

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030823\
 Data File : VX034378.D
 Acq On : 08 Mar 2023 12:16
 Operator : JC/MD
 Sample : 01820-01ME
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-3-03032023

Quant Time: Mar 09 03:56:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

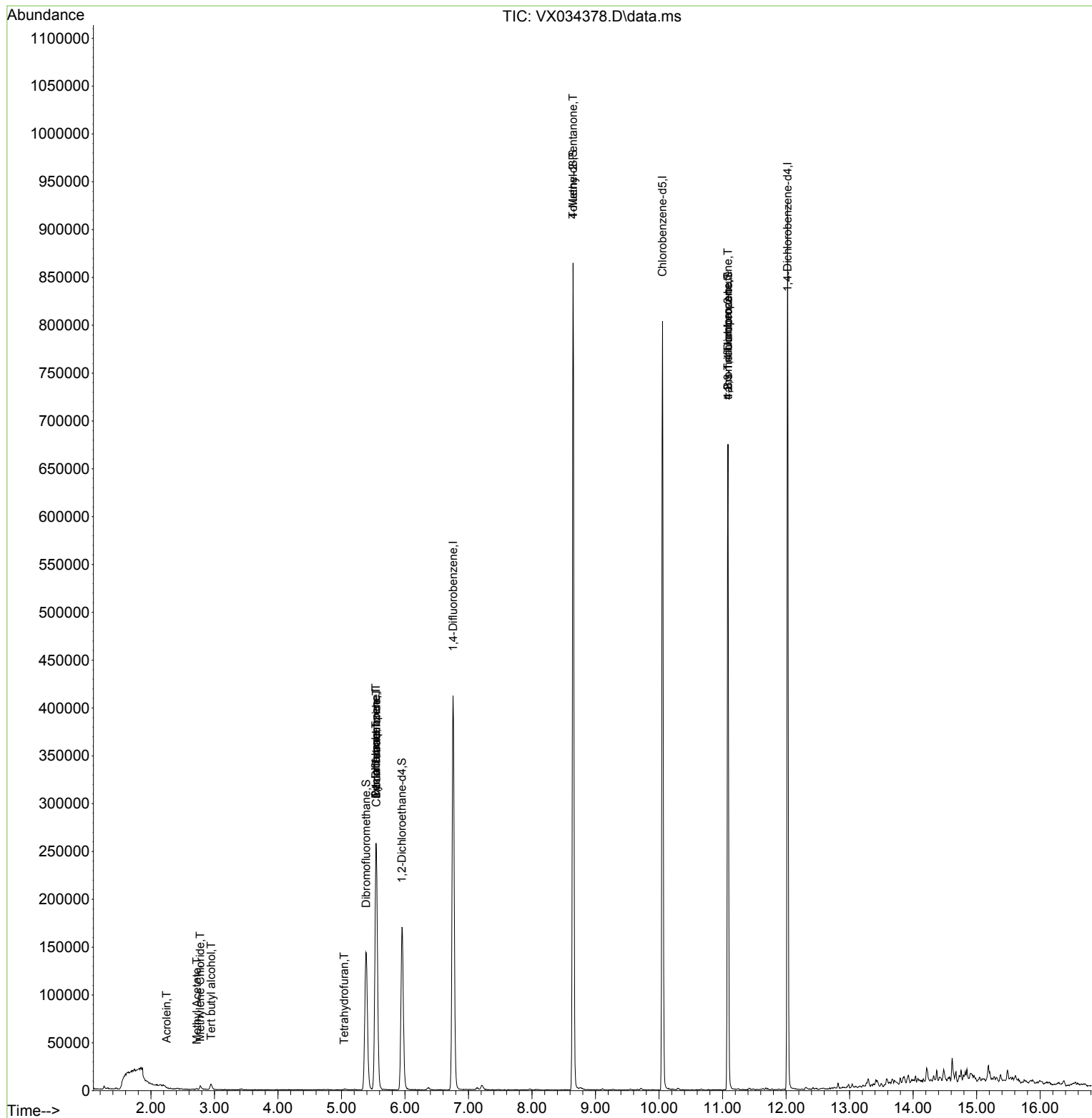
Internal Standards						
1) Pentafluorobenzene	5.544	168	251572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	424494	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	377411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	183860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	156478	46.185	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.360%		
35) Dibromofluoromethane	5.385	113	127394	46.093	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.180%		
50) Toluene-d8	8.647	98	513572	51.755	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	103.500%		
62) 4-Bromofluorobenzene	11.085	95	186709	49.190	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.380%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	571	Below Cal	#	64
11) Tert butyl alcohol	2.946	59	3597	4.747	ug/l #	86
13) Acrolein	2.245	56	128	0.370	ug/l #	38
18) Methyl Acetate	2.721	43	1187	0.219	ug/l #	78
20) Methylene Chloride	2.776	84	1844	0.586	ug/l #	89
29) Tetrahydrofuran	5.044	42	484	0.314	ug/l #	82
31) Cyclohexane	5.544	56	5274	1.043	ug/l #	18
36) 1,1-Dichloropropene	5.544	75	19635	4.804	ug/l #	47
38) Carbon Tetrachloride	5.550	117	24395	5.800	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	2579	0.581	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	92519	19.998	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.085	75	92519	51.373	ug/l #	8

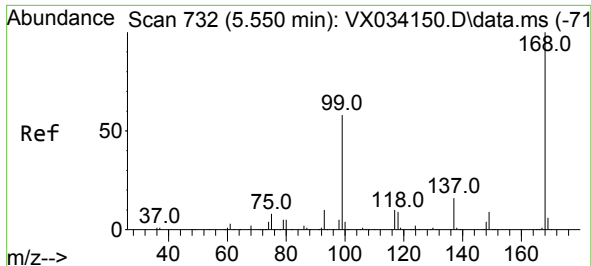
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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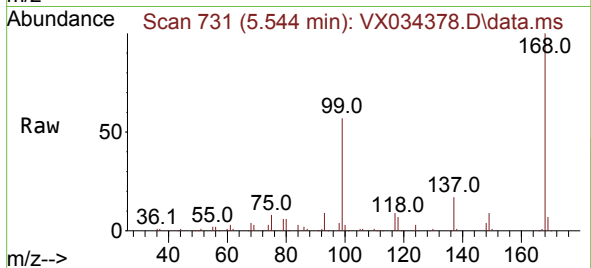
Quant Time: Mar 09 03:56:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration



