

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012524\
 Data File : VX039956.D
 Acq On : 25 Jan 2024 16:04
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 26 01:35:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

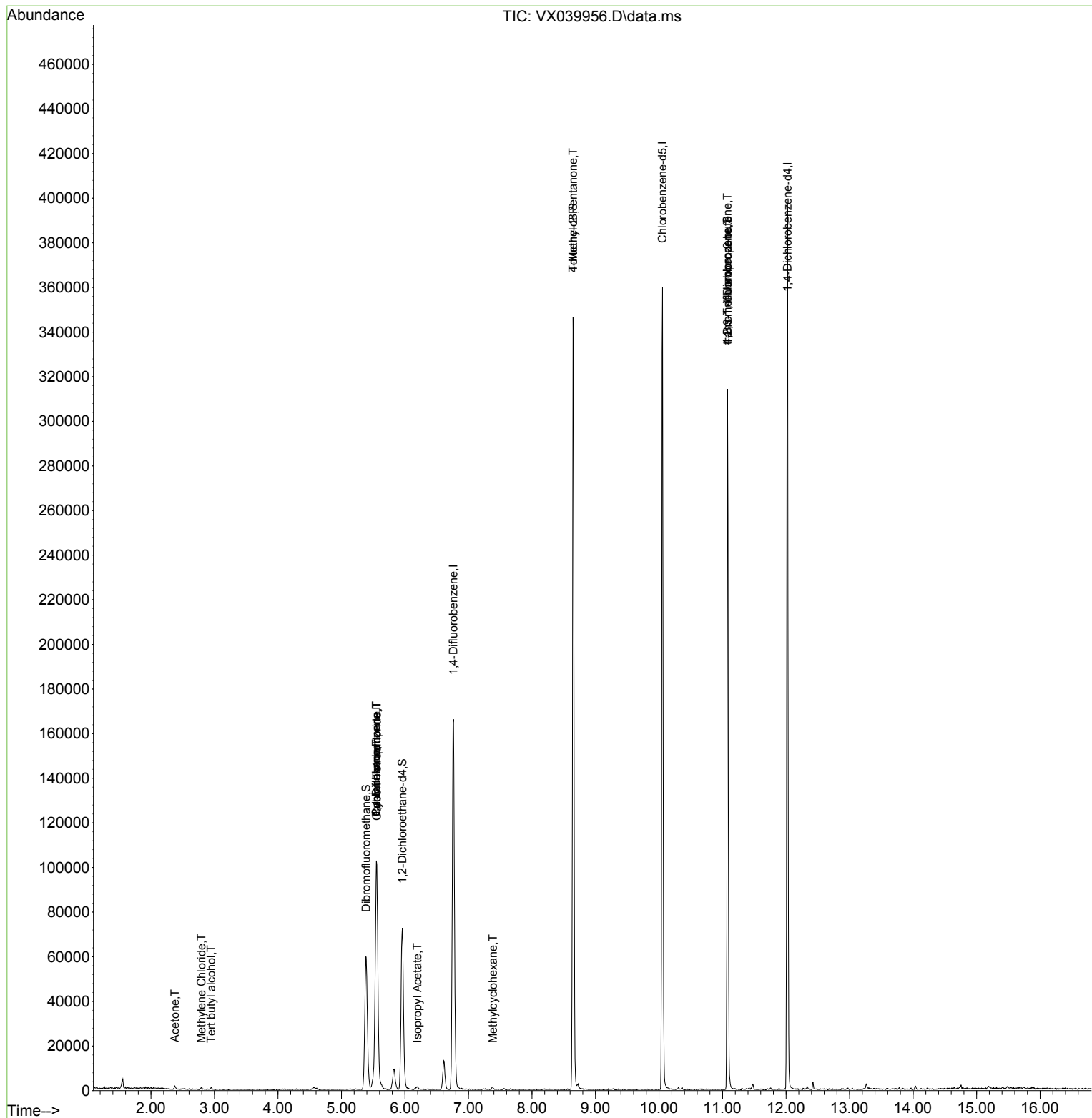
Internal Standards						
1) Pentafluorobenzene	5.550	168	90264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	163247	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71227	47.106	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.220%
35) Dibromofluoromethane	5.385	113	51316	46.670	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.340%
50) Toluene-d8	8.647	98	198915	47.966	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.940%
62) 4-Bromofluorobenzene	11.079	95	79568	49.066	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.140%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	408	1.037	ug/l #	78
13) Acrolein	1.959	56	24	Below Cal	#	14
16) Acetone	2.380	43	1316	1.548	ug/l	92
20) Methylene Chloride	2.794	84	316	0.246	ug/l #	74
31) Cyclohexane	5.550	56	3911	1.960	ug/l #	25
36) 1,1-Dichloropropene	5.550	75	8040	4.698	ug/l #	50
38) Carbon Tetrachloride	5.556	117	9974	6.363	ug/l #	15
39) Methylcyclohexane	7.385	83	485	0.236	ug/l #	87
43) Isopropyl Acetate	6.196	43	894	0.267	ug/l #	62
51) 4-Methyl-2-Pentanone	8.647	43	1105	0.479	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	44244	21.940	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	44244	63.691	ug/l #	5

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

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Quant Time: Jan 26 01:35:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration



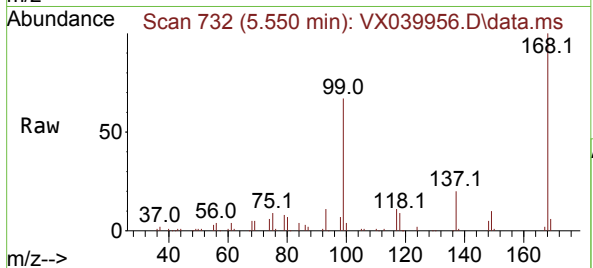


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039956.D
Acq: 25 Jan 2024 16:04

