

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042123\
 Data File : VX035234.D
 Acq On : 21 Apr 2023 16:26
 Operator : JC/MD
 Sample : 02403-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-1

Quant Time: Apr 22 01:06:15 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)

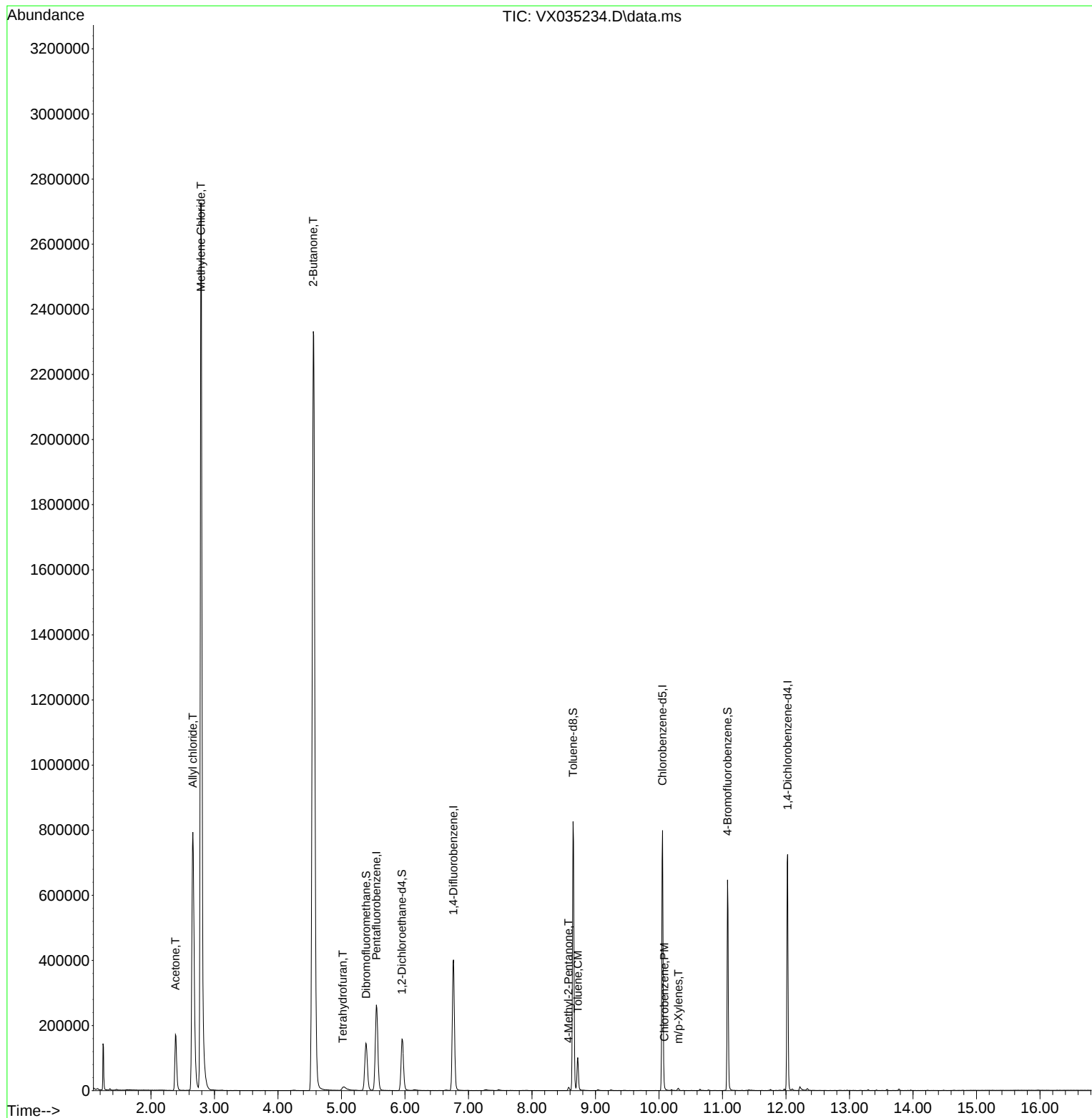
Internal Standards						
1) Pentafluorobenzene	5.550	168	254964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	418588	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	369857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	154726	39.680	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	79.360%
35) Dibromofluoromethane	5.385	113	129224	46.674	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.340%
50) Toluene-d8	8.647	98	497245	48.658	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.320%
62) 4-Bromofluorobenzene	11.079	95	176503	44.633	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.260%
Target Compounds						
					Qvalue	
14) Allyl chloride	2.660	41	1096855	213.896	ug/l #	42
16) Acetone	2.386	43	217149	137.087	ug/l	99
20) Methylene Chloride	2.788	84	1325940	424.192	ug/l	96
25) 2-Butanone	4.556	43	4315766	1873.017	ug/l	95
29) Tetrahydrofuran	5.019	42	8237	5.706	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	6889	1.622	ug/l	99
52) Toluene	8.720	92	39683	5.169	ug/l	99
65) Chlorobenzene	10.086	112	2067	0.269	ug/l #	87
68) m/p-Xylenes	10.305	106	1732	0.325	ug/l	96

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
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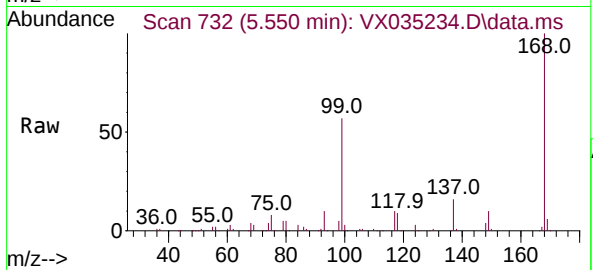
Quant Time: Apr 22 01:06:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration



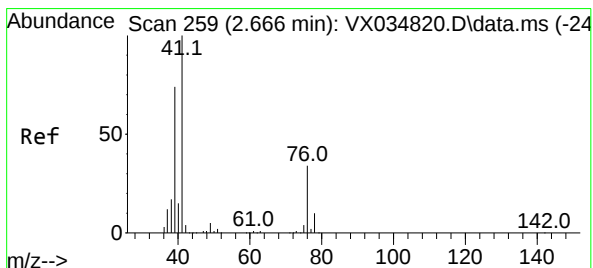
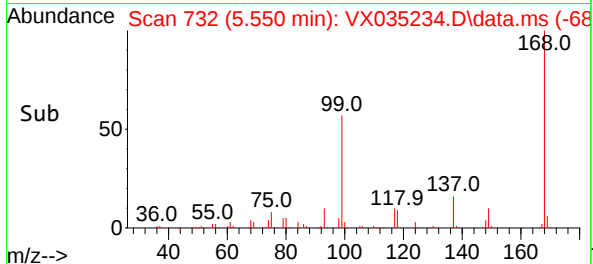
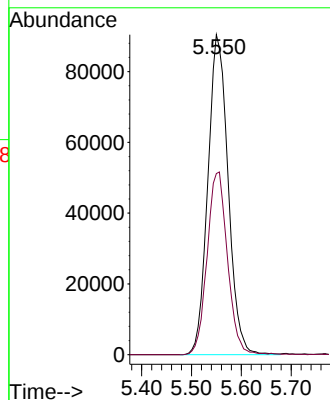


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX035234.D
Acq: 21 Apr 2023 16:26

Instrument :
MSVOA_X
ClientSampleId :
COMP-1

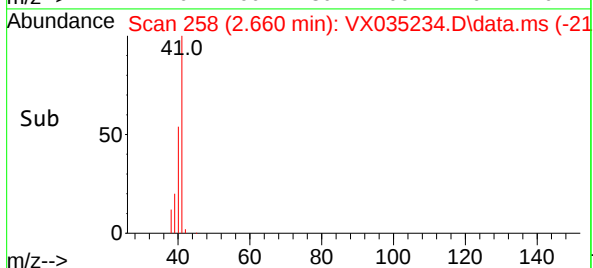
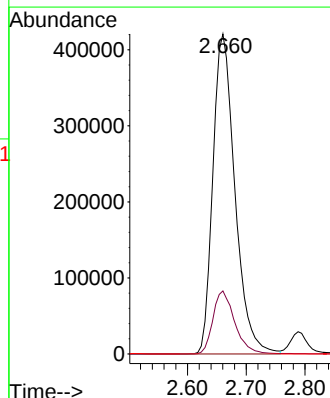
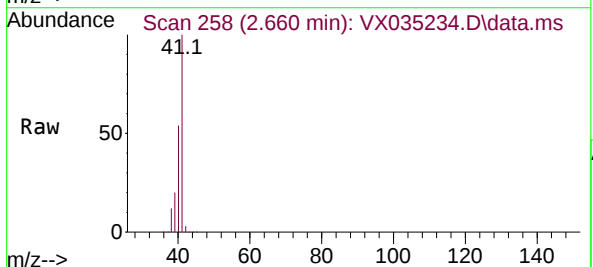


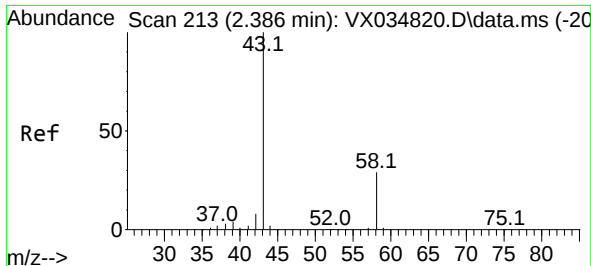
Tgt Ion:168 Resp: 254964
Ion Ratio Lower Upper
168 100
99 56.6 45.7 68.5



#14
Allyl chloride
Concen: 213.896 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX035234.D
Acq: 21 Apr 2023 16:26

Tgt Ion: 41 Resp: 1096855
Ion Ratio Lower Upper
41 100
39 19.6 52.4 78.6#
76 0.0 26.0 39.0#

