

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041323\
 Data File : VX035048.D
 Acq On : 12 Apr 2023 16:12
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 13 02:36:47 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)

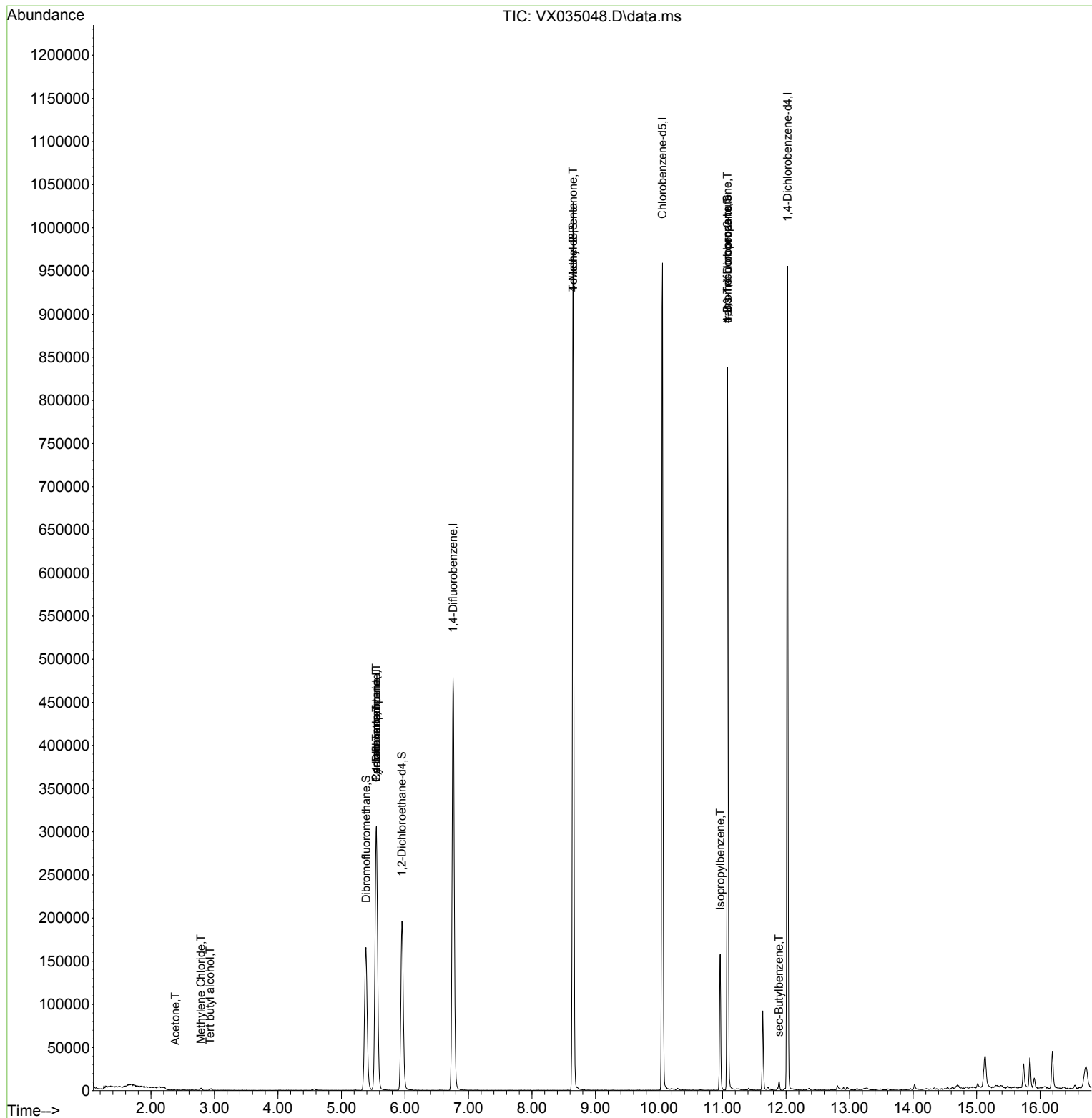
Internal Standards						
1) Pentafluorobenzene	5.550	168	285492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	484687	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	439475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	206404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	190568	43.646	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.300%		
35) Dibromofluoromethane	5.385	113	145614	45.422	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.840%		
50) Toluene-d8	8.647	98	578911	48.924	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.840%		
62) 4-Bromofluorobenzene	11.079	95	221264	48.321	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.640%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.928	59	598	0.781	ug/l #	73
16) Acetone	2.386	43	1038	0.585	ug/l	96
20) Methylene Chloride	2.788	84	1093	0.312	ug/l #	84
31) Cyclohexane	5.550	56	6219	1.170	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	22822	4.805	ug/l #	50
38) Carbon Tetrachloride	5.550	117	30606	6.835	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2765	0.562	ug/l #	1
73) Isopropylbenzene	10.963	105	81439	5.386	ug/l	100
76) 1,2,3-Trichloropropane	11.079	75	113307	27.245	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	113307	81.650	ug/l #	8
85) sec-Butylbenzene	11.890	105	5487	0.380	ug/l	91

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

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Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: Apr 13 02:36:47 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

