

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021724\
 Data File : VX040309.D
 Acq On : 17 Feb 2024 17:49
 Operator : JC/MD
 Sample : P1509-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 19 03:59:57 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)

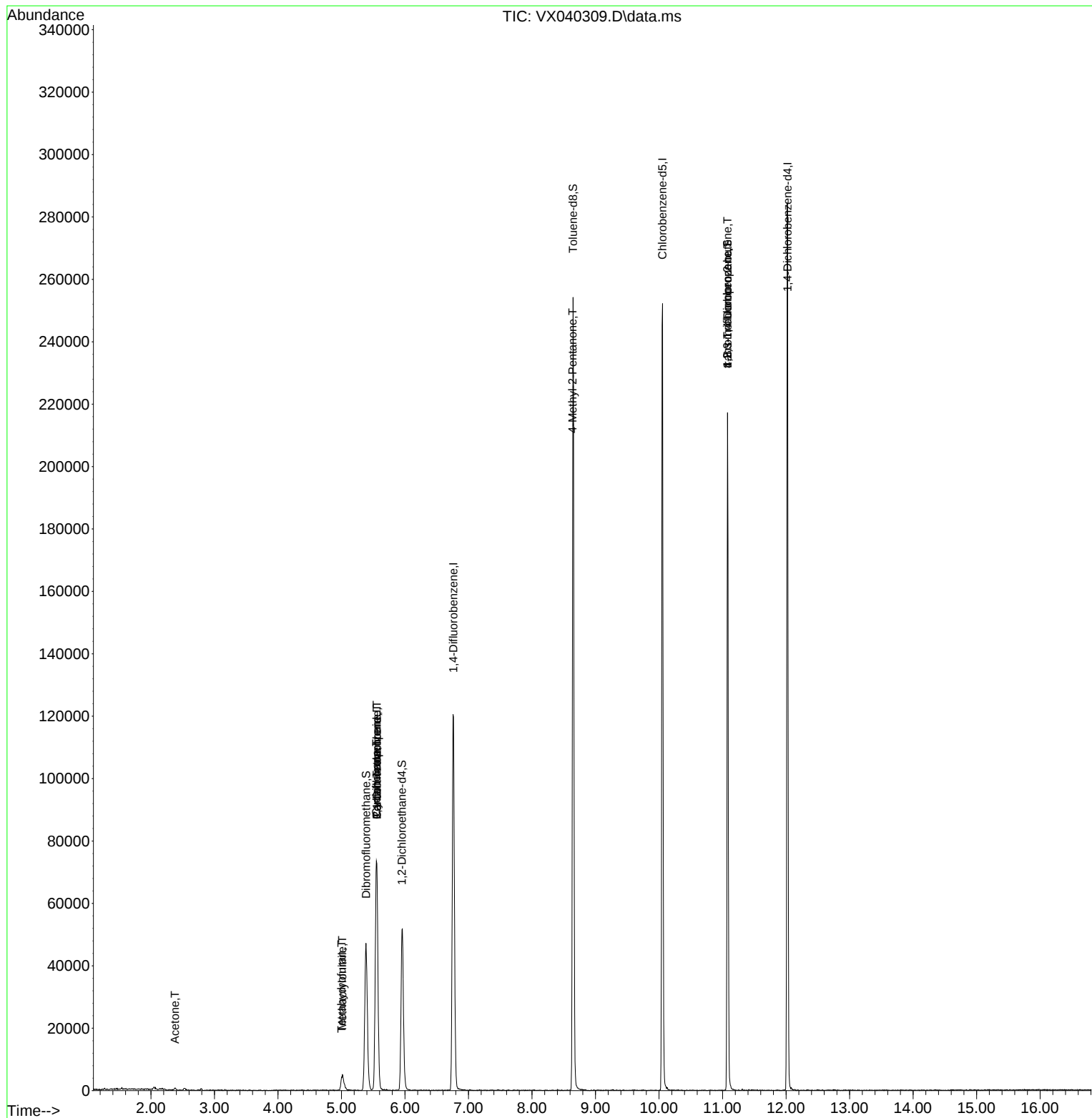
Internal Standards						
1) Pentafluorobenzene	5.555	168	71610	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	122681	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	49274	46.252	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.500%
35) Dibromofluoromethane	5.385	113	40333	47.077	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.160%
50) Toluene-d8	8.646	98	148087	46.208	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.420%
62) 4-Bromofluorobenzene	11.079	95	57053	43.650	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.300%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	862	1.970	ug/l	# 68
20) Methylene Chloride	2.788	84	223	Below Cal		# 78
29) Tetrahydrofuran	5.001	42	4771	10.707	ug/l	# 34
31) Cyclohexane	5.549	56	1765	1.389	ug/l	# 33
36) 1,1-Dichloropropene	5.555	75	6099	5.082	ug/l	# 49
38) Carbon Tetrachloride	5.555	117	7474	6.550	ug/l	# 15
41) Methacrylonitrile	5.013	41	2813	3.974	ug/l	# 51
51) 4-Methyl-2-Pentanone	8.640	43	703	0.494	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	29581	25.163	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	29581	69.193	ug/l	# 5

