

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012924\
 Data File : VX039996.D
 Acq On : 29 Jan 2024 13:16
 Operator : JC/MD
 Sample : VX0129WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0129WBL01

Quant Time: Jan 30 02:44:52 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)

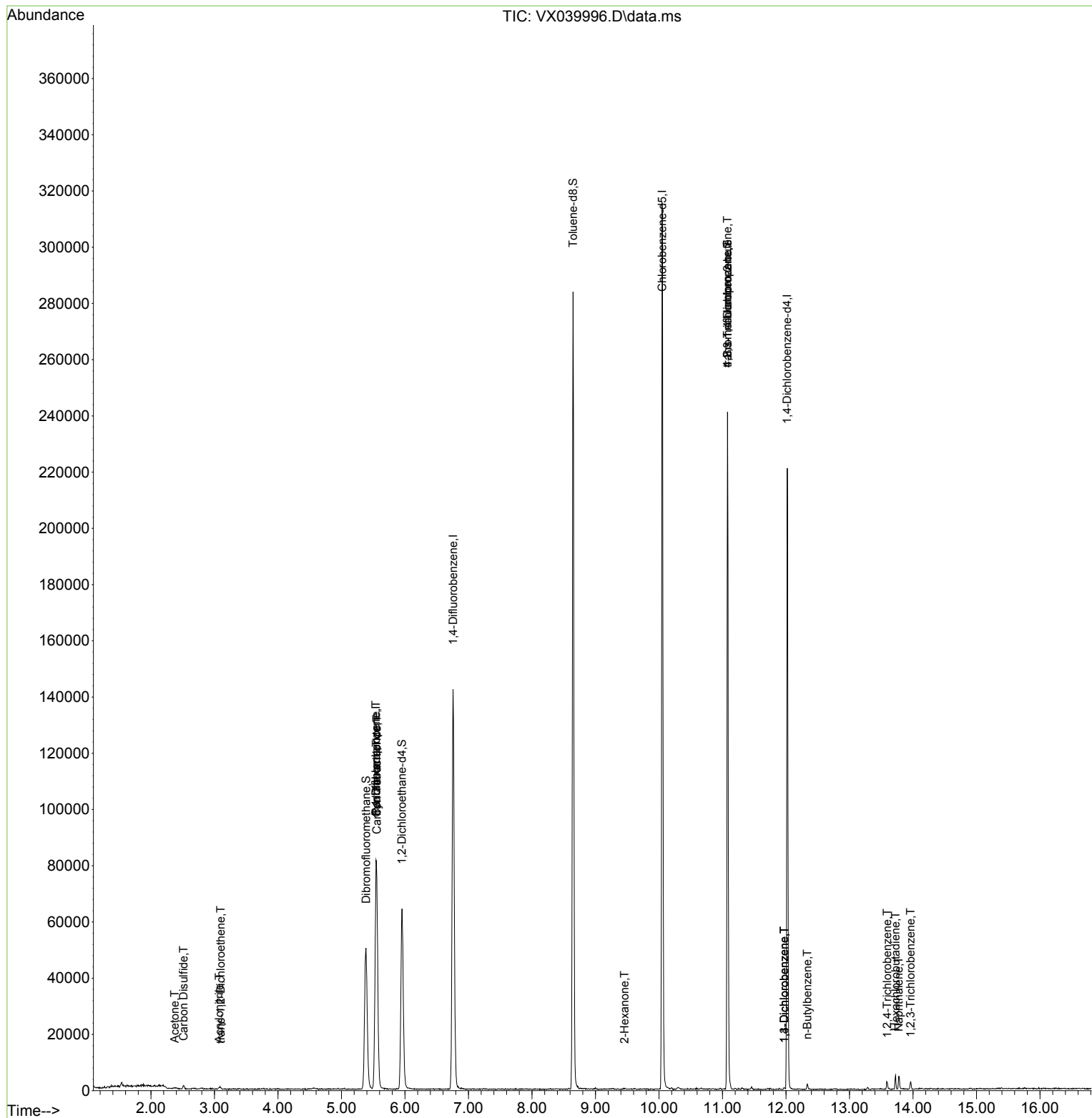
Internal Standards						
1) Pentafluorobenzene	5.544	168	70932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134916	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	133133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	37292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60762	51.137	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.280%
35) Dibromofluoromethane	5.385	113	43695	48.084	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.160%
50) Toluene-d8	8.647	98	162592	47.441	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.880%
62) 4-Bromofluorobenzene	11.079	95	63439	47.334	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.660%
Target Compounds						Qvalue
13) Acrolein	2.233	56	181	Below Cal	#	49
15) Acrylonitrile	3.075	53	410	0.642	ug/l #	86
16) Acetone	2.374	43	268	0.401	ug/l	98
17) Carbon Disulfide	2.514	76	1438	0.586	ug/l	96
21) trans-1,2-Dichloroethene	3.099	96	217	0.242	ug/l #	43
31) Cyclohexane	5.550	56	2132	1.360	ug/l #	35
36) 1,1-Dichloropropene	5.544	75	6668	4.714	ug/l #	51
38) Carbon Tetrachloride	5.556	117	8398	6.482	ug/l #	17
59) 2-Hexanone	9.458	43	325	0.215	ug/l	63
76) 1,2,3-Trichloropropane	11.079	75	34270	35.446	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	34270	96.927	ug/l #	5
87) 1,3-Dichlorobenzene	11.969	146	278	0.219	ug/l	84
88) 1,4-Dichlorobenzene	11.969	146	278	0.212	ug/l	85
89) n-Butylbenzene	12.335	91	900	0.373	ug/l	71
93) 1,2,4-Trichlorobenzene	13.591	180	939	1.227	ug/l	91
94) Hexachlorobutadiene	13.725	225	635	1.995	ug/l	90
95) Naphthalene	13.774	128	3526	1.251	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.963	180	714	0.924	ug/l	90

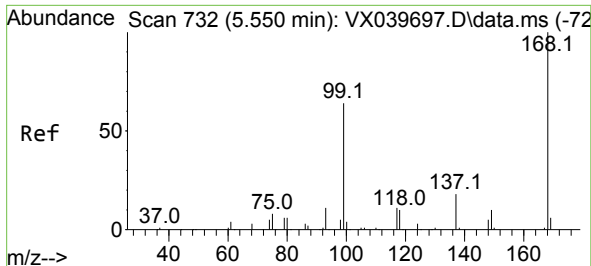
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012924\
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Quant Time: Jan 30 02:44:52 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

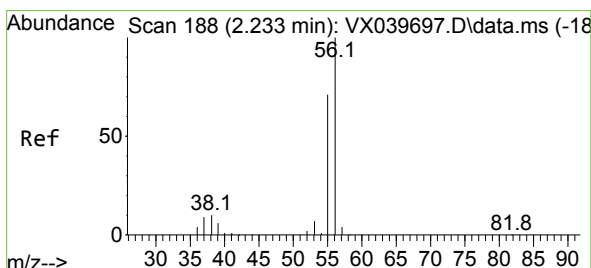
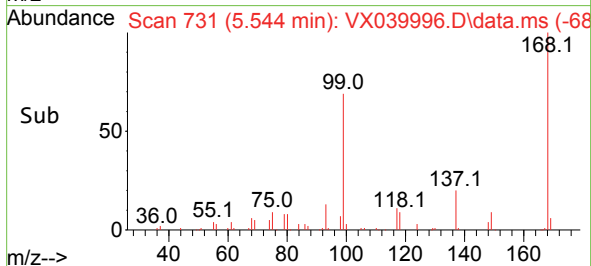
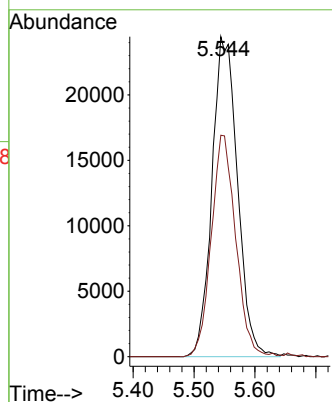
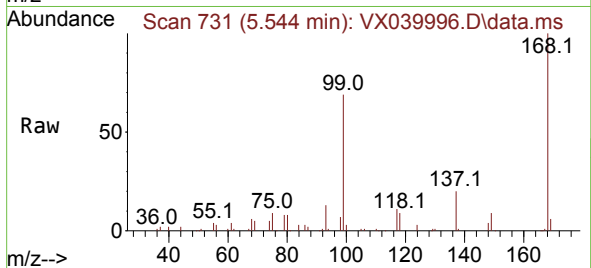