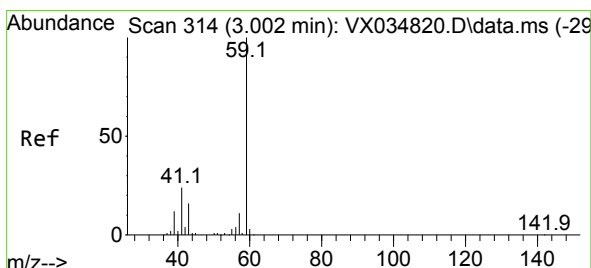
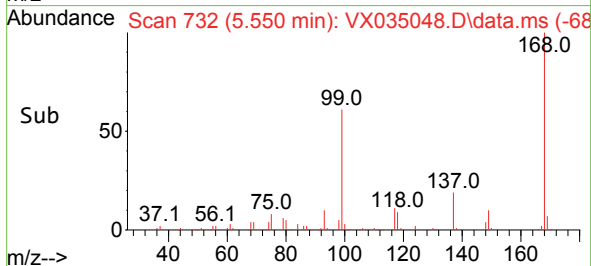
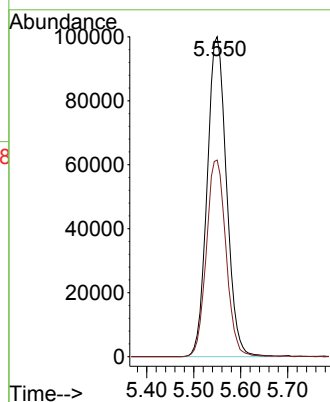
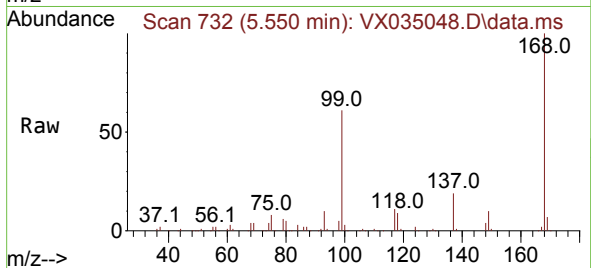




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035048.D
Acq: 12 Apr 2023 16:12

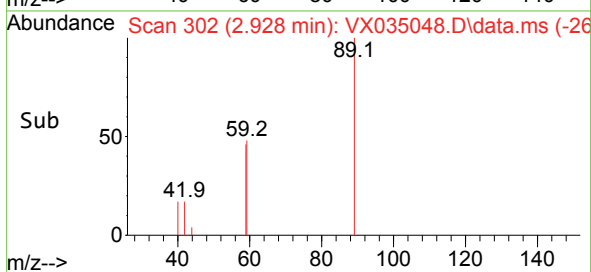
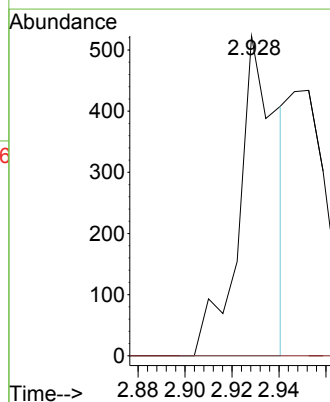
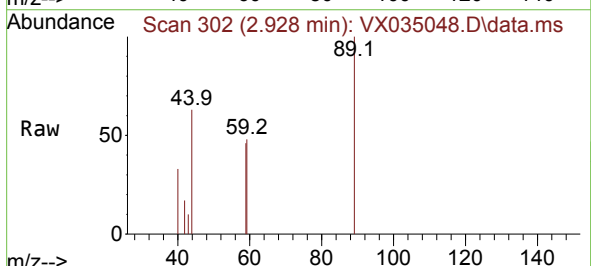
Instrument :
MSVOA_X
ClientSampleId :
IBLK

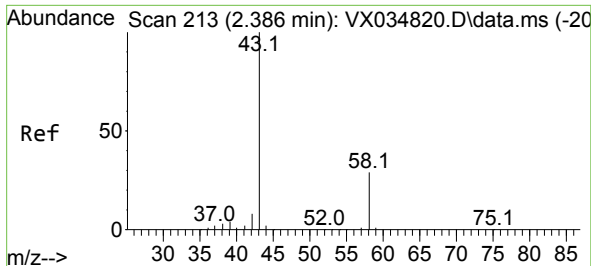
Tgt Ion:168 Resp: 285492
Ion Ratio Lower Upper
168 100
99 61.4 45.7 68.5



#11
Tert butyl alcohol
Concen: 0.781 ug/l
RT: 2.928 min Scan# 302
Delta R.T. -0.073 min
Lab File: VX035048.D
Acq: 12 Apr 2023 16:12

Tgt Ion: 59 Resp: 598
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#16

Acetone

Concen: 0.585 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX035048.D

Acq: 12 Apr 2023 16:12

Instrument :

MSVOA_X

ClientSampleId :

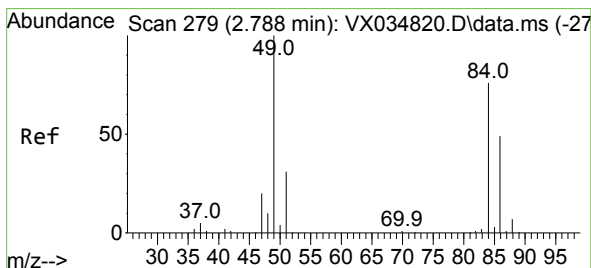
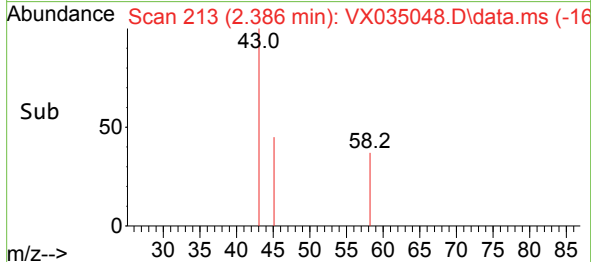
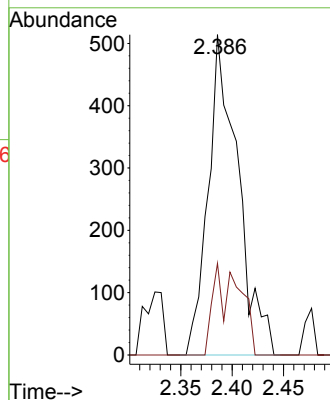
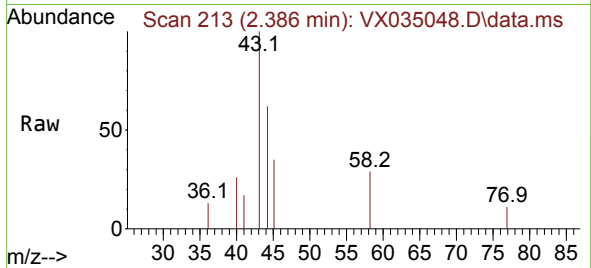
IBLK

