

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021924\
 Data File : VX040327.D
 Acq On : 19 Feb 2024 13:53
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Feb 20 01:14:24 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

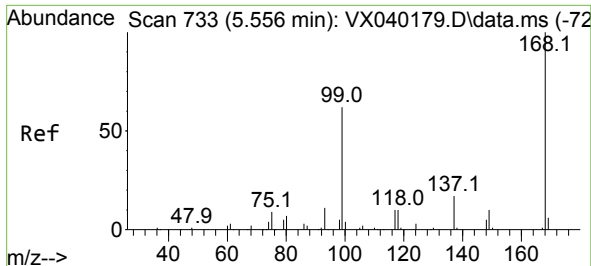
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	85334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	151314	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	72267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64989	51.192	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.380%
35) Dibromofluoromethane	5.385	113	49216	46.575	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.160%
50) Toluene-d8	8.647	98	185455	46.918	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.840%
62) 4-Bromofluorobenzene	11.079	95	72030	44.681	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.360%
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.788	84	432	Below Cal	#	82
31) Cyclohexane	5.556	56	2107	1.391	ug/l #	29
36) 1,1-Dichloropropene	5.550	75	7510	5.073	ug/l #	52
38) Carbon Tetrachloride	5.556	117	9201	6.537	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	891	0.508	ug/l #	1
52) Toluene	8.720	92	8395	3.096	ug/l	97
53) t-1,3-Dichloropropene	8.720	75	20	1.970	ug/l #	1
67) Ethyl Benzene	10.195	91	1182	0.221	ug/l #	77
68) m/p-Xylenes	10.305	106	1646	0.813	ug/l	95
69) o-Xylene	10.640	106	485	0.247	ug/l	86
76) 1,2,3-Trichloropropane	11.079	75	39272	26.835	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	39272	73.557	ug/l #	5
88) 1,4-Dichlorobenzene	12.036	146	515	0.204	ug/l #	1

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

Quant Time: Feb 20 01:14:24 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

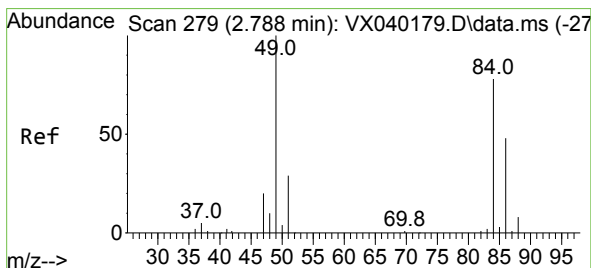
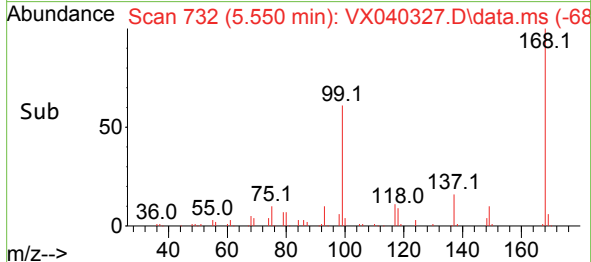
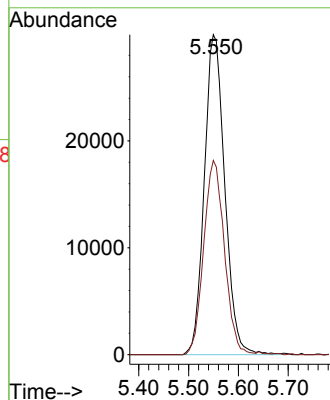
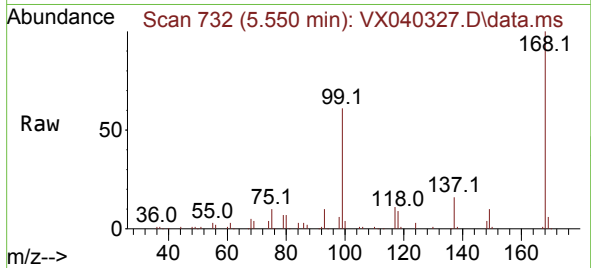




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040327.D
Acq: 19 Feb 2024 13:53

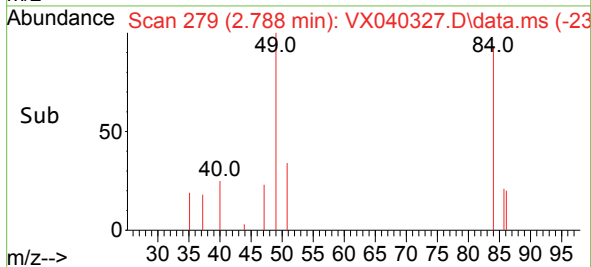
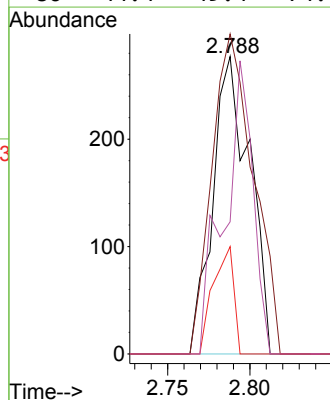
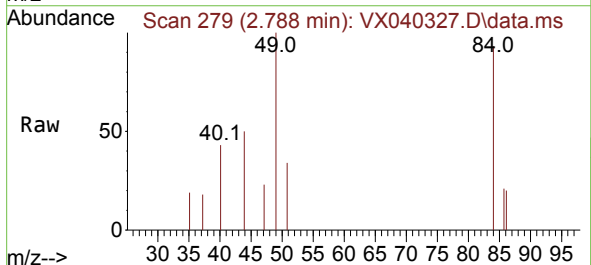
Instrument :
MSVOA_X
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VIBLK

