

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021724\
 Data File : VX040307.D
 Acq On : 17 Feb 2024 17:03
 Operator : JC/MD
 Sample : P1506-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 19 03:59:21 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)

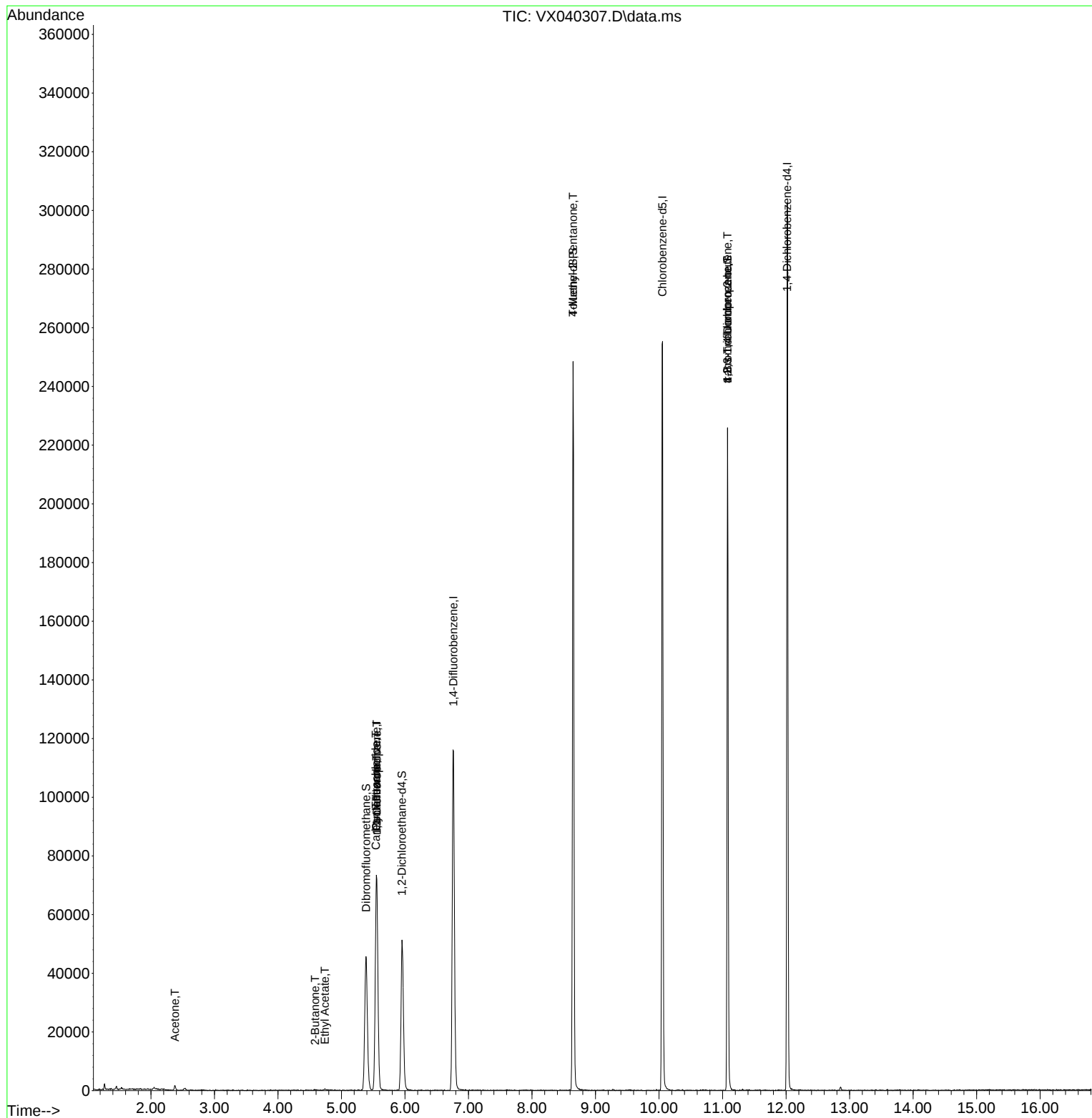
Internal Standards						
1) Pentafluorobenzene	5.550	168	71665	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	118990	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	48651	45.632	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.260%		
35) Dibromofluoromethane	5.385	113	39986	48.120	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.240%		
50) Toluene-d8	8.647	98	144526	46.496	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.000%		
62) 4-Bromofluorobenzene	11.079	95	58253	45.951	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.900%		
Target Compounds						
						Qvalue
16) Acetone	2.379	43	1524	3.480	ug/l	# 81
25) 2-Butanone	4.586	43	534	0.780	ug/l	# 51
31) Cyclohexane	5.550	56	1580	1.242	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	5636	4.842	ug/l	# 50
37) Ethyl Acetate	4.739	43	738	0.570	ug/l	# 69
38) Carbon Tetrachloride	5.544	117	7215	6.519	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	734	0.532	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	30478	24.139	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	30478	66.522	ug/l	# 5

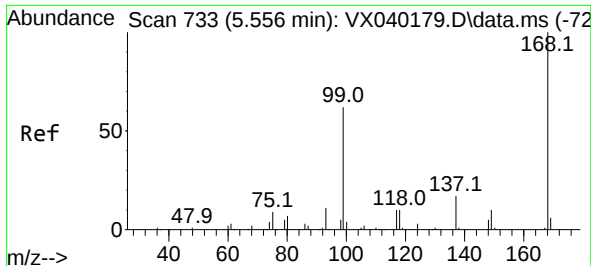
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

