

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083121\
 Data File : VX024043.D
 Acq On : 31 Aug 2021 14:49
 Operator : JC/MD
 Sample : M3584-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WEST-DITCH-IN-20210827

Quant Time: Sep 01 05:02:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

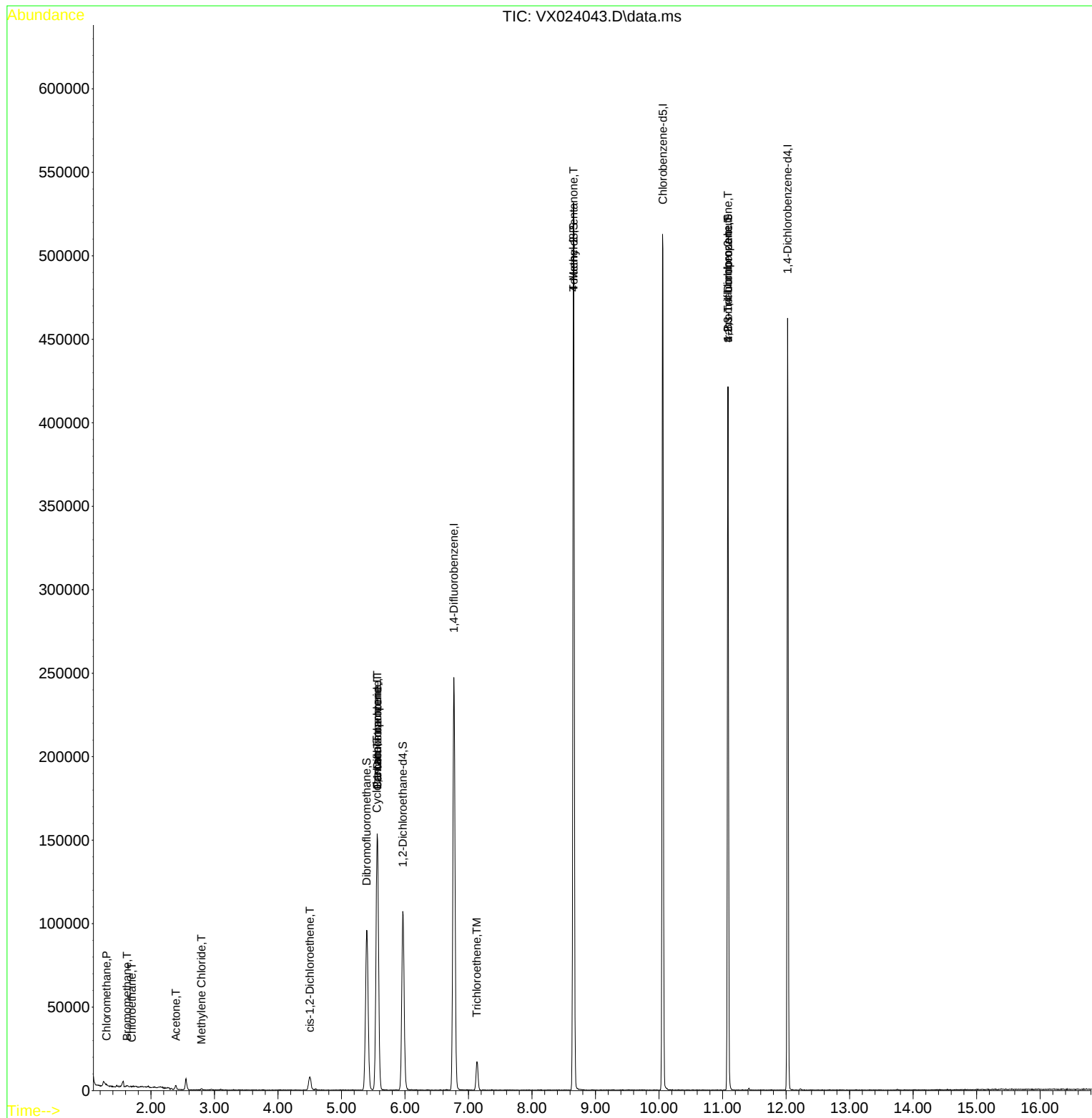
Internal Standards						
1) Pentafluorobenzene	5.562	168	141182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	245666	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	227015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89877	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	108568	55.098	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.200%			
35) Dibromofluoromethane	5.397	113	82086	50.483	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.960%			
50) Toluene-d8	8.653	98	301592	48.733	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.460%			
62) 4-Bromofluorobenzene	11.085	95	106188	46.610	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.220%			
Target Compounds						Qvalue
3) Chloromethane	1.300	50	369	0.226	ug/l #	84
5) Bromomethane	1.623	94	464	0.463	ug/l #	50
6) Chloroethane	1.696	64	267	2.409	ug/l #	43
16) Acetone	2.391	43	2821	3.202	ug/l	89
20) Methylene Chloride	2.794	84	348	0.207	ug/l #	71
27) cis-1,2-Dichloroethene	4.501	96	4947	2.873	ug/l	97
31) Cyclohexane	5.556	56	3708	1.465	ug/l #	52
36) 1,1-Dichloropropene	5.562	75	11384	5.004	ug/l #	45
38) Carbon Tetrachloride	5.562	117	15107	6.368	ug/l #	17
44) Trichloroethene	7.128	130	6384	3.435	ug/l	96
51) 4-Methyl-2-Pentanone	8.653	43	1466	0.518	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	58070	27.697	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	58070	81.473	ug/l #	12

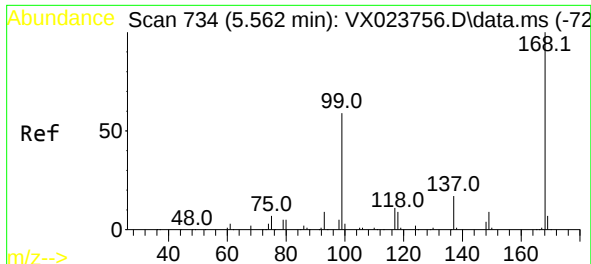
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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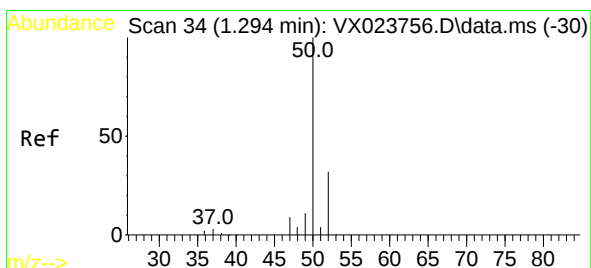
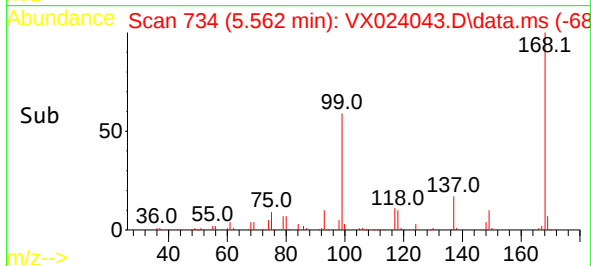
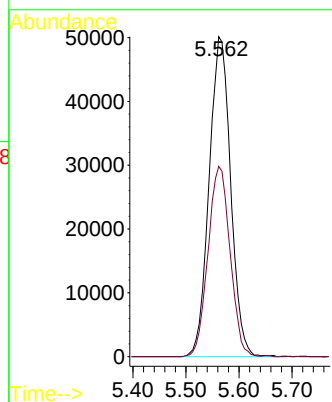
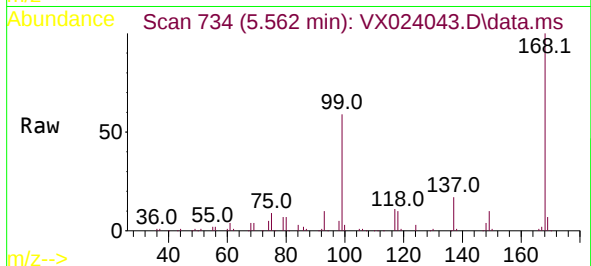