Tgt Ion: 43 Resp: 1038

Ion Ratio Lower Upper

43 100

58 28.6 24.7 37.1



#20

Methylene Chloride

Concen: 0.312 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX035048.D

Acq: 12 Apr 2023 16:12

Tgt Ion: 84 Resp: 1093

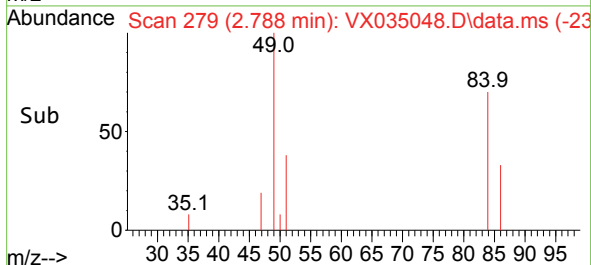
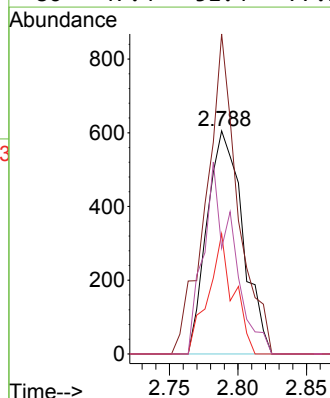
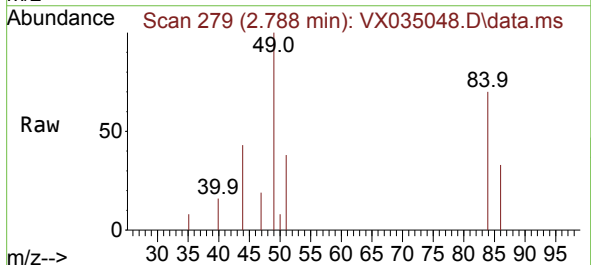
Ion Ratio Lower Upper

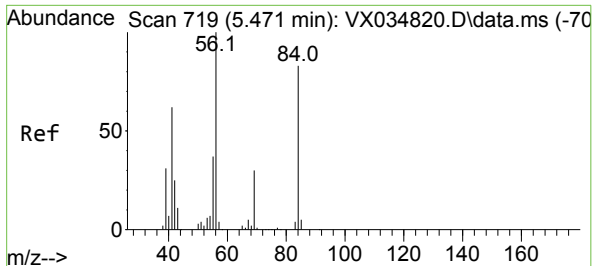
84 100

49 143.5 103.8 155.8

51 53.9 31.8 47.8#

86 47.4 51.4 77.2#

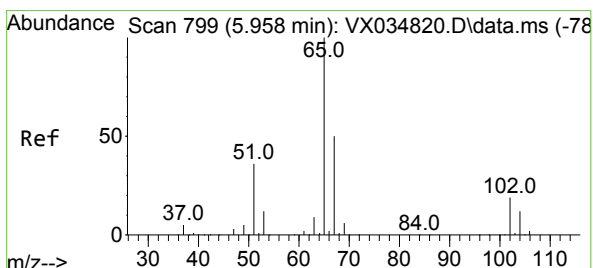
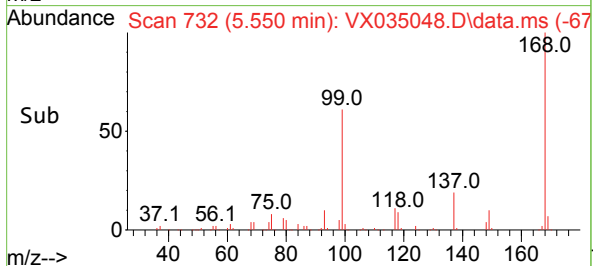
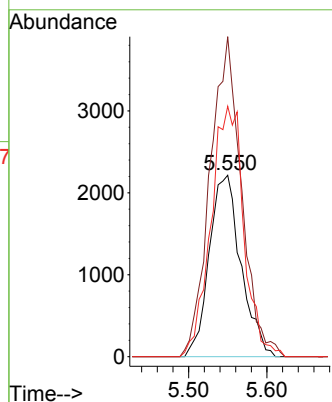
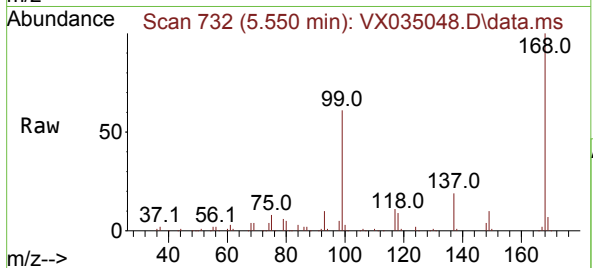




#31
Cyclohexane
Concen: 1.170 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX035048.D
Acq: 12 Apr 2023 16:12

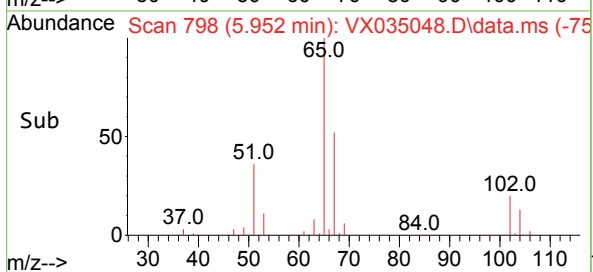
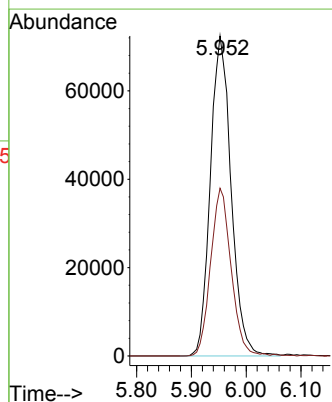
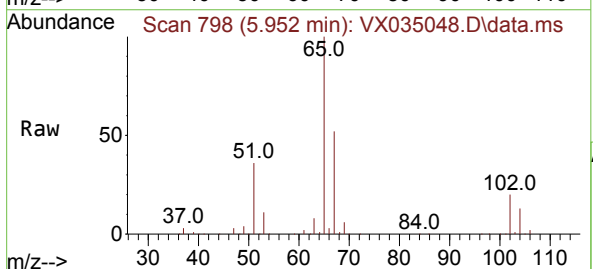
Instrument :
MSVOA_X
ClientSampleId :
IBLK