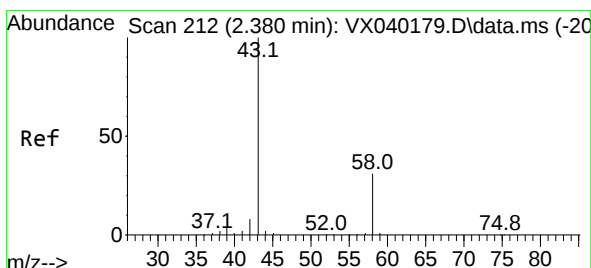
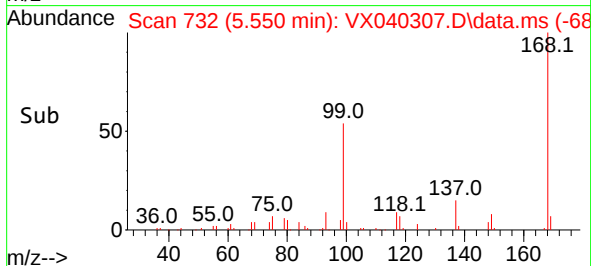
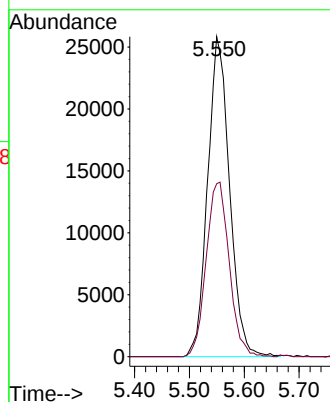
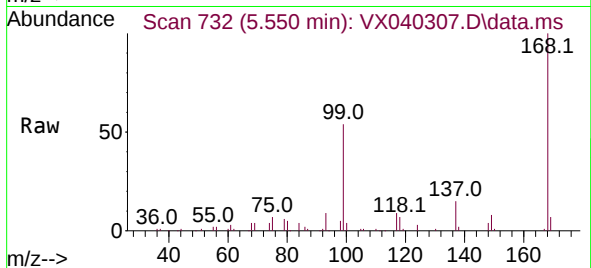




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040307.D
Acq: 17 Feb 2024 17:03

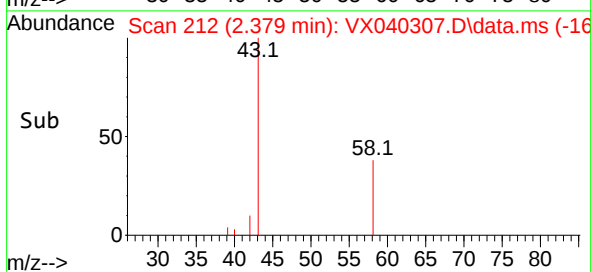
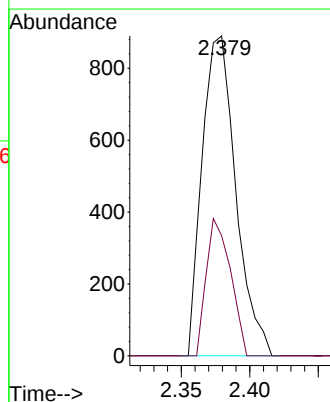
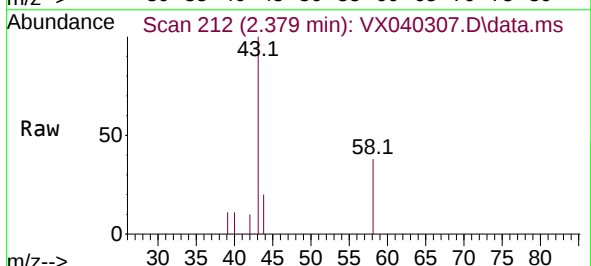
Instrument :
MSVOA_X
ClientSampleId :

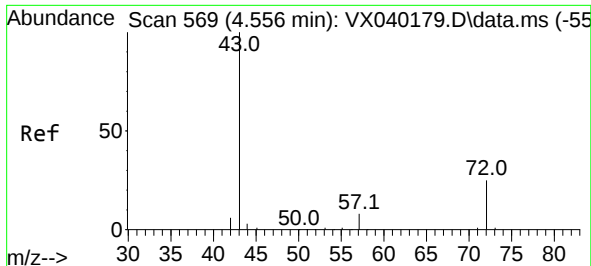
Tgt Ion:168 Resp: 71665
Ion Ratio Lower Upper
168 100
99 54.1 56.6 85.0#



#16
Acetone
Concen: 3.480 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040307.D
Acq: 17 Feb 2024 17:03

