

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042823\
 Data File : VX035400.D
 Acq On : 28 Apr 2023 18:49
 Operator : JC/MD
 Sample : 02473-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Apr 29 00:42:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

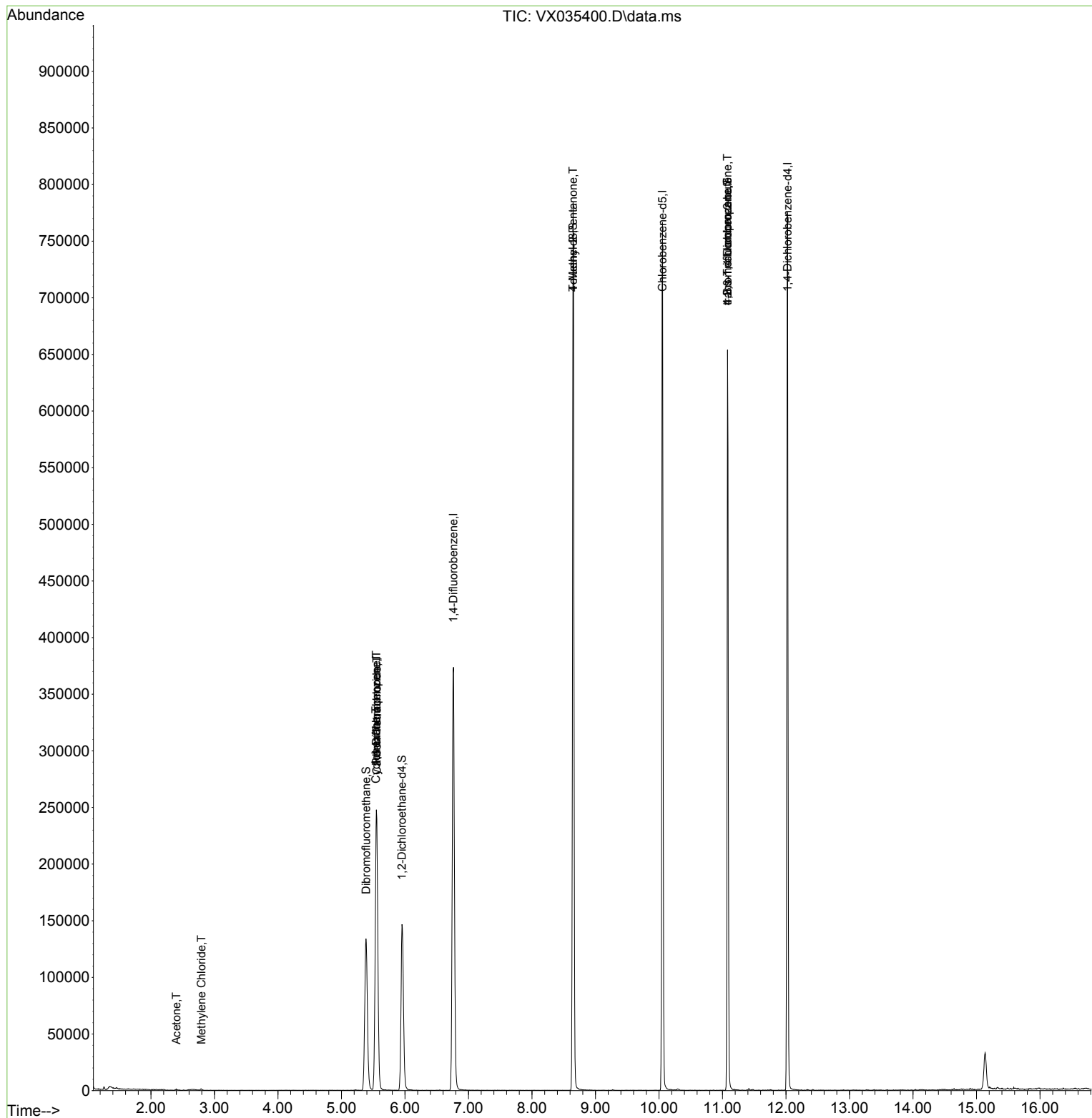
Internal Standards						
1) Pentafluorobenzene	5.550	168	244125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	397046	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	364115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	143216	48.627	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.260%
35) Dibromofluoromethane	5.385	113	121757	49.963	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.920%
50) Toluene-d8	8.647	98	470079	51.135	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.260%
62) 4-Bromofluorobenzene	11.079	95	178738	51.685	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.360%
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	1144	0.894	ug/l	91
20) Methylene Chloride	2.794	84	702	0.239	ug/l #	60
31) Cyclohexane	5.544	56	4470	1.070	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	16936	4.451	ug/l #	51
38) Carbon Tetrachloride	5.556	117	24016	6.648	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1924	0.536	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	87212	25.180	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	87212	81.552	ug/l #	8