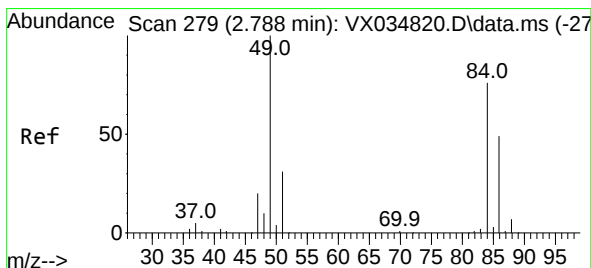
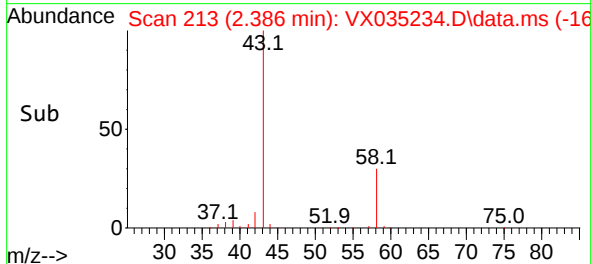
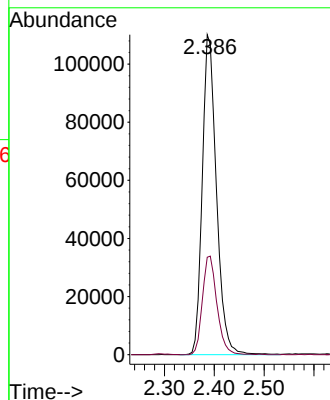
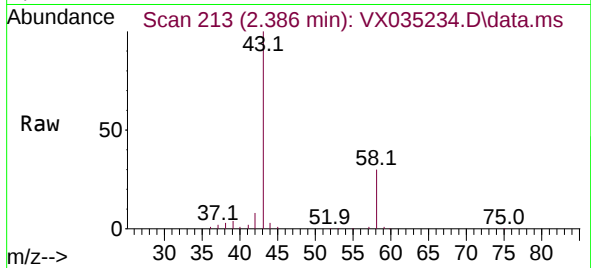




#16
Acetone
Concen: 137.087 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX035234.D
Acq: 21 Apr 2023 16:26

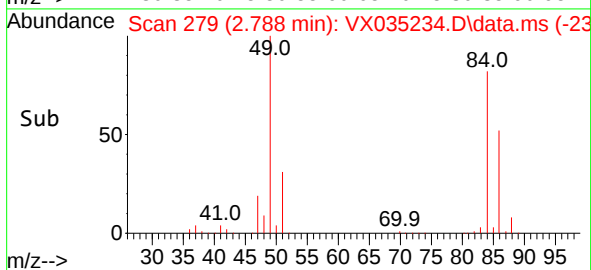
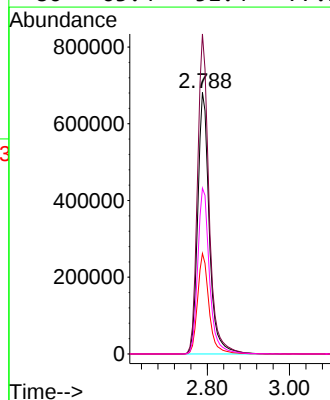
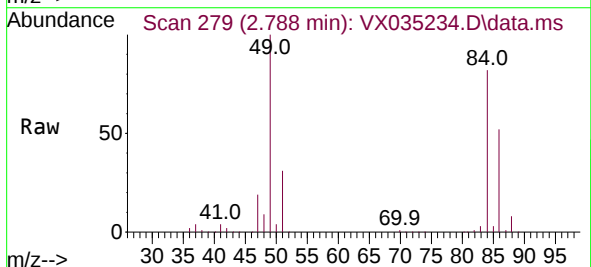
Instrument :
MSVOA_X
ClientSampleId :
COMP-1

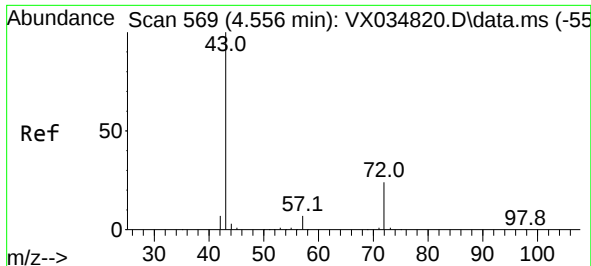
Tgt Ion: 43 Resp: 217149
Ion Ratio Lower Upper
43 100
58 30.4 24.7 37.1



#20
Methylene Chloride
Concen: 424.192 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035234.D
Acq: 21 Apr 2023 16:26

Tgt Ion: 84 Resp: 1325940
Ion Ratio Lower Upper
84 100
49 122.4 103.8 155.8
51 38.4 31.8 47.8
86 63.4 51.4 77.2

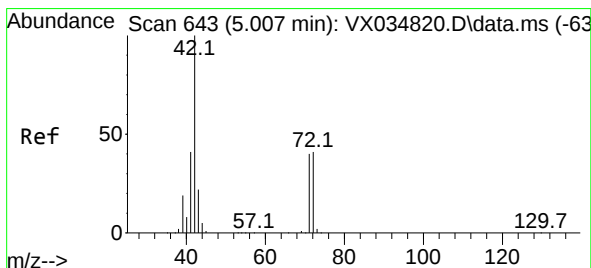
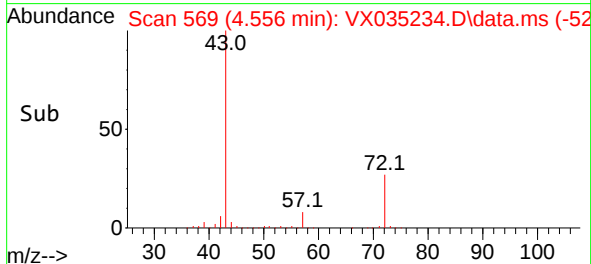
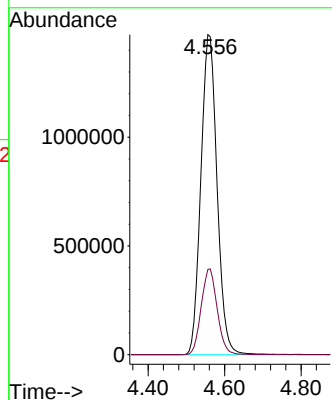
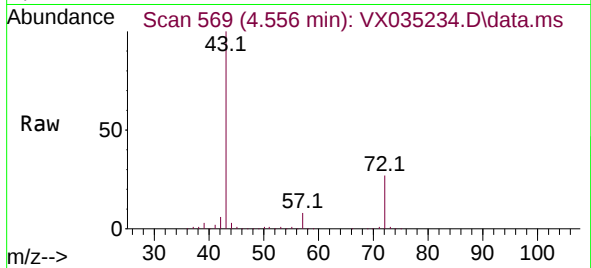