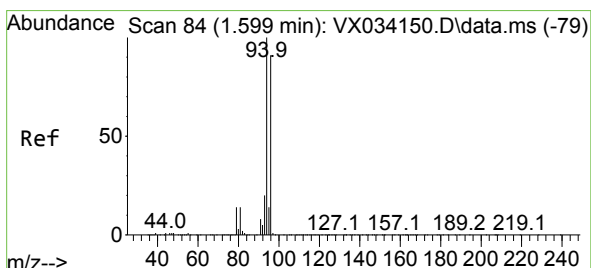
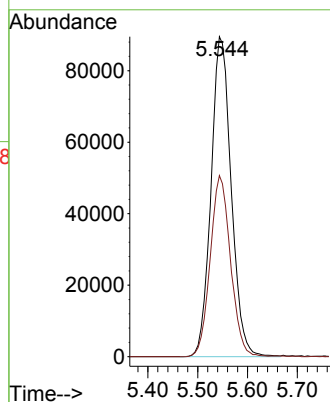
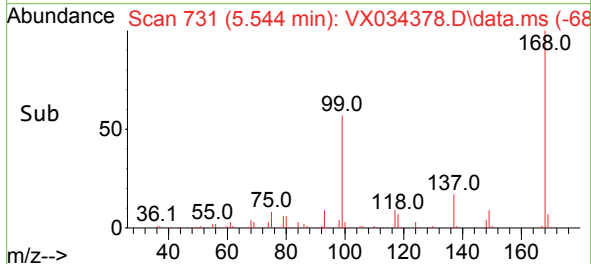


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034378.D
Acq: 08 Mar 2023 12:16

Instrument :
MSVOA_X
ClientSampleId :
HR-3-03032023

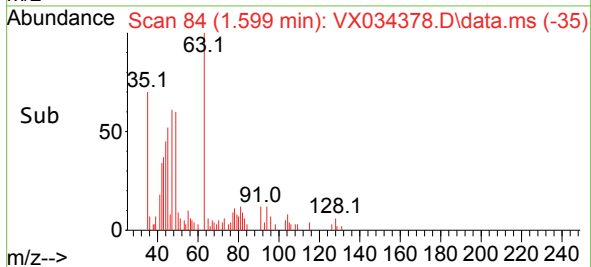
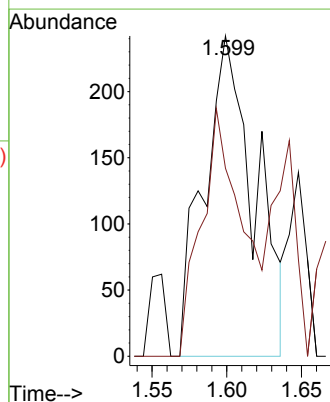
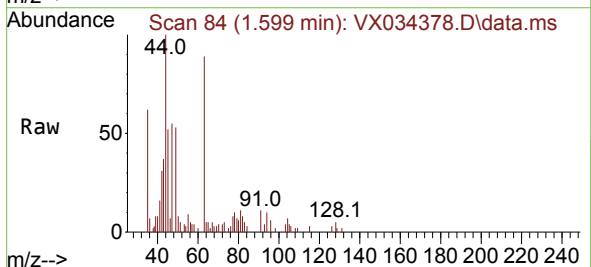


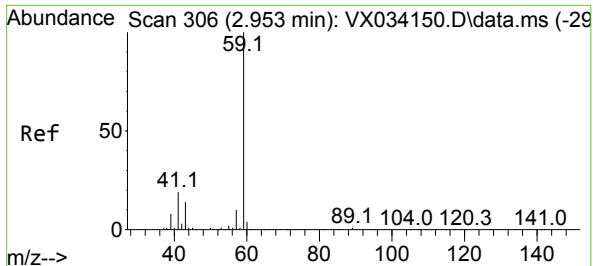
Tgt Ion:168 Resp: 251572
Ion Ratio Lower Upper
168 100
99 56.6 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034378.D
Acq: 08 Mar 2023 12:16

Tgt Ion: 94 Resp: 571
Ion Ratio Lower Upper
94 100
96 58.7 74.3 111.5#

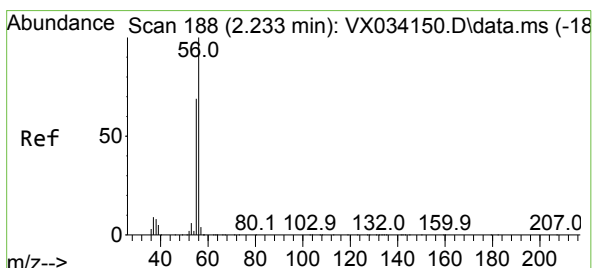
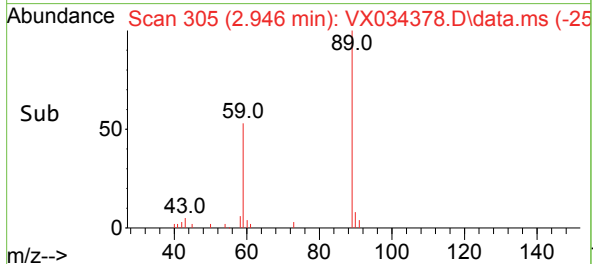
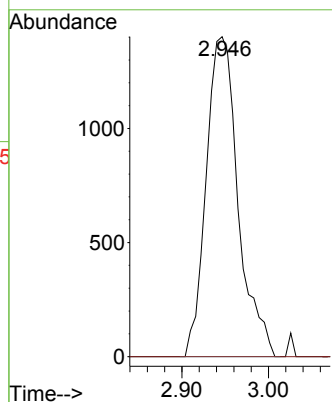
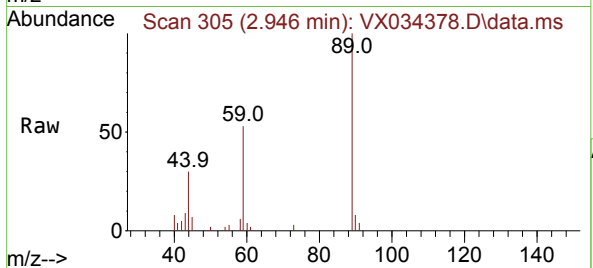




#11
Tert butyl alcohol
Concen: 4.747 ug/l
RT: 2.946 min Scan# 30
Delta R.T. -0.006 min
Lab File: VX034378.D
Acq: 08 Mar 2023 12:16