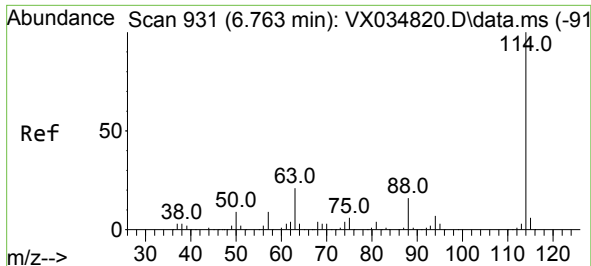
Tgt Ion: 56 Resp: 6219
Ion Ratio Lower Upper
56 100
69 176.3 23.7 35.5#
84 138.0 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 43.646 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035048.D
Acq: 12 Apr 2023 16:12

Tgt Ion: 65 Resp: 190568
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.0

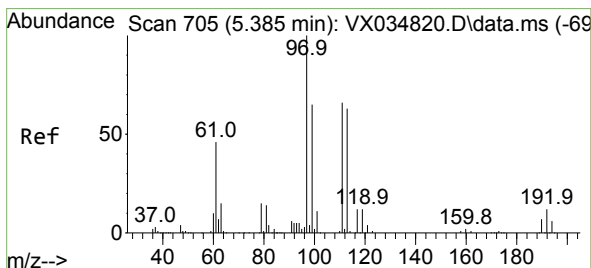
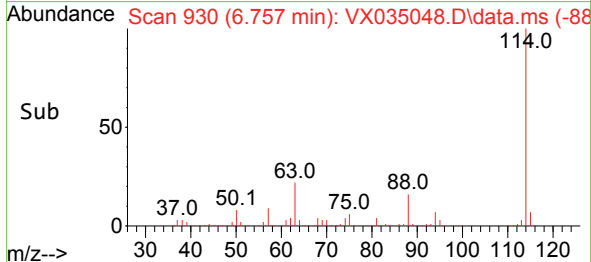
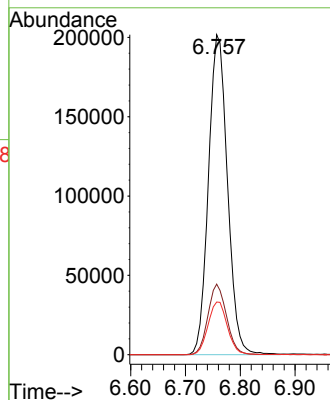
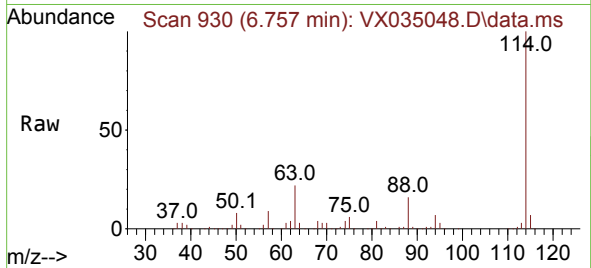




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX035048.D
Acq: 12 Apr 2023 16:12

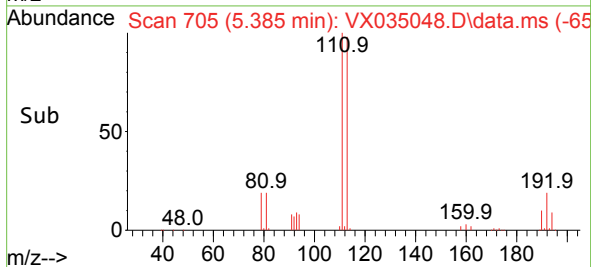
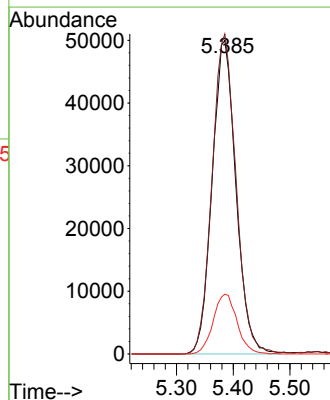
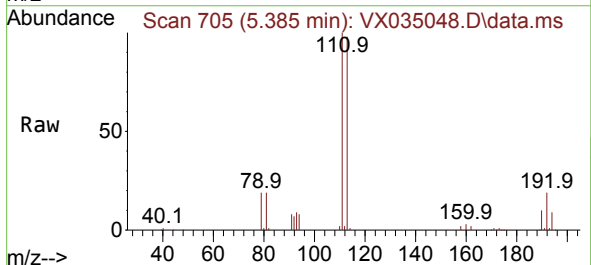
Instrument :
MSVOA_X
ClientSampleId :
IBLK

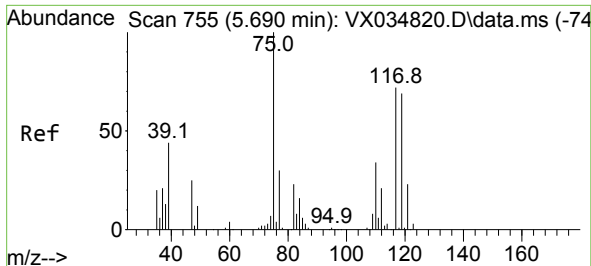
Tgt Ion:114 Resp: 484687
Ion Ratio Lower Upper
114 100
63 22.1 0.0 42.2
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 45.422 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035048.D
Acq: 12 Apr 2023 16:12

Tgt Ion:113 Resp: 145614
Ion Ratio Lower Upper
113 100
111 103.0 83.7 125.5
192 19.1 15.4 23.2

