

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122923\
 Data File : VX039548.D
 Acq On : 29 Dec 2023 16:17
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Dec 30 02:03:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	85686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	180874	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68317	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75607	48.166	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.340%
35) Dibromofluoromethane	5.385	113	57333	45.882	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.760%
50) Toluene-d8	8.647	98	227620	49.066	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.140%
62) 4-Bromofluorobenzene	11.079	95	86288	45.081	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.160%

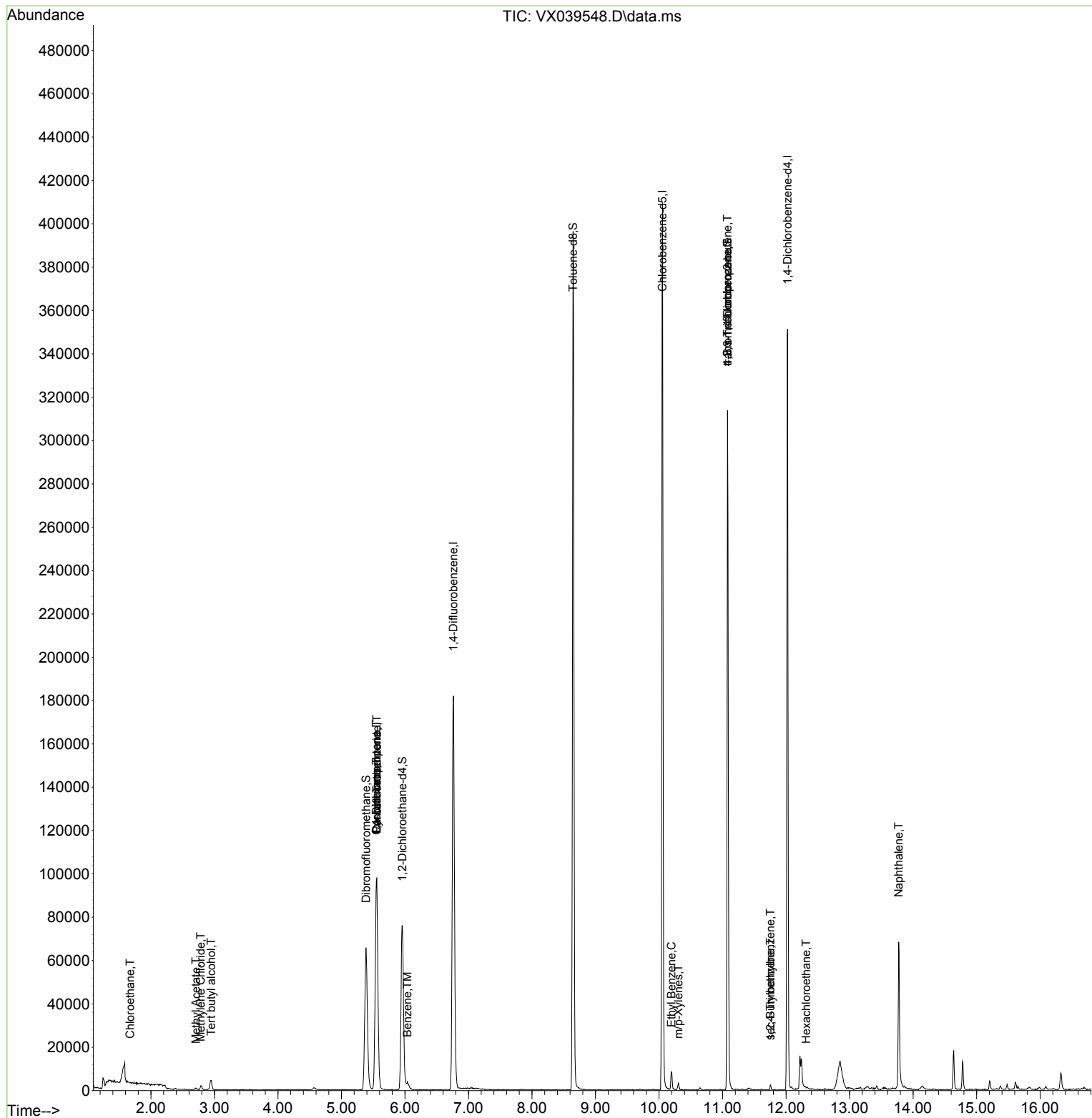
Target Compounds			Qvalue			
6) Chloroethane	1.672	64	217	0.290	ug/l #	43
11) Tert butyl alcohol	2.946	59	2853	7.238	ug/l #	80
16) Acetone	2.385	43	563	Below Cal		96
18) Methyl Acetate	2.709	43	1015	0.299	ug/l	98
20) Methylene Chloride	2.782	84	965	0.737	ug/l #	80
31) Cyclohexane	5.550	56	2443	1.205	ug/l #	4
36) 1,1-Dichloropropene	5.550	75	8597	4.360	ug/l #	50
38) Carbon Tetrachloride	5.556	117	9739	5.175	ug/l #	15
40) Benzene	6.037	78	3586	0.643	ug/l #	90
67) Ethyl Benzene	10.195	91	5797	0.822	ug/l	95
68) m/p-Xylenes	10.305	106	765	0.303	ug/l	80
76) 1,2,3-Trichloropropane	11.079	75	47993	27.153	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	47993	76.599	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.756	105	1089	0.236	ug/l	88
85) sec-Butylbenzene	11.756	105	1089	0.200	ug/l #	57
90) Hexachloroethane	12.317	117	253	0.307	ug/l #	17
95) Naphthalene	13.774	128	48762	9.760	ug/l	98

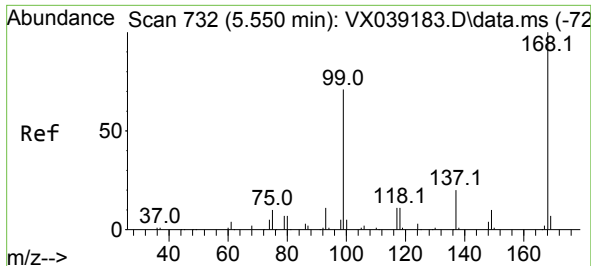
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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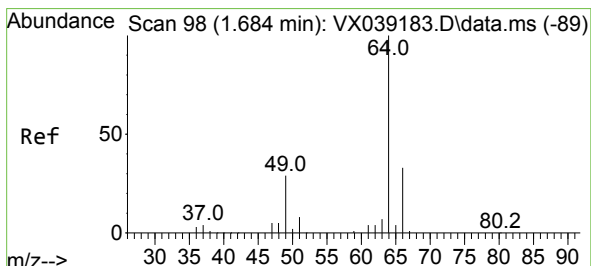
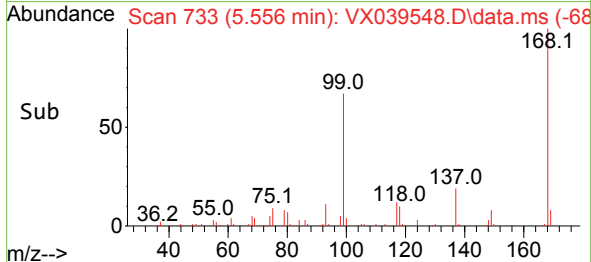
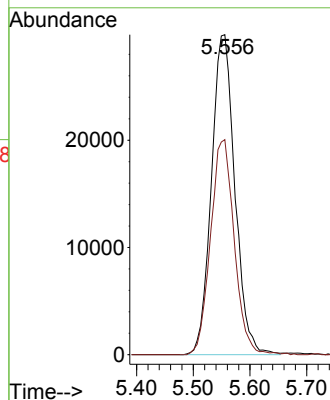
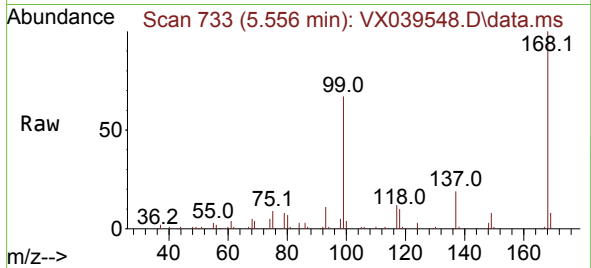




