

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041323\
 Data File : VX035045.D
 Acq On : 12 Apr 2023 14:46
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 13 02:35:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

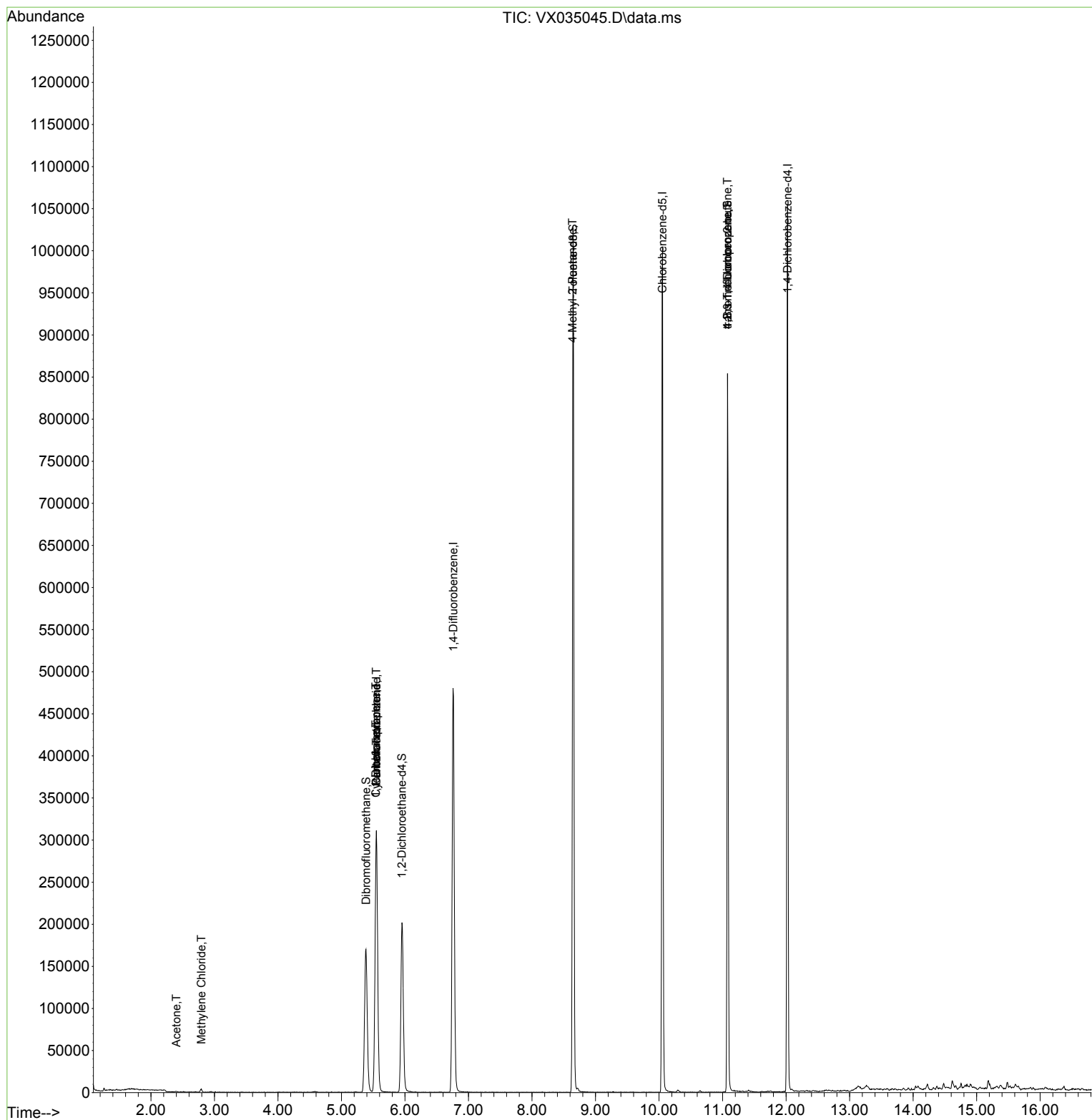
Internal Standards						
1) Pentafluorobenzene	5.550	168	284524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	484181	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	447712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	217482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	200626	46.106	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.220%
35) Dibromofluoromethane	5.385	113	151252	47.230	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.460%
50) Toluene-d8	8.647	98	587590	49.709	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.420%
62) 4-Bromofluorobenzene	11.079	95	230656	50.425	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.860%
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	1107	0.626	ug/l #	51
20) Methylene Chloride	2.794	84	1722	0.494	ug/l #	94
31) Cyclohexane	5.544	56	5990	1.131	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	23047	4.858	ug/l #	51
38) Carbon Tetrachloride	5.550	117	30235	6.759	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	2683	0.546	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	120367	27.468	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	120367	82.319	ug/l #	8