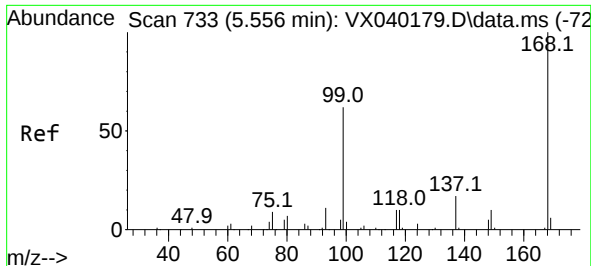
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: Feb 19 03:59:57 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



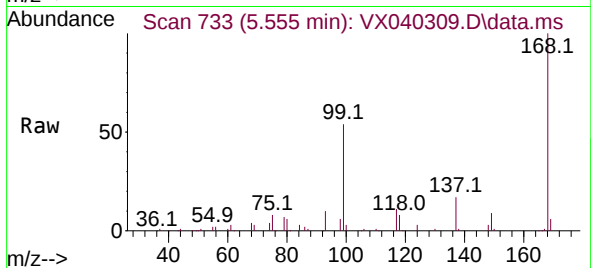


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX040309.D
Acq: 17 Feb 2024 17:49

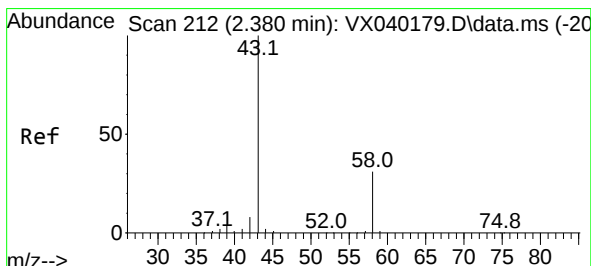
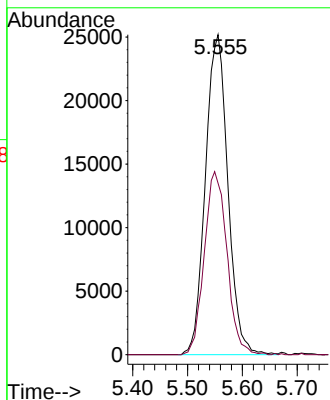
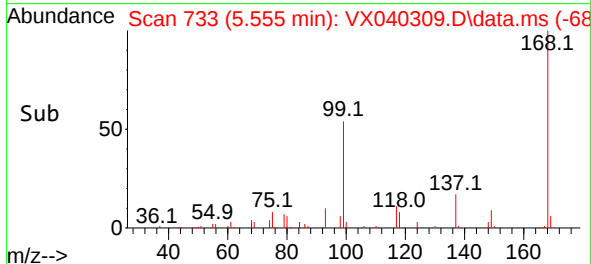
Instrument :

MSVOA_X

ClientSampleId :

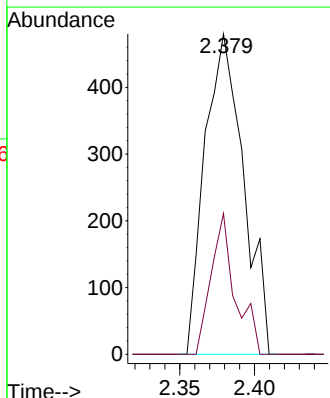
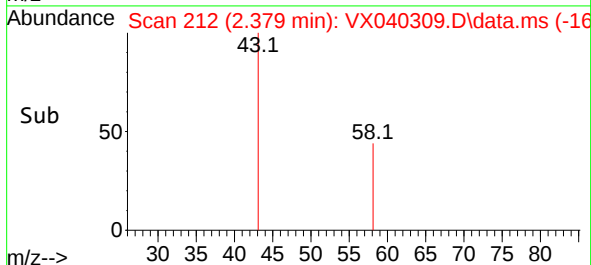
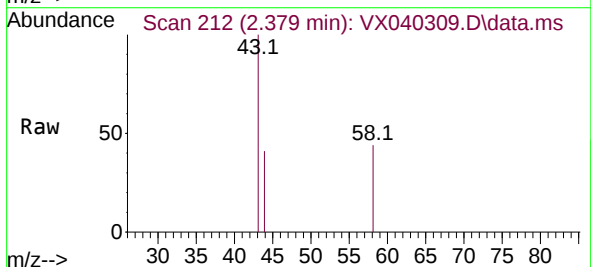


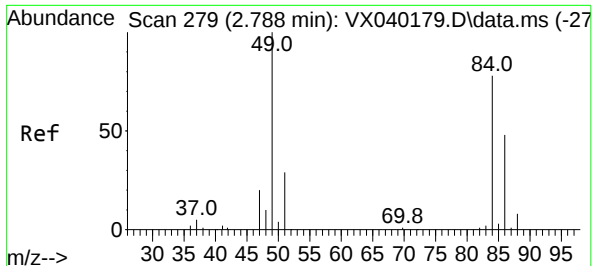
Tgt Ion:168 Resp: 71610
Ion Ratio Lower Upper
168 100
99 53.6 56.6 85.0#



#16
Acetone
Concen: 1.970 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040309.D
Acq: 17 Feb 2024 17:49