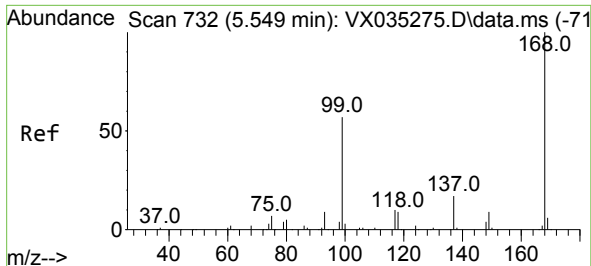
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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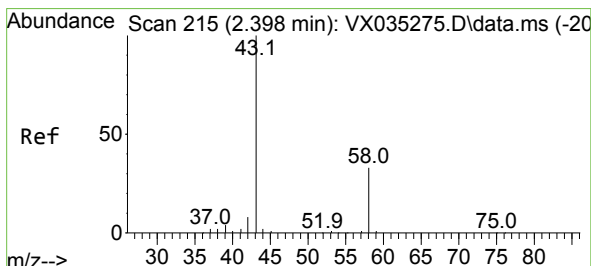
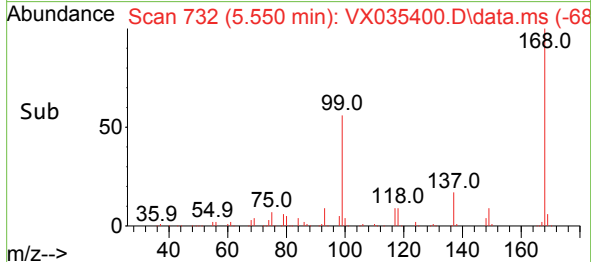
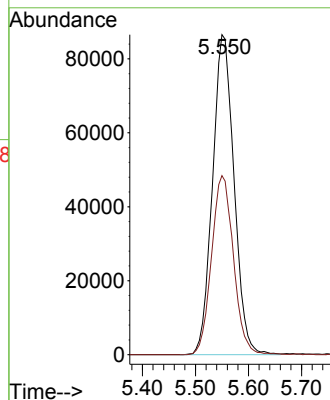
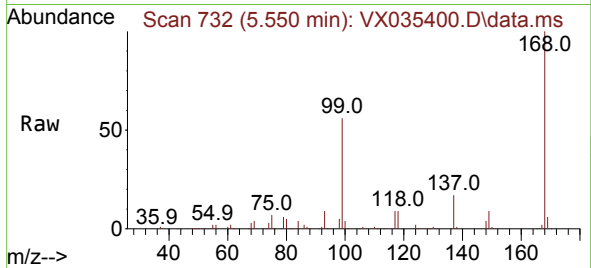




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035400.D
Acq: 28 Apr 2023 18:49

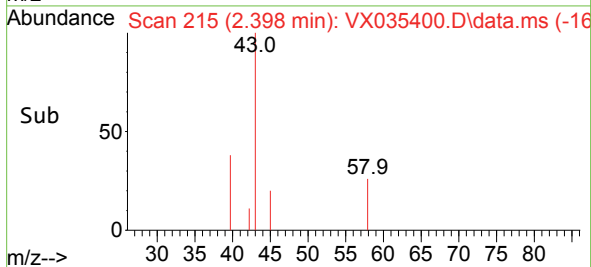
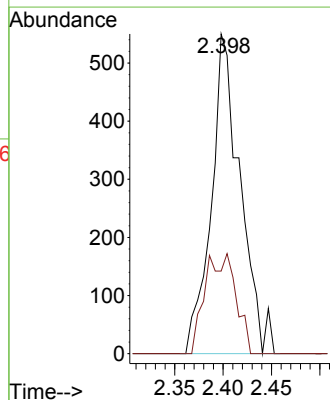
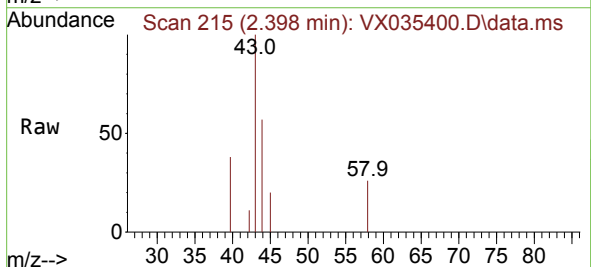
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

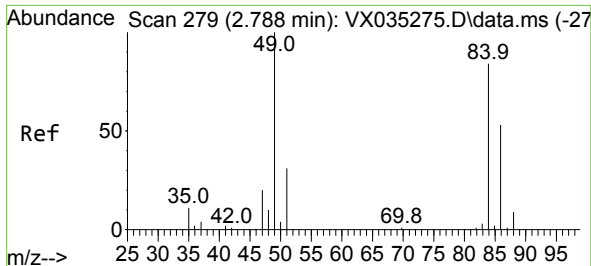
Tgt Ion:168 Resp: 244125
Ion Ratio Lower Upper
168 100
99 55.9 45.7 68.5



#16
Acetone
Concen: 0.894 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX035400.D
Acq: 28 Apr 2023 18:49