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024043.D
Acq: 31 Aug 2021 14:49

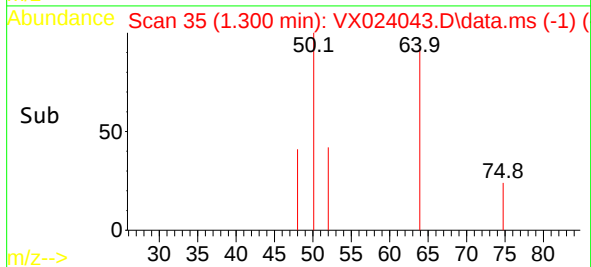
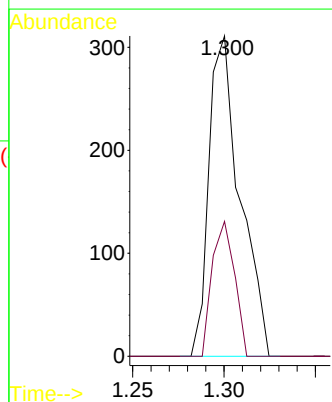
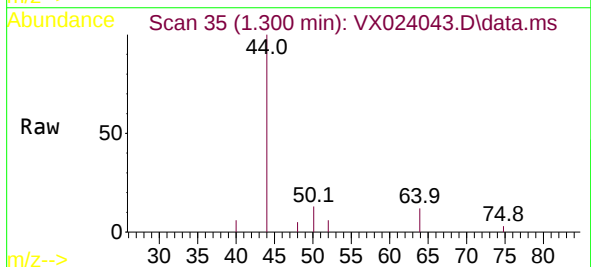
Instrument :
MSVOA_X
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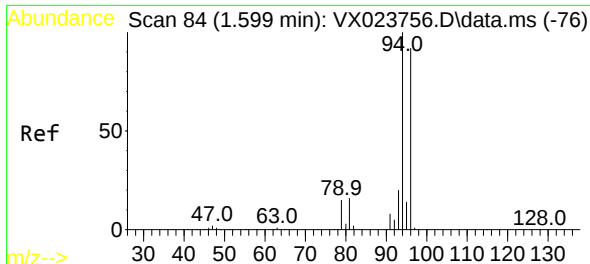
Tgt Ion:168 Resp: 141182
Ion Ratio Lower Upper
168 100
99 59.4 45.8 68.6



#3
Chloromethane
Concen: 0.226 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX024043.D
Acq: 31 Aug 2021 14:49

Tgt Ion: 50 Resp: 369
Ion Ratio Lower Upper
50 100
52 42.1 26.4 39.6#

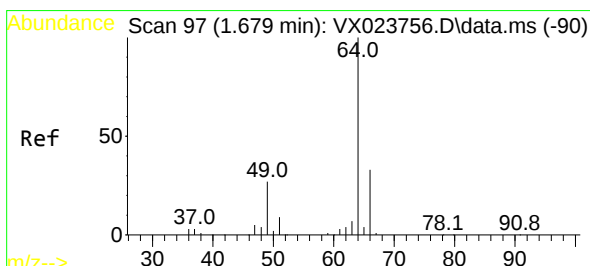
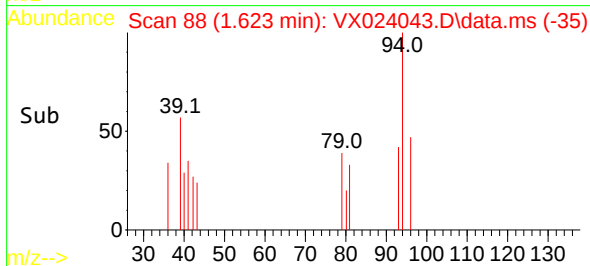
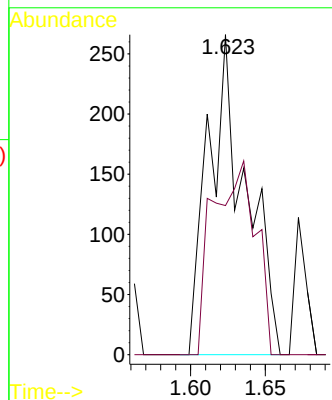
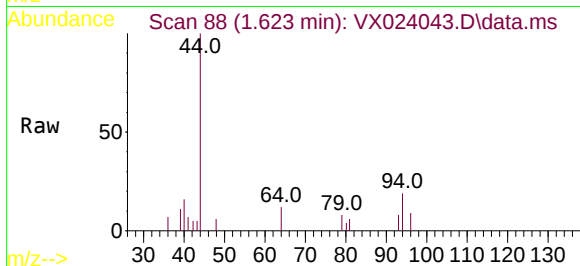




#5
Bromomethane
Concen: 0.463 ug/l
RT: 1.623 min Scan# 88
Delta R.T. 0.024 min
Lab File: VX024043.D
Acq: 31 Aug 2021 14:49