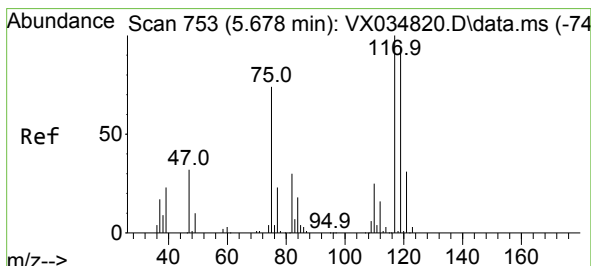
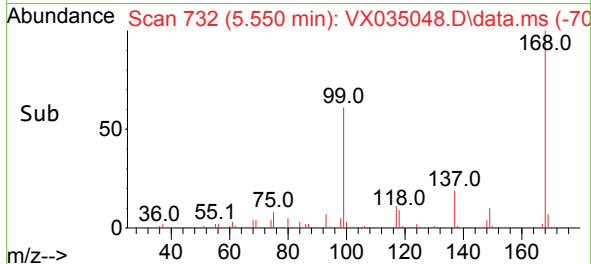
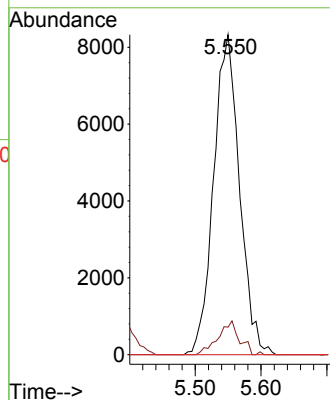
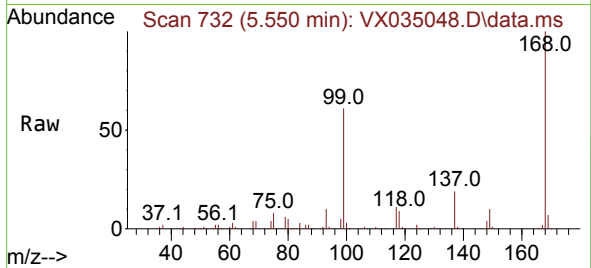




#36
1,1-Dichloropropene
Concen: 4.805 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX035048.D
Acq: 12 Apr 2023 16:12

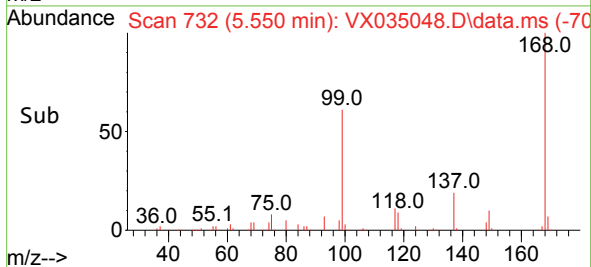
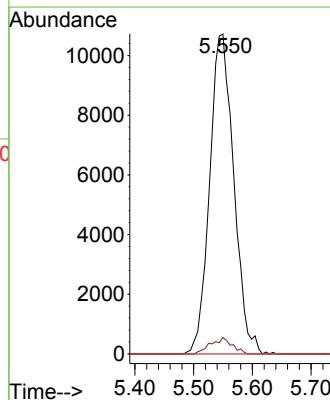
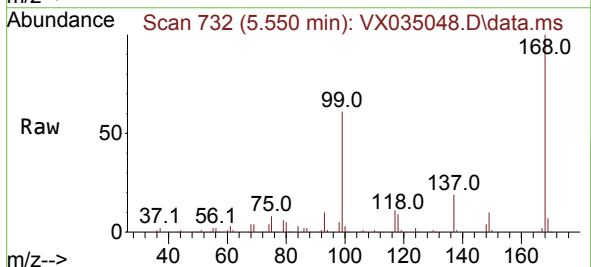
Instrument :
MSVOA_X
ClientSampleId :
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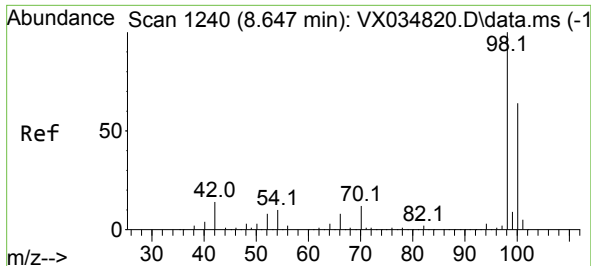
Tgt Ion: 75 Resp: 22822
Ion Ratio Lower Upper
75 100
110 8.6 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.835 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX035048.D
Acq: 12 Apr 2023 16:12

Tgt Ion: 117 Resp: 30606
Ion Ratio Lower Upper
117 100
119 5.1 76.6 114.8#
121 0.0 23.8 35.6#

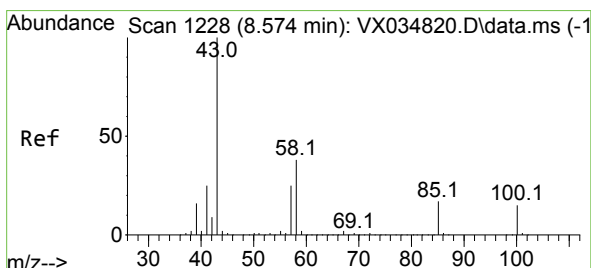
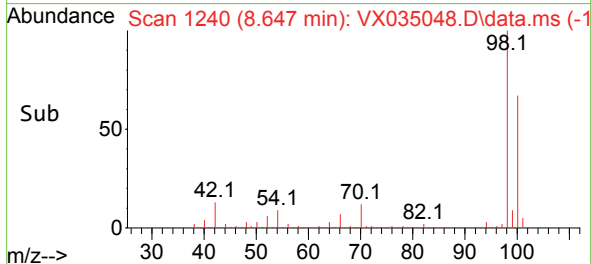
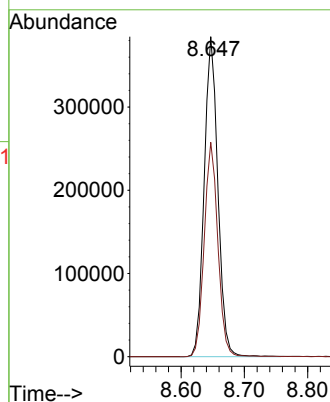
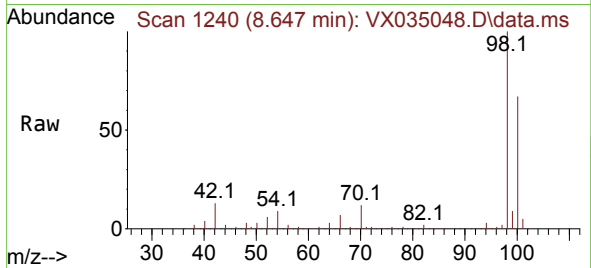