Tgt Ion: 43 Resp: 1144
Ion Ratio Lower Upper
43 100
58 25.8 24.7 37.1

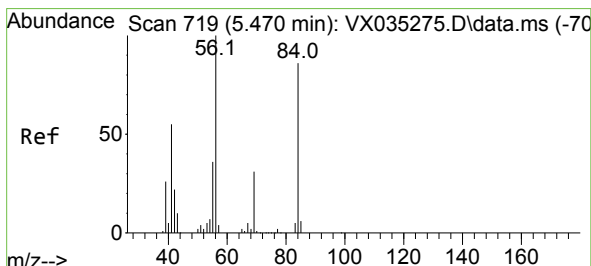
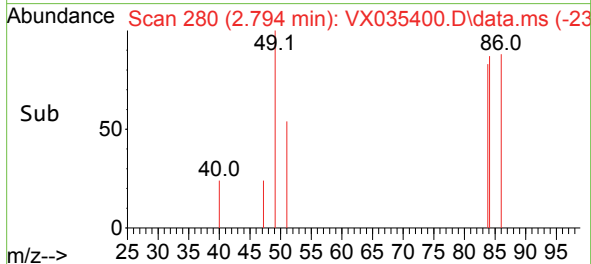
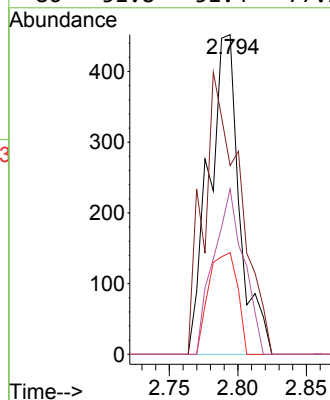
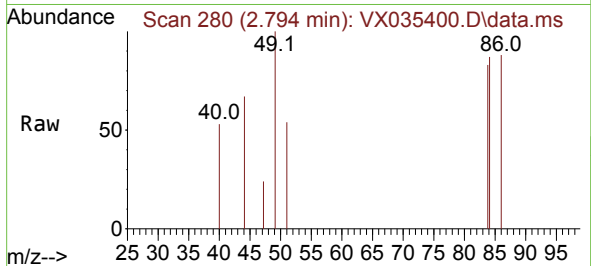




#20
Methylene Chloride
Concen: 0.239 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX035400.D
Acq: 28 Apr 2023 18:49

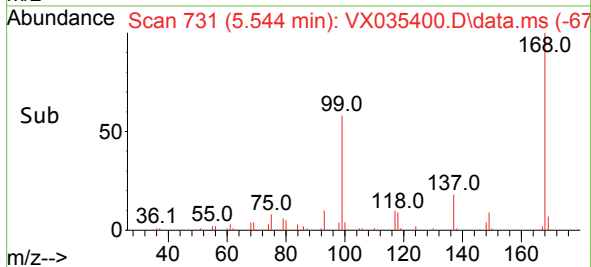
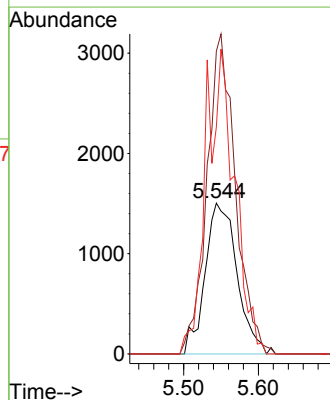
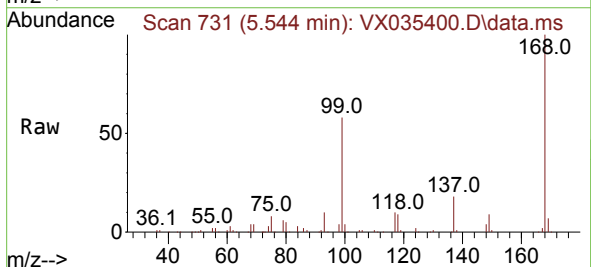
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

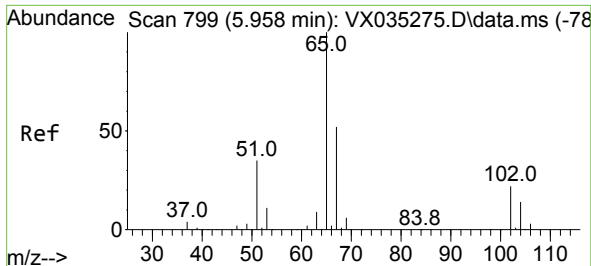
Tgt Ion: 84 Resp: 702
Ion Ratio Lower Upper
84 100
49 59.1 103.8 155.8#
51 31.9 31.8 47.8
86 51.8 51.4 77.2



#31
Cyclohexane
Concen: 1.070 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.074 min
Lab File: VX035400.D
Acq: 28 Apr 2023 18:49

Tgt Ion: 56 Resp: 4470
Ion Ratio Lower Upper
56 100
69 200.7 23.7 35.5#
84 150.5 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 48.627 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035400.D

Acq: 28 Apr 2023 18:49

Instrument :

MSVOA_X

ClientSampleId :

