

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021524\
 Data File : VX040243.D
 Acq On : 15 Feb 2024 11:45
 Operator : JC/MD
 Sample : VX0215WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0215WBL01

Quant Time: Feb 16 00:46:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

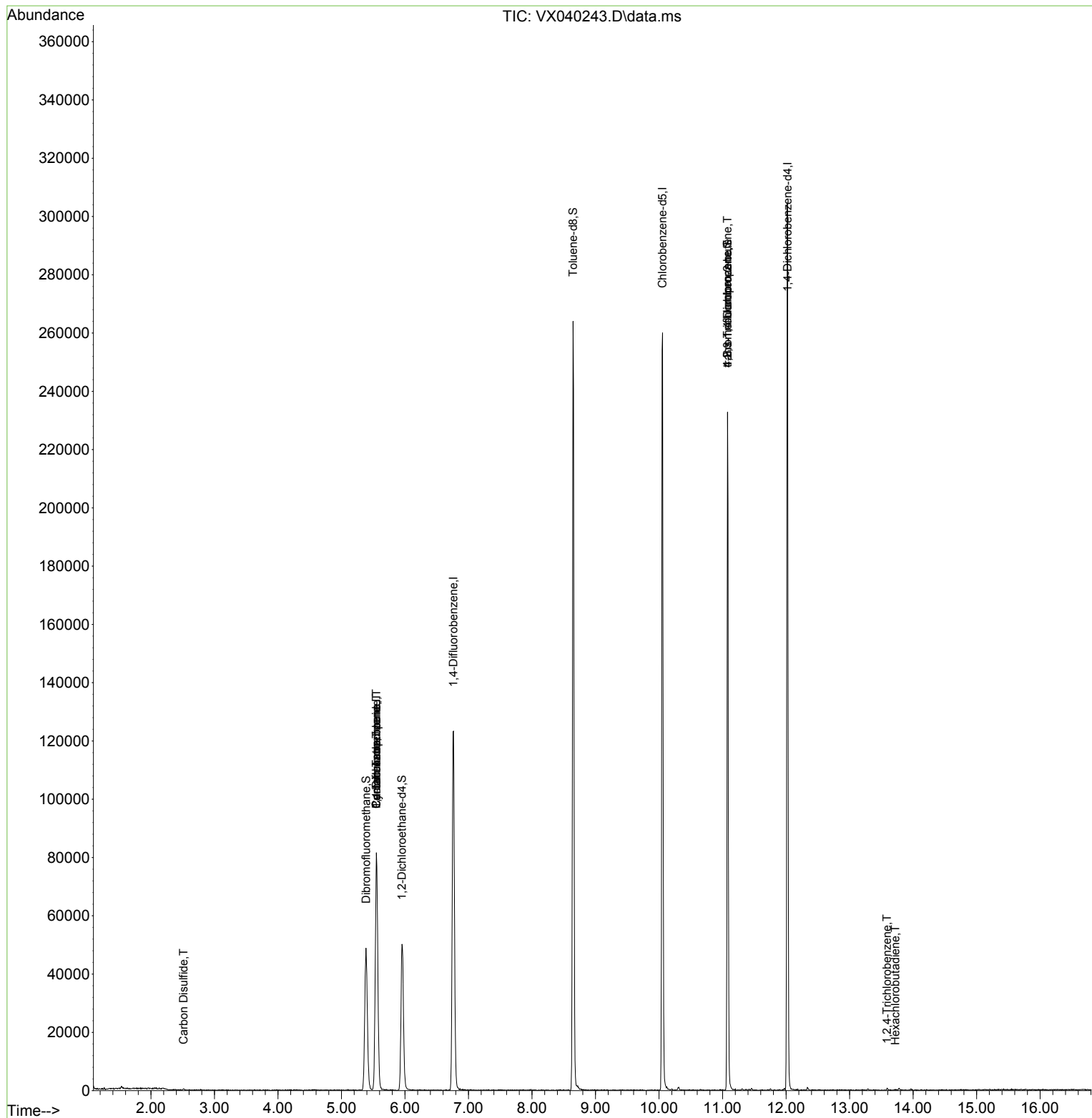
Internal Standards						
1) Pentafluorobenzene	5.549	168	75594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	129310	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	49802	44.284	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.560%
35) Dibromofluoromethane	5.385	113	41591	46.057	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.120%
50) Toluene-d8	8.646	98	155971	46.173	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.340%
62) 4-Bromofluorobenzene	11.079	95	61034	44.302	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.600%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	2.513	76	503	0.247	ug/l #	76
20) Methylene Chloride	2.794	84	92	Below Cal	#	41
31) Cyclohexane	5.549	56	1711	1.276	ug/l #	1
36) 1,1-Dichloropropene	5.549	75	6012	4.753	ug/l #	47
38) Carbon Tetrachloride	5.549	117	7753	6.446	ug/l #	13
76) 1,2,3-Trichloropropane	11.079	75	32226	24.515	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	32226	67.503	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	325	0.229	ug/l #	62
94) Hexachlorobutadiene	13.719	225	125	0.221	ug/l #	63

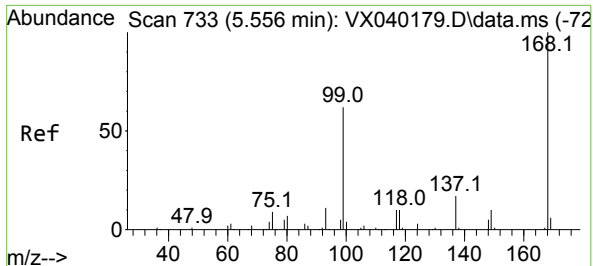
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021524\
Data File : VX040243.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0215WBL01

