

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
 Data File : VX041112.D
 Acq On : 16 Apr 2024 18:01
 Operator : JC/MD
 Sample : P2113-04 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 403

Quant Time: Apr 17 02:13:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 02:04:44 2024
 Response via : Initial Calibration

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

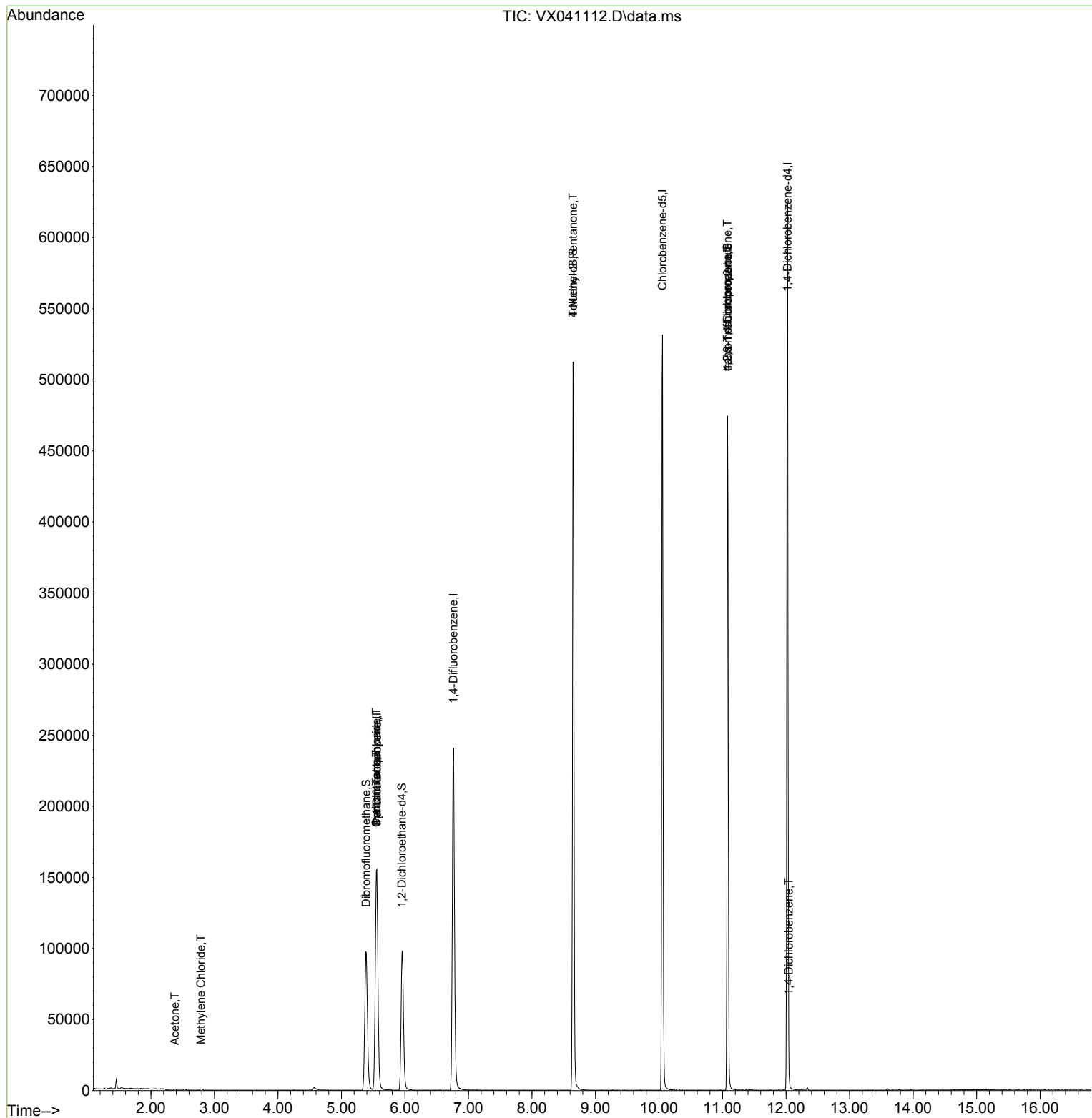
Internal Standards						
1) Pentafluorobenzene	5.556	168	169912	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	258057	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	257537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96760	52.746	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.500%
35) Dibromofluoromethane	5.385	113	84323	48.915	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.840%
50) Toluene-d8	8.647	98	306700	50.793	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.580%
62) 4-Bromofluorobenzene	11.079	95	115933	50.578	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.160%
Target Compounds						
						Qvalue
16) Acetone	2.380	43	841	1.091	ug/l	97
20) Methylene Chloride	2.788	84	677	0.411	ug/l #	70
31) Cyclohexane	5.550	56	2809	1.236	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10451	4.789	ug/l #	51
38) Carbon Tetrachloride	5.550	117	14496	5.728	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1235	0.470	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	58651	24.585	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	58651	62.872	ug/l #	5
88) 1,4-Dichlorobenzene	12.042	146	1041	0.206	ug/l #	49

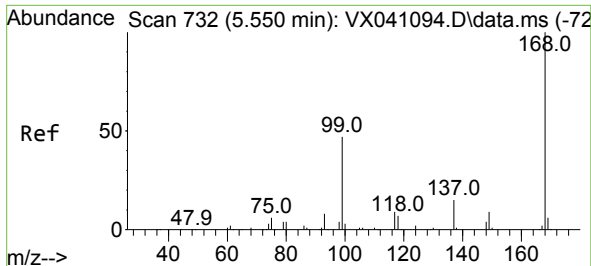
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
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Quant Time: Apr 17 02:13:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 02:04:44 2024
Response via : Initial Calibration