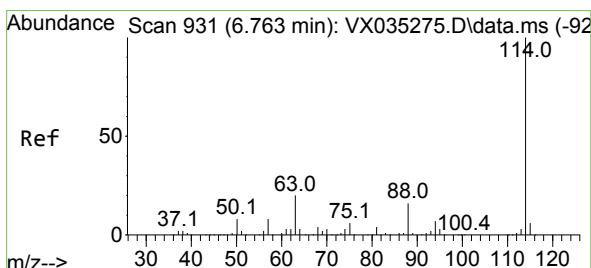
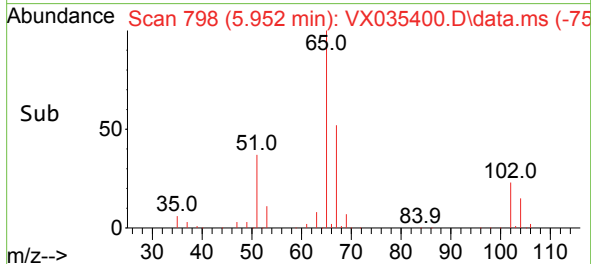
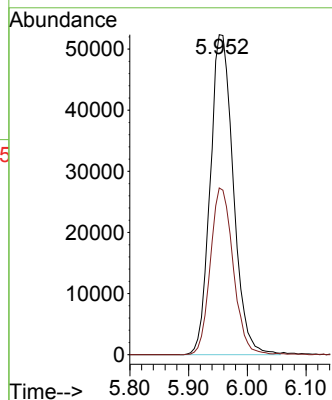
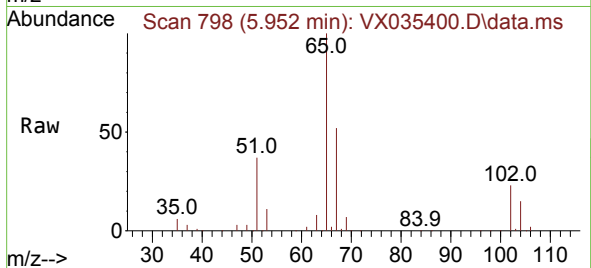
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 65 Resp: 143216

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035400.D

Acq: 28 Apr 2023 18:49

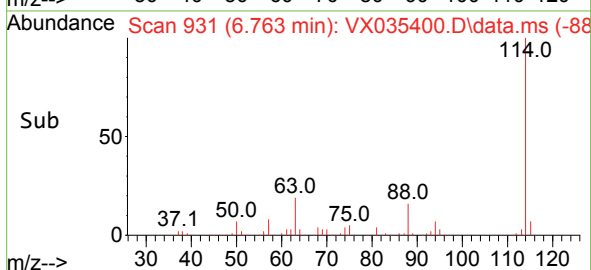
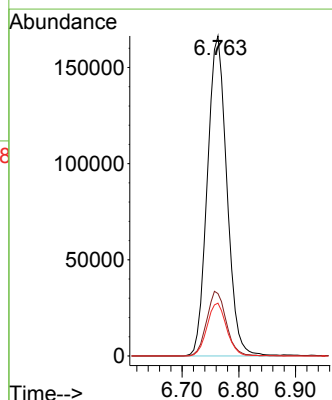
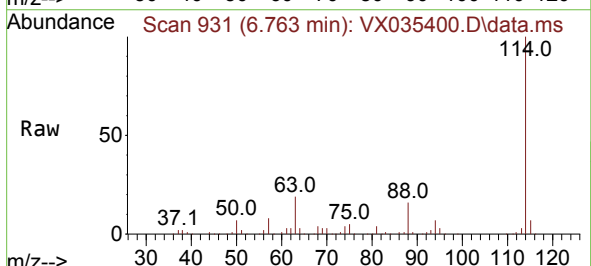
Tgt Ion:114 Resp: 397046

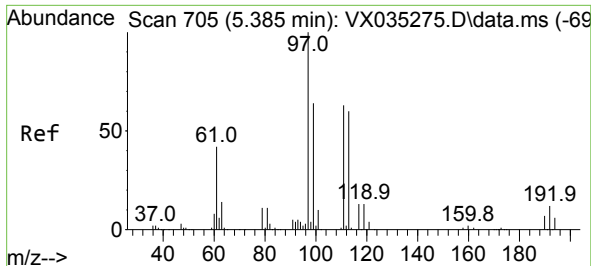
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.2