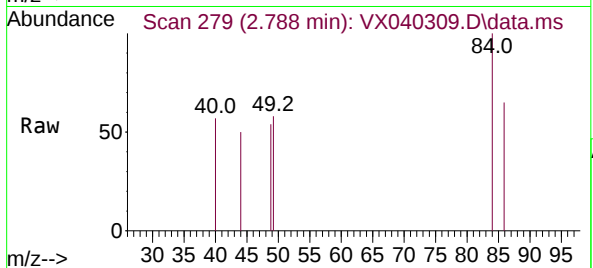
Tgt Ion: 43 Resp: 862
Ion Ratio Lower Upper
43 100
58 44.0 21.9 32.9#





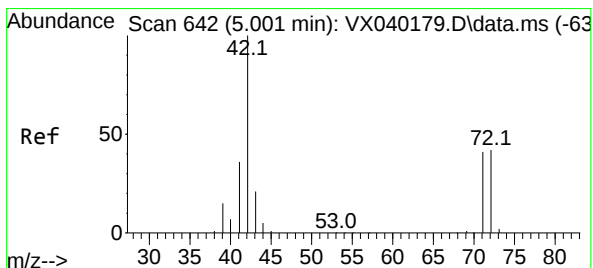
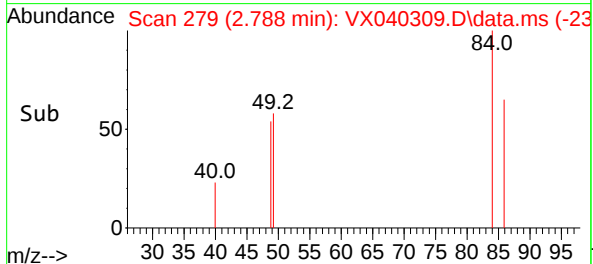
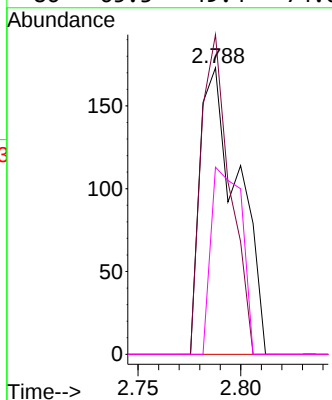
#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040309.D
Acq: 17 Feb 2024 17:49

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 223

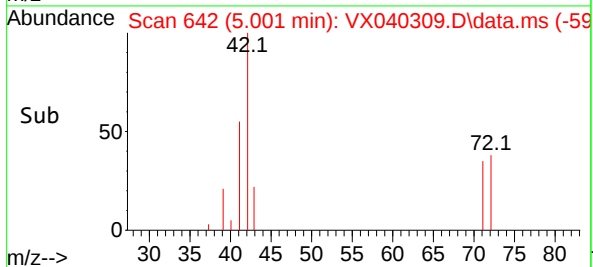
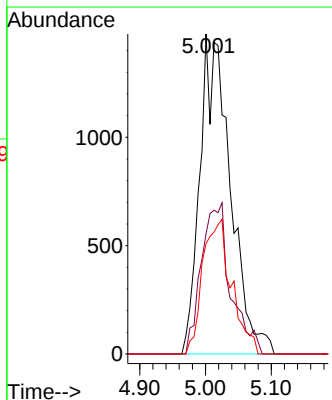
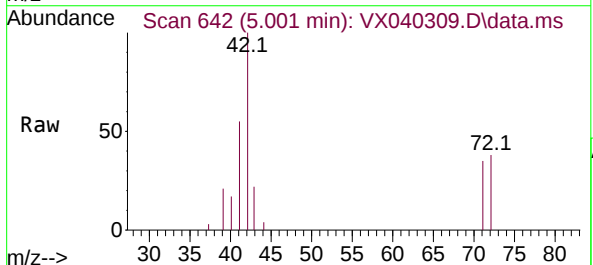
Ion	Ratio	Lower	Upper
84	100		
49	111.6	103.6	155.4
51	0.0	33.8	50.6#
86	65.3	49.4	74.0

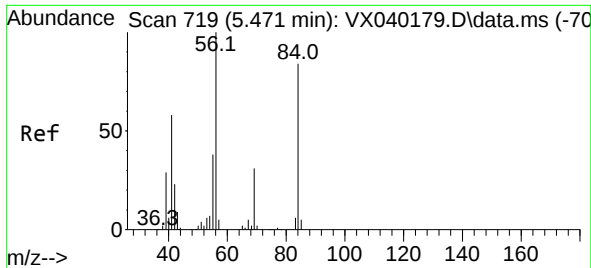


#29
Tetrahydrofuran
Concen: 10.707 ug/l
RT: 5.001 min Scan# 642
Delta R.T. -0.006 min
Lab File: VX040309.D
Acq: 17 Feb 2024 17:49

Tgt Ion: 42 Resp: 4771

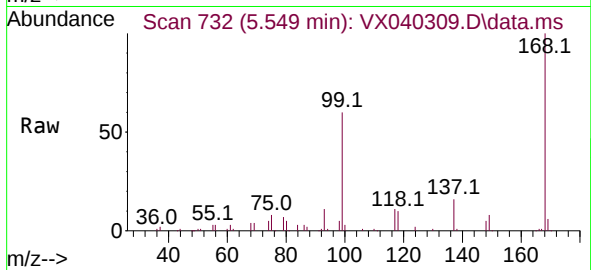
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.2	51.4#
71	0.0	32.2	48.2#



