

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030223\
 Data File : VX034305.D
 Acq On : 02 Mar 2023 14:04
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 03 00:23:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	265031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	438961	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	394312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180869	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	159558	44.702	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.400%
35) Dibromofluoromethane	5.385	113	137325	48.048	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.100%
50) Toluene-d8	8.647	98	529846	51.635	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.260%
62) 4-Bromofluorobenzene	11.079	95	183183	46.670	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.340%

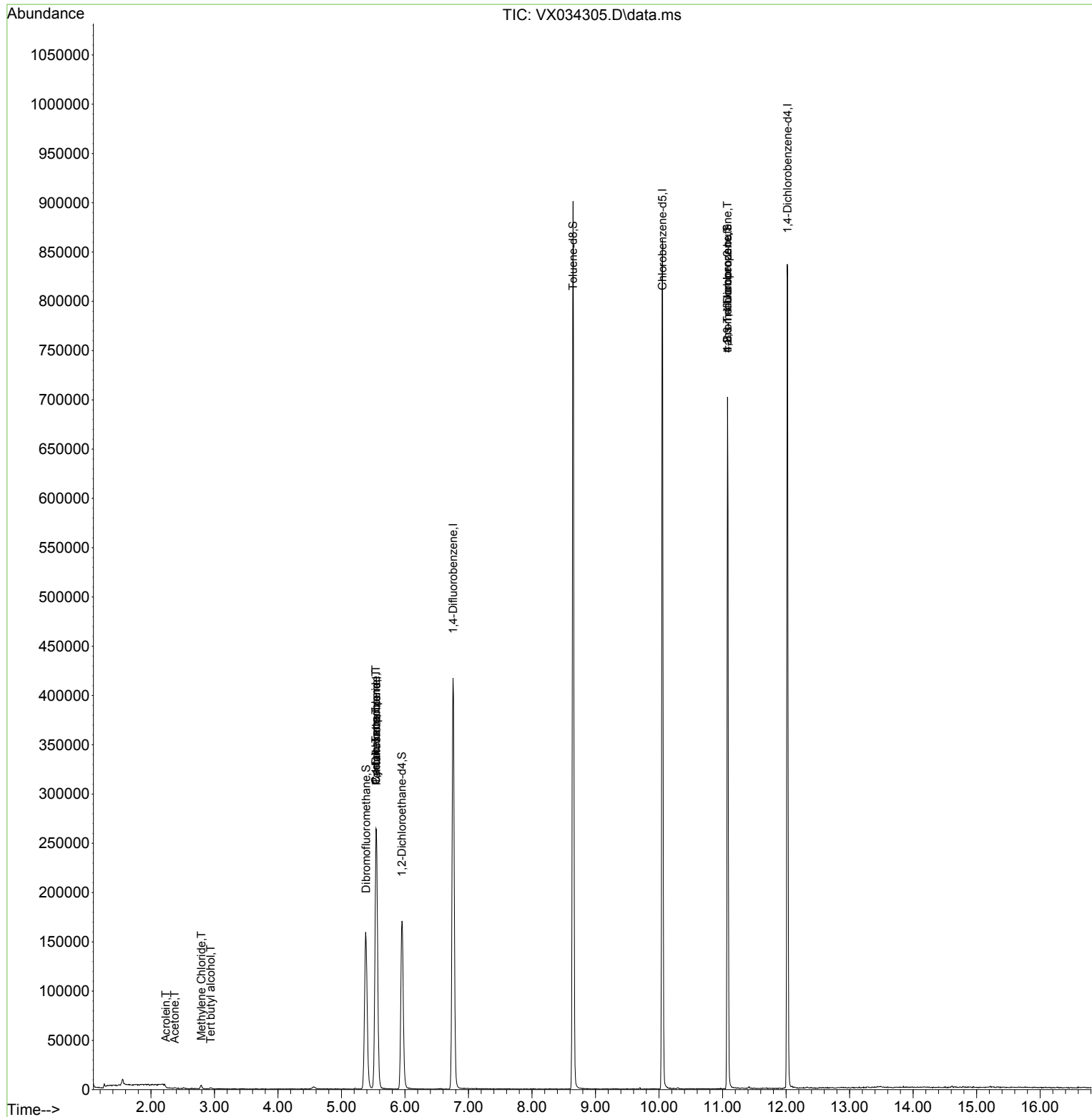
Target Compounds					Qvalue	
5) Bromomethane	1.611	94	100	Below Cal	#	63
11) Tert butyl alcohol	2.940	59	777	0.973	ug/l #	86
13) Acrolein	2.233	56	169	0.464	ug/l #	14
16) Acetone	2.373	43	959	0.521	ug/l #	75
20) Methylene Chloride	2.794	84	1721	0.519	ug/l #	84
31) Cyclohexane	5.544	56	5675	1.065	ug/l #	18
36) 1,1-Dichloropropene	5.544	75	20093	4.754	ug/l #	48
38) Carbon Tetrachloride	5.544	117	25663	5.900	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	92849	20.401	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	92849	52.409	ug/l #	8

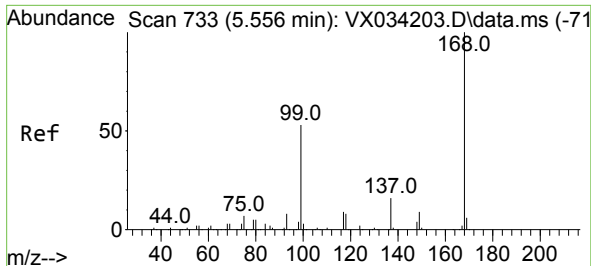
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration

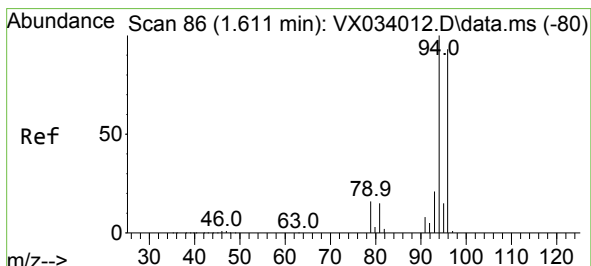
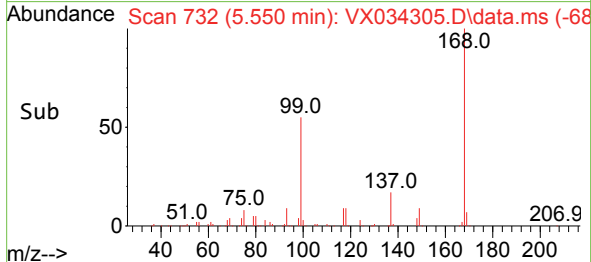
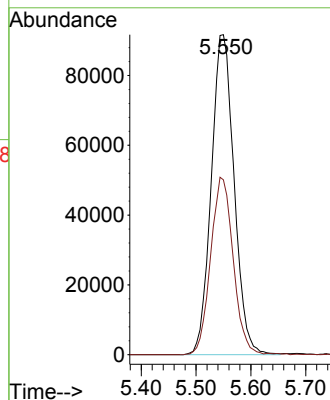
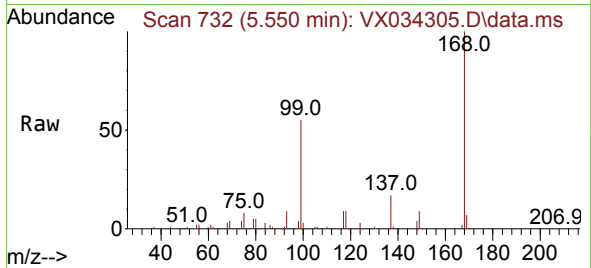




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034305.D
Acq: 02 Mar 2023 14:04

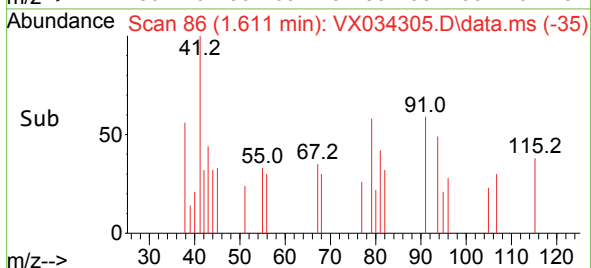
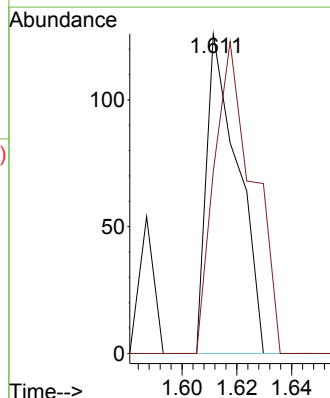
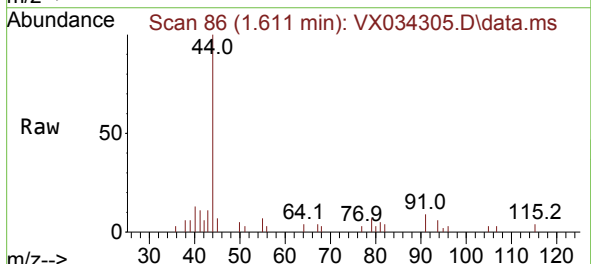
Instrument :
MSVOA_X
ClientSampleId :
IBLK

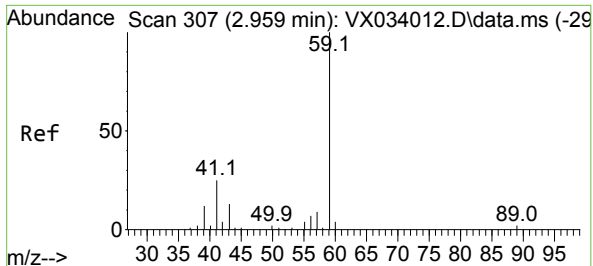
Tgt Ion:168 Resp: 265031
Ion Ratio Lower Upper
168 100
99 54.6 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX034305.D
Acq: 02 Mar 2023 14:04

Tgt Ion: 94 Resp: 100
Ion Ratio Lower Upper
94 100
96 57.1 74.3 111.5#





#11

Tert butyl alcohol

Concen: 0.973 ug/l

RT: 2.940 min Scan# 307

Delta R.T. -0.012 min

Lab File: VX034305.D

Acq: 02 Mar 2023 14:04

Instrument :

MSVOA_X

ClientSampleId :