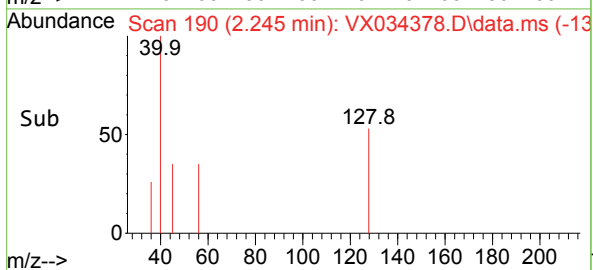
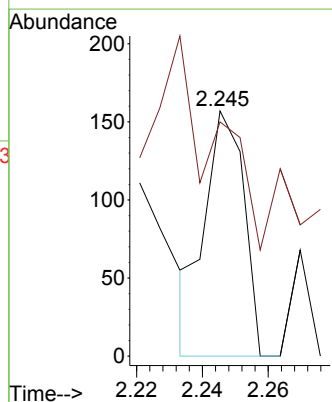
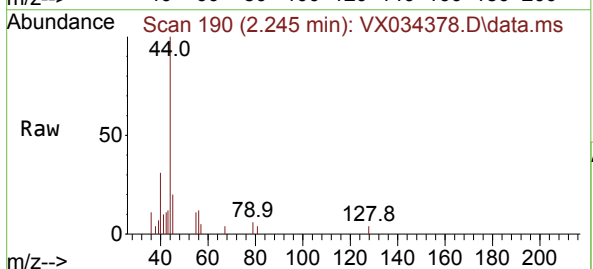
Instrument :
MSVOA_X
ClientSampleId :
HR-3-03032023

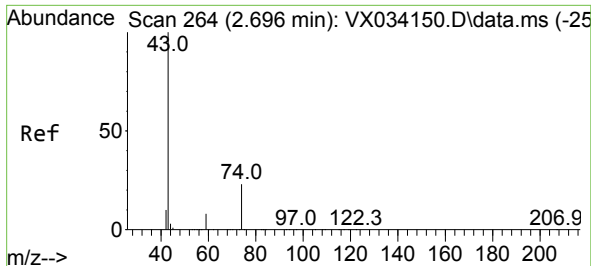
Tgt Ion: 59 Resp: 3597
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#



#13
Acrolein
Concen: 0.370 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.012 min
Lab File: VX034378.D
Acq: 08 Mar 2023 12:16

Tgt Ion: 56 Resp: 128
Ion Ratio Lower Upper
56 100
55 121.1 56.3 84.5#

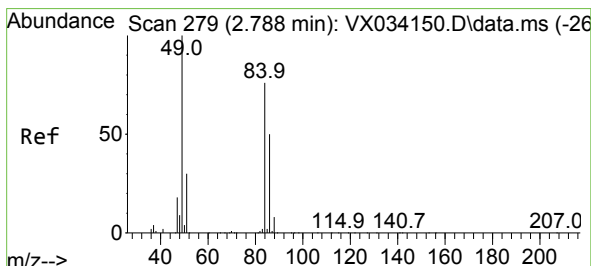
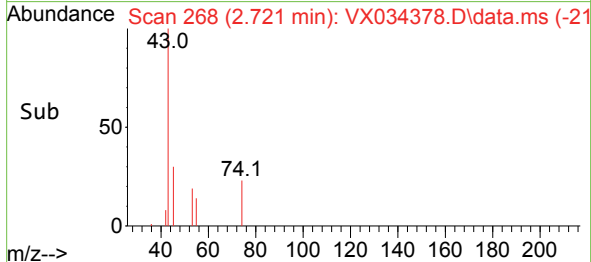
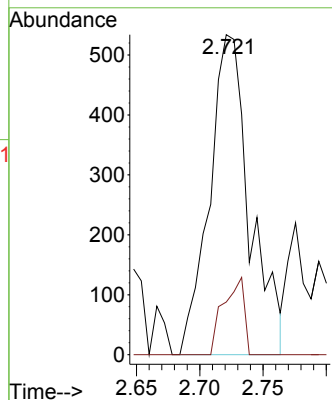
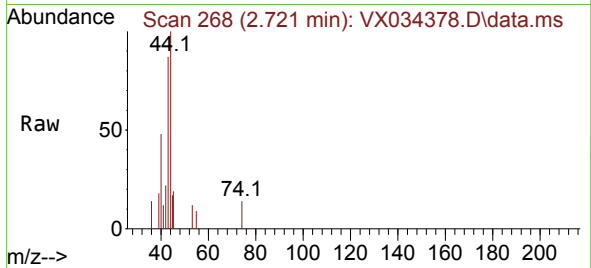




#18
Methyl Acetate
Concen: 0.219 ug/l
RT: 2.721 min Scan# 20
Delta R.T. 0.024 min
Lab File: VX034378.D
Acq: 08 Mar 2023 12:16

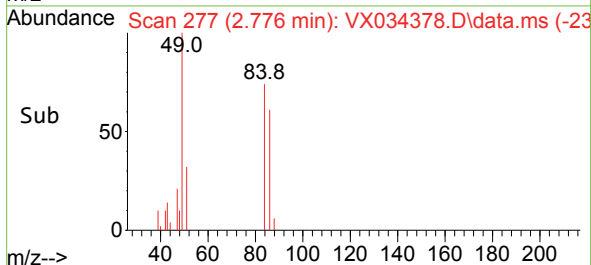
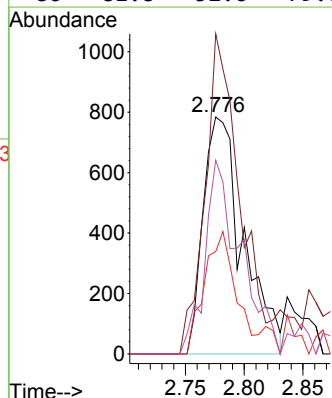
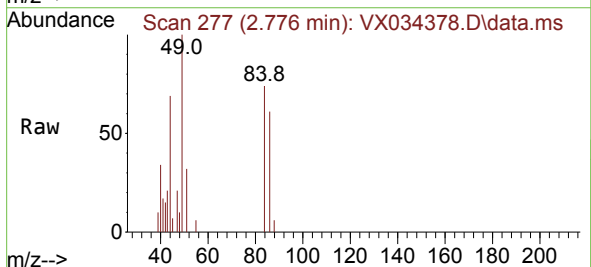
Instrument :
MSVOA_X
ClientSampleId :
HR-3-03032023