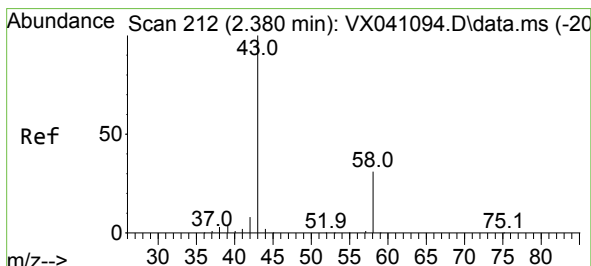
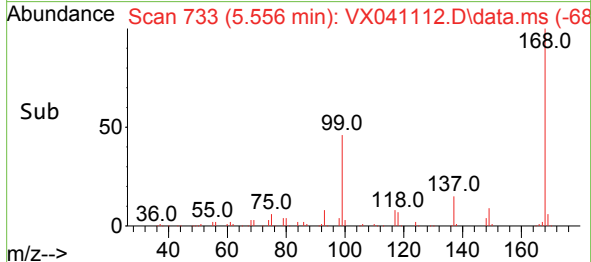
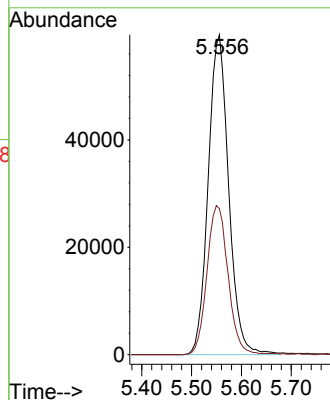
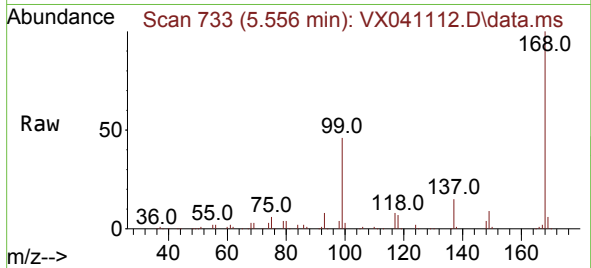




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX041112.D
Acq: 16 Apr 2024 18:01

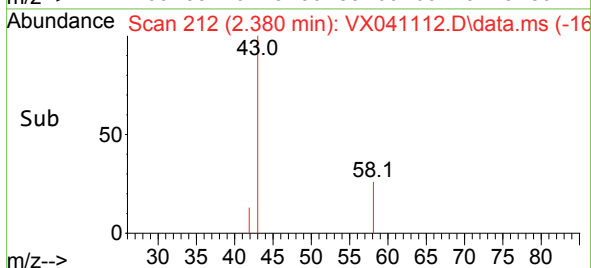
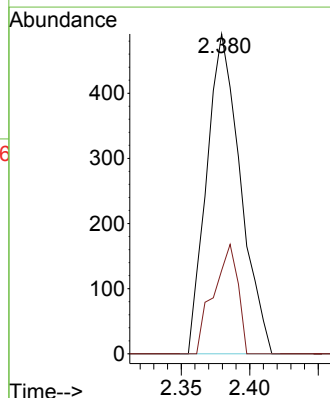
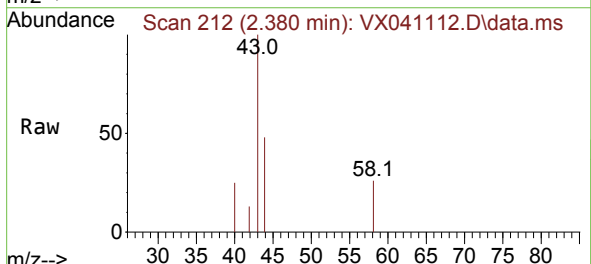
Instrument :
MSVOA_X
ClientSampleId :
403

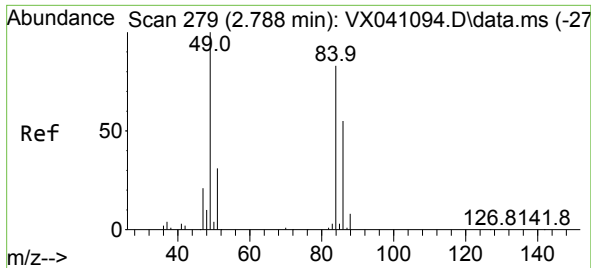
Tgt Ion:168 Resp: 169912
Ion Ratio Lower Upper
168 100
99 45.7 56.6 85.0#



#16
Acetone
Concen: 1.091 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX041112.D
Acq: 16 Apr 2024 18:01

