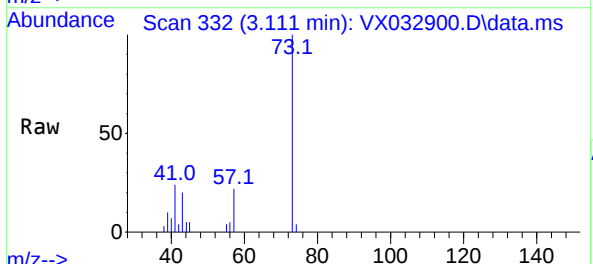
Instrument :
MSVOA_X
ClientSampleId :
MW178S-20221115

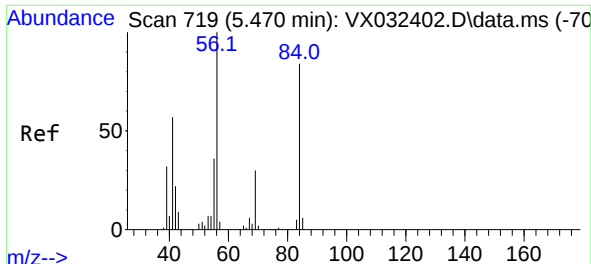
Tgt Ion: 43 Resp: 642
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#19
Methyl tert-butyl Ether
Concen: 1.257 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX032900.D
Acq: 17 Nov 2022 15:16

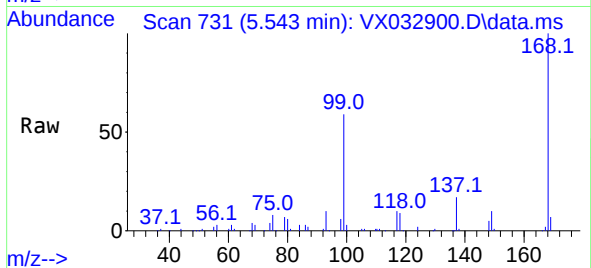
Tgt Ion: 73 Resp: 4761
Ion Ratio Lower Upper
73 100
57 22.4 16.6 25.0



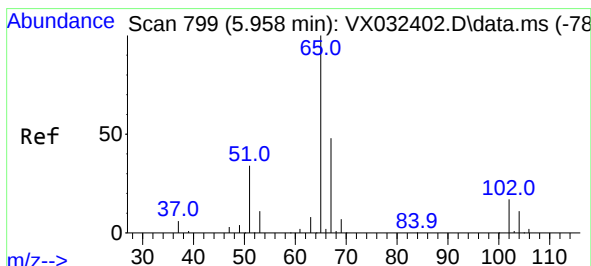
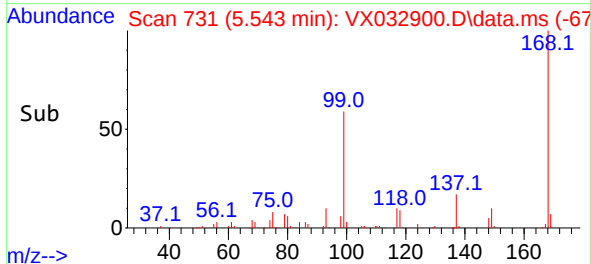
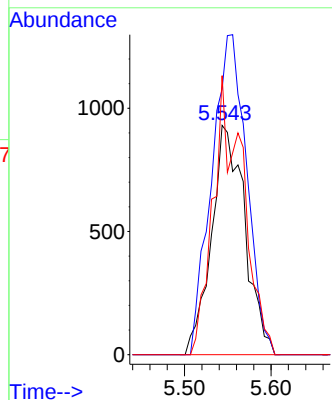


#31
Cyclohexane
Concen: 1.377 ug/l
RT: 5.543 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX032900.D
Acq: 17 Nov 2022 15:16

Instrument :
MSVOA_X
ClientSampleId :
MW178S-20221115

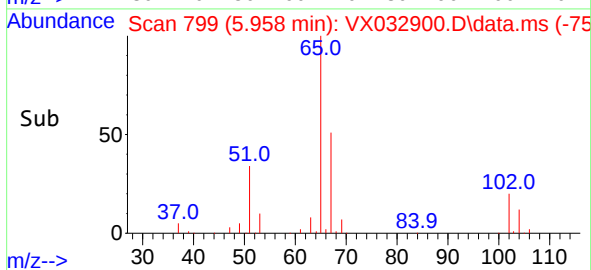
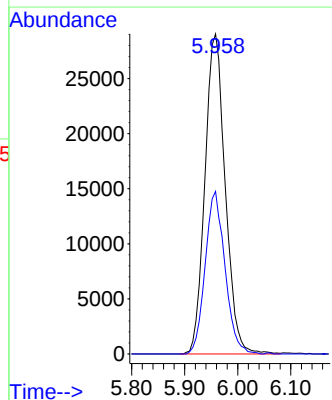
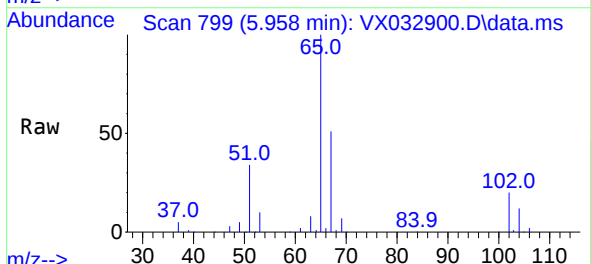