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX039996.D
Acq: 29 Jan 2024 13:16

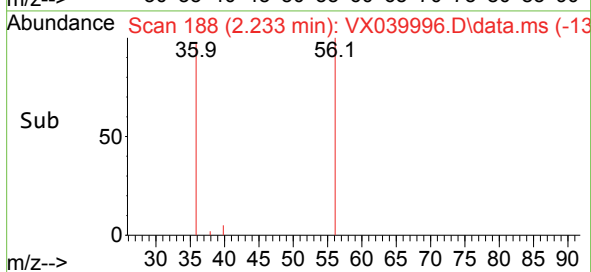
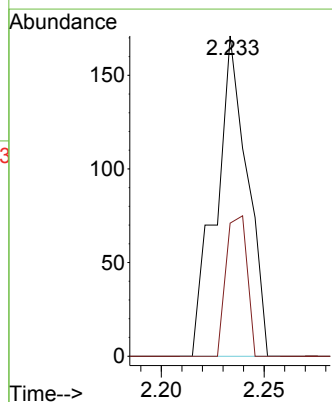
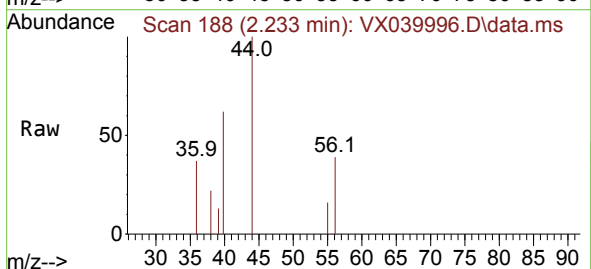
Instrument :
MSVOA_X
ClientSampleId :
VX0129WBL01

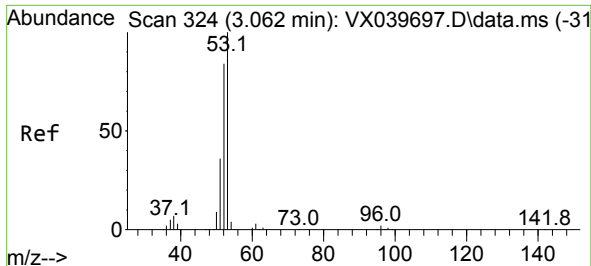
Tgt Ion:168 Resp: 70932
Ion Ratio Lower Upper
168 100
99 69.2 56.6 85.0



#13
Acrolein
Concen: Below Cal
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039996.D
Acq: 29 Jan 2024 13:16

Tgt Ion: 56 Resp: 181
Ion Ratio Lower Upper
56 100
55 29.3 57.1 85.7#

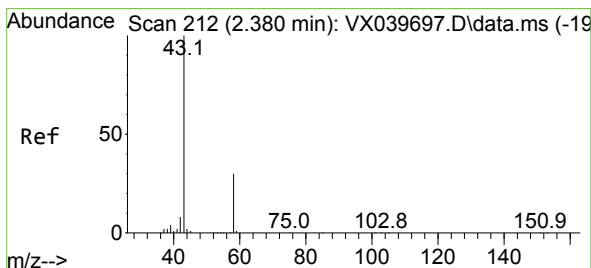
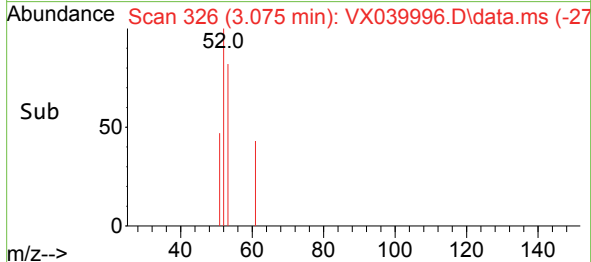
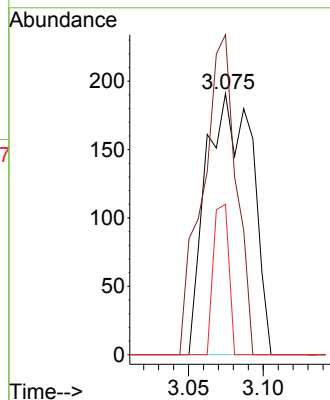
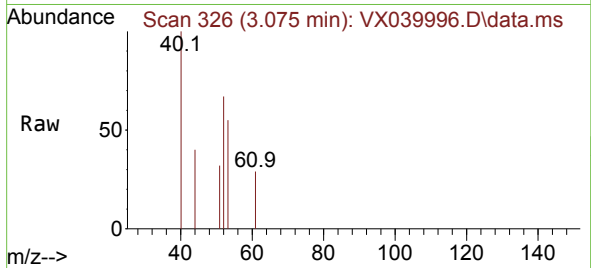




#15
Acrylonitrile
Concen: 0.642 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX039996.D
Acq: 29 Jan 2024 13:16

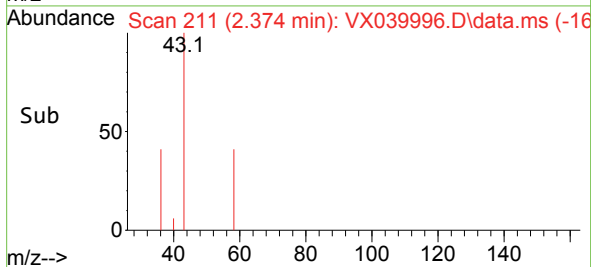
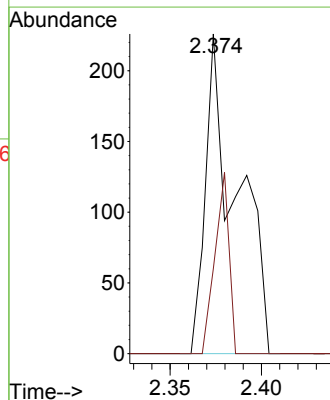
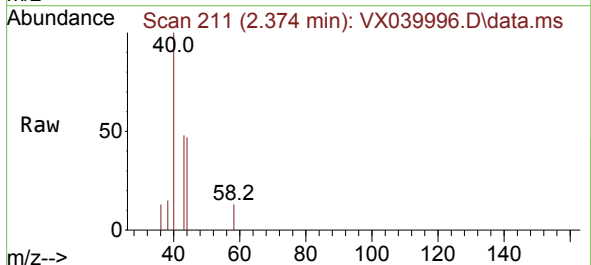
Instrument :
MSVOA_X
ClientSampleId :
VX0129WBL01

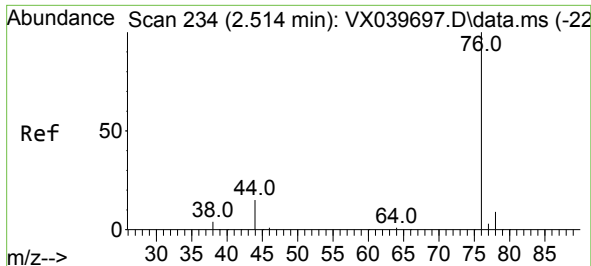
Tgt Ion: 53 Resp: 410
Ion Ratio Lower Upper
53 100
52 88.5 66.0 99.0
51 19.3 29.8 44.6#



#16
Acetone
Concen: 0.401 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039996.D
Acq: 29 Jan 2024 13:16