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039548.D
Acq: 29 Dec 2023 16:17

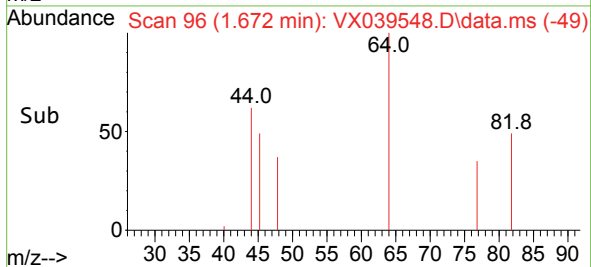
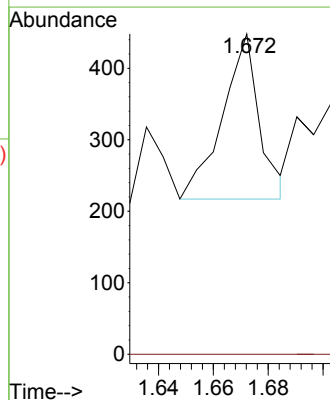
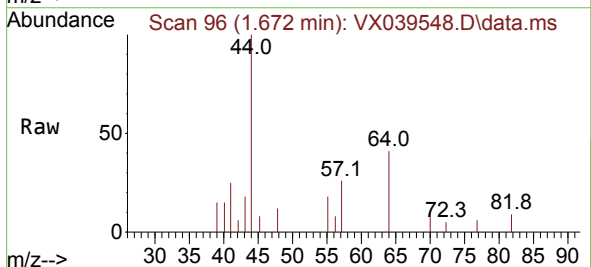
Instrument :
MSVOA_X
ClientSampleId :
IBLK

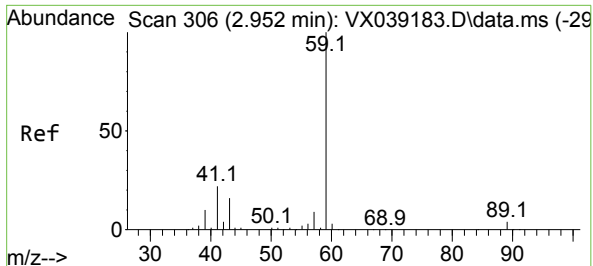
Tgt Ion:168 Resp: 85686
Ion Ratio Lower Upper
168 100
99 67.2 56.6 85.0



#6
Chloroethane
Concen: 0.290 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.012 min
Lab File: VX039548.D
Acq: 29 Dec 2023 16:17

Tgt Ion: 64 Resp: 217
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 7.238 ug/l

RT: 2.946 min Scan# 306

Delta R.T. -0.006 min

Lab File: VX039548.D

Acq: 29 Dec 2023 16:17

Instrument :

MSVOA_X

ClientSampleId :

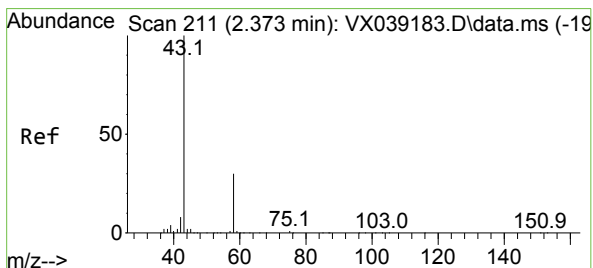
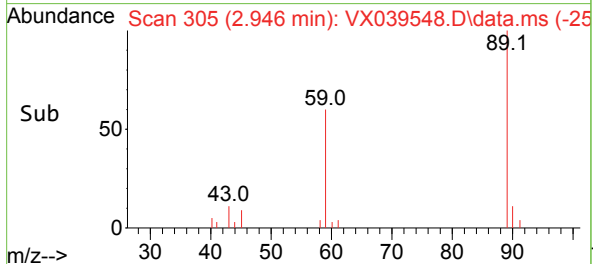
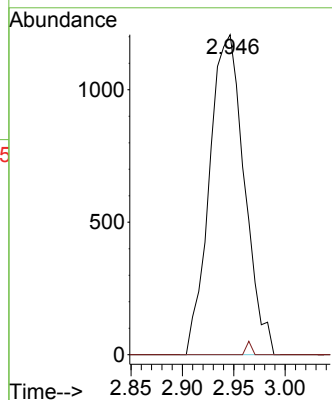
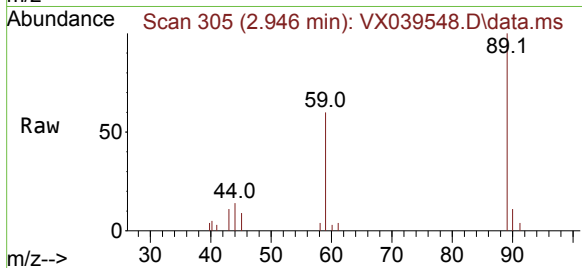
IBLK

Tgt Ion: 59 Resp: 2853

Ion Ratio Lower Upper

59 100

57 0.7 6.0 9.0#



#16

Acetone

Concen: Below Cal

RT: 2.385 min Scan# 213

Delta R.T. 0.012 min

Lab File: VX039548.D

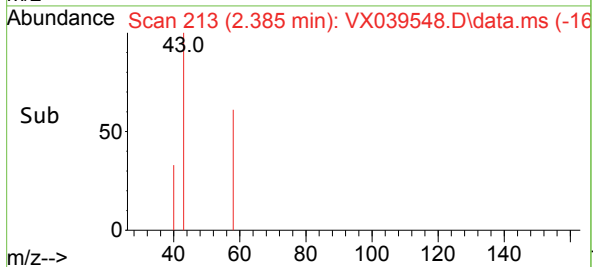
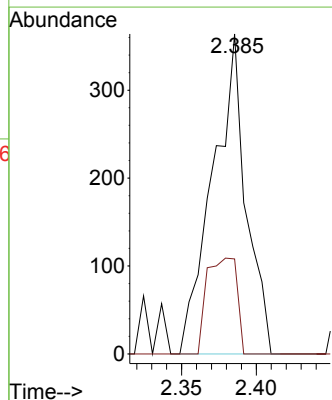
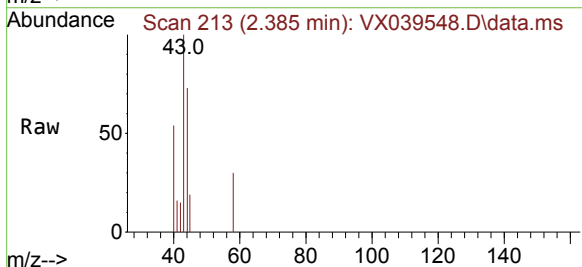
Acq: 29 Dec 2023 16:17

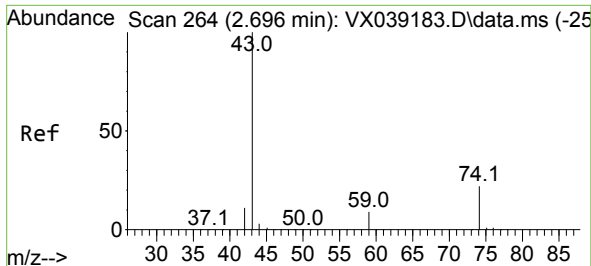
Tgt Ion: 43 Resp: 563

Ion Ratio Lower Upper

43 100

58 29.7 21.9 32.9





#18

Methyl Acetate

Concen: 0.299 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.012 min

Lab File: VX039548.D

Acq: 29 Dec 2023 16:17

Instrument :

MSVOA_X

ClientSampleId :