Tgt Ion: 43 Resp: 1524
Ion Ratio Lower Upper
43 100
58 37.5 21.9 32.9#

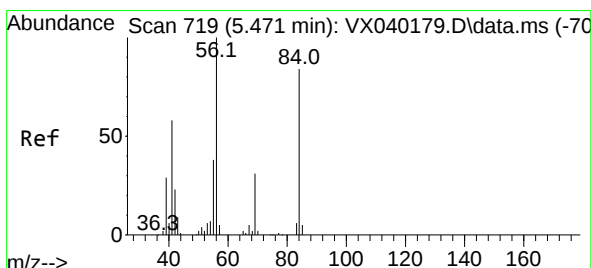
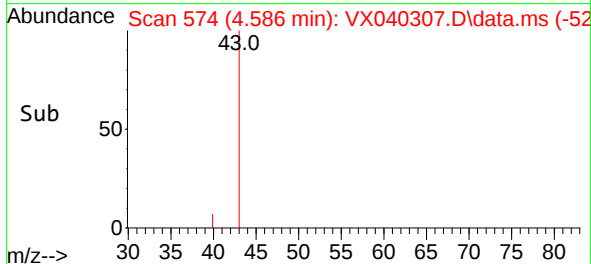
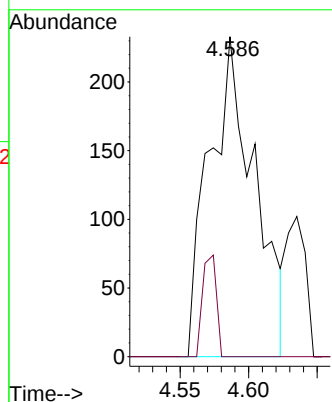
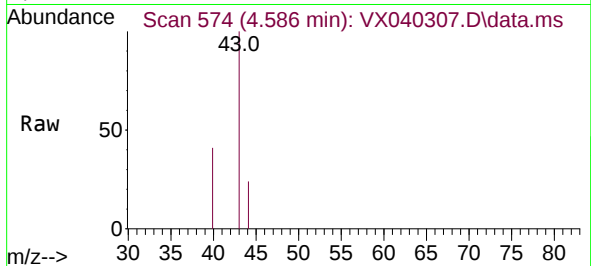




#25
2-Butanone
Concen: 0.780 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX040307.D
Acq: 17 Feb 2024 17:03

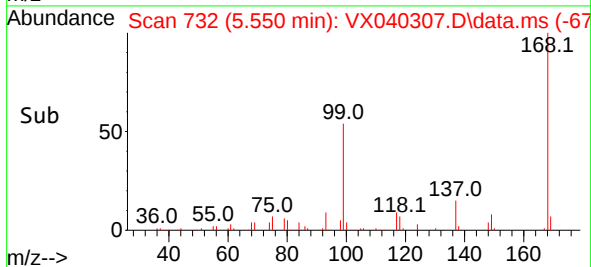
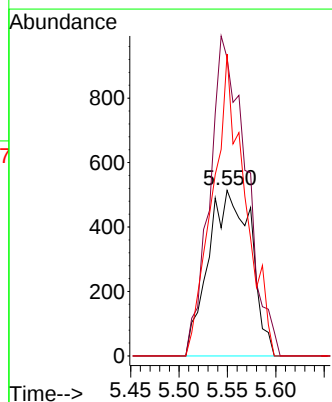
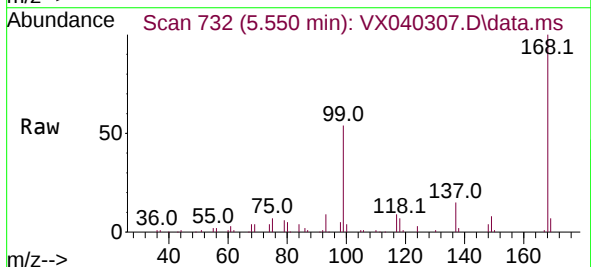
Instrument :
MSVOA_X
ClientSampleId :

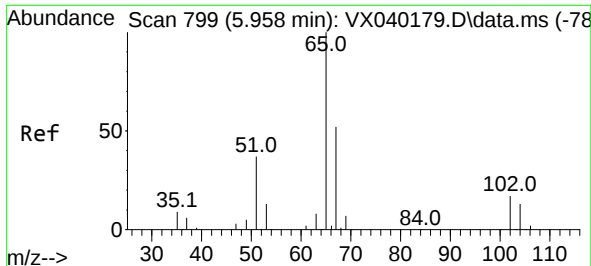
Tgt Ion: 43 Resp: 534
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.242 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX040307.D
Acq: 17 Feb 2024 17:03

Tgt Ion: 56 Resp: 1580
Ion Ratio Lower Upper
56 100
69 180.0 23.4 35.2#
84 182.3 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.632 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040307.D

Acq: 17 Feb 2024 17:03

Instrument :

MSVOA_X

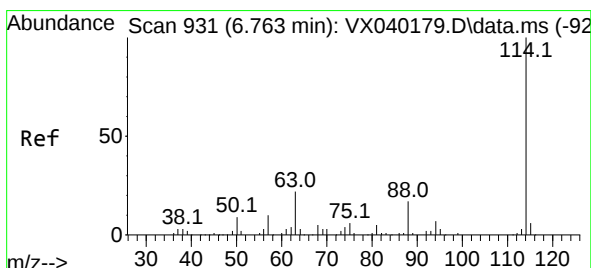
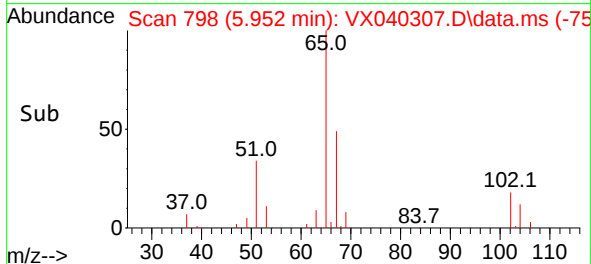
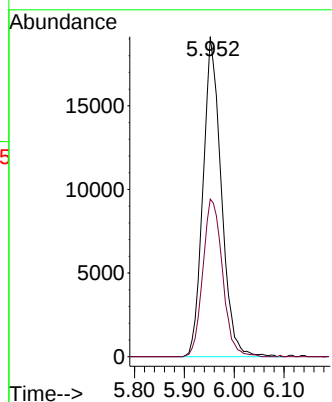
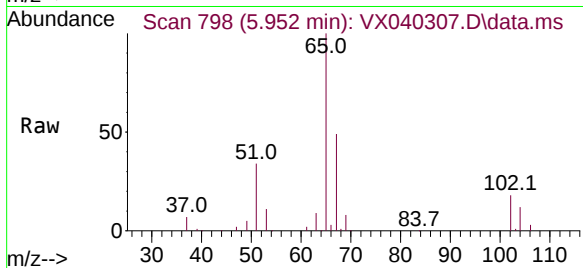
ClientSampleId :