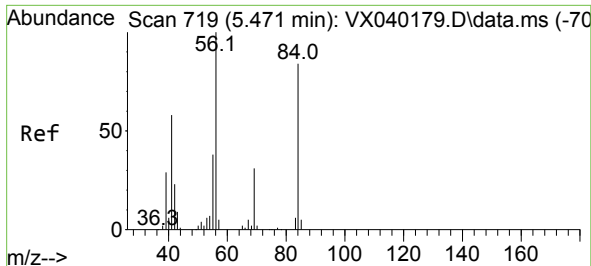
Tgt Ion:168 Resp: 85334
Ion Ratio Lower Upper
168 100
99 60.7 56.6 85.0



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040327.D
Acq: 19 Feb 2024 13:53

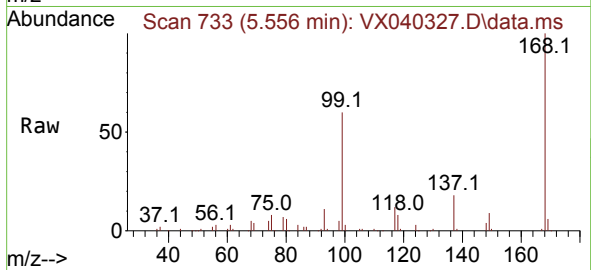
Tgt Ion: 84 Resp: 432
Ion Ratio Lower Upper
84 100
49 107.6 103.6 155.4
51 36.1 33.8 50.6
86 44.4 49.4 74.0#



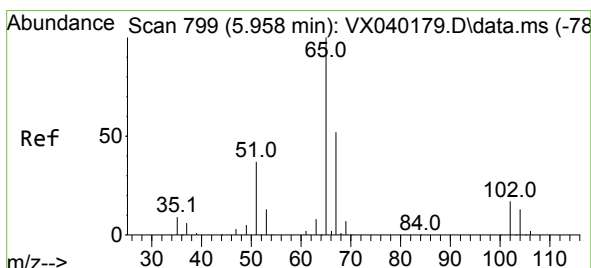
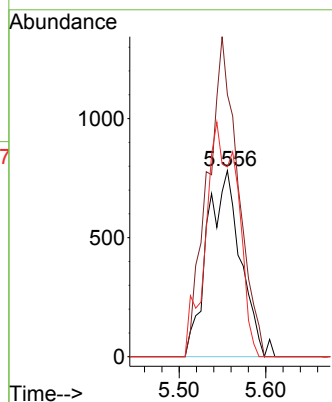
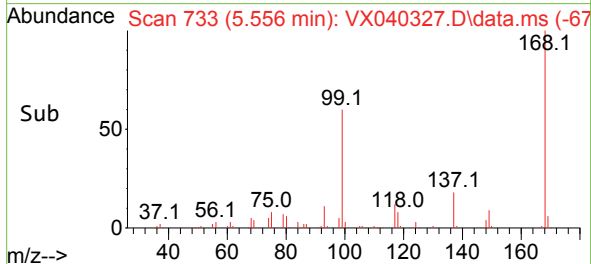


#31
Cyclohexane
Concen: 1.391 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX040327.D
Acq: 19 Feb 2024 13:53

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

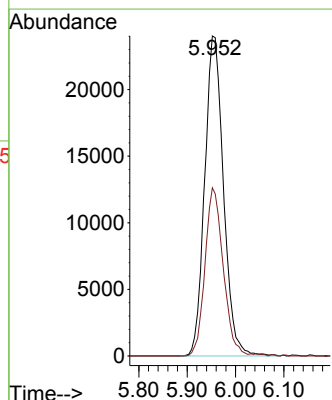
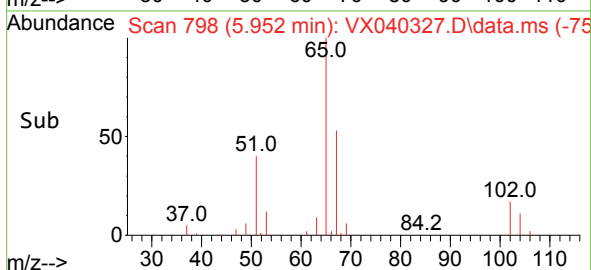
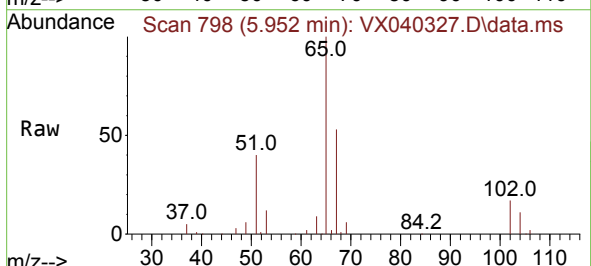


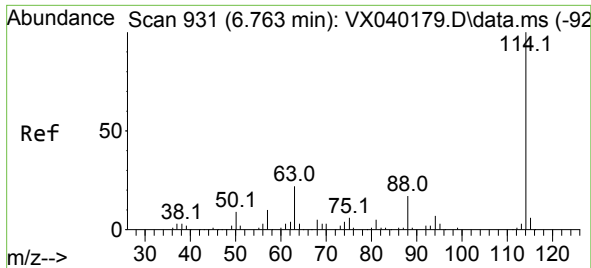
Tgt Ion: 56 Resp: 2107
Ion Ratio Lower Upper
56 100
69 140.8 23.4 35.2#
84 101.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 51.192 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040327.D
Acq: 19 Feb 2024 13:53