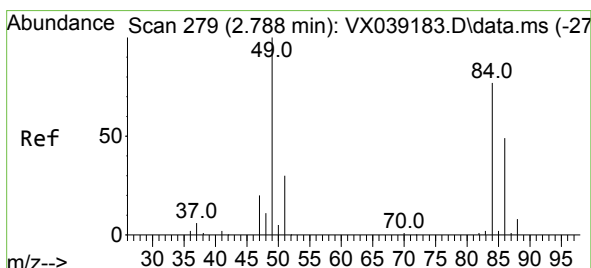
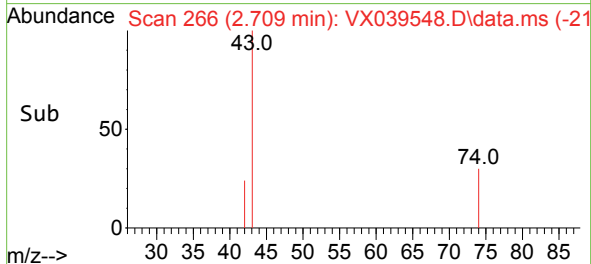
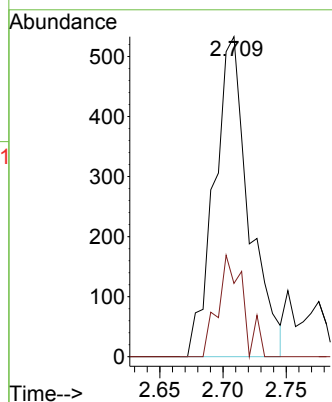
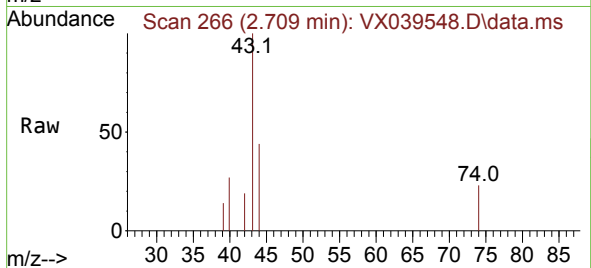
IBLK

Tgt Ion: 43 Resp: 1015

Ion Ratio Lower Upper

43 100

74 23.1 17.8 26.8



#20

Methylene Chloride

Concen: 0.737 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX039548.D

Acq: 29 Dec 2023 16:17

Tgt Ion: 84 Resp: 965

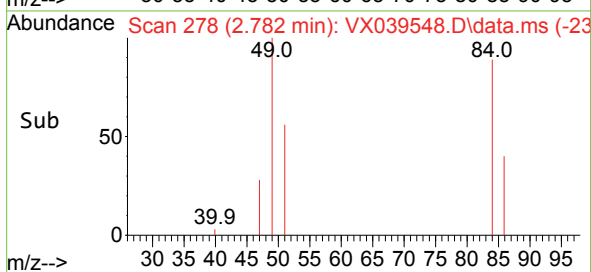
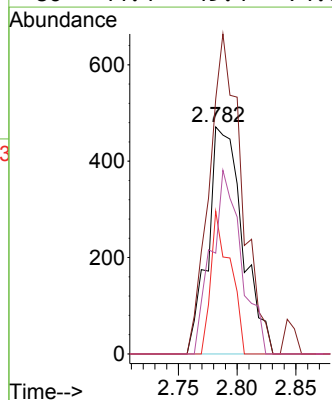
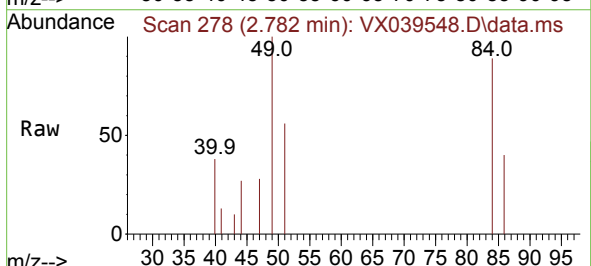
Ion Ratio Lower Upper

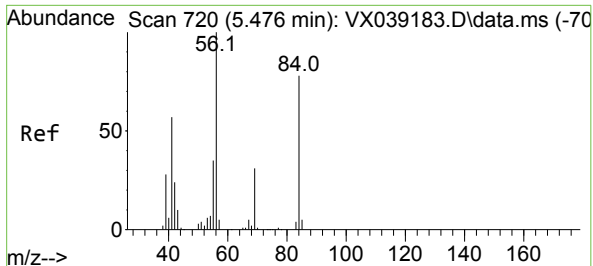
84 100

49 112.3 103.6 155.4

51 62.8 33.8 50.6#

86 44.4 49.4 74.0#

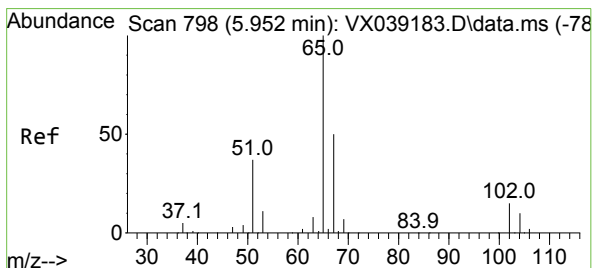
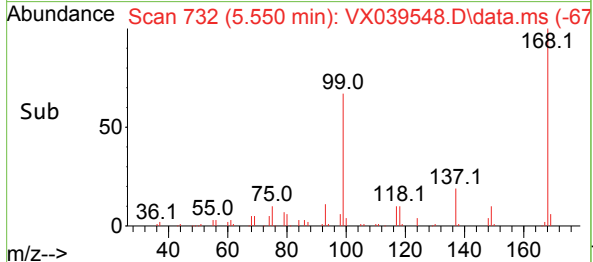
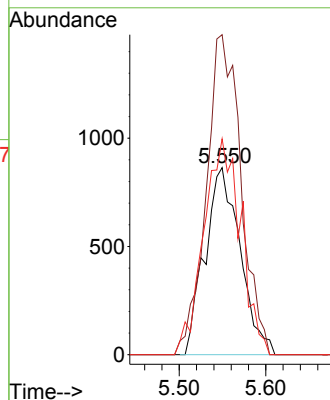
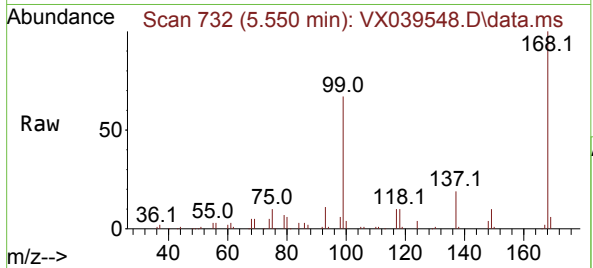




#31
Cyclohexane
Concen: 1.205 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX039548.D
Acq: 29 Dec 2023 16:17

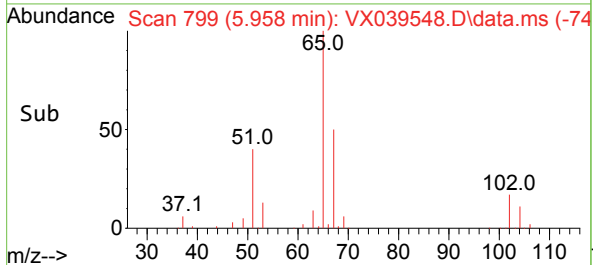
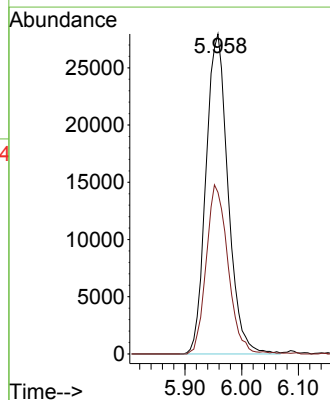
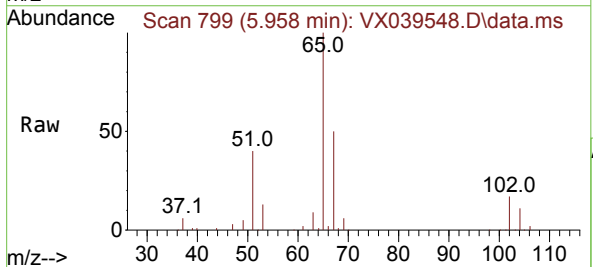
Instrument :
MSVOA_X
ClientSampleId :
IBLK