#50
Toluene-d8
Concen: 48.924 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035048.D
Acq: 12 Apr 2023 16:12

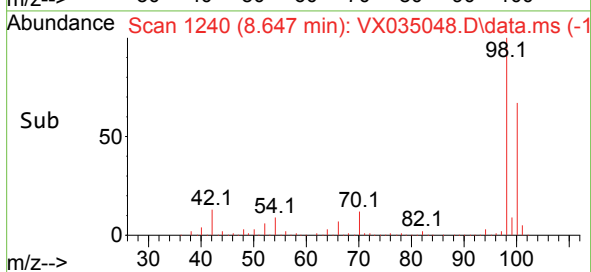
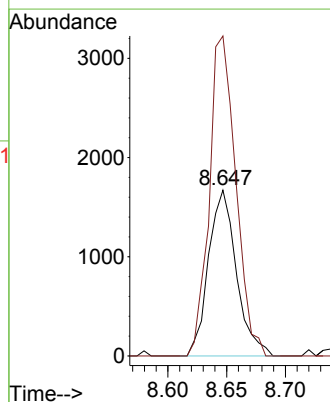
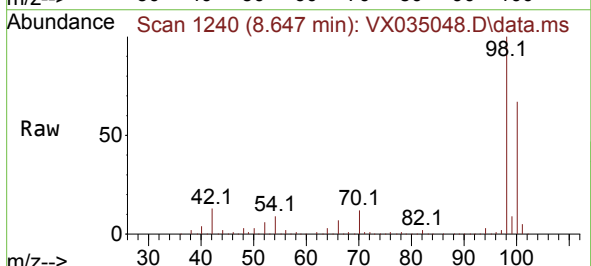
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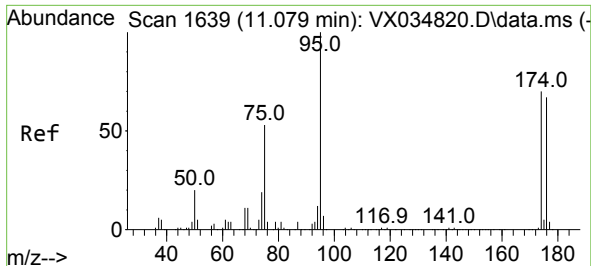
Tgt Ion: 98 Resp: 578911
Ion Ratio Lower Upper
98 100
100 66.6 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.562 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX035048.D
Acq: 12 Apr 2023 16:12

Tgt Ion: 43 Resp: 2765
Ion Ratio Lower Upper
43 100
58 183.2 30.6 46.0#

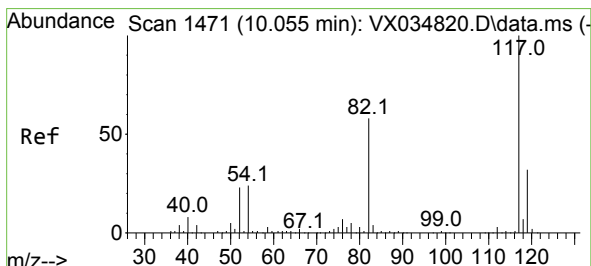
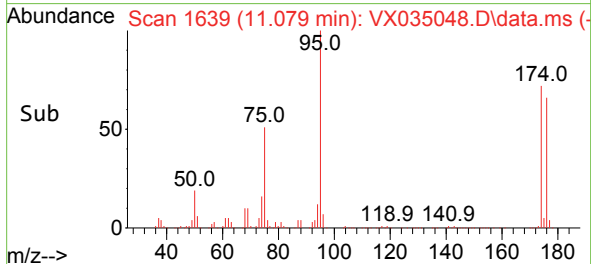
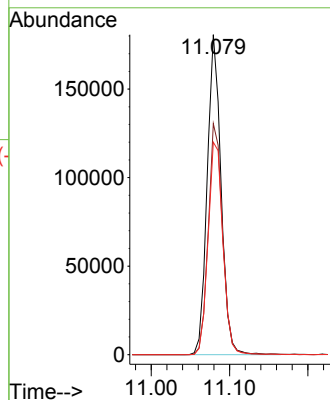
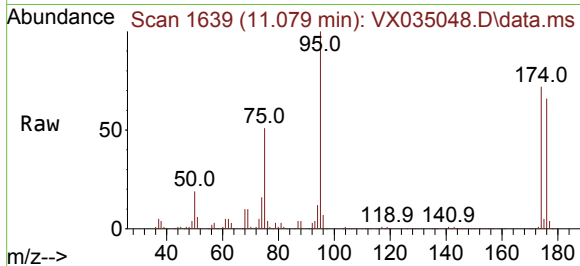




#62
4-Bromofluorobenzene
Concen: 48.321 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX035048.D
Acq: 12 Apr 2023 16:12