#25
2-Butanone
Concen: 1873.017 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX035234.D
Acq: 21 Apr 2023 16:26

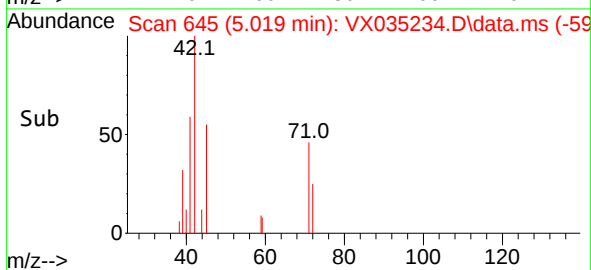
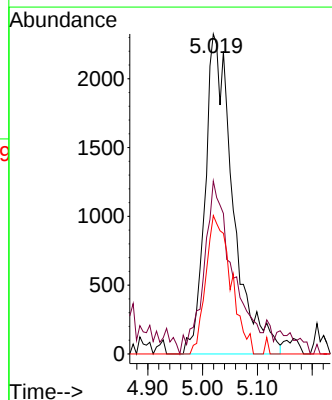
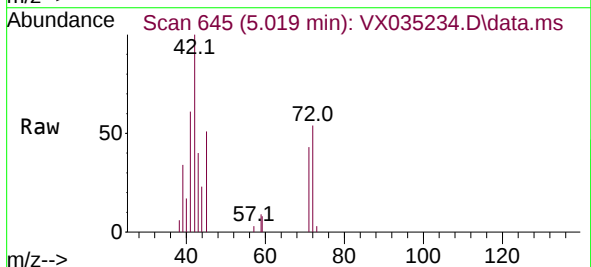
Instrument :
MSVOA_X
ClientSampleId :
COMP-1

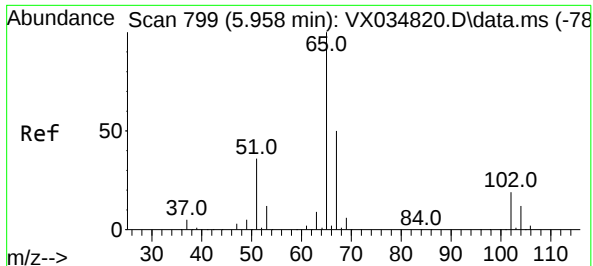
Tgt Ion: 43 Resp: 4315766
Ion Ratio Lower Upper
43 100
72 26.7 19.3 28.9



#29
Tetrahydrofuran
Concen: 5.706 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.012 min
Lab File: VX035234.D
Acq: 21 Apr 2023 16:26

Tgt Ion: 42 Resp: 8237
Ion Ratio Lower Upper
42 100
72 56.3 34.5 51.7#
71 38.7 32.1 48.1





#33

1,2-Dichloroethane-d4

Concen: 39.680 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035234.D

Acq: 21 Apr 2023 16:26

Instrument :

MSVOA_X

ClientSampleId :

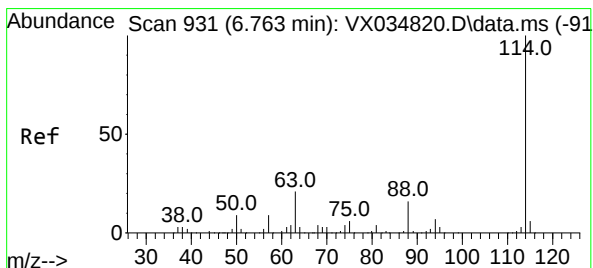
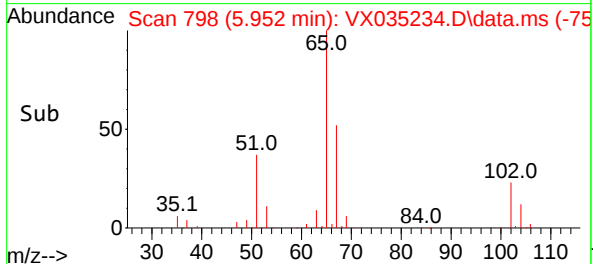
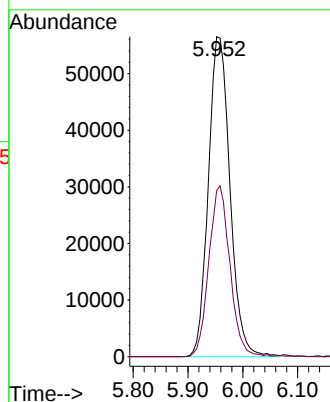
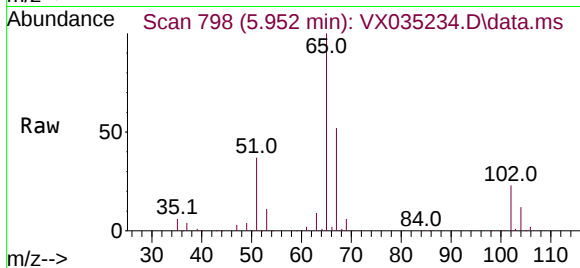
COMP-1