Tgt Ion: 65 Resp: 48651

Ion Ratio Lower Upper

65 100

67 52.9 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: VX040307.D

Acq: 17 Feb 2024 17:03

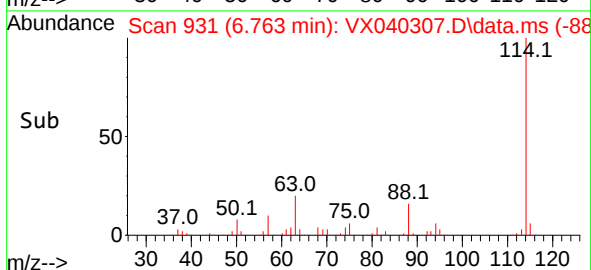
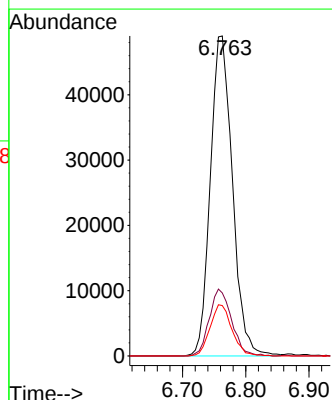
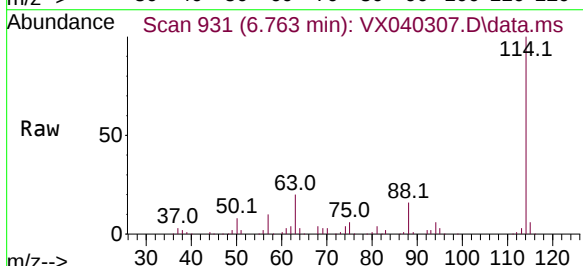
Tgt Ion: 114 Resp: 118990

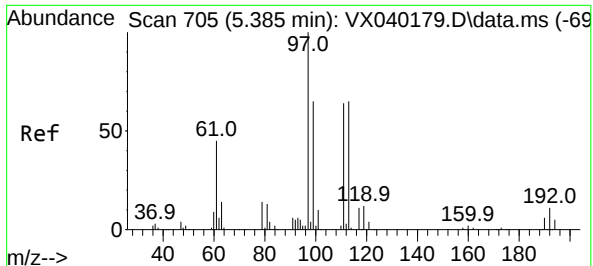
Ion Ratio Lower Upper

114 100

63 19.7 0.0 45.0

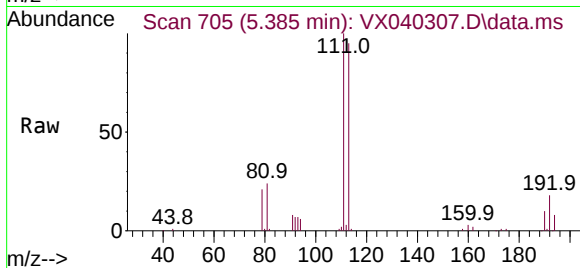
88 15.7 0.0 36.6



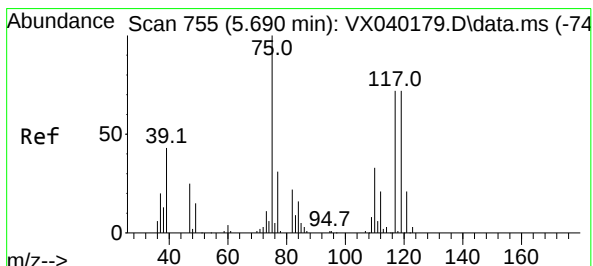
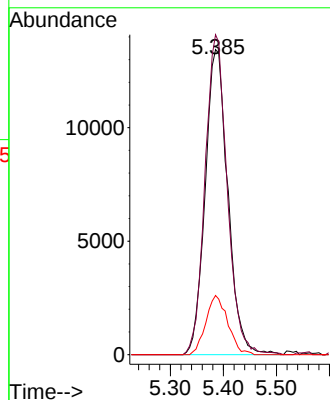
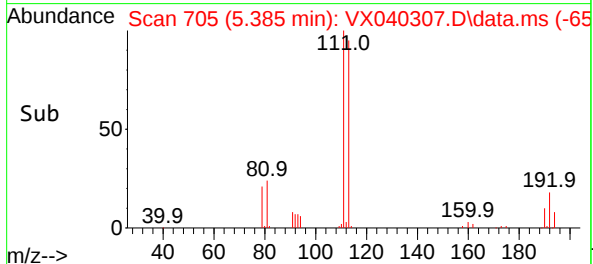


#35
Dibromofluoromethane
Concen: 48.120 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040307.D
Acq: 17 Feb 2024 17:03

Instrument :
MSVOA_X
ClientSampleId :