Tgt Ion: 43 Resp: 268
Ion Ratio Lower Upper
43 100
58 26.5 21.9 32.9

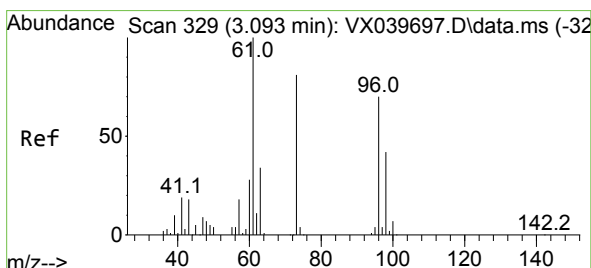
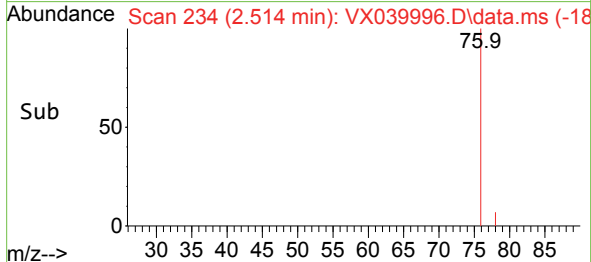
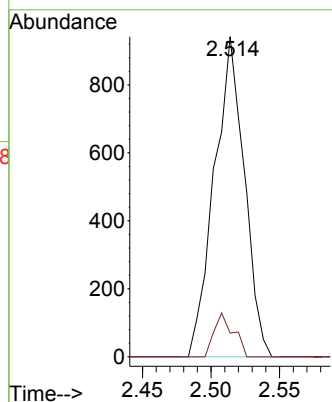
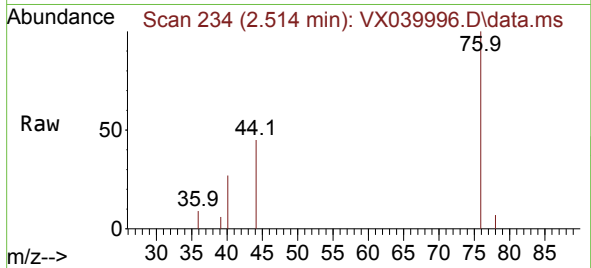




#17
Carbon Disulfide
Concen: 0.586 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039996.D
Acq: 29 Jan 2024 13:16

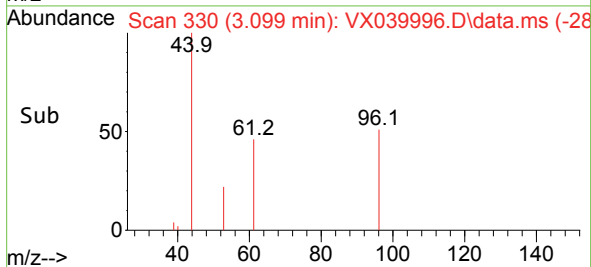
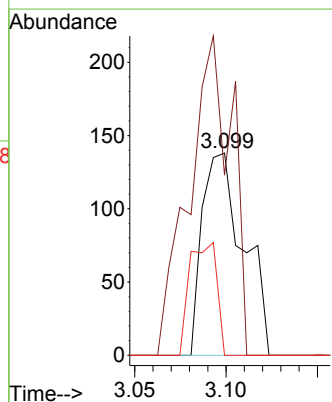
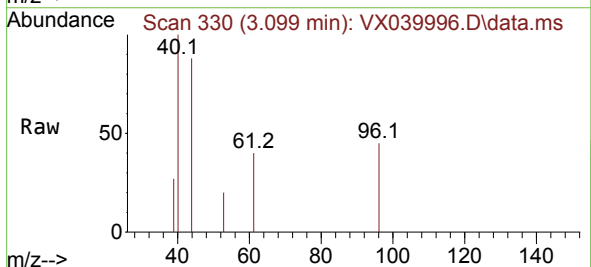
Instrument :
MSVOA_X
ClientSampleId :
VX0129WBL01

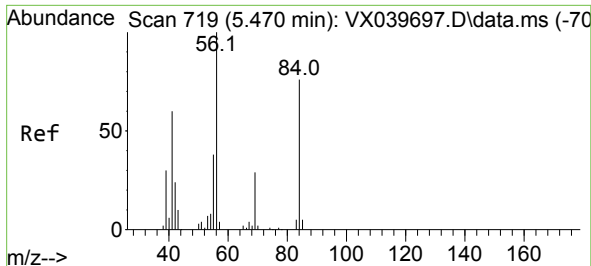
Tgt Ion: 76 Resp: 1438
Ion Ratio Lower Upper
76 100
78 7.4 7.0 10.6



#21
trans-1,2-Dichloroethene
Concen: 0.242 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX039996.D
Acq: 29 Jan 2024 13:16

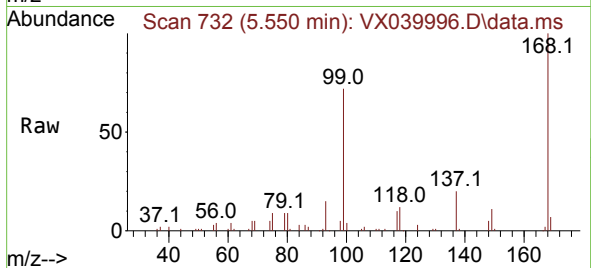
Tgt Ion: 96 Resp: 217
Ion Ratio Lower Upper
96 100
61 89.1 119.2 178.8#
98 0.0 48.7 73.1#



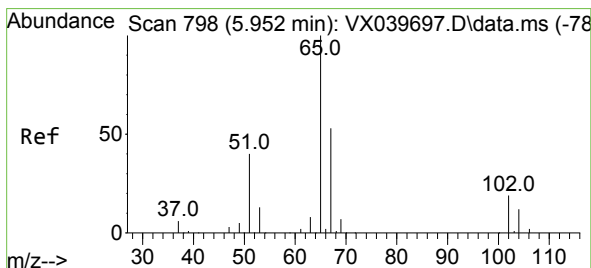
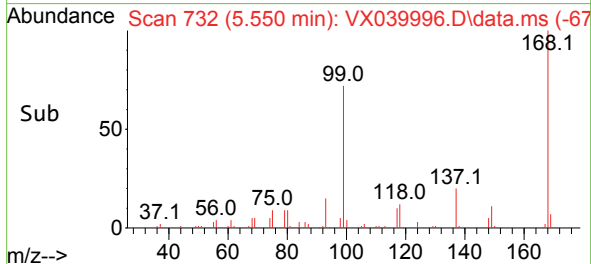
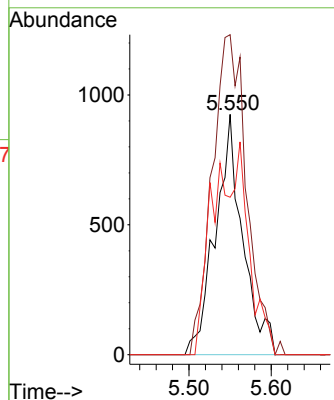


#31
Cyclohexane
Concen: 1.360 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX039996.D
Acq: 29 Jan 2024 13:16

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBL01

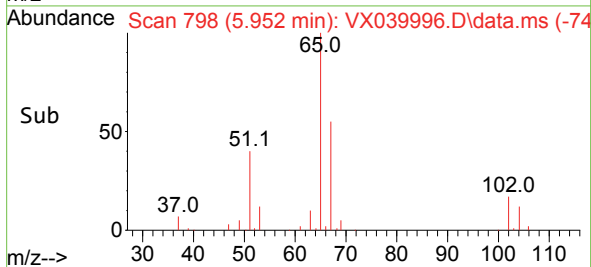
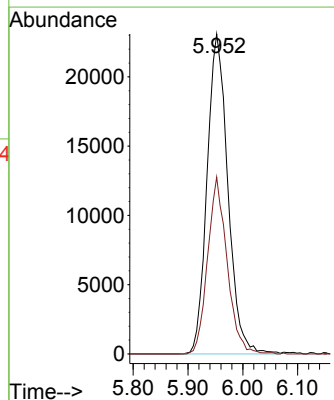
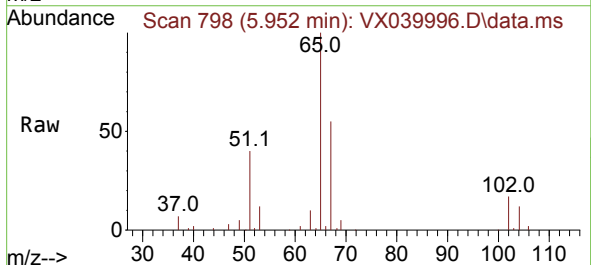