Quant Time: Feb 16 00:46:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration

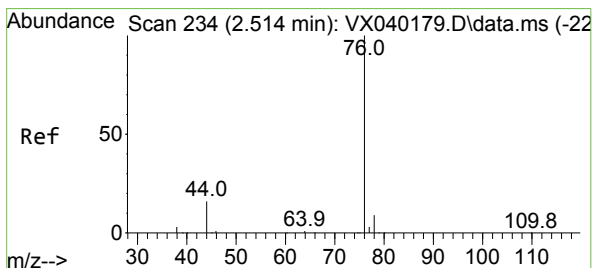
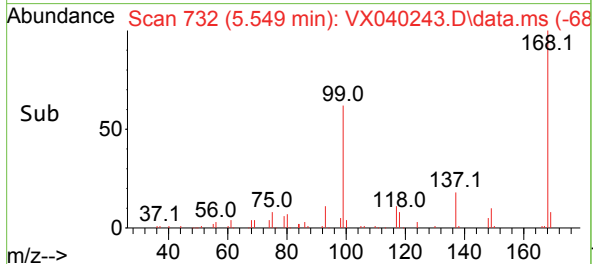
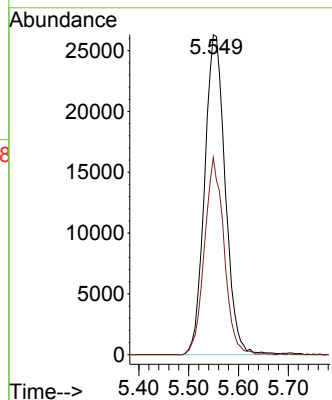
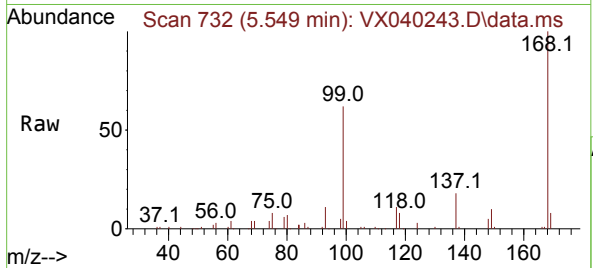




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX040243.D
Acq: 15 Feb 2024 11:45

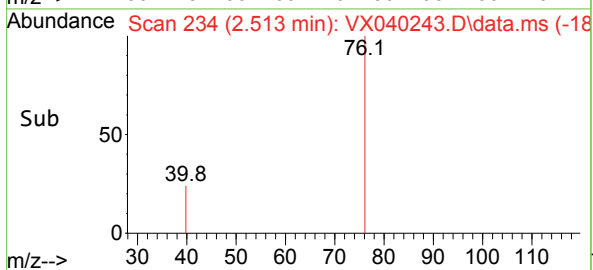
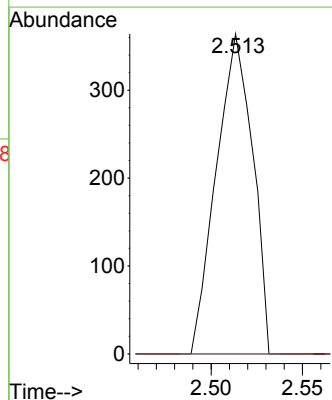
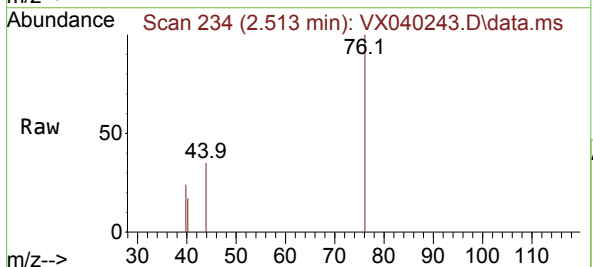
Instrument :
MSVOA_X
ClientSampleId :
VX0215WBL01

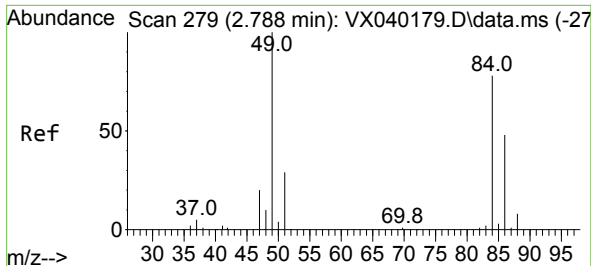
Tgt Ion:168 Resp: 75594
Ion Ratio Lower Upper
168 100
99 61.6 56.6 85.0



#17
Carbon Disulfide
Concen: 0.247 ug/l
RT: 2.513 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX040243.D
Acq: 15 Feb 2024 11:45