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

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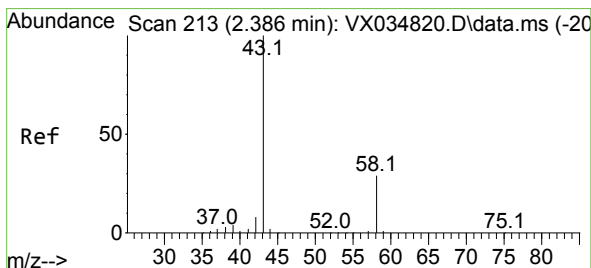
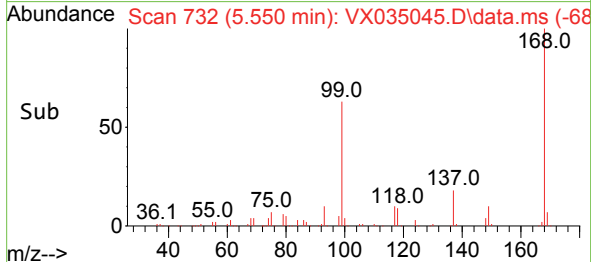
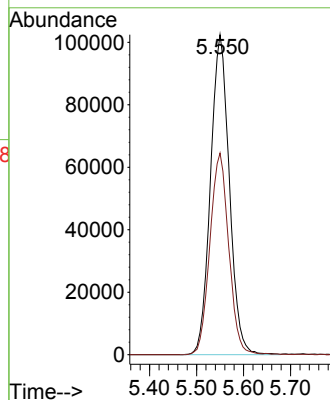
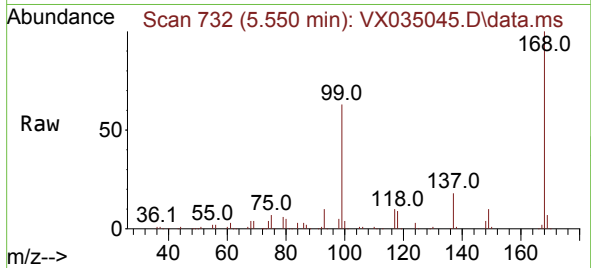




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035045.D
Acq: 12 Apr 2023 14:46

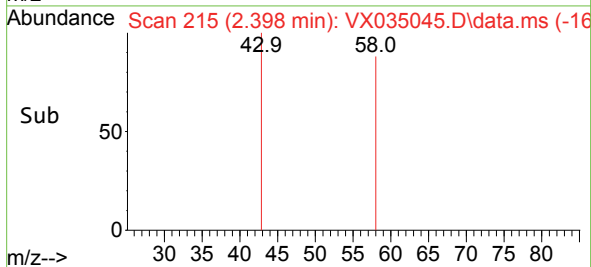
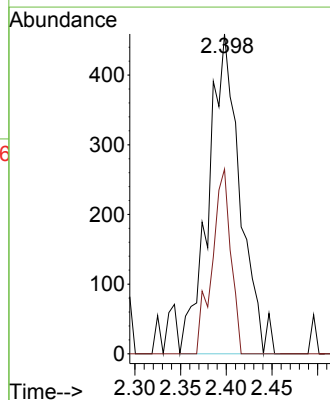
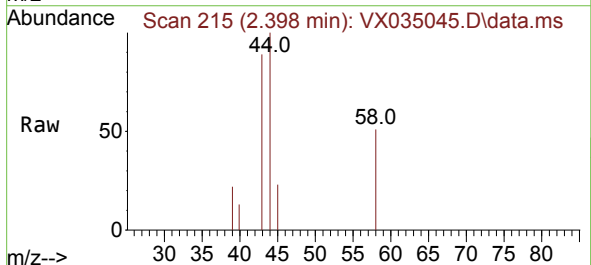
Instrument :
MSVOA_X
ClientSampleId :
IBLK

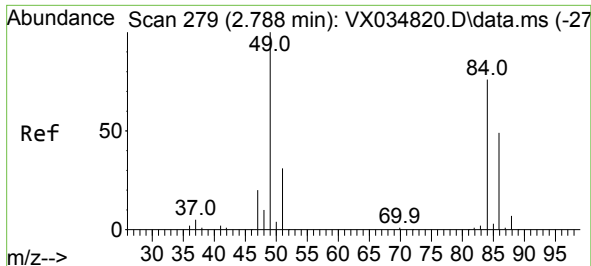
Tgt Ion:168 Resp: 284524
Ion Ratio Lower Upper
168 100
99 63.0 45.7 68.5



#16
Acetone
Concen: 0.626 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX035045.D
Acq: 12 Apr 2023 14:46