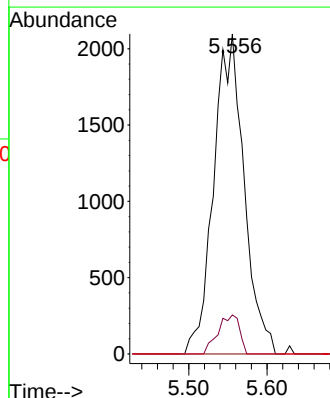
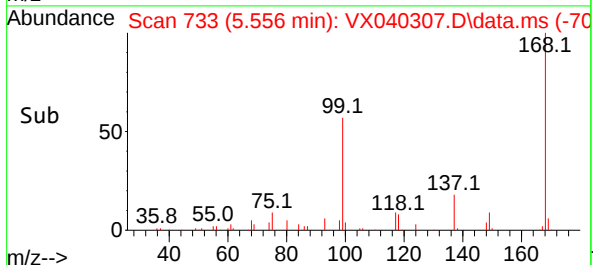
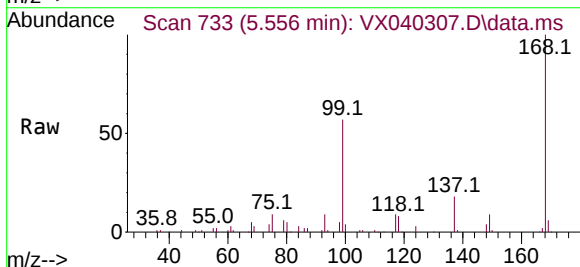


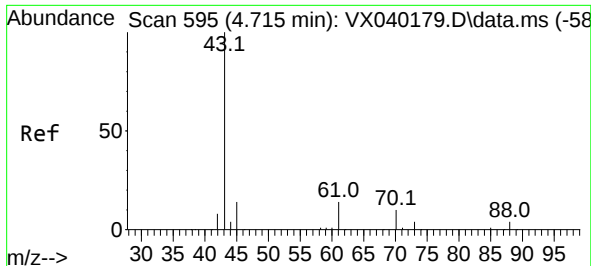
Tgt Ion:113 Resp: 39986
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 18.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.842 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX040307.D
Acq: 17 Feb 2024 17:03

Tgt Ion: 75 Resp: 5636
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.570 ug/l

RT: 4.739 min Scan# 599

Delta R.T. 0.018 min

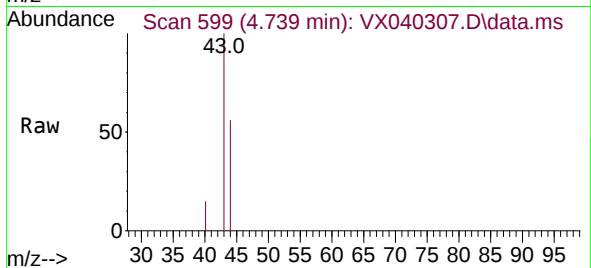
Lab File: VX040307.D

Acq: 17 Feb 2024 17:03

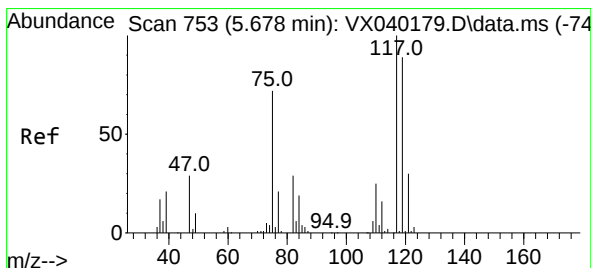
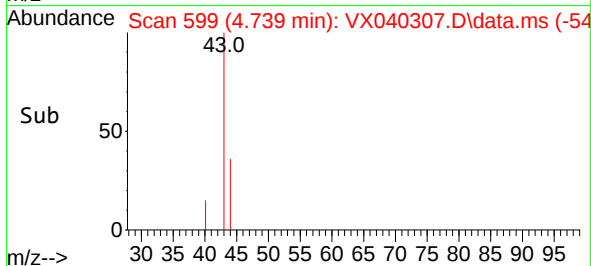
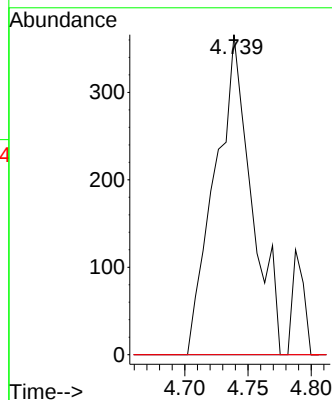
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	43	Resp:	738
Ion Ratio	100	Lower	Upper
61	0.0	10.6	16.0#
70	0.0	8.3	12.5#