Tgt Ion: 76 Resp: 503
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

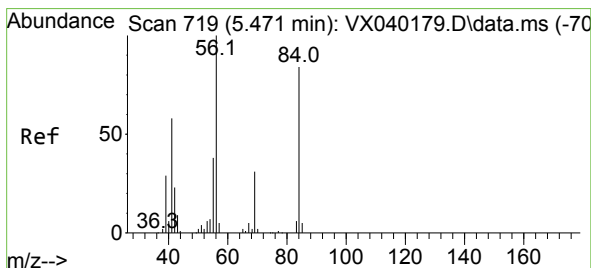
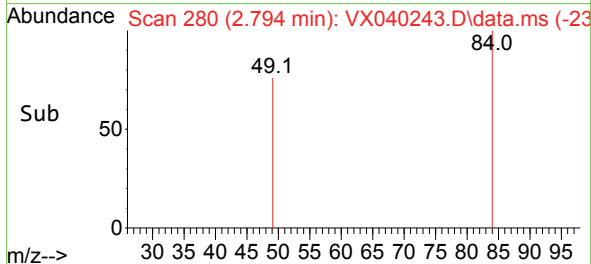
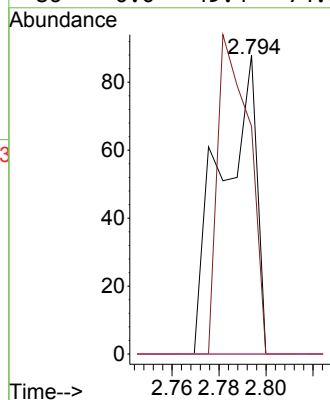
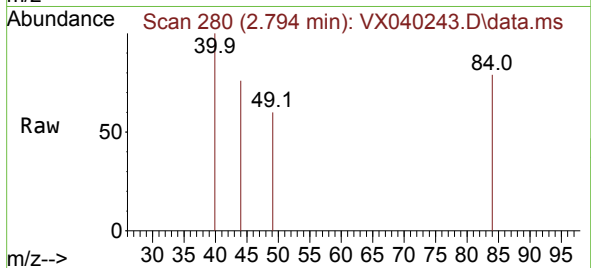




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040243.D
Acq: 15 Feb 2024 11:45

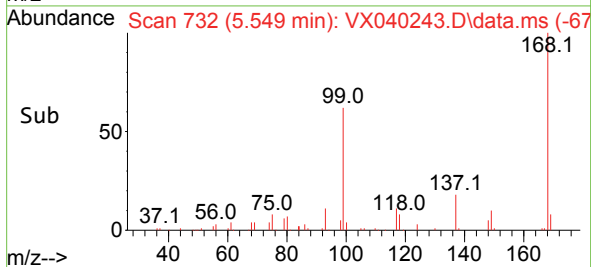
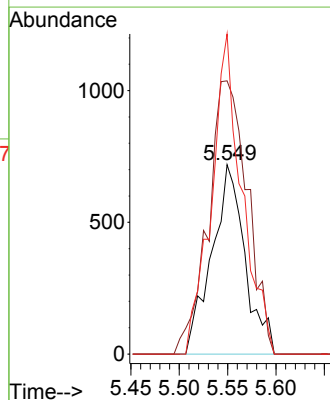
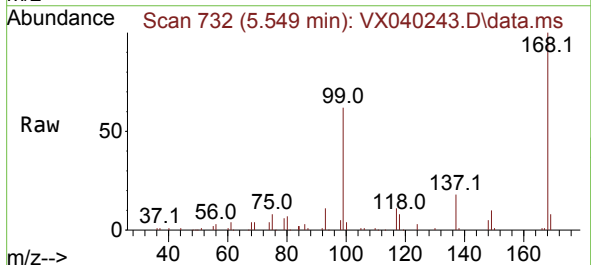
Instrument :
MSVOA_X
ClientSampleId :
VX0215WBL01

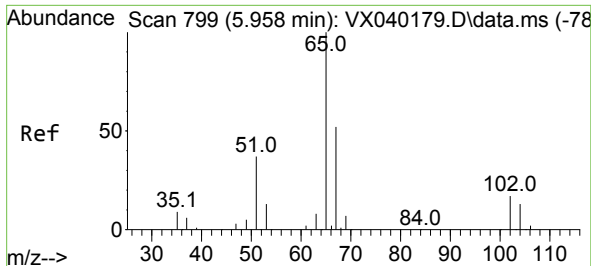
Tgt Ion: 84 Resp: 92
Ion Ratio Lower Upper
84 100
49 76.1 103.6 155.4#
51 0.0 33.8 50.6#
86 0.0 49.4 74.0#



#31
Cyclohexane
Concen: 1.276 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX040243.D
Acq: 15 Feb 2024 11:45

Tgt Ion: 56 Resp: 1711
Ion Ratio Lower Upper
56 100
69 144.2 23.4 35.2#
84 169.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 44.284 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040243.D

Acq: 15 Feb 2024 11:45

Instrument :

MSVOA_X

ClientSampleId :

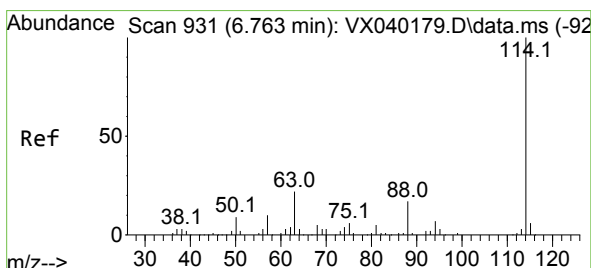
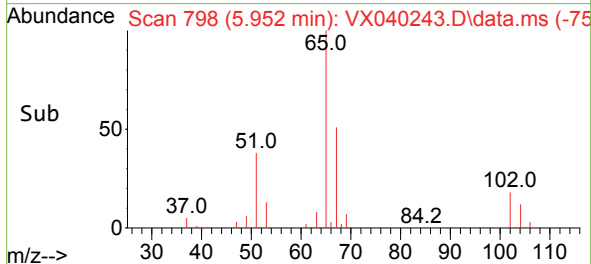
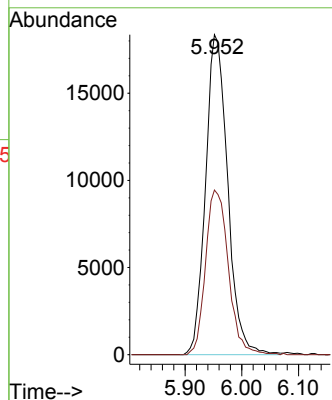
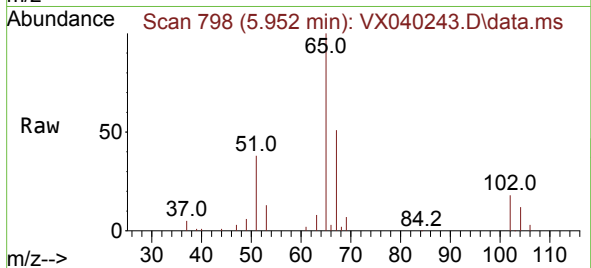
VX0215WBL01