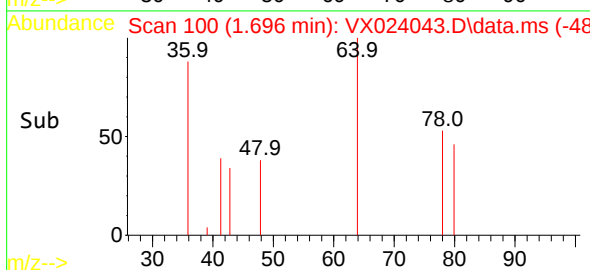
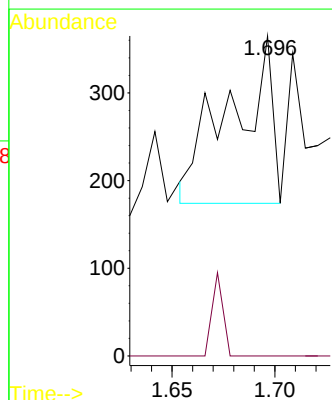
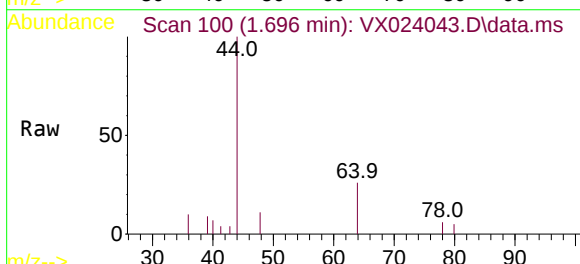
Instrument :
MSVOA_X
ClientSampleId :
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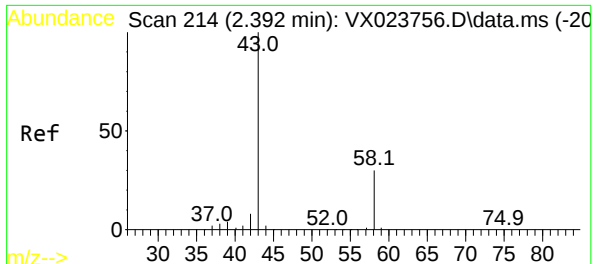
Tgt Ion: 94 Resp: 464
Ion Ratio Lower Upper
94 100
96 46.6 76.4 114.6#



#6
Chloroethane
Concen: 2.409 ug/l
RT: 1.696 min Scan# 100
Delta R.T. 0.017 min
Lab File: VX024043.D
Acq: 31 Aug 2021 14:49

Tgt Ion: 64 Resp: 267
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

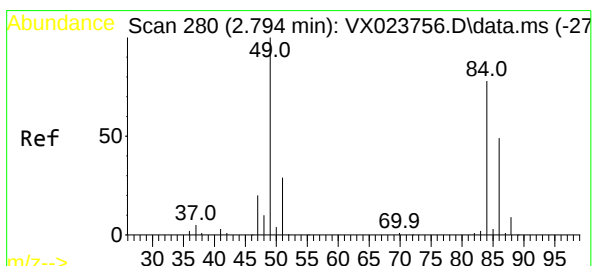
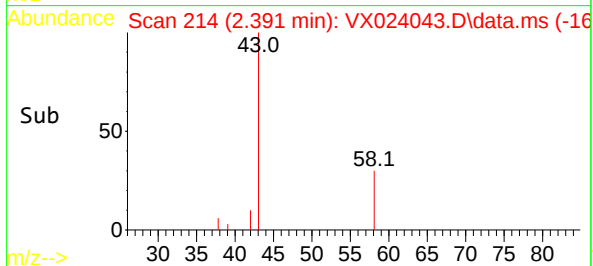
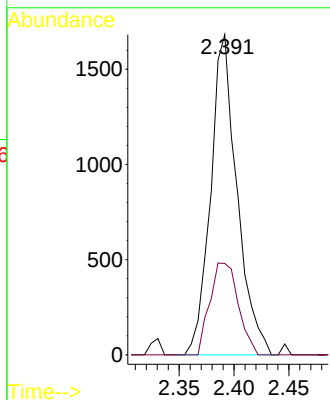
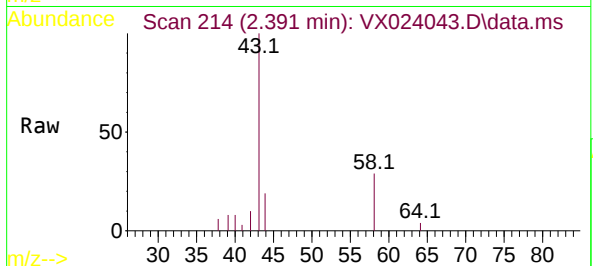




#16
Acetone
Concen: 3.202 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.001 min
Lab File: VX024043.D
Acq: 31 Aug 2021 14:49

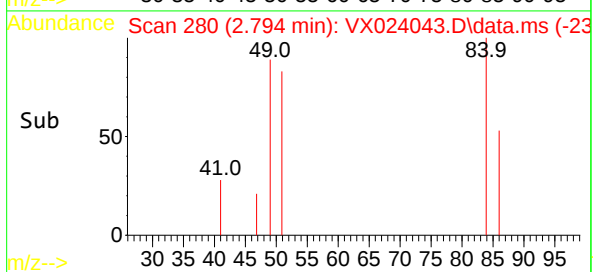
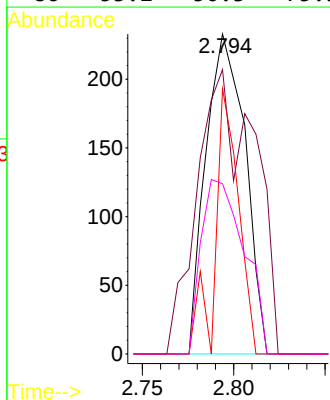
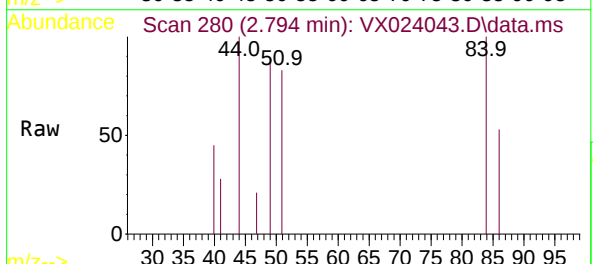
Instrument :
MSVOA_X
ClientSampleId :
WEST-DITCH-IN-20210827

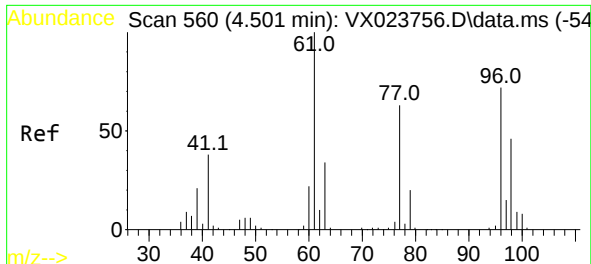
Tgt Ion: 43 Resp: 2821
Ion Ratio Lower Upper
43 100
58 28.5 27.8 41.8



#20
Methylene Chloride
Concen: 0.207 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX024043.D
Acq: 31 Aug 2021 14:49

Tgt Ion: 84 Resp: 348
Ion Ratio Lower Upper
84 100
49 88.8 88.6 132.8
51 82.8 27.0 40.6#
86 53.2 50.3 75.5

