

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100923\
 Data File : VX038166.D
 Acq On : 09 Oct 2023 13:04
 Operator : JC/MD
 Sample : 04724-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Oct 10 00:54:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

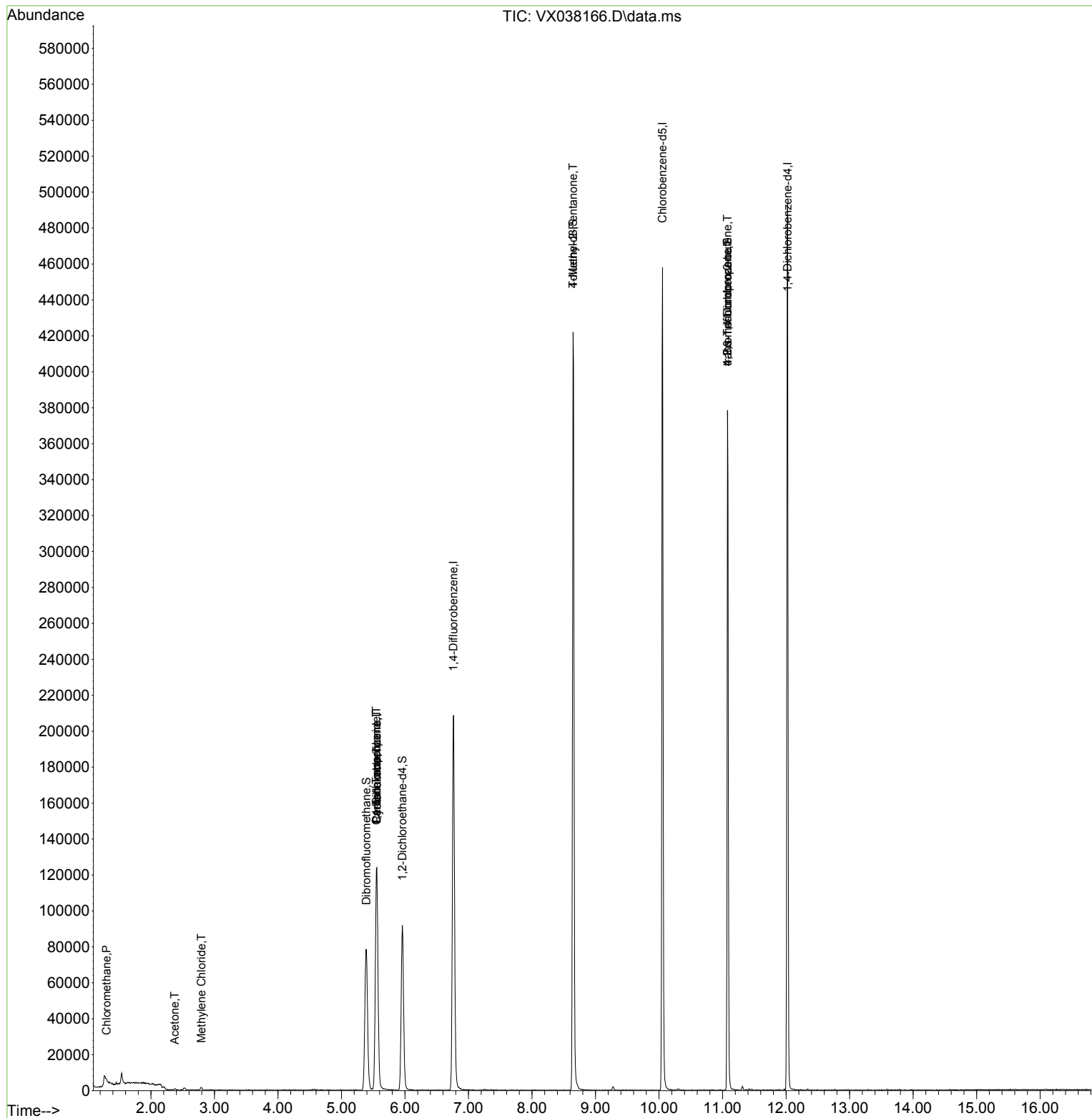
Internal Standards						
1) Pentafluorobenzene	5.556	168	116134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	210352	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85919	45.997	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.000%
35) Dibromofluoromethane	5.391	113	68955	45.493	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.980%
50) Toluene-d8	8.647	98	261297	45.114	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.220%#
62) 4-Bromofluorobenzene	11.079	95	94526	43.049	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.100%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	528	0.462	ug/l #	79
5) Bromomethane	1.605	94	20	Below Cal	#	3
6) Chloroethane	1.660	64	187	Below Cal	#	56
11) Tert butyl alcohol	2.953	59	159	Below Cal	#	78
16) Acetone	2.374	43	841	1.079	ug/l #	89
20) Methylene Chloride	2.794	84	724	0.494	ug/l #	91
31) Cyclohexane	5.556	56	2931	1.448	ug/l #	20
36) 1,1-Dichloropropene	5.550	75	9762	4.670	ug/l #	51
38) Carbon Tetrachloride	5.550	117	12160	5.914	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1204	0.471	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	52779	22.871	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	52779	65.429	ug/l #	5