Tgt Ion: 65 Resp: 49802

Ion Ratio Lower Upper

65 100

67 53.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX040243.D

Acq: 15 Feb 2024 11:45

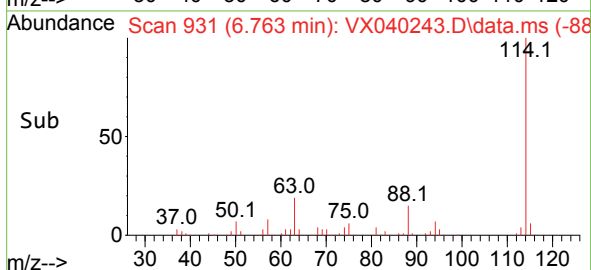
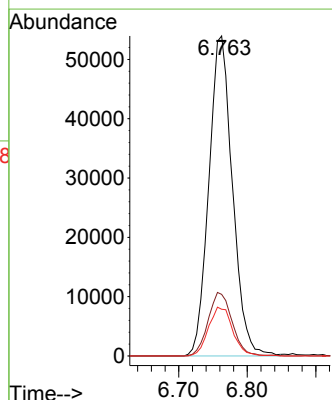
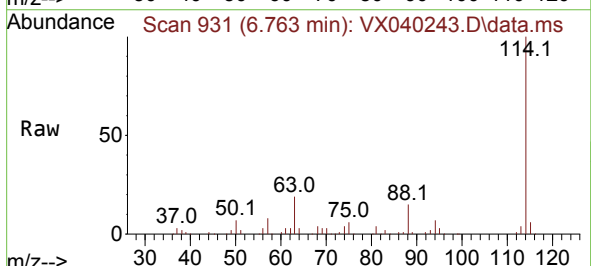
Tgt Ion: 114 Resp: 129310

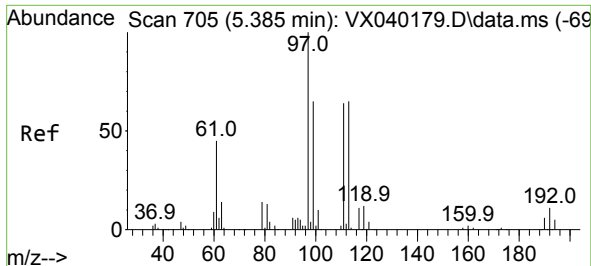
Ion Ratio Lower Upper

114 100

63 19.3 0.0 45.0

88 14.6 0.0 36.6

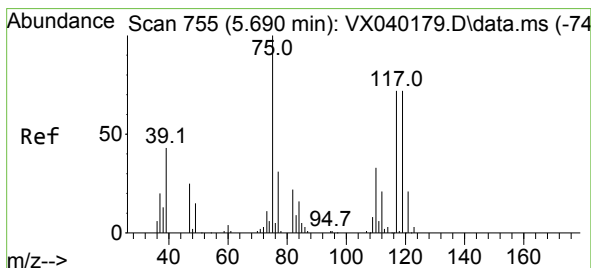
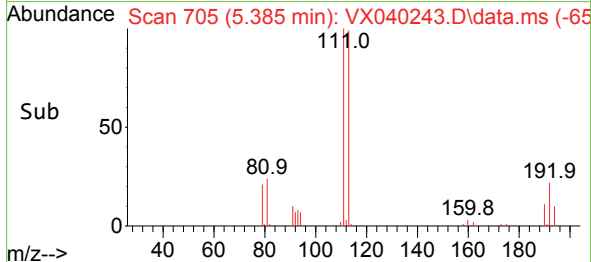
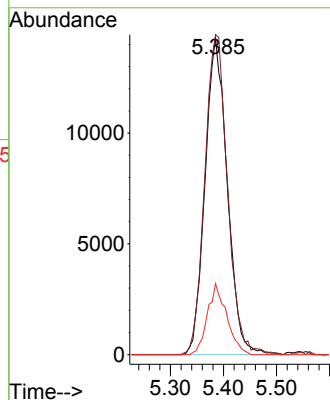
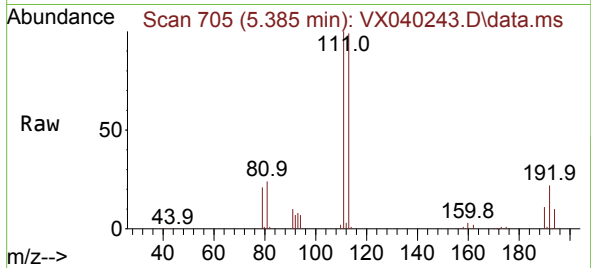