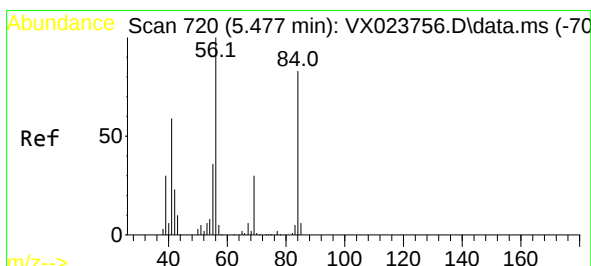
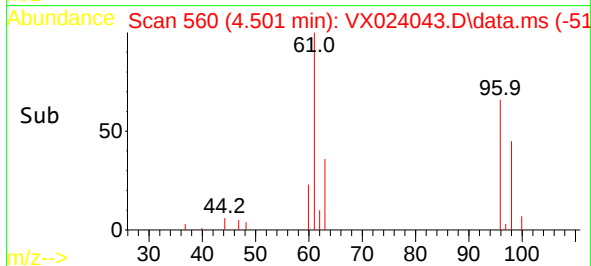
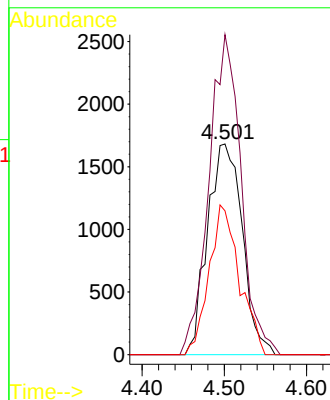
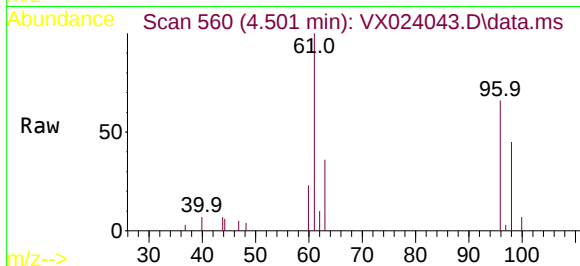




#27
cis-1,2-Dichloroethene
Concen: 2.873 ug/l
RT: 4.501 min Scan# 560
Delta R.T. -0.000 min
Lab File: VX024043.D
Acq: 31 Aug 2021 14:49

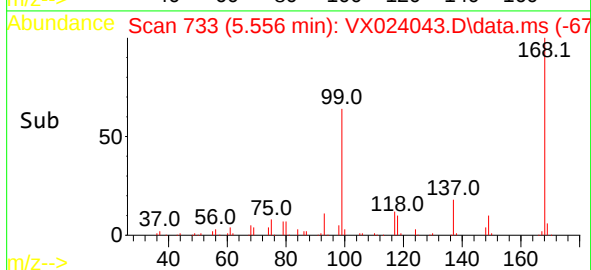
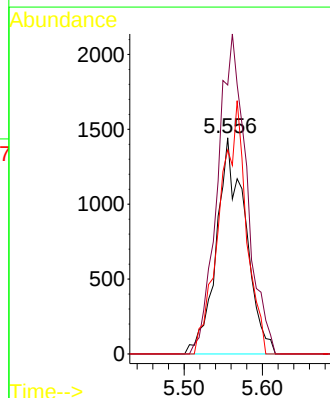
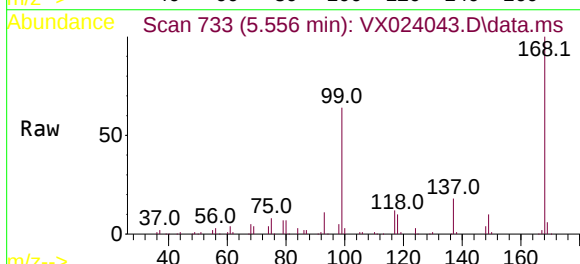
Instrument :
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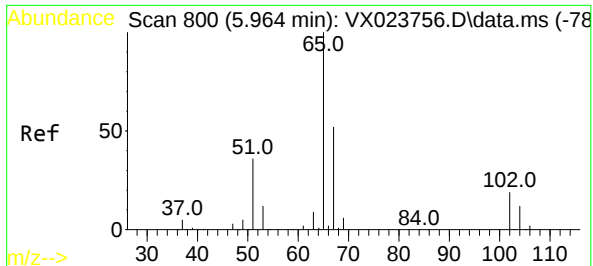
Tgt Ion:	96	Resp:	4947
Ion	Ratio	Lower	Upper
96	100		
61	139.9	0.0	285.6
98	62.1	0.0	129.6



#31
Cyclohexane
Concen: 1.465 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024043.D
Acq: 31 Aug 2021 14:49

Tgt Ion:	56	Resp:	3708
Ion	Ratio	Lower	Upper
56	100		
69	124.4	25.3	37.9#
84	94.3	71.4	107.0



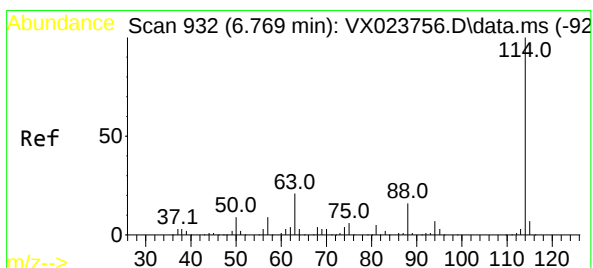
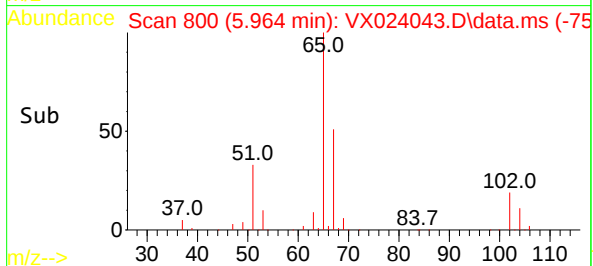
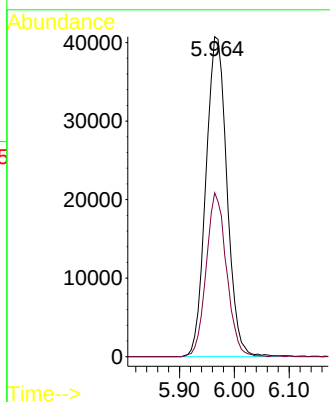
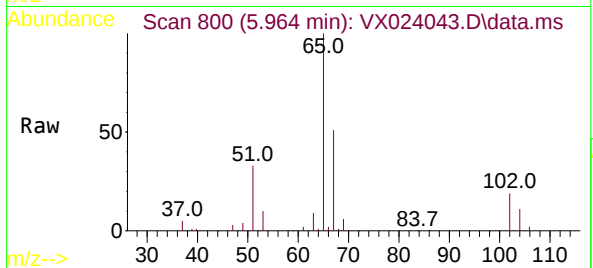