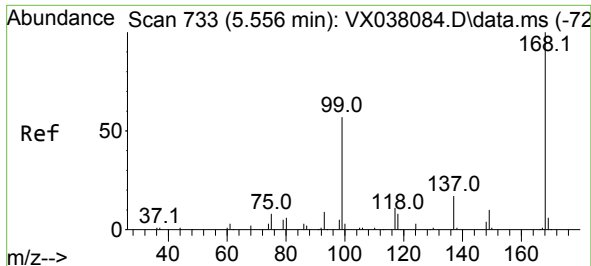
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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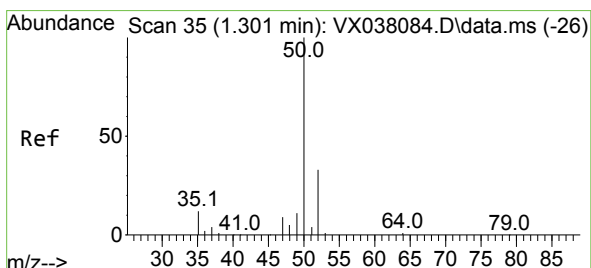
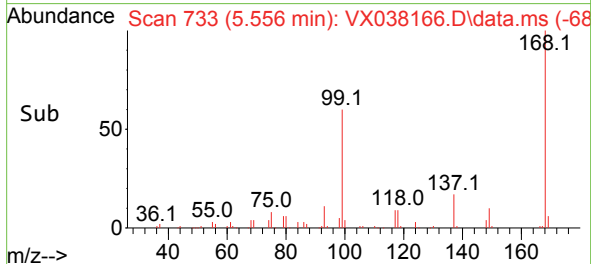
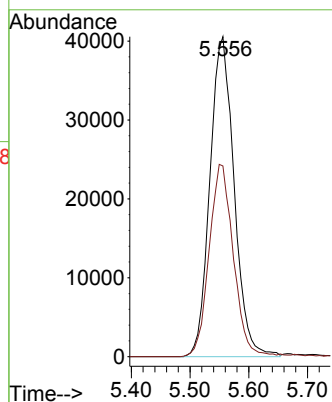
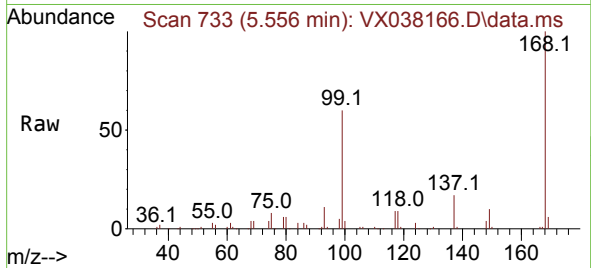




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038166.D
Acq: 09 Oct 2023 13:04

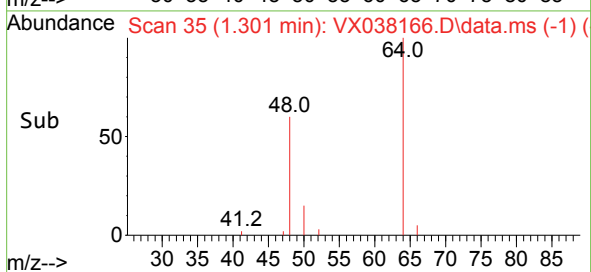
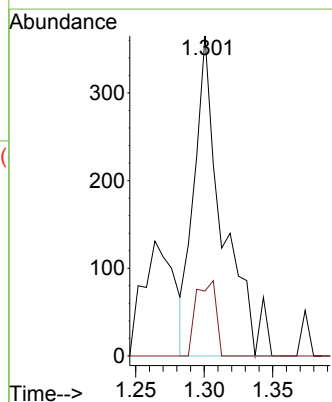
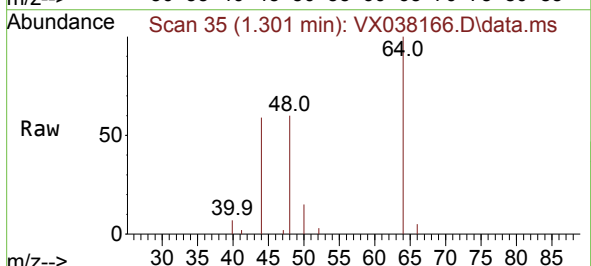
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

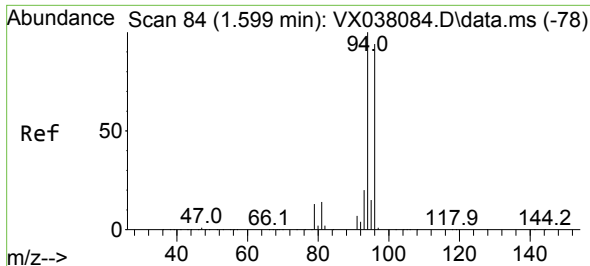
Tgt Ion:168 Resp: 116134
Ion Ratio Lower Upper
168 100
99 59.6 56.6 85.0



#3
Chloromethane
Concen: 0.462 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX038166.D
Acq: 09 Oct 2023 13:04

Tgt Ion: 50 Resp: 528
Ion Ratio Lower Upper
50 100
52 20.3 25.5 38.3#

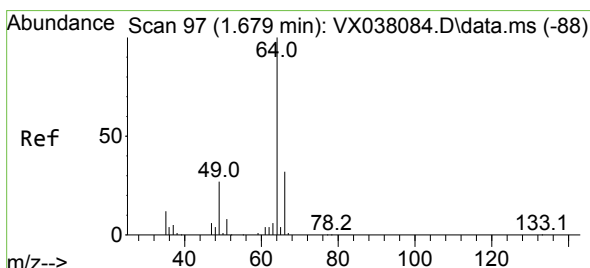
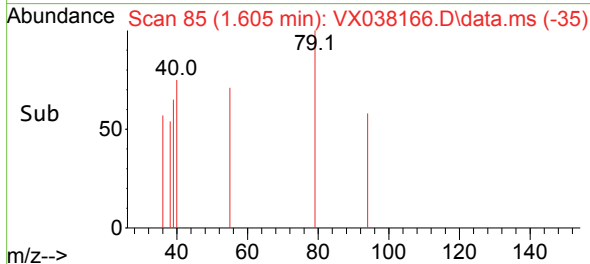
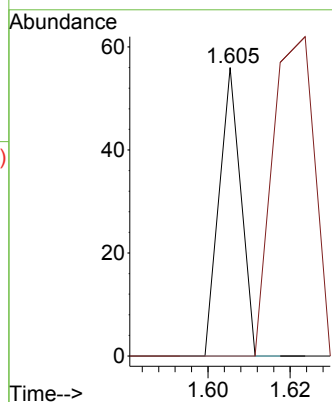
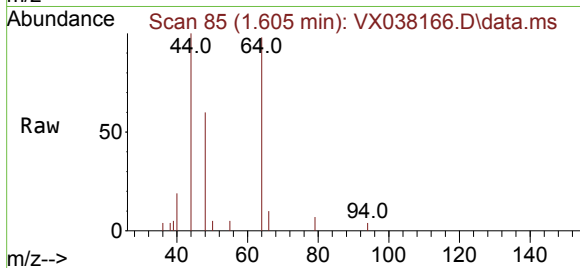