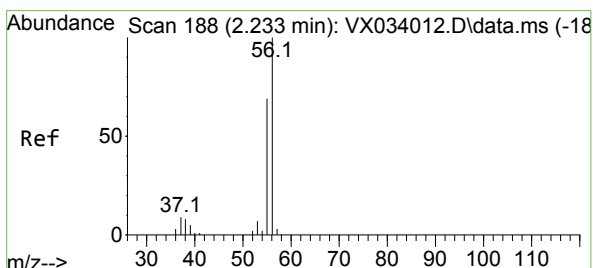
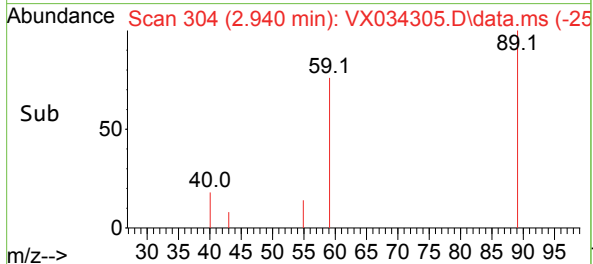
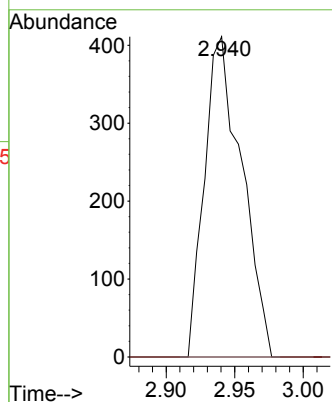
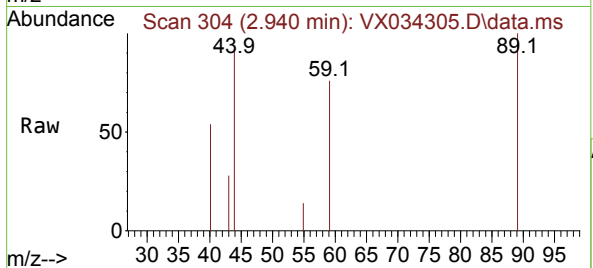
IBLK

Tgt Ion: 59 Resp: 777

Ion Ratio Lower Upper

59 100

57 0.0 3.7 5.5#



#13

Acrolein

Concen: 0.464 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX034305.D

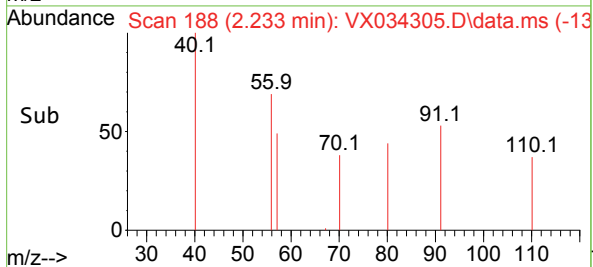
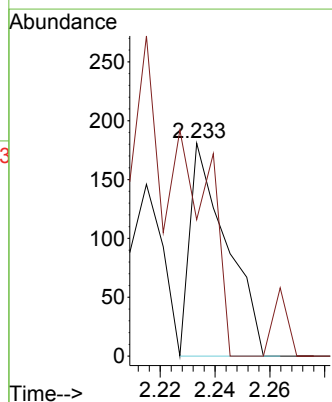
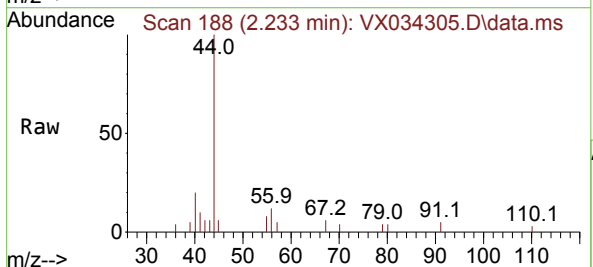
Acq: 02 Mar 2023 14:04

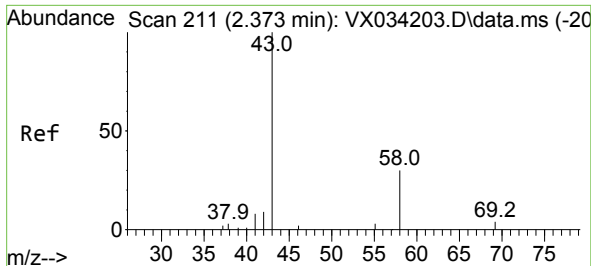
Tgt Ion: 56 Resp: 169

Ion Ratio Lower Upper

56 100

55 0.0 56.3 84.5#





#16

Acetone

Concen: 0.521 ug/l

RT: 2.373 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX034305.D

Acq: 02 Mar 2023 14:04

Instrument :

MSVOA_X

ClientSampleId :

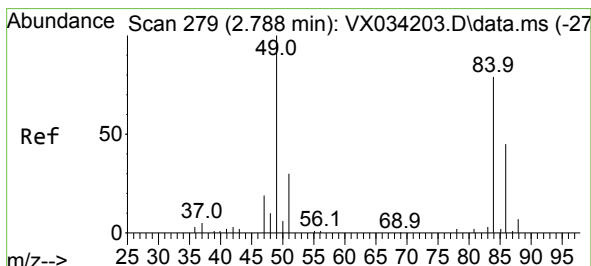
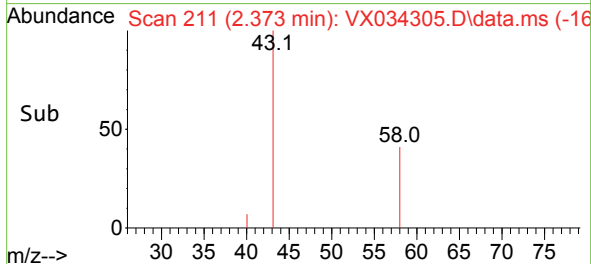
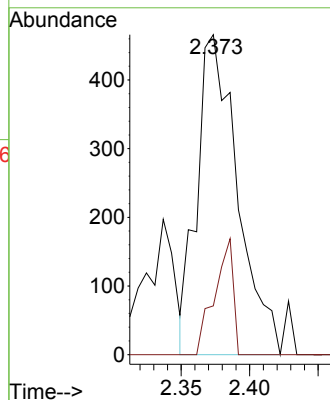
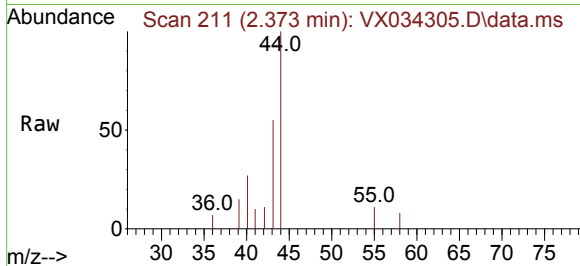
IBLK