Tgt Ion: 43 Resp: 841
Ion Ratio Lower Upper
43 100
58 26.1 21.9 32.9

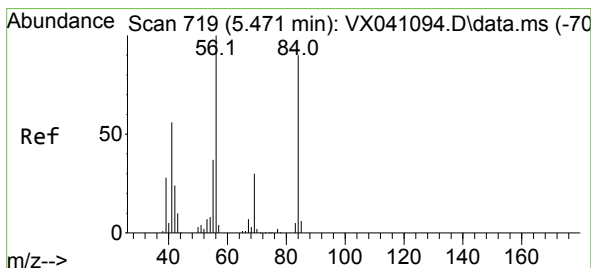
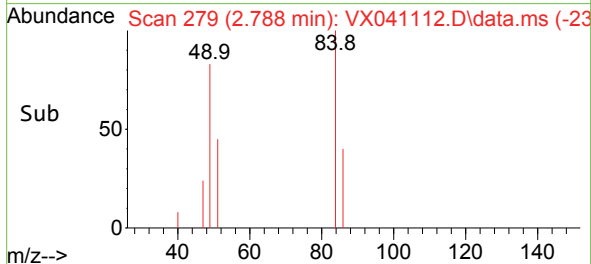
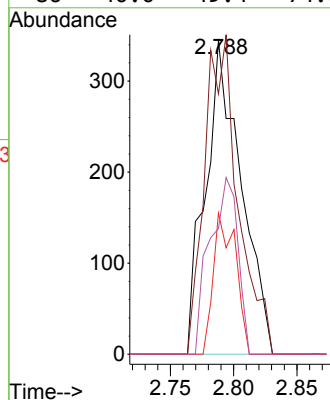
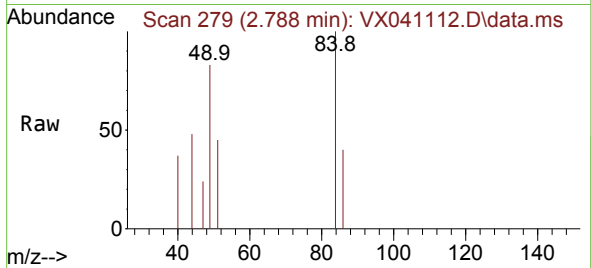




#20
Methylene Chloride
Concen: 0.411 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX041112.D
Acq: 16 Apr 2024 18:01

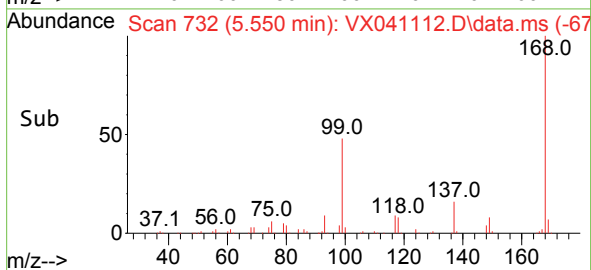
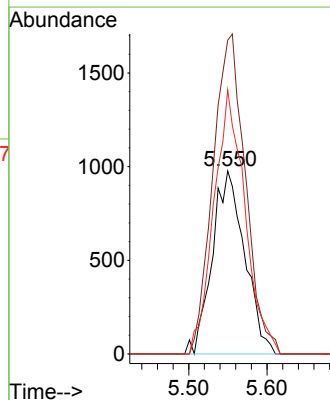
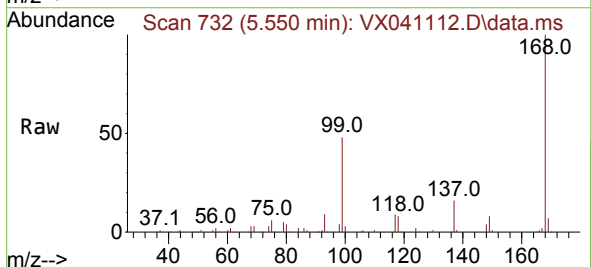
Instrument :
MSVOA_X
ClientSampleId :
403

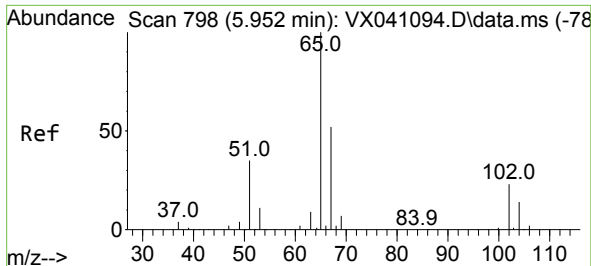
Tgt Ion:	84	Resp:	677
Ion	Ratio	Lower	Upper
84	100		
49	82.9	103.6	155.4#
51	44.9	33.8	50.6
86	40.0	49.4	74.0#



#31
Cyclohexane
Concen: 1.236 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX041112.D
Acq: 16 Apr 2024 18:01

Tgt Ion:	56	Resp:	2809
Ion	Ratio	Lower	Upper
56	100		
69	171.4	23.4	35.2#
84	144.3	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 52.746 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX041112.D

Acq: 16 Apr 2024 18:01

Instrument :

MSVOA_X

ClientSampleId :

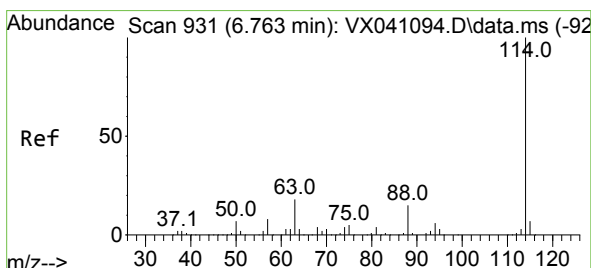
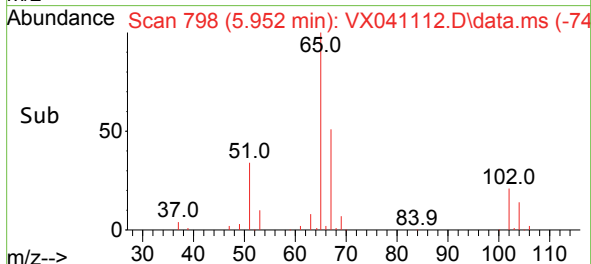
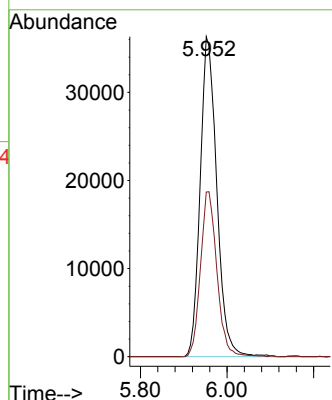
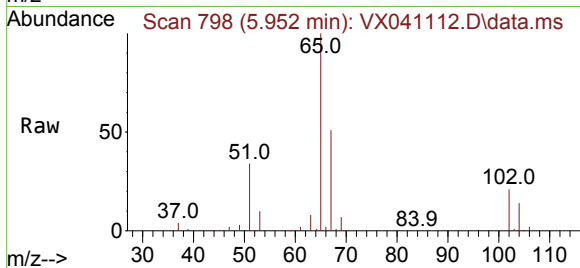
403