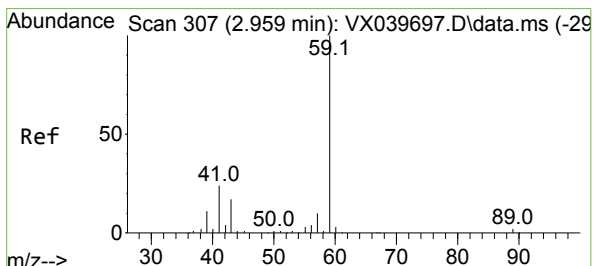
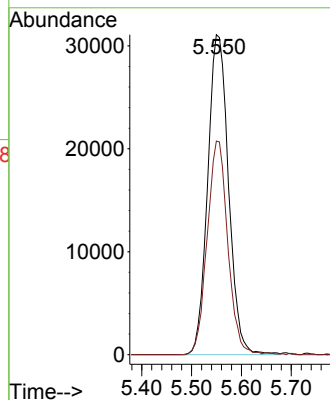
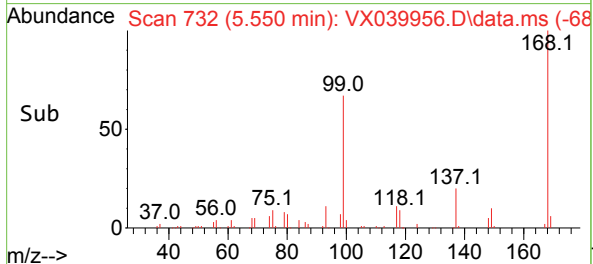
Instrument :

MSVOA_X

ClientSampleId :

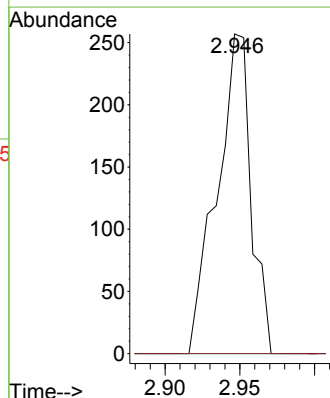
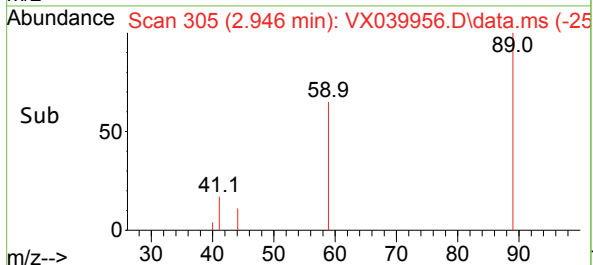
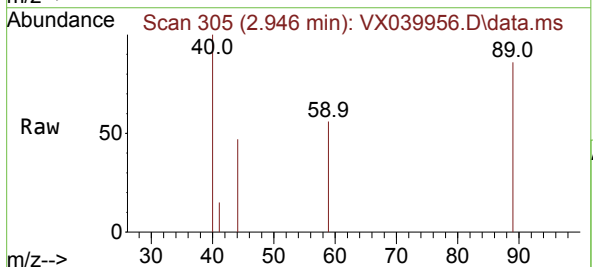


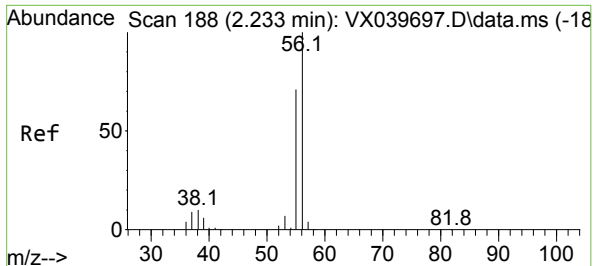
Tgt Ion:168 Resp: 90264
Ion Ratio Lower Upper
168 100
99 66.8 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.037 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX039956.D
Acq: 25 Jan 2024 16:04

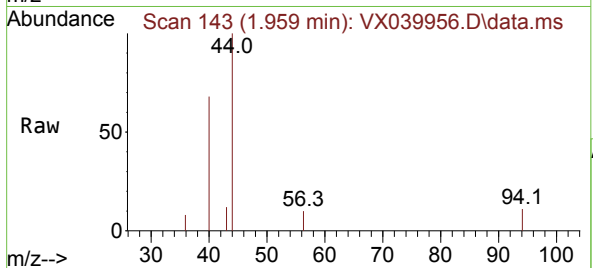
Tgt Ion: 59 Resp: 408
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



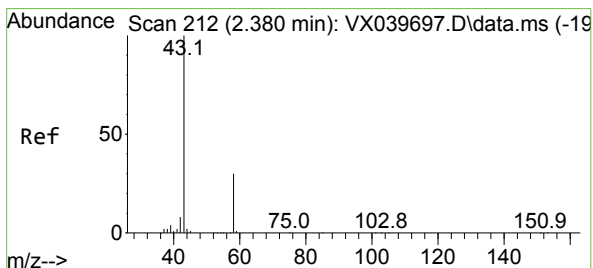
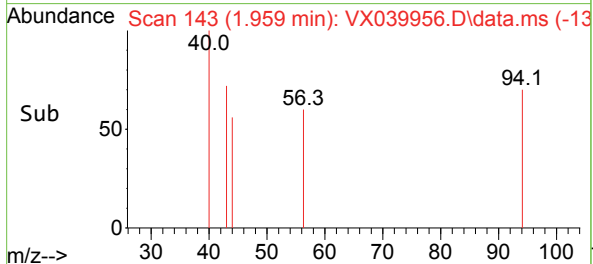
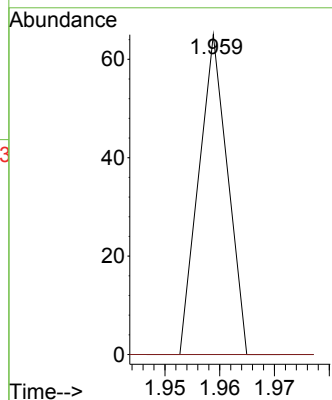


#13
Acrolein
Concen: Below Cal
RT: 1.959 min Scan# 14
Delta R.T. -0.274 min
Lab File: VX039956.D
Acq: 25 Jan 2024 16:04

Instrument :
MSVOA_X
ClientSampleId :