#33

1,2-Dichloroethane-d4
Concen: 55.098 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024043.D
Acq: 31 Aug 2021 14:49

Instrument :
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ClientSampleId :
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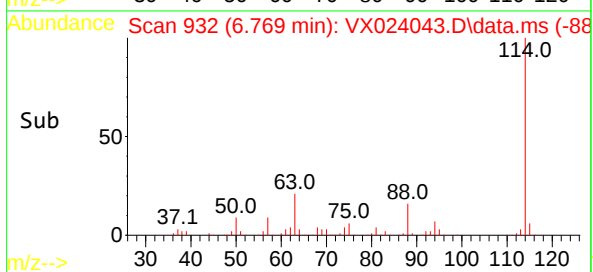
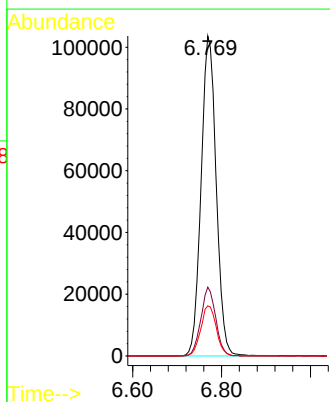
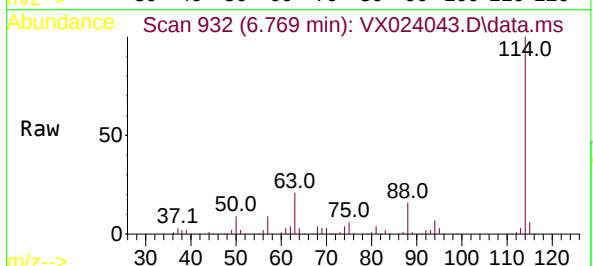
Tgt Ion: 65 Resp: 108568
Ion Ratio Lower Upper
65 100
67 49.4 0.0 105.4

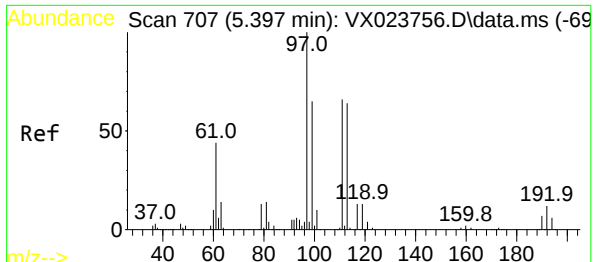


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024043.D
Acq: 31 Aug 2021 14:49

Tgt Ion: 114 Resp: 245666
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.8
88 15.7 0.0 32.8

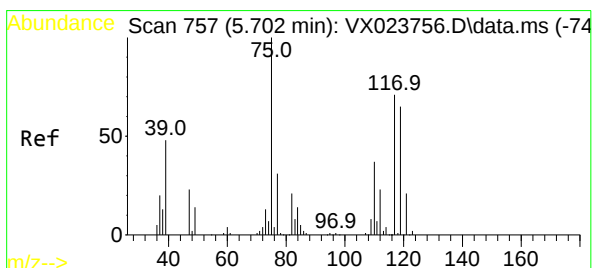
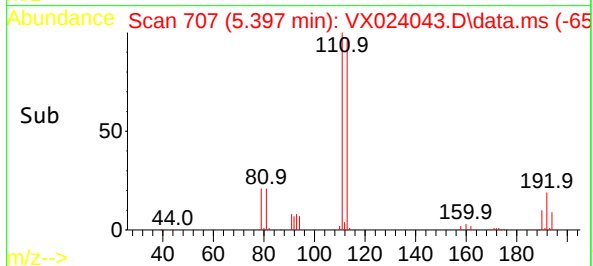
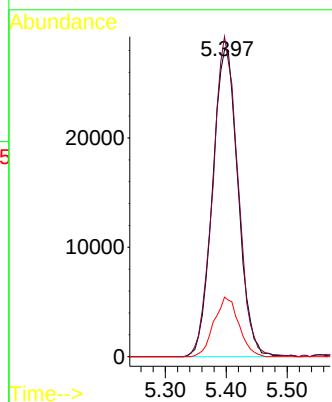
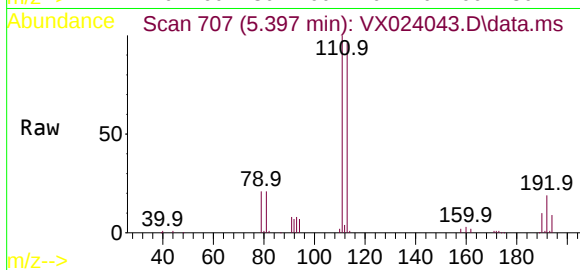




#35
Dibromofluoromethane
Concen: 50.483 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024043.D
Acq: 31 Aug 2021 14:49

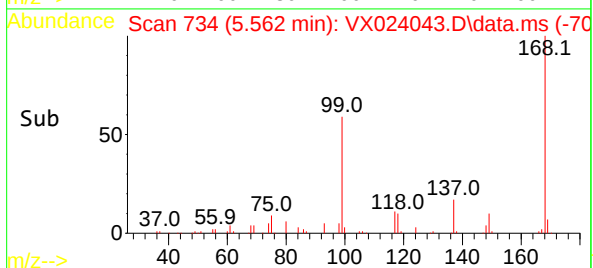
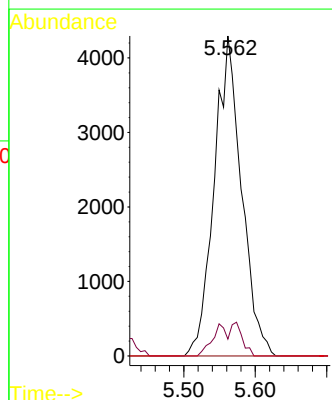
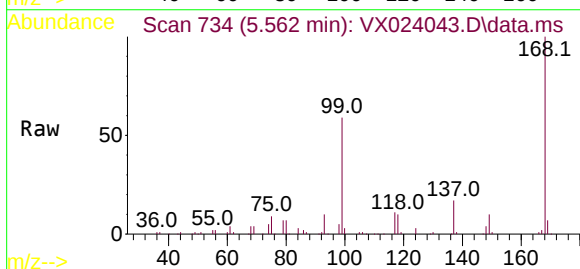
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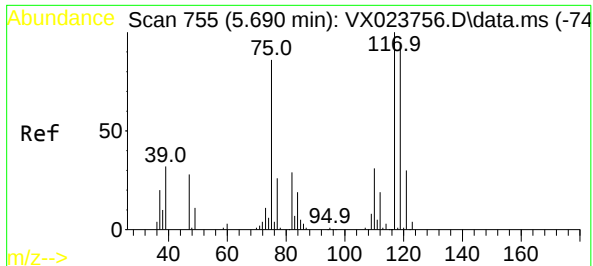
Tgt Ion:113 Resp: 82086
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 18.8 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.004 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024043.D
Acq: 31 Aug 2021 14:49