Tgt Ion: 43 Resp: 1107
Ion Ratio Lower Upper
43 100
58 57.7 24.7 37.1#

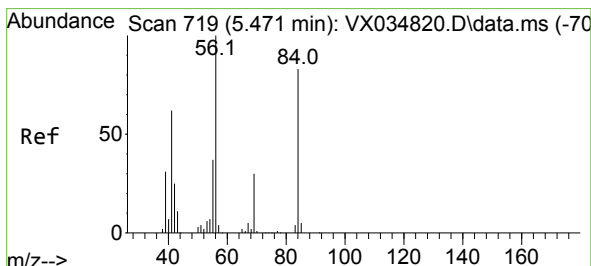
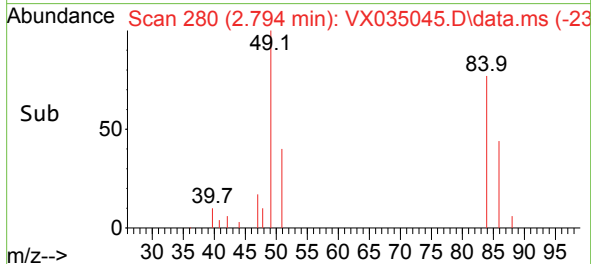
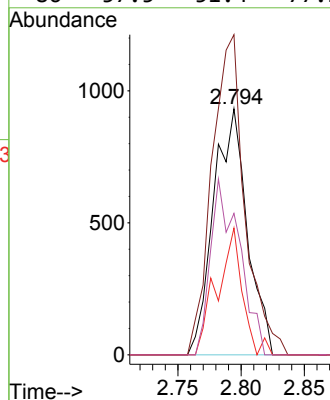
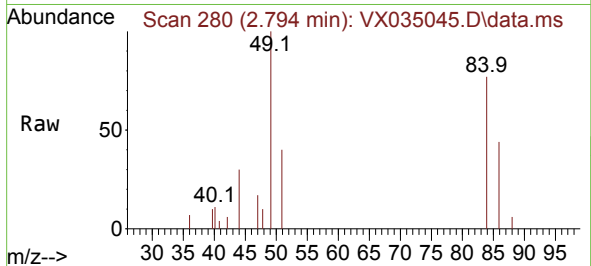




#20
Methylene Chloride
Concen: 0.494 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX035045.D
Acq: 12 Apr 2023 14:46

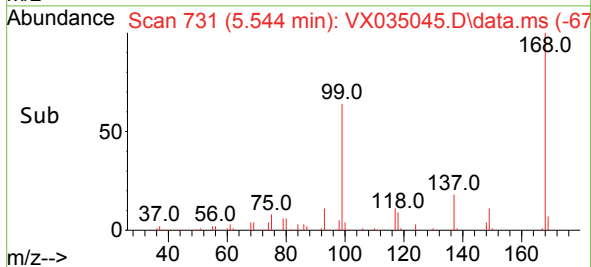
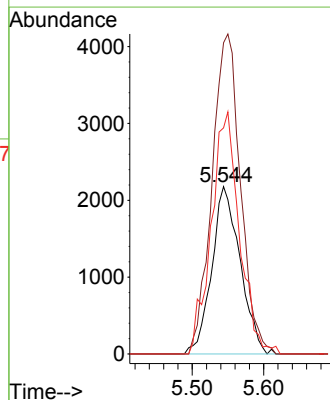
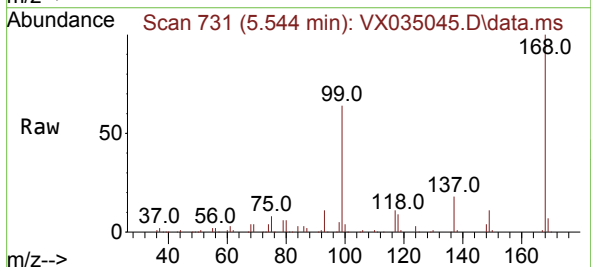
Instrument :
MSVOA_X
ClientSampleId :
IBLK

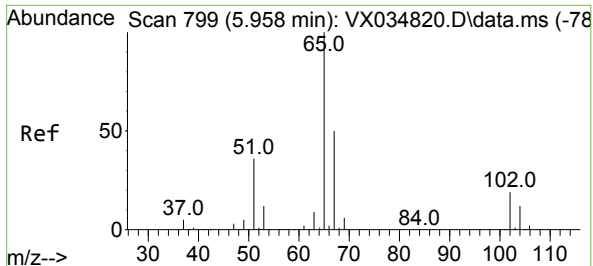
Tgt Ion:	84	Resp:	1722
Ion	Ratio	Lower	Upper
84	100		
49	130.2	103.8	155.8
51	51.5	31.8	47.8#
86	57.5	51.4	77.2



#31
Cyclohexane
Concen: 1.131 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX035045.D
Acq: 12 Apr 2023 14:46

Tgt Ion:	56	Resp:	5990
Ion	Ratio	Lower	Upper
56	100		
69	185.9	23.7	35.5#
84	135.0	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 46.106 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035045.D

Acq: 12 Apr 2023 14:46

Instrument :

MSVOA_X

ClientSampleId :