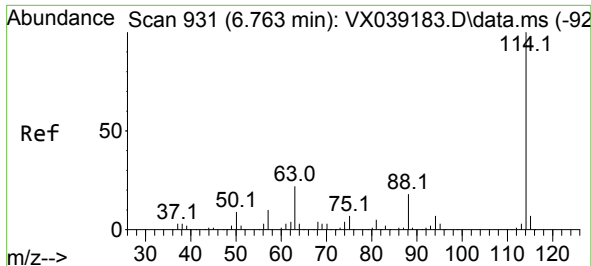
Tgt Ion: 56 Resp: 2443
Ion Ratio Lower Upper
56 100
69 171.1 23.4 35.2#
84 115.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.166 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX039548.D
Acq: 29 Dec 2023 16:17

Tgt Ion: 65 Resp: 75607
Ion Ratio Lower Upper
65 100
67 52.4 0.0 100.2

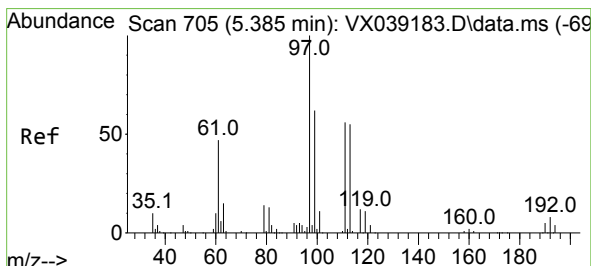
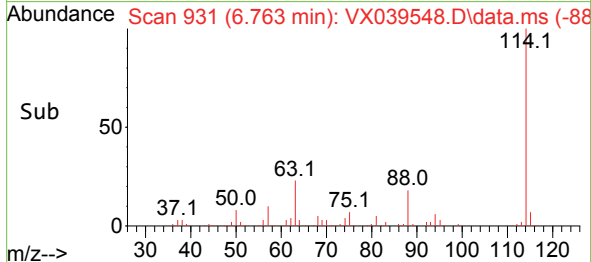
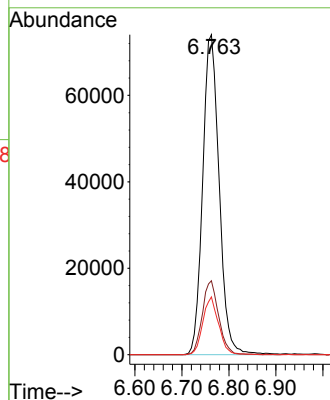
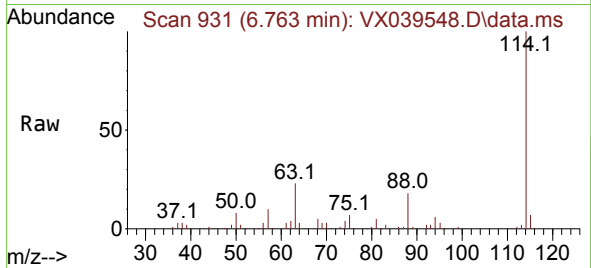




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX039548.D
Acq: 29 Dec 2023 16:17

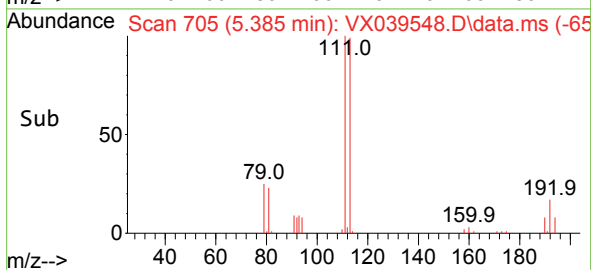
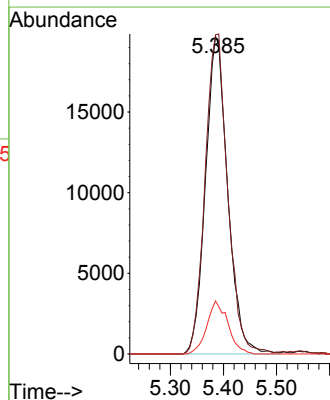
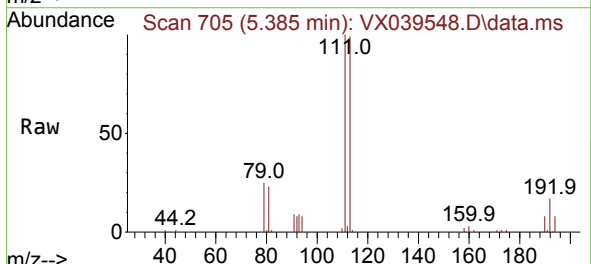
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ClientSampleId :
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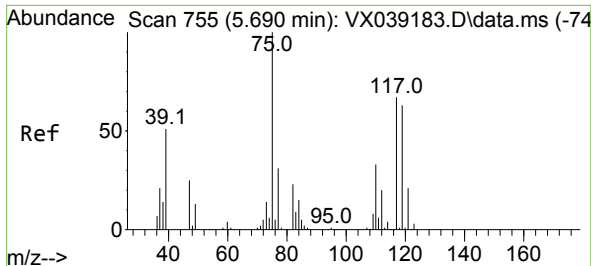
Tgt Ion:114 Resp: 180874
Ion Ratio Lower Upper
114 100
63 23.1 0.0 45.0
88 18.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.882 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039548.D
Acq: 29 Dec 2023 16:17

Tgt Ion:113 Resp: 57333
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 15.9 13.3 19.9

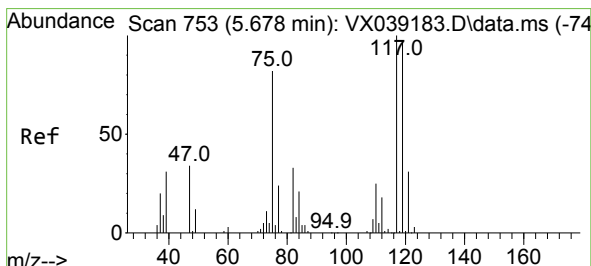
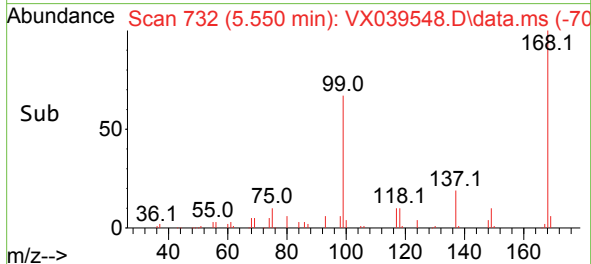
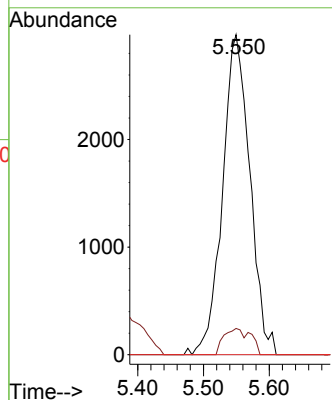
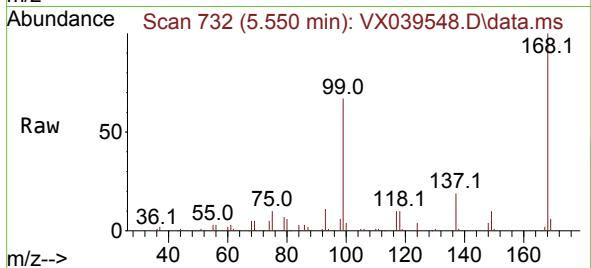