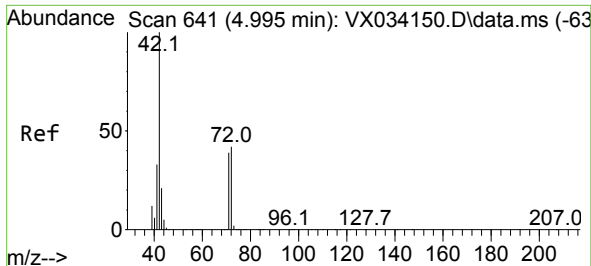
Tgt Ion: 43 Resp: 1187
Ion Ratio Lower Upper
43 100
74 12.4 18.2 27.4#



#20
Methylene Chloride
Concen: 0.586 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX034378.D
Acq: 08 Mar 2023 12:16

Tgt Ion: 84 Resp: 1844
Ion Ratio Lower Upper
84 100
49 135.1 101.1 151.7
51 43.2 31.0 46.6
86 81.8 52.6 79.0#





#29

Tetrahydrofuran

Concen: 0.314 ug/l

RT: 5.044 min Scan# 641

Delta R.T. 0.049 min

Lab File: VX034378.D

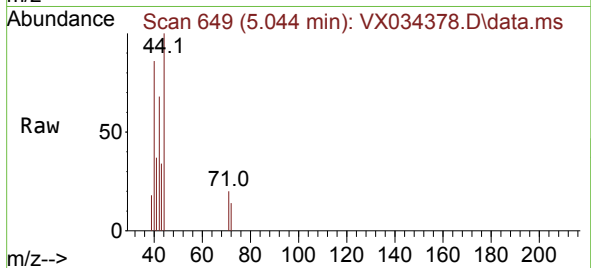
Acq: 08 Mar 2023 12:16

Instrument :

MSVOA_X

ClientSampleId :

HR-3-03032023



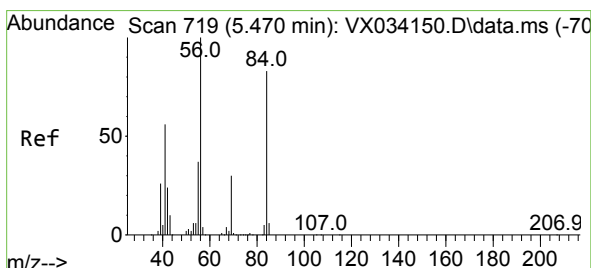
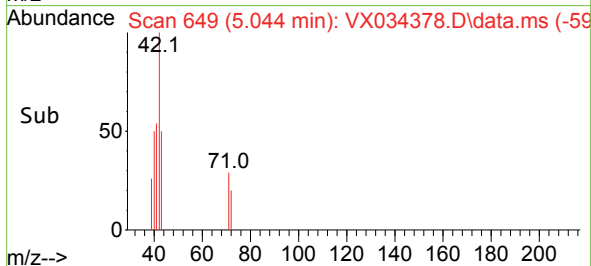
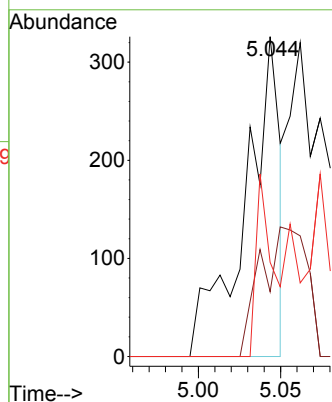
Tgt Ion: 42 Resp: 484

Ion Ratio Lower Upper

42 100

72 52.9 34.8 52.2#

71 26.7 32.2 48.2#



#31

Cyclohexane

Concen: 1.043 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX034378.D

Acq: 08 Mar 2023 12:16

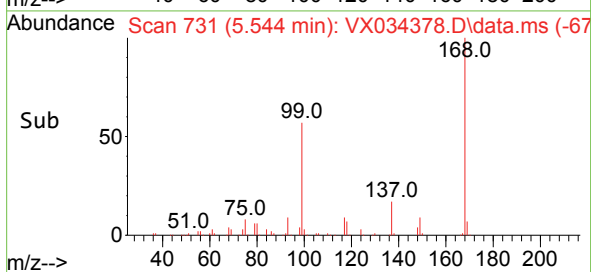
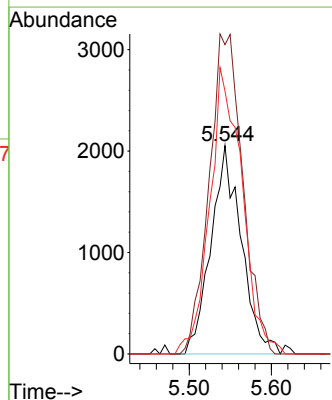
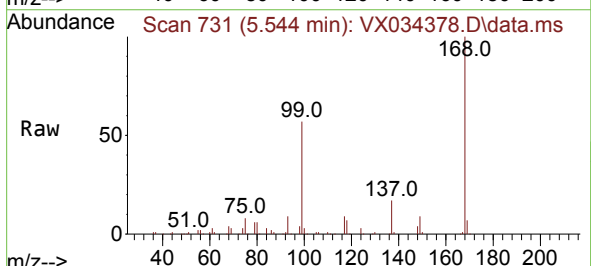
Tgt Ion: 56 Resp: 5274