Tgt Ion: 65 Resp: 96760

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# 931

Delta R.T. -0.000 min

Lab File: VX041112.D

Acq: 16 Apr 2024 18:01

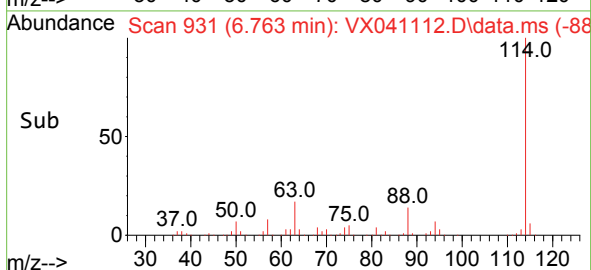
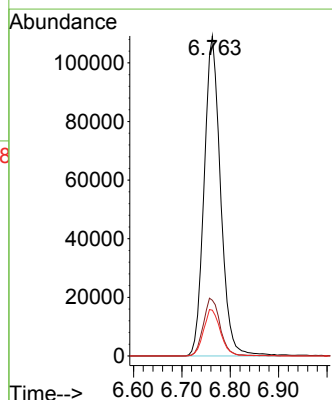
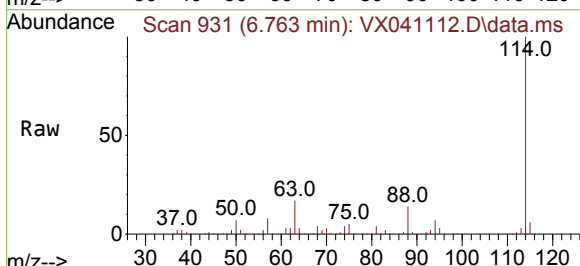
Tgt Ion: 114 Resp: 258057

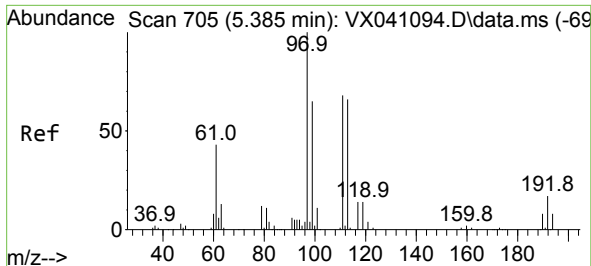
Ion Ratio Lower Upper

114 100

63 17.4 0.0 45.0

88 14.3 0.0 36.6

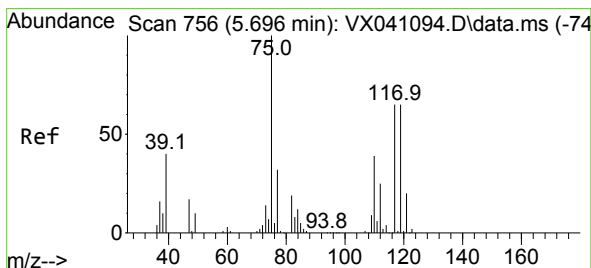
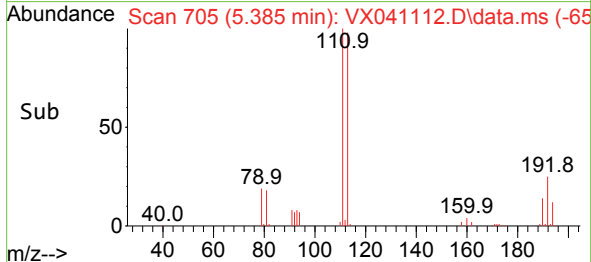
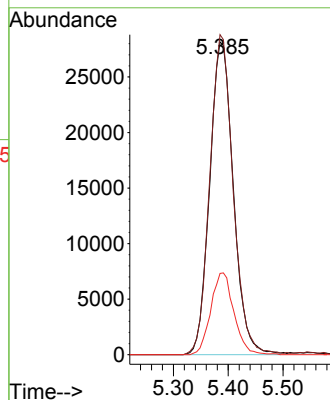
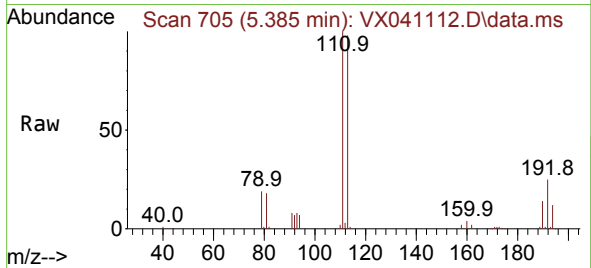