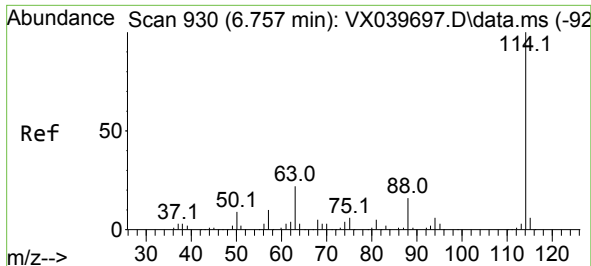
Tgt Ion: 56 Resp: 2132
Ion Ratio Lower Upper
56 100
69 133.2 23.4 35.2#
84 65.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 51.137 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039996.D
Acq: 29 Jan 2024 13:16

Tgt Ion: 65 Resp: 60762
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2

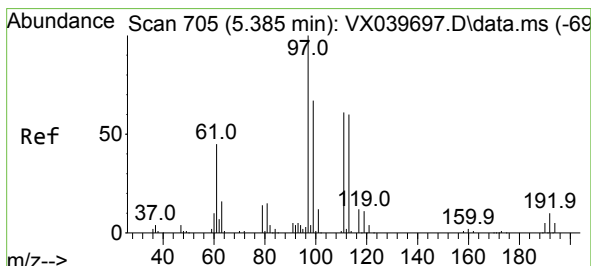
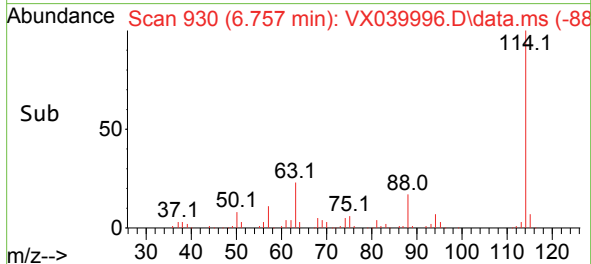
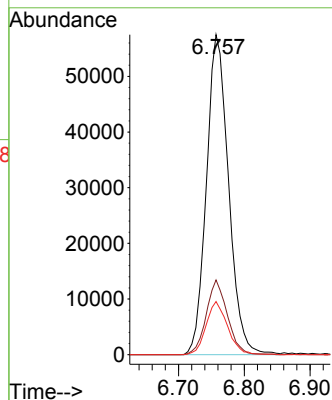
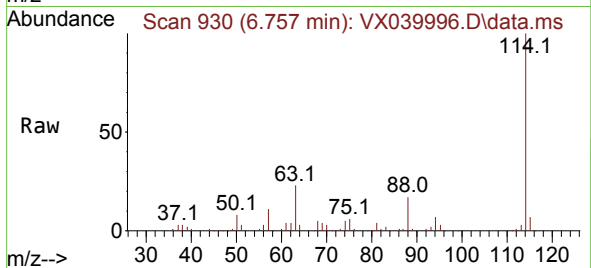




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX039996.D
Acq: 29 Jan 2024 13:16

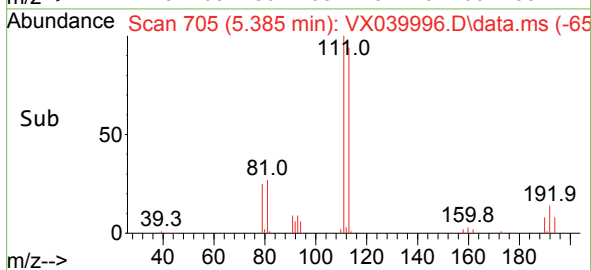
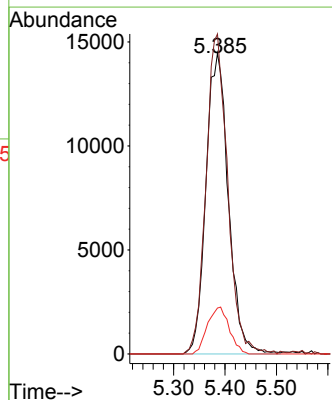
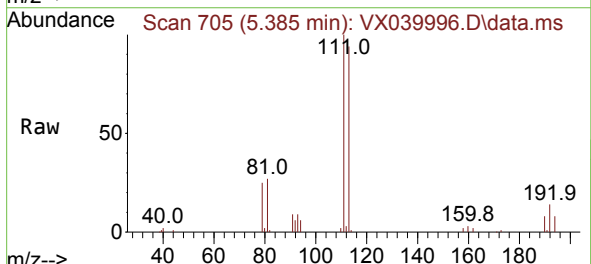
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MSVOA_X
ClientSampleId :
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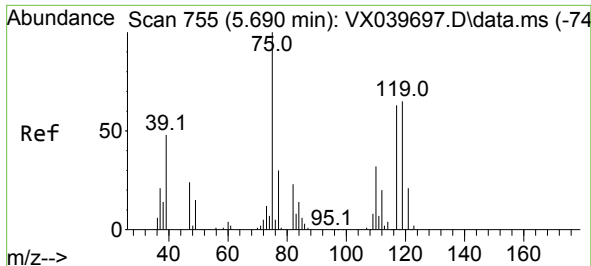
Tgt Ion:114 Resp: 134916
Ion Ratio Lower Upper
114 100
63 23.4 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.084 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039996.D
Acq: 29 Jan 2024 13:16

Tgt Ion:113 Resp: 43695
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 15.2 13.3 19.9

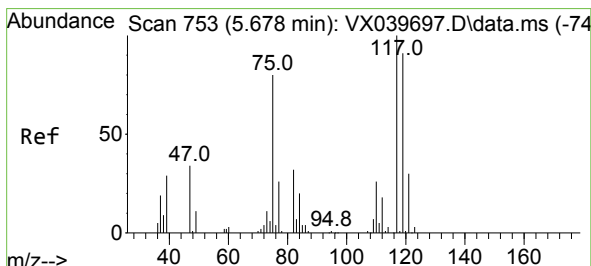
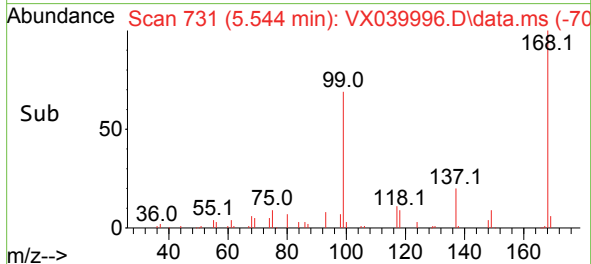
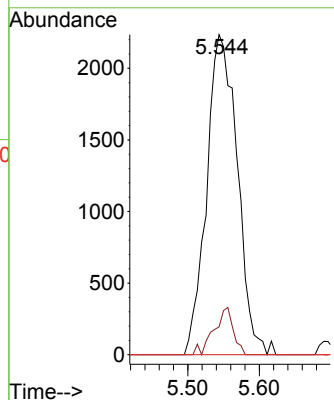
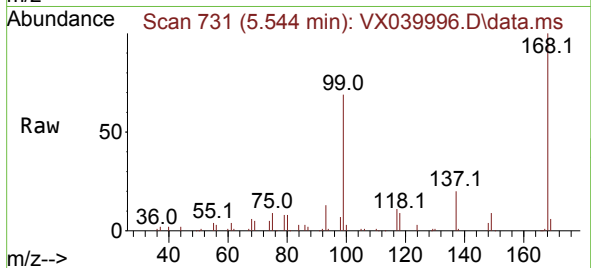




#36
1,1-Dichloropropene
Concen: 4.714 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX039996.D
Acq: 29 Jan 2024 13:16