#35
Dibromofluoromethane
Concen: 46.057 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040243.D
Acq: 15 Feb 2024 11:45

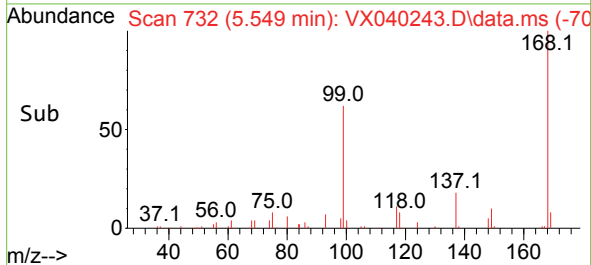
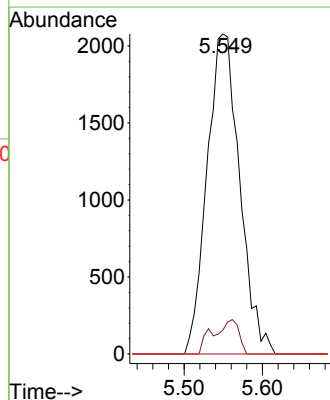
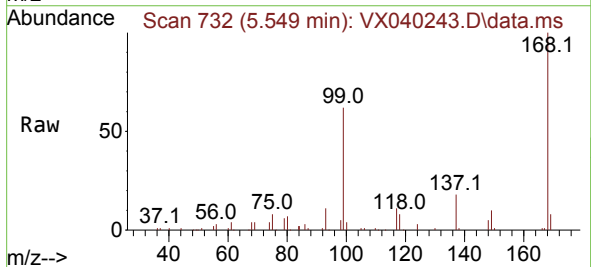
Instrument :
MSVOA_X
ClientSampleId :
VX0215WBL01

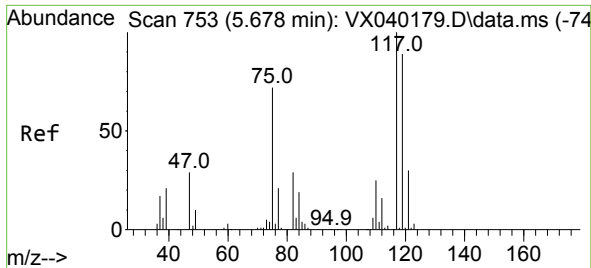
Tgt Ion:113 Resp: 41591
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 19.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.753 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.147 min
Lab File: VX040243.D
Acq: 15 Feb 2024 11:45

Tgt Ion: 75 Resp: 6012
Ion Ratio Lower Upper
75 100
110 5.2 17.0 50.9#
77 0.0 24.7 37.1#

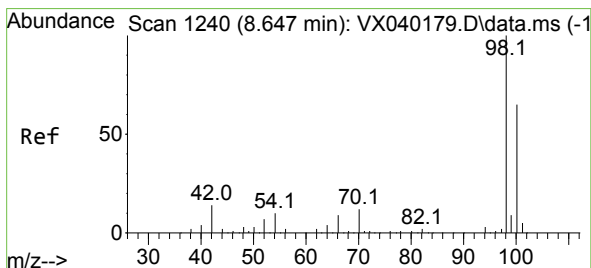
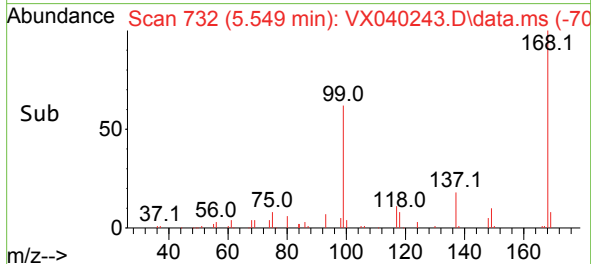
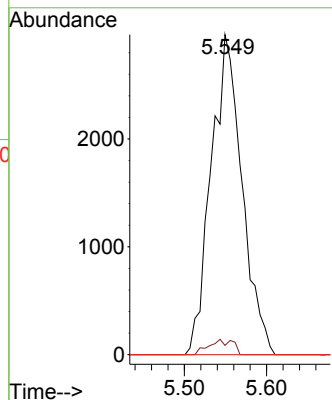
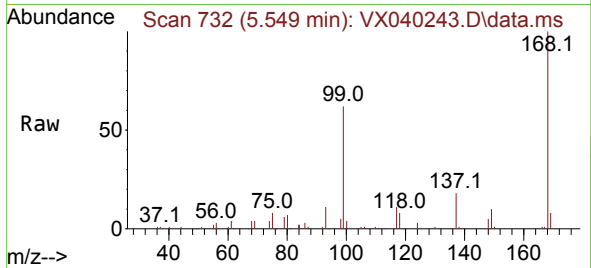




#38
Carbon Tetrachloride
Concen: 6.446 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX040243.D
Acq: 15 Feb 2024 11:45