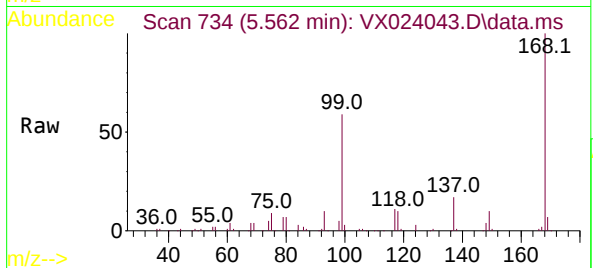
Tgt Ion: 75 Resp: 11384
Ion Ratio Lower Upper
75 100
110 4.4 18.1 54.4#
77 0.0 25.3 37.9#



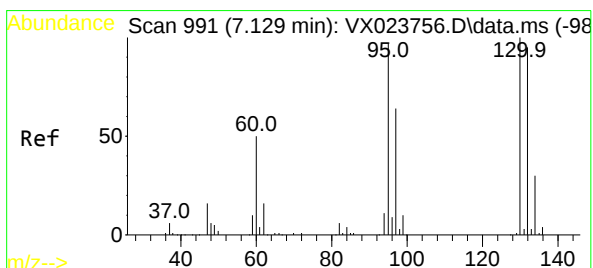
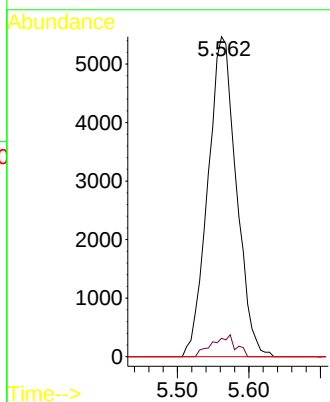
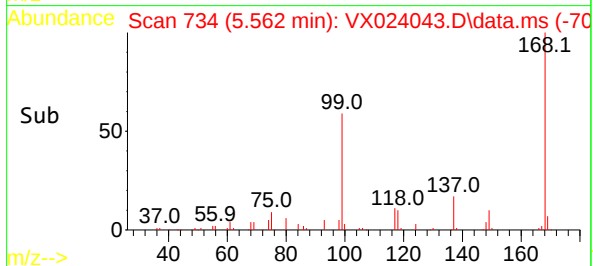


#38
Carbon Tetrachloride
Concen: 6.368 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024043.D
Acq: 31 Aug 2021 14:49

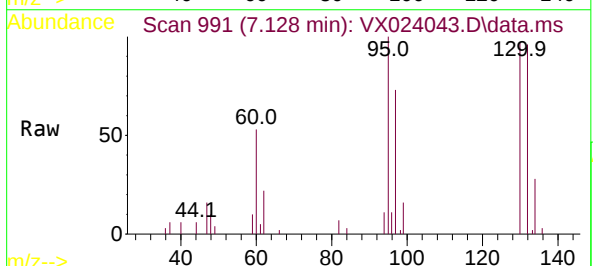
Instrument :
MSVOA_X
ClientSampleId :
WEST-DITCH-IN-20210827



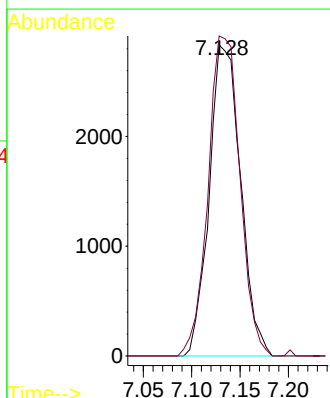
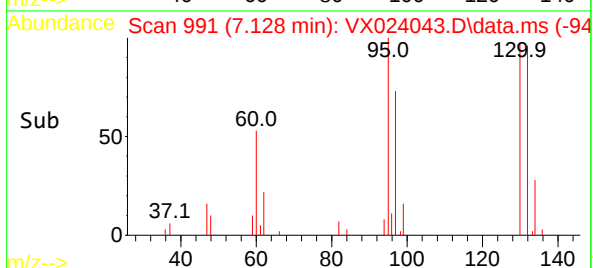
Tgt Ion:117 Resp: 15107
Ion Ratio Lower Upper
117 100
119 5.8 76.2 114.2#
121 0.0 24.8 37.2#

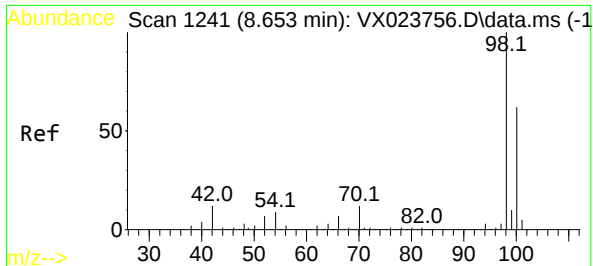


#44
Trichloroethene
Concen: 3.435 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.001 min
Lab File: VX024043.D
Acq: 31 Aug 2021 14:49



Tgt Ion:130 Resp: 6384
Ion Ratio Lower Upper
130 100
95 102.9 0.0 198.0

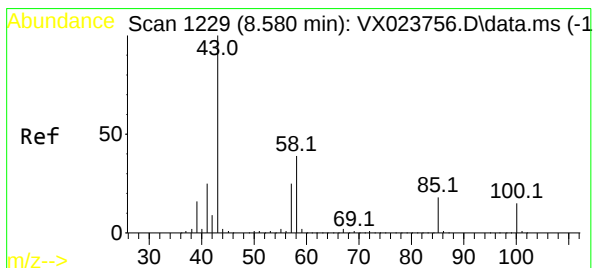
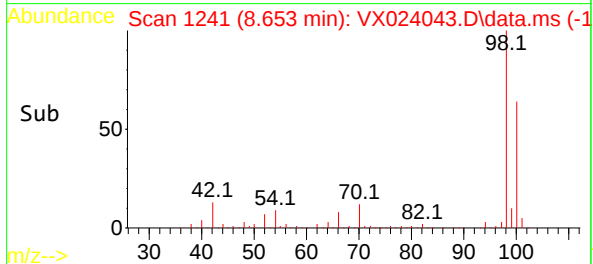
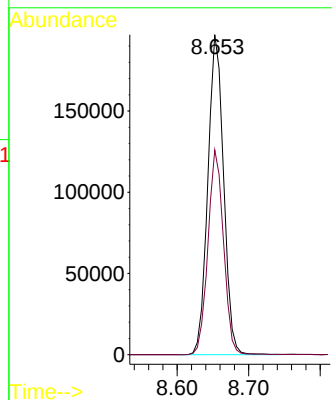
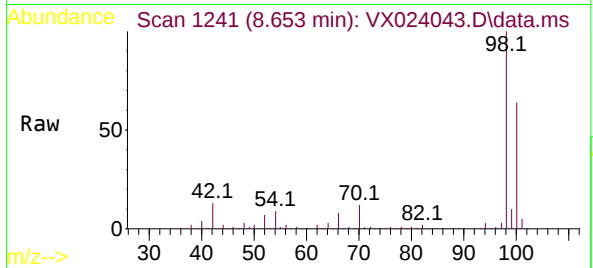