Tgt Ion: 65 Resp: 64989
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2

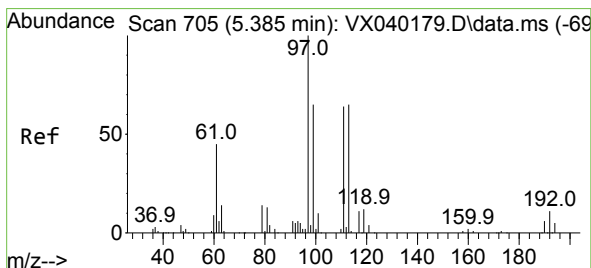
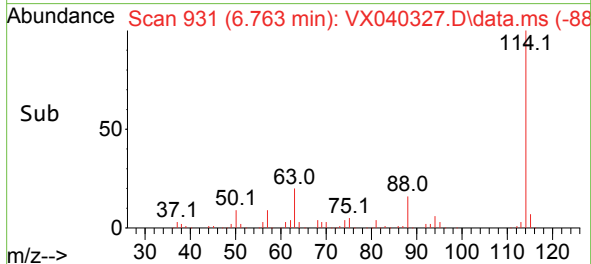
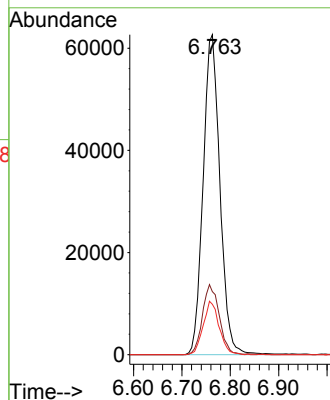
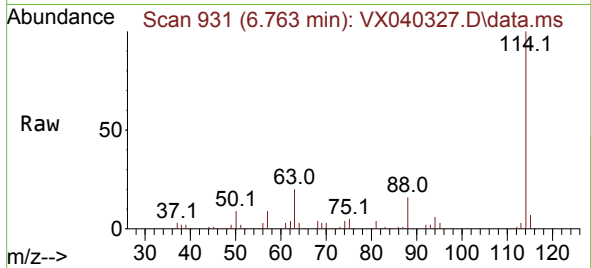




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX040327.D
Acq: 19 Feb 2024 13:53

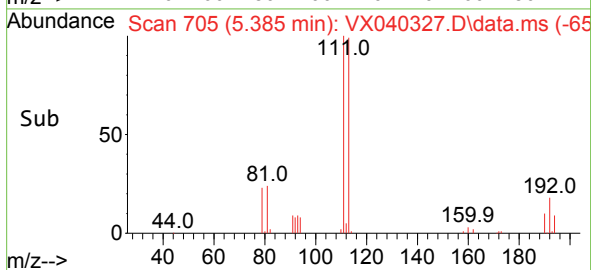
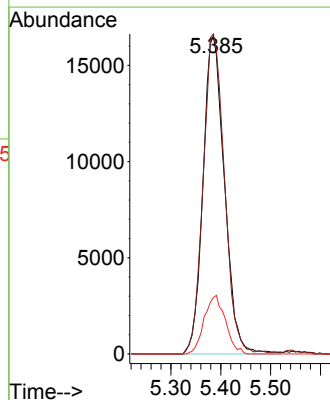
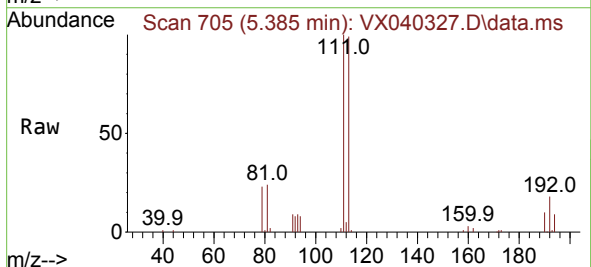
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

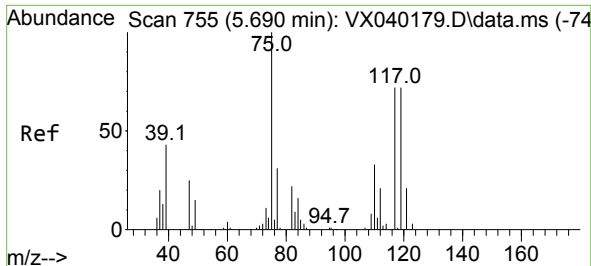
Tgt Ion:114 Resp: 151314
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.575 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040327.D
Acq: 19 Feb 2024 13:53

Tgt Ion:113 Resp: 49216
Ion Ratio Lower Upper
113 100
111 100.0 82.9 124.3
192 18.3 13.3 19.9

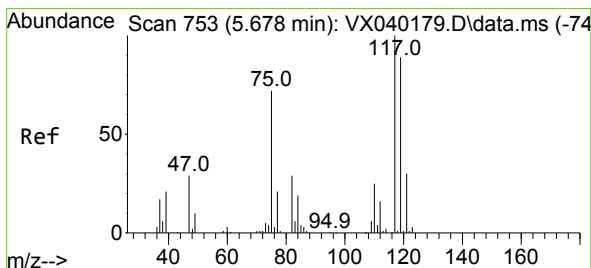
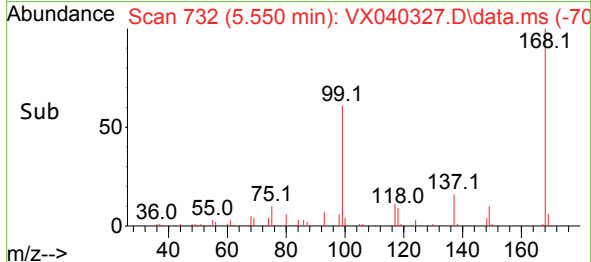
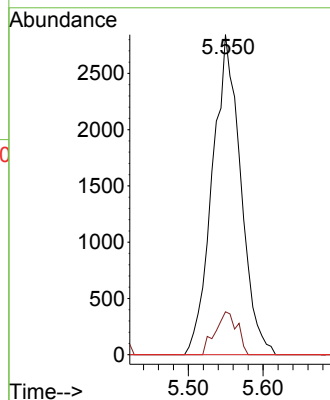
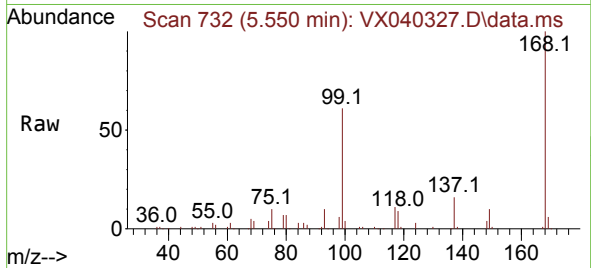




#36
1,1-Dichloropropene
Concen: 5.073 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX040327.D
Acq: 19 Feb 2024 13:53