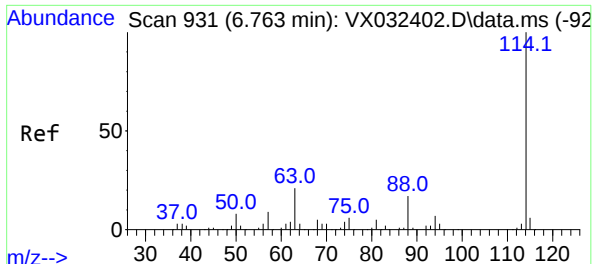
Tgt Ion: 56 Resp: 2492
Ion Ratio Lower Upper
56 100
69 115.8 24.1 36.1#
84 121.7 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 51.734 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032900.D
Acq: 17 Nov 2022 15:16

Tgt Ion: 65 Resp: 77227
Ion Ratio Lower Upper
65 100
67 49.5 0.0 101.8

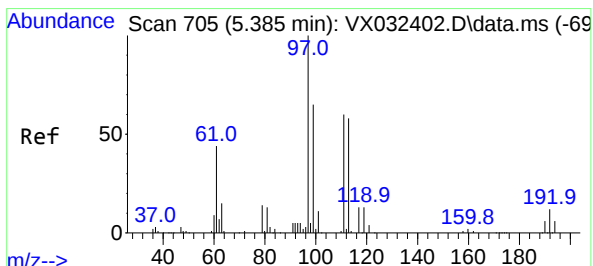
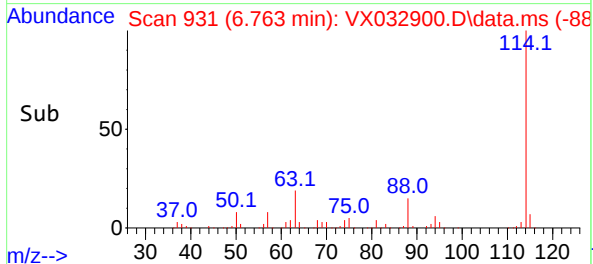
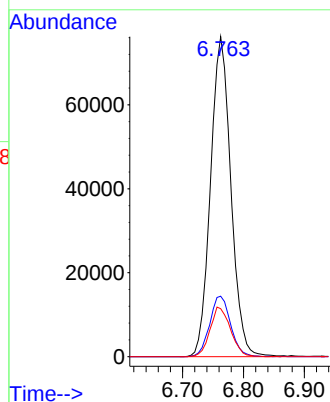
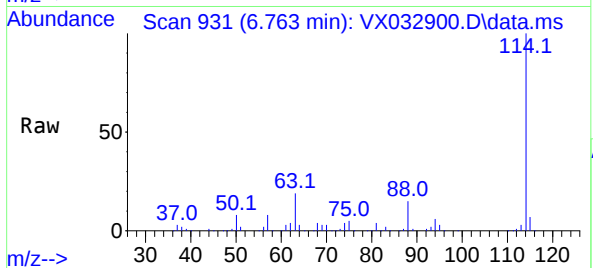




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032900.D
Acq: 17 Nov 2022 15:16

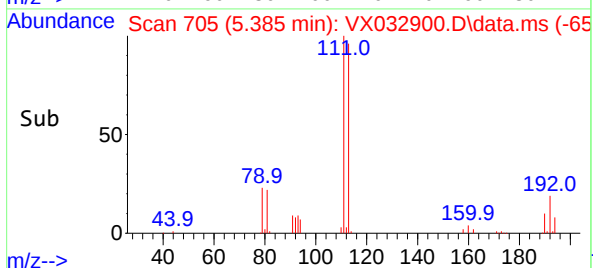
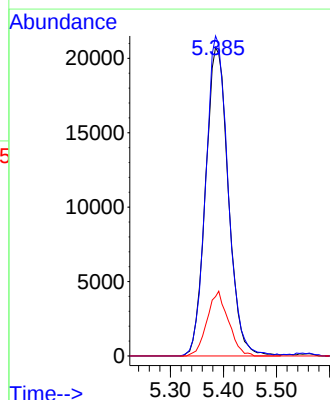
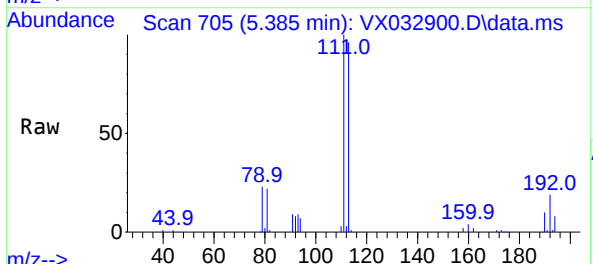
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ClientSampleId :
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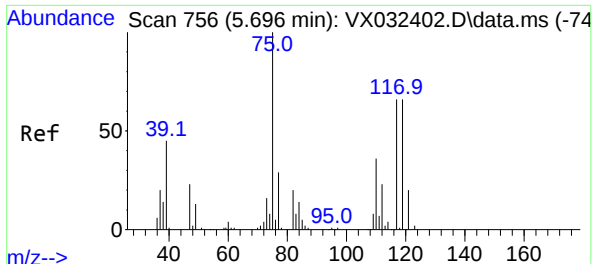
Tgt Ion:114 Resp: 177061
Ion Ratio Lower Upper
114 100
63 18.9 0.0 41.6
88 15.0 0.0 33.4