#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX038166.D
Acq: 09 Oct 2023 13:04

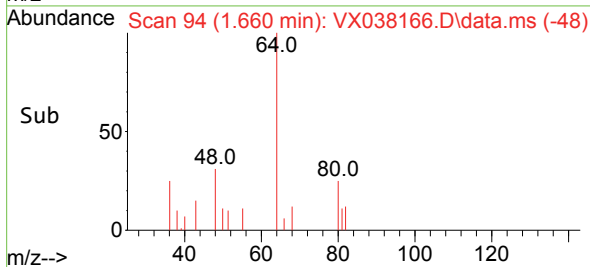
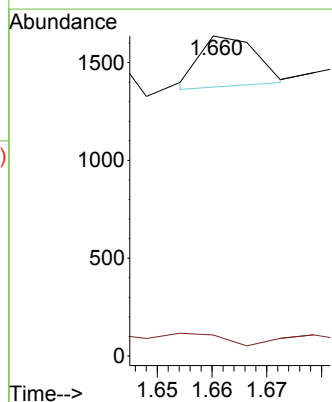
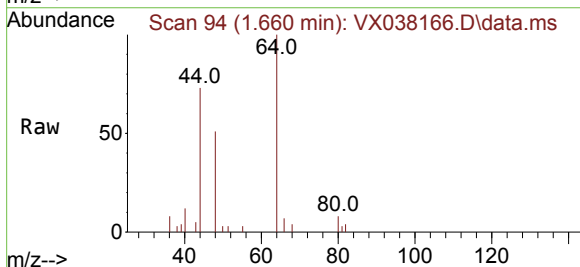
Instrument :
MSVOA_X
ClientSampleId :
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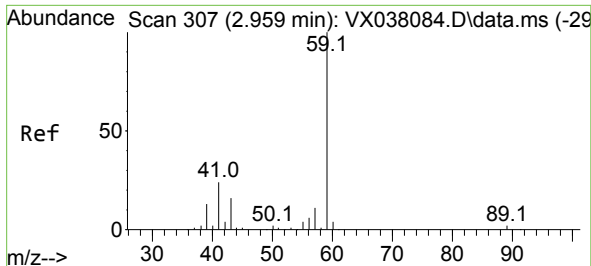
Tgt Ion: 94 Resp: 20
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX038166.D
Acq: 09 Oct 2023 13:04

Tgt Ion: 64 Resp: 187
Ion Ratio Lower Upper
64 100
66 7.1 25.1 37.7#

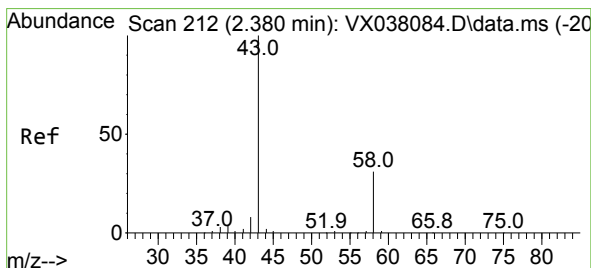
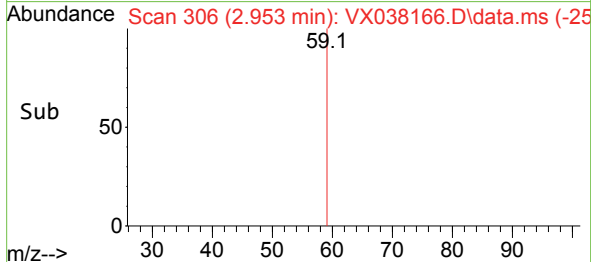
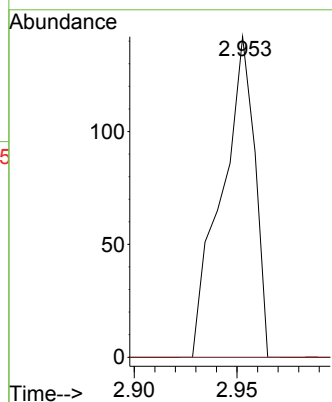
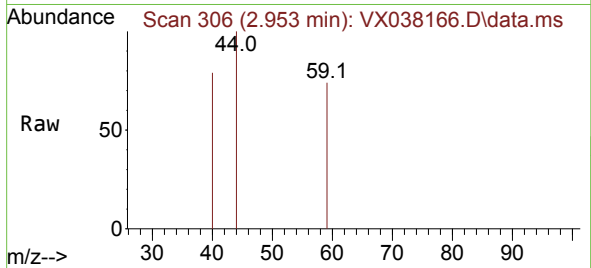




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 30
Delta R.T. -0.006 min
Lab File: VX038166.D
Acq: 09 Oct 2023 13:04

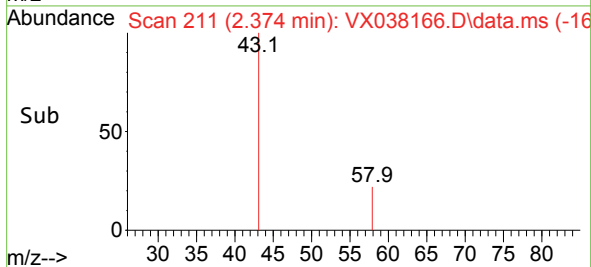
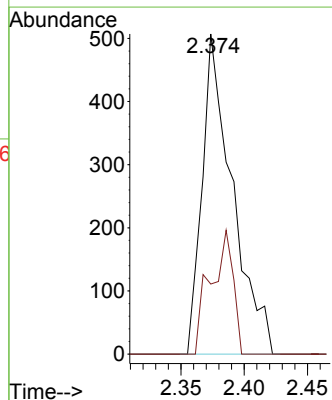
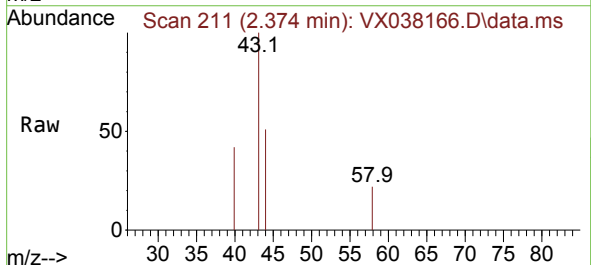
Instrument :
MSVOA_X
ClientSampleId :
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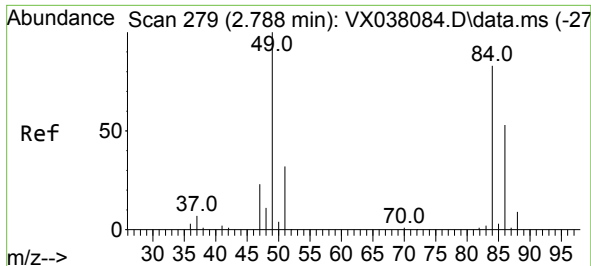
Tgt Ion: 59 Resp: 159
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 1.079 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038166.D
Acq: 09 Oct 2023 13:04