88 16.5 0.0 33.2

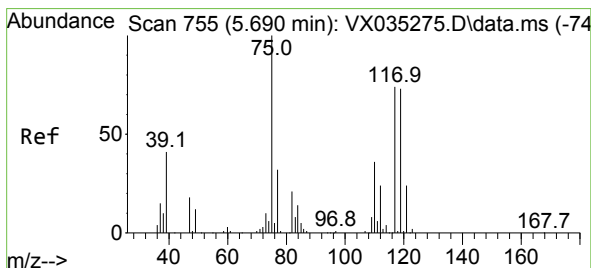
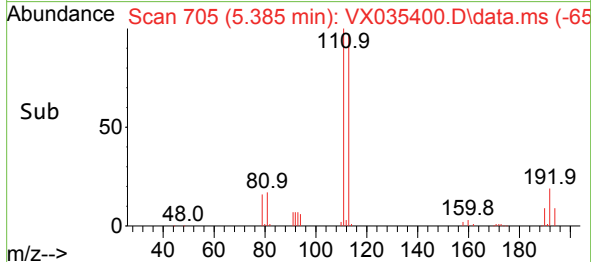
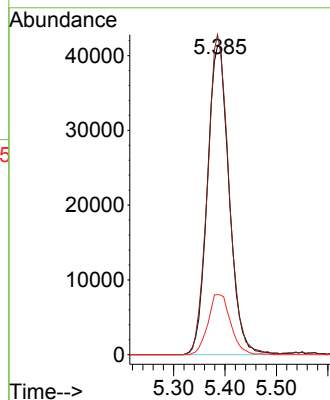
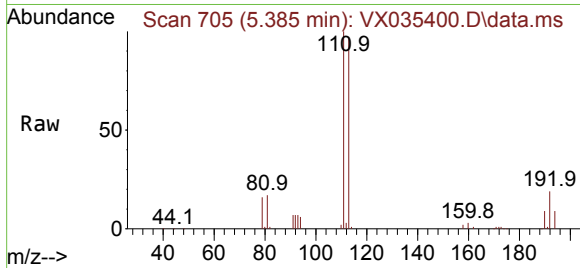




#35
Dibromofluoromethane
Concen: 49.963 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035400.D
Acq: 28 Apr 2023 18:49

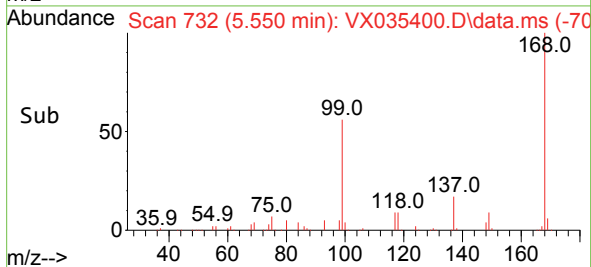
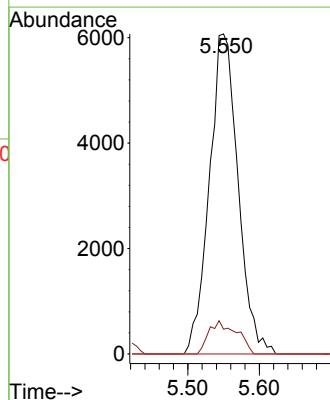
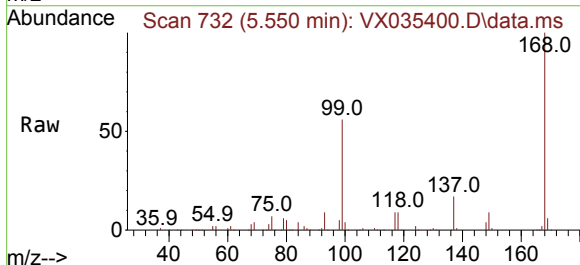
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

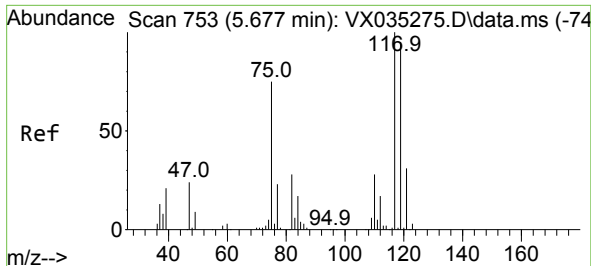
Tgt Ion:113 Resp: 121757
Ion Ratio Lower Upper
113 100
111 101.9 83.7 125.5
192 20.3 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.451 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035400.D
Acq: 28 Apr 2023 18:49

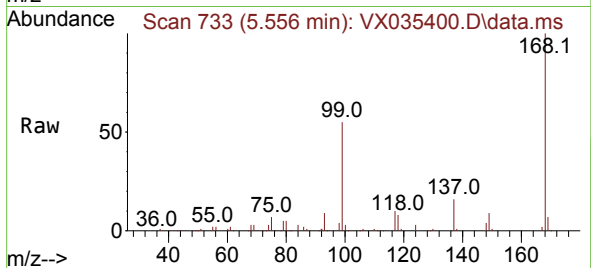
Tgt Ion: 75 Resp: 16936
Ion Ratio Lower Upper
75 100
110 10.0 17.5 52.5#
77 0.0 24.3 36.5#