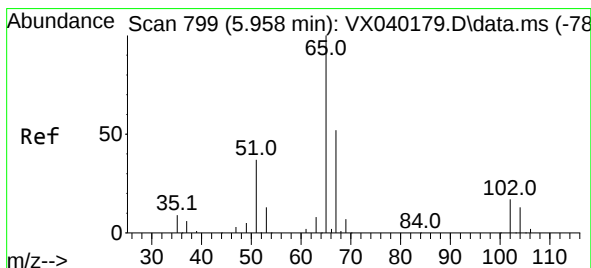
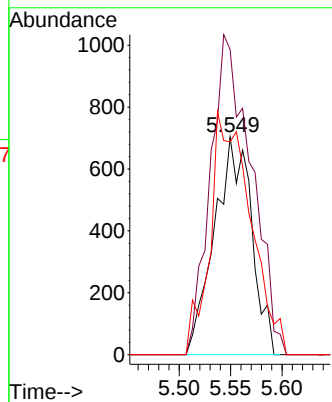
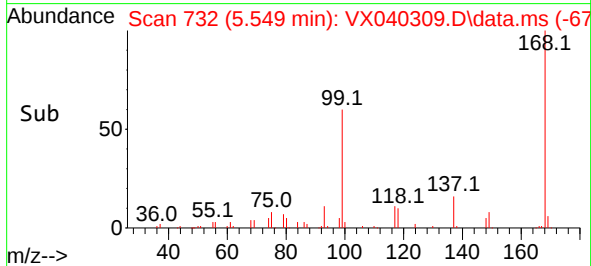


#31
Cyclohexane
Concen: 1.389 ug/l
RT: 5.549 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX040309.D
Acq: 17 Feb 2024 17:49

Instrument :
MSVOA_X
ClientSampleId :

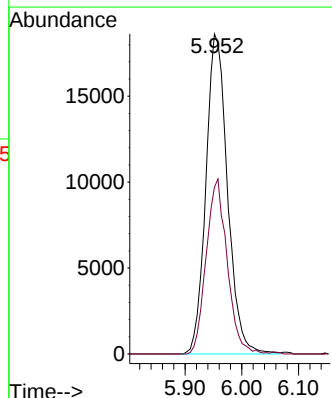
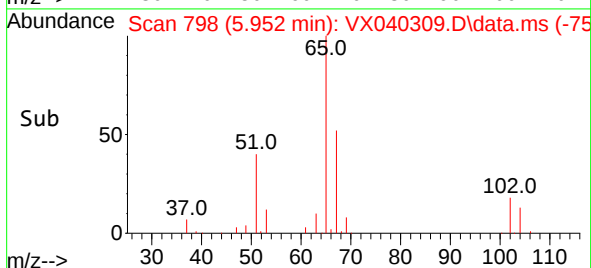
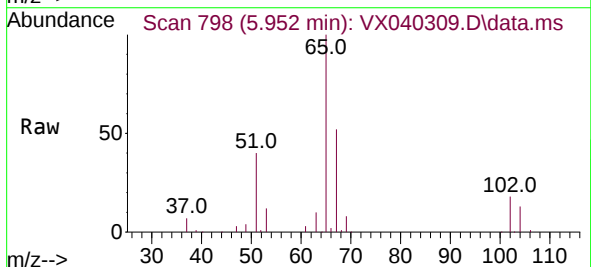


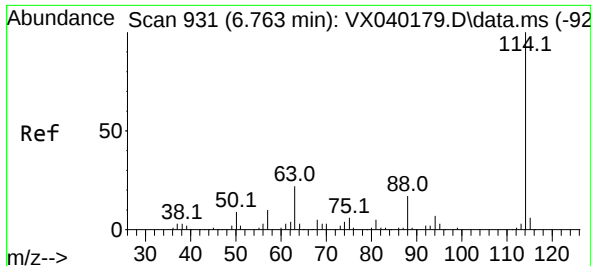
Tgt Ion: 56 Resp: 1765
Ion Ratio Lower Upper
56 100
69 140.3 23.4 35.2#
84 97.9 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 46.252 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040309.D
Acq: 17 Feb 2024 17:49

Tgt Ion: 65 Resp: 49274
Ion Ratio Lower Upper
65 100
67 53.1 0.0 100.2

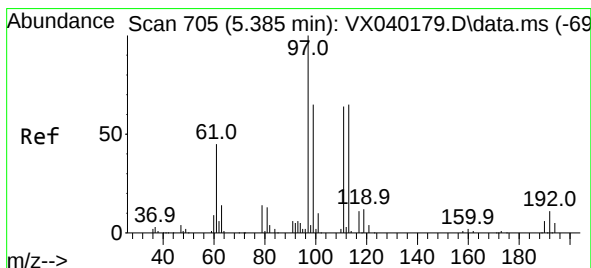
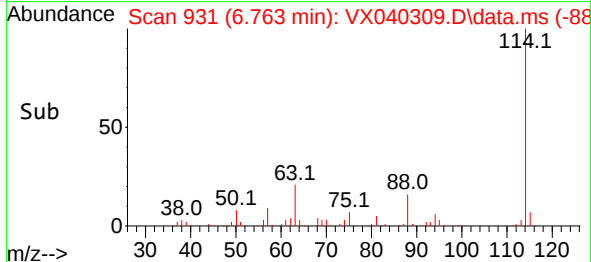
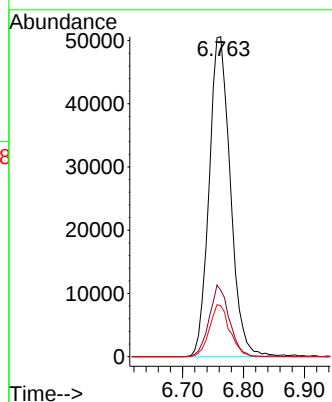
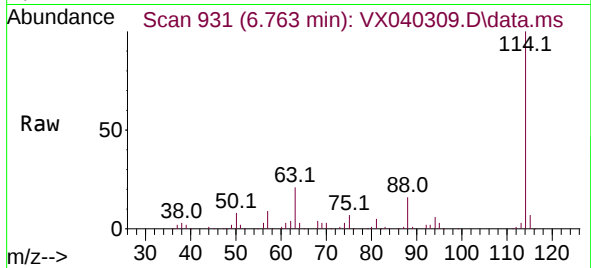