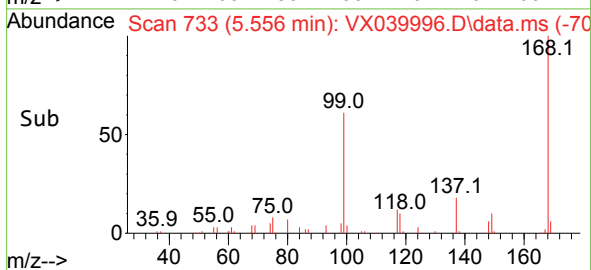
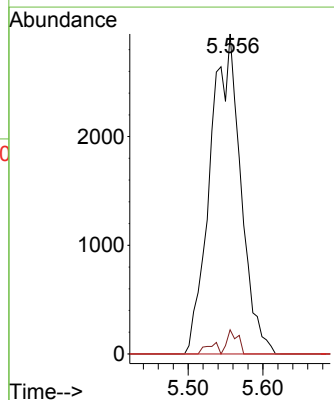
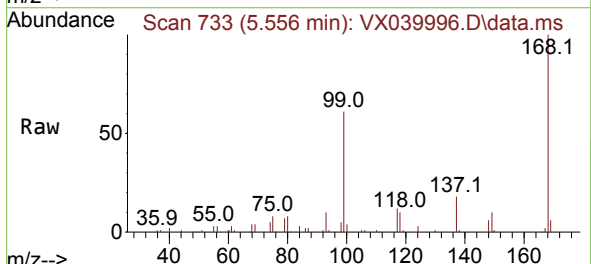
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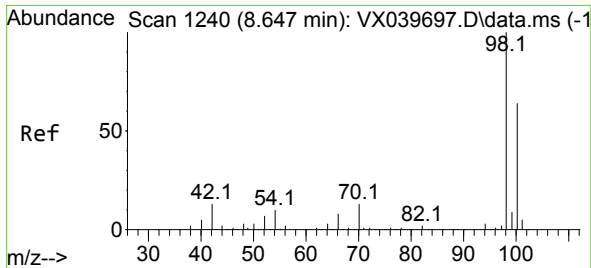
Tgt Ion: 75 Resp: 6668
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.482 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX039996.D
Acq: 29 Jan 2024 13:16

Tgt Ion: 117 Resp: 8398
Ion Ratio Lower Upper
117 100
119 7.6 78.2 117.2#
121 0.0 24.4 36.6#

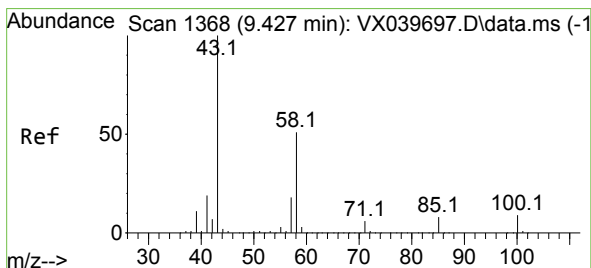
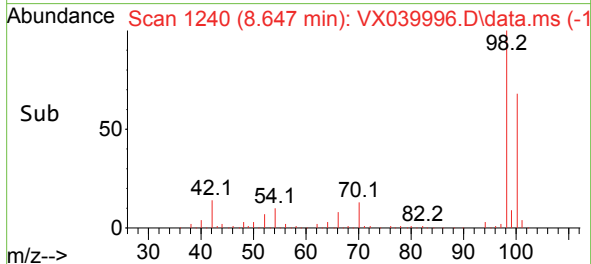
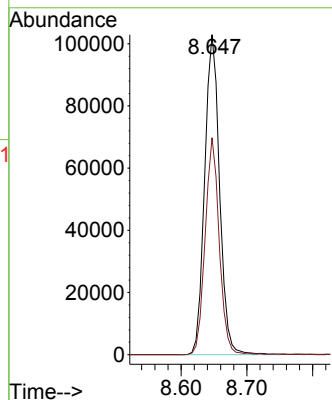
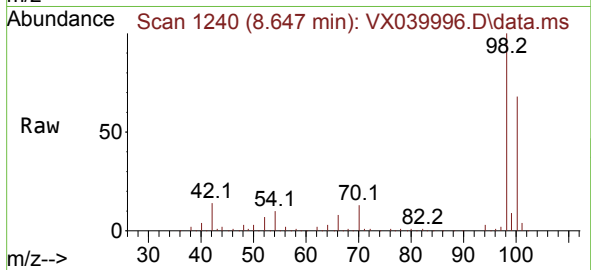




#50
Toluene-d8
Concen: 47.441 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039996.D
Acq: 29 Jan 2024 13:16

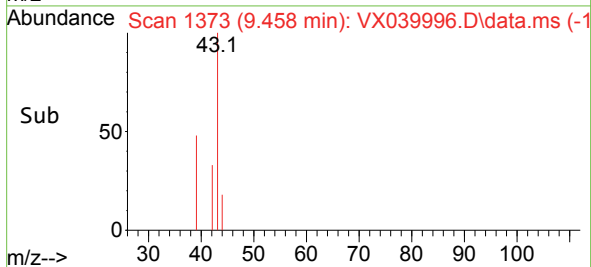
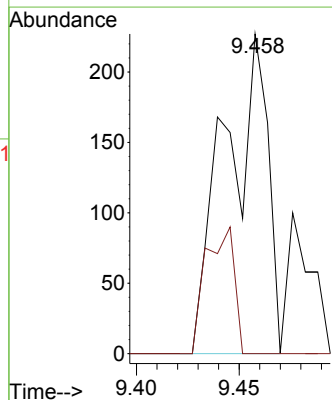
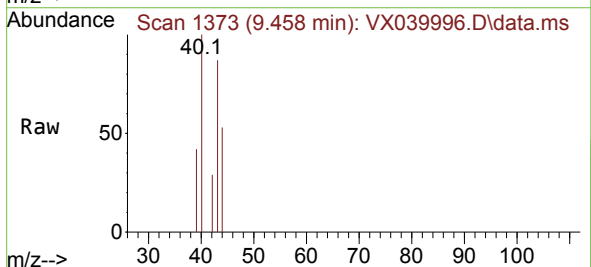
Instrument :
MSVOA_X
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VX0129WBL01

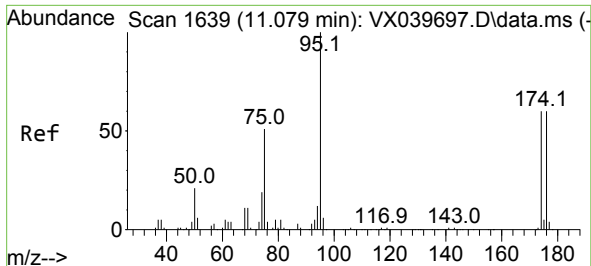
Tgt Ion: 98 Resp: 162592
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#59
2-Hexanone
Concen: 0.215 ug/l
RT: 9.458 min Scan# 1373
Delta R.T. 0.031 min
Lab File: VX039996.D
Acq: 29 Jan 2024 13:16

Tgt Ion: 43 Resp: 325
Ion Ratio Lower Upper
43 100
58 26.5 26.2 78.5

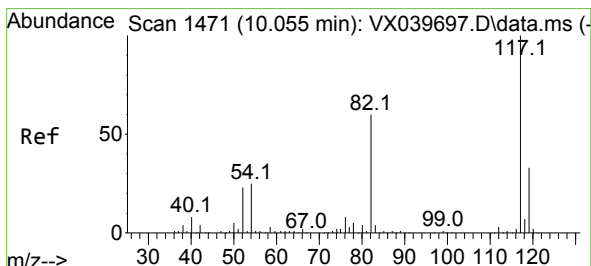
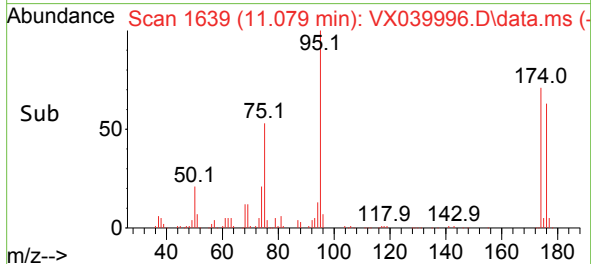
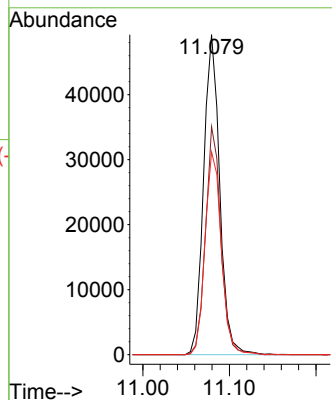
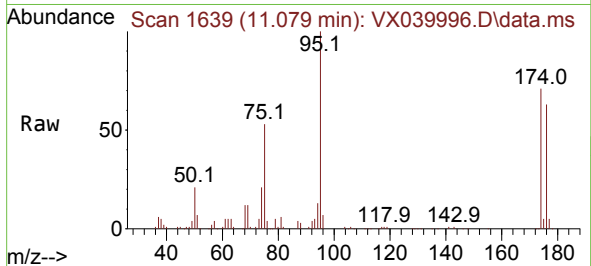