#50
Toluene-d8
Concen: 48.733 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024043.D
Acq: 31 Aug 2021 14:49

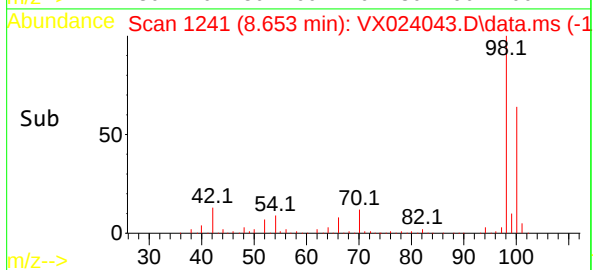
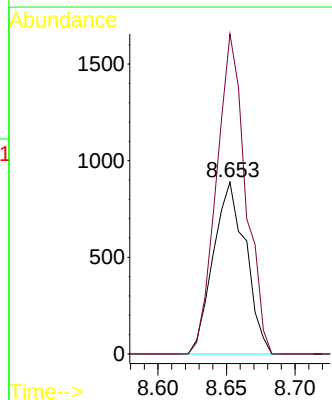
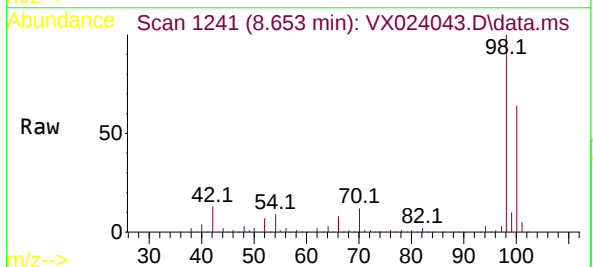
Instrument :
MSVOA_X
ClientSampleId :
WEST-DITCH-IN-20210827

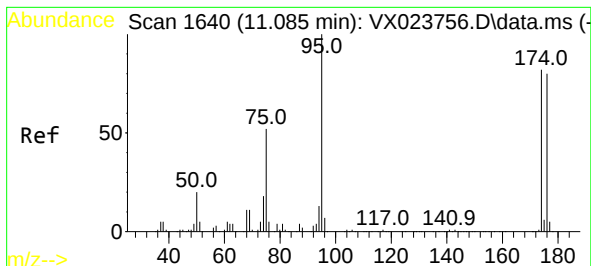
Tgt Ion: 98 Resp: 301592
Ion Ratio Lower Upper
98 100
100 63.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.518 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024043.D
Acq: 31 Aug 2021 14:49

Tgt Ion: 43 Resp: 1466
Ion Ratio Lower Upper
43 100
58 167.9 35.4 53.0#

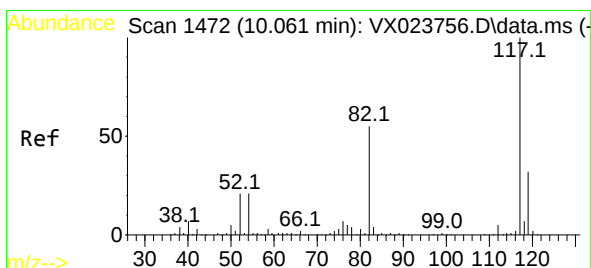
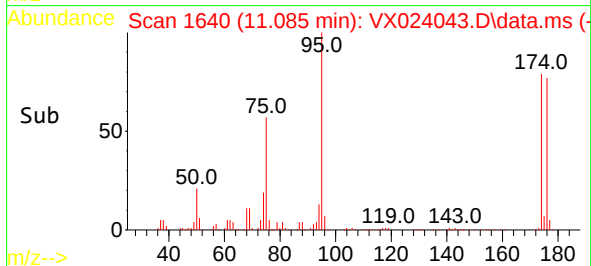
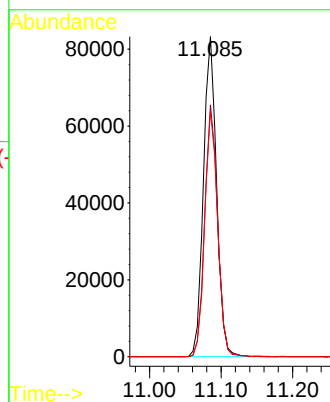
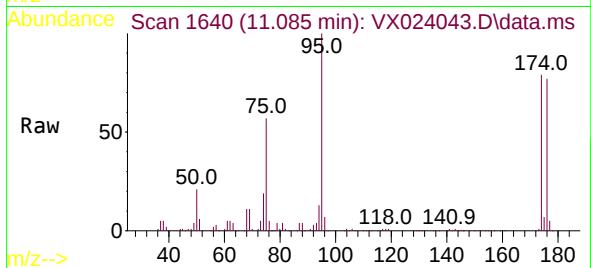




#62
4-Bromofluorobenzene
Concen: 46.610 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024043.D
Acq: 31 Aug 2021 14:49

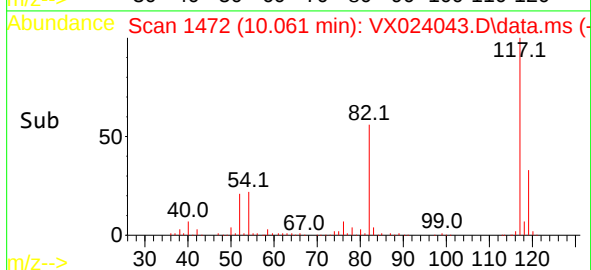
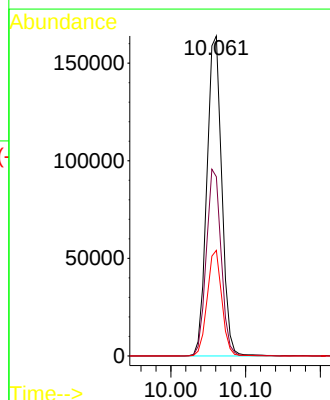
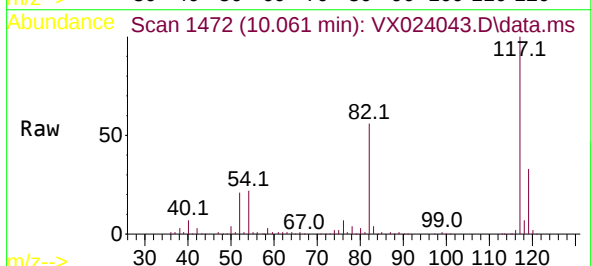
Instrument :
MSVOA_X
ClientSampleId :
WEST-DITCH-IN-20210827

