

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012424\
 Data File : VX039924.D
 Acq On : 24 Jan 2024 10:25
 Operator : JC/MD
 Sample : VX0124MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124MBL01

Quant Time: Jan 25 01:34:06 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)

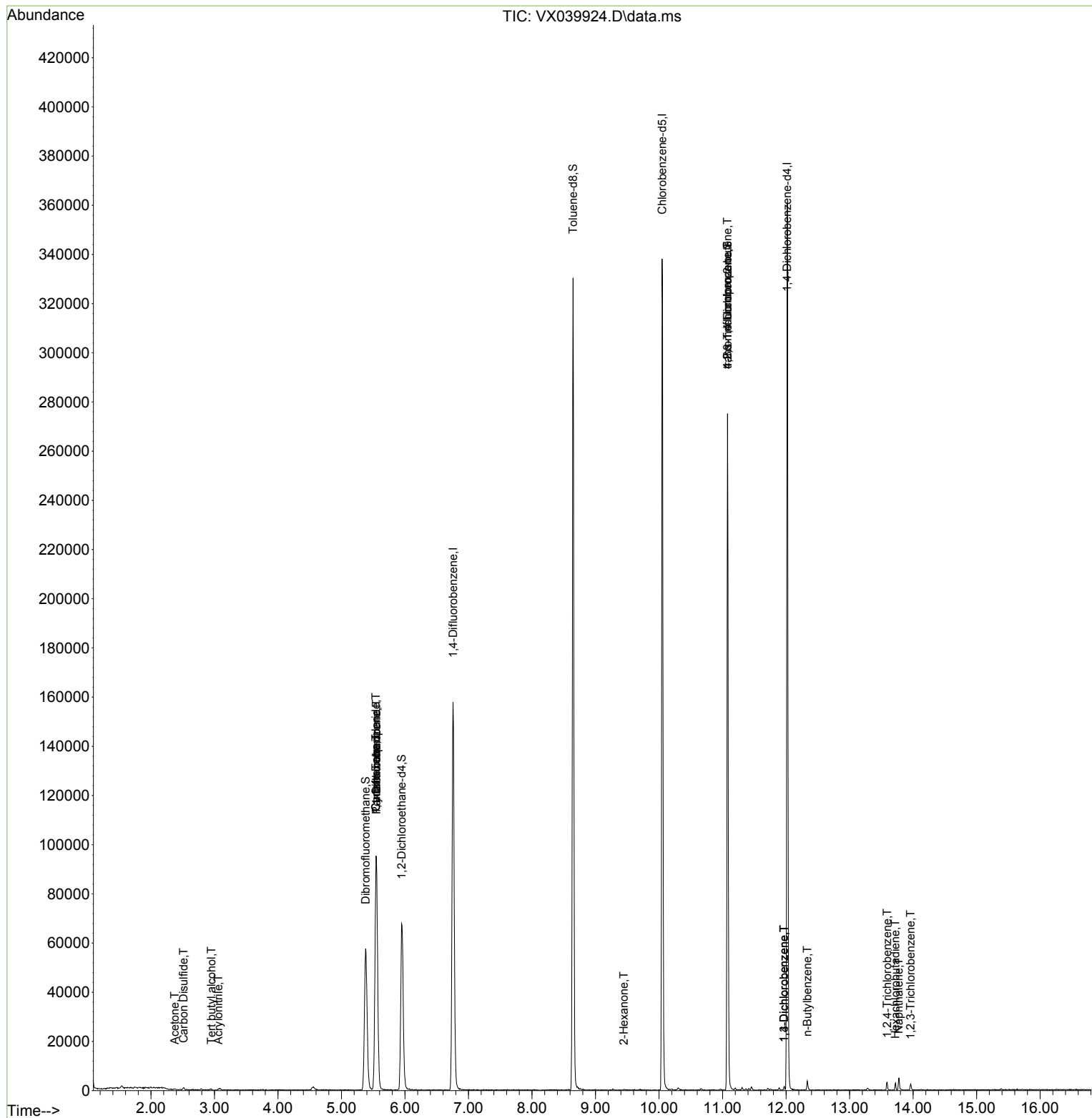
Internal Standards						
1) Pentafluorobenzene	5.550	168	83221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	151118	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	141344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	68468	49.114	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.220%
35) Dibromofluoromethane	5.379	113	49500	48.632	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.260%
50) Toluene-d8	8.647	98	185143	48.229	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.460%
62) 4-Bromofluorobenzene	11.079	95	70801	47.164	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.320%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	269	0.741	ug/l #	78
13) Acrolein	2.239	56	135	Below Cal	#	14
15) Acrylonitrile	3.062	53	408	0.544	ug/l #	89
16) Acetone	2.373	43	352	0.449	ug/l	90
17) Carbon Disulfide	2.514	76	1183	0.411	ug/l #	76
31) Cyclohexane	5.544	56	2540	1.381	ug/l #	32
36) 1,1-Dichloropropene	5.550	75	7736	4.883	ug/l #	50
38) Carbon Tetrachloride	5.544	117	9427	6.497	ug/l #	18
59) 2-Hexanone	9.445	43	399	0.236	ug/l #	54
76) 1,2,3-Trichloropropane	11.079	75	40988	23.857	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	40988	68.604	ug/l #	5
87) 1,3-Dichlorobenzene	11.969	146	522	0.232	ug/l	88
88) 1,4-Dichlorobenzene	11.969	146	522	0.224	ug/l	87
89) n-Butylbenzene	12.335	91	1552	0.362	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	913	0.671	ug/l	89
94) Hexachlorobutadiene	13.719	225	488	0.863	ug/l	88
95) Naphthalene	13.774	128	3367	0.672	ug/l	95
96) 1,2,3-Trichlorobenzene	13.963	180	819	0.596	ug/l	93

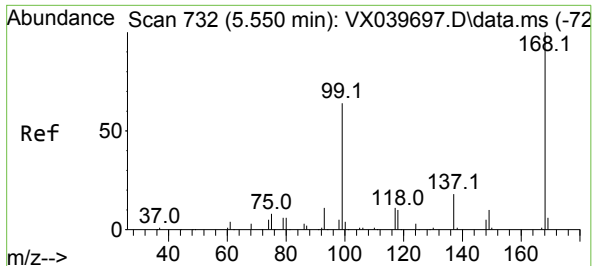
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
VX0124MBL01

Quant Time: Jan 25 01:34:06 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

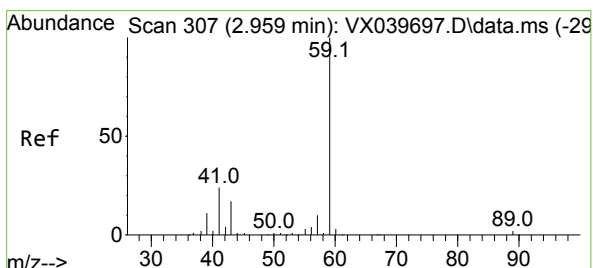
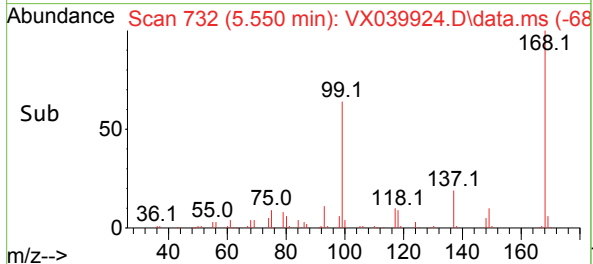
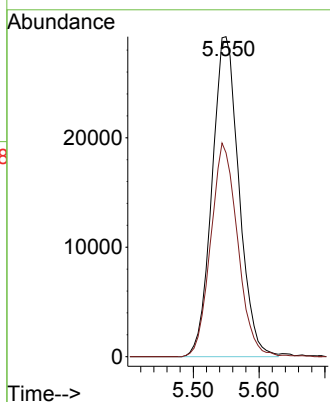
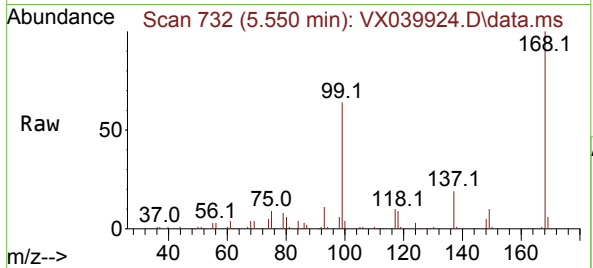