#35
Dibromofluoromethane
Concen: 49.020 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032900.D
Acq: 17 Nov 2022 15:16

Tgt Ion:113 Resp: 61912
Ion Ratio Lower Upper
113 100
111 101.7 82.4 123.6
192 19.6 15.4 23.2

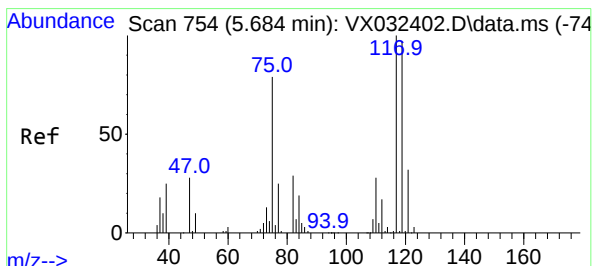
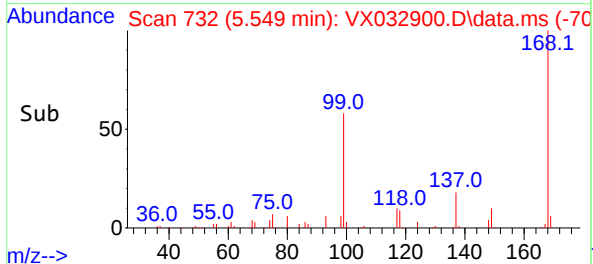
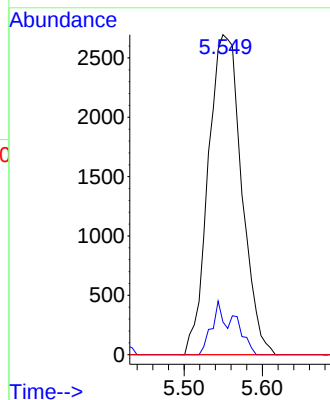
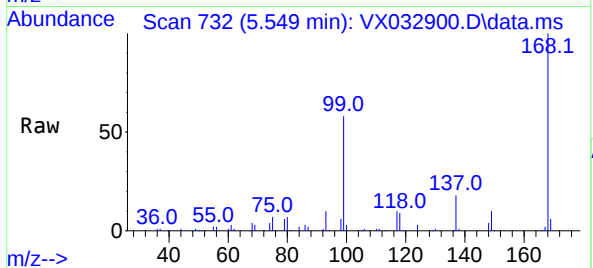




#36
1,1-Dichloropropene
Concen: 4.531 ug/l
RT: 5.549 min Scan# 713
Delta R.T. -0.147 min
Lab File: VX032900.D
Acq: 17 Nov 2022 15:16

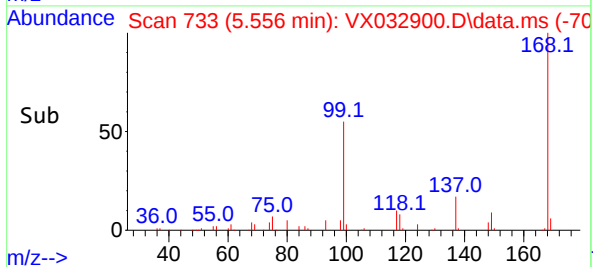
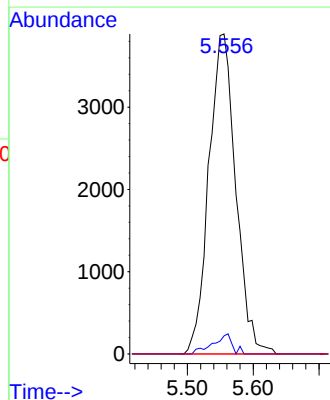
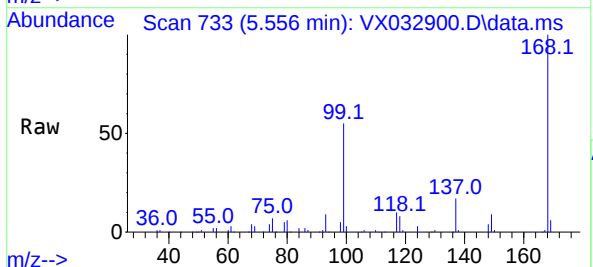
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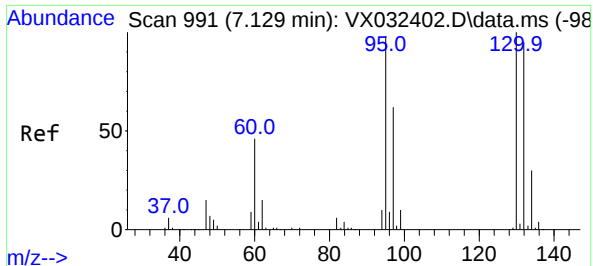
Tgt Ion: 75 Resp: 7969
Ion Ratio Lower Upper
75 100
110 6.7 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.682 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX032900.D
Acq: 17 Nov 2022 15:16