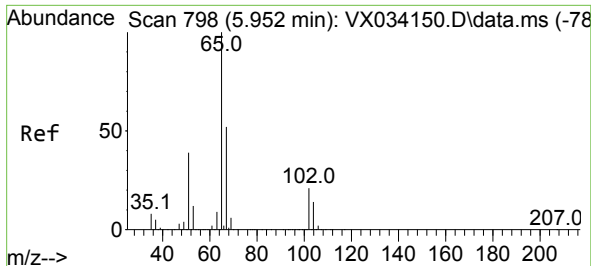
Ion Ratio Lower Upper

56 100

69 148.5 24.6 37.0#

84 122.9 71.0 106.6#

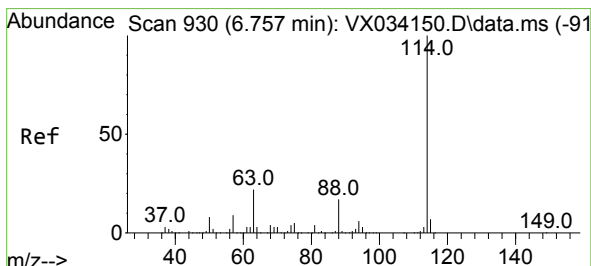
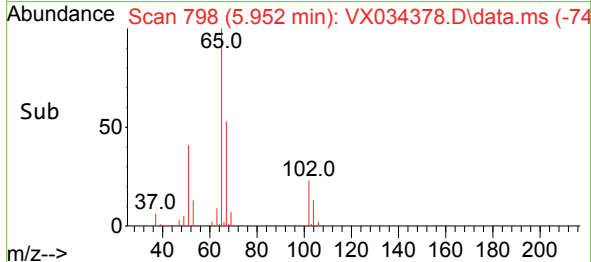
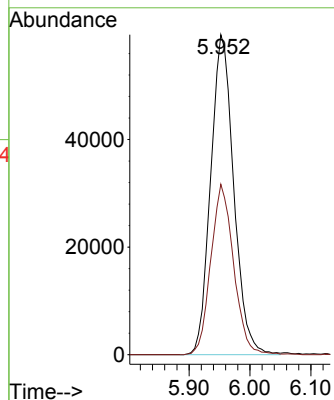
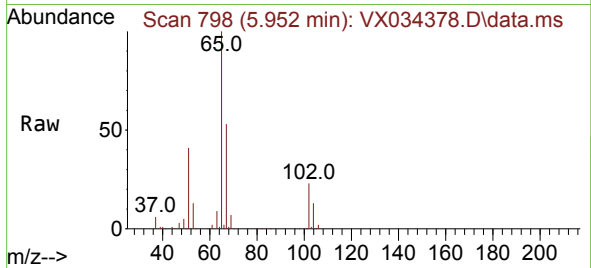




#33
1,2-Dichloroethane-d4
Concen: 46.185 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX034378.D
Acq: 08 Mar 2023 12:16

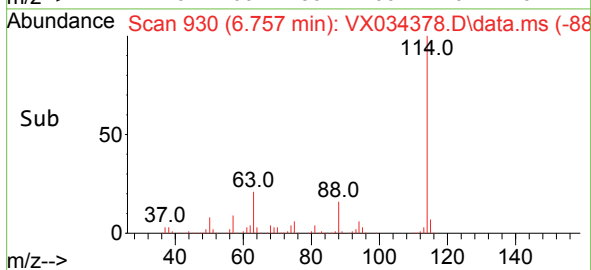
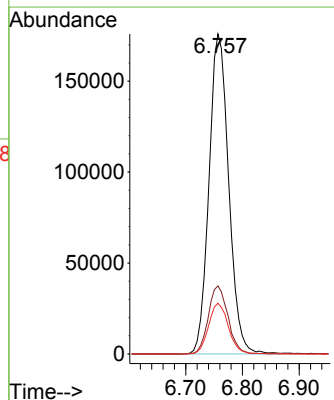
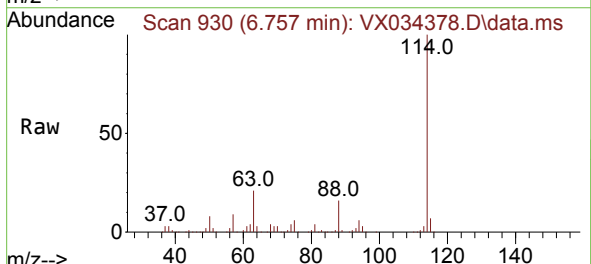
Instrument :
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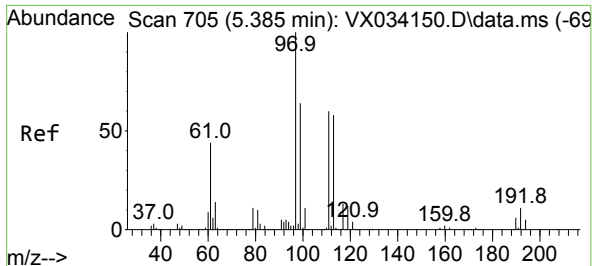
Tgt Ion: 65 Resp: 156478
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX034378.D
Acq: 08 Mar 2023 12:16

Tgt Ion: 114 Resp: 424494
Ion Ratio Lower Upper
114 100
63 21.2 0.0 37.4
88 15.9 0.0 30.6

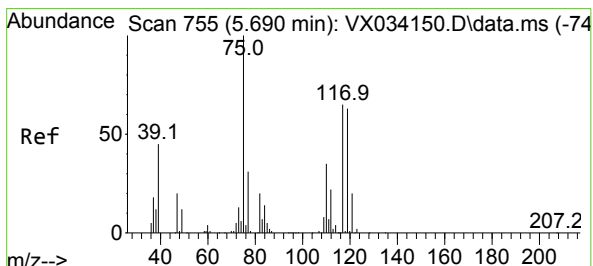
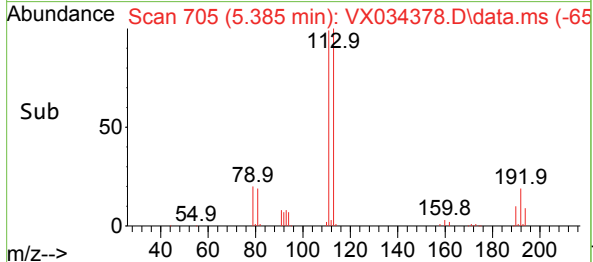
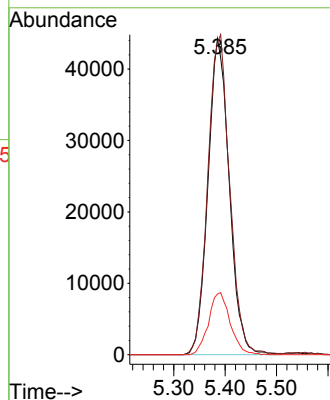
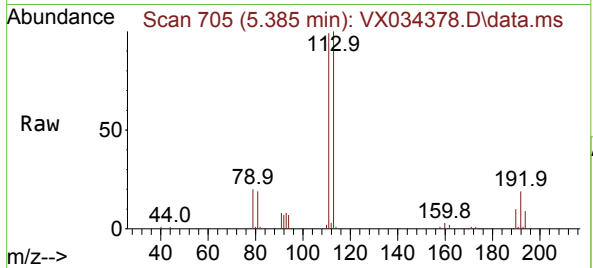




#35
Dibromofluoromethane
Concen: 46.093 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034378.D
Acq: 08 Mar 2023 12:16