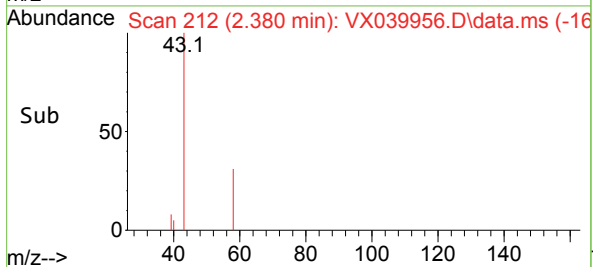
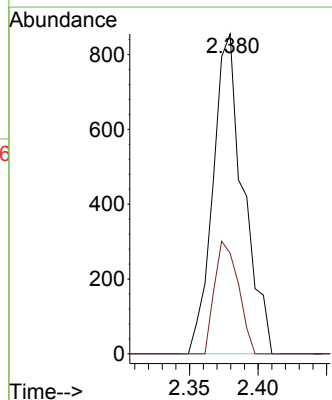
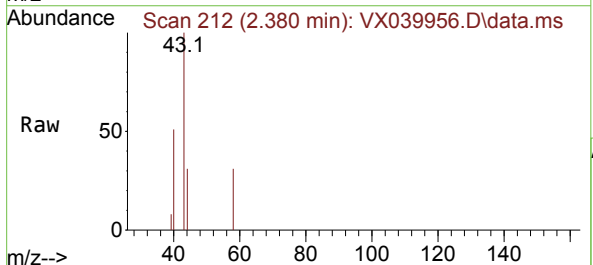


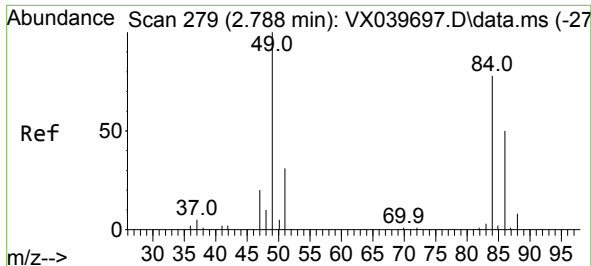
Tgt Ion: 56 Resp: 24
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 1.548 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX039956.D
Acq: 25 Jan 2024 16:04

Tgt Ion: 43 Resp: 1316
Ion Ratio Lower Upper
43 100
58 31.5 21.9 32.9





#20

Methylene Chloride

Concen: 0.246 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

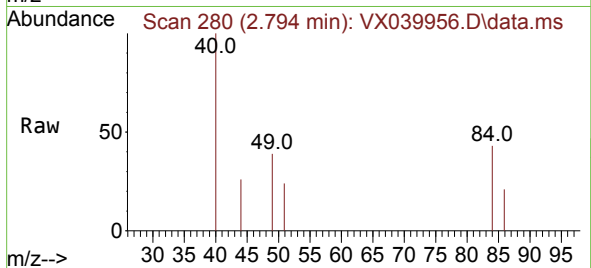
Lab File: VX039956.D

Acq: 25 Jan 2024 16:04

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 316

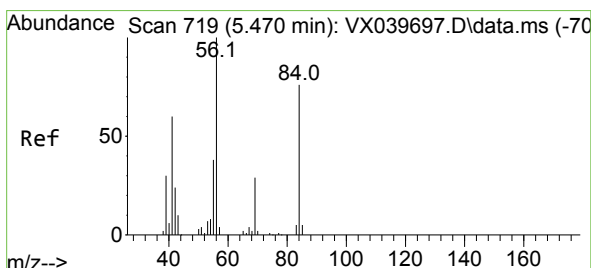
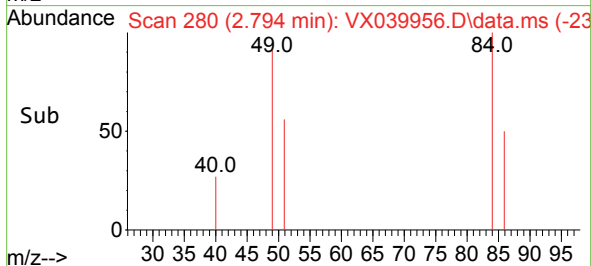
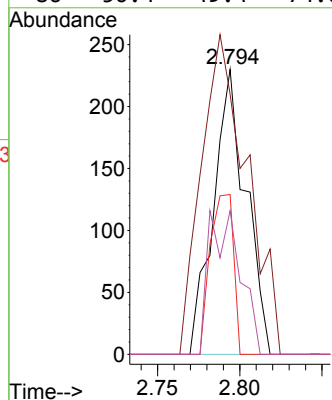
Ion Ratio Lower Upper

84 100

49 91.3 103.6 155.4#

51 56.1 33.8 50.6#

86 50.4 49.4 74.0



#31

Cyclohexane

Concen: 1.960 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX039956.D

Acq: 25 Jan 2024 16:04

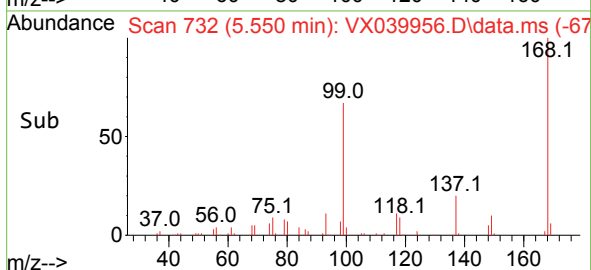
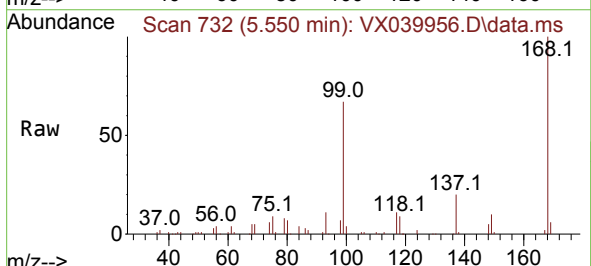
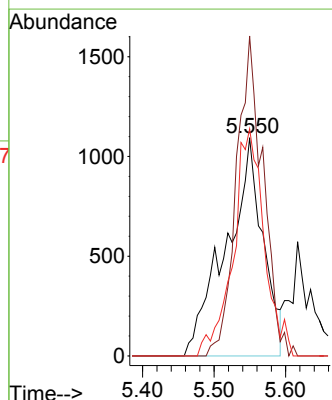
Tgt Ion: 56 Resp: 3911