Tgt Ion: 117 Resp: 11084
Ion Ratio Lower Upper
117 100
119 5.7 77.2 115.8#
121 0.0 25.8 38.6#

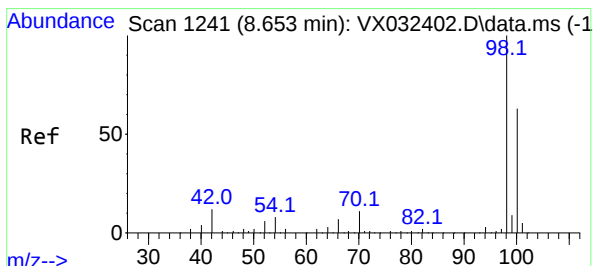
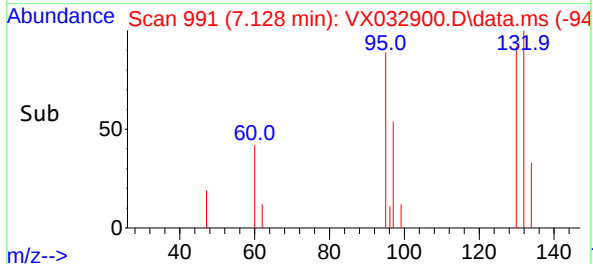
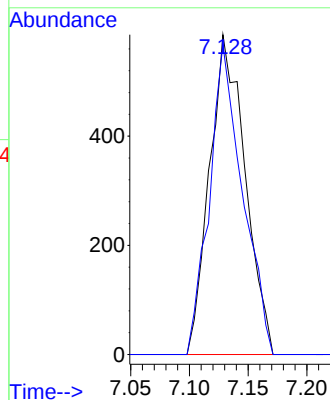
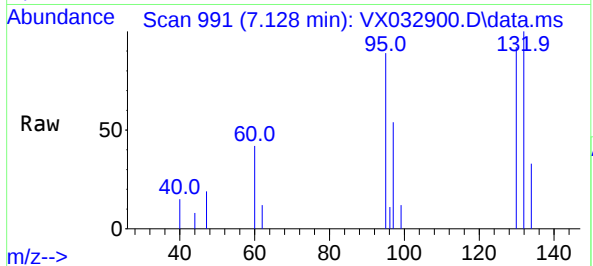




#44
Trichloroethene
Concen: 0.879 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX032900.D
Acq: 17 Nov 2022 15:16

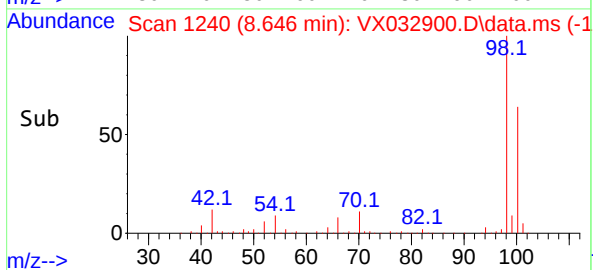
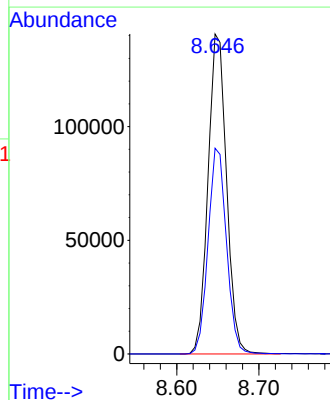
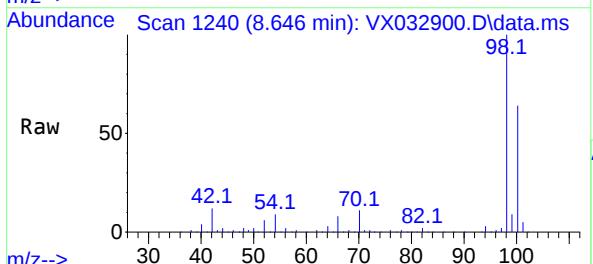
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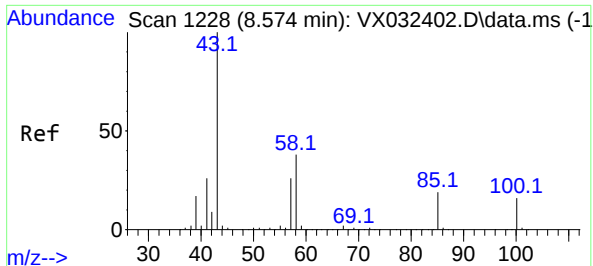
Tgt Ion:130 Resp: 1231
Ion Ratio Lower Upper
130 100
95 96.9 0.0 195.2