Tgt Ion: 43 Resp: 959

Ion Ratio Lower Upper

43 100

58 15.2 22.6 33.8#



#20

Methylene Chloride

Concen: 0.519 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX034305.D

Acq: 02 Mar 2023 14:04

Tgt Ion: 84 Resp: 1721

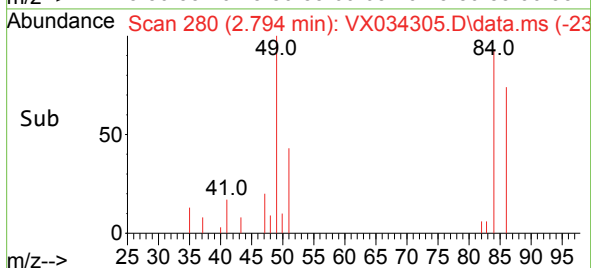
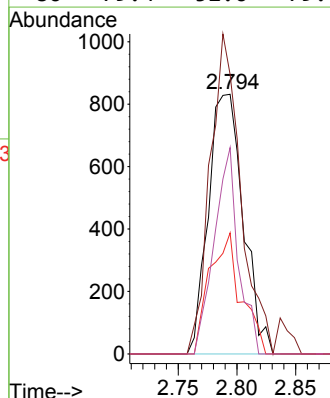
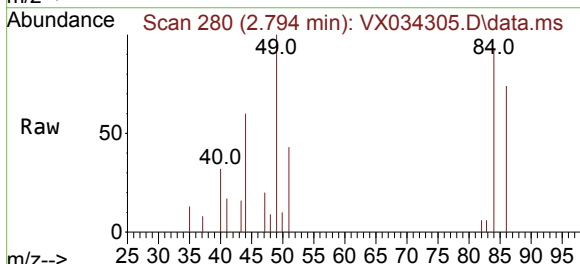
Ion Ratio Lower Upper

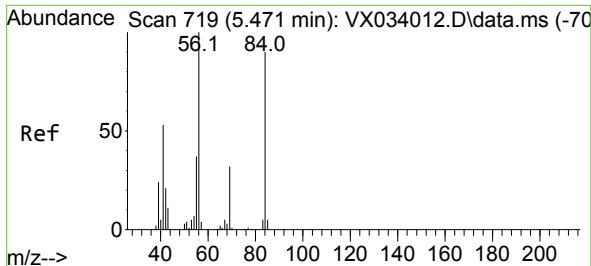
84 100

49 107.6 101.1 151.7

51 46.6 31.0 46.6#

86 79.4 52.6 79.0#

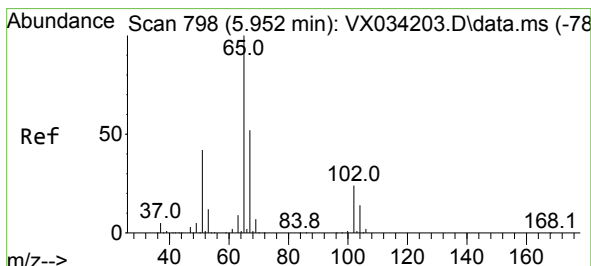
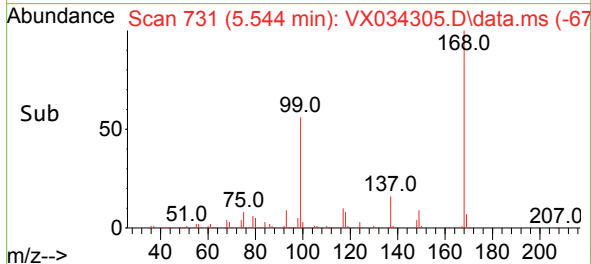
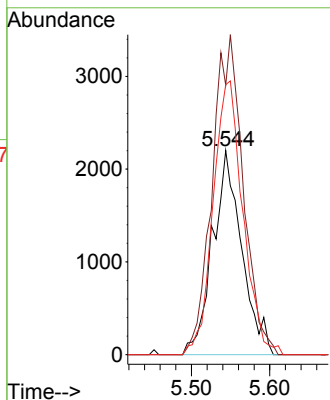
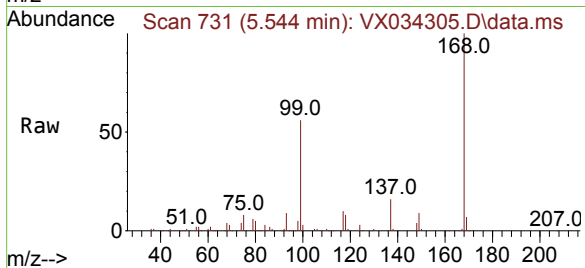




#31
Cyclohexane
Concen: 1.065 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX034305.D
Acq: 02 Mar 2023 14:04

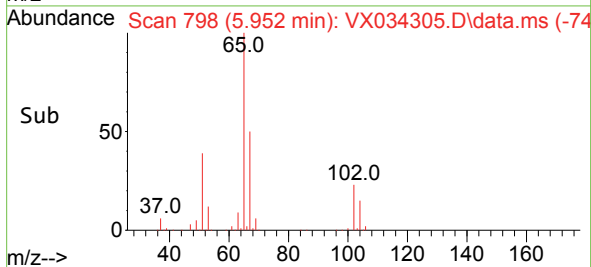
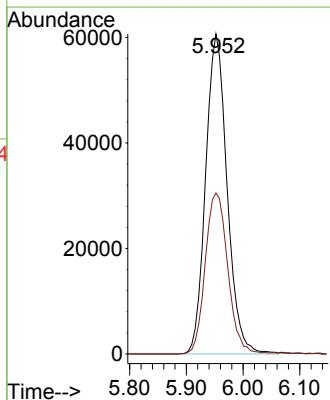
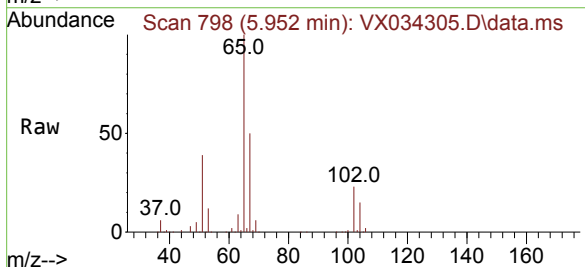
Instrument :
MSVOA_X
ClientSampleId :
IBLK