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039924.D
Acq: 24 Jan 2024 10:25

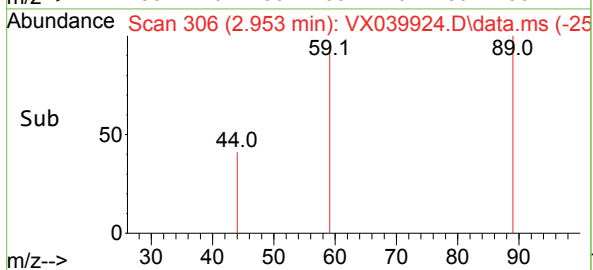
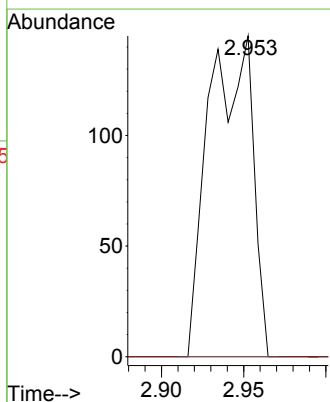
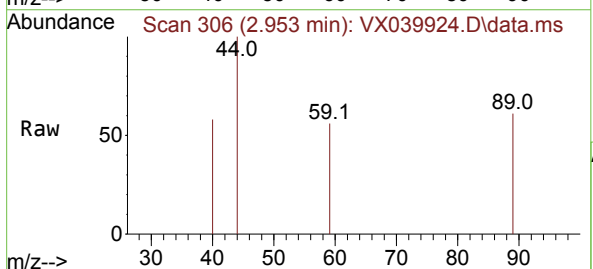
Instrument :
MSVOA_X
ClientSampleId :
VX0124MBL01

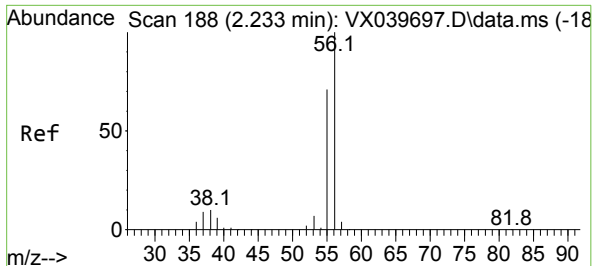
Tgt Ion:168 Resp: 83221
Ion Ratio Lower Upper
168 100
99 63.7 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.741 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX039924.D
Acq: 24 Jan 2024 10:25

Tgt Ion: 59 Resp: 269
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

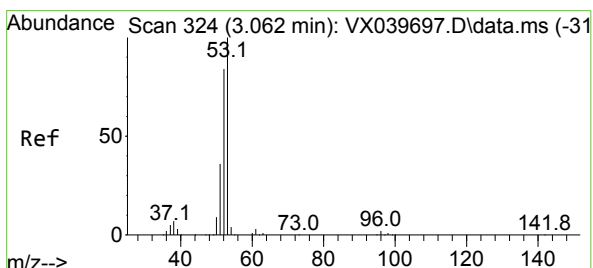
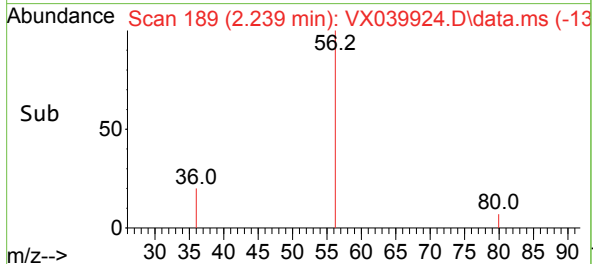
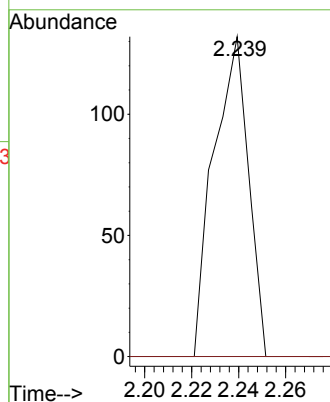
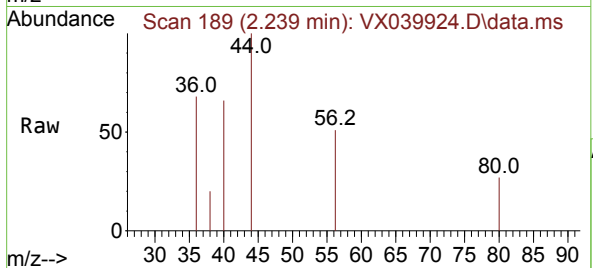




#13
Acrolein
Concen: Below Cal
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX039924.D
Acq: 24 Jan 2024 10:25

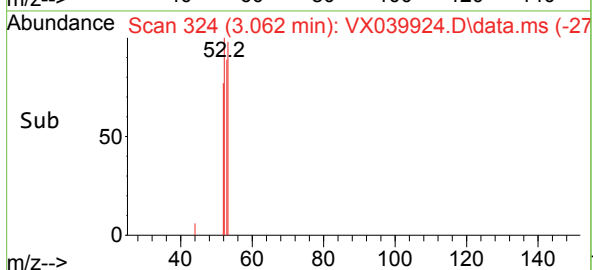
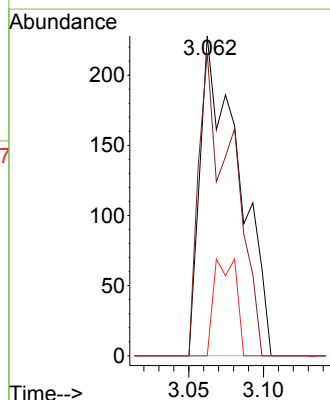
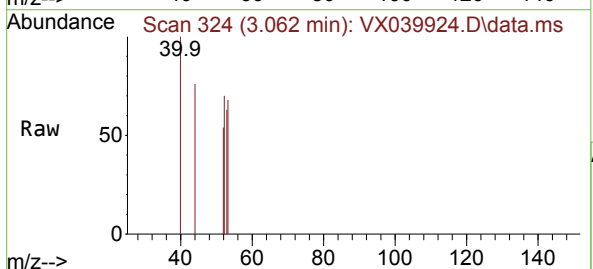
Instrument :
MSVOA_X
ClientSampleId :
VX0124MBL01

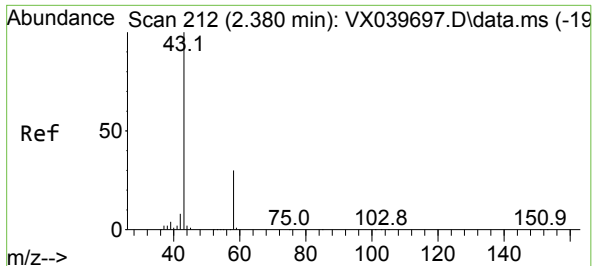
Tgt Ion: 56 Resp: 135
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#15
Acrylonitrile
Concen: 0.544 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.000 min
Lab File: VX039924.D
Acq: 24 Jan 2024 10:25

Tgt Ion: 53 Resp: 408
Ion Ratio Lower Upper
53 100
52 82.8 66.0 99.0
51 17.4 29.8 44.6#