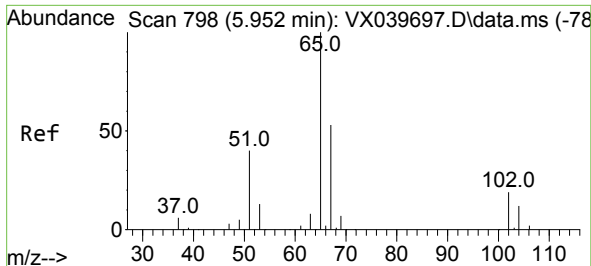
Ion Ratio Lower Upper

56 100

69 146.6 23.4 35.2#

84 104.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.106 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX039956.D

Acq: 25 Jan 2024 16:04

Instrument :

MSVOA_X

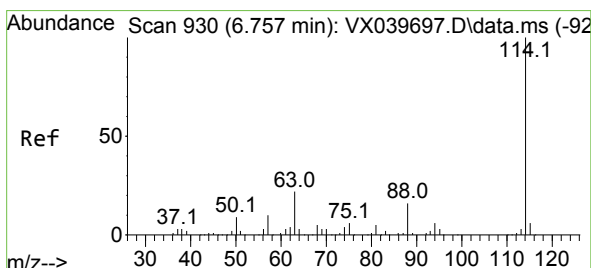
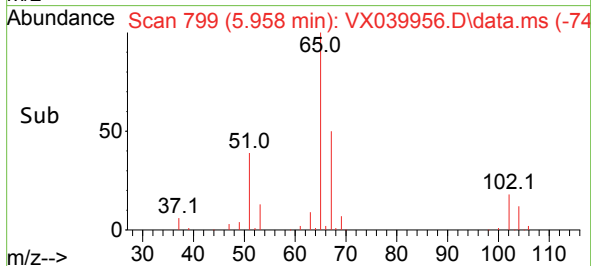
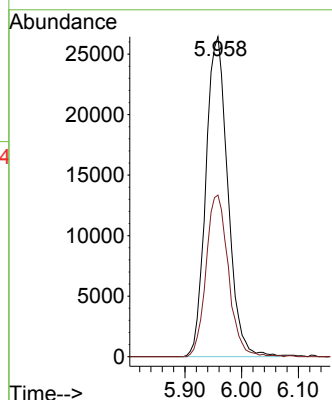
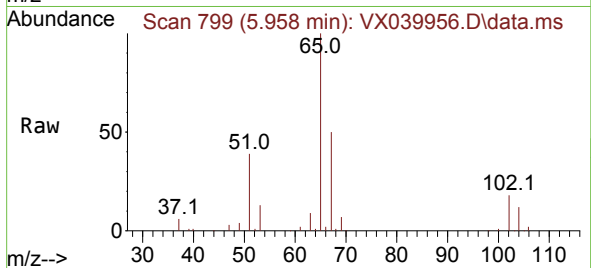
ClientSampleId :

Tgt Ion: 65 Resp: 71227

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX039956.D

Acq: 25 Jan 2024 16:04

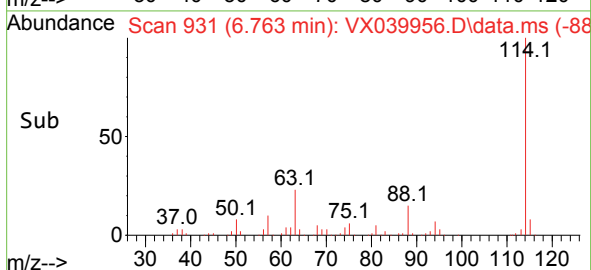
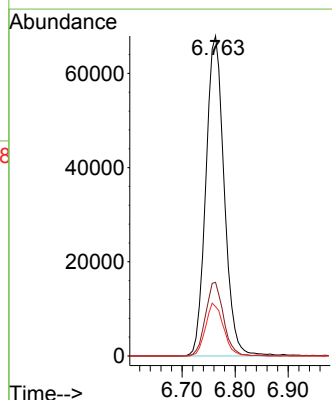
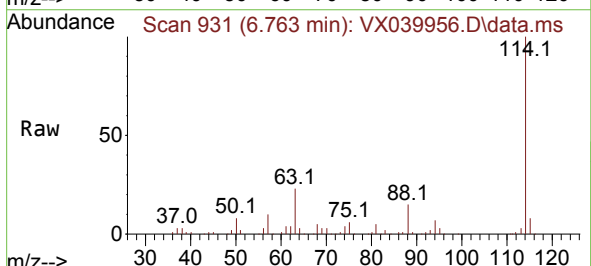
Tgt Ion: 114 Resp: 163247

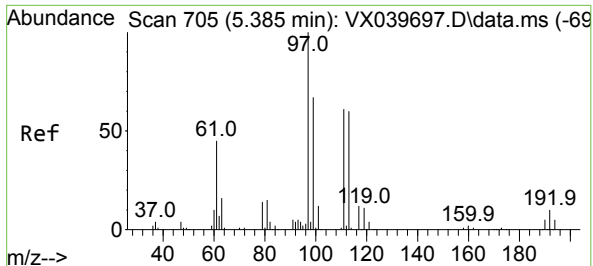
Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.0