#35
Dibromofluoromethane
Concen: 48.915 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041112.D
Acq: 16 Apr 2024 18:01

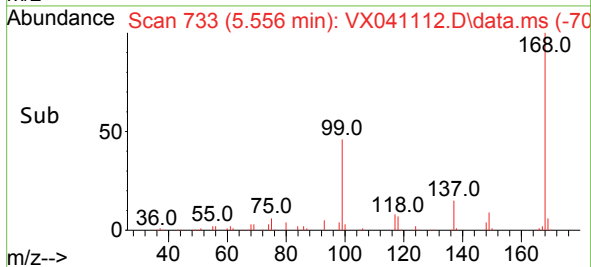
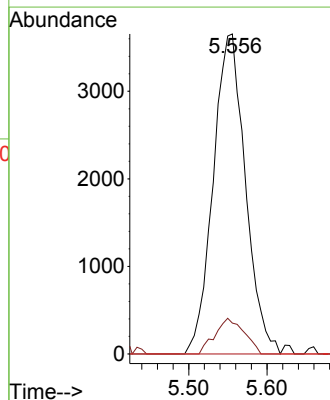
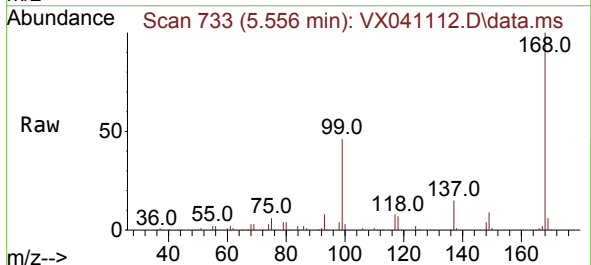
Instrument :
MSVOA_X
ClientSampleId :
403

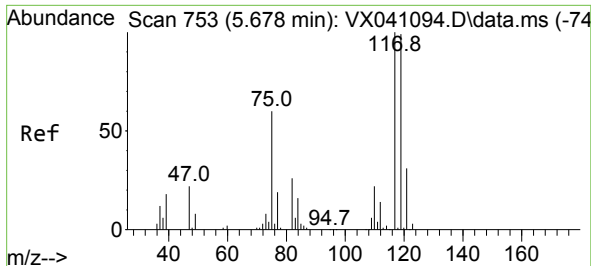
Tgt Ion:113 Resp: 84323
Ion Ratio Lower Upper
113 100
111 101.0 82.9 124.3
192 25.6 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.789 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX041112.D
Acq: 16 Apr 2024 18:01

Tgt Ion: 75 Resp: 10451
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#

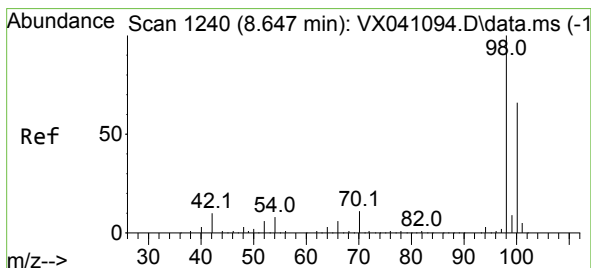
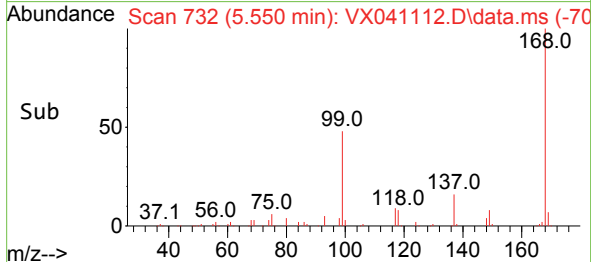
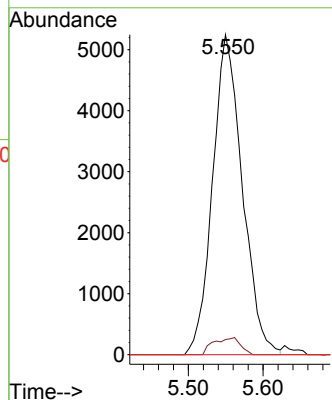
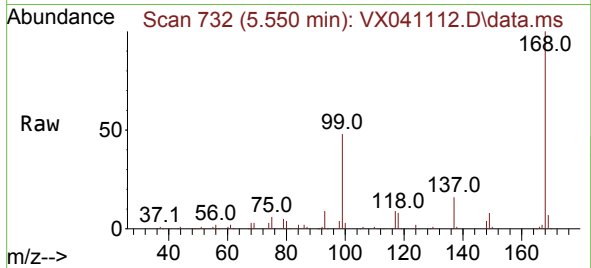




#38
Carbon Tetrachloride
Concen: 5.728 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX041112.D
Acq: 16 Apr 2024 18:01