#38

Carbon Tetrachloride

Concen: 6.519 ug/l

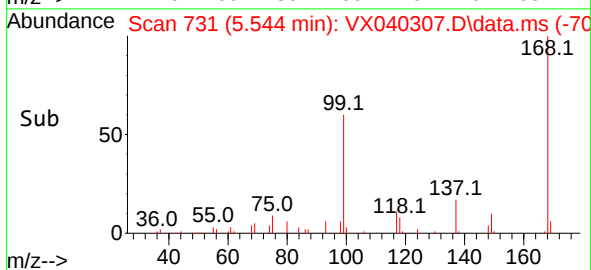
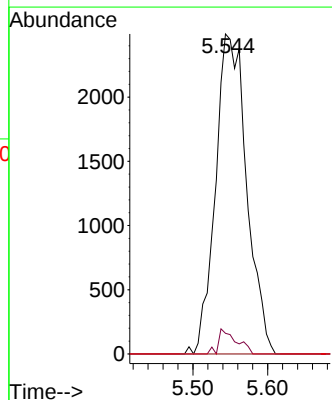
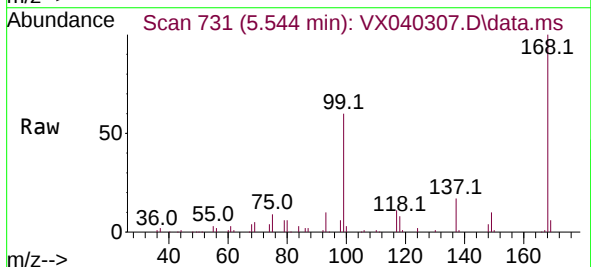
RT: 5.544 min Scan# 731

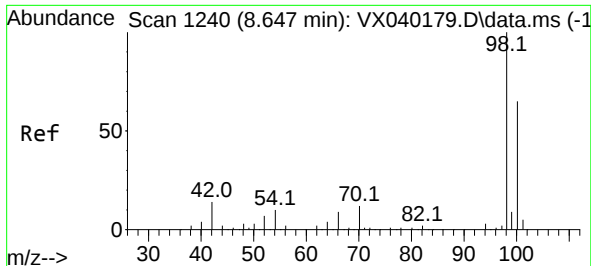
Delta R.T. -0.128 min

Lab File: VX040307.D

Acq: 17 Feb 2024 17:03

Tgt Ion:	117	Resp:	7215
Ion Ratio	100	Lower	Upper
119	6.5	78.2	117.2#
121	0.0	24.4	36.6#

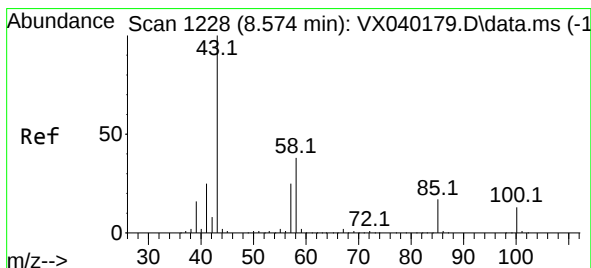
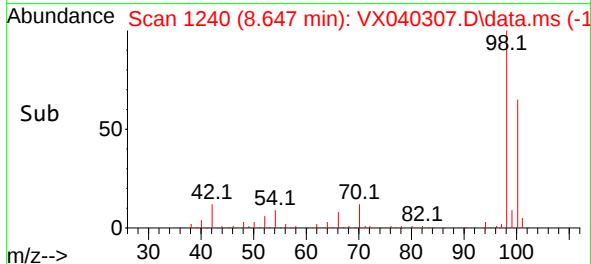
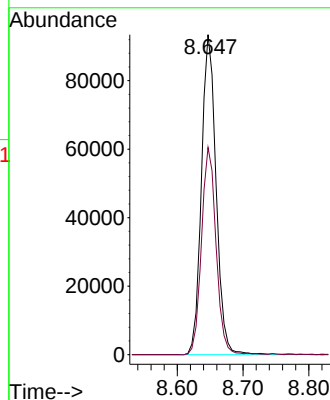
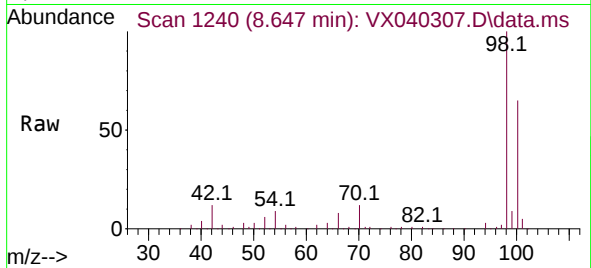




#50
Toluene-d8
Concen: 46.496 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040307.D
Acq: 17 Feb 2024 17:03

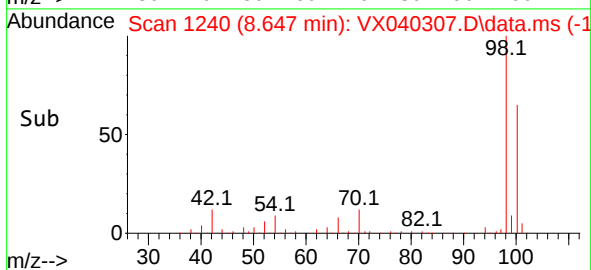
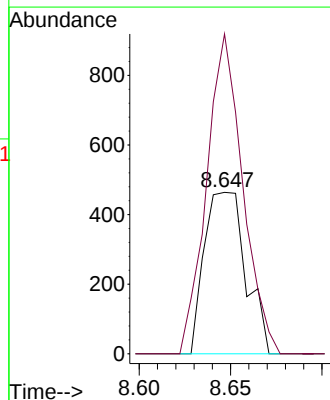
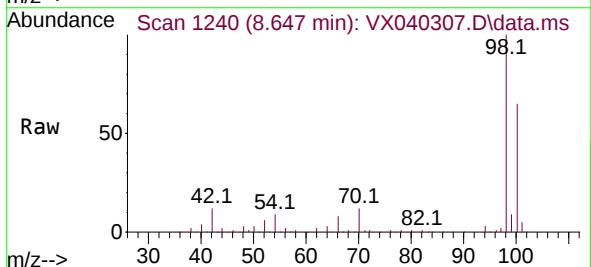
Instrument :
MSVOA_X
ClientSampleId :