#62
4-Bromofluorobenzene
Concen: 47.334 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039996.D
Acq: 29 Jan 2024 13:16

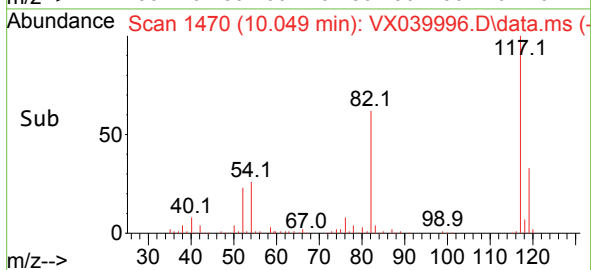
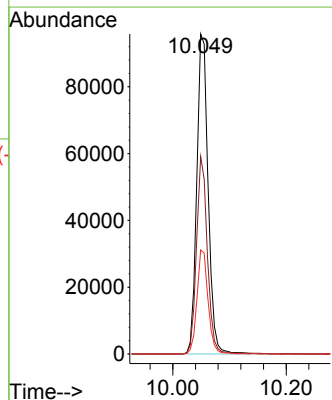
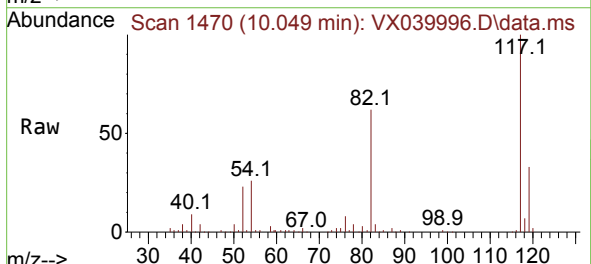
Instrument :
MSVOA_X
ClientSampleId :
VX0129WBL01

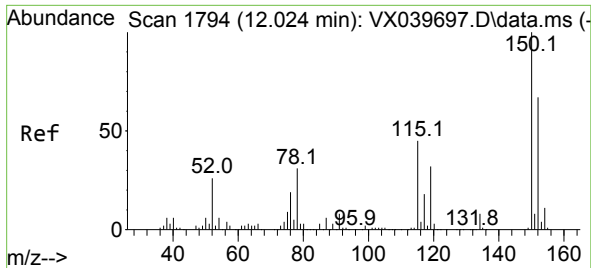
Tgt Ion: 95 Resp: 63439
Ion Ratio Lower Upper
95 100
174 68.1 0.0 135.6
176 64.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX039996.D
Acq: 29 Jan 2024 13:16

Tgt Ion:117 Resp: 133133
Ion Ratio Lower Upper
117 100
82 61.7 46.2 69.4
119 32.5 25.5 38.3

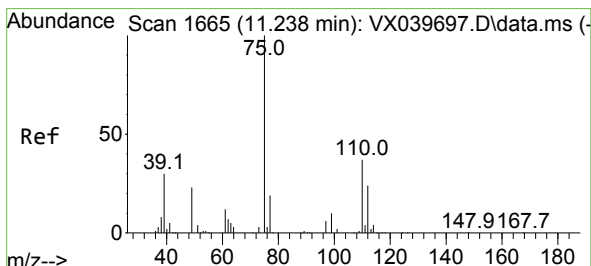
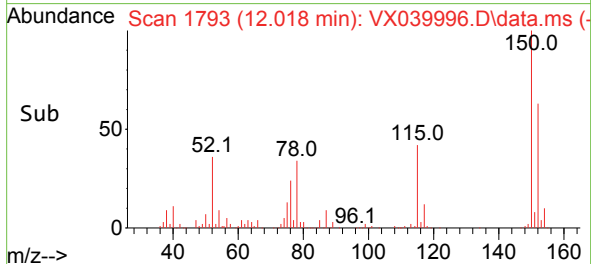
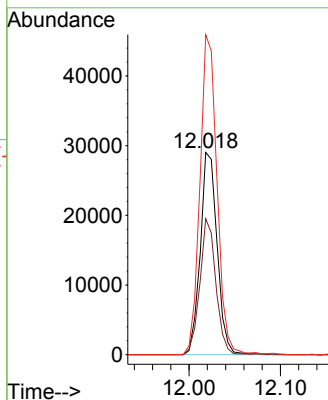
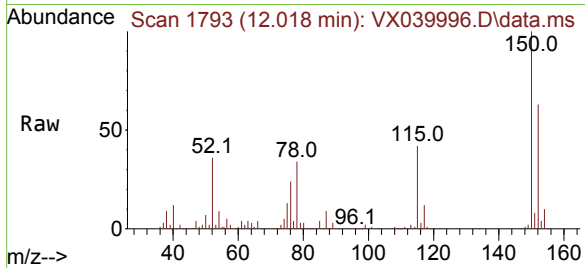




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX039996.D
 Acq: 29 Jan 2024 13:16

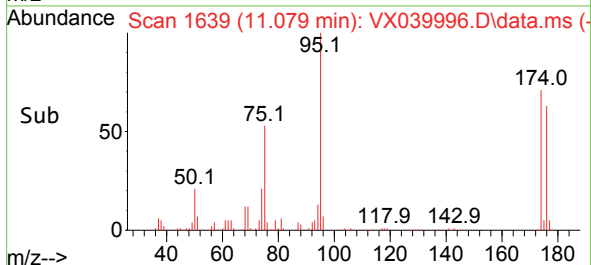
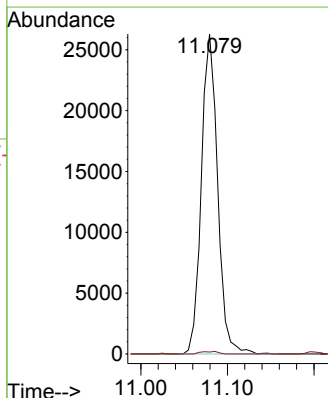
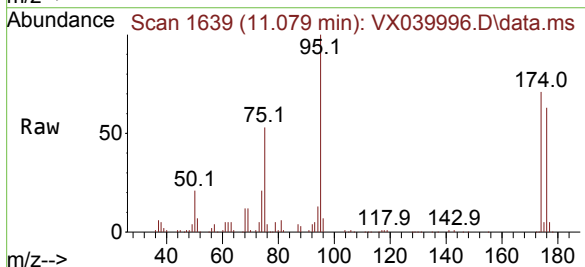
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0129WBL01

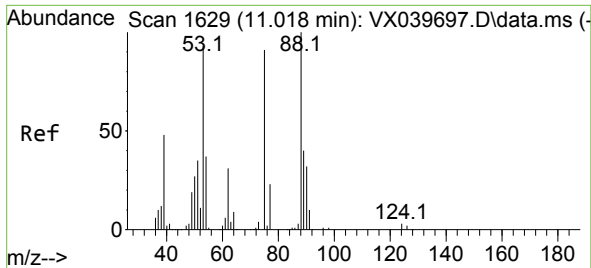
Tgt Ion:152 Resp: 37292
 Ion Ratio Lower Upper
 152 100
 115 64.1 43.3 129.9
 150 160.3 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 35.446 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX039996.D
 Acq: 29 Jan 2024 13:16