Tgt Ion: 43 Resp: 841
Ion Ratio Lower Upper
43 100
58 21.9 21.9 32.9#

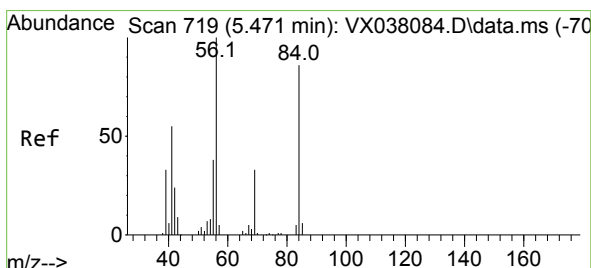
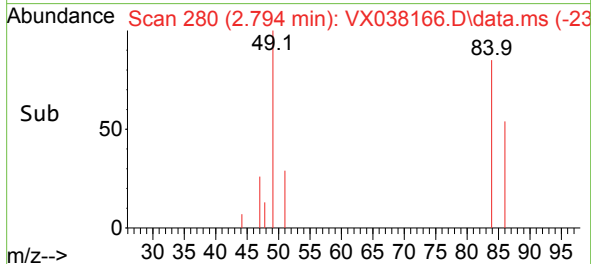
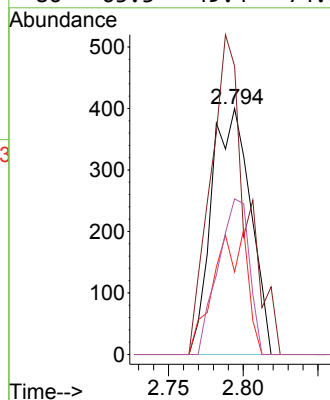
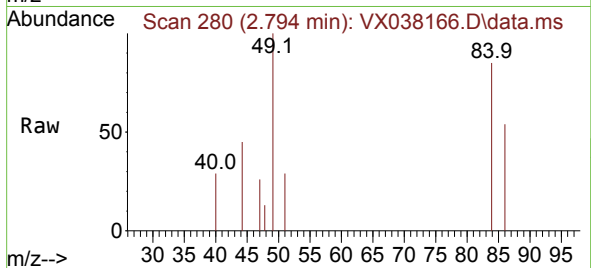




#20
Methylene Chloride
Concen: 0.494 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038166.D
Acq: 09 Oct 2023 13:04

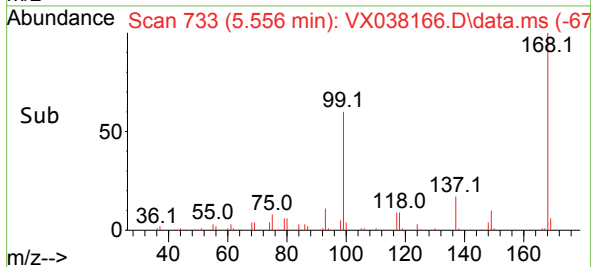
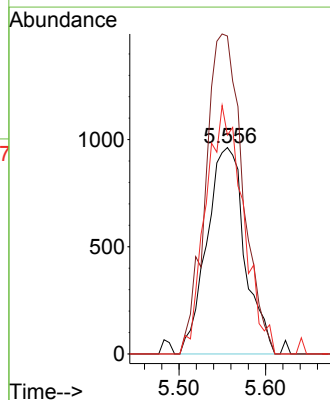
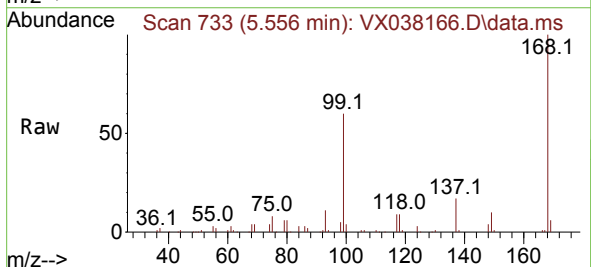
Instrument :
MSVOA_X
ClientSampleId :
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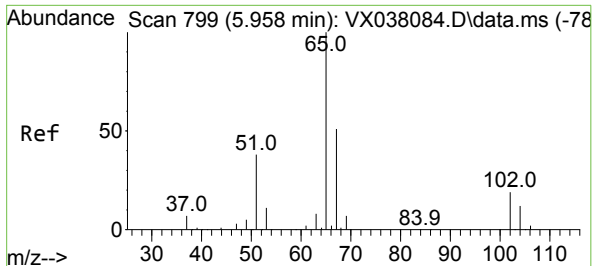
Tgt Ion: 84	Resp: 724
Ion Ratio	Lower Upper
84 100	
49 117.2	103.6 155.4
51 33.5	33.8 50.6#
86 63.3	49.4 74.0



#31
Cyclohexane
Concen: 1.448 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX038166.D
Acq: 09 Oct 2023 13:04

Tgt Ion: 56	Resp: 2931
Ion Ratio	Lower Upper
56 100	
69 154.0	23.4 35.2#
84 106.0	65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.997 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038166.D