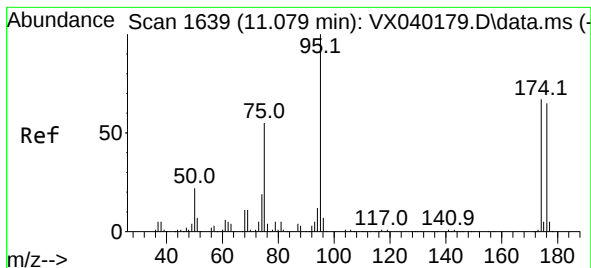
Tgt Ion: 98 Resp: 144526
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.532 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX040307.D
Acq: 17 Feb 2024 17:03

Tgt Ion: 43 Resp: 734
Ion Ratio Lower Upper
43 100
58 172.5 30.4 45.6#

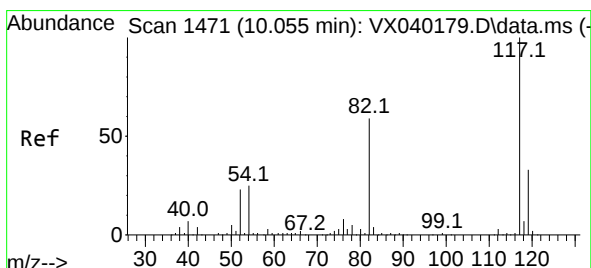
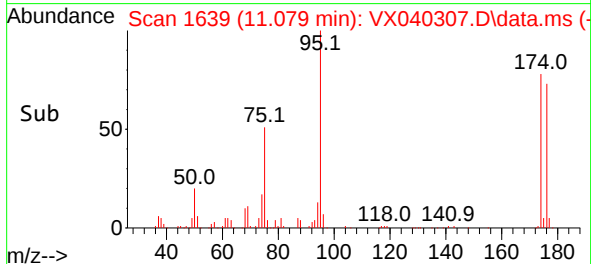
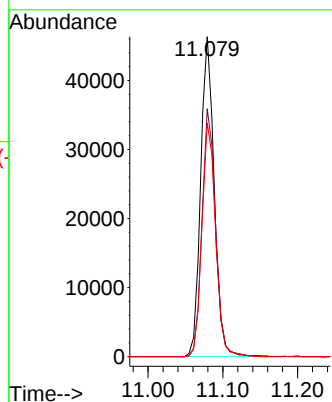
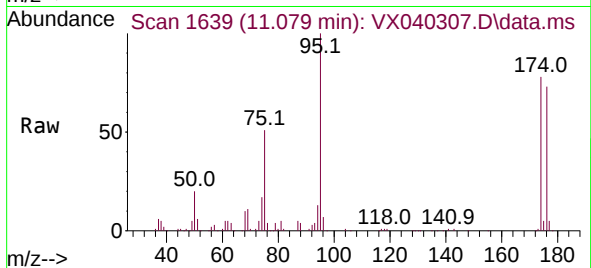




#62
4-Bromofluorobenzene
Concen: 45.951 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040307.D
Acq: 17 Feb 2024 17:03

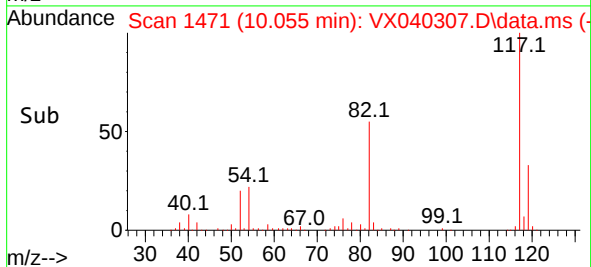
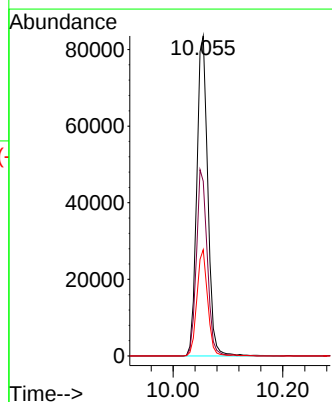
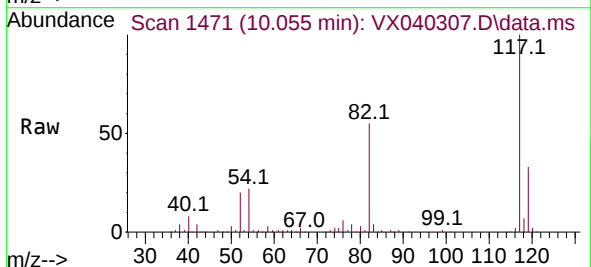
Instrument :
MSVOA_X
ClientSampleId :

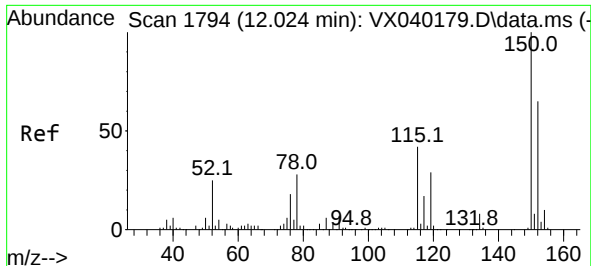
Tgt Ion: 95 Resp: 58253
Ion Ratio Lower Upper
95 100
174 77.8 0.0 135.6
176 73.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040307.D
Acq: 17 Feb 2024 17:03