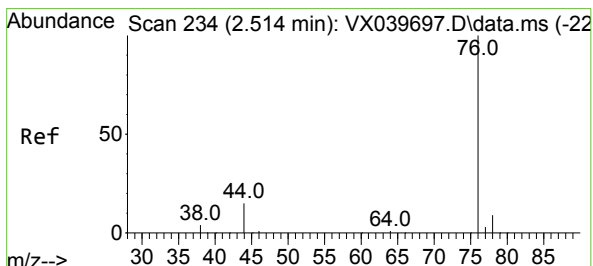
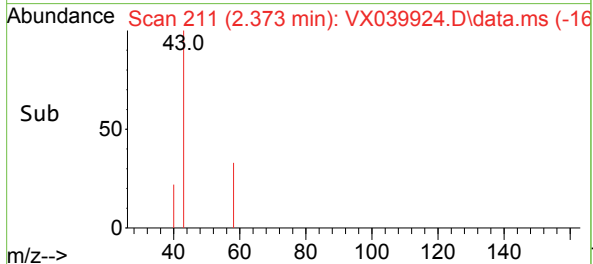
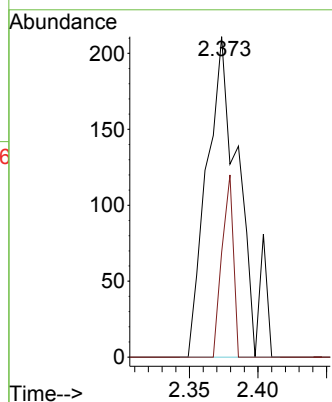
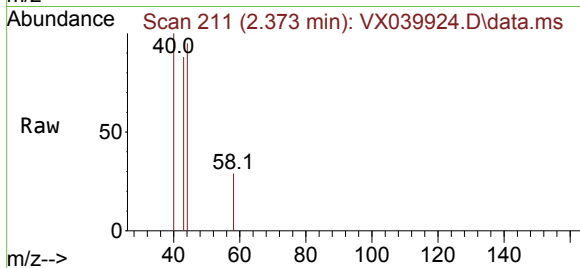




#16
Acetone
Concen: 0.449 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039924.D
Acq: 24 Jan 2024 10:25

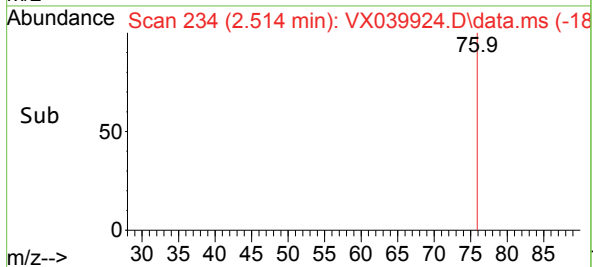
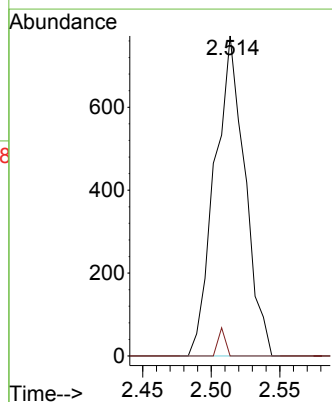
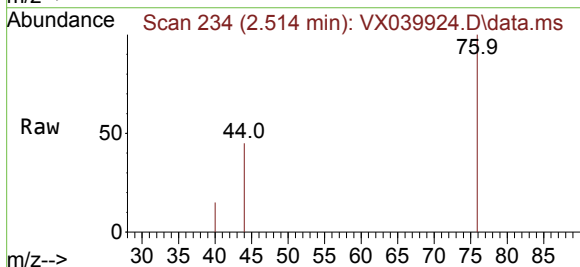
Instrument :
MSVOA_X
ClientSampleId :
VX0124MBL01

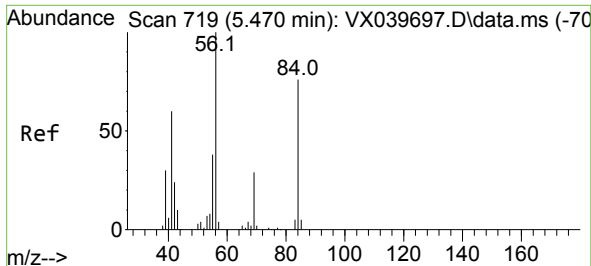
Tgt Ion: 43 Resp: 352
Ion Ratio Lower Upper
43 100
58 32.7 21.9 32.9



#17
Carbon Disulfide
Concen: 0.411 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX039924.D
Acq: 24 Jan 2024 10:25

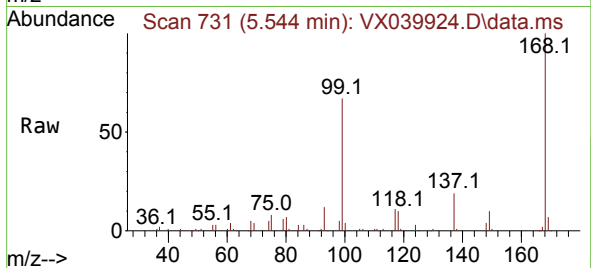
Tgt Ion: 76 Resp: 1183
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



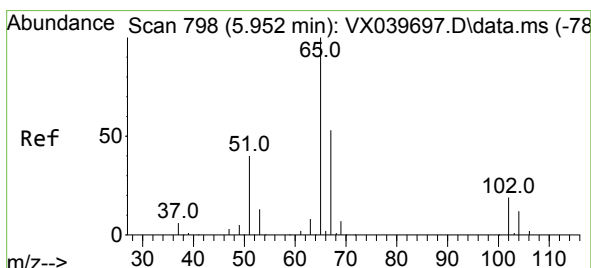
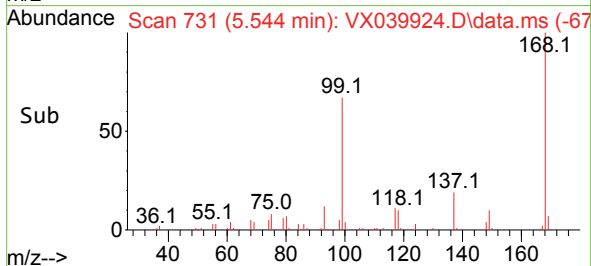
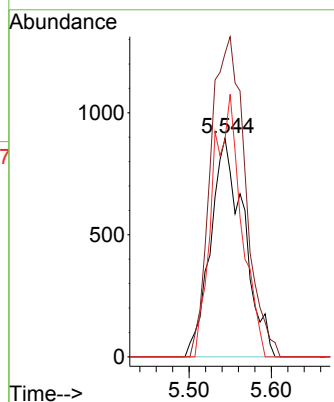


#31
Cyclohexane
Concen: 1.381 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX039924.D
Acq: 24 Jan 2024 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0124MBL01

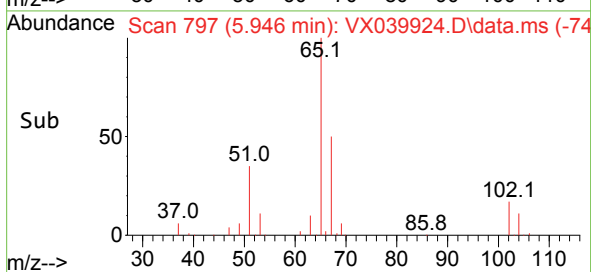
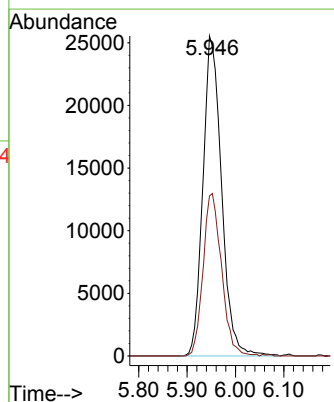
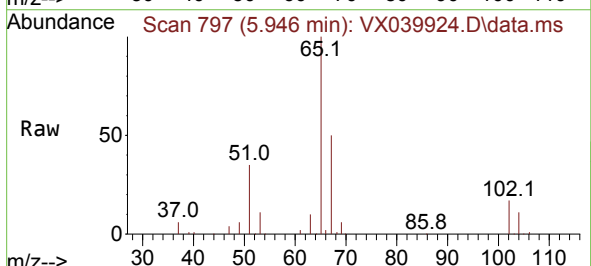