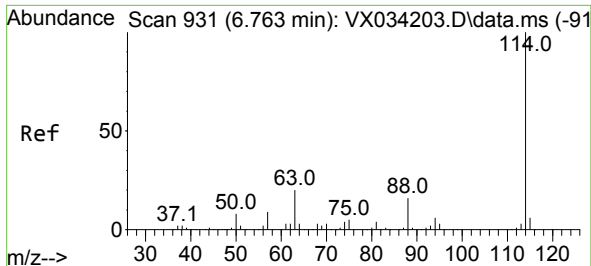
Tgt Ion: 56 Resp: 5675
Ion Ratio Lower Upper
56 100
69 131.9 24.6 37.0#
84 132.3 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 44.702 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX034305.D
Acq: 02 Mar 2023 14:04

Tgt Ion: 65 Resp: 159558
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.8

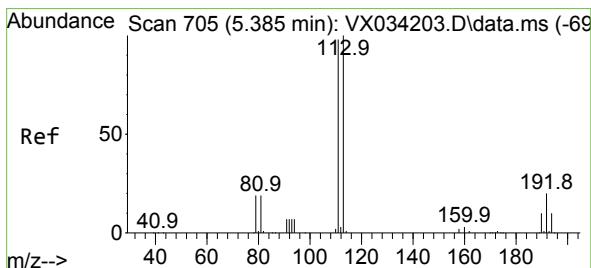
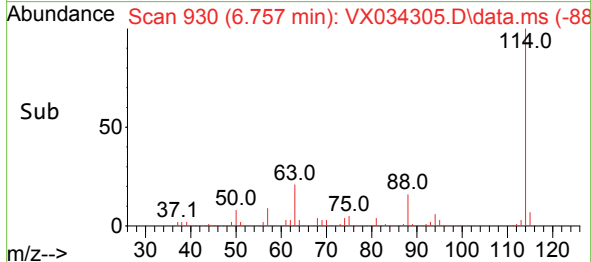
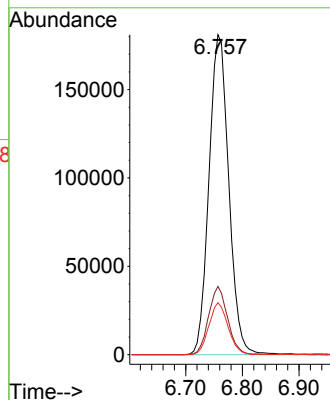
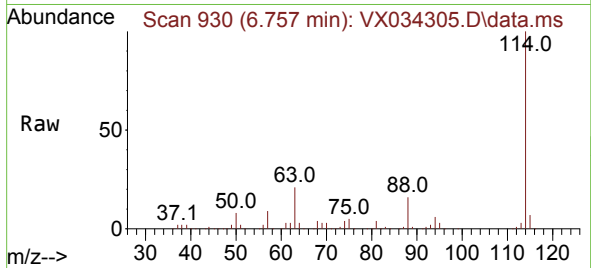




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX034305.D
Acq: 02 Mar 2023 14:04

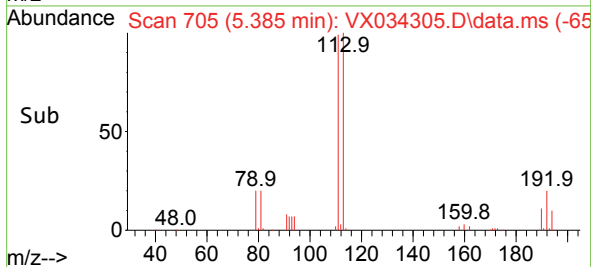
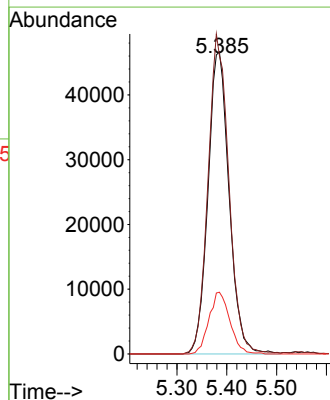
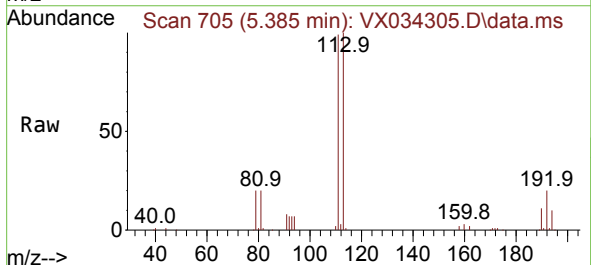
Instrument :
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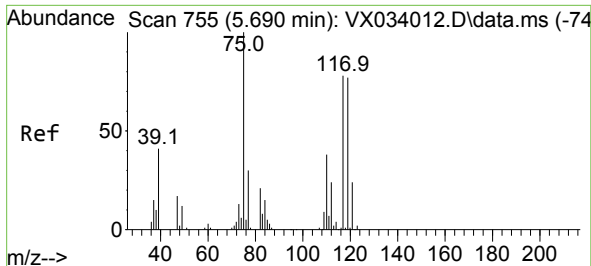
Tgt Ion:114 Resp: 438961
Ion Ratio Lower Upper
114 100
63 21.3 0.0 37.4
88 16.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.048 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034305.D
Acq: 02 Mar 2023 14:04