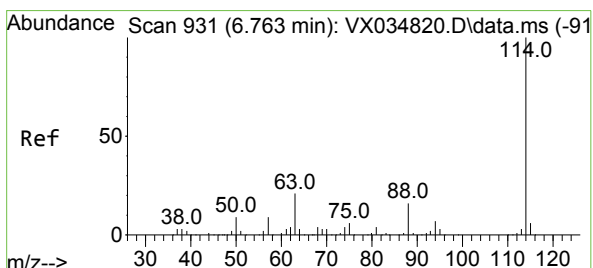
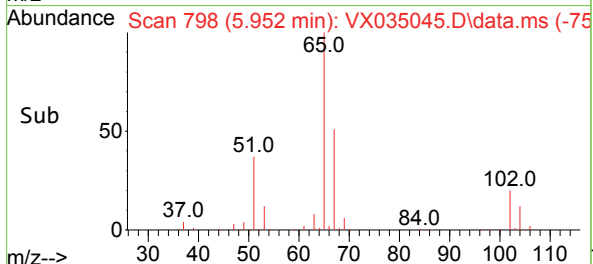
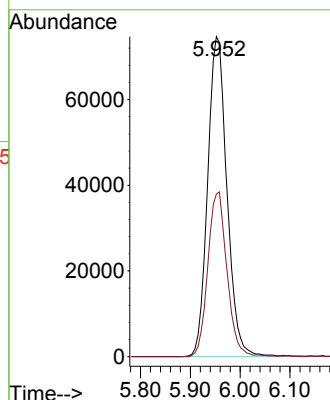
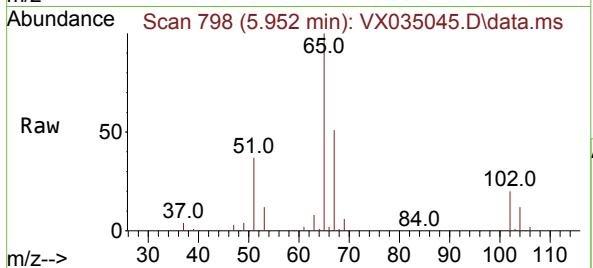
IBLK

Tgt Ion: 65 Resp: 200626

Ion Ratio Lower Upper

65 100

67 51.1 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: VX035045.D

Acq: 12 Apr 2023 14:46

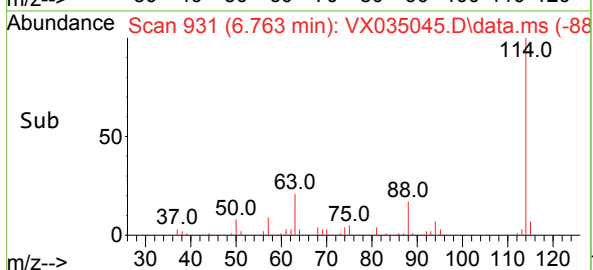
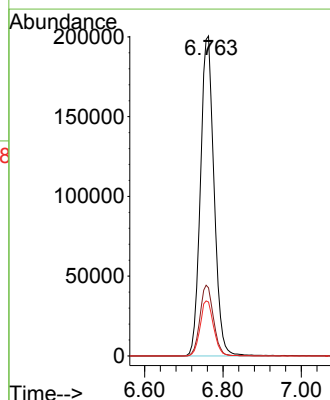
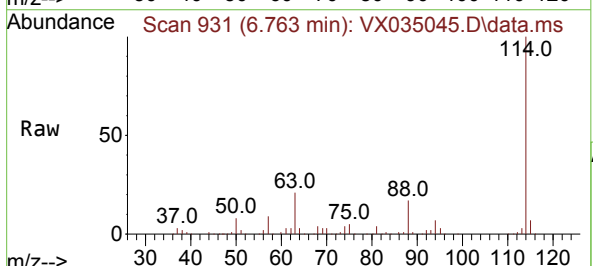
Tgt Ion: 114 Resp: 484181

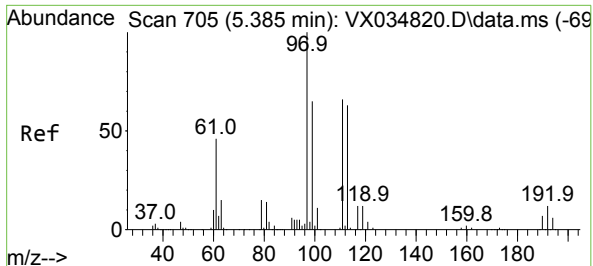
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.2

88 16.8 0.0 33.2

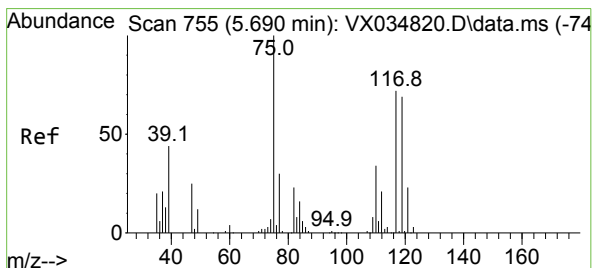
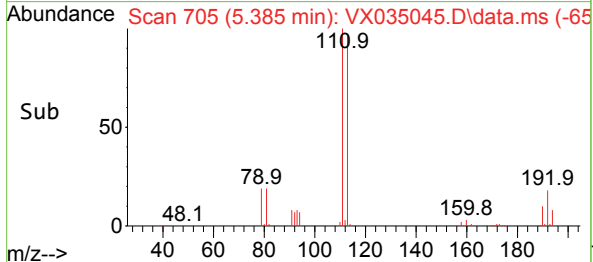
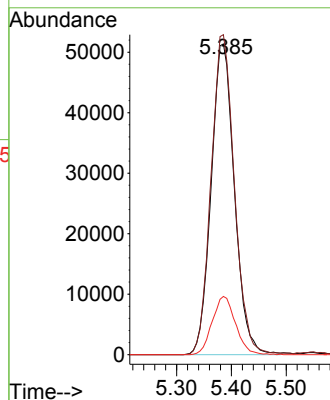
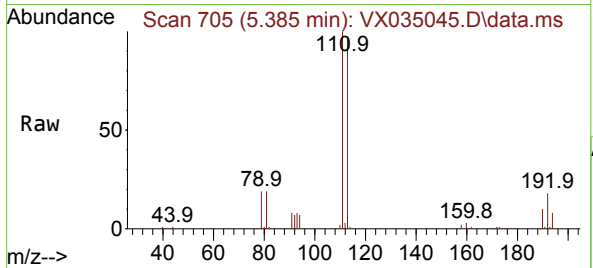