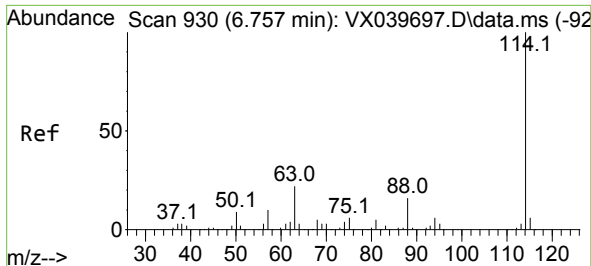
Tgt Ion: 56 Resp: 2540
Ion Ratio Lower Upper
56 100
69 138.9 23.4 35.2#
84 99.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 49.114 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX039924.D
Acq: 24 Jan 2024 10:25

Tgt Ion: 65 Resp: 68468
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.2

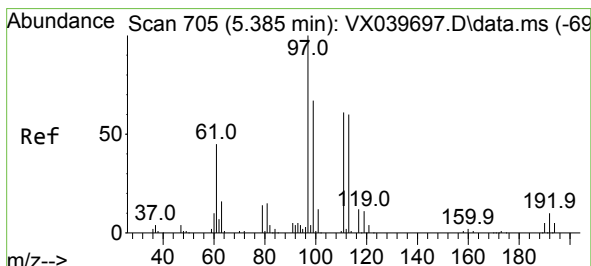
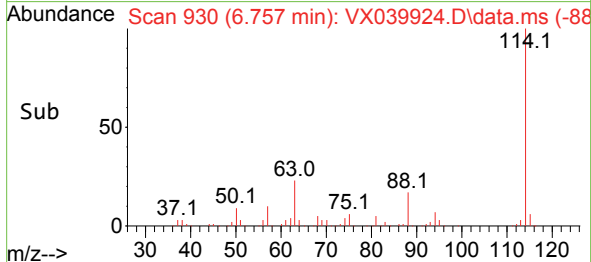
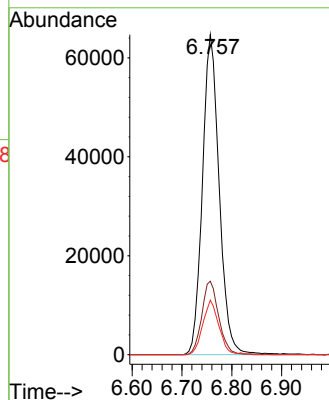
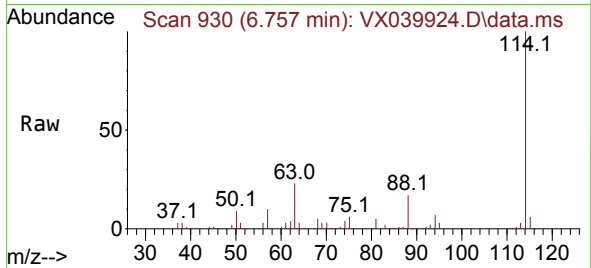




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX039924.D
Acq: 24 Jan 2024 10:25

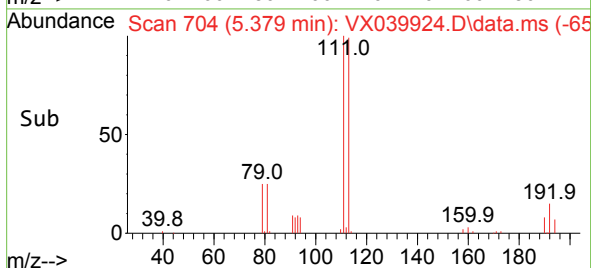
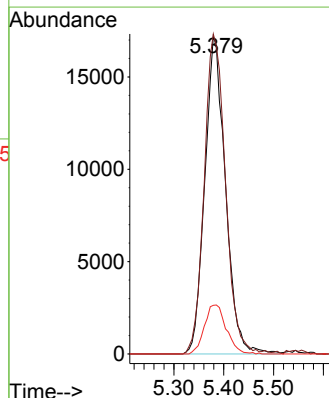
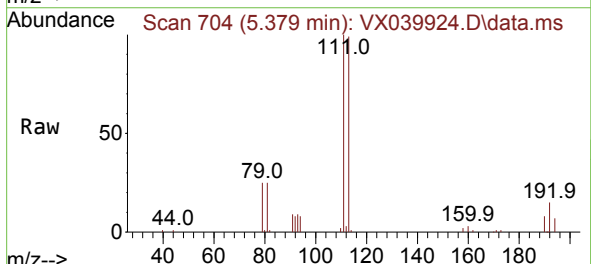
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ClientSampleId :
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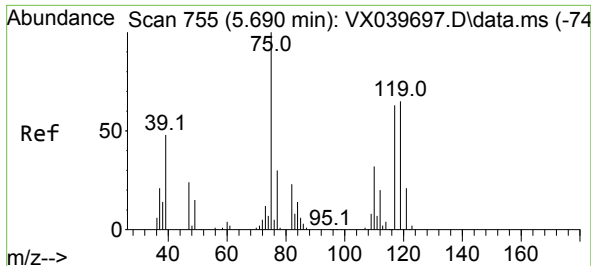
Tgt Ion:114 Resp: 151118
Ion Ratio Lower Upper
114 100
63 22.9 0.0 45.0
88 17.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.632 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039924.D
Acq: 24 Jan 2024 10:25

Tgt Ion:113 Resp: 49500
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 16.3 13.3 19.9

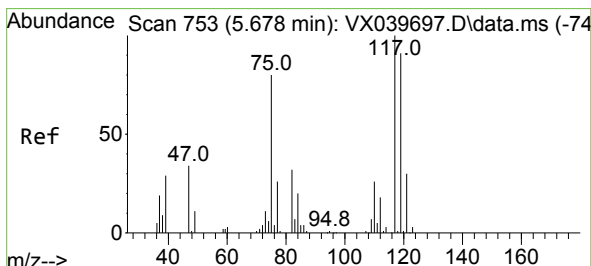
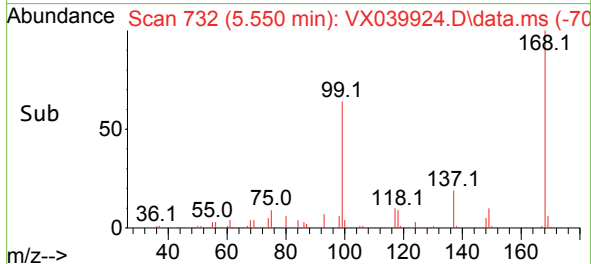
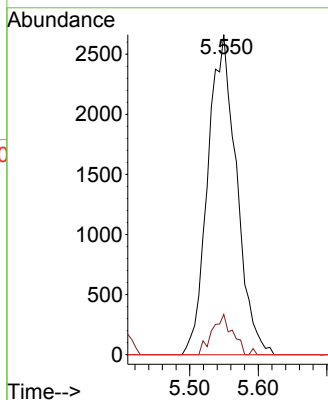
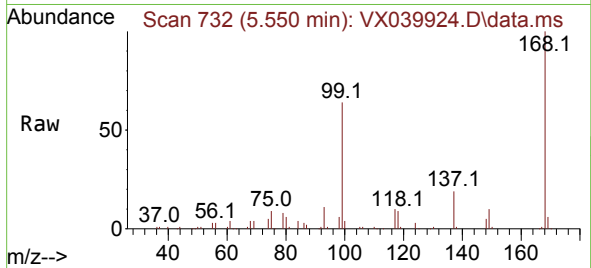




#36
 1,1-Dichloropropene
 Concen: 4.883 ug/l
 RT: 5.550 min Scan# 711
 Delta R.T. -0.140 min
 Lab File: VX039924.D
 Acq: 24 Jan 2024 10:25