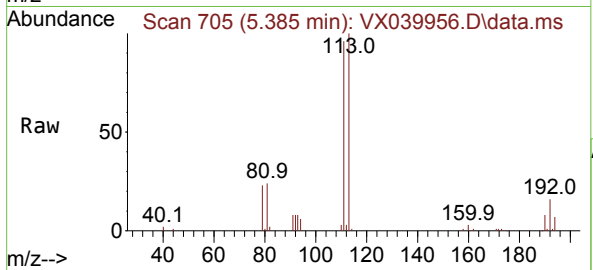
88 15.4 0.0 36.6



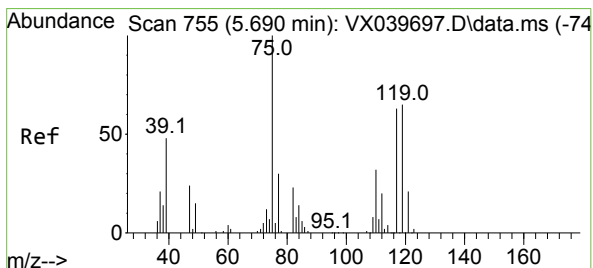
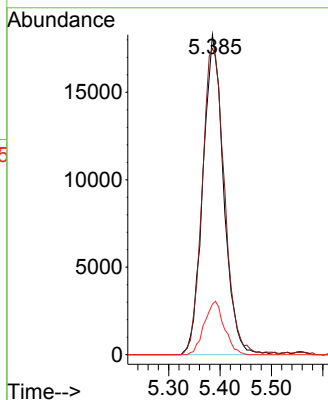
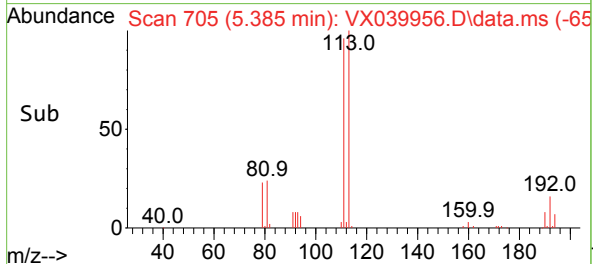


#35
Dibromofluoromethane
Concen: 46.670 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039956.D
Acq: 25 Jan 2024 16:04

Instrument :
MSVOA_X
ClientSampleId :

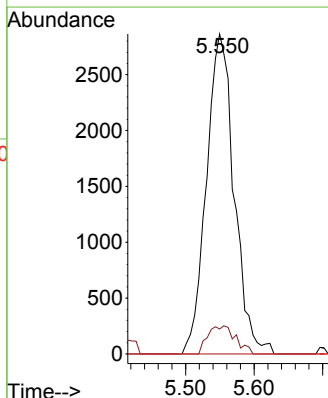
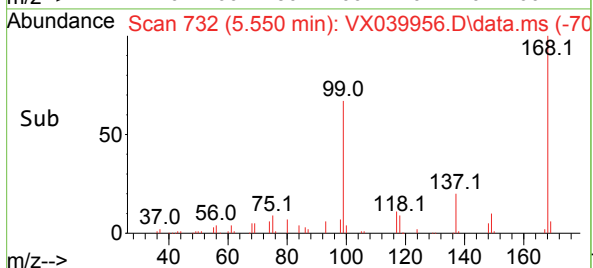
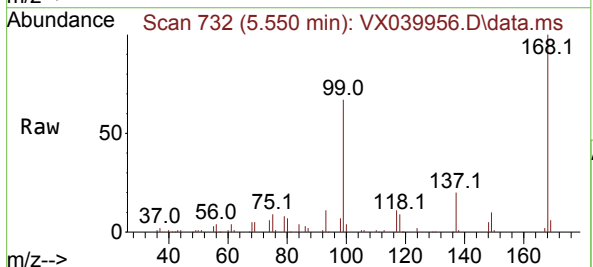


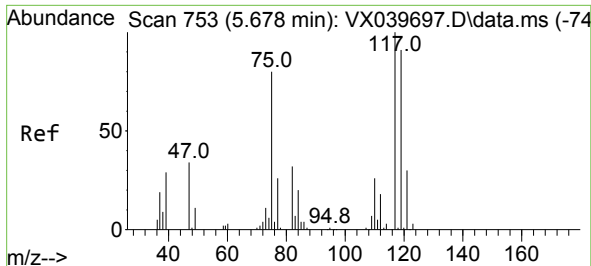
Tgt Ion:113 Resp: 51316
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 16.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.698 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX039956.D
Acq: 25 Jan 2024 16:04

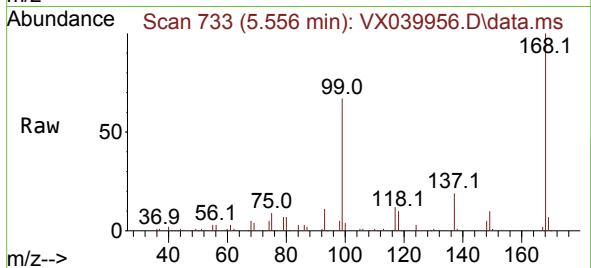
Tgt Ion: 75 Resp: 8040
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.0 24.7 37.1#



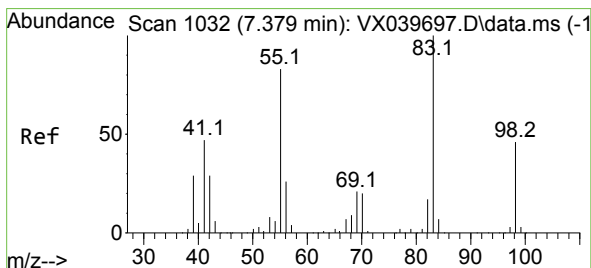
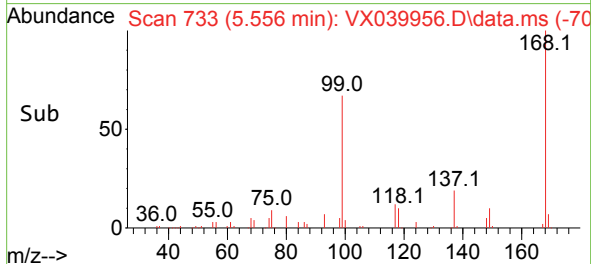
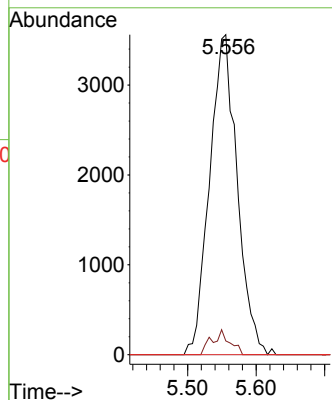


#38
Carbon Tetrachloride
Concen: 6.363 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX039956.D
Acq: 25 Jan 2024 16:04

Instrument :
MSVOA_X
ClientSampleId :