#50
Toluene-d8
Concen: 50.093 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032900.D
Acq: 17 Nov 2022 15:16

Tgt Ion: 98 Resp: 219992
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.563 ug/l

RT: 8.646 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX032900.D

Acq: 17 Nov 2022 15:16

Instrument :

MSVOA_X

ClientSampleId :

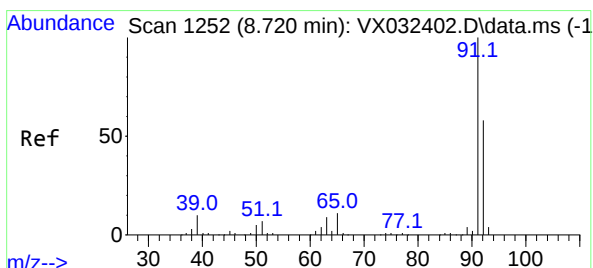
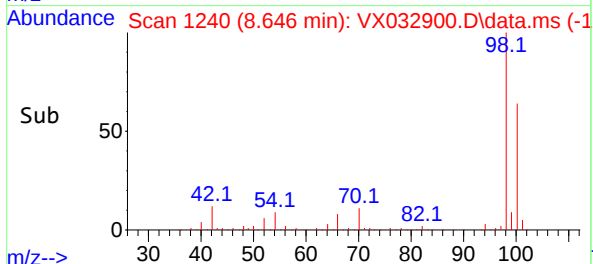
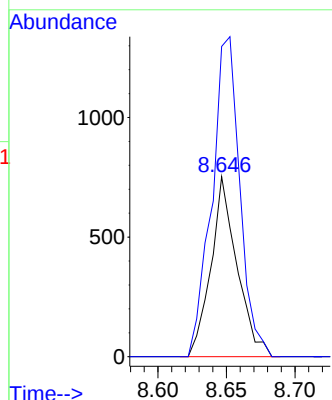
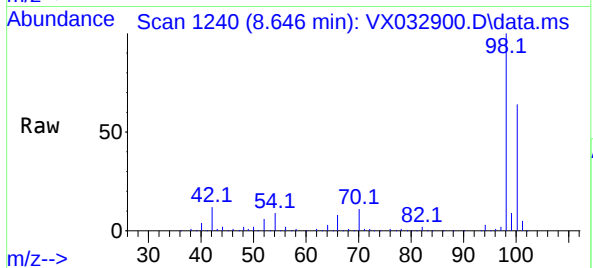
MW178S-20221115

Tgt Ion: 43 Resp: 996

Ion Ratio Lower Upper

43 100

58 191.2 30.9 46.3#



#52

Toluene

Concen: 0.758 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX032900.D

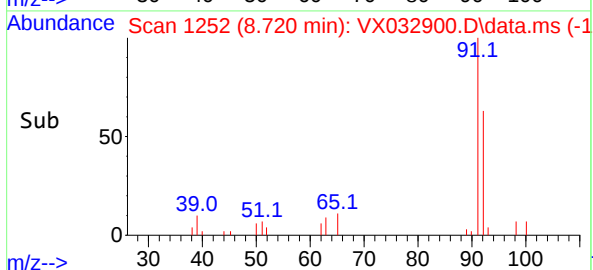
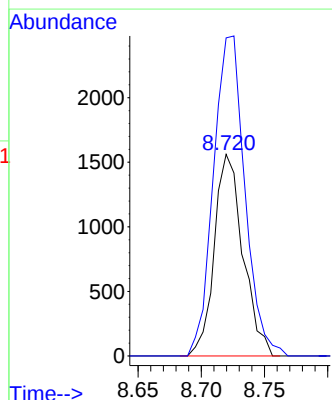
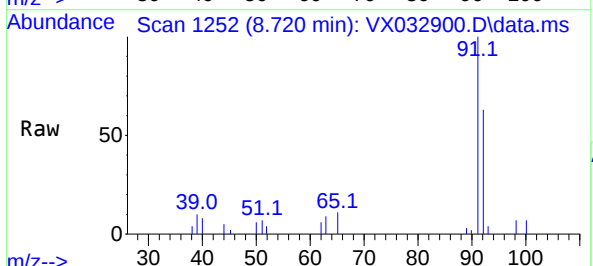
Acq: 17 Nov 2022 15:16