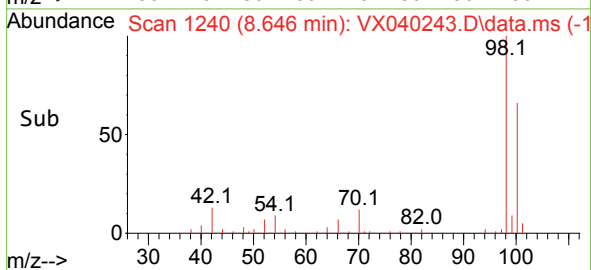
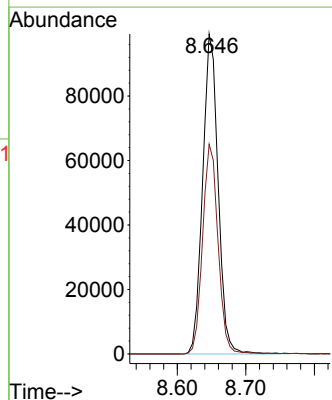
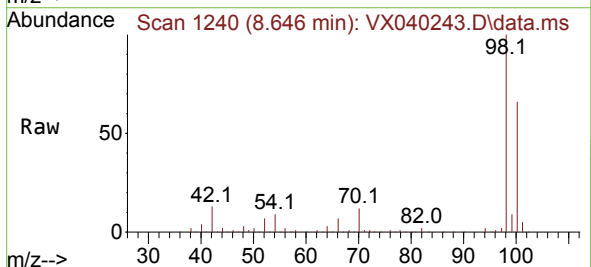
Instrument :
MSVOA_X
ClientSampleId :
VX0215WBL01

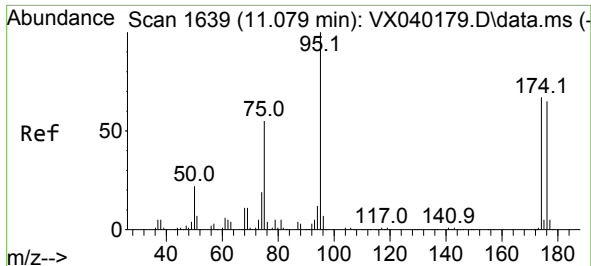
Tgt Ion:117 Resp: 7753
Ion Ratio Lower Upper
117 100
119 2.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.173 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040243.D
Acq: 15 Feb 2024 11:45

Tgt Ion: 98 Resp: 155971
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7

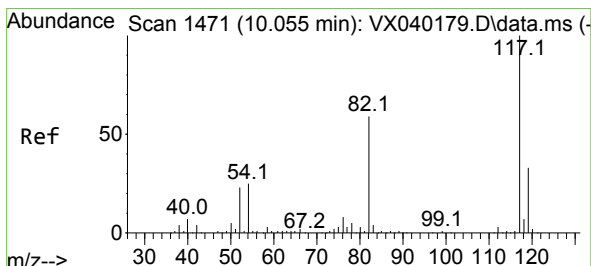
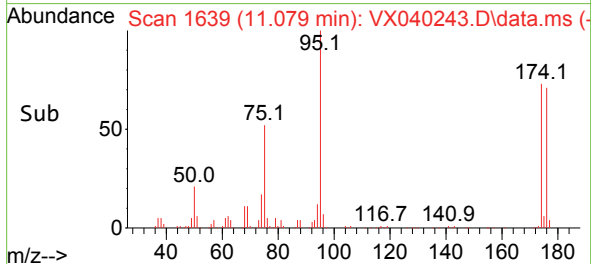
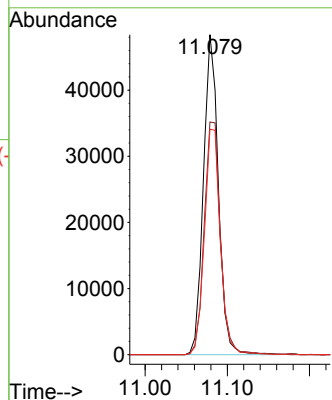
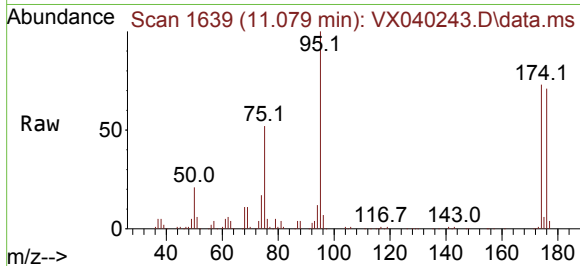




#62
4-Bromofluorobenzene
Concen: 44.302 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX040243.D
Acq: 15 Feb 2024 11:45

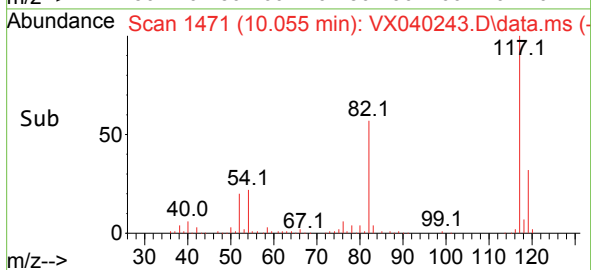
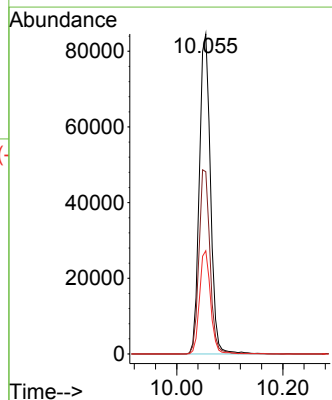
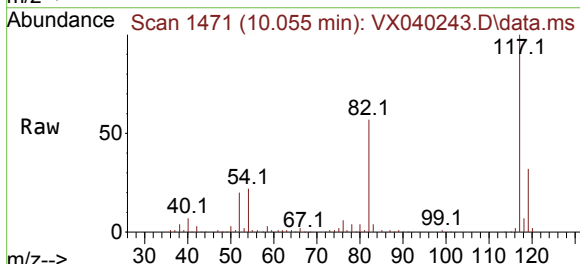
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VX0215WBL01