Tgt Ion: 65 Resp: 154726

Ion Ratio Lower Upper

65 100

67 52.0 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: VX035234.D

Acq: 21 Apr 2023 16:26

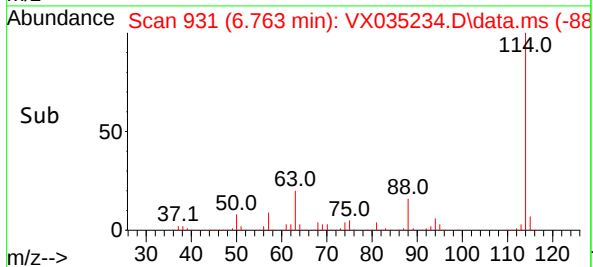
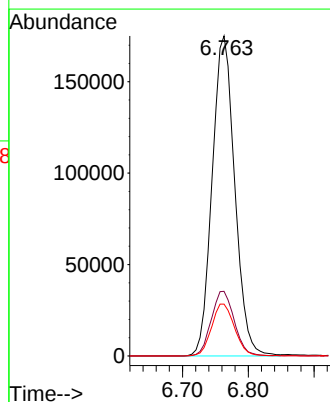
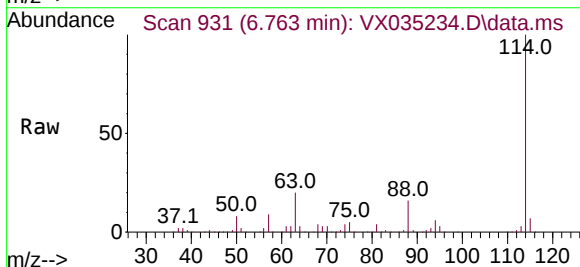
Tgt Ion: 114 Resp: 418588

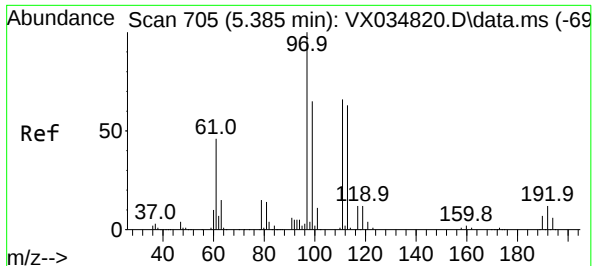
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.2

88 16.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.674 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035234.D

Acq: 21 Apr 2023 16:26

Instrument :

MSVOA_X

ClientSampleId :

COMP-1

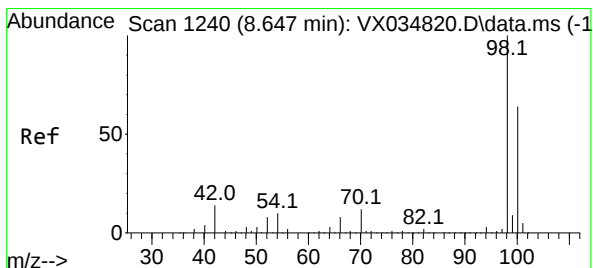
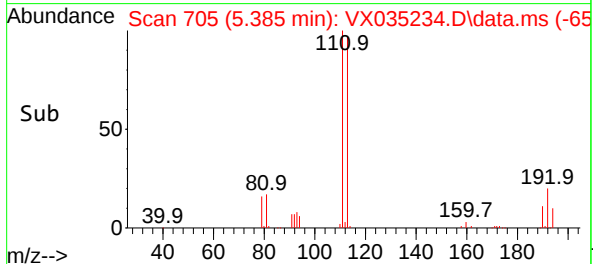
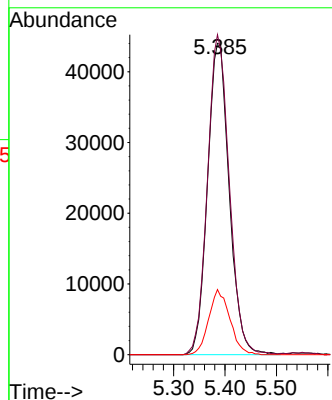
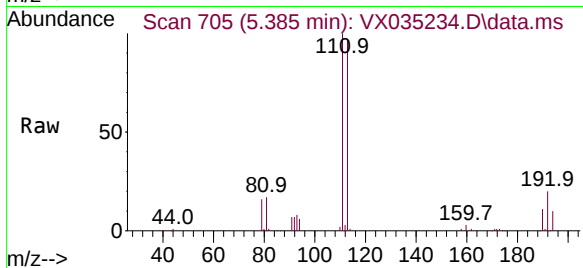
Tgt Ion:113 Resp: 129224

Ion Ratio Lower Upper

113 100

111 103.2 83.7 125.5

192 20.4 15.4 23.2



#50

Toluene-d8

Concen: 48.658 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX035234.D

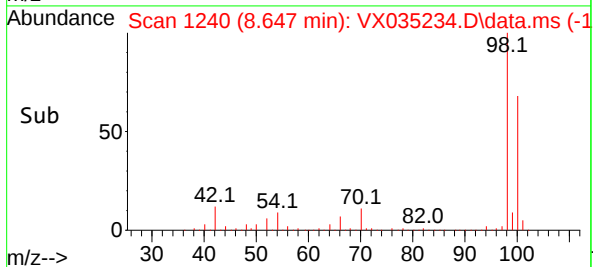
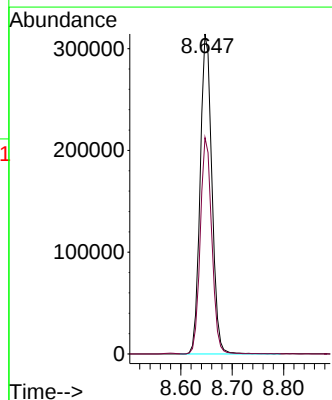
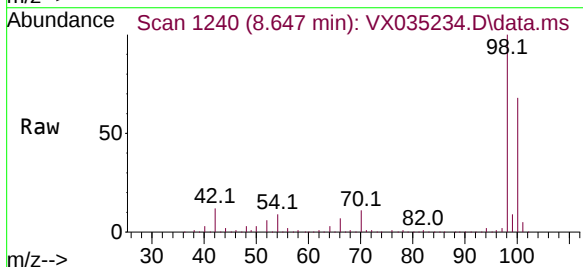
Acq: 21 Apr 2023 16:26