Acq: 09 Oct 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

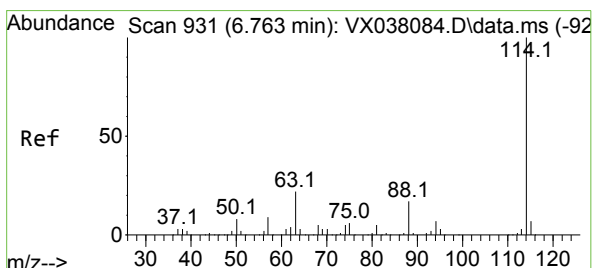
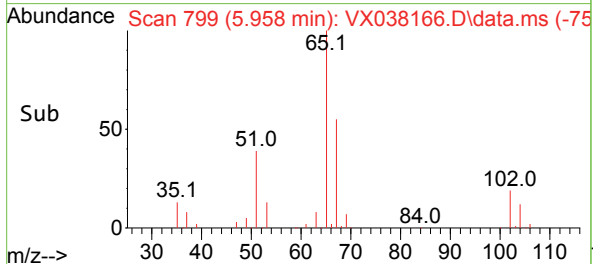
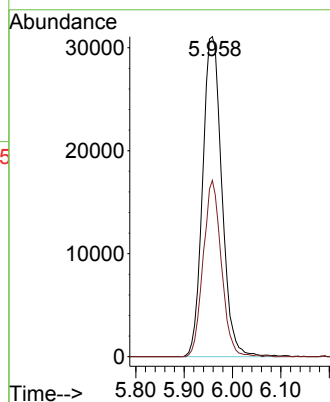
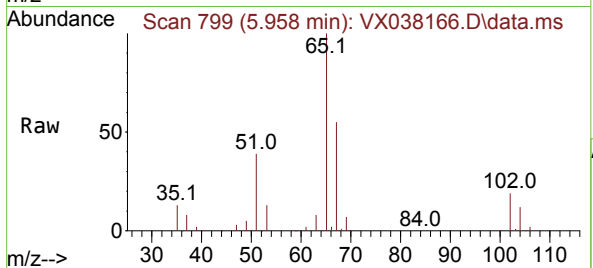
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Tgt Ion: 65 Resp: 85919

Ion Ratio Lower Upper

65 100

67 52.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX038166.D

Acq: 09 Oct 2023 13:04

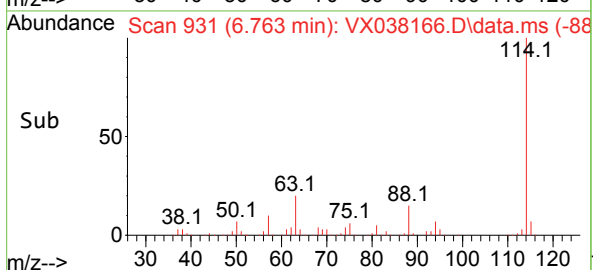
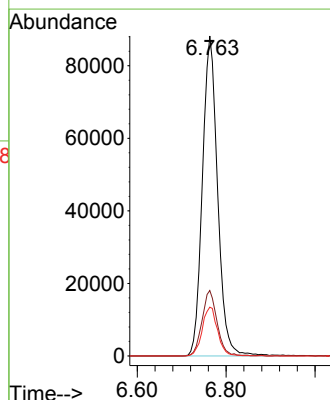
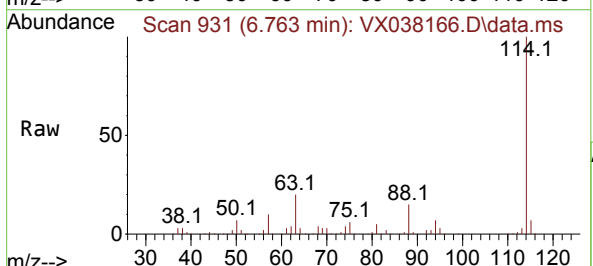
Tgt Ion:114 Resp: 210352

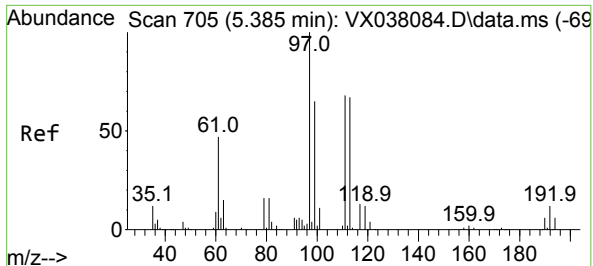
Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.0

88 15.3 0.0 36.6

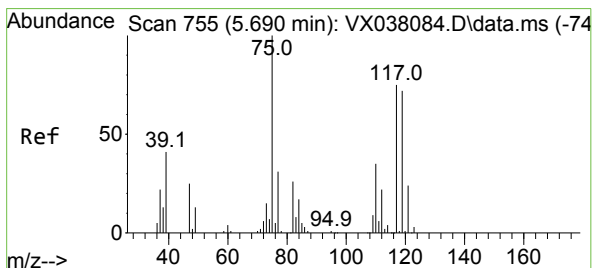
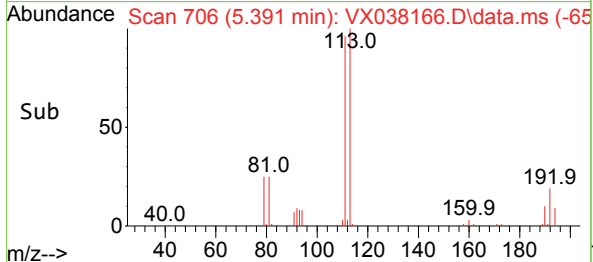
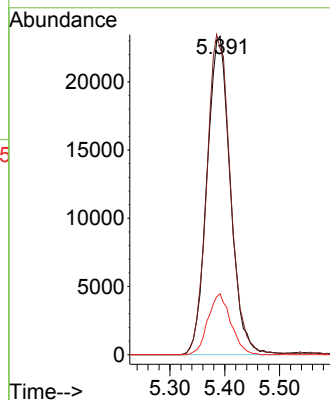
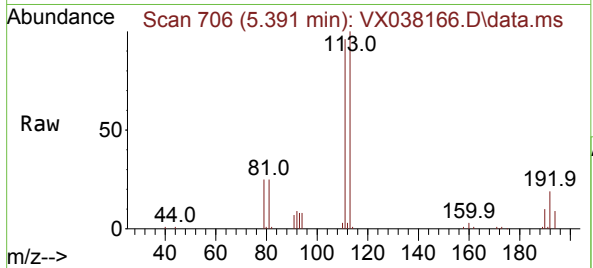




#35
Dibromofluoromethane
Concen: 45.493 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038166.D
Acq: 09 Oct 2023 13:04