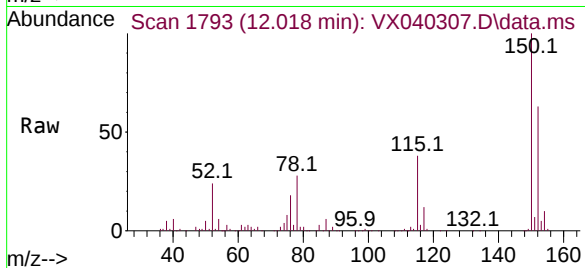
Tgt Ion: 117 Resp: 116985
Ion Ratio Lower Upper
117 100
82 54.6 46.2 69.4
119 33.2 25.5 38.3



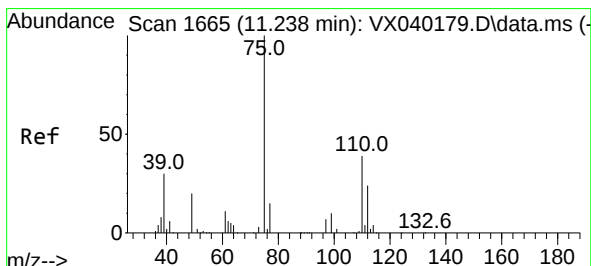
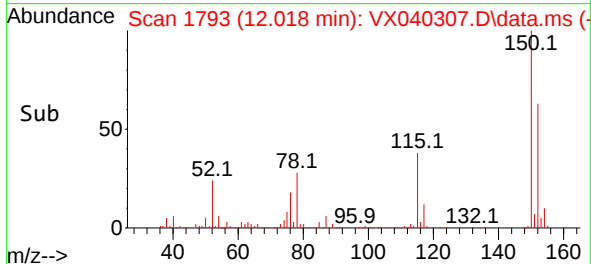
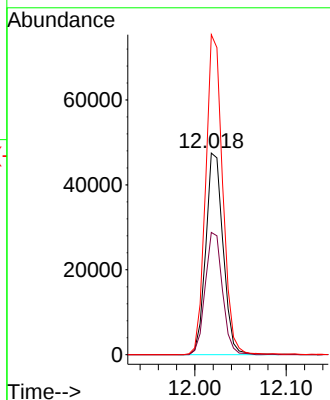


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX040307.D
 Acq: 17 Feb 2024 17:03

Instrument :
 MSVOA_X
 ClientSampleId :

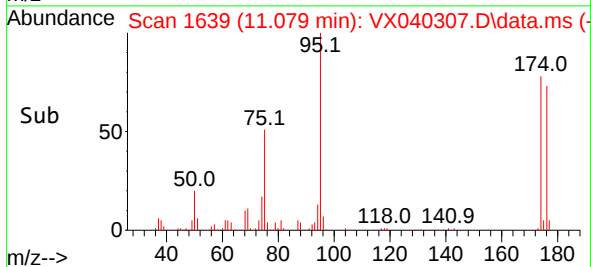
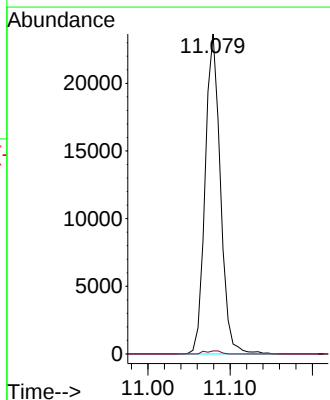
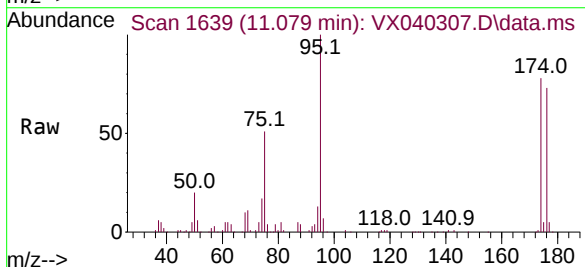


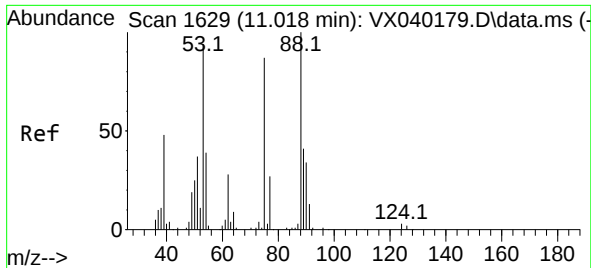
Tgt Ion:152 Resp: 62350
 Ion Ratio Lower Upper
 152 100
 115 60.2 43.3 129.9
 150 155.7 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 24.139 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX040307.D
 Acq: 17 Feb 2024 17:03

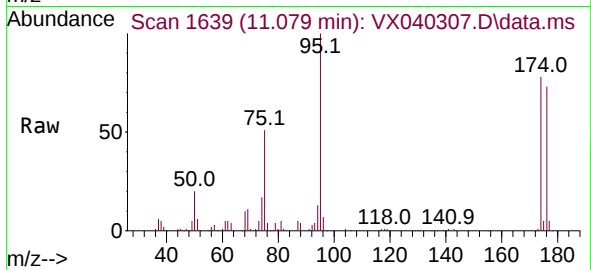
Tgt Ion: 75 Resp: 30478
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.522 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040307.D
 Acq: 17 Feb 2024 17:03

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 30478
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