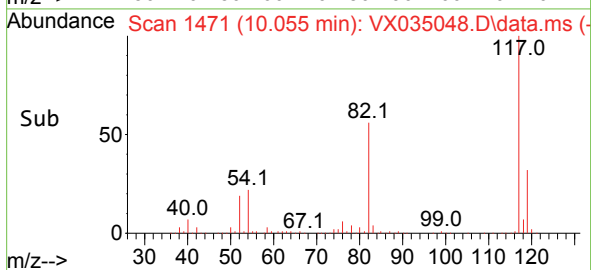
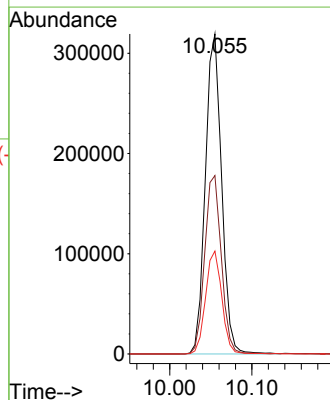
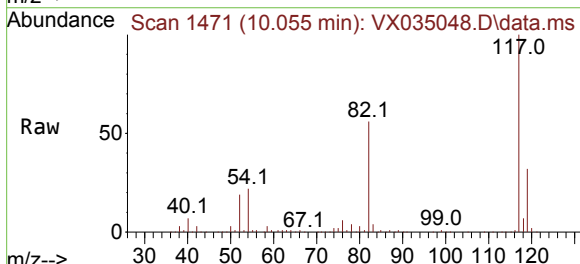
Instrument :
MSVOA_X
ClientSampleId :
IBLK

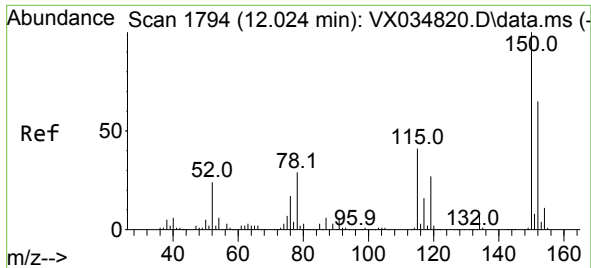
Tgt Ion: 95 Resp: 221264
Ion Ratio Lower Upper
95 100
174 74.3 0.0 147.4
176 71.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035048.D
Acq: 12 Apr 2023 16:12

Tgt Ion: 117 Resp: 439475
Ion Ratio Lower Upper
117 100
82 55.8 45.0 67.4
119 32.1 26.0 39.0

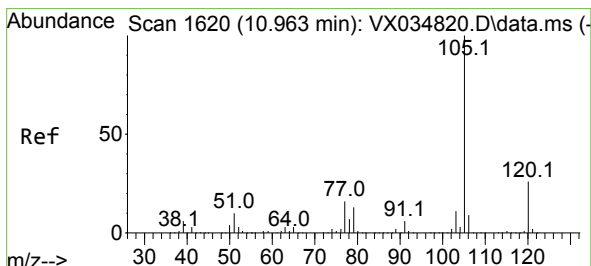
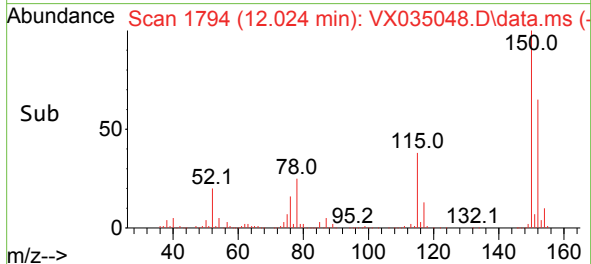
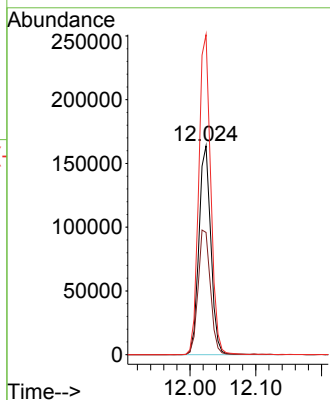
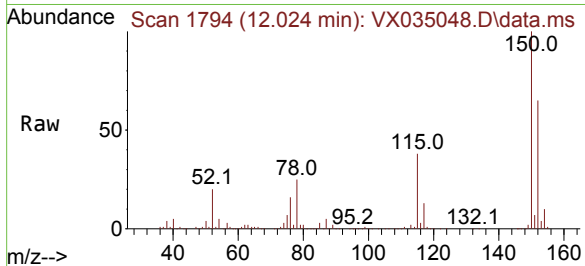




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX035048.D
 Acq: 12 Apr 2023 16:12

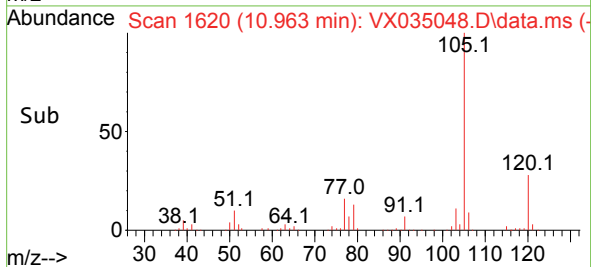
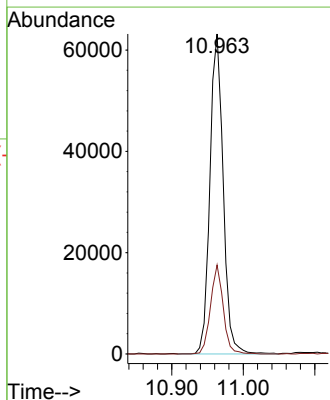
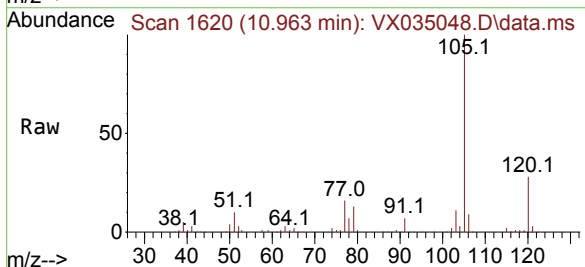
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

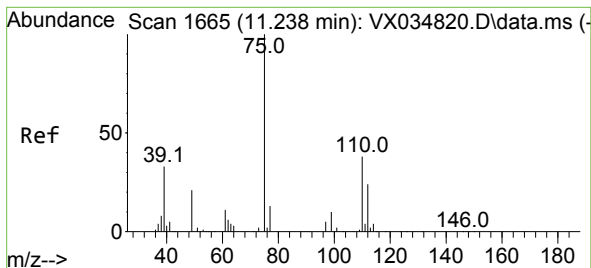
Tgt Ion:152 Resp: 206404
 Ion Ratio Lower Upper
 152 100
 115 61.8 45.0 135.0
 150 154.3 0.0 352.4