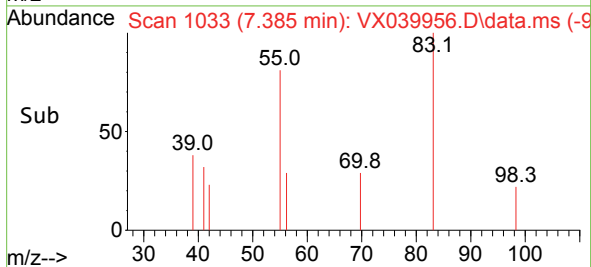
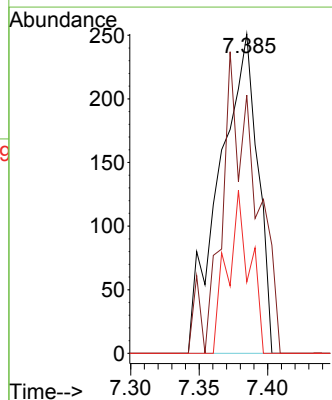
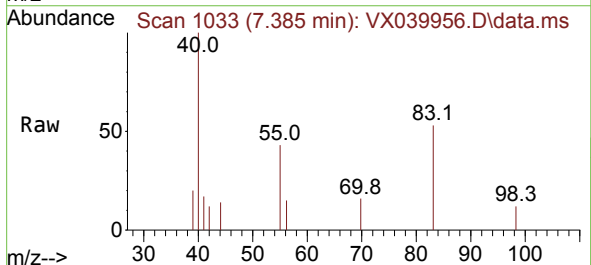


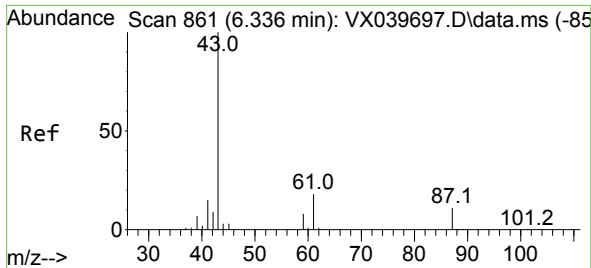
Tgt Ion:117 Resp: 9974
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.236 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX039956.D
Acq: 25 Jan 2024 16:04

Tgt Ion: 83 Resp: 485
Ion Ratio Lower Upper
83 100
55 80.9 64.6 97.0
98 22.3 36.7 55.1#

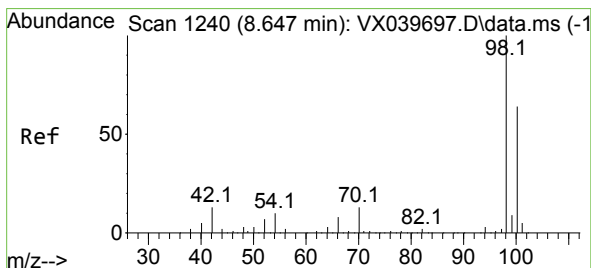
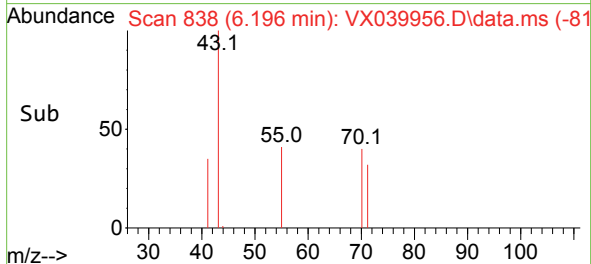
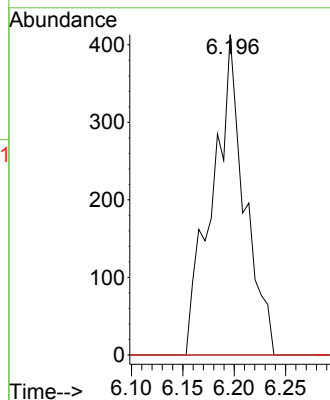
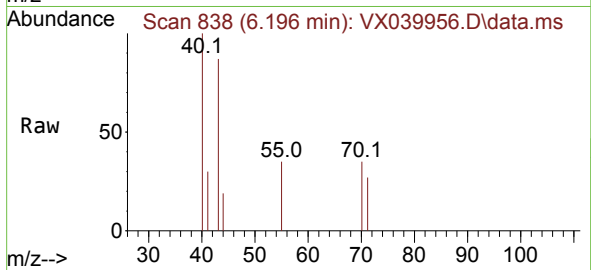




#43
Isopropyl Acetate
Concen: 0.267 ug/l
RT: 6.196 min Scan# 81
Delta R.T. -0.140 min
Lab File: VX039956.D
Acq: 25 Jan 2024 16:04

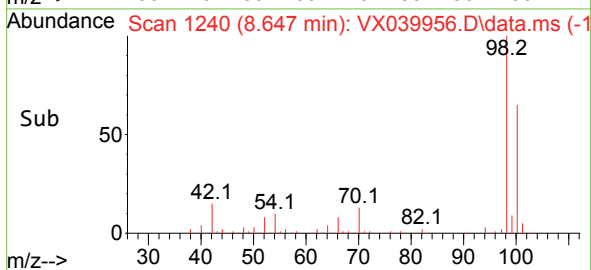
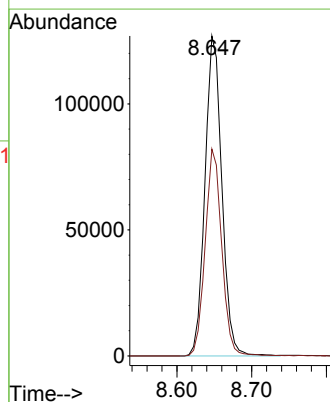
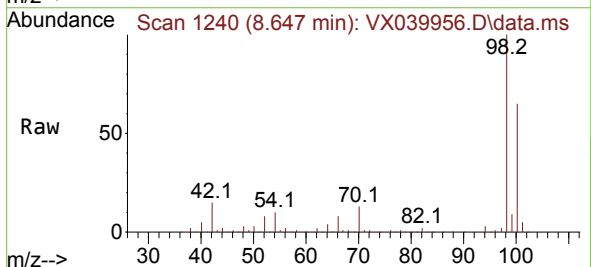
Instrument :
MSVOA_X
ClientSampleId :