#36
1,1-Dichloropropene
Concen: 4.360 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX039548.D
Acq: 29 Dec 2023 16:17

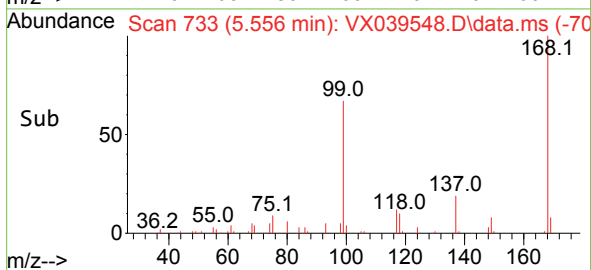
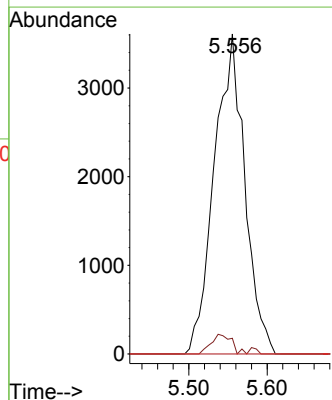
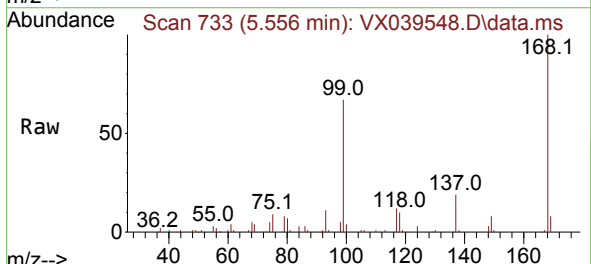
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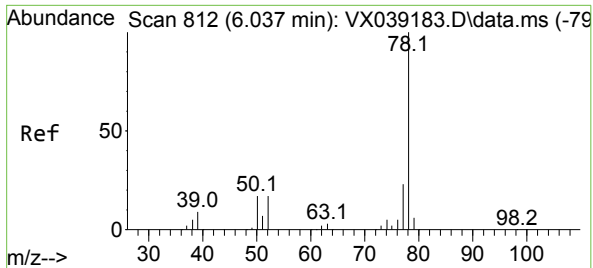
Tgt Ion: 75 Resp: 8597
Ion Ratio Lower Upper
75 100
110 8.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.175 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX039548.D
Acq: 29 Dec 2023 16:17

Tgt Ion: 117 Resp: 9739
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#

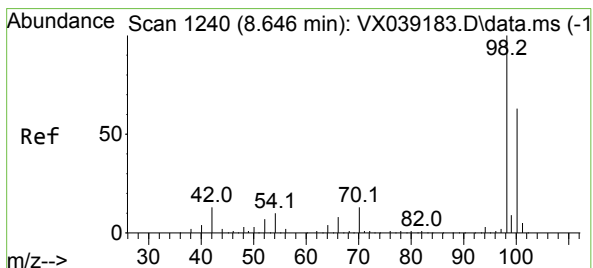
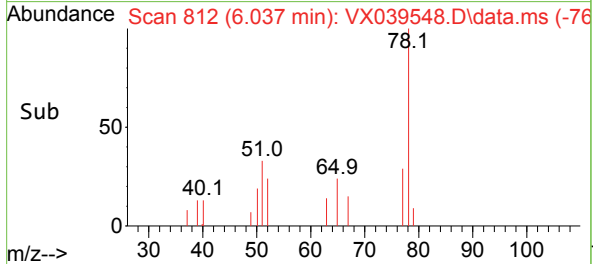
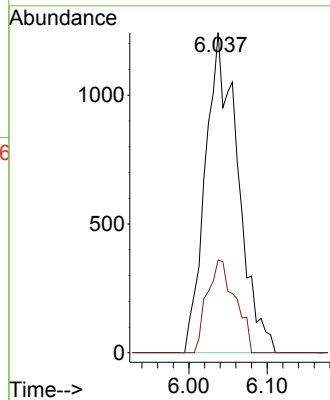
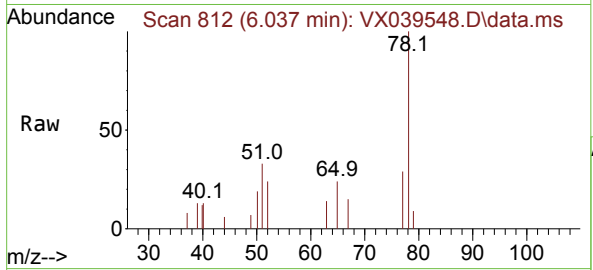




#40
Benzene
Concen: 0.643 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039548.D
Acq: 29 Dec 2023 16:17

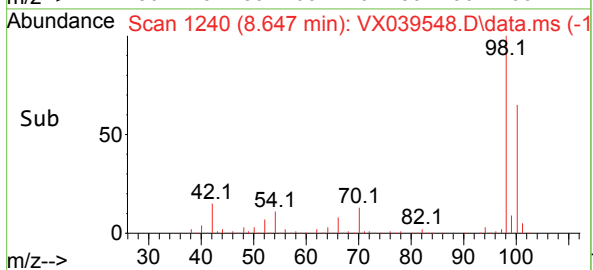
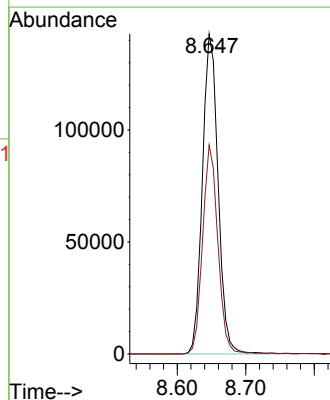
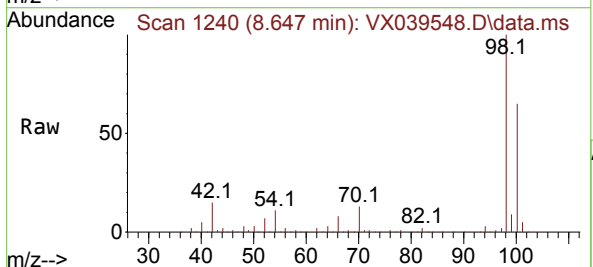
Instrument :
MSVOA_X
ClientSampleId :
IBLK

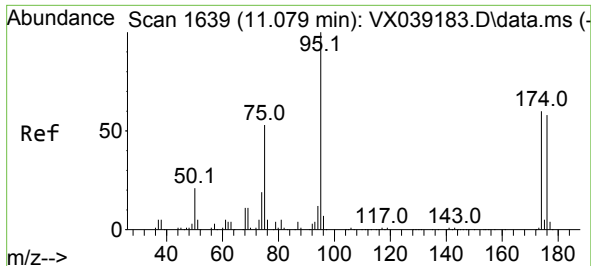
Tgt Ion: 78 Resp: 3586
Ion Ratio Lower Upper
78 100
77 29.0 19.3 28.9#



#50
Toluene-d8
Concen: 49.066 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039548.D
Acq: 29 Dec 2023 16:17