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX040309.D
Acq: 17 Feb 2024 17:49

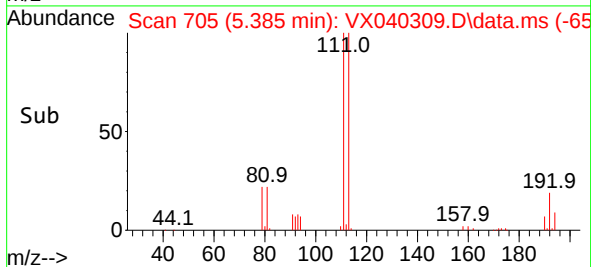
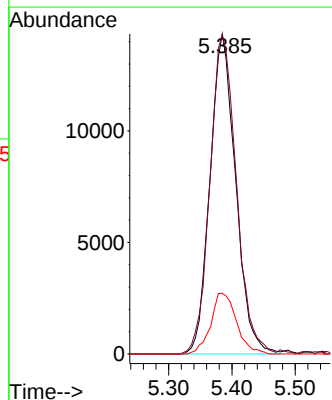
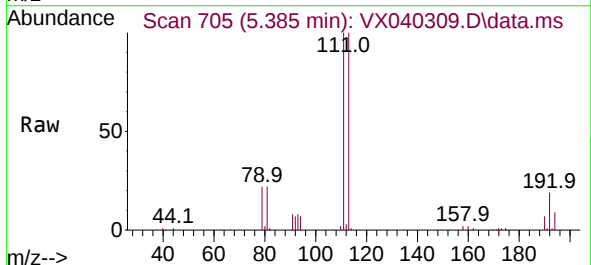
Instrument :
MSVOA_X
ClientSampleId :

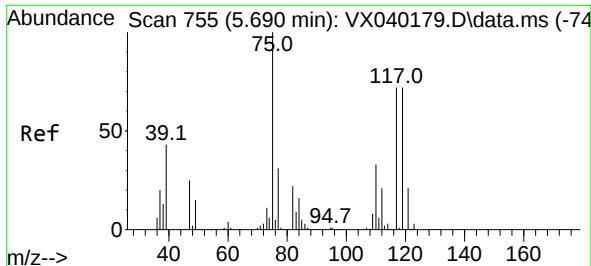
Tgt Ion:114 Resp: 122681
Ion Ratio Lower Upper
114 100
63 20.8 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.077 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040309.D
Acq: 17 Feb 2024 17:49

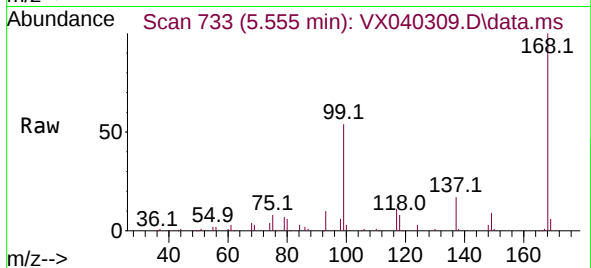
Tgt Ion:113 Resp: 40333
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 19.1 13.3 19.9



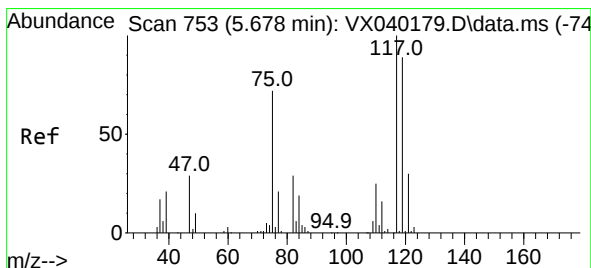
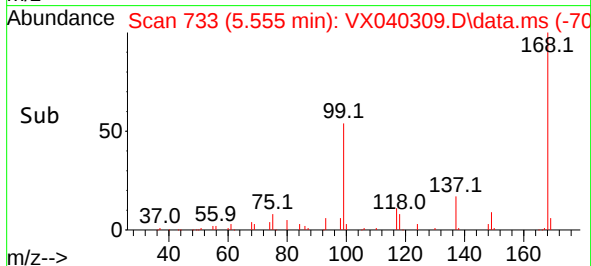
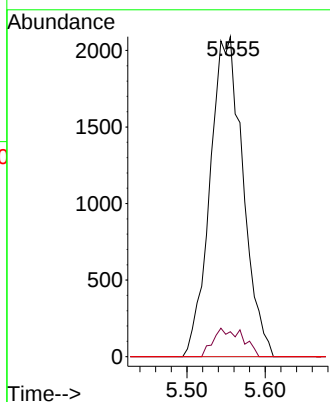