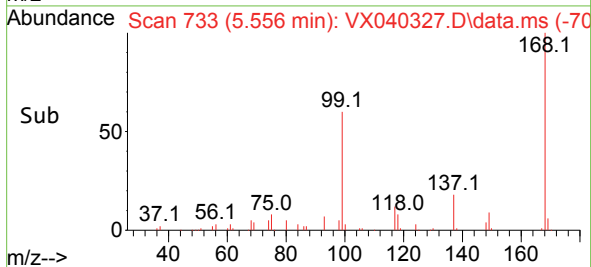
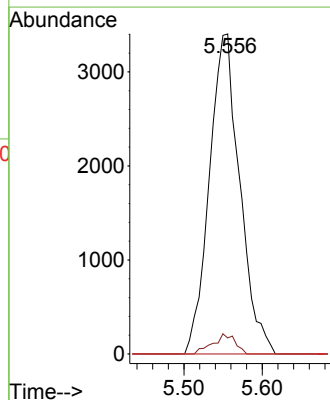
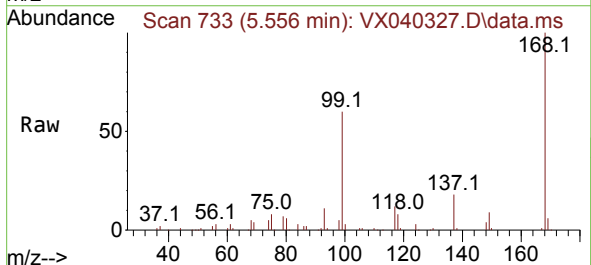
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

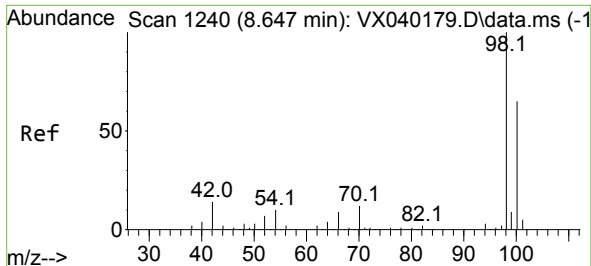
Tgt Ion: 75 Resp: 7510
Ion Ratio Lower Upper
75 100
110 10.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.537 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX040327.D
Acq: 19 Feb 2024 13:53

Tgt Ion: 117 Resp: 9201
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#

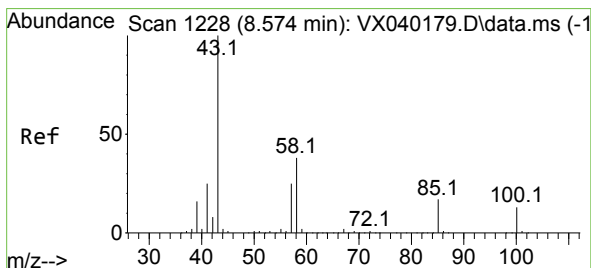
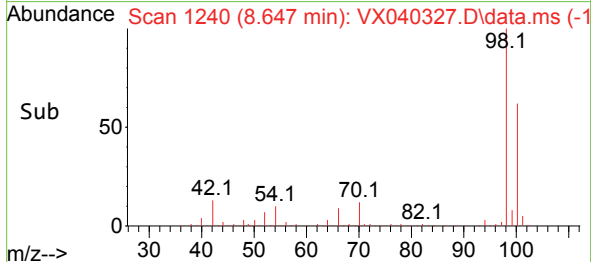
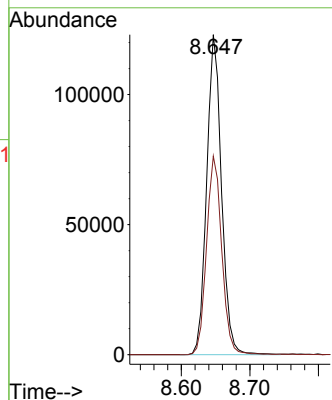
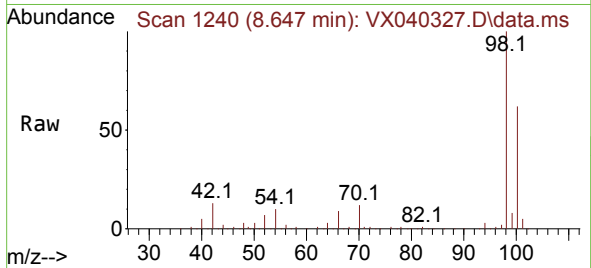




#50
Toluene-d8
Concen: 46.918 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040327.D
Acq: 19 Feb 2024 13:53

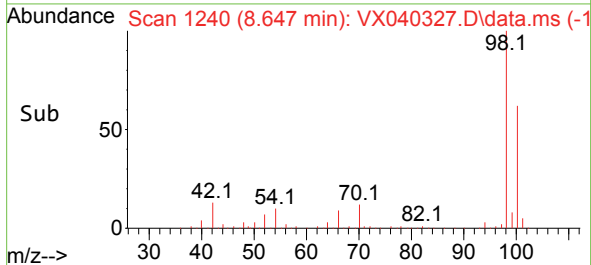
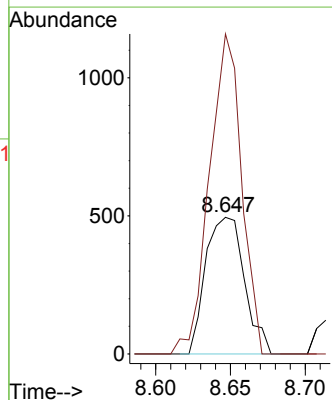
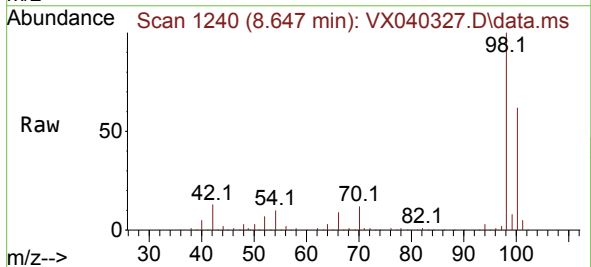
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