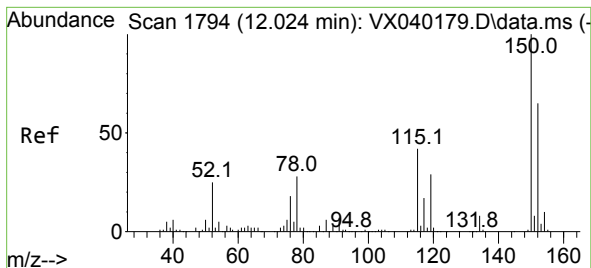
Tgt Ion: 95 Resp: 61034
Ion Ratio Lower Upper
95 100
174 79.1 0.0 135.6
176 75.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040243.D
Acq: 15 Feb 2024 11:45

Tgt Ion: 117 Resp: 123475
Ion Ratio Lower Upper
117 100
82 57.0 46.2 69.4
119 32.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040243.D

Acq: 15 Feb 2024 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0215WBL01

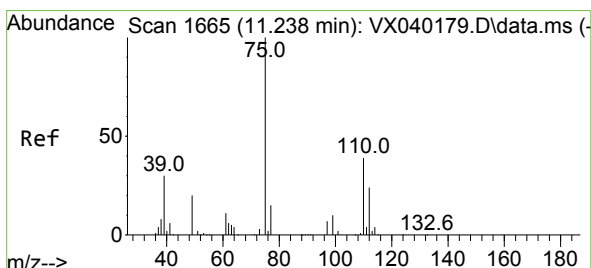
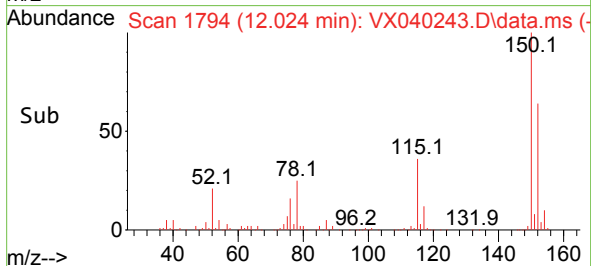
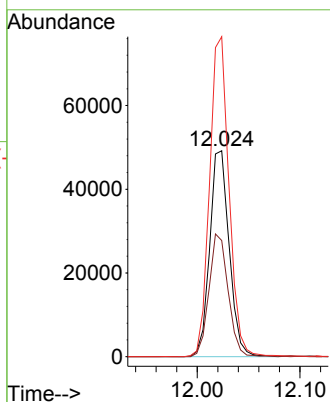
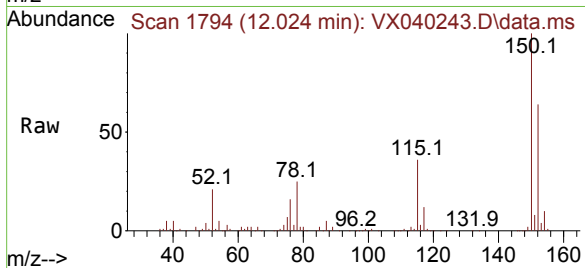
Tgt Ion:152 Resp: 64915

Ion Ratio Lower Upper

152 100

115 58.5 43.3 129.9

150 155.0 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.515 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040243.D

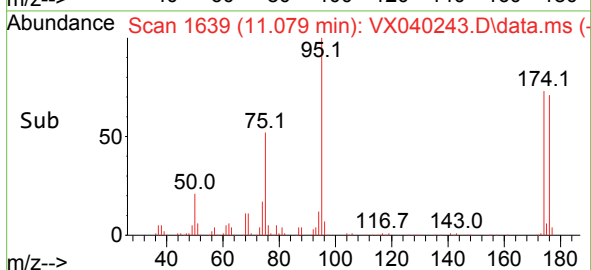
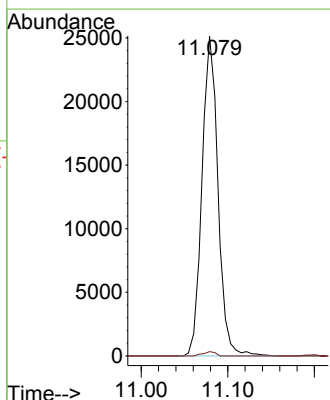
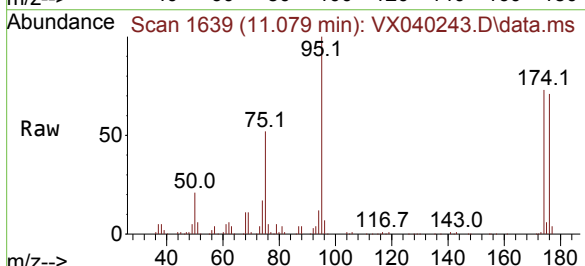
Acq: 15 Feb 2024 11:45