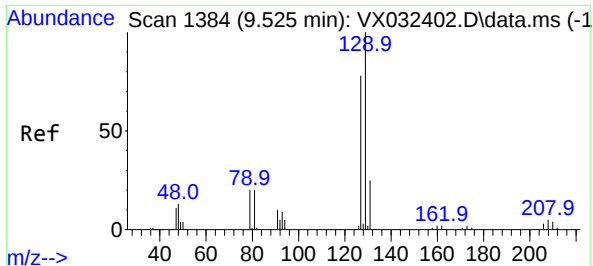
Tgt Ion: 92 Resp: 2461

Ion Ratio Lower Upper

92 100

91 174.3 138.3 207.5

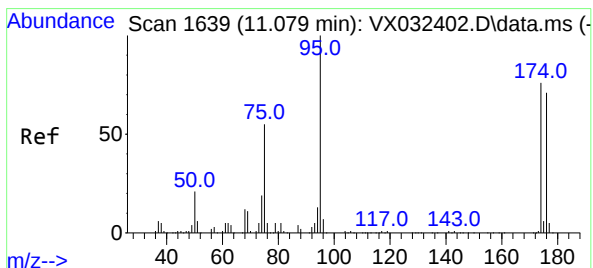
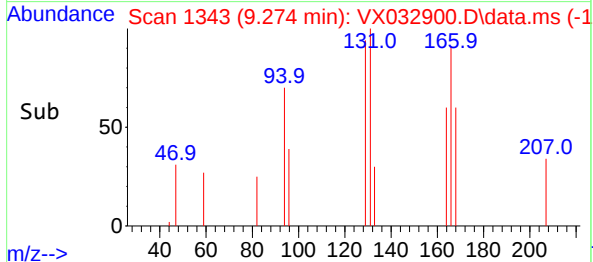
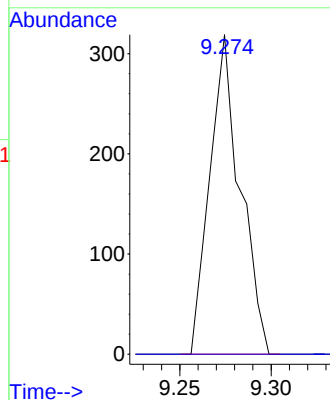
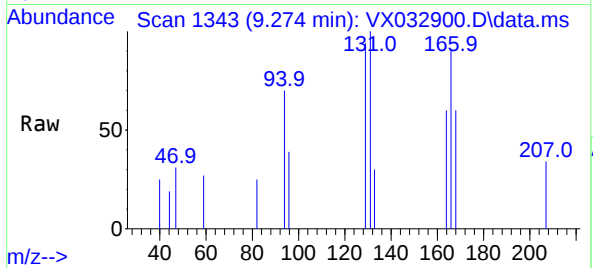




#60
Dibromochloromethane
Concen: 0.247 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX032900.D
Acq: 17 Nov 2022 15:16

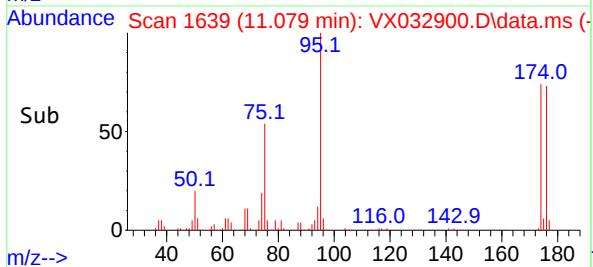
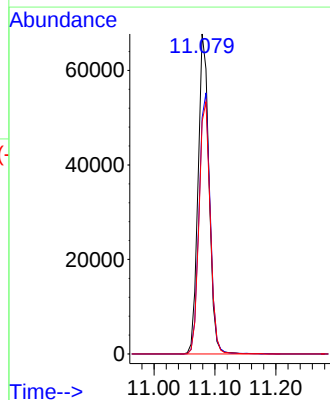
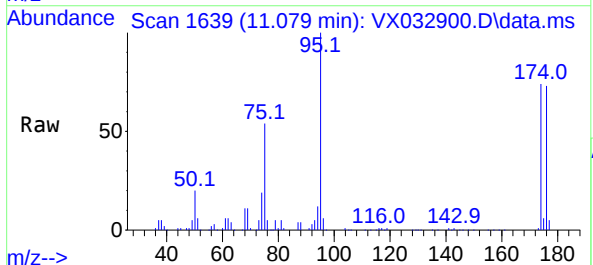
Instrument :
MSVOA_X
ClientSampleId :
MW178S-20221115

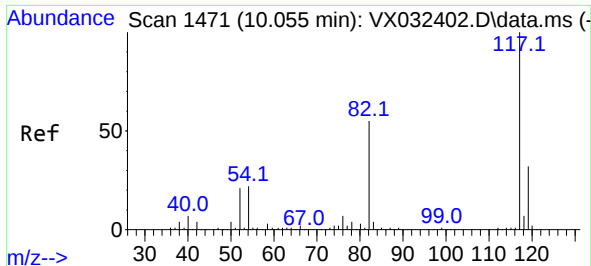
Tgt Ion:129 Resp: 369
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 49.236 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032900.D
Acq: 17 Nov 2022 15:16

Tgt Ion: 95 Resp: 84465
Ion Ratio Lower Upper
95 100
174 82.7 0.0 164.0
176 80.3 0.0 154.4