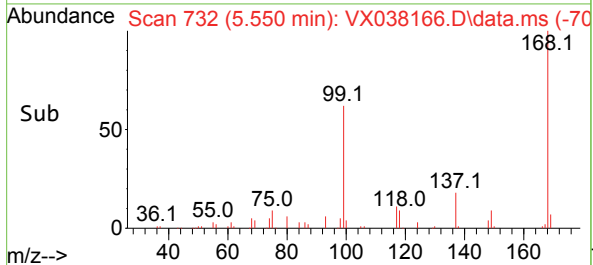
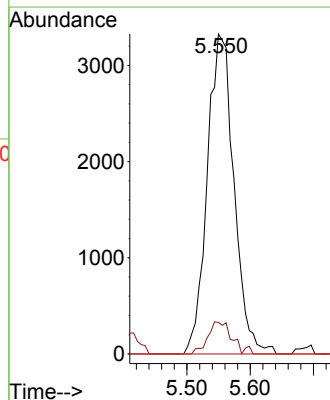
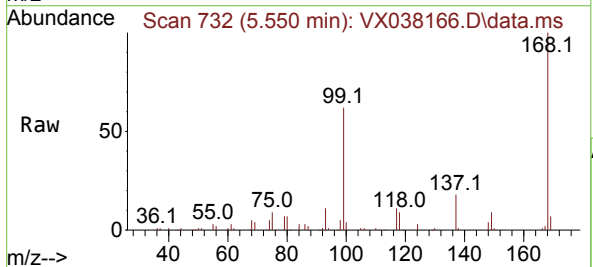
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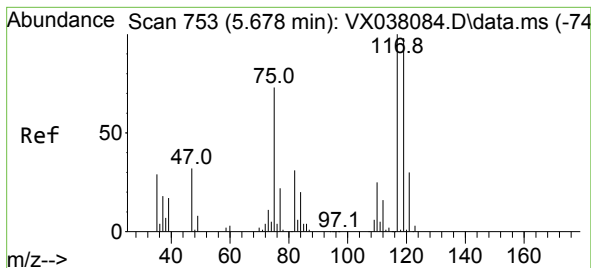
Tgt Ion:113 Resp: 68955
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 18.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.670 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038166.D
Acq: 09 Oct 2023 13:04

Tgt Ion: 75 Resp: 9762
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.914 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

Lab File: VX038166.D

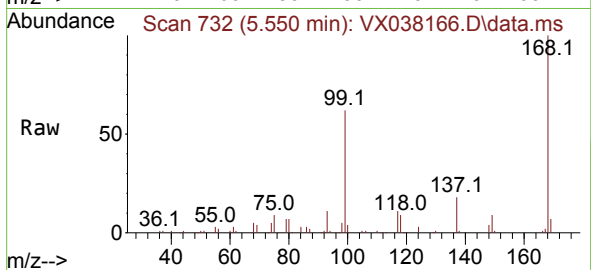
Acq: 09 Oct 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

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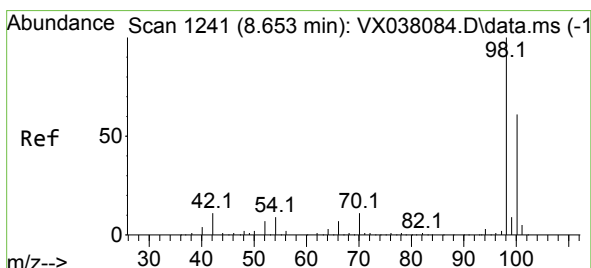
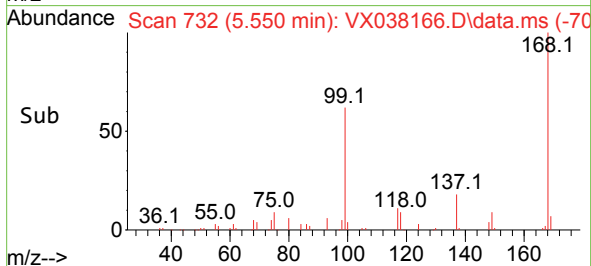
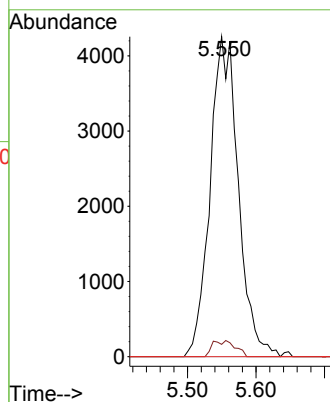
Tgt Ion:117 Resp: 12160

Ion Ratio Lower Upper

117 100

119 3.8 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 45.114 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038166.D

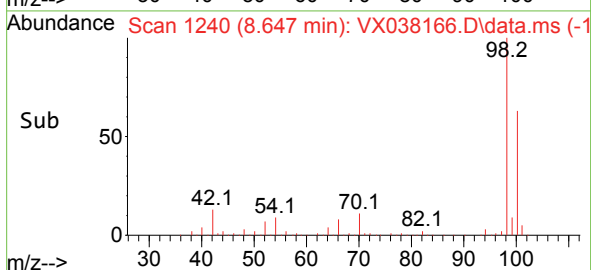
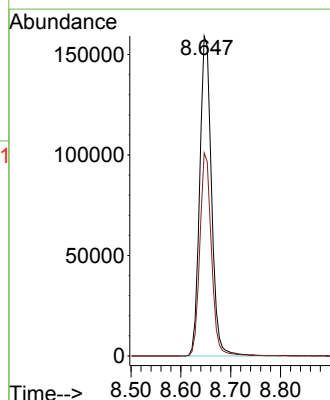
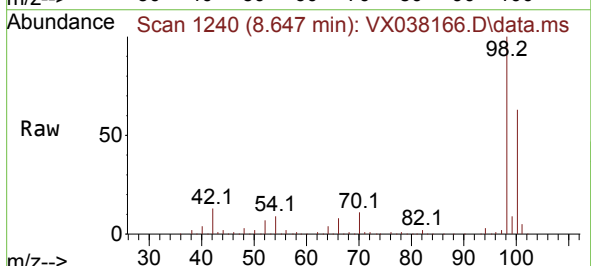
Acq: 09 Oct 2023 13:04