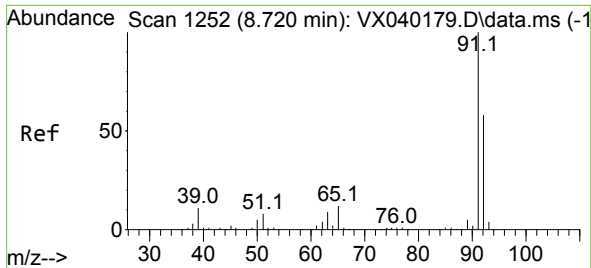
Tgt Ion: 98 Resp: 185455
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.508 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX040327.D
Acq: 19 Feb 2024 13:53

Tgt Ion: 43 Resp: 891
Ion Ratio Lower Upper
43 100
58 194.8 30.4 45.6#

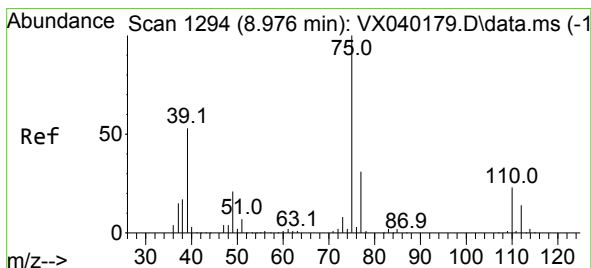
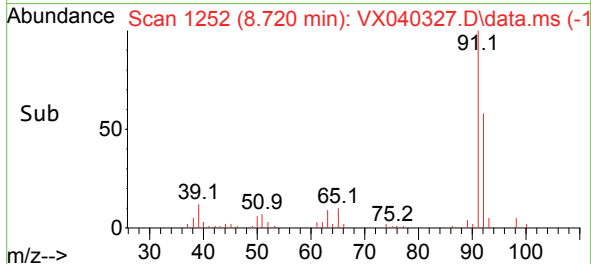
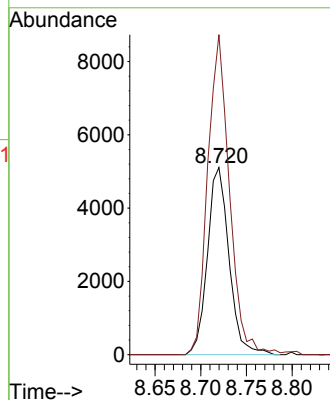
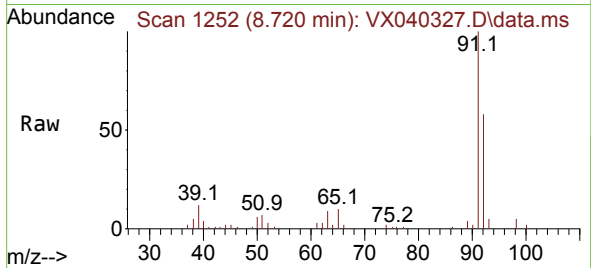




#52
Toluene
Concen: 3.096 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040327.D
Acq: 19 Feb 2024 13:53

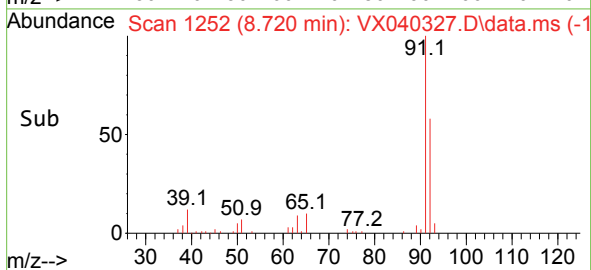
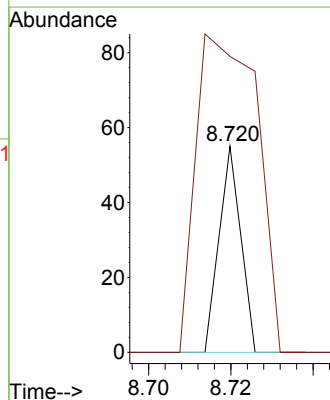
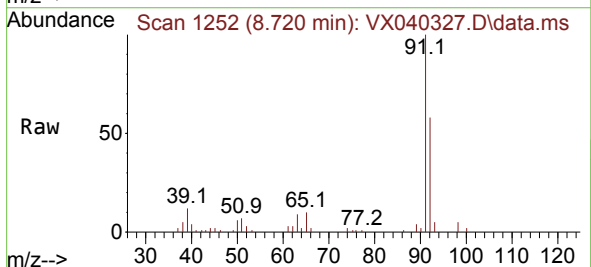
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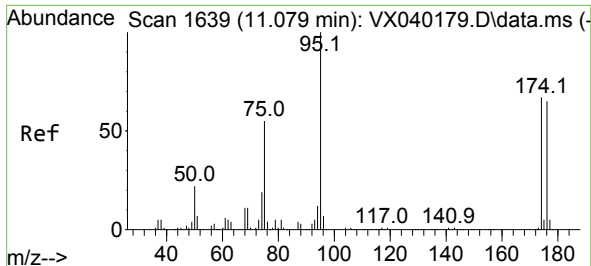
Tgt Ion: 92 Resp: 8395
Ion Ratio Lower Upper
92 100
91 172.0 134.2 201.2



#53
t-1,3-Dichloropropene
Concen: 1.970 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.256 min
Lab File: VX040327.D
Acq: 19 Feb 2024 13:53

Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
77 143.6 25.7 38.5#

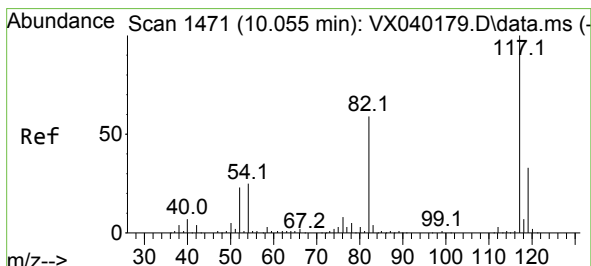
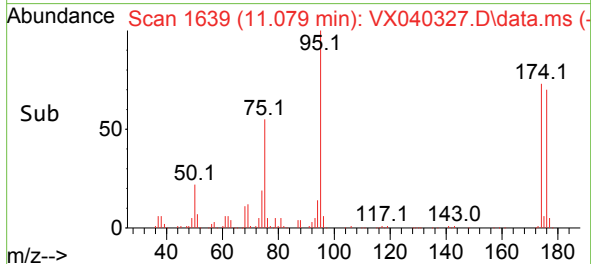
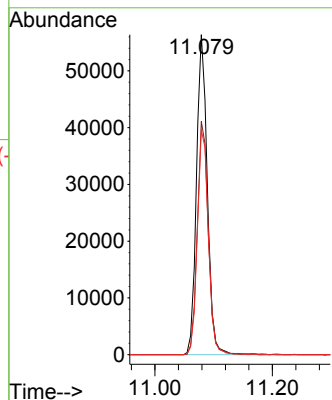
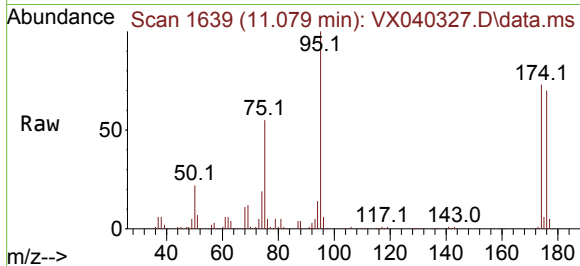




#62
4-Bromofluorobenzene
Concen: 44.681 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040327.D
Acq: 19 Feb 2024 13:53

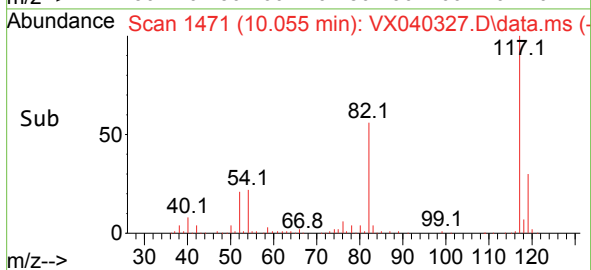
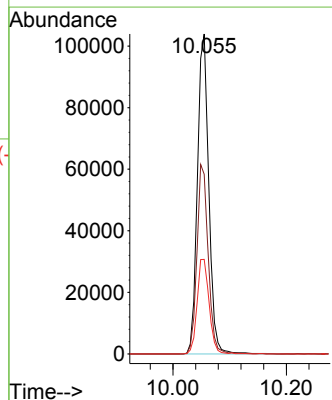
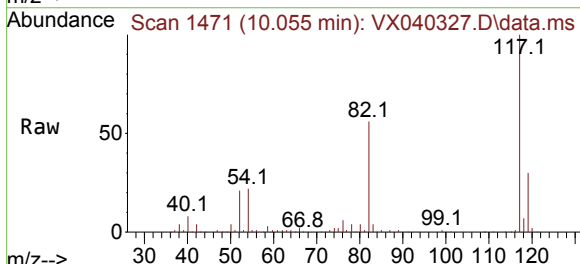
Instrument :
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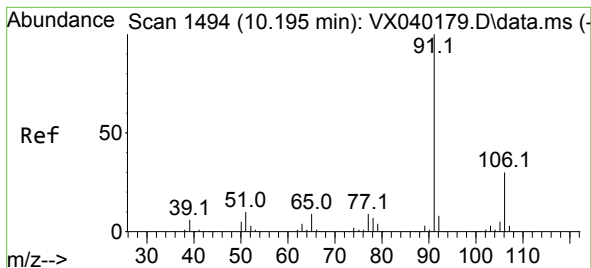
Tgt Ion: 95 Resp: 72030
Ion Ratio Lower Upper
95 100
174 73.9 0.0 135.6
176 71.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040327.D
Acq: 19 Feb 2024 13:53

Tgt Ion: 117 Resp: 144216
Ion Ratio Lower Upper
117 100
82 56.1 46.2 69.4
119 29.5 25.5 38.3

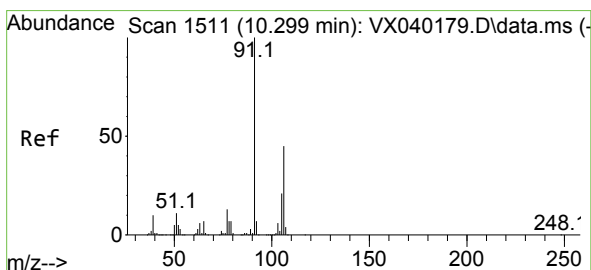
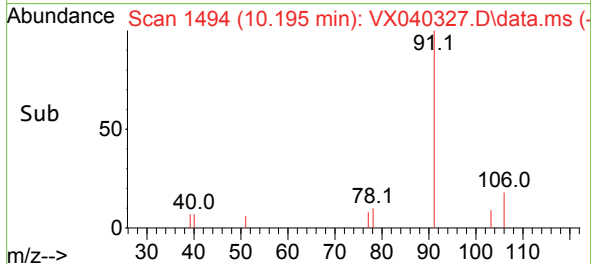
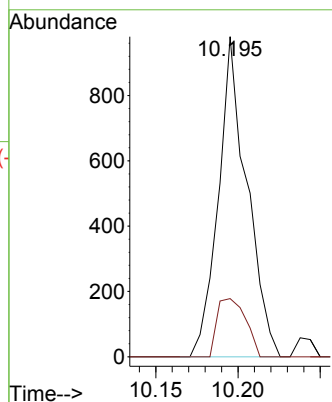
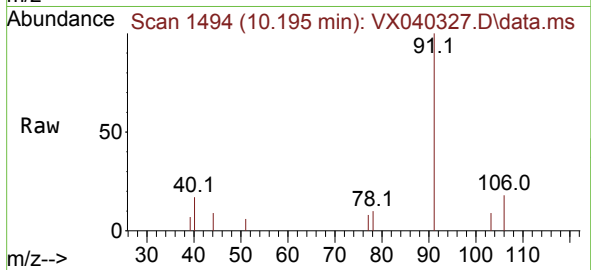