#36
1,1-Dichloropropene
Concen: 5.082 ug/l
RT: 5.555 min Scan# 713
Delta R.T. -0.141 min
Lab File: VX040309.D
Acq: 17 Feb 2024 17:49

Instrument :
MSVOA_X
ClientSampleId :

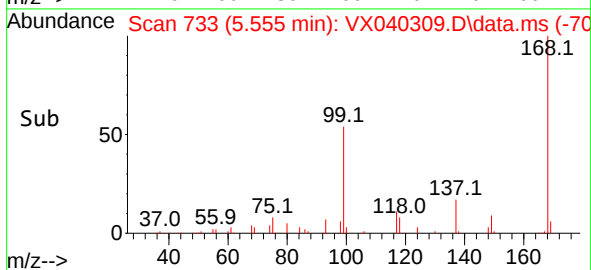
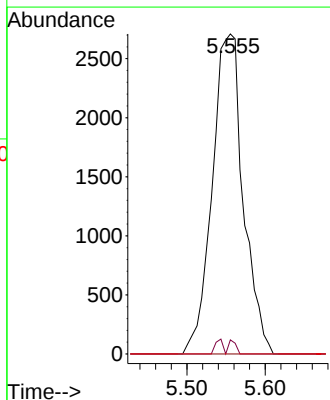
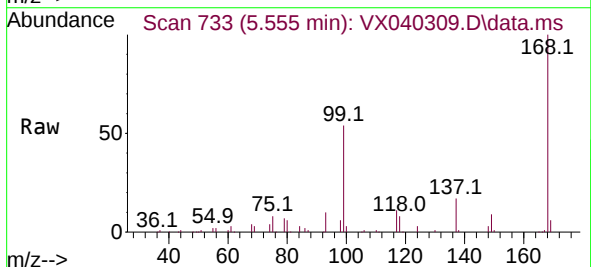


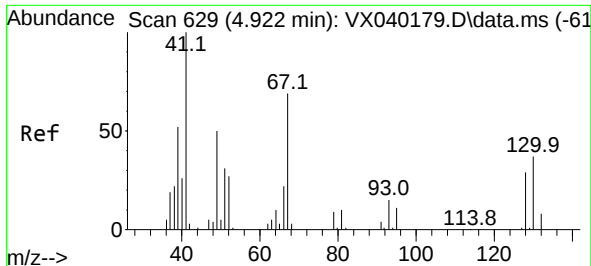
Tgt Ion: 75 Resp: 6099
Ion Ratio Lower Upper
75 100
110 7.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.550 ug/l
RT: 5.555 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX040309.D
Acq: 17 Feb 2024 17:49

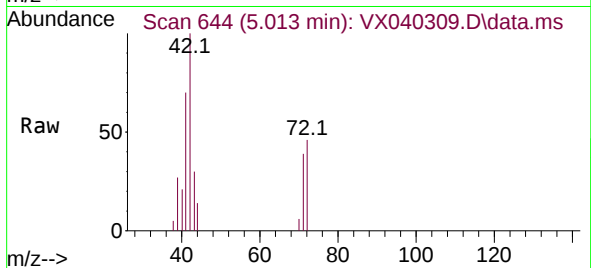
Tgt Ion: 117 Resp: 7474
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#



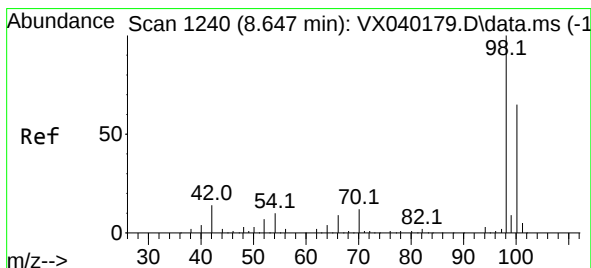
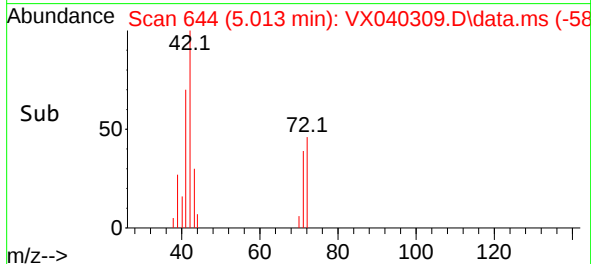
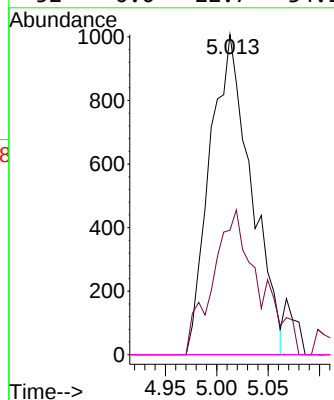


#41
Methacrylonitrile
Concen: 3.974 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.085 min
Lab File: VX040309.D
Acq: 17 Feb 2024 17:49

Instrument :
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ClientSampleId :