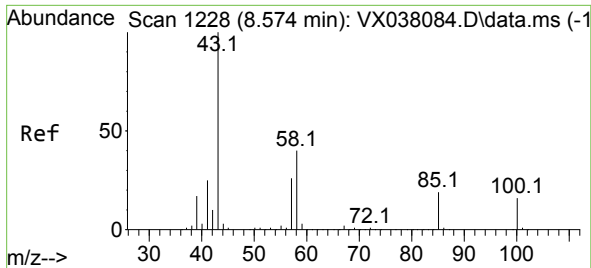
Tgt Ion: 98 Resp: 261297

Ion Ratio Lower Upper

98 100

100 62.5 53.1 79.7

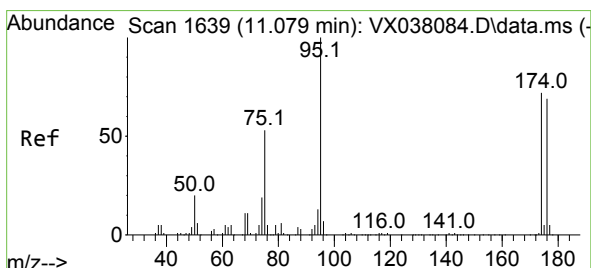
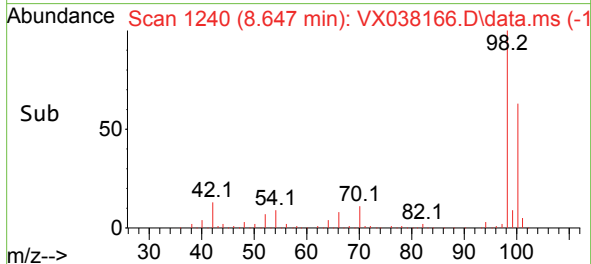
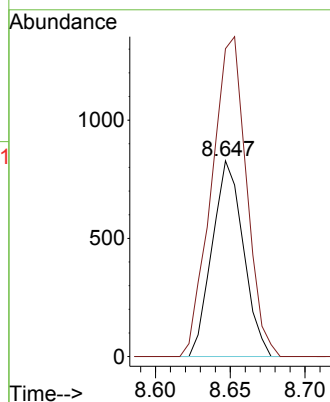
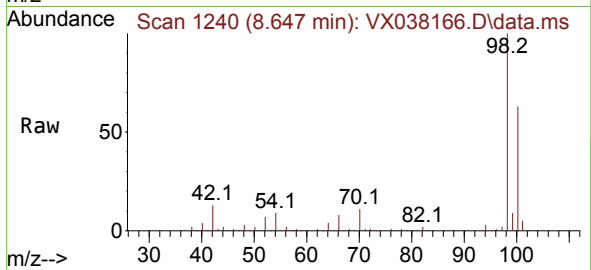




#51
4-Methyl-2-Pentanone
Concen: 0.471 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038166.D
Acq: 09 Oct 2023 13:04

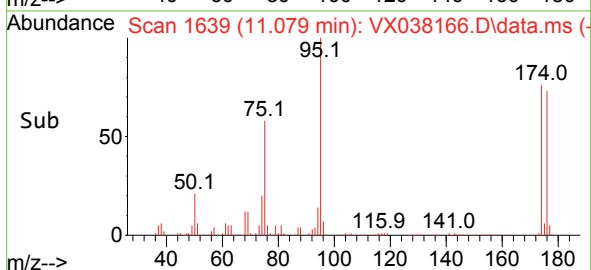
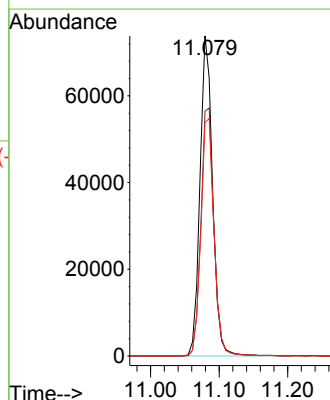
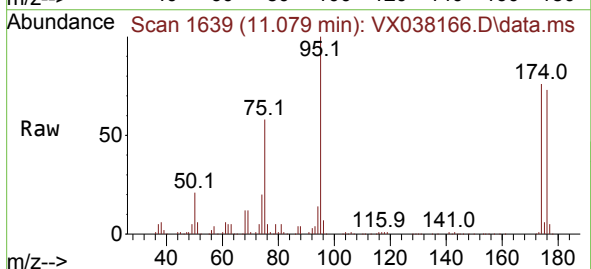
Instrument :
MSVOA_X
ClientSampleId :
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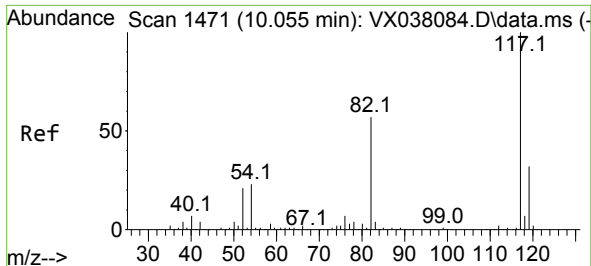
Tgt Ion: 43 Resp: 1204
Ion Ratio Lower Upper
43 100
58 182.3 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 43.049 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038166.D
Acq: 09 Oct 2023 13:04

Tgt Ion: 95 Resp: 94526
Ion Ratio Lower Upper
95 100
174 80.3 0.0 135.6
176 77.4 0.0 131.0