#67
Ethyl Benzene
Concen: 0.221 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX040327.D
Acq: 19 Feb 2024 13:53

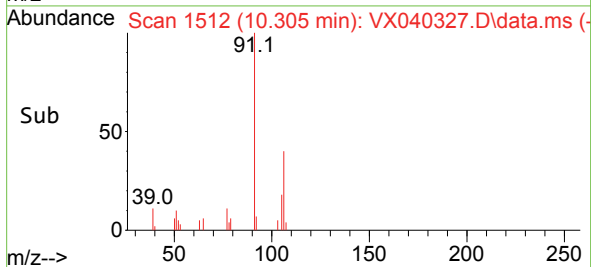
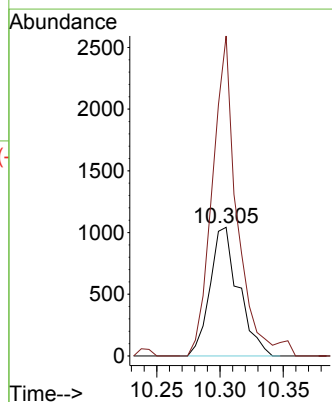
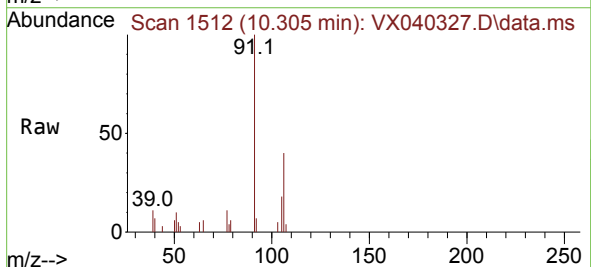
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

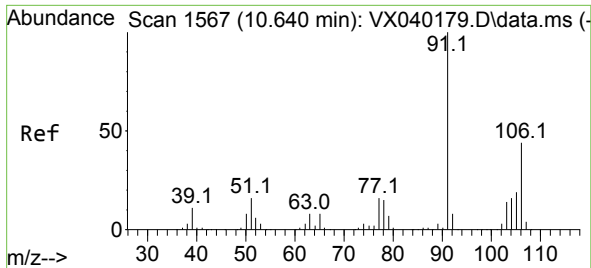
Tgt Ion: 91 Resp: 1182
Ion Ratio Lower Upper
91 100
106 18.2 24.9 37.3#



#68
m/p-Xylenes
Concen: 0.813 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX040327.D
Acq: 19 Feb 2024 13:53

Tgt Ion: 106 Resp: 1646
Ion Ratio Lower Upper
106 100
91 214.9 165.5 248.3

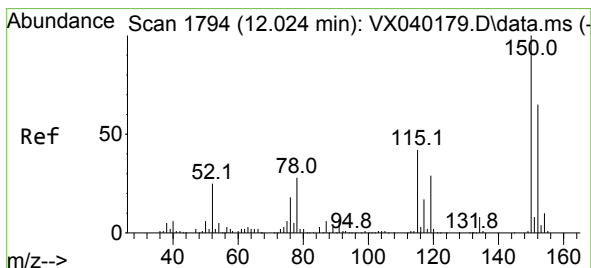
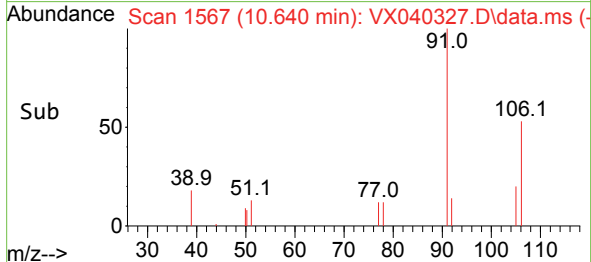
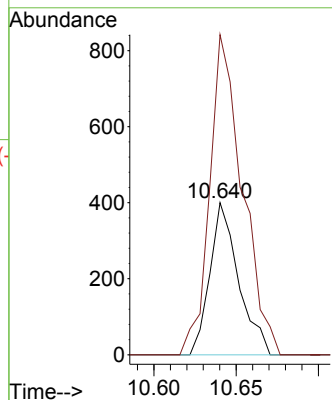
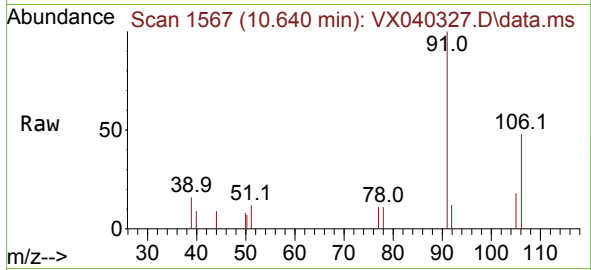




#69
o-Xylene
Concen: 0.247 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040327.D
Acq: 19 Feb 2024 13:53

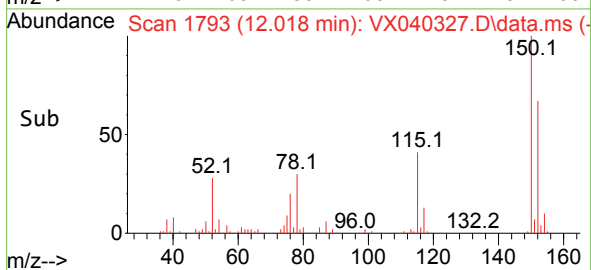
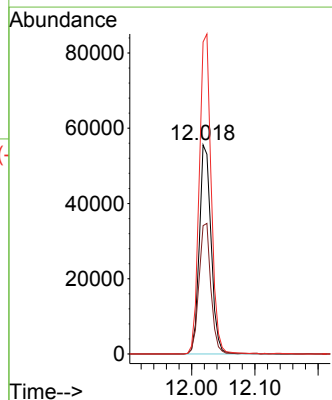
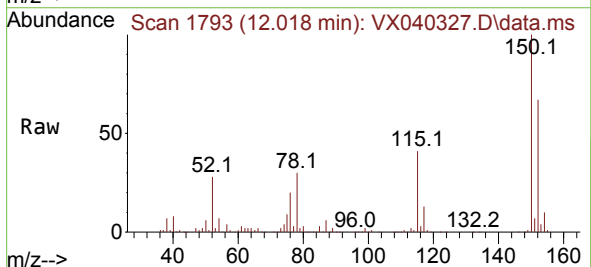
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