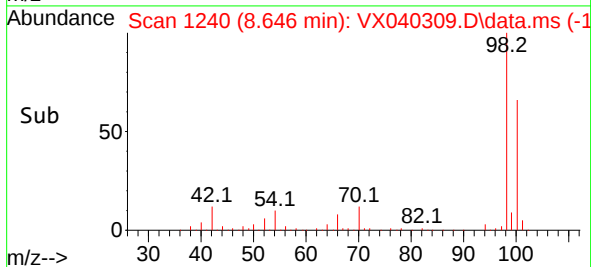
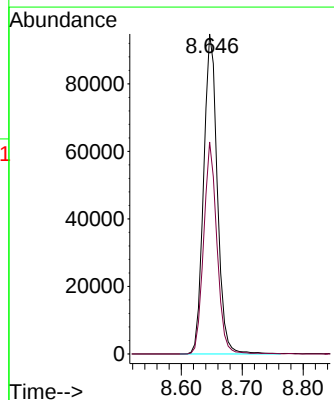
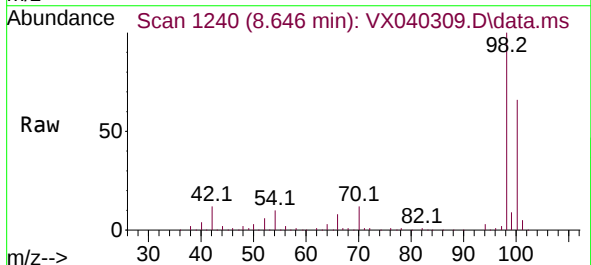


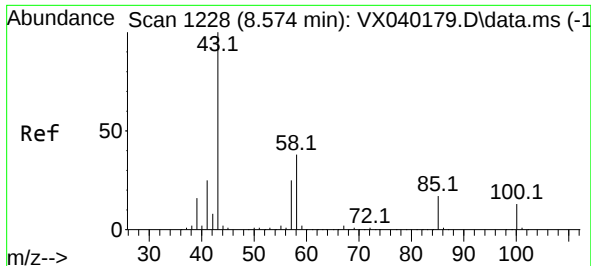
Tgt Ion: 41	Resp: 2813
Ion Ratio	Lower Upper
41	100
39	51.2 45.2 67.8
67	0.0 52.6 78.8#
52	0.0 22.7 34.1#



#50
Toluene-d8
Concen: 46.208 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040309.D
Acq: 17 Feb 2024 17:49

Tgt Ion: 98	Resp: 148087
Ion Ratio	Lower Upper
98	100
100	63.9 53.1 79.7

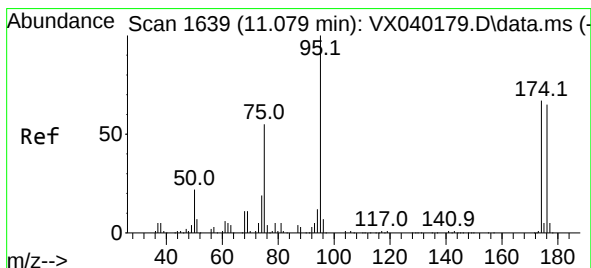
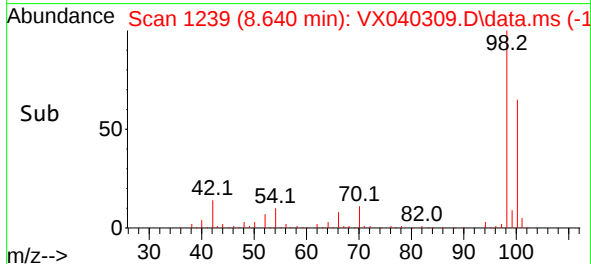
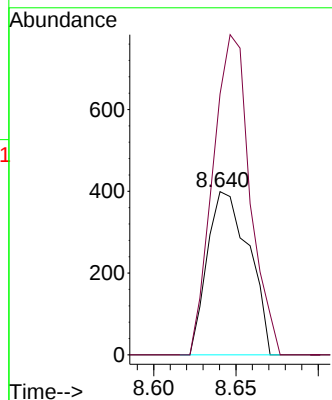
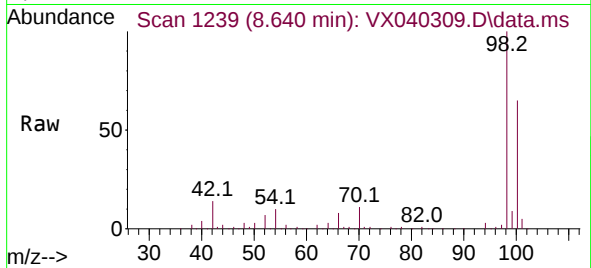




#51
4-Methyl-2-Pentanone
Concen: 0.494 ug/l
RT: 8.640 min Scan# 11
Delta R.T. 0.066 min
Lab File: VX040309.D
Acq: 17 Feb 2024 17:49