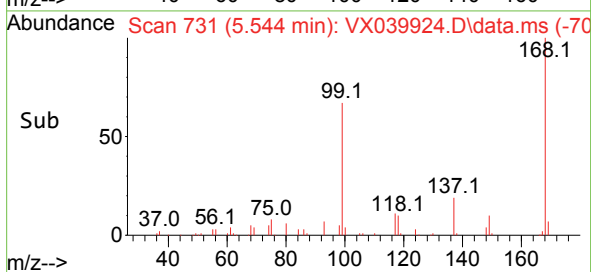
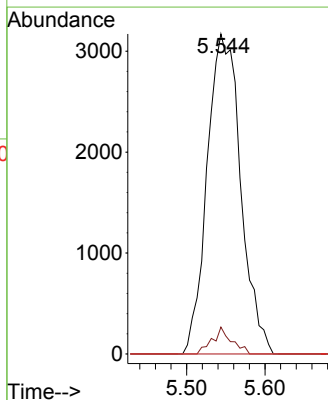
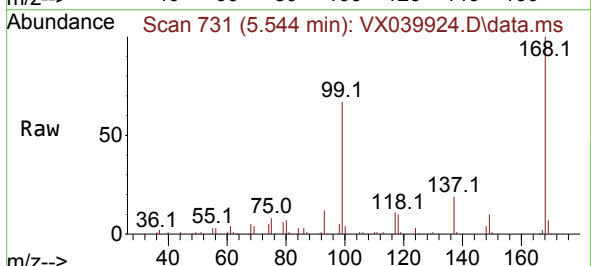
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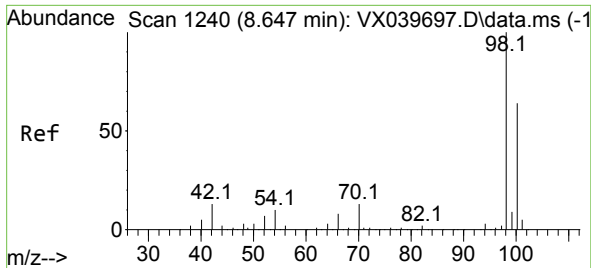
Tgt Ion: 75 Resp: 7736
 Ion Ratio Lower Upper
 75 100
 110 8.8 17.0 50.9#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.497 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. -0.134 min
 Lab File: VX039924.D
 Acq: 24 Jan 2024 10:25

Tgt Ion: 117 Resp: 9427
 Ion Ratio Lower Upper
 117 100
 119 8.4 78.2 117.2#
 121 0.0 24.4 36.6#

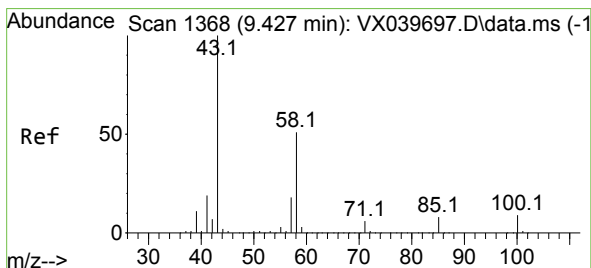
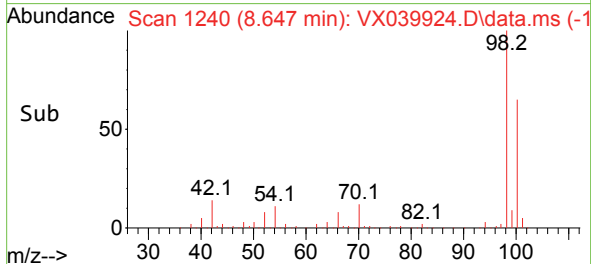
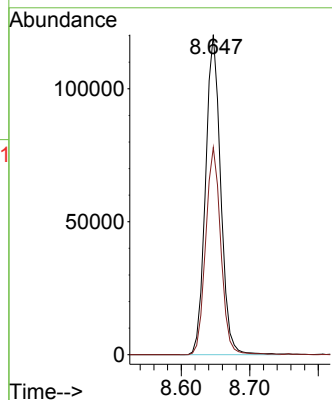
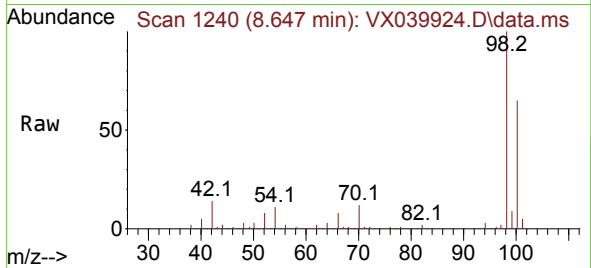




#50
Toluene-d8
Concen: 48.229 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039924.D
Acq: 24 Jan 2024 10:25

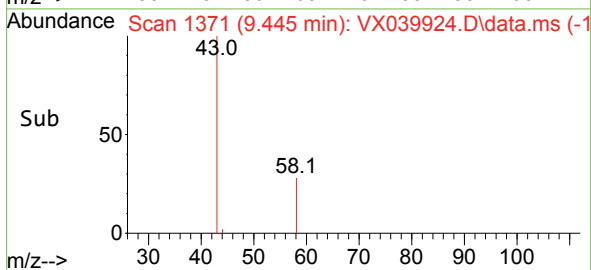
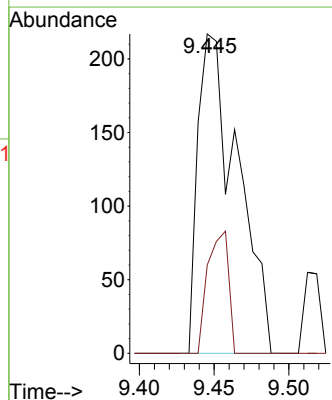
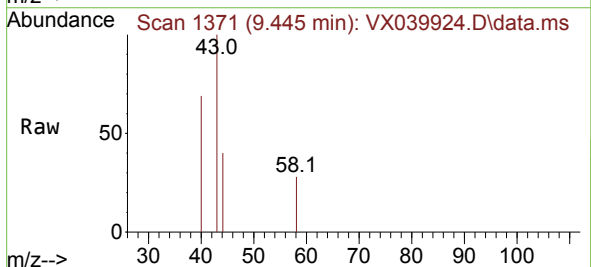
Instrument :
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VX0124MBL01

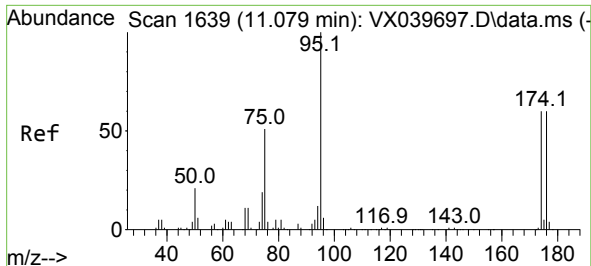
Tgt Ion: 98 Resp: 185143
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7



#59
2-Hexanone
Concen: 0.236 ug/l
RT: 9.445 min Scan# 1371
Delta R.T. 0.018 min
Lab File: VX039924.D
Acq: 24 Jan 2024 10:25

Tgt Ion: 43 Resp: 399
Ion Ratio Lower Upper
43 100
58 20.1 26.2 78.5#

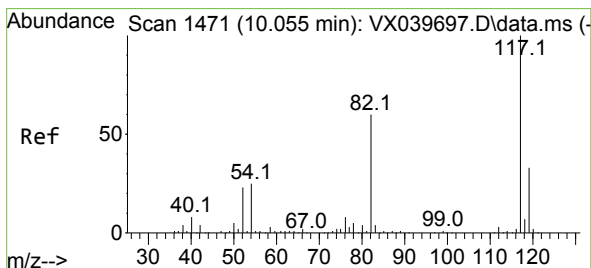
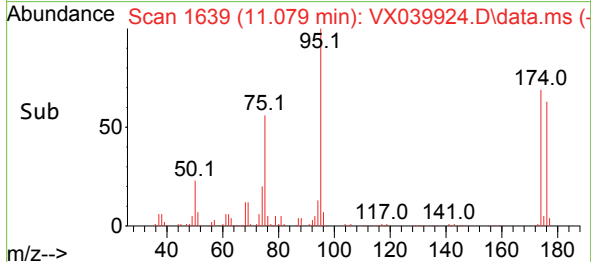
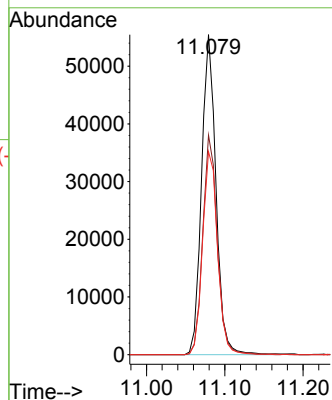
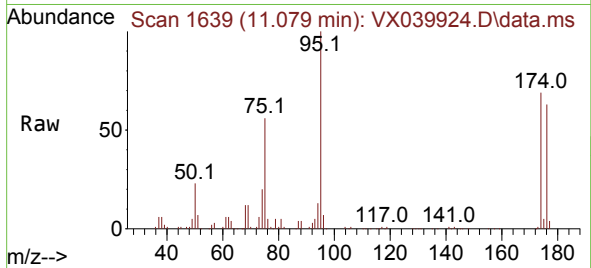