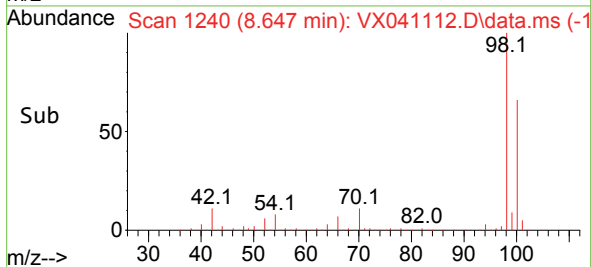
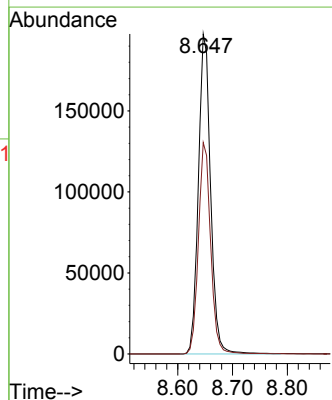
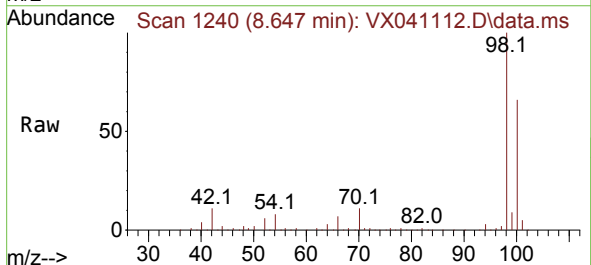
Instrument :
MSVOA_X
ClientSampleId :
403

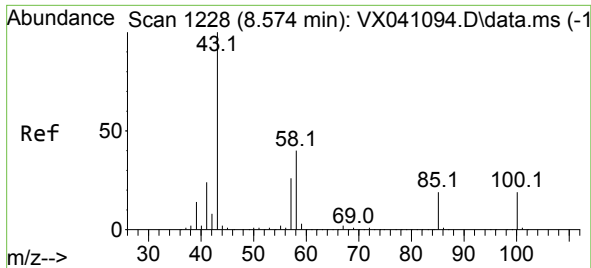
Tgt Ion:117 Resp: 14496
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.793 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041112.D
Acq: 16 Apr 2024 18:01

Tgt Ion: 98 Resp: 306700
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7

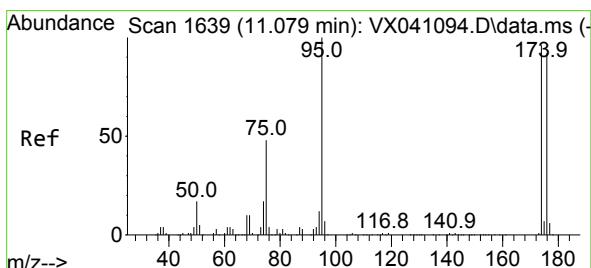
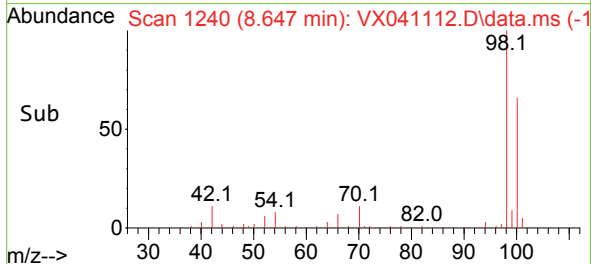
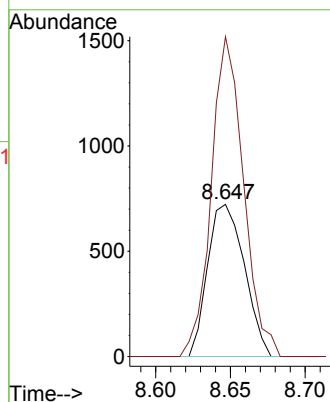
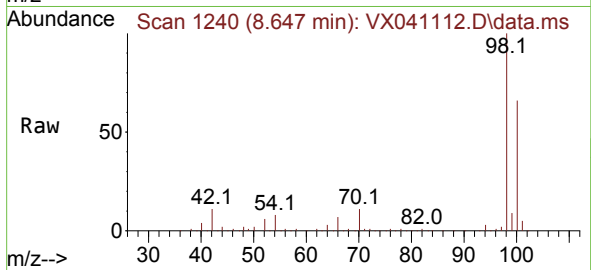




#51
4-Methyl-2-Pentanone
Concen: 0.470 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX041112.D
Acq: 16 Apr 2024 18:01

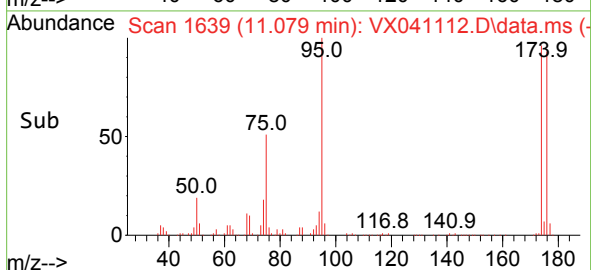
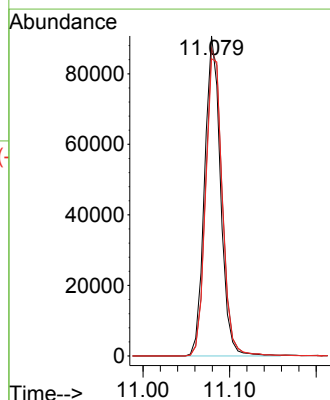
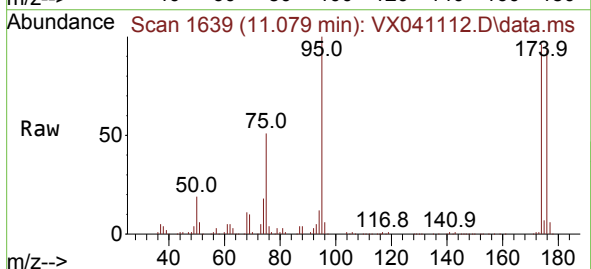
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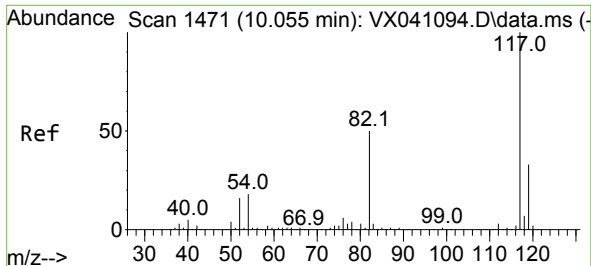
Tgt Ion: 43 Resp: 1235
Ion Ratio Lower Upper
43 100
58 184.5 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.578 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041112.D
Acq: 16 Apr 2024 18:01