Tgt Ion:113 Resp: 137325
Ion Ratio Lower Upper
113 100
111 104.3 83.0 124.6
192 20.3 19.0 28.4

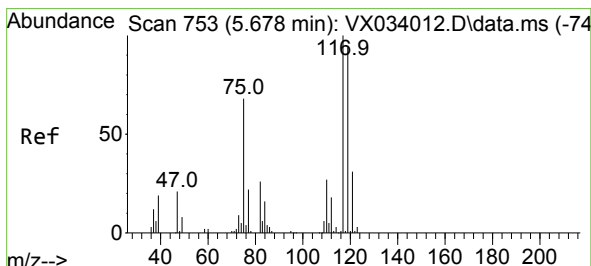
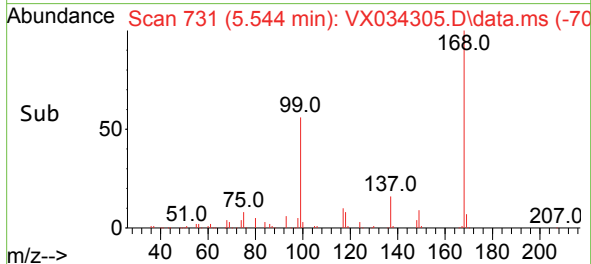
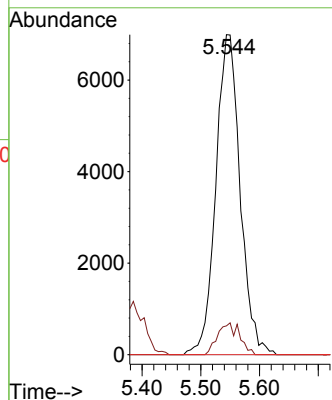
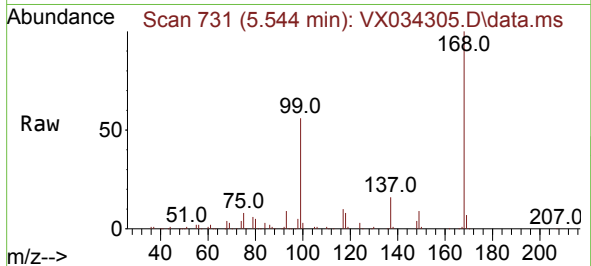




#36
1,1-Dichloropropene
Concen: 4.754 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX034305.D
Acq: 02 Mar 2023 14:04

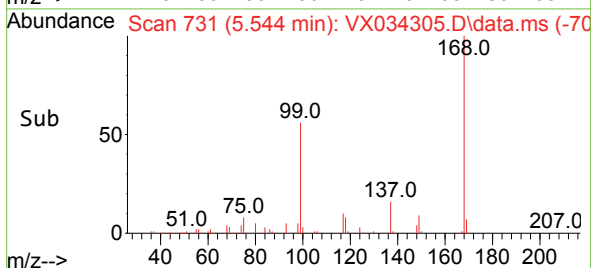
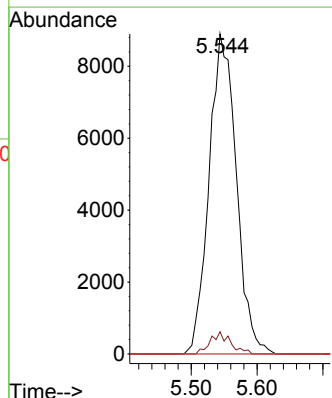
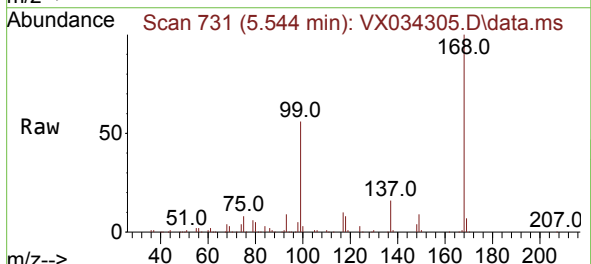
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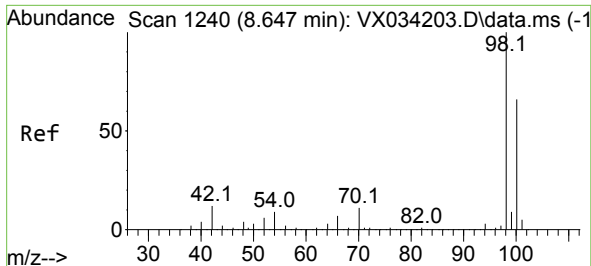
Tgt Ion: 75 Resp: 20093
Ion Ratio Lower Upper
75 100
110 9.0 18.8 56.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.900 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX034305.D
Acq: 02 Mar 2023 14:04

Tgt Ion: 117 Resp: 25663
Ion Ratio Lower Upper
117 100
119 6.9 78.0 117.0#
121 0.0 24.4 36.6#