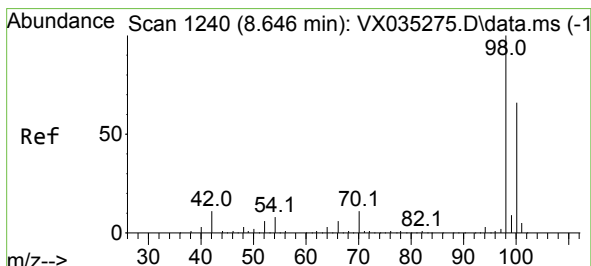
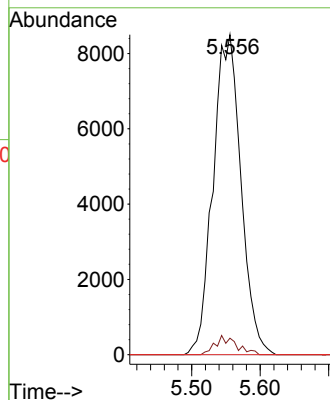
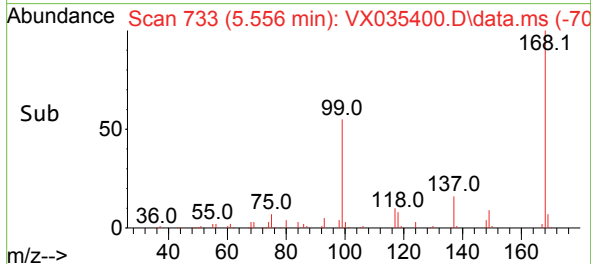


#38
Carbon Tetrachloride
Concen: 6.648 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX035400.D
Acq: 28 Apr 2023 18:49

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

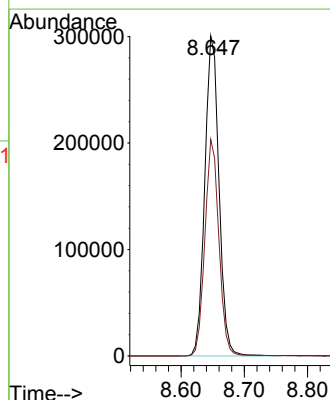
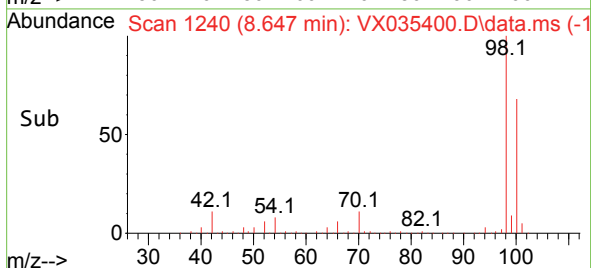
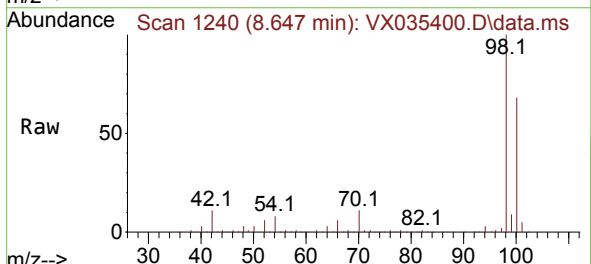


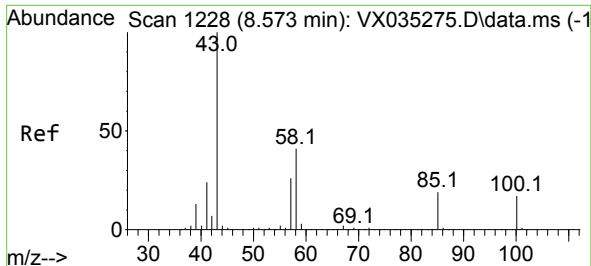
Tgt Ion:117 Resp: 24016
Ion Ratio Lower Upper
117 100
119 5.2 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 51.135 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035400.D
Acq: 28 Apr 2023 18:49

Tgt Ion: 98 Resp: 470079
Ion Ratio Lower Upper
98 100
100 67.0 52.5 78.7

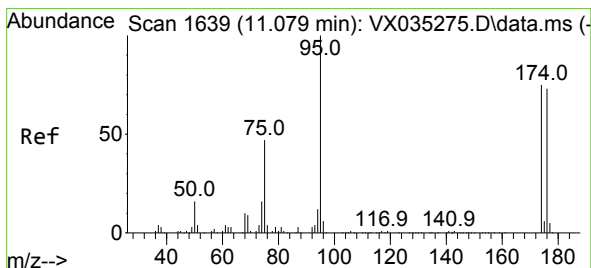
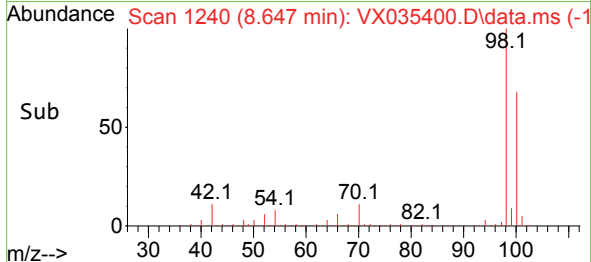
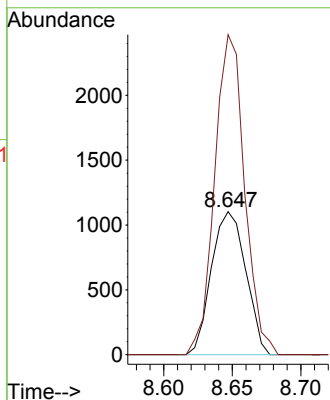
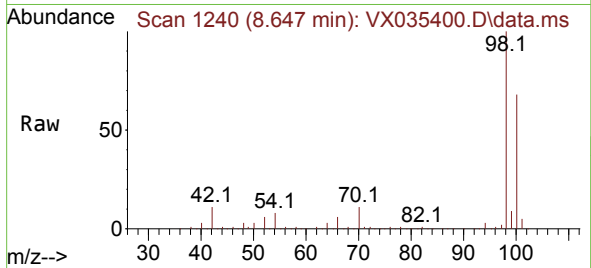