Tgt Ion: 98 Resp: 227620
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7

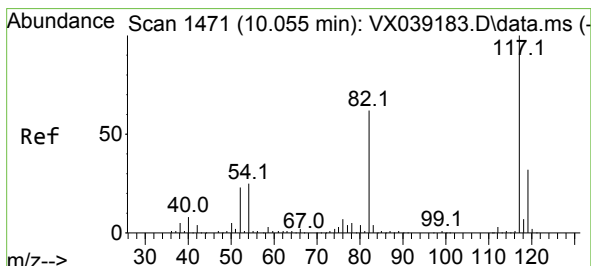
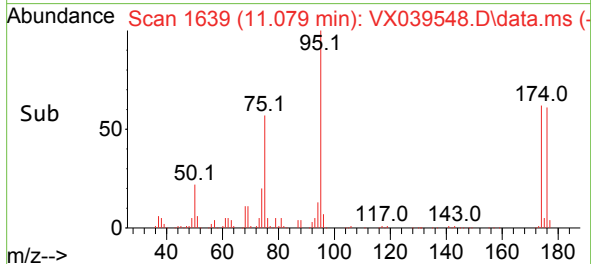
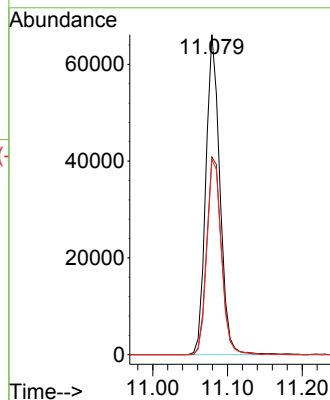
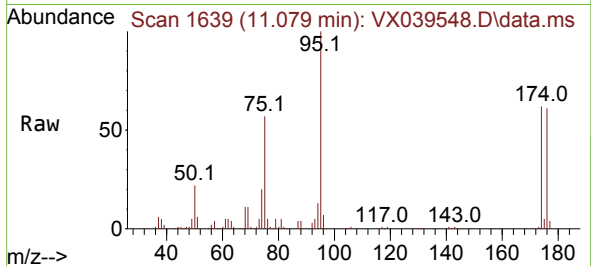




#62
4-Bromofluorobenzene
Concen: 45.081 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039548.D
Acq: 29 Dec 2023 16:17

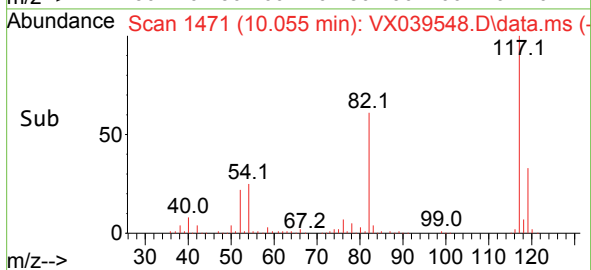
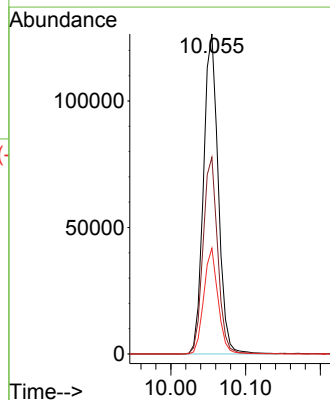
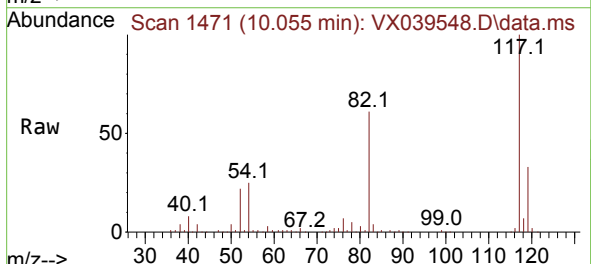
Instrument :
MSVOA_X
ClientSampleId :
IBLK

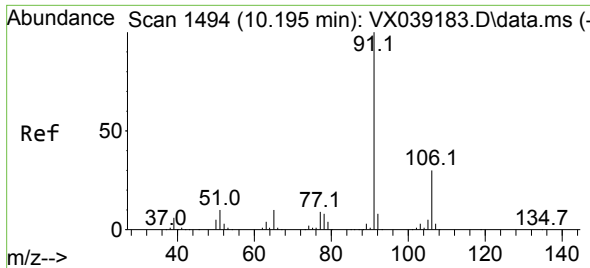
Tgt Ion: 95 Resp: 86288
Ion Ratio Lower Upper
95 100
174 65.2 0.0 135.6
176 62.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039548.D
Acq: 29 Dec 2023 16:17

Tgt Ion: 117 Resp: 173495
Ion Ratio Lower Upper
117 100
82 61.5 46.2 69.4
119 33.1 25.5 38.3

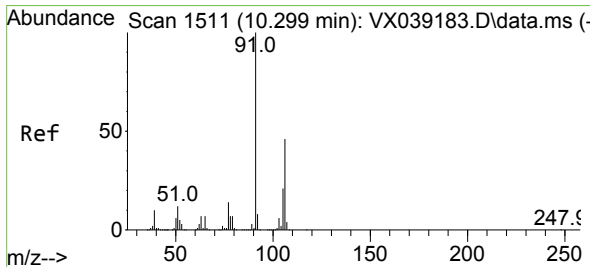
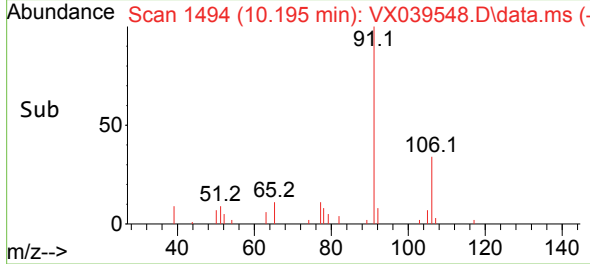
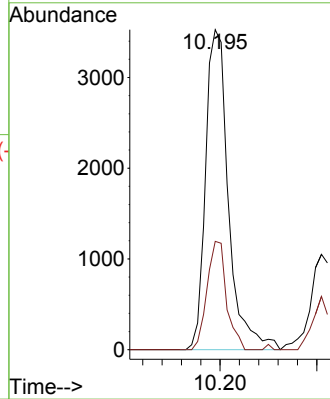
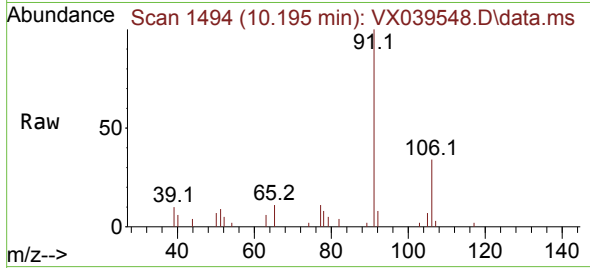




#67
Ethyl Benzene
Concen: 0.822 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039548.D
Acq: 29 Dec 2023 16:17

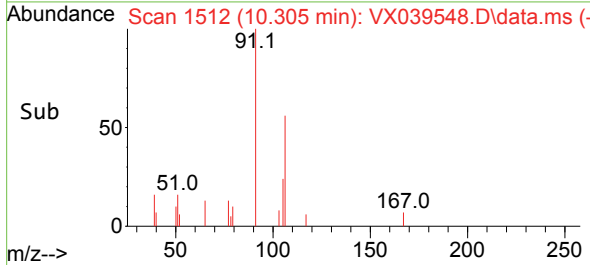
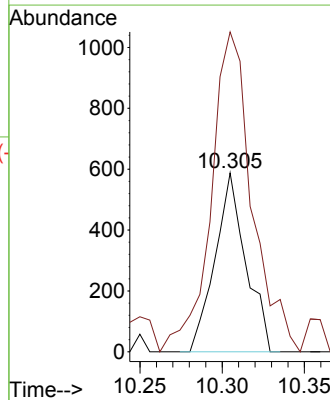
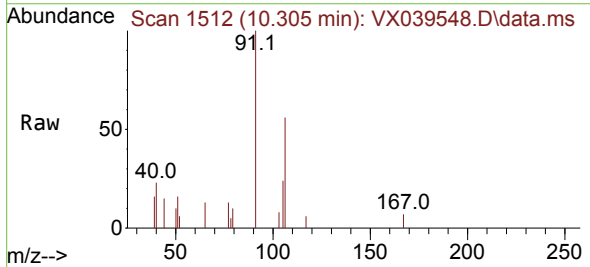
Instrument :
MSVOA_X
ClientSampleId :
IBLK