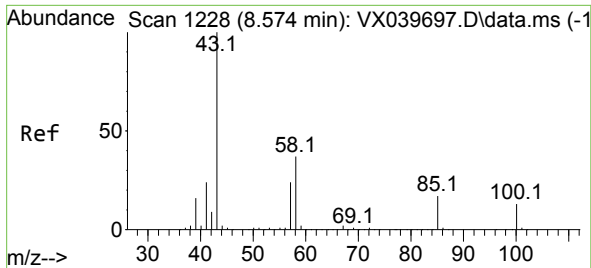
Tgt Ion: 43 Resp: 894
Ion Ratio Lower Upper
43 100
61 0.0 15.2 22.8#
87 0.0 9.8 14.6#



#50
Toluene-d8
Concen: 47.966 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039956.D
Acq: 25 Jan 2024 16:04

Tgt Ion: 98 Resp: 198915
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7

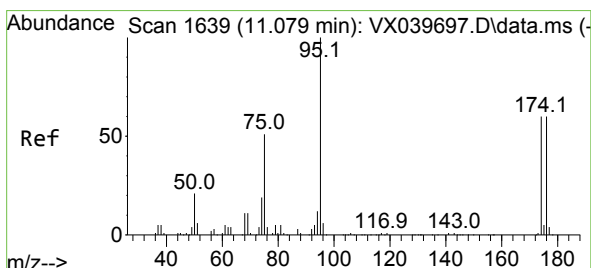
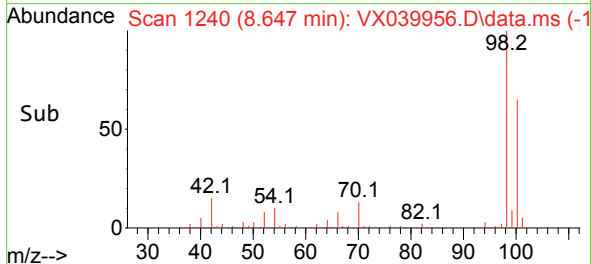
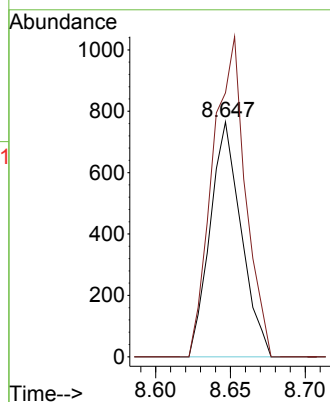
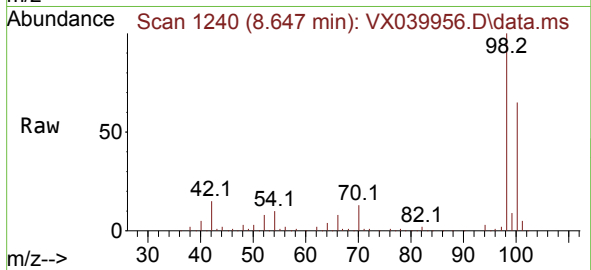




#51
4-Methyl-2-Pentanone
Concen: 0.479 ug/l
RT: 8.647 min Scan# 1105
Delta R.T. 0.073 min
Lab File: VX039956.D
Acq: 25 Jan 2024 16:04

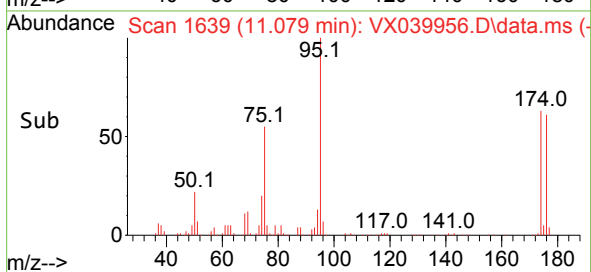
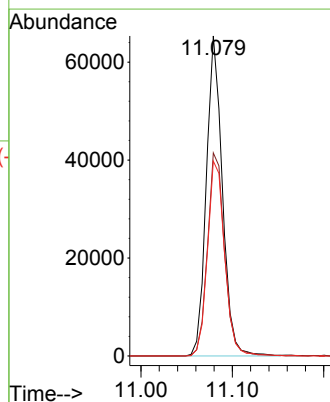
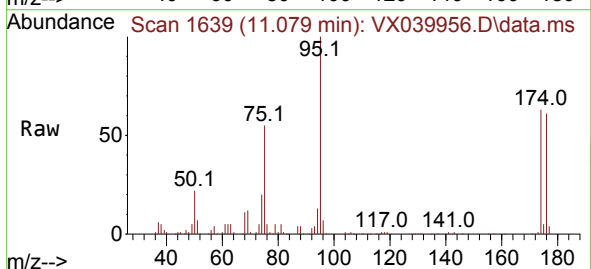
Instrument :
MSVOA_X
ClientSampleId :

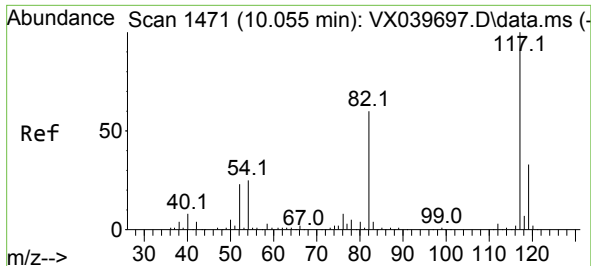
Tgt Ion: 43 Resp: 1105
Ion Ratio Lower Upper
43 100
58 144.3 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 49.066 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039956.D
Acq: 25 Jan 2024 16:04

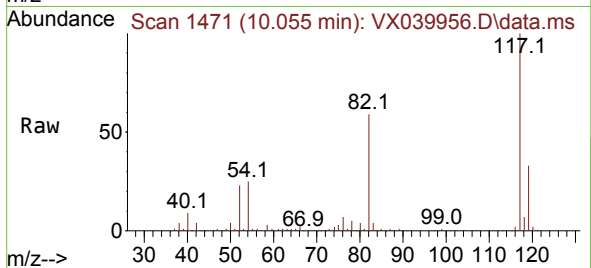
Tgt Ion: 95 Resp: 79568
Ion Ratio Lower Upper
95 100
174 67.5 0.0 135.6
176 65.2 0.0 131.0