#35
Dibromofluoromethane
Concen: 47.230 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035045.D
Acq: 12 Apr 2023 14:46

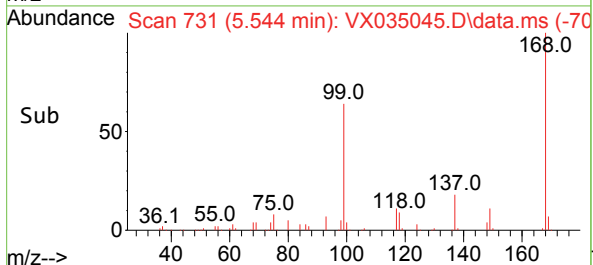
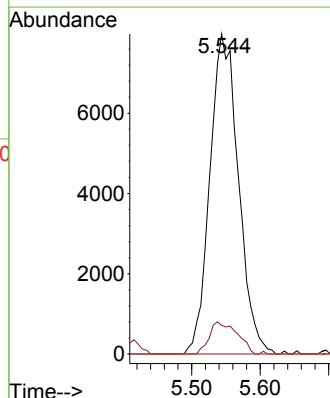
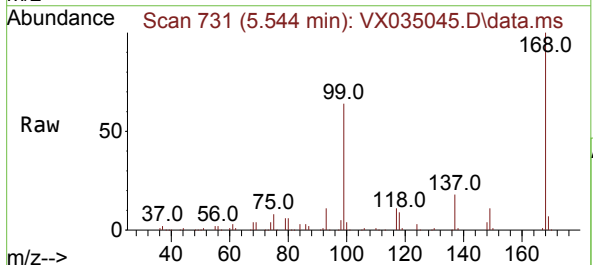
Instrument :
MSVOA_X
ClientSampleId :
IBLK

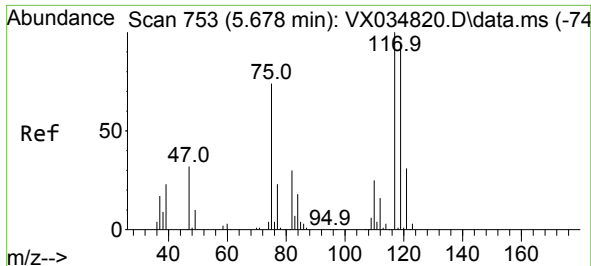
Tgt Ion:113 Resp: 151252
Ion Ratio Lower Upper
113 100
111 103.3 83.7 125.5
192 18.8 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.858 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX035045.D
Acq: 12 Apr 2023 14:46

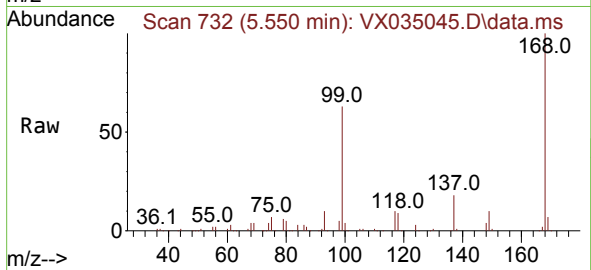
Tgt Ion: 75 Resp: 23047
Ion Ratio Lower Upper
75 100
110 9.8 17.5 52.5#
77 0.0 24.3 36.5#



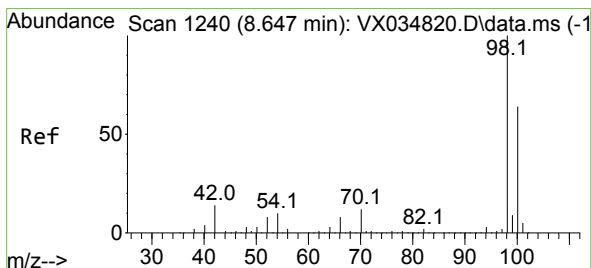
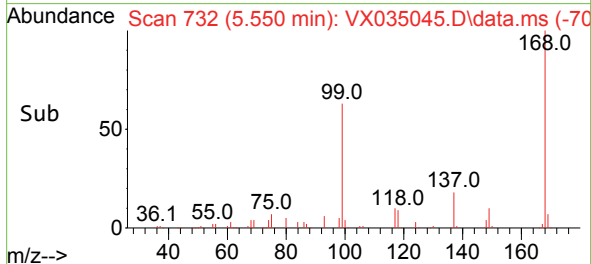
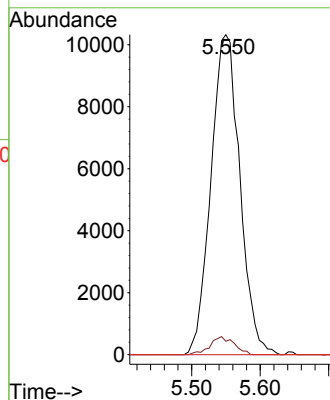