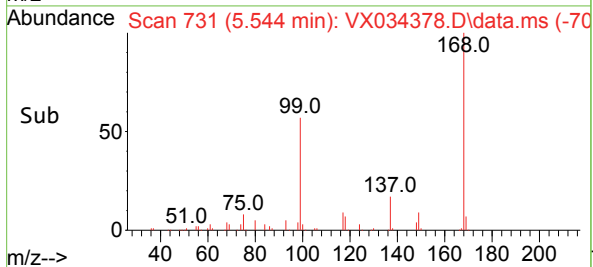
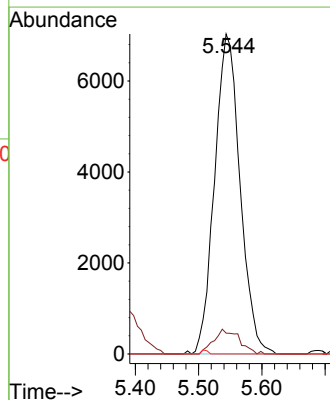
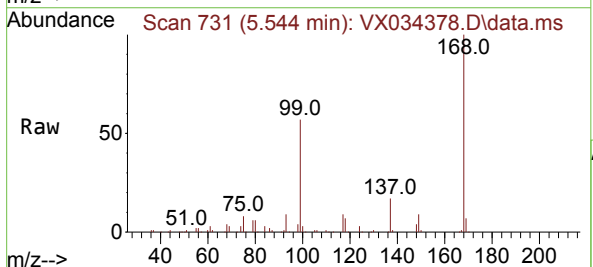
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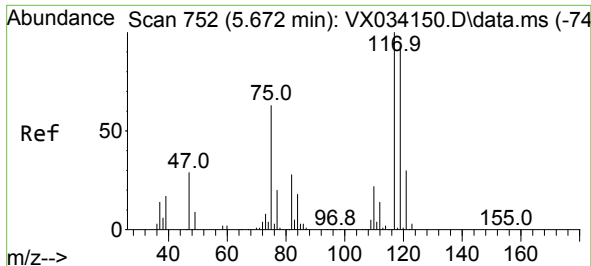
Tgt Ion:113 Resp: 127394
Ion Ratio Lower Upper
113 100
111 104.0 83.0 124.6
192 20.0 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.804 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX034378.D
Acq: 08 Mar 2023 12:16

Tgt Ion: 75 Resp: 19635
Ion Ratio Lower Upper
75 100
110 7.7 18.8 56.4#
77 0.0 25.1 37.7#

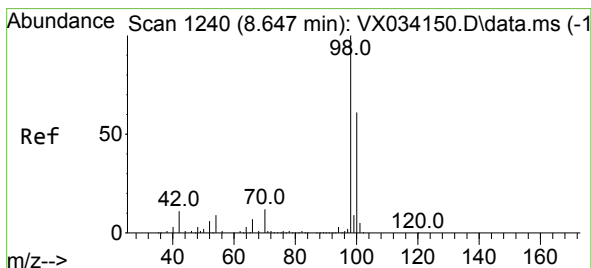
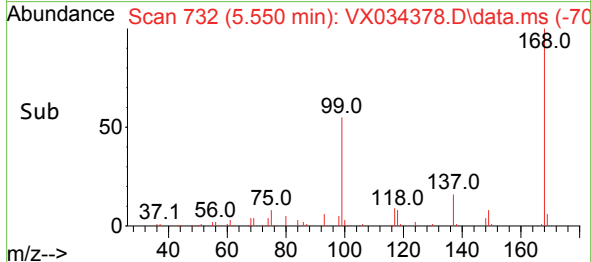
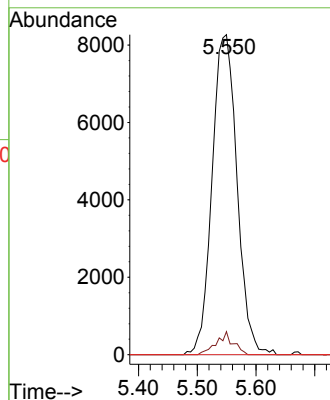
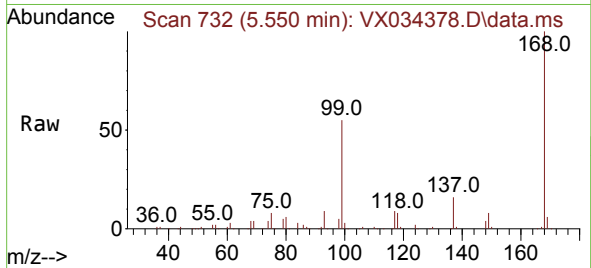




#38
Carbon Tetrachloride
Concen: 5.800 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034378.D
Acq: 08 Mar 2023 12:16

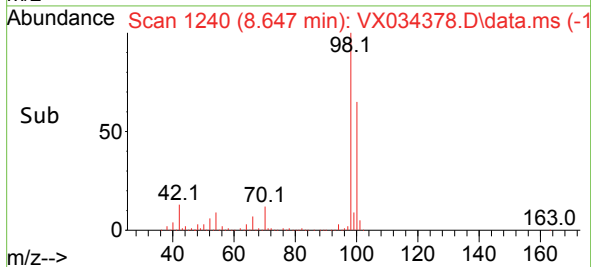
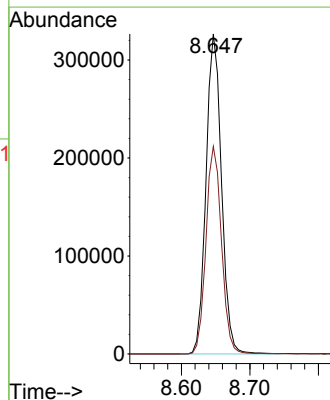
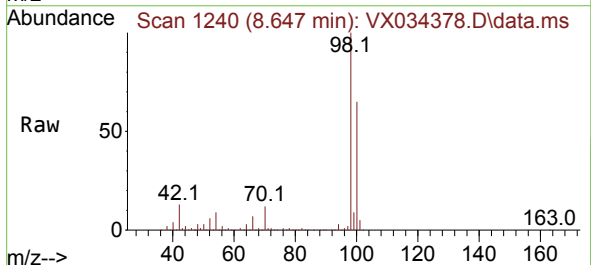
Instrument :
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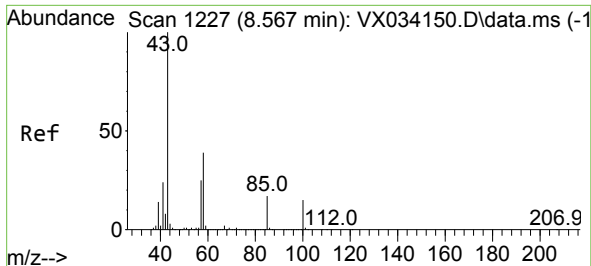
Tgt Ion:117 Resp: 24395
Ion Ratio Lower Upper
117 100
119 7.2 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 51.755 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034378.D
Acq: 08 Mar 2023 12:16