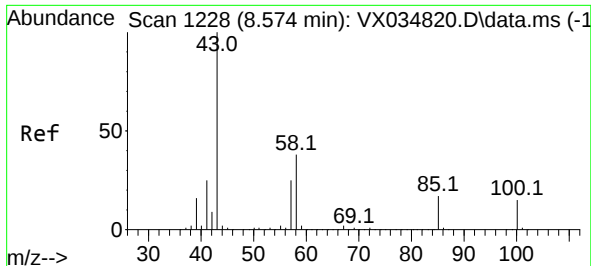
Tgt Ion: 98 Resp: 497245

Ion Ratio Lower Upper

98 100

100 66.5 52.5 78.7

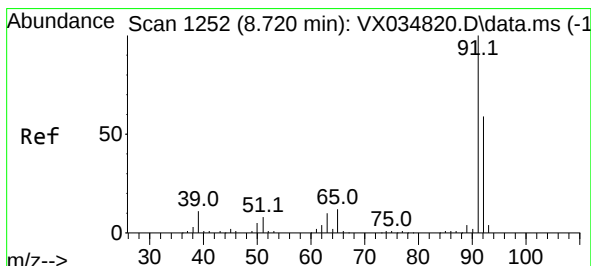
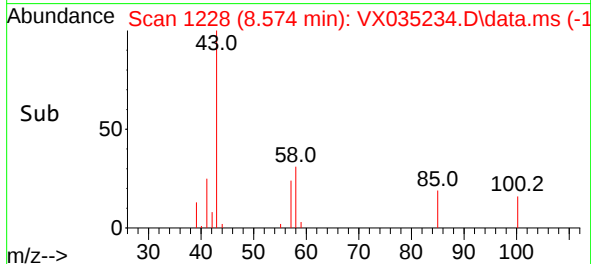
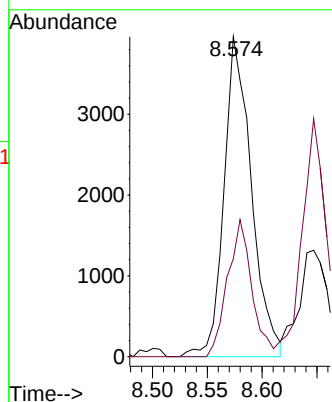
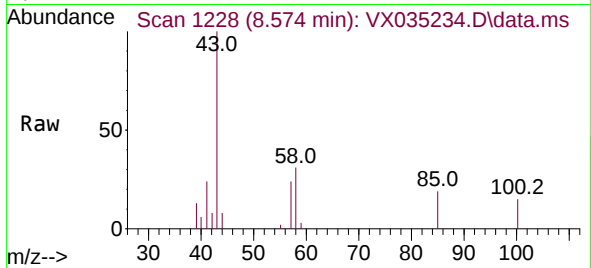




#51
4-Methyl-2-Pentanone
Concen: 1.622 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX035234.D
Acq: 21 Apr 2023 16:26

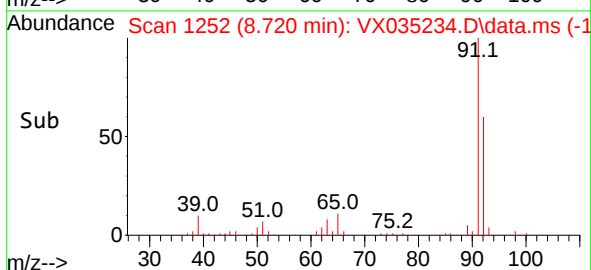
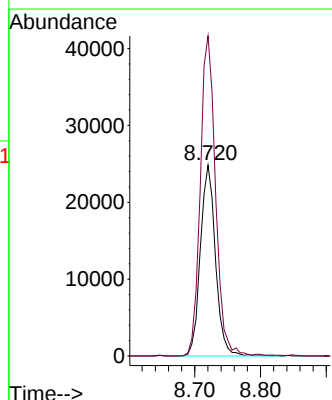
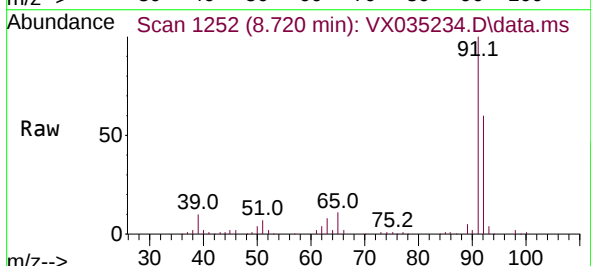
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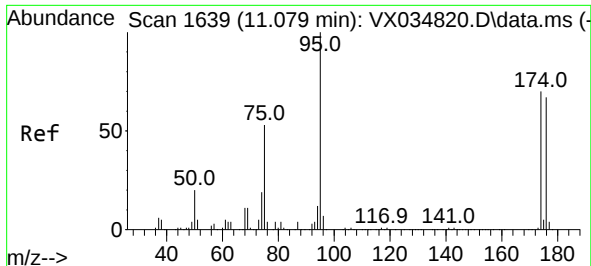
Tgt Ion: 43 Resp: 6889
Ion Ratio Lower Upper
43 100
58 37.8 30.6 46.0