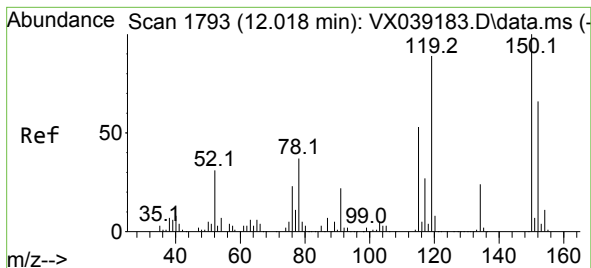
Tgt Ion: 91 Resp: 5797
Ion Ratio Lower Upper
91 100
106 33.8 24.9 37.3



#68
m/p-Xylenes
Concen: 0.303 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX039548.D
Acq: 29 Dec 2023 16:17

Tgt Ion: 106 Resp: 765
Ion Ratio Lower Upper
106 100
91 238.2 165.5 248.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039548.D

Acq: 29 Dec 2023 16:17

Instrument :

MSVOA_X

ClientSampleId :

IBLK

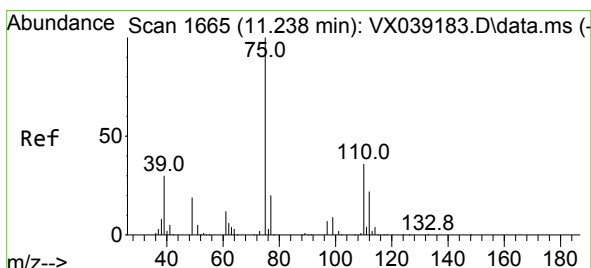
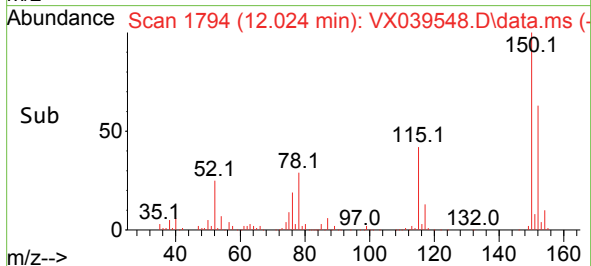
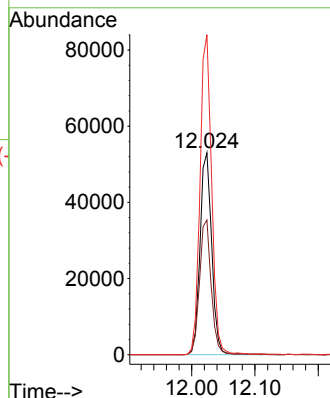
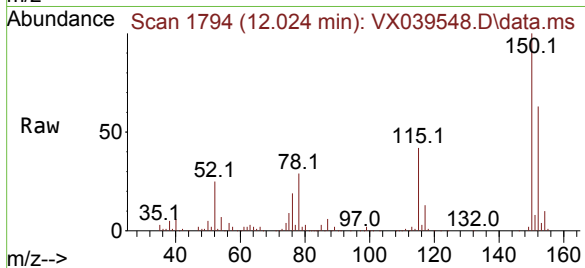
Tgt Ion:152 Resp: 68317

Ion Ratio Lower Upper

152 100

115 66.5 43.3 129.9

150 157.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 27.153 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039548.D

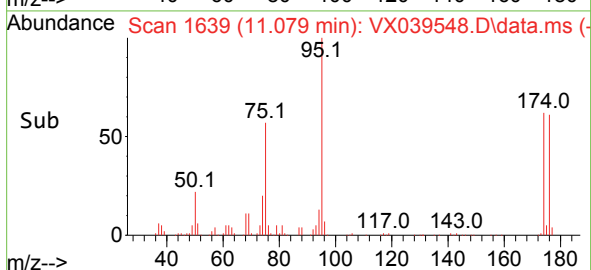
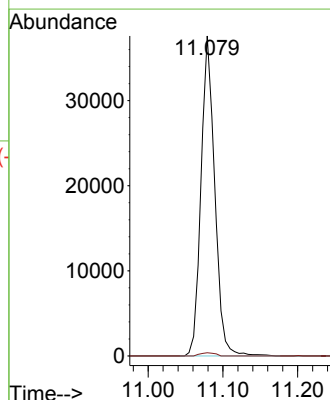
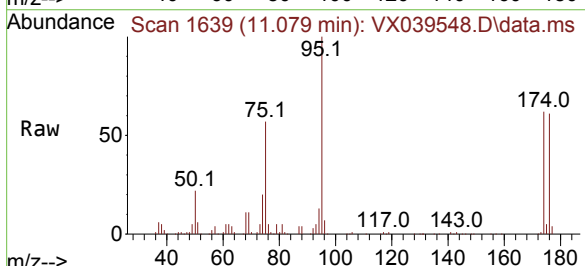
Acq: 29 Dec 2023 16:17

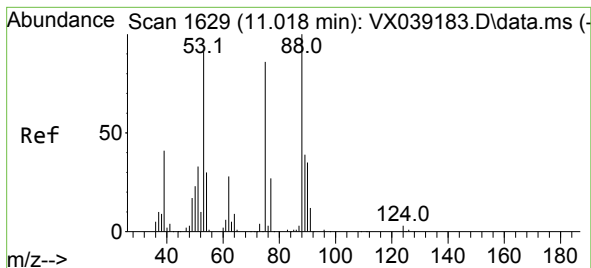
Tgt Ion: 75 Resp: 47993

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

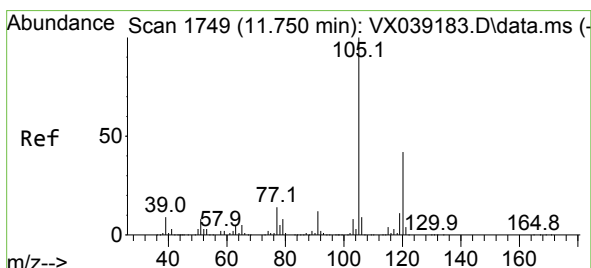
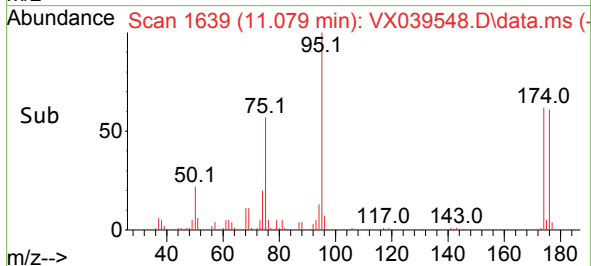
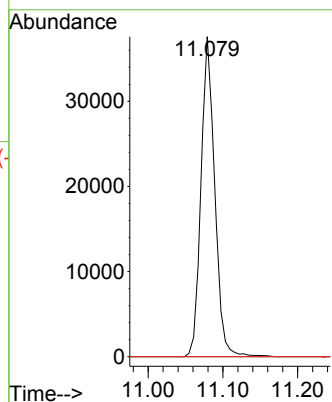
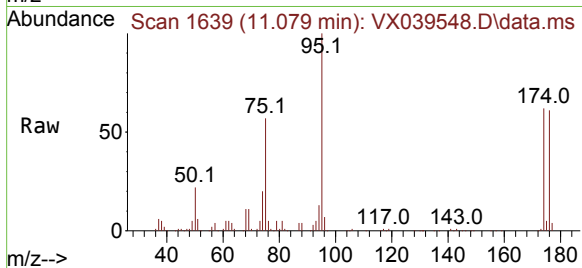




#81
trans-1,4-Dichloro-2-butene
Concen: 76.599 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039548.D
Acq: 29 Dec 2023 16:17