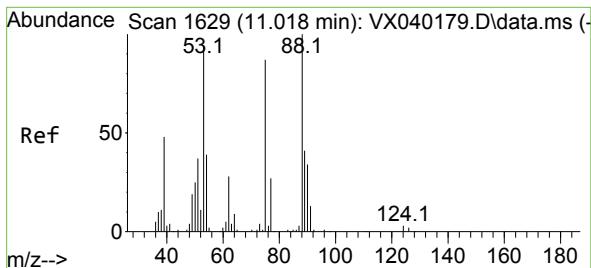
Tgt Ion: 75 Resp: 32226

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

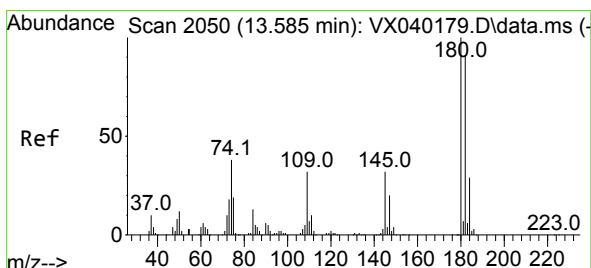
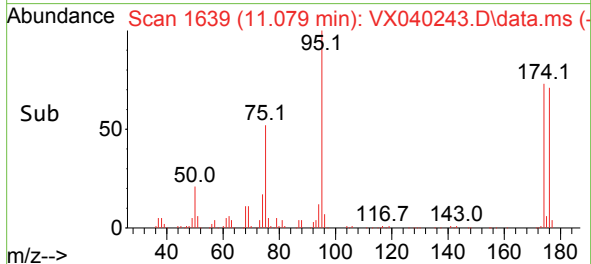
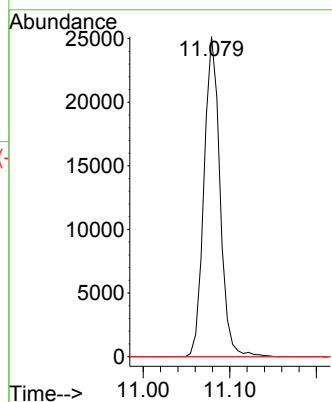
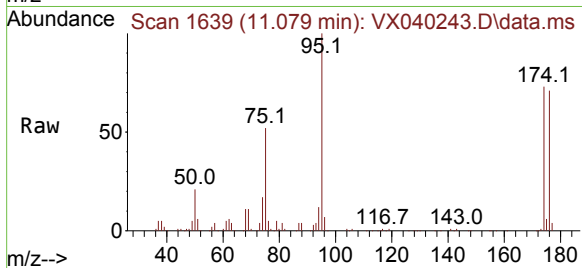




#81
trans-1,4-Dichloro-2-butene
Concen: 67.503 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX040243.D
Acq: 15 Feb 2024 11:45

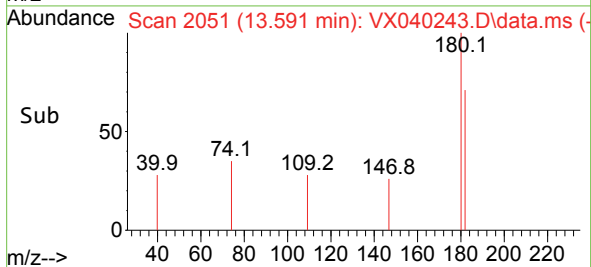
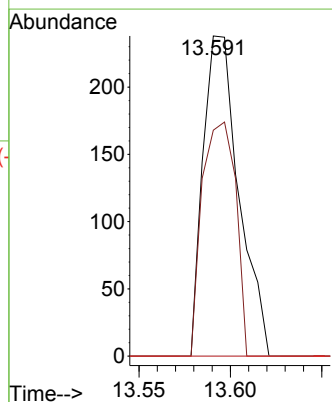
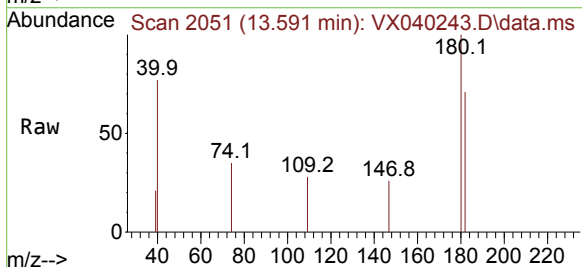
Instrument :
MSVOA_X
ClientSampleId :
VX0215WBL01

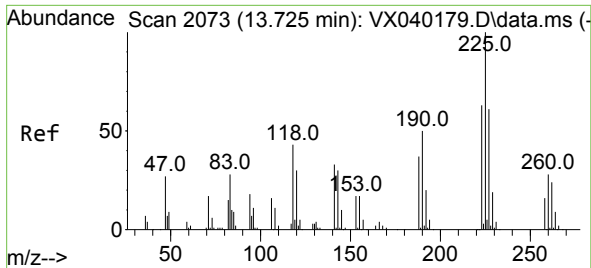
Tgt Ion: 75 Resp: 32226
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.229 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX040243.D
Acq: 15 Feb 2024 11:45

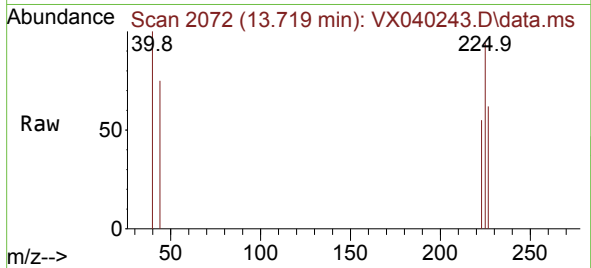
Tgt Ion: 180 Resp: 325
Ion Ratio Lower Upper
180 100
182 68.3 48.3 144.8
145 0.0 18.0 54.0#





#94
 Hexachlorobutadiene
 Concen: 0.221 ug/l
 RT: 13.719 min Scan# 2072
 Delta R.T. -0.006 min
 Lab File: VX040243.D
 Acq: 15 Feb 2024 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0215WBL01



Tgt Ion:	225	Resp:	125
Ion	Ratio	Lower	Upper
225	100		
223	47.2	31.1	93.2
227	23.2	32.5	97.5