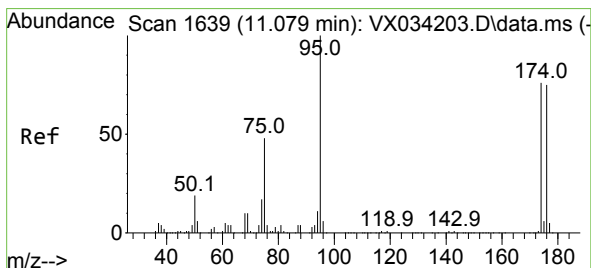
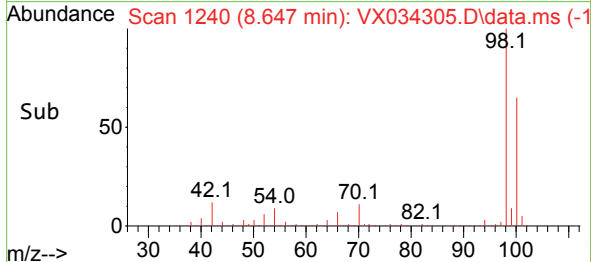
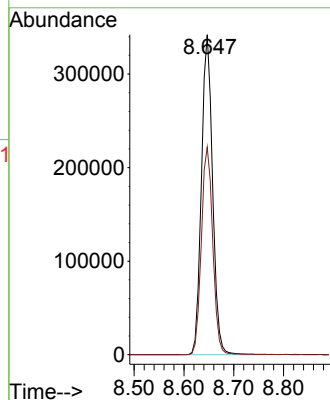
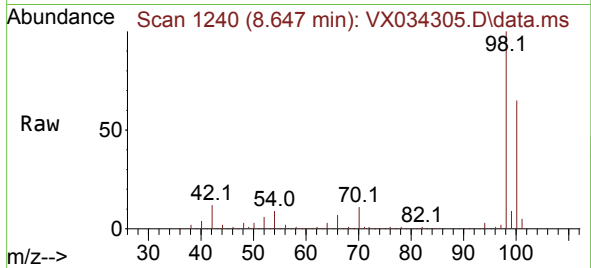




#50
Toluene-d8
Concen: 51.635 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034305.D
Acq: 02 Mar 2023 14:04

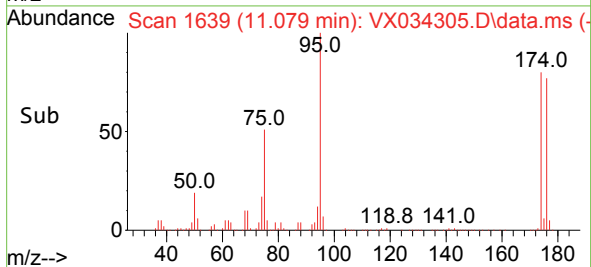
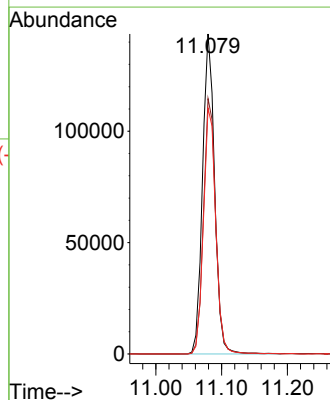
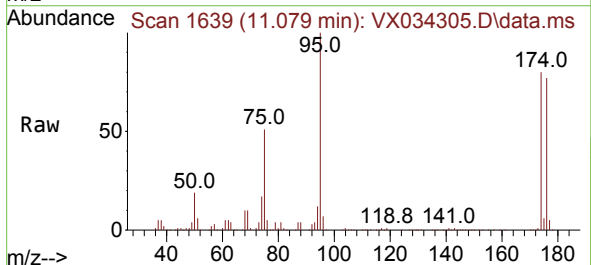
Instrument :
MSVOA_X
ClientSampleId :
IBLK

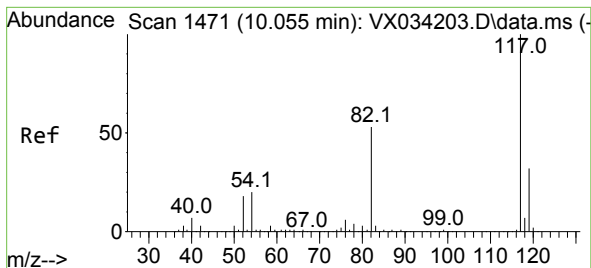
Tgt Ion: 98 Resp: 529846
Ion Ratio Lower Upper
98 100
100 66.3 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 46.670 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034305.D
Acq: 02 Mar 2023 14:04

Tgt Ion: 95 Resp: 183183
Ion Ratio Lower Upper
95 100
174 80.9 0.0 184.4
176 78.3 0.0 178.8

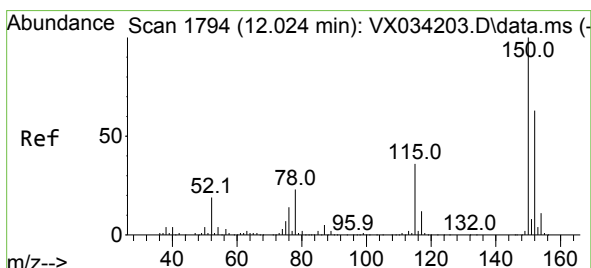
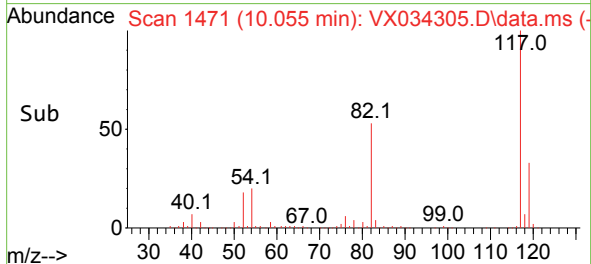
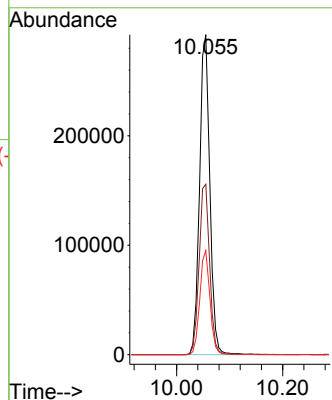
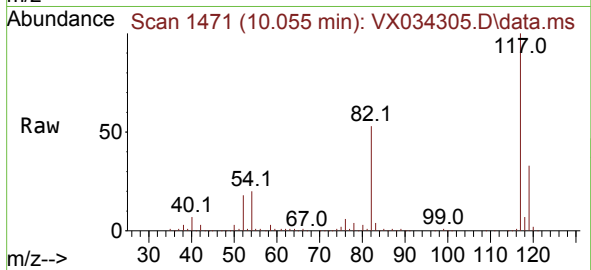