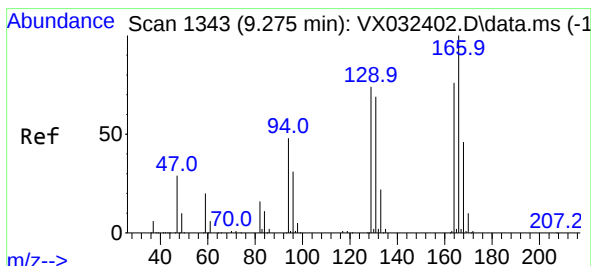
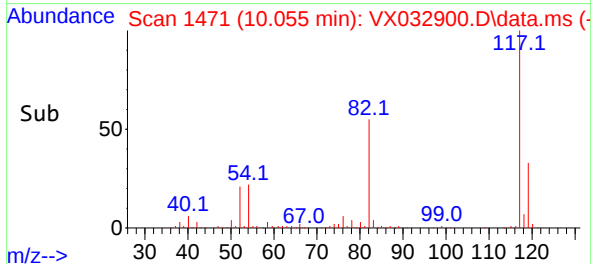
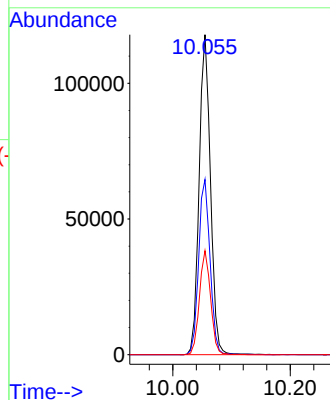
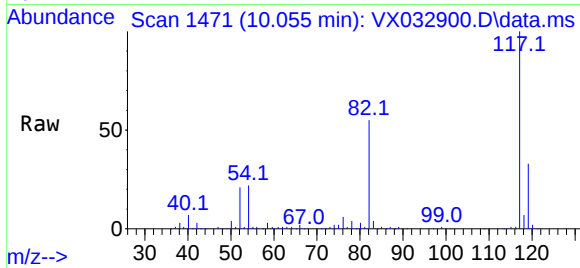




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032900.D
Acq: 17 Nov 2022 15:16

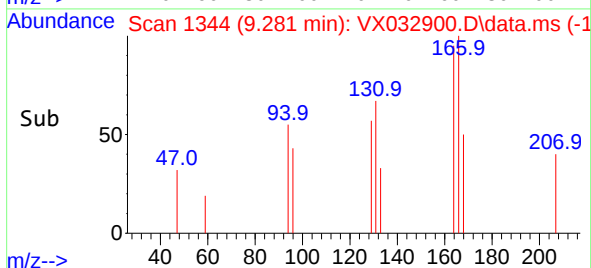
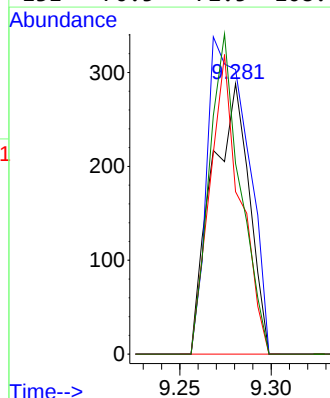
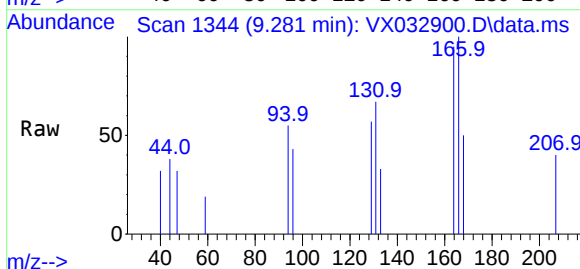
Instrument :
MSVOA_X
ClientSampleId :
MW178S-20221115

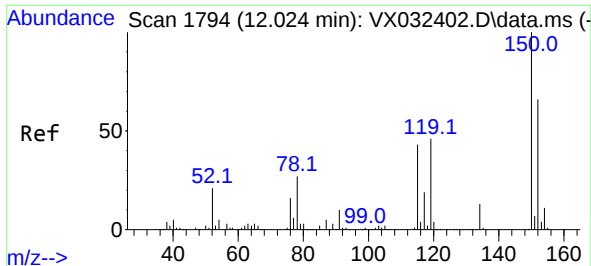
Tgt Ion:117 Resp: 157725
Ion Ratio Lower Upper
117 100
82 54.8 44.3 66.5
119 32.5 25.7 38.5



#64
Tetrachloroethene
Concen: 0.355 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX032900.D
Acq: 17 Nov 2022 15:16

Tgt Ion:164 Resp: 410
Ion Ratio Lower Upper
164 100
166 105.2 105.4 158.2#
129 60.1 78.2 117.2#
131 70.5 72.5 108.7#