Tgt Ion: 95 Resp: 115933
Ion Ratio Lower Upper
95 100
174 100.1 0.0 135.6
176 97.9 0.0 131.0

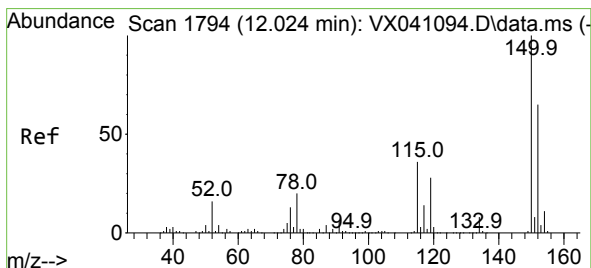
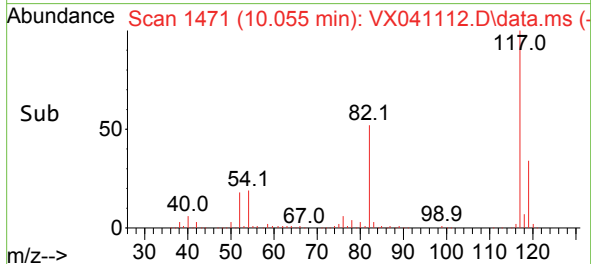
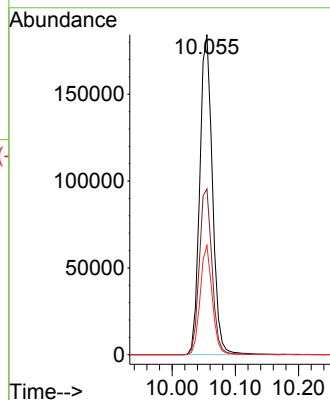
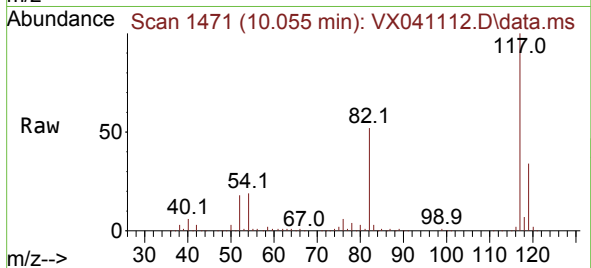




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041112.D
Acq: 16 Apr 2024 18:01

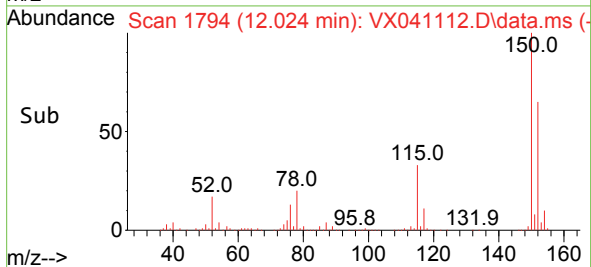
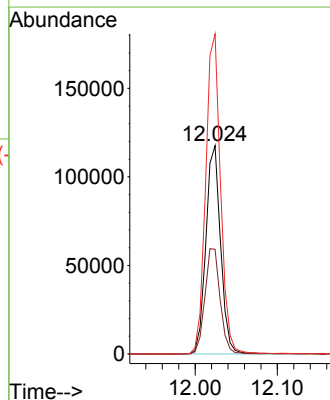
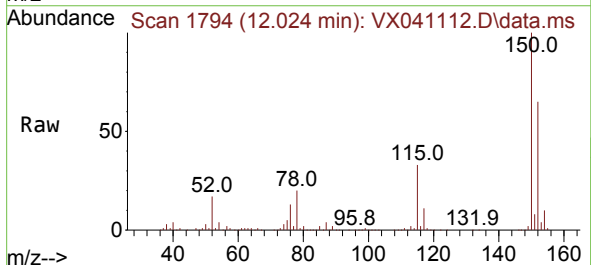
Instrument :
MSVOA_X
ClientSampleId :
403

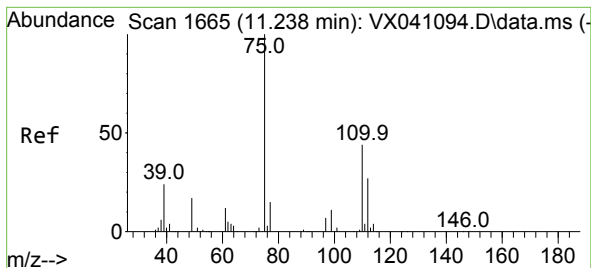
Tgt Ion:117 Resp: 257537
Ion Ratio Lower Upper
117 100
82 51.8 46.2 69.4
119 34.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX041112.D
Acq: 16 Apr 2024 18:01