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034305.D
Acq: 02 Mar 2023 14:04

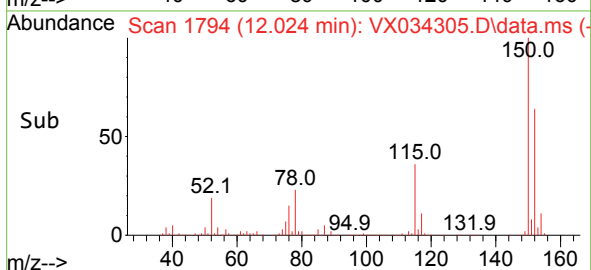
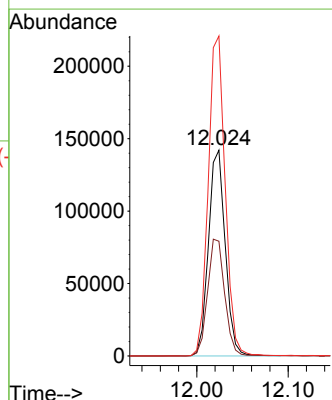
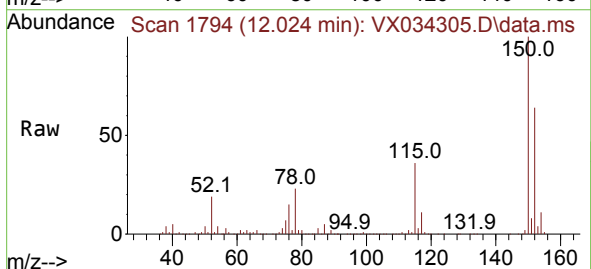
Instrument :
MSVOA_X
ClientSampleId :
IBLK

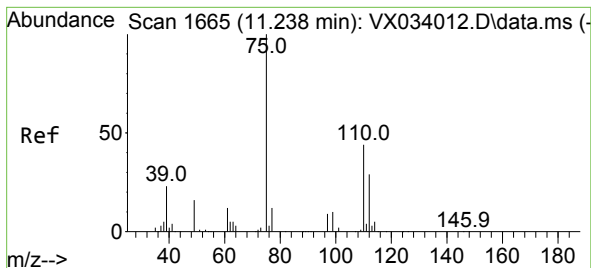
Tgt Ion:117 Resp: 394312
Ion Ratio Lower Upper
117 100
82 53.2 40.6 60.8
119 32.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034305.D
Acq: 02 Mar 2023 14:04

Tgt Ion:152 Resp: 180869
Ion Ratio Lower Upper
152 100
115 58.2 38.7 116.1
150 156.8 0.0 348.2





#76

1,2,3-Trichloropropane

Concen: 20.401 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX034305.D

Acq: 02 Mar 2023 14:04

Instrument :

MSVOA_X

ClientSampleId :

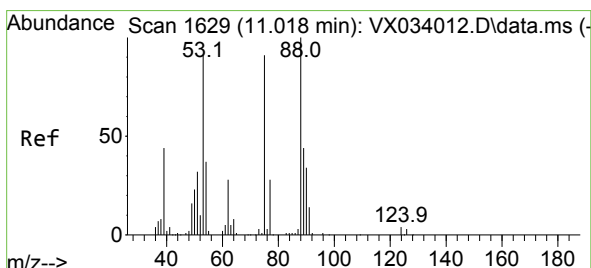
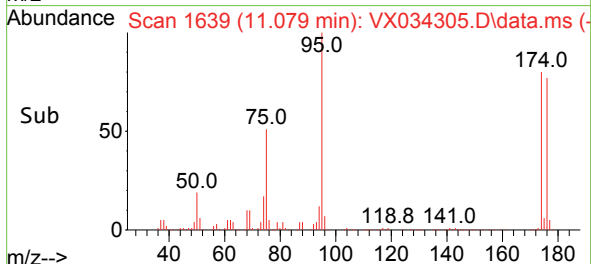
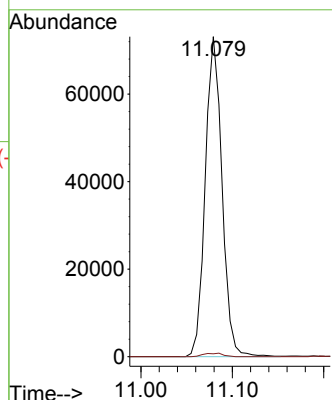
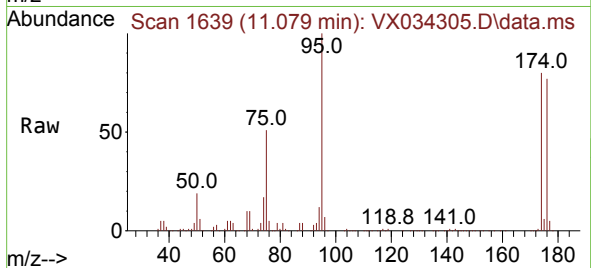
IBLK

Tgt Ion: 75 Resp: 92849

Ion Ratio Lower Upper

75 100

77 1.3 21.8 65.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 52.409 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034305.D

Acq: 02 Mar 2023 14:04

Tgt Ion: 75 Resp: 92849

Ion Ratio Lower Upper

75 100

53 0.0 83.0 124.6#

89 0.0 37.7 56.5#