#62
4-Bromofluorobenzene
Concen: 47.164 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039924.D
Acq: 24 Jan 2024 10:25

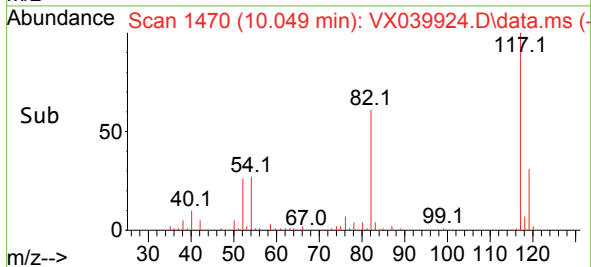
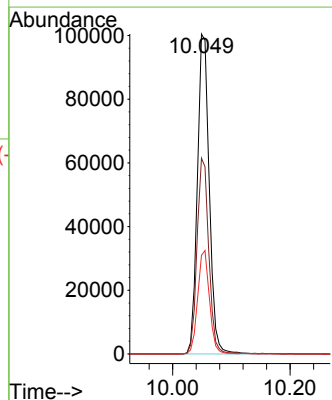
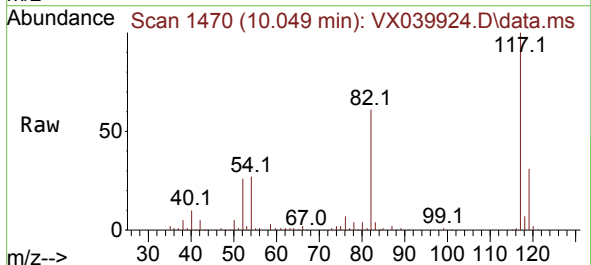
Instrument :
MSVOA_X
ClientSampleId :
VX0124MBL01

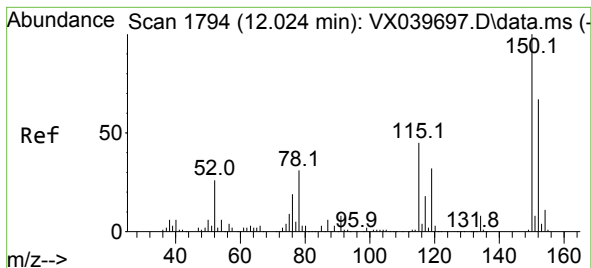
Tgt Ion: 95 Resp: 70801
Ion Ratio Lower Upper
95 100
174 69.3 0.0 135.6
176 65.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX039924.D
Acq: 24 Jan 2024 10:25

Tgt Ion: 117 Resp: 141344
Ion Ratio Lower Upper
117 100
82 61.2 46.2 69.4
119 30.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX039924.D

Acq: 24 Jan 2024 10:25

Instrument :

MSVOA_X

ClientSampleId :

VX0124MBL01

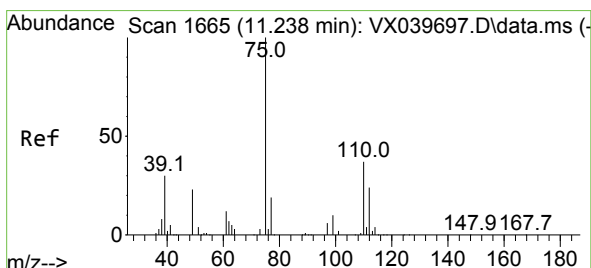
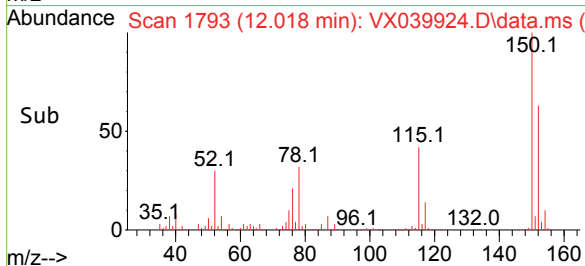
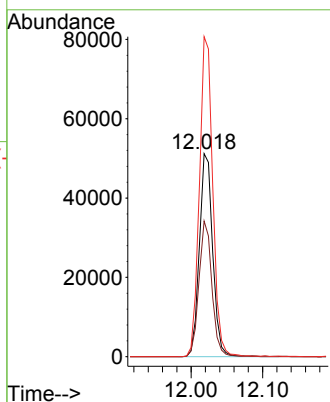
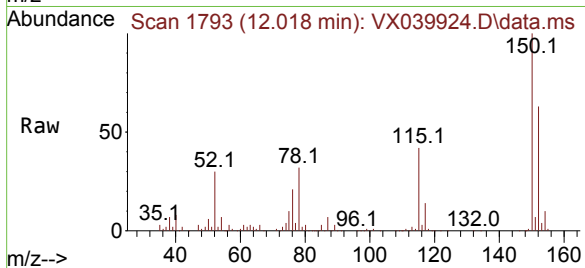
Tgt Ion:152 Resp: 66269

Ion Ratio Lower Upper

152 100

115 65.0 43.3 129.9

150 157.9 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 23.857 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039924.D

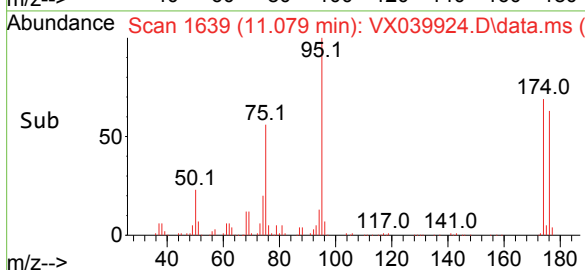
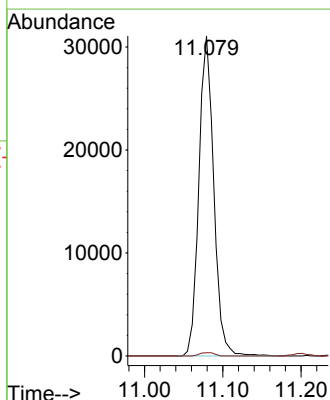
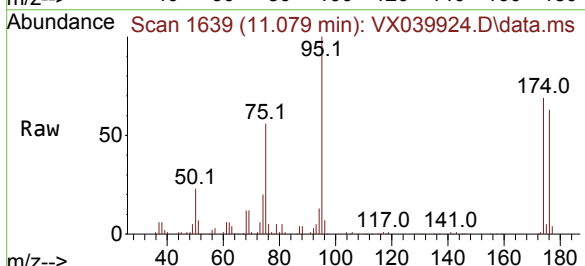
Acq: 24 Jan 2024 10:25