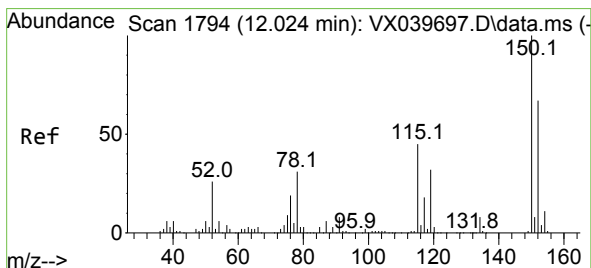
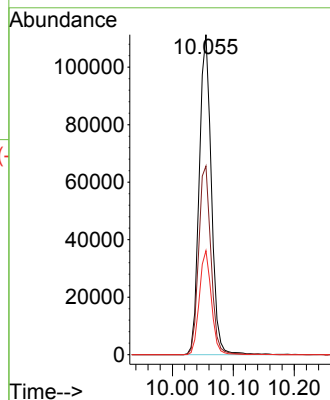
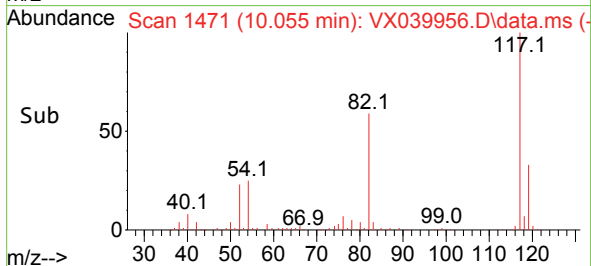


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039956.D
Acq: 25 Jan 2024 16:04

Instrument :
MSVOA_X
ClientSampleId :

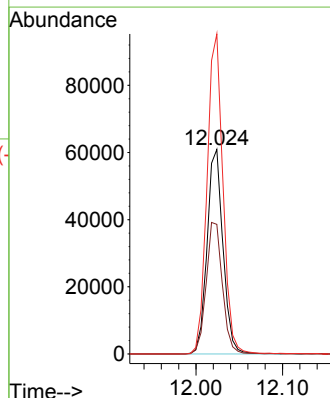
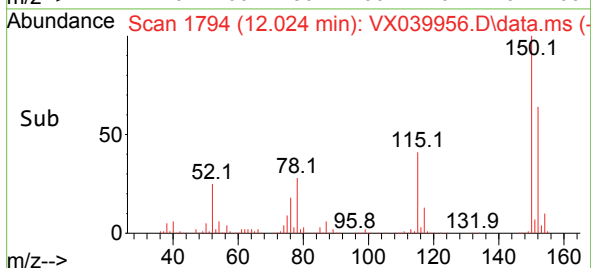
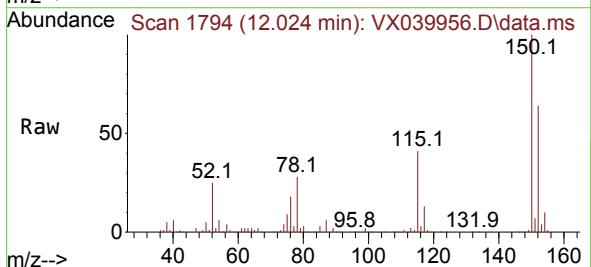


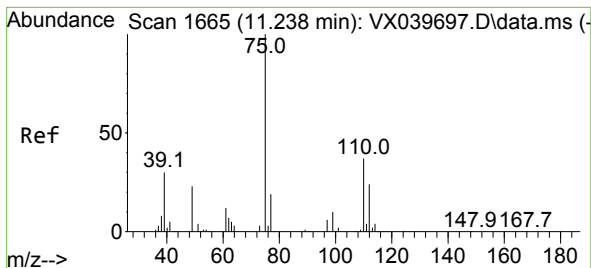
Tgt Ion:117 Resp: 153639
Ion Ratio Lower Upper
117 100
82 59.0 46.2 69.4
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX039956.D
Acq: 25 Jan 2024 16:04

Tgt Ion:152 Resp: 77782
Ion Ratio Lower Upper
152 100
115 65.5 43.3 129.9
150 156.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.940 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039956.D

Acq: 25 Jan 2024 16:04

Instrument :

MSVOA_X

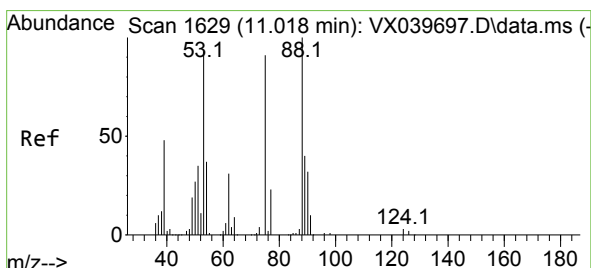
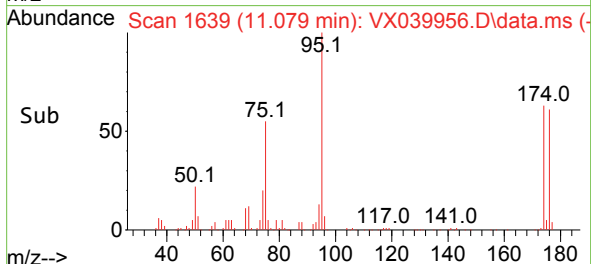
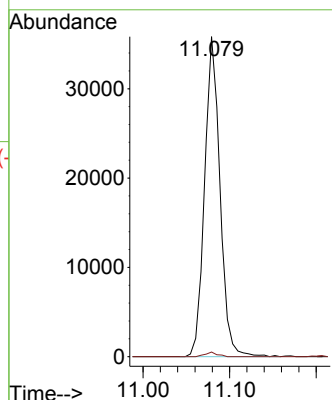
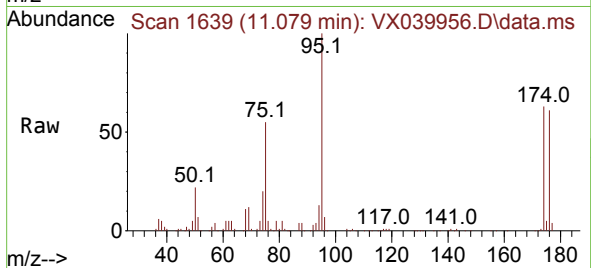
ClientSampleId :

Tgt Ion: 75 Resp: 44244

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.691 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039956.D

Acq: 25 Jan 2024 16:04

Tgt Ion: 75 Resp: 44244

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