Tgt Ion: 98 Resp: 513572
Ion Ratio Lower Upper
98 100
100 65.1 53.6 80.4

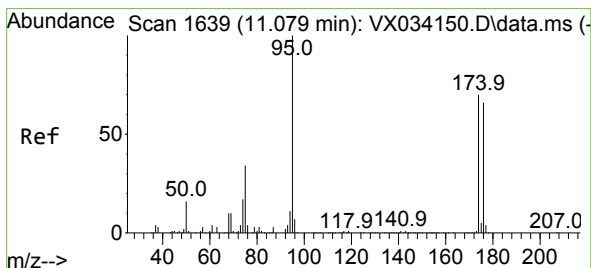
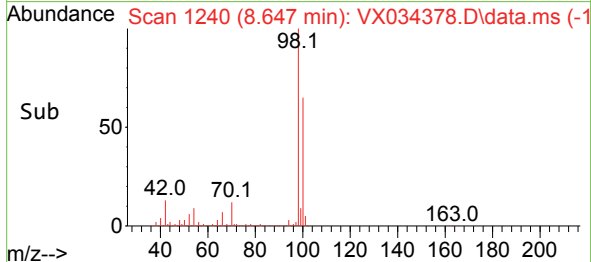
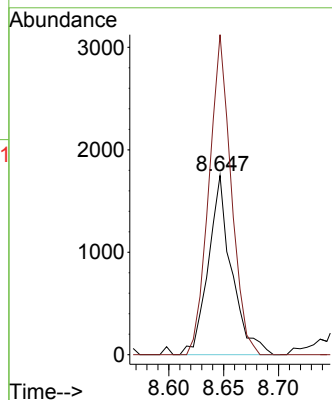
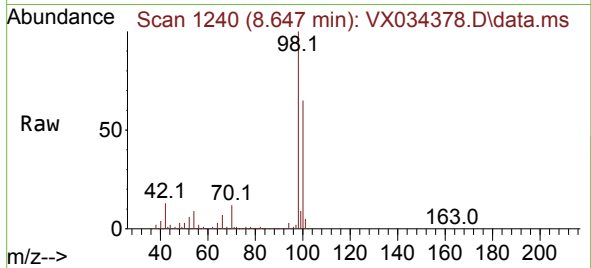




#51
4-Methyl-2-Pentanone
Concen: 0.581 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX034378.D
Acq: 08 Mar 2023 12:16

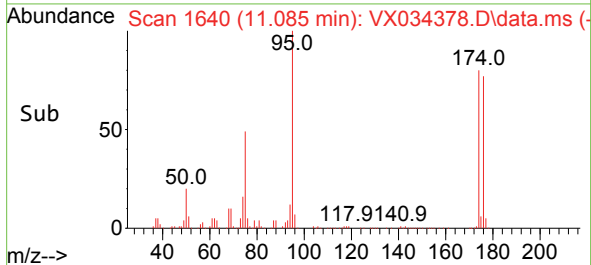
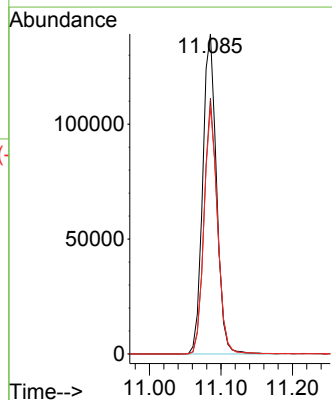
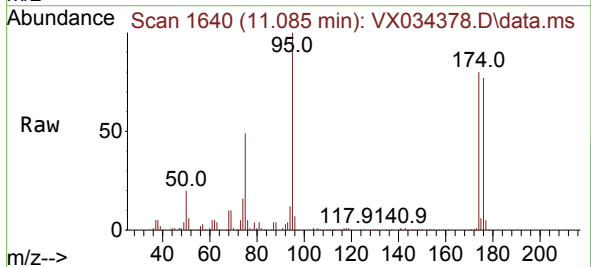
Instrument :
MSVOA_X
ClientSampleId :
HR-3-03032023

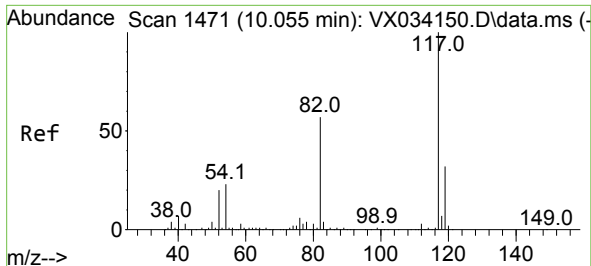
Tgt Ion: 43 Resp: 2579
Ion Ratio Lower Upper
43 100
58 171.0 31.2 46.8#



#62
4-Bromofluorobenzene
Concen: 49.190 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX034378.D
Acq: 08 Mar 2023 12:16

Tgt Ion: 95 Resp: 186709
Ion Ratio Lower Upper
95 100
174 76.7 0.0 184.4
176 75.8 0.0 178.8