#38
Carbon Tetrachloride
Concen: 6.759 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035045.D
Acq: 12 Apr 2023 14:46

Instrument :
MSVOA_X
ClientSampleId :
IBLK

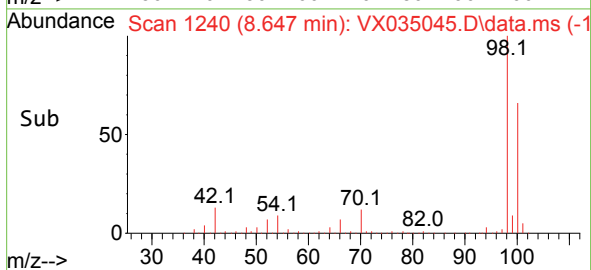
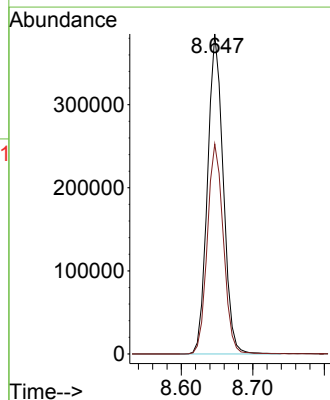
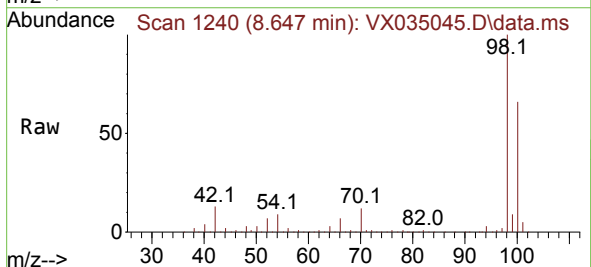


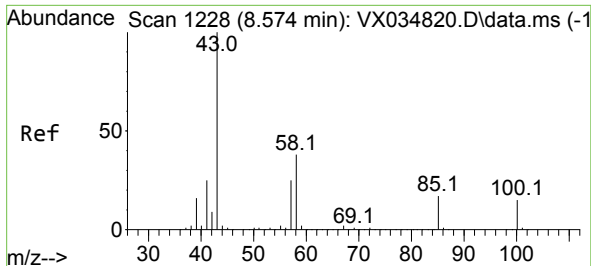
Tgt Ion:117 Resp: 30235
Ion Ratio Lower Upper
117 100
119 4.2 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.709 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035045.D
Acq: 12 Apr 2023 14:46

Tgt Ion: 98 Resp: 587590
Ion Ratio Lower Upper
98 100
100 67.0 52.5 78.7

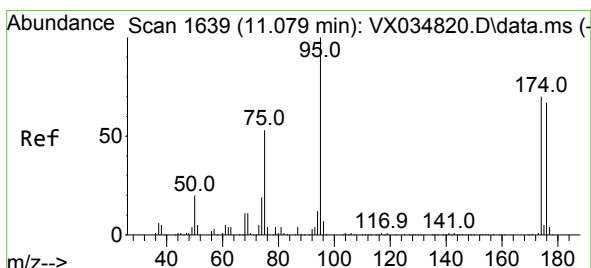
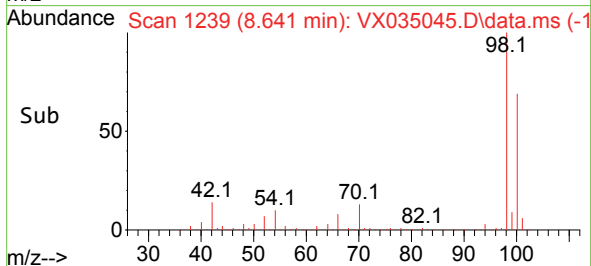
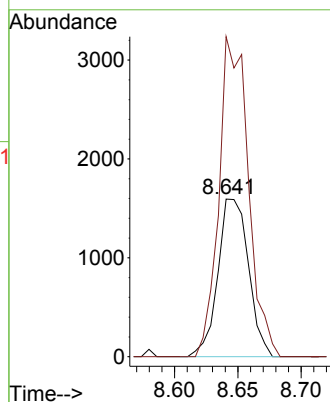
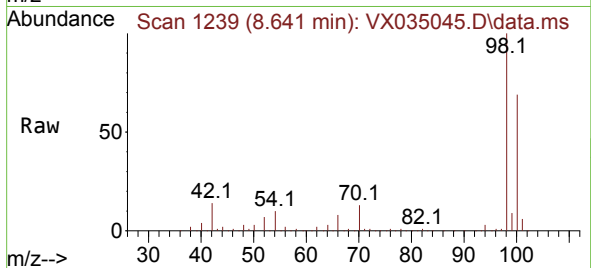