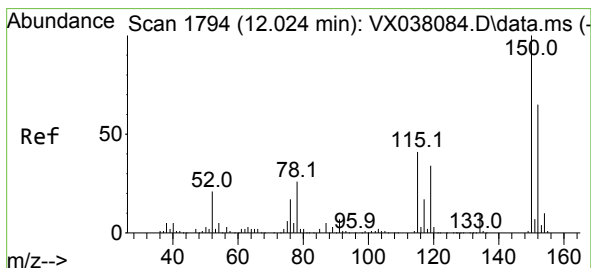
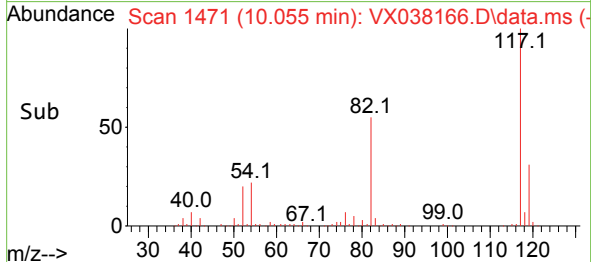
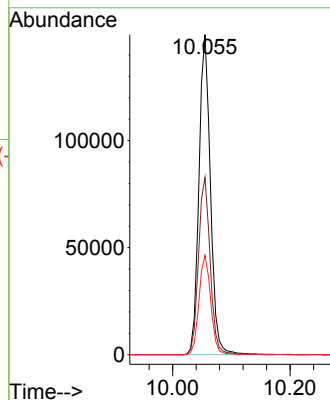
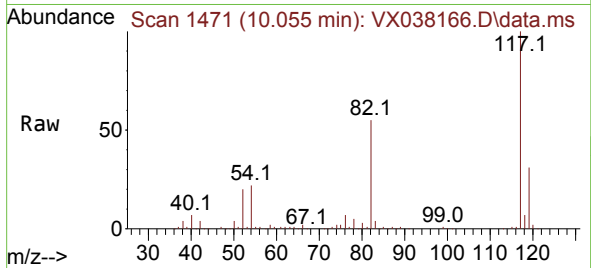




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038166.D
Acq: 09 Oct 2023 13:04

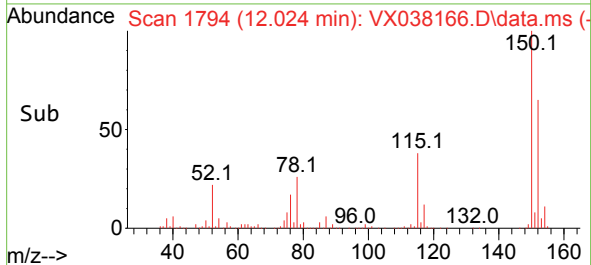
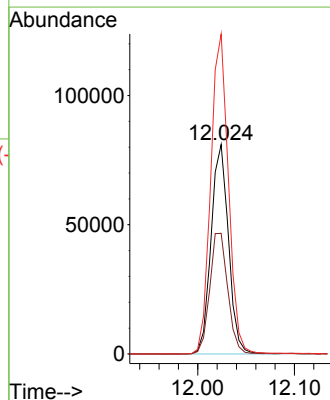
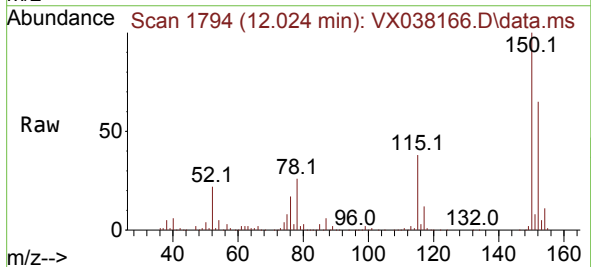
Instrument :
MSVOA_X
ClientSampleId :
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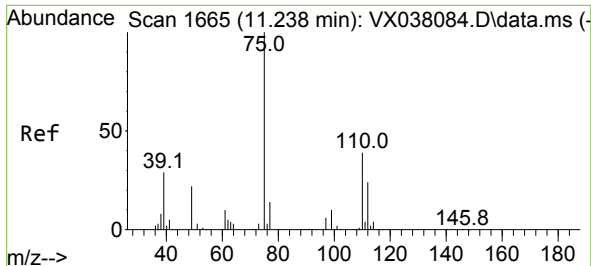
Tgt Ion:117 Resp: 203478
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 31.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038166.D
Acq: 09 Oct 2023 13:04

Tgt Ion:152 Resp: 101508
Ion Ratio Lower Upper
152 100
115 60.1 43.3 129.9
150 155.5 0.0 345.0

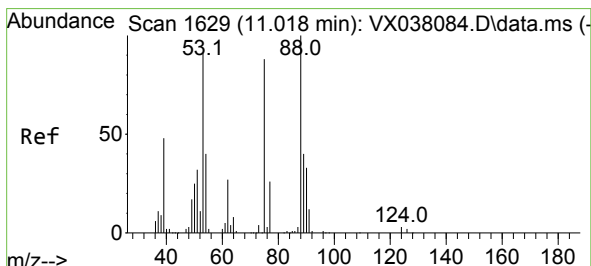
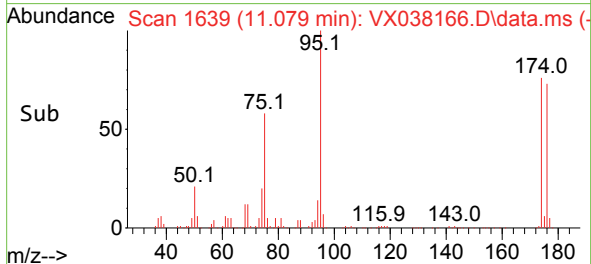
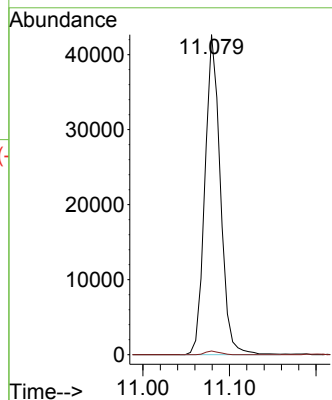
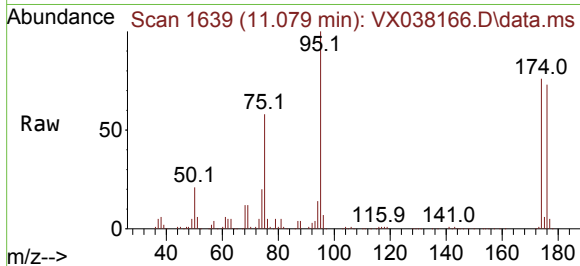




#76
1,2,3-Trichloropropane
Concen: 22.871 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038166.D
Acq: 09 Oct 2023 13:04

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 52779
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.429 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038166.D
Acq: 09 Oct 2023 13:04

Tgt Ion: 75 Resp: 52779
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