Tgt Ion: 75 Resp: 34270
 Ion Ratio Lower Upper
 75 100
 77 0.8 19.1 57.5#

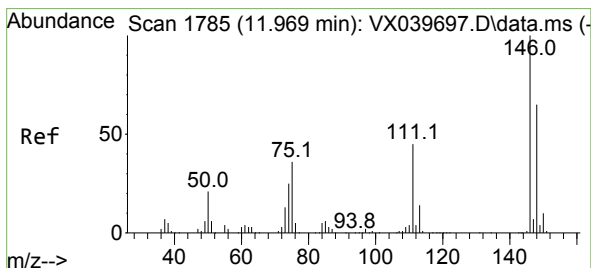
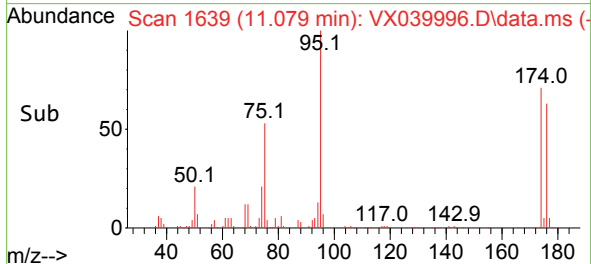
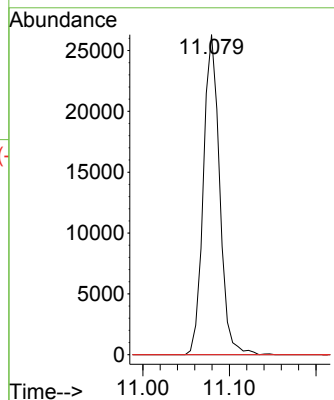
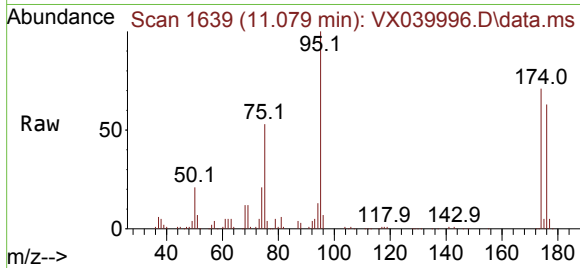




#81
trans-1,4-Dichloro-2-butene
Concen: 96.927 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039996.D
Acq: 29 Jan 2024 13:16

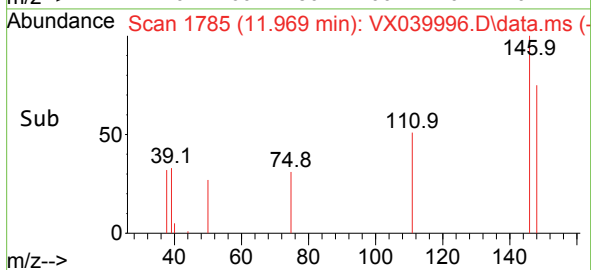
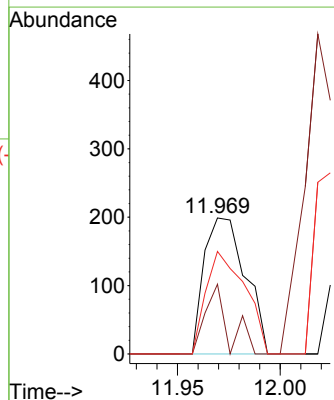
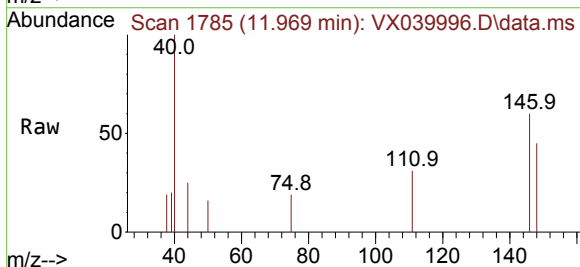
Instrument :
MSVOA_X
ClientSampleId :
VX0129WBL01

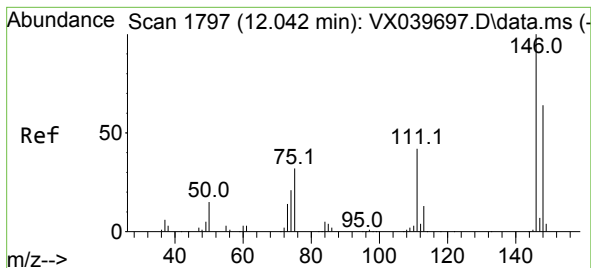
Tgt Ion: 75 Resp: 34270
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#87
1,3-Dichlorobenzene
Concen: 0.219 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039996.D
Acq: 29 Jan 2024 13:16

Tgt Ion:146 Resp: 278
Ion Ratio Lower Upper
146 100
111 28.8 22.1 66.1
148 71.6 31.8 95.3





#88

1,4-Dichlorobenzene

Concen: 0.212 ug/l

RT: 11.969 min Scan# 11

Delta R.T. -0.073 min

Lab File: VX039996.D

Acq: 29 Jan 2024 13:16

Instrument :

MSVOA_X

ClientSampleId :

VX0129WBL01

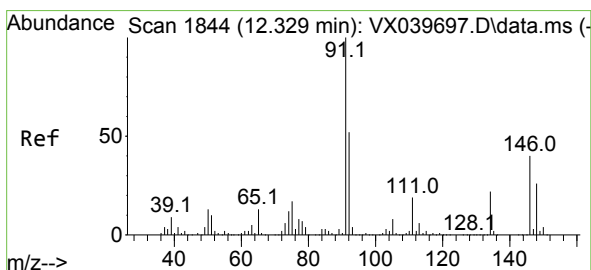
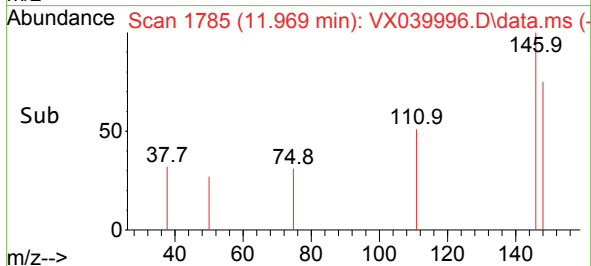
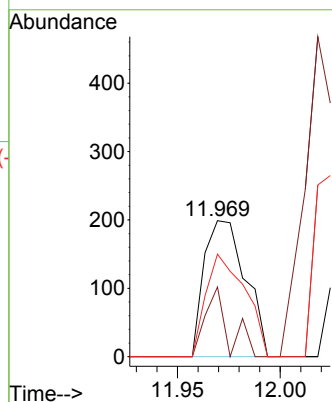
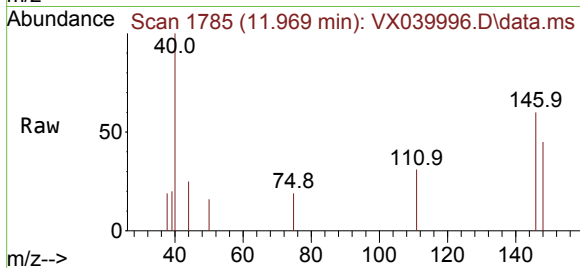
Tgt Ion:146 Resp: 278

Ion Ratio Lower Upper

146 100

111 28.8 21.3 63.7

148 71.6 31.8 95.4



#89

n-Butylbenzene

Concen: 0.373 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX039996.D

Acq: 29 Jan 2024 13:16

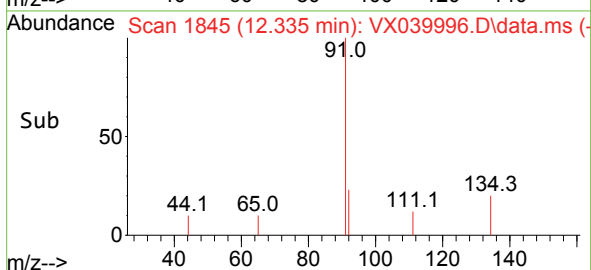
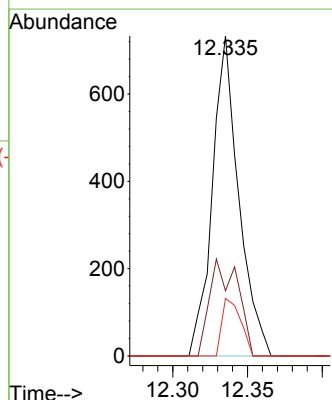
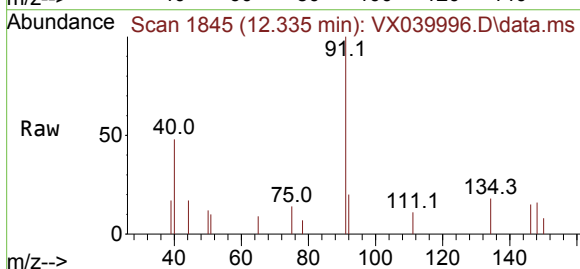
Tgt Ion: 91 Resp: 900