#51
4-Methyl-2-Pentanone
Concen: 0.546 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX035045.D
Acq: 12 Apr 2023 14:46

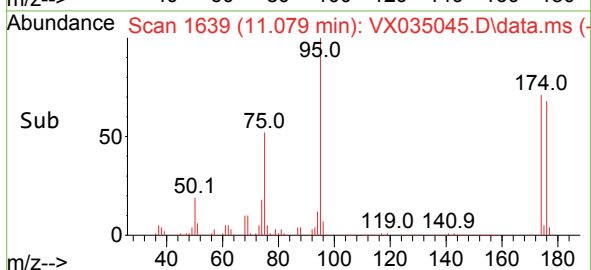
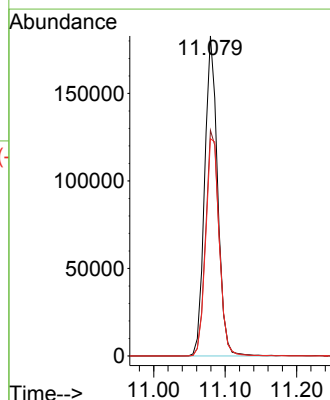
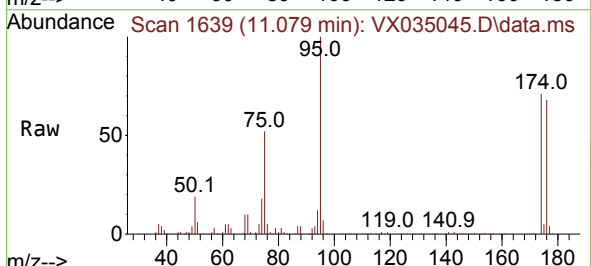
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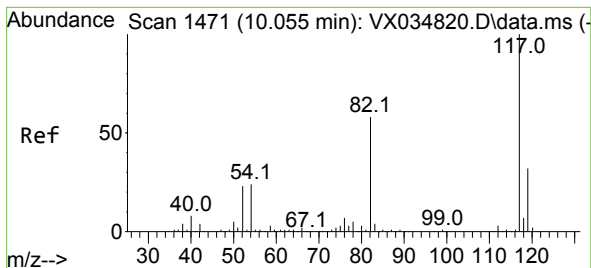
Tgt Ion: 43 Resp: 2683
Ion Ratio Lower Upper
43 100
58 194.7 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 50.425 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035045.D
Acq: 12 Apr 2023 14:46

Tgt Ion: 95 Resp: 230656
Ion Ratio Lower Upper
95 100
174 73.1 0.0 147.4
176 71.8 0.0 140.6

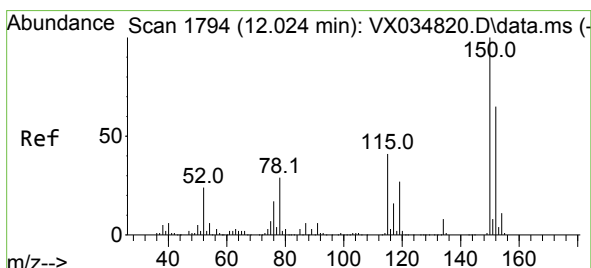
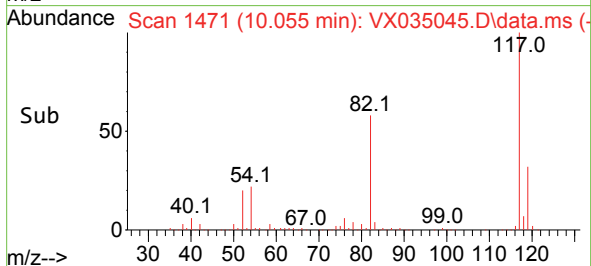
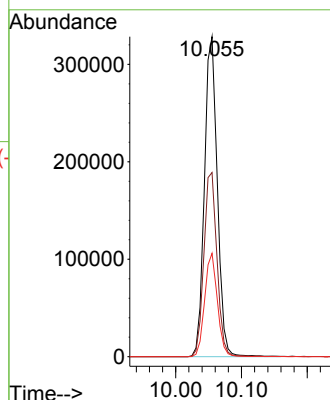
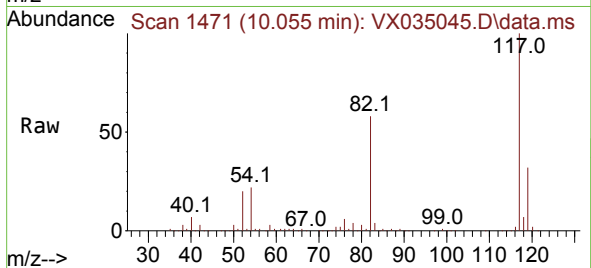