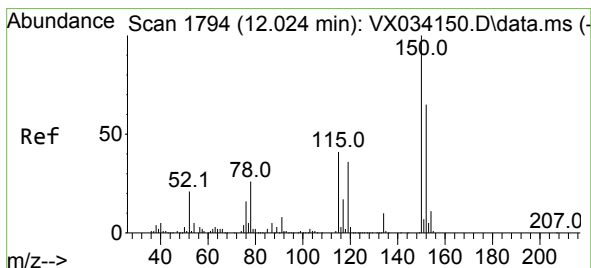
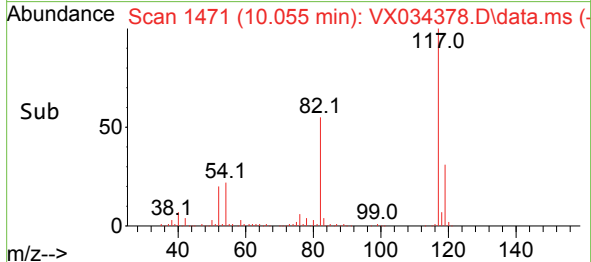
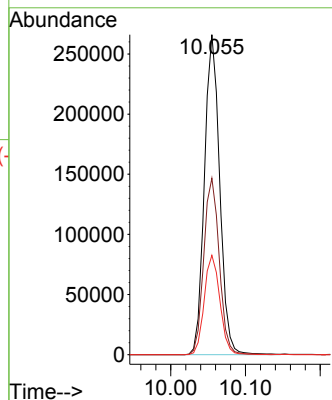
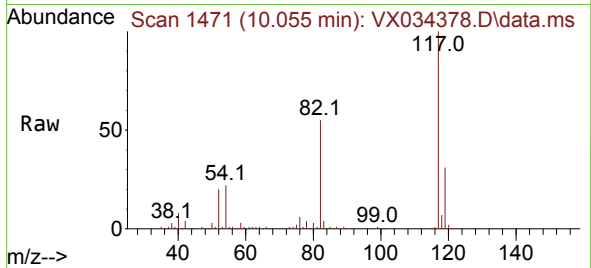




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034378.D
Acq: 08 Mar 2023 12:16

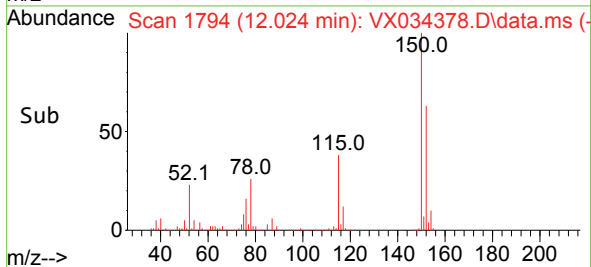
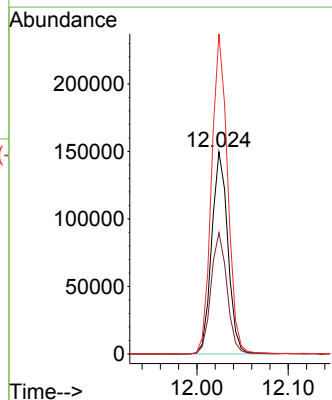
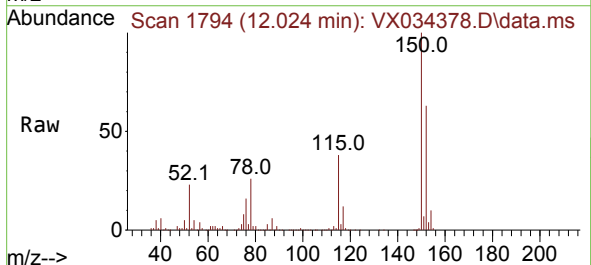
Instrument :
MSVOA_X
ClientSampleId :
HR-3-03032023

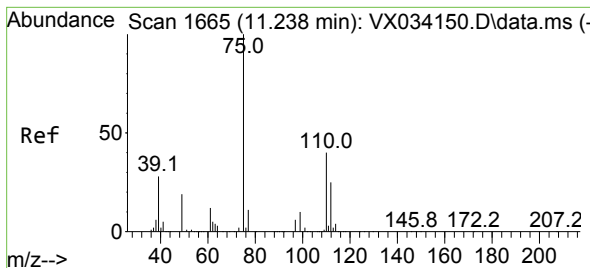
Tgt Ion:117 Resp: 377411
Ion Ratio Lower Upper
117 100
82 55.1 40.6 60.8
119 31.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034378.D
Acq: 08 Mar 2023 12:16

Tgt Ion:152 Resp: 183860
Ion Ratio Lower Upper
152 100
115 59.7 38.7 116.1
150 157.1 0.0 348.2

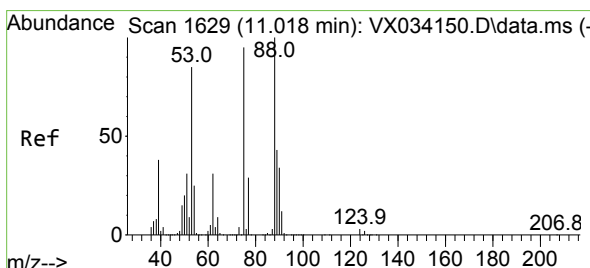
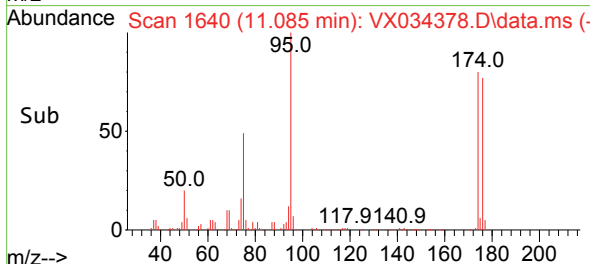
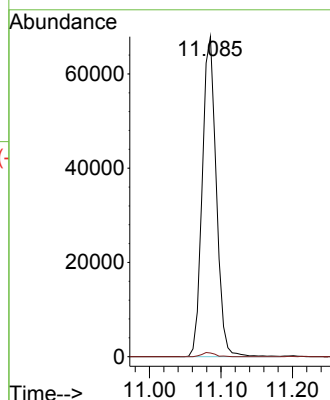
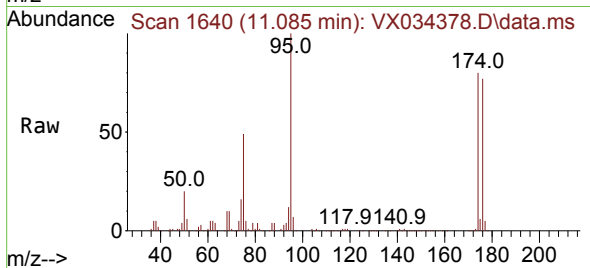




#76
1,2,3-Trichloropropane
Concen: 19.998 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.152 min
Lab File: VX034378.D
Acq: 08 Mar 2023 12:16

Instrument :
MSVOA_X
ClientSampleId :
HR-3-03032023

Tgt Ion: 75 Resp: 92519
Ion Ratio Lower Upper
75 100
77 1.2 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 51.373 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX034378.D
Acq: 08 Mar 2023 12:16

Tgt Ion: 75 Resp: 92519
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