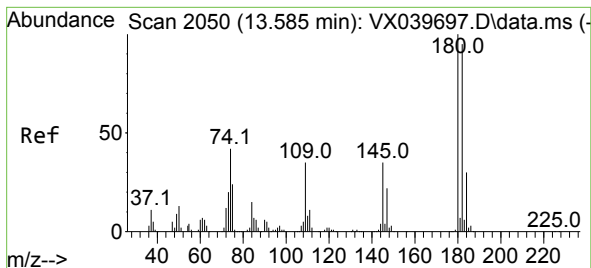
Ion Ratio Lower Upper

91 100

92 32.1 27.4 82.0

134 12.7 12.6 37.8





#93

1,2,4-Trichlorobenzene

Concen: 1.227 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX039996.D

Acq: 29 Jan 2024 13:16

Instrument :

MSVOA_X

ClientSampleId :

VX0129WBL01

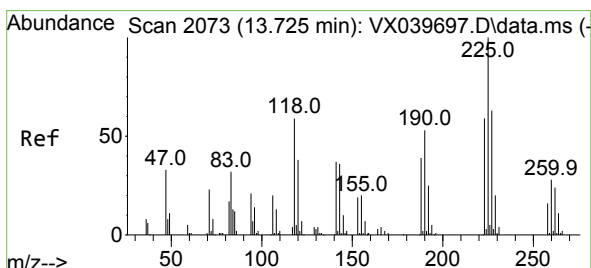
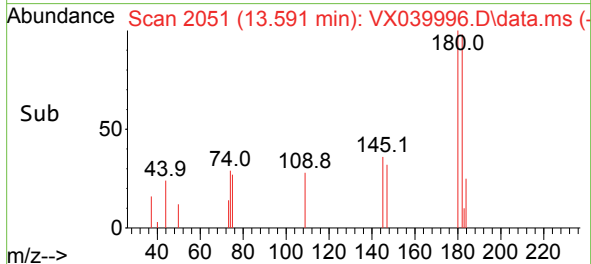
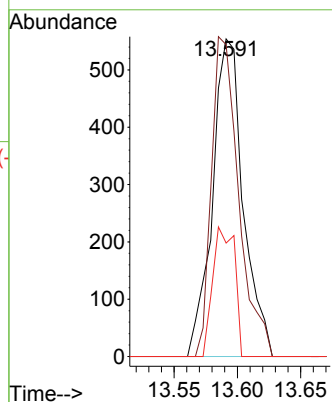
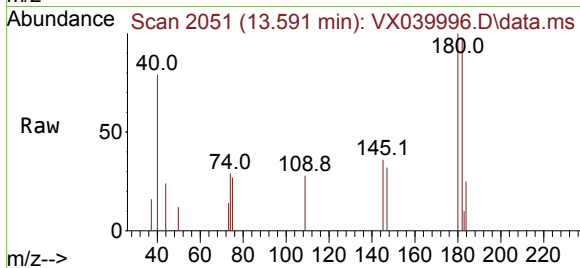
Tgt Ion:180 Resp: 939

Ion Ratio Lower Upper

180 100

182 88.8 48.3 144.8

145 28.9 18.0 54.0



#94

Hexachlorobutadiene

Concen: 1.995 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX039996.D

Acq: 29 Jan 2024 13:16

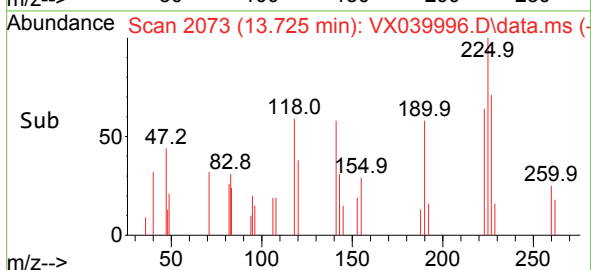
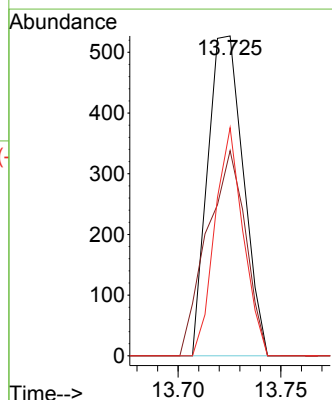
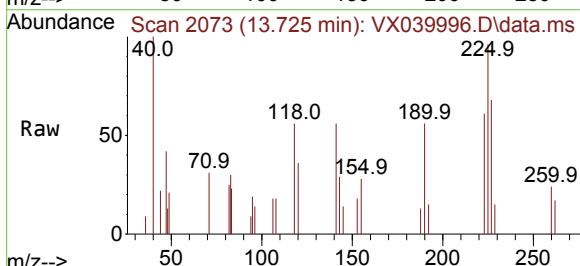
Tgt Ion:225 Resp: 635

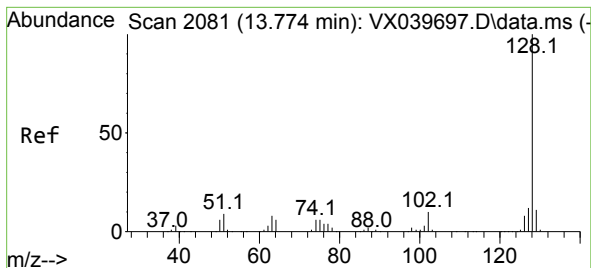
Ion Ratio Lower Upper

225 100

223 69.3 31.1 93.2

227 56.9 32.5 97.5





#95

Naphthalene

Concen: 1.251 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039996.D

Acq: 29 Jan 2024 13:16

Instrument :

MSVOA_X

ClientSampleId :

VX0129WBL01

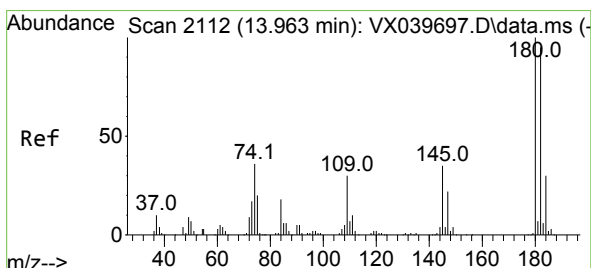
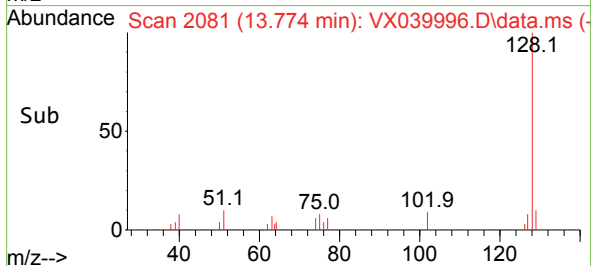
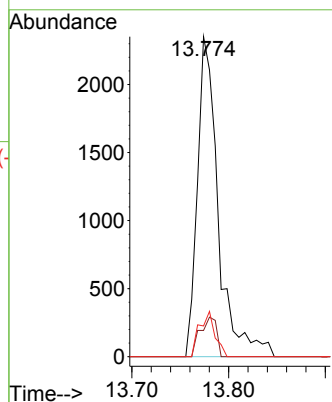
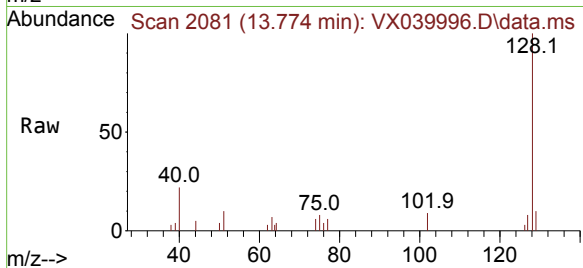
Tgt Ion:128 Resp: 3526

Ion Ratio Lower Upper

128 100

127 9.8 10.3 15.5#

129 10.6 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.924 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX039996.D

Acq: 29 Jan 2024 13:16

Tgt Ion:180 Resp: 714

Ion Ratio Lower Upper

180 100

182 104.8 46.9 140.6

145 38.2 17.8 53.5