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035045.D
Acq: 12 Apr 2023 14:46

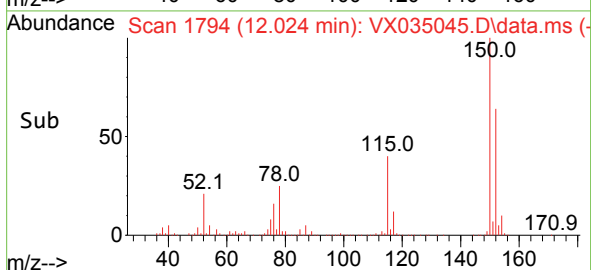
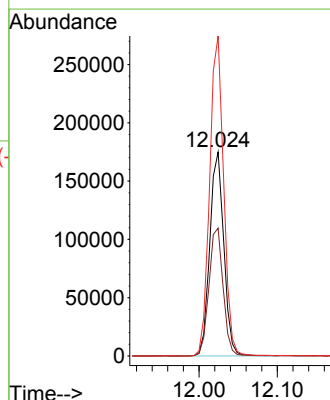
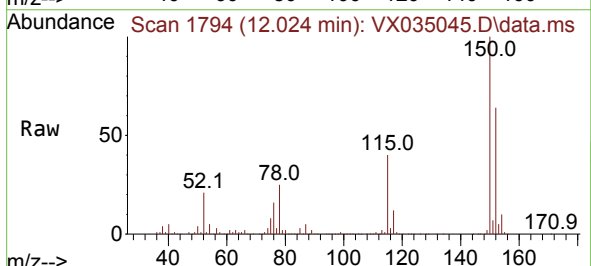
Instrument :
MSVOA_X
ClientSampleId :
IBLK

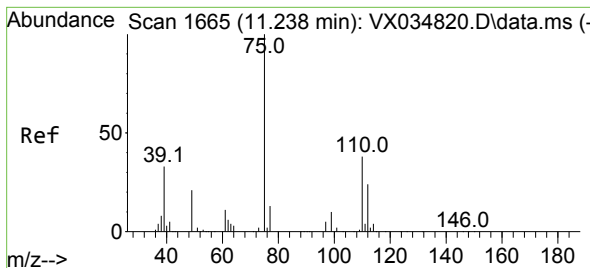
Tgt Ion:117 Resp: 447712
Ion Ratio Lower Upper
117 100
82 57.6 45.0 67.4
119 32.3 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035045.D
Acq: 12 Apr 2023 14:46

Tgt Ion:152 Resp: 217482
Ion Ratio Lower Upper
152 100
115 63.5 45.0 135.0
150 156.4 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 27.468 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX035045.D

Acq: 12 Apr 2023 14:46

Instrument :

MSVOA_X

ClientSampleId :

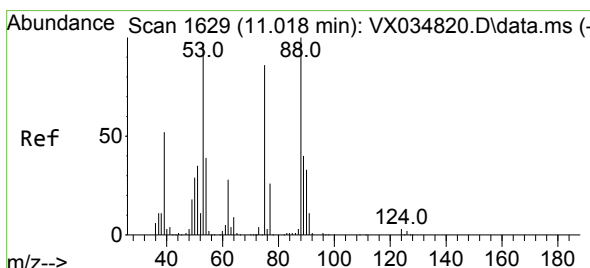
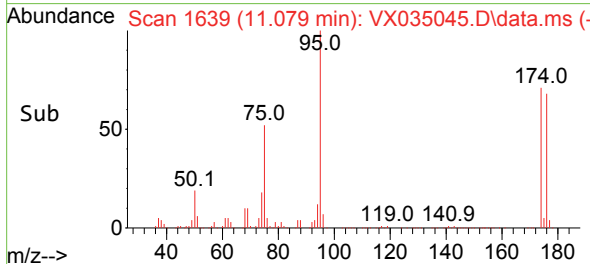
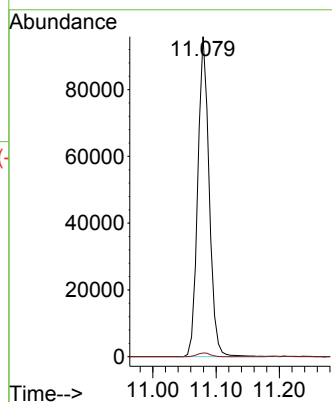
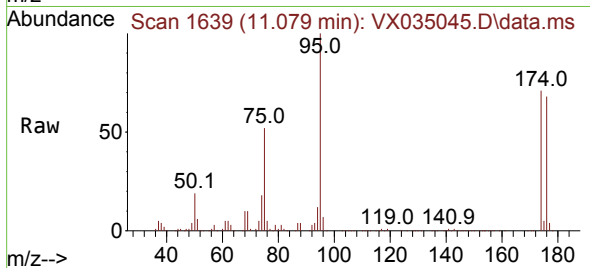
IBLK

Tgt Ion: 75 Resp: 120367

Ion Ratio Lower Upper

75 100

77 1.3 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 82.319 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035045.D

Acq: 12 Apr 2023 14:46

Tgt Ion: 75 Resp: 120367

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