Tgt Ion:152 Resp: 146394
Ion Ratio Lower Upper
152 100
115 52.3 43.3 129.9
150 155.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.585 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041112.D

Acq: 16 Apr 2024 18:01

Instrument :

MSVOA_X

ClientSampleId :

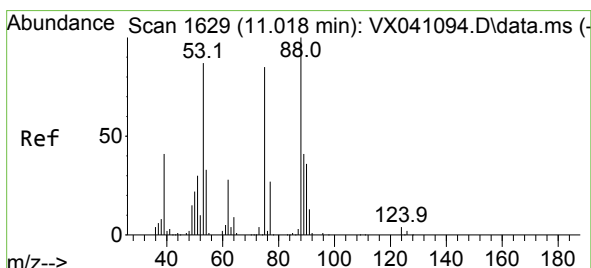
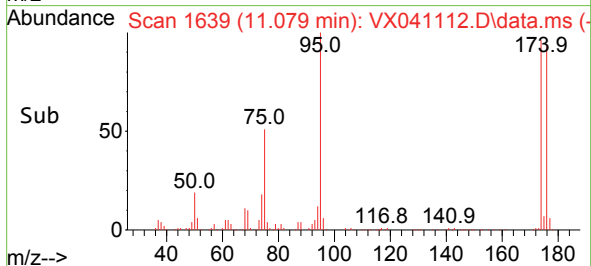
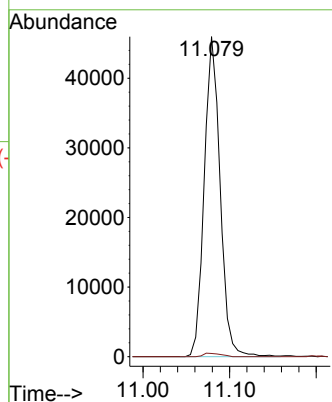
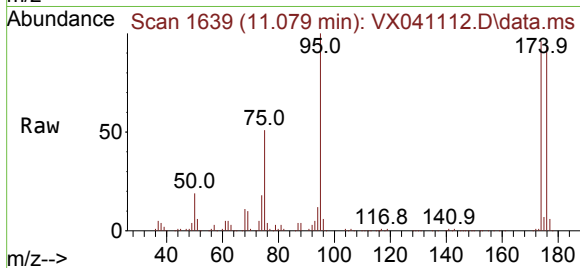
403

Tgt Ion: 75 Resp: 58651

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.872 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041112.D

Acq: 16 Apr 2024 18:01

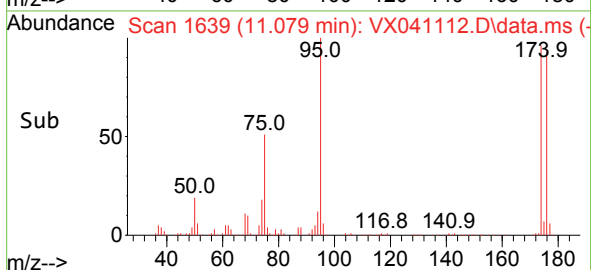
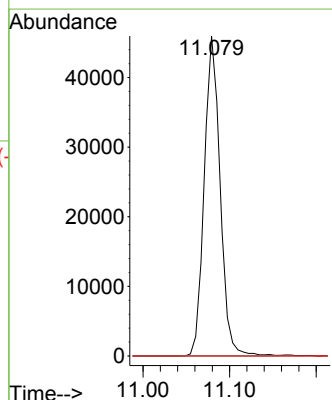
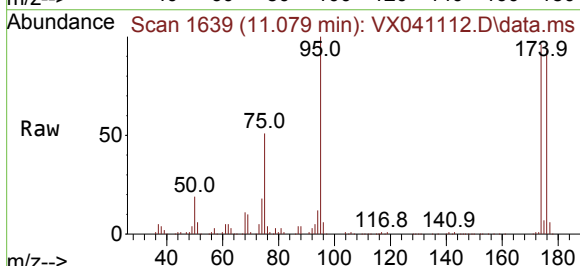
Tgt Ion: 75 Resp: 58651

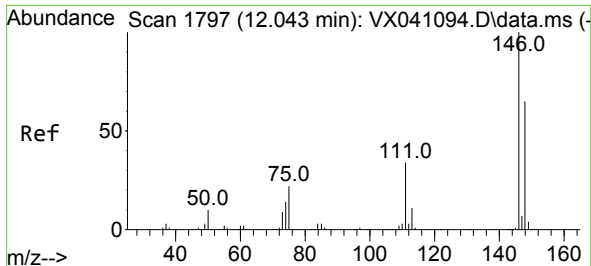
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#88

1,4-Dichlorobenzene

Concen: 0.206 ug/l

RT: 12.042 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX041112.D

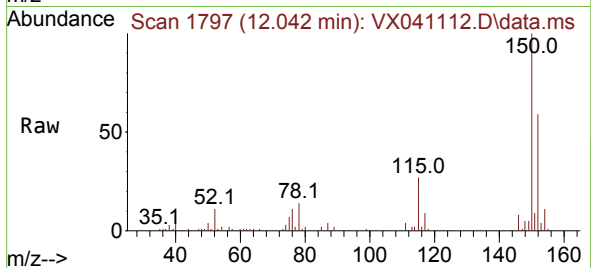
Acq: 16 Apr 2024 18:01

Instrument :

MSVOA_X

ClientSampleId :

403



Tgt Ion:	146	Resp:	1041
Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.3	63.7#
148	95.1	31.8	95.4