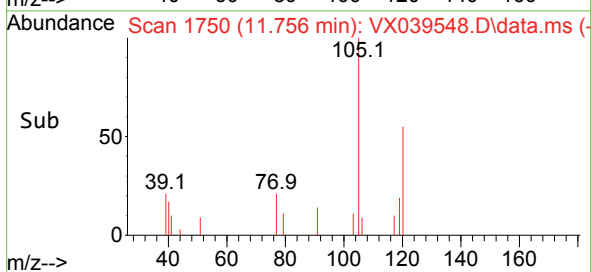
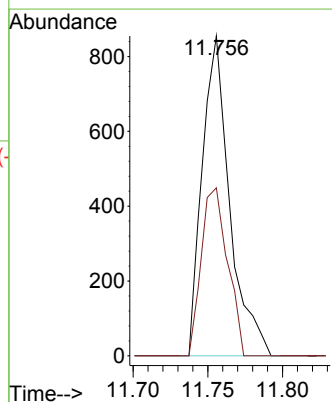
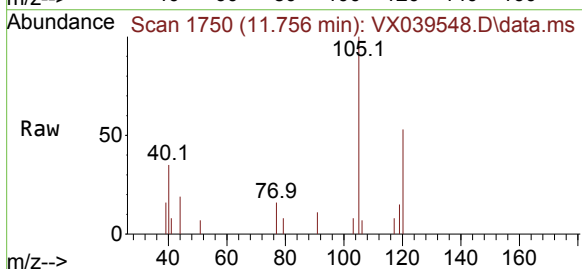
Instrument :
MSVOA_X
ClientSampleId :
IBLK

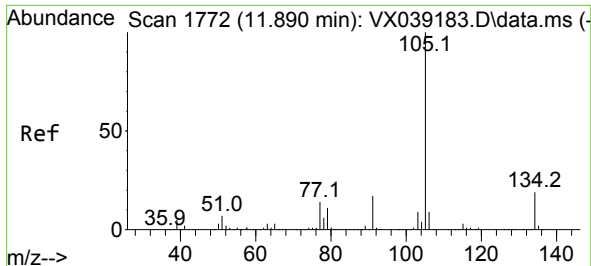
Tgt Ion: 75 Resp: 47993
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.236 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX039548.D
Acq: 29 Dec 2023 16:17

Tgt Ion: 105 Resp: 1089
Ion Ratio Lower Upper
105 100
120 50.3 21.2 63.6

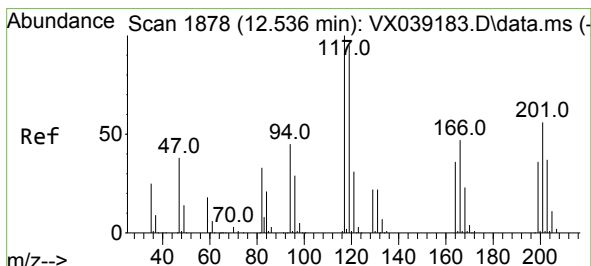
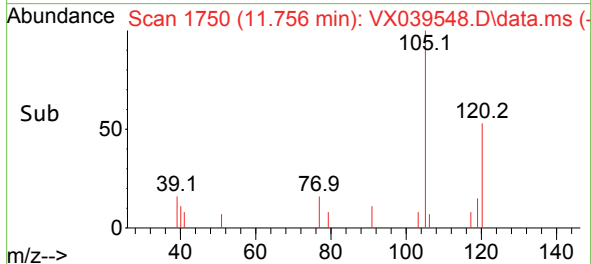
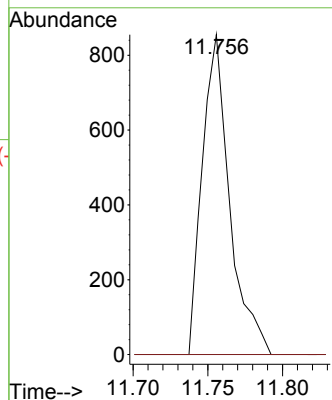
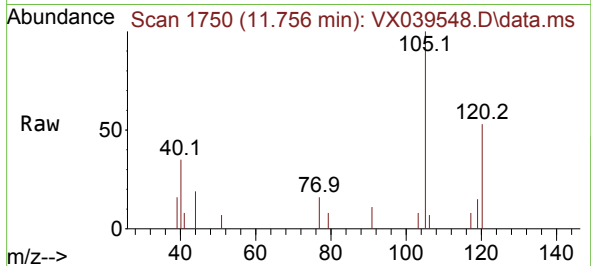




#85
sec-Butylbenzene
Concen: 0.200 ug/l
RT: 11.756 min Scan# 11
Delta R.T. -0.134 min
Lab File: VX039548.D
Acq: 29 Dec 2023 16:17

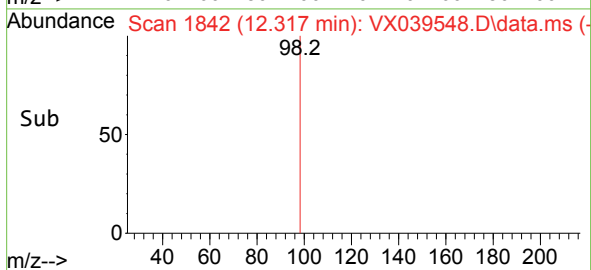
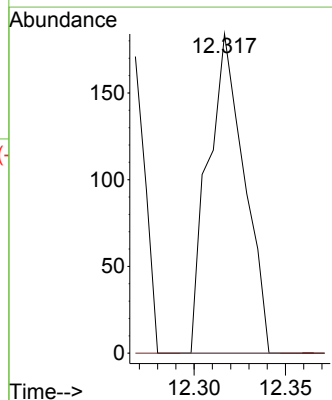
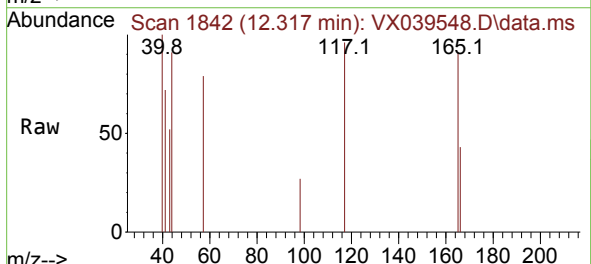
Instrument :
MSVOA_X
ClientSampleId :
IBLK

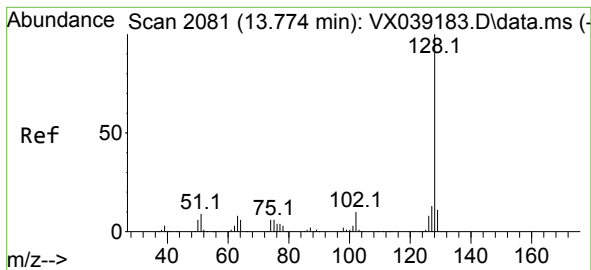
Tgt Ion:105 Resp: 1089
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.4#



#90
Hexachloroethane
Concen: 0.307 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.219 min
Lab File: VX039548.D
Acq: 29 Dec 2023 16:17

Tgt Ion:117 Resp: 253
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.6#





#95

Naphthalene

Concen: 9.760 ug/l

RT: 13.774 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX039548.D

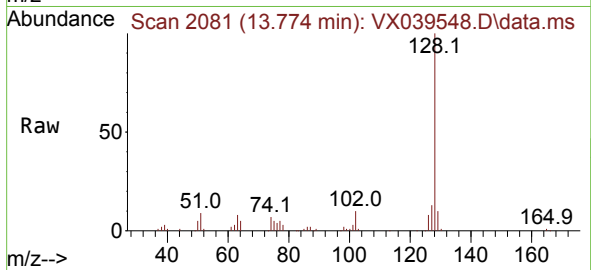
Acq: 29 Dec 2023 16:17

Instrument :

MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:	128	Resp:	48762
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	9.8	8.8	13.2