#51
4-Methyl-2-Pentanone
Concen: 0.536 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX035400.D
Acq: 28 Apr 2023 18:49

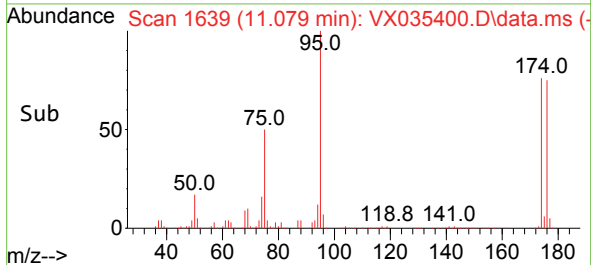
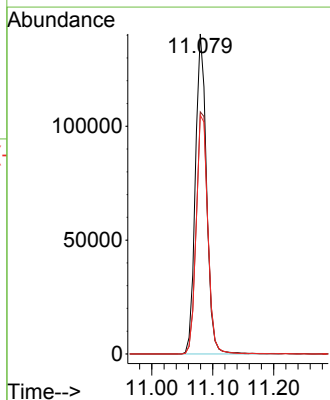
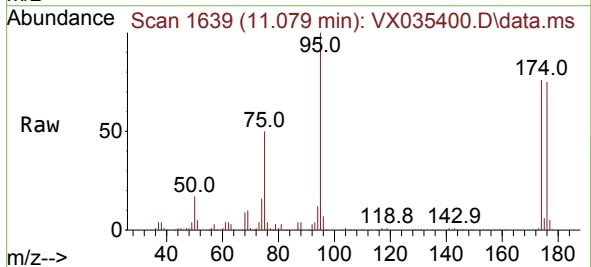
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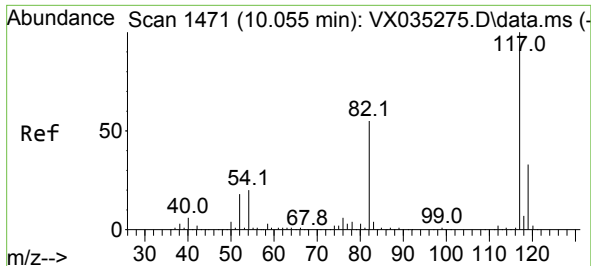
Tgt Ion: 43 Resp: 1924
Ion Ratio Lower Upper
43 100
58 195.3 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 51.685 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035400.D
Acq: 28 Apr 2023 18:49

Tgt Ion: 95 Resp: 178738
Ion Ratio Lower Upper
95 100
174 78.5 0.0 147.4
176 77.9 0.0 140.6

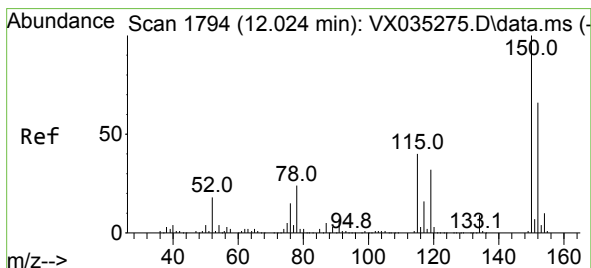
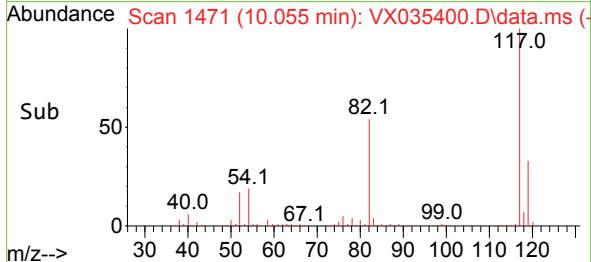
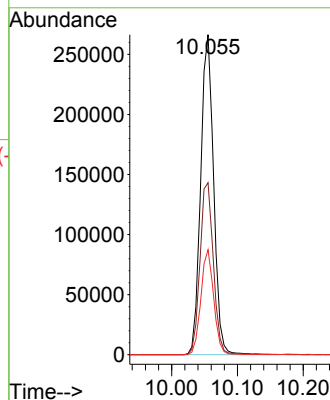
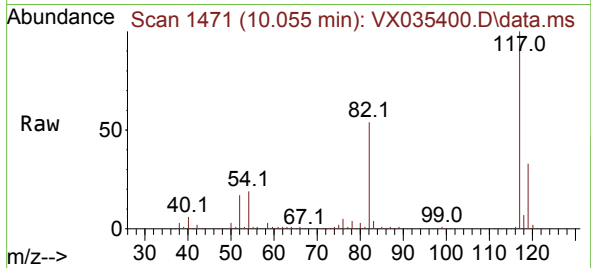