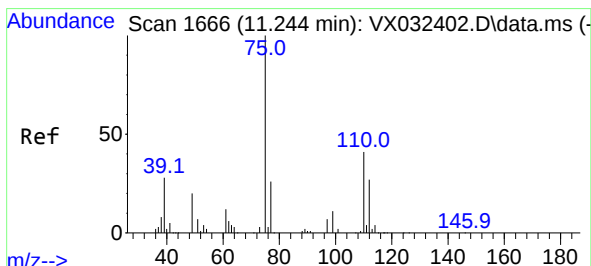
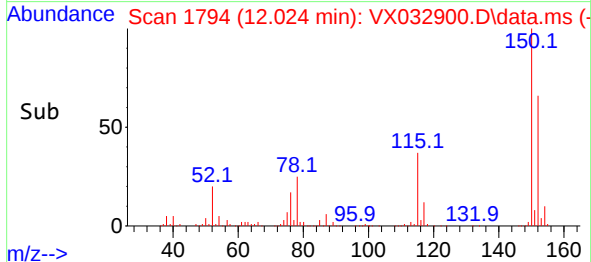
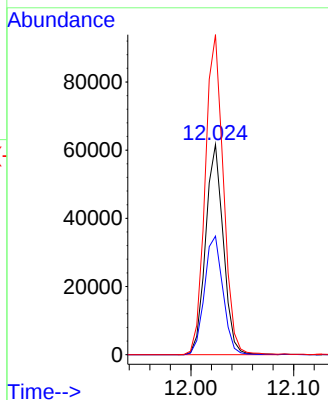
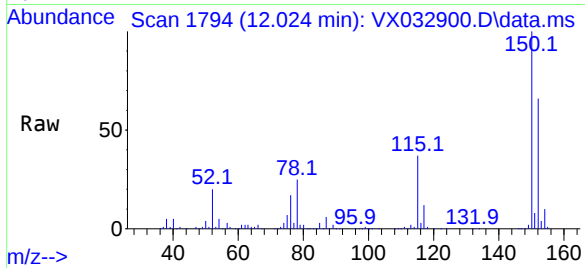




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032900.D
Acq: 17 Nov 2022 15:16

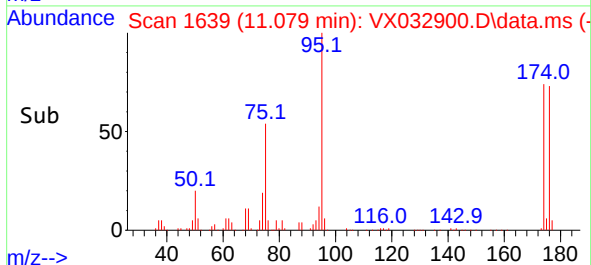
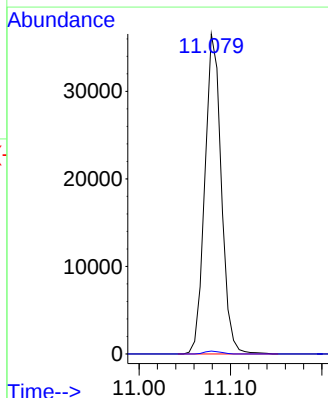
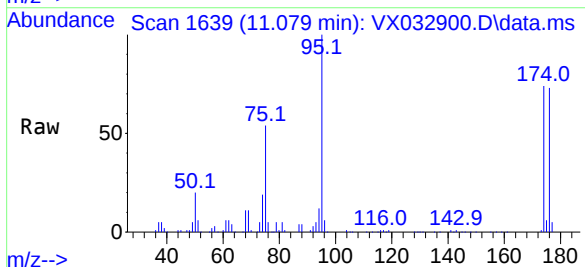
Instrument :
MSVOA_X
ClientSampleId :
MW178S-20221115

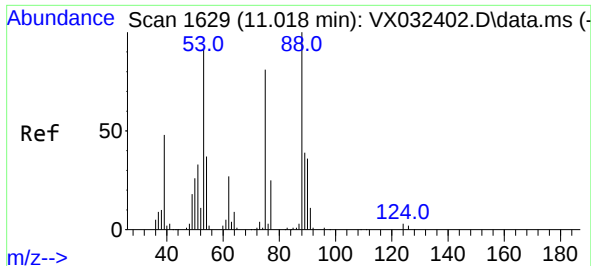
Tgt Ion:152 Resp: 73827
Ion Ratio Lower Upper
152 100
115 59.0 44.0 132.0
150 156.9 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.837 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032900.D
Acq: 17 Nov 2022 15:16

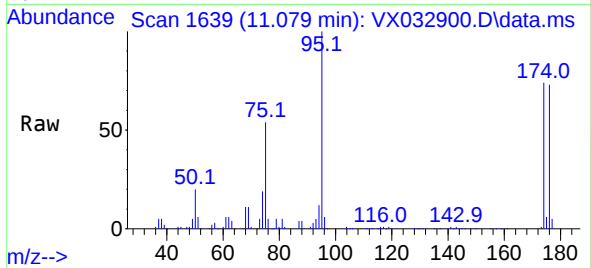
Tgt Ion: 75 Resp: 45721
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 88.577 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX032900.D
Acq: 17 Nov 2022 15:16

Instrument :
MSVOA_X
ClientSampleId :
MW178S-20221115



Tgt Ion: 75 Resp: 45721
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