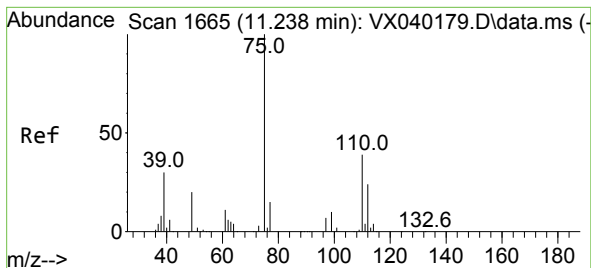
Tgt Ion:106 Resp: 485
Ion Ratio Lower Upper
106 100
91 240.6 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX040327.D
Acq: 19 Feb 2024 13:53

Tgt Ion:152 Resp: 72267
Ion Ratio Lower Upper
152 100
115 63.0 43.3 129.9
150 155.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.835 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040327.D

Acq: 19 Feb 2024 13:53

Instrument :

MSVOA_X

ClientSampleId :

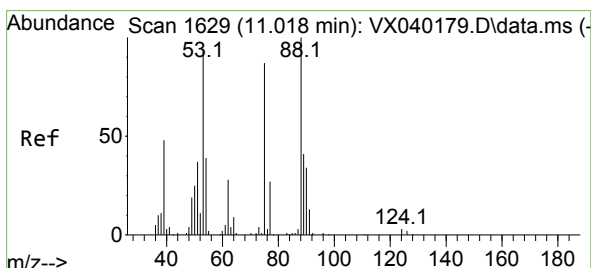
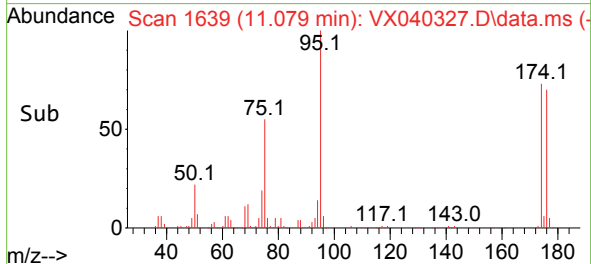
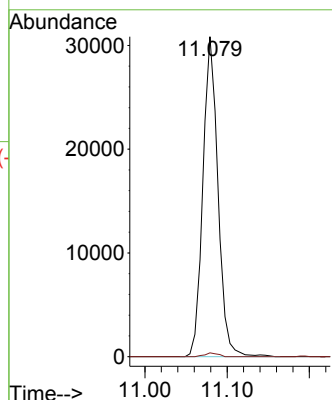
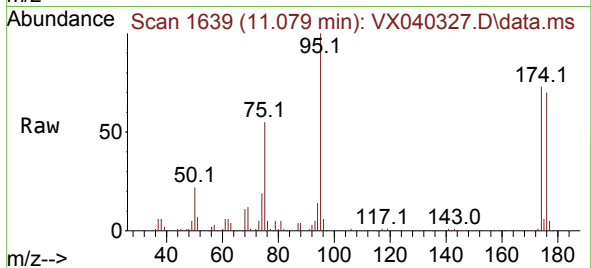
VIBLK

Tgt Ion: 75 Resp: 39272

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.557 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040327.D

Acq: 19 Feb 2024 13:53

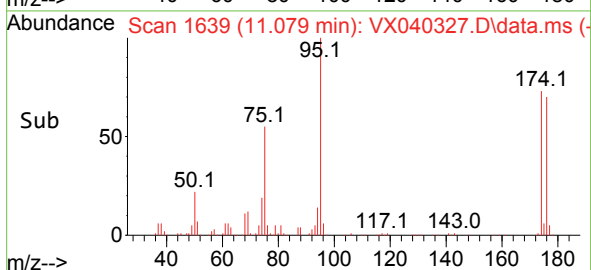
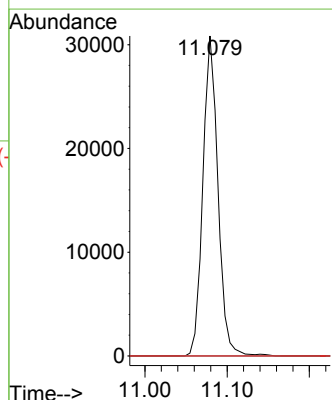
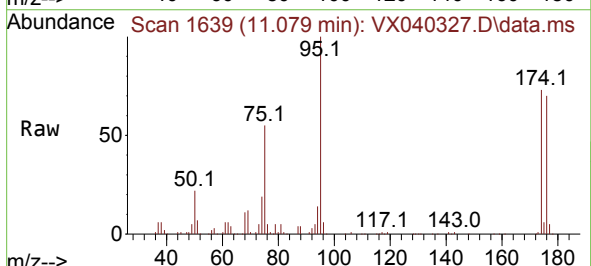
Tgt Ion: 75 Resp: 39272

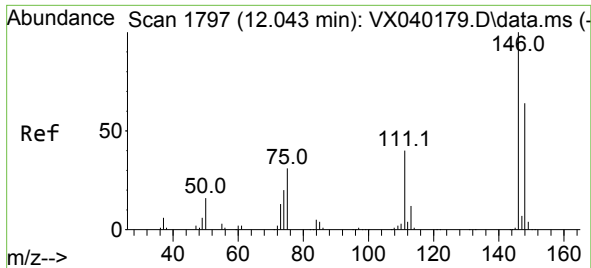
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#88
 1,4-Dichlorobenzene
 Concen: 0.204 ug/l
 RT: 12.036 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX040327.D
 Acq: 19 Feb 2024 13:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Tgt Ion:146 Resp: 515
 Ion Ratio Lower Upper
 146 100
 111 217.5 21.3 63.7#
 148 113.8 31.8 95.4#