#73
 Isopropylbenzene
 Concen: 5.386 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX035048.D
 Acq: 12 Apr 2023 16:12

Tgt Ion:105 Resp: 81439
 Ion Ratio Lower Upper
 105 100
 120 26.5 13.3 39.9





#76

1,2,3-Trichloropropane

Concen: 27.245 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX035048.D

Acq: 12 Apr 2023 16:12

Instrument :

MSVOA_X

ClientSampleId :

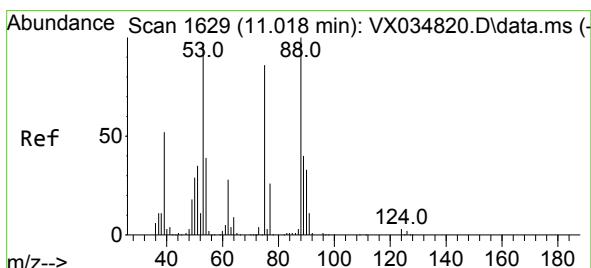
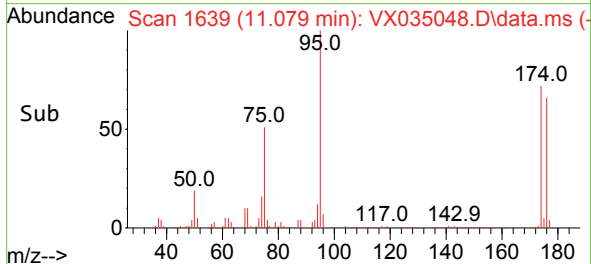
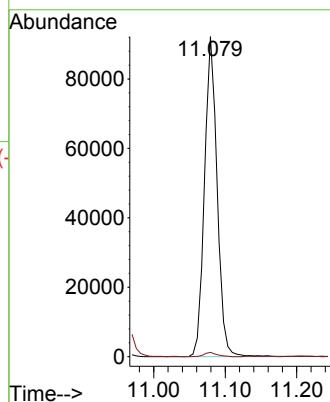
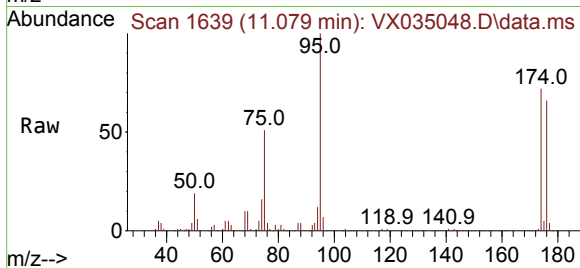
IBLK

Tgt Ion: 75 Resp: 113307

Ion Ratio Lower Upper

75 100

77 1.4 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 81.650 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035048.D

Acq: 12 Apr 2023 16:12

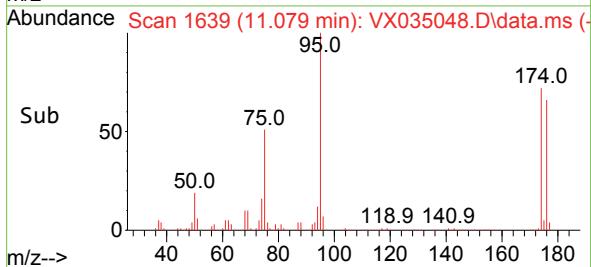
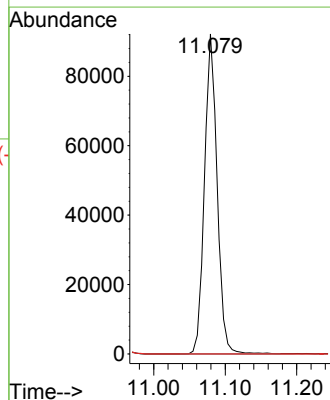
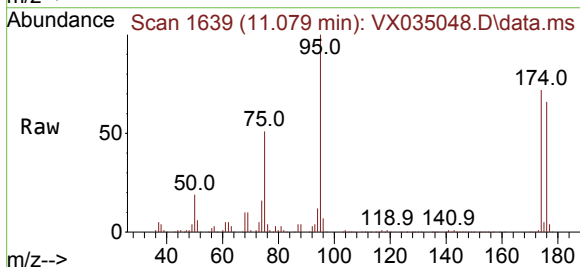
Tgt Ion: 75 Resp: 113307

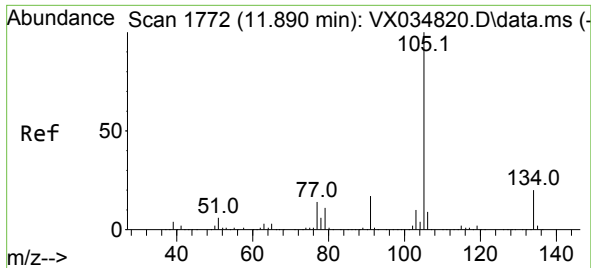
Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

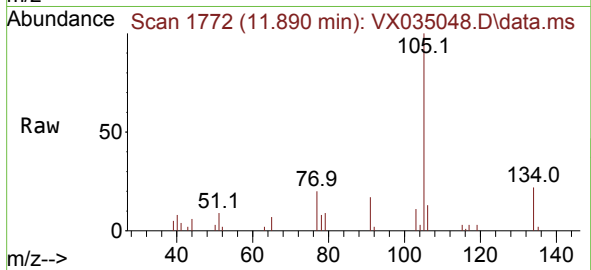
89 0.0 36.9 55.3#





#85
 sec-Butylbenzene
 Concen: 0.380 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035048.D
 Acq: 12 Apr 2023 16:12

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:105 Resp: 5487
 Ion Ratio Lower Upper
 105 100
 134 24.4 10.2 30.4