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035400.D
Acq: 28 Apr 2023 18:49

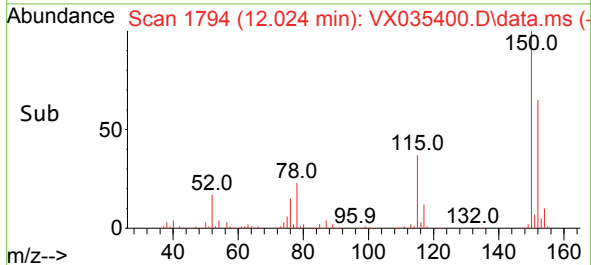
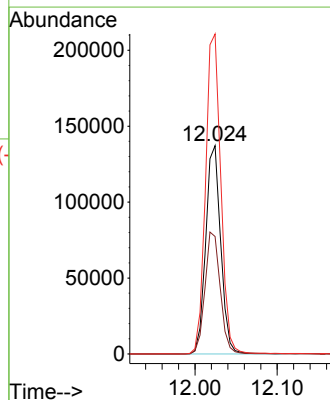
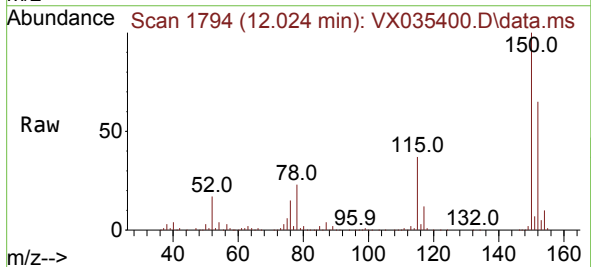
Instrument :
MSVOA_X
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STORAGE-BLANK-SAMPLE-MANAG

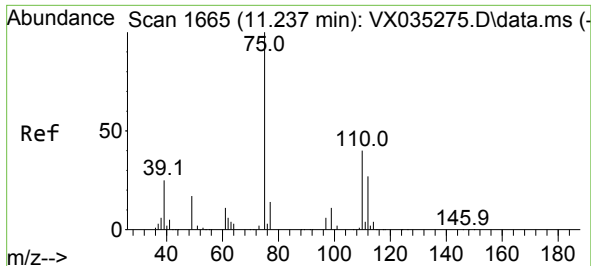
Tgt Ion:117 Resp: 364115
Ion Ratio Lower Upper
117 100
82 53.7 45.0 67.4
119 32.8 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035400.D
Acq: 28 Apr 2023 18:49

Tgt Ion:152 Resp: 173634
Ion Ratio Lower Upper
152 100
115 59.7 45.0 135.0
150 156.5 0.0 352.4

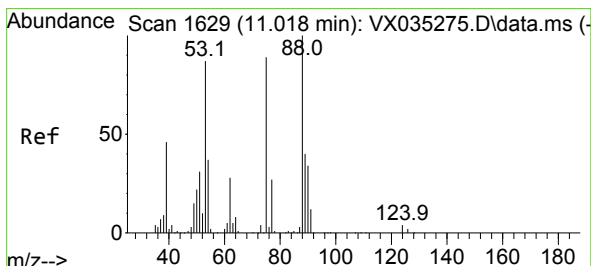
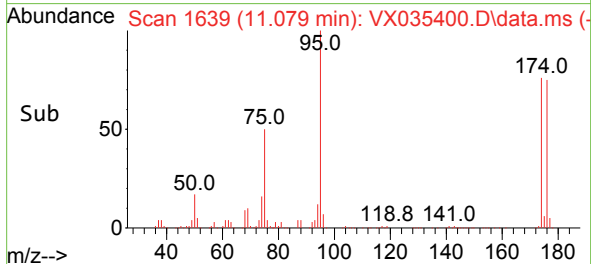
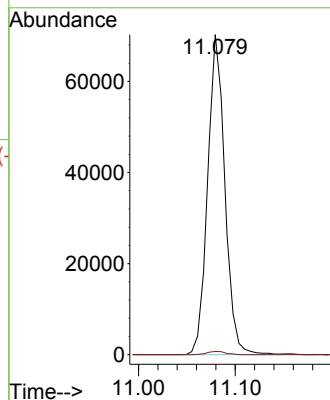
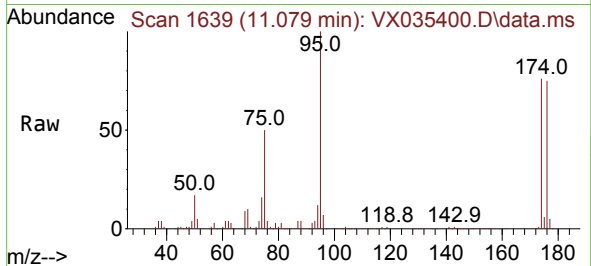




#76
1,2,3-Trichloropropane
Concen: 25.180 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035400.D
Acq: 28 Apr 2023 18:49

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 75 Resp: 87212
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.552 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035400.D
Acq: 28 Apr 2023 18:49

Tgt Ion: 75 Resp: 87212
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