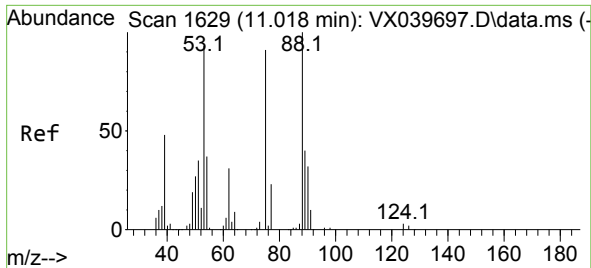
Tgt Ion: 75 Resp: 40988

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#

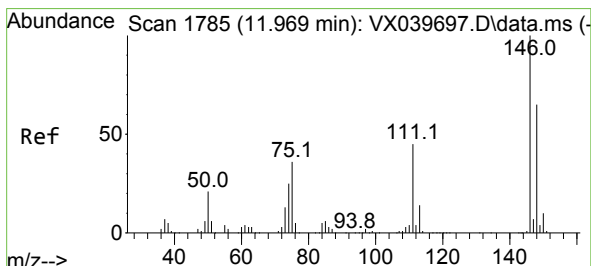
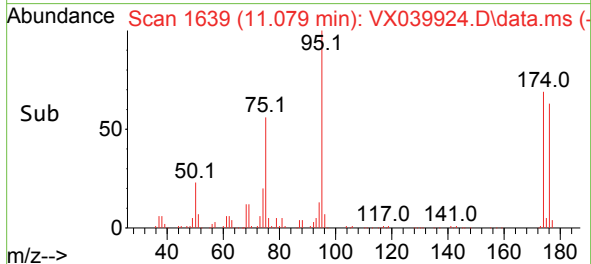
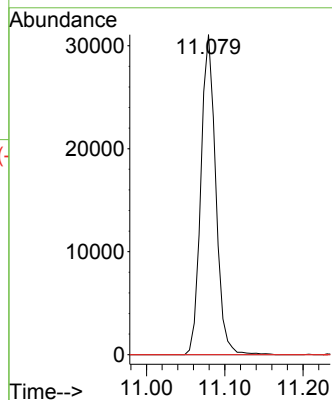
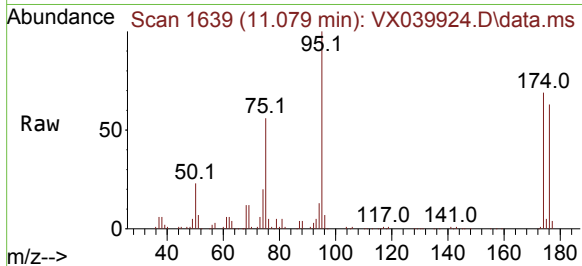




#81
trans-1,4-Dichloro-2-butene
Concen: 68.604 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039924.D
Acq: 24 Jan 2024 10:25

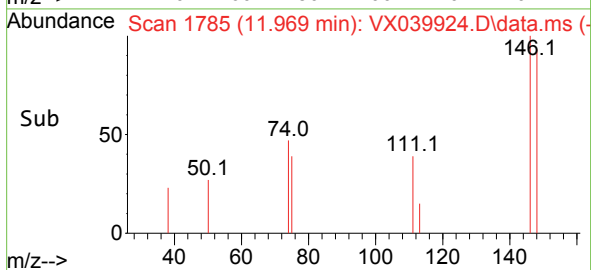
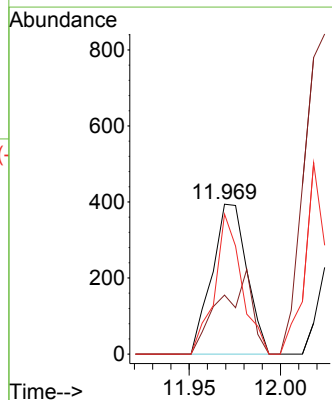
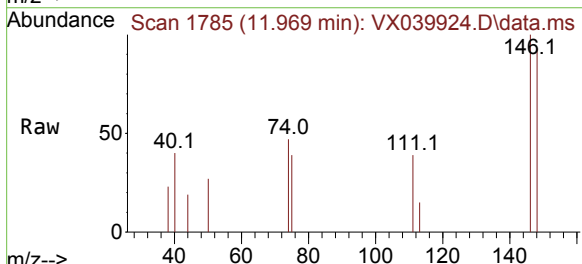
Instrument :
MSVOA_X
ClientSampleId :
VX0124MBL01

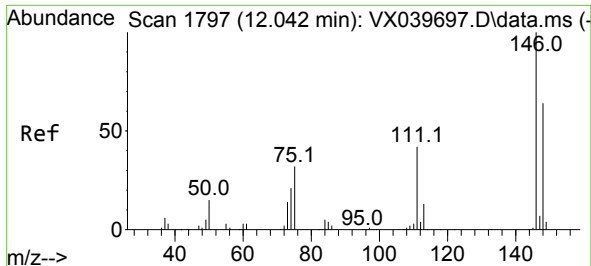
Tgt Ion: 75 Resp: 40988
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#87
1,3-Dichlorobenzene
Concen: 0.232 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039924.D
Acq: 24 Jan 2024 10:25

Tgt Ion:146 Resp: 522
Ion Ratio Lower Upper
146 100
111 51.5 22.1 66.1
148 72.8 31.8 95.3

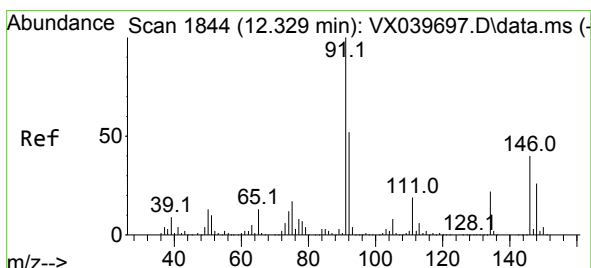
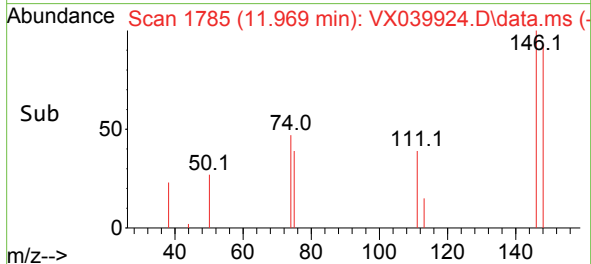
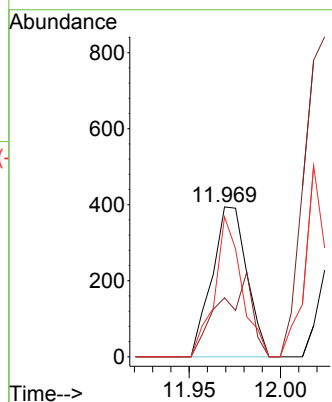
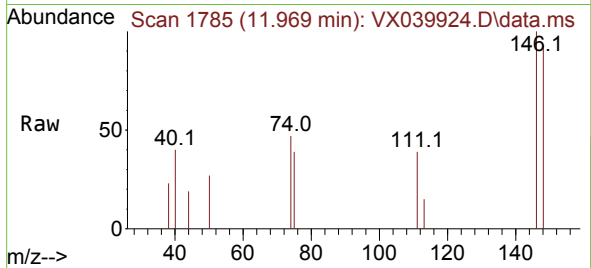




#88
1,4-Dichlorobenzene
Concen: 0.224 ug/l
RT: 11.969 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX039924.D
Acq: 24 Jan 2024 10:25

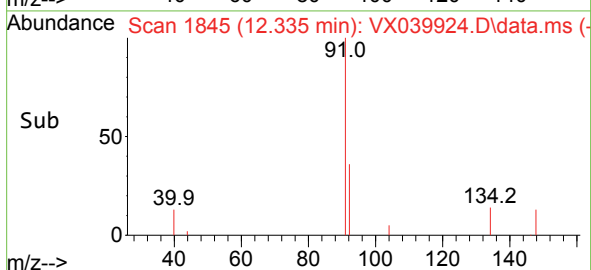
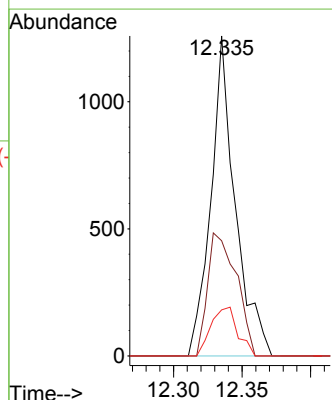
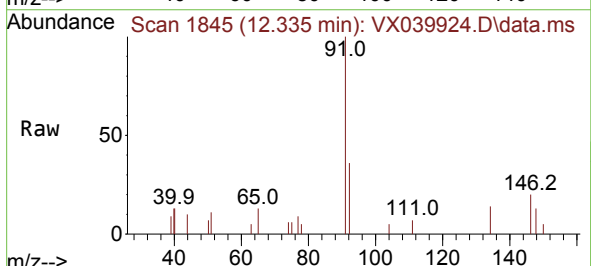
Instrument :
MSVOA_X
ClientSampleId :
VX0124MBL01