#52
Toluene
Concen: 5.169 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035234.D
Acq: 21 Apr 2023 16:26

Tgt Ion: 92 Resp: 39683
Ion Ratio Lower Upper
92 100
91 169.1 136.8 205.2

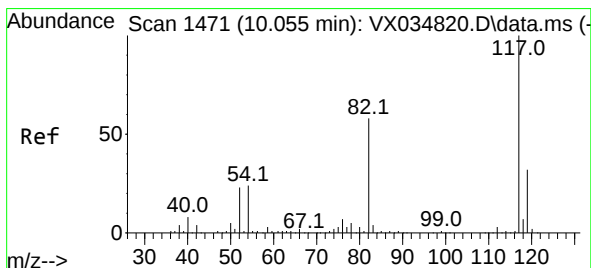
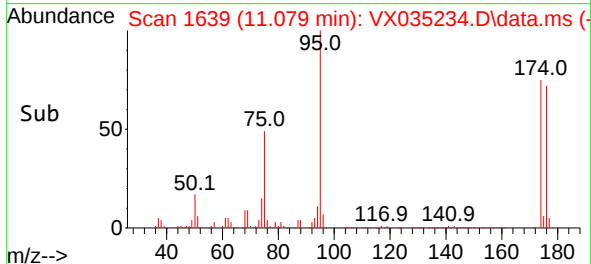
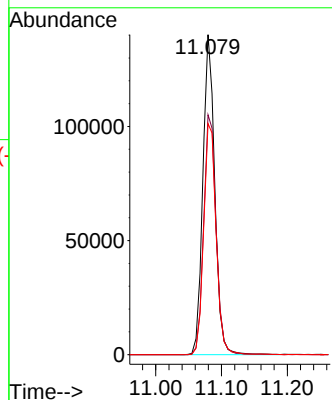
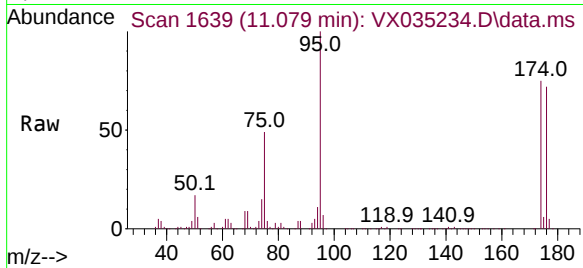




#62
4-Bromofluorobenzene
Concen: 44.633 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035234.D
Acq: 21 Apr 2023 16:26

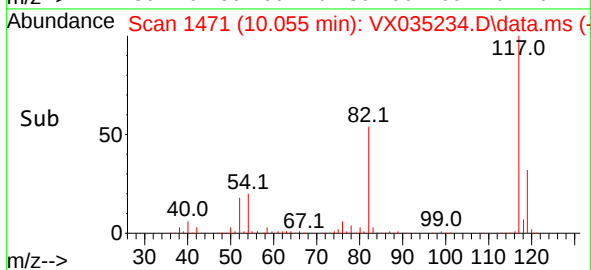
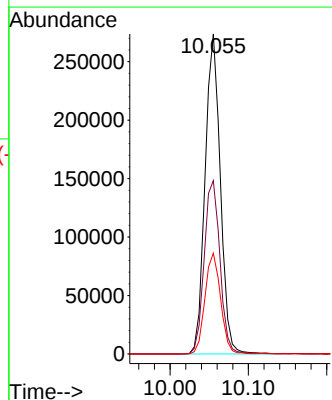
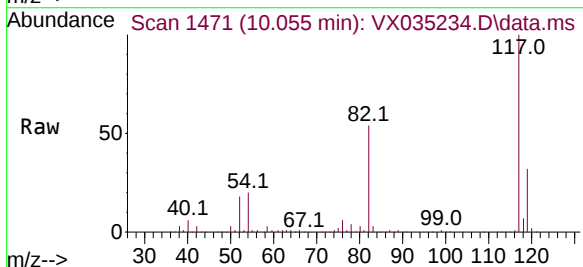
Instrument :
MSVOA_X
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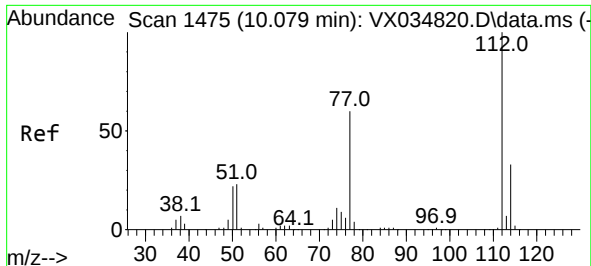
Tgt Ion: 95 Resp: 176503
Ion Ratio Lower Upper
95 100
174 78.2 0.0 147.4
176 75.4 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035234.D
Acq: 21 Apr 2023 16:26

Tgt Ion: 117 Resp: 369857
Ion Ratio Lower Upper
117 100
82 54.2 45.0 67.4
119 31.5 26.0 39.0