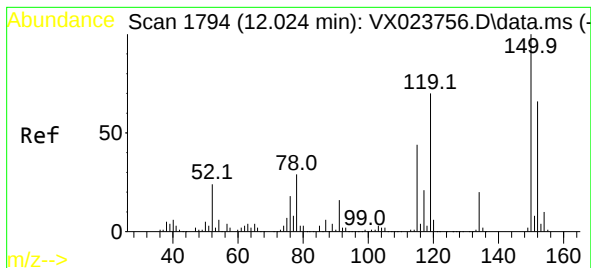
Tgt Ion: 95 Resp: 106188
Ion Ratio Lower Upper
95 100
174 77.5 0.0 154.6
176 75.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX024043.D
Acq: 31 Aug 2021 14:49

Tgt Ion: 117 Resp: 227015
Ion Ratio Lower Upper
117 100
82 56.0 47.4 71.2
119 33.0 26.6 39.8

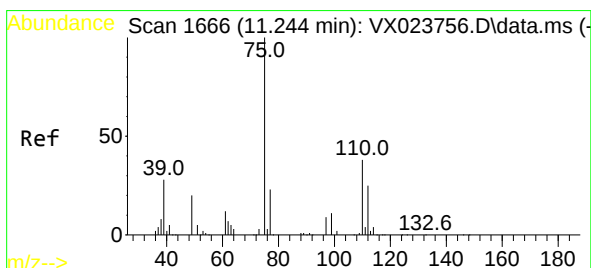
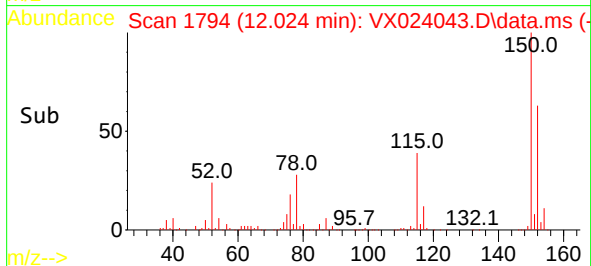
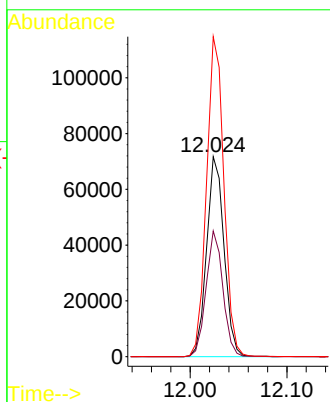
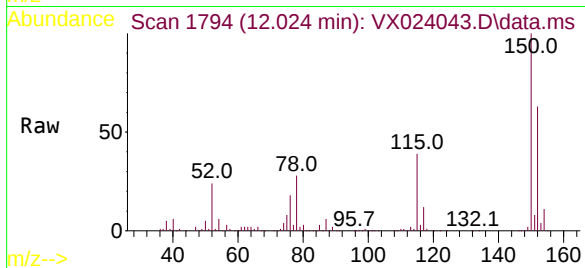




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX024043.D
Acq: 31 Aug 2021 14:49

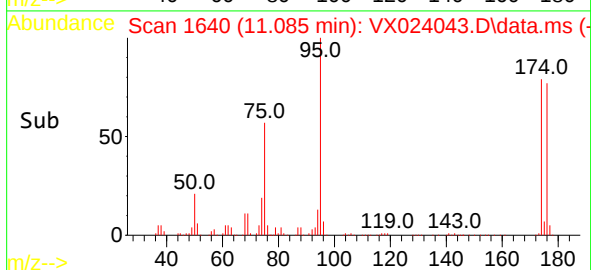
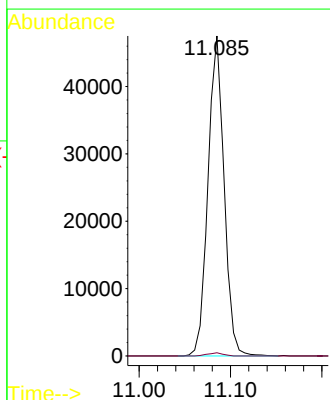
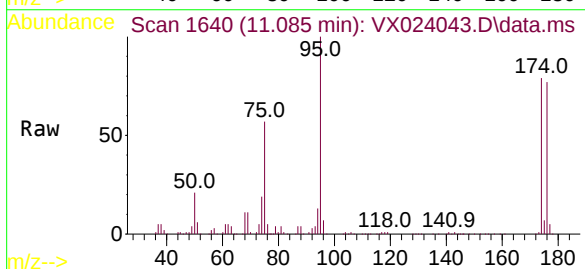
Instrument :
MSVOA_X
ClientSampleId :
WEST-DITCH-IN-20210827

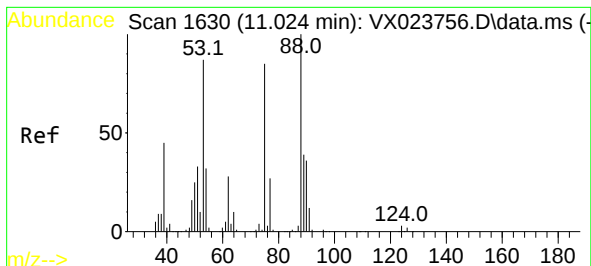
Tgt Ion:152 Resp: 89877
Ion Ratio Lower Upper
152 100
115 60.7 41.1 123.3
150 159.1 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 27.697 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024043.D
Acq: 31 Aug 2021 14:49

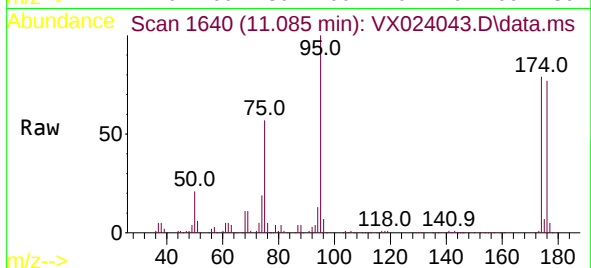
Tgt Ion: 75 Resp: 58070
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 81.473 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024043.D
Acq: 31 Aug 2021 14:49

Instrument :
MSVOA_X
ClientSampleId :
WEST-DITCH-IN-20210827



Tgt Ion: 75 Resp: 58070
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.2 37.9 56.9#