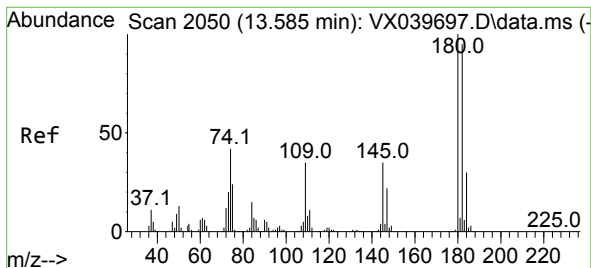
Tgt Ion:146 Resp: 522
Ion Ratio Lower Upper
146 100
111 51.5 21.3 63.7
148 72.8 31.8 95.4



#89
n-Butylbenzene
Concen: 0.362 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX039924.D
Acq: 24 Jan 2024 10:25

Tgt Ion: 91 Resp: 1552
Ion Ratio Lower Upper
91 100
92 45.5 27.4 82.0
134 16.6 12.6 37.8





#93

1,2,4-Trichlorobenzene

Concen: 0.671 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX039924.D

Acq: 24 Jan 2024 10:25

Instrument :

MSVOA_X

ClientSampleId :

VX0124MBL01

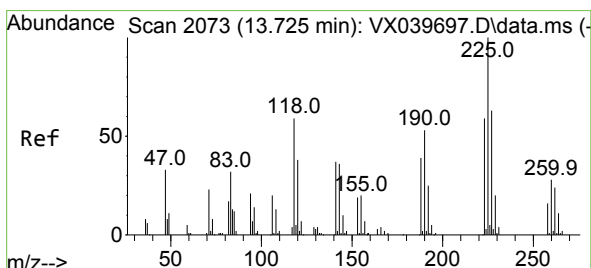
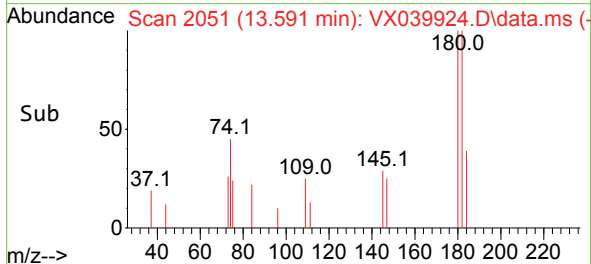
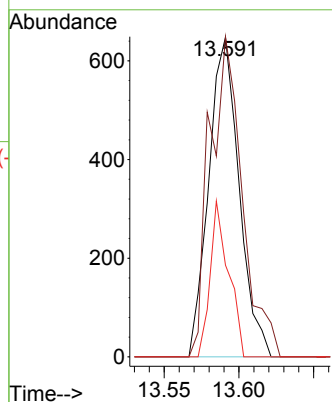
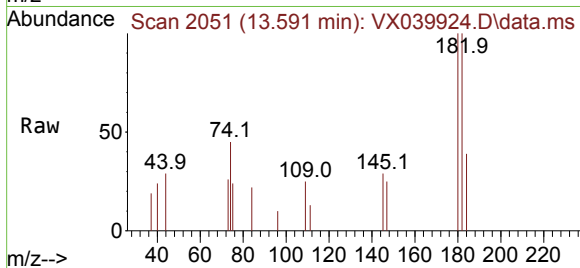
Tgt Ion:180 Resp: 913

Ion Ratio Lower Upper

180 100

182 107.6 48.3 144.8

145 29.5 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.863 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX039924.D

Acq: 24 Jan 2024 10:25

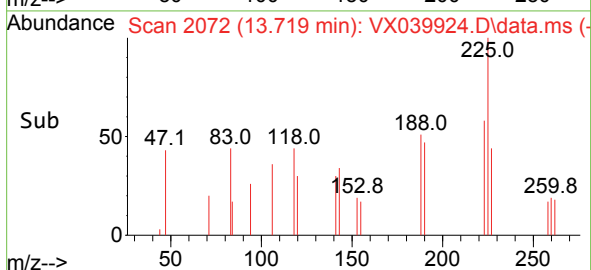
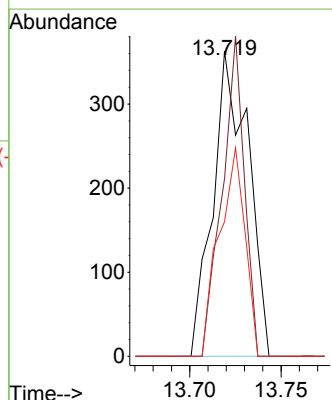
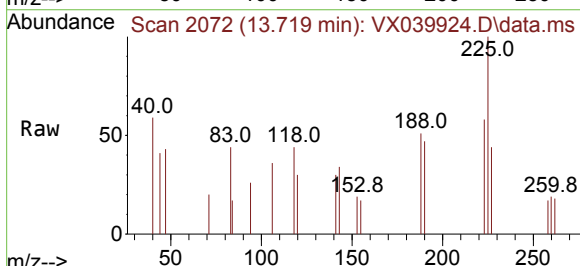
Tgt Ion:225 Resp: 488

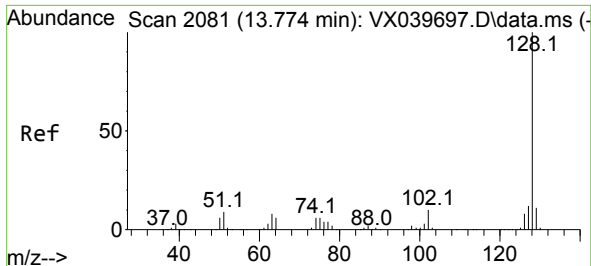
Ion Ratio Lower Upper

225 100

223 65.8 31.1 93.2

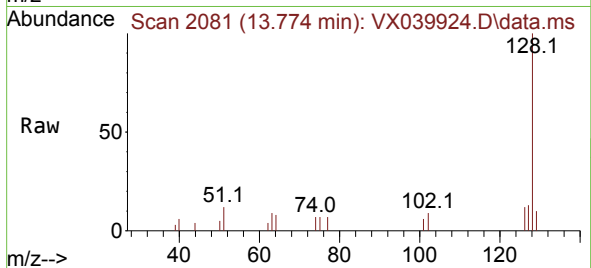
227 50.0 32.5 97.5



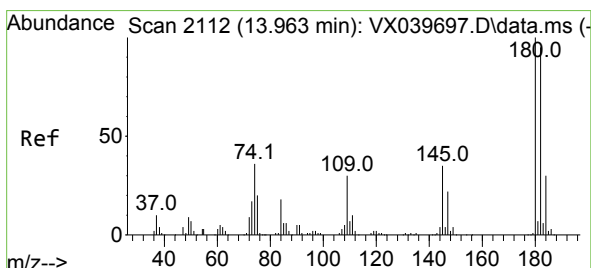
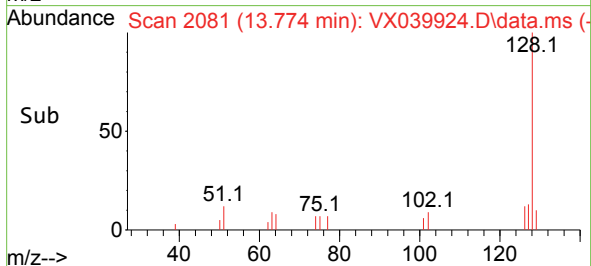
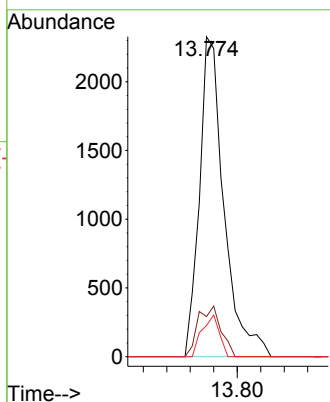


#95
Naphthalene
Concen: 0.672 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX039924.D
Acq: 24 Jan 2024 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0124MBL01



Tgt Ion:128 Resp: 3367
Ion Ratio Lower Upper
128 100
127 14.8 10.3 15.5
129 9.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.596 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX039924.D
Acq: 24 Jan 2024 10:25

Tgt Ion:180 Resp: 819
Ion Ratio Lower Upper
180 100
182 102.1 46.9 140.6
145 36.3 17.8 53.5