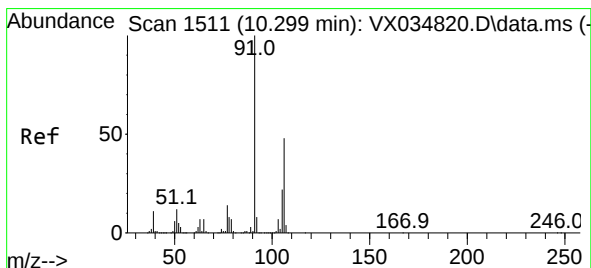
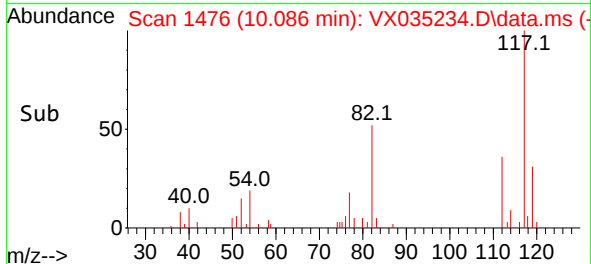
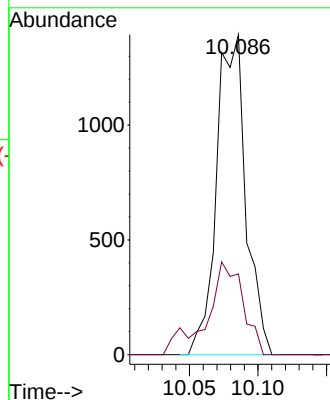
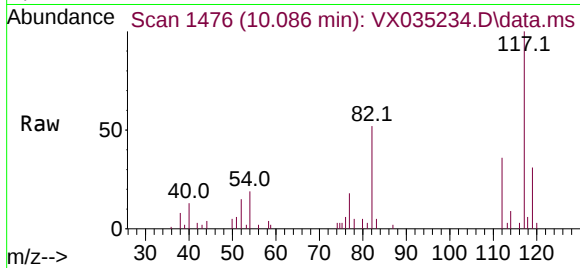




#65
Chlorobenzene
Concen: 0.269 ug/l
RT: 10.086 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX035234.D
Acq: 21 Apr 2023 16:26

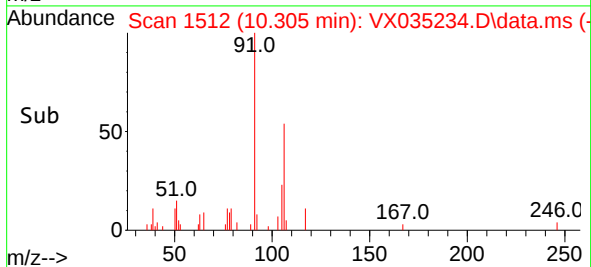
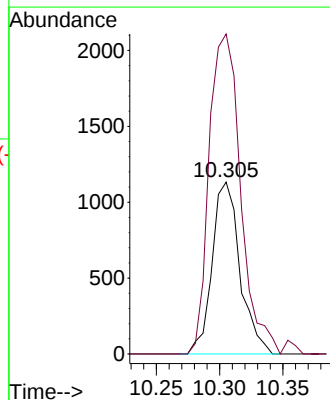
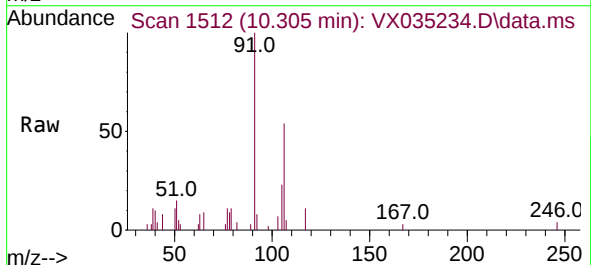
Instrument :
MSVOA_X
ClientSampleId :
COMP-1

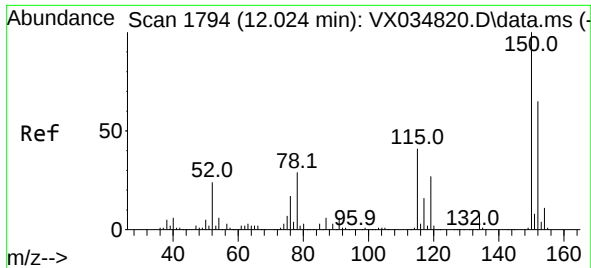
Tgt Ion:112 Resp: 2067
Ion Ratio Lower Upper
112 100
114 25.3 26.2 39.2#



#68
m/p-Xylenes
Concen: 0.325 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX035234.D
Acq: 21 Apr 2023 16:26

Tgt Ion:106 Resp: 1732
Ion Ratio Lower Upper
106 100
91 210.6 164.0 246.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035234.D

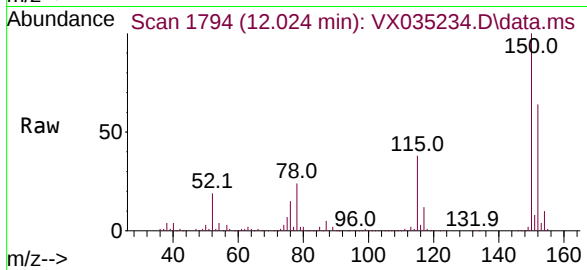
Acq: 21 Apr 2023 16:26

Instrument :

MSVOA_X

ClientSampleId :

COMP-1



Tgt Ion:152 Resp: 160164

Ion Ratio Lower Upper

152 100

115 61.0 45.0 135.0

150 156.5 0.0 352.4