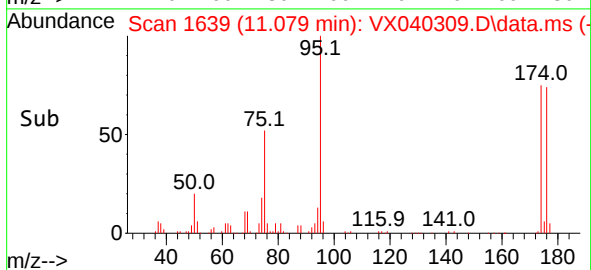
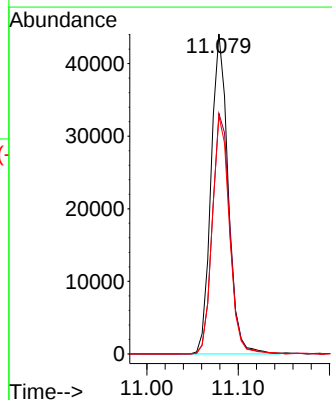
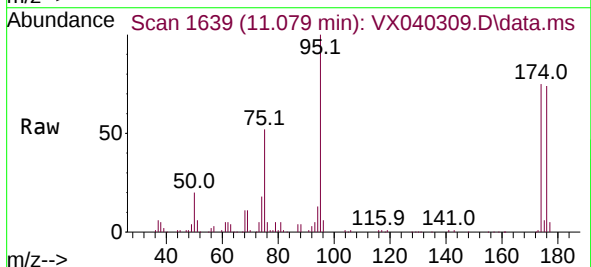
Instrument :
MSVOA_X
ClientSampleId :

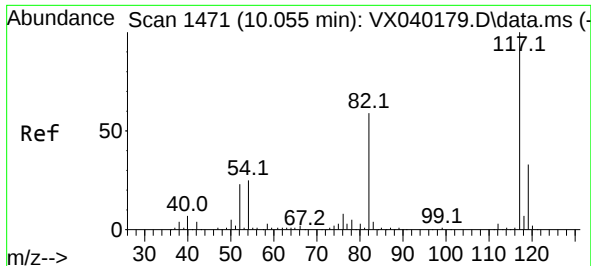
Tgt Ion: 43 Resp: 703
Ion Ratio Lower Upper
43 100
58 175.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 43.650 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040309.D
Acq: 17 Feb 2024 17:49

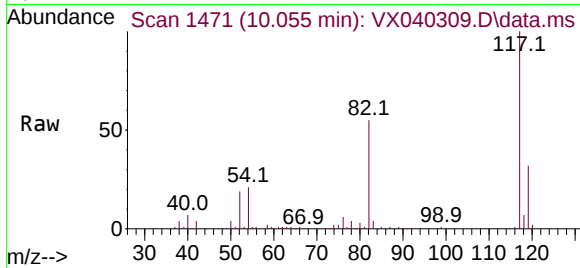
Tgt Ion: 95 Resp: 57053
Ion Ratio Lower Upper
95 100
174 77.3 0.0 135.6
176 74.7 0.0 131.0



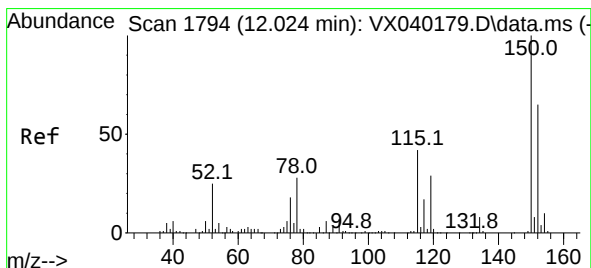
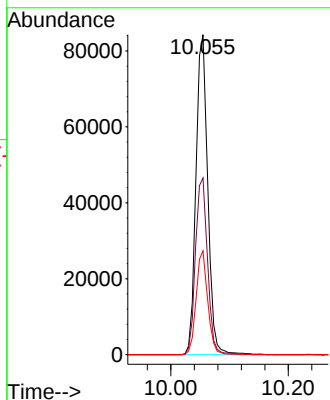
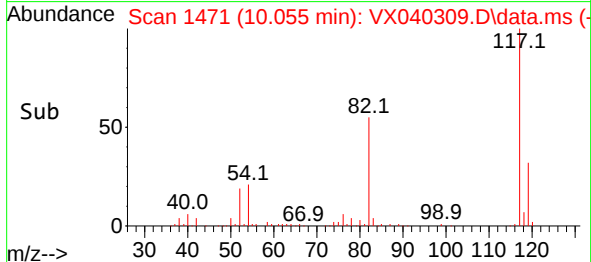


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040309.D
Acq: 17 Feb 2024 17:49

Instrument :
MSVOA_X
ClientSampleId :

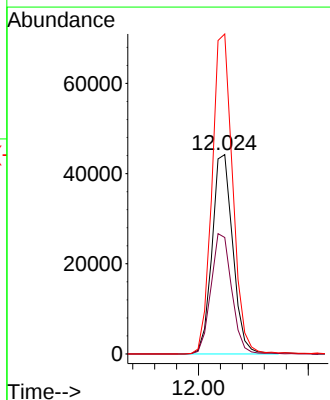
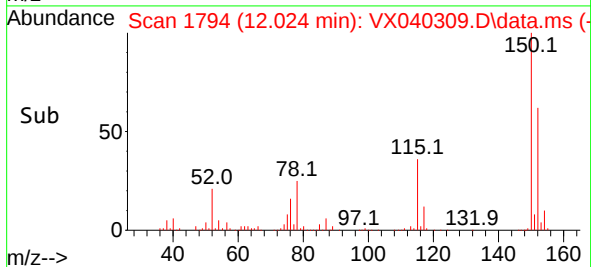
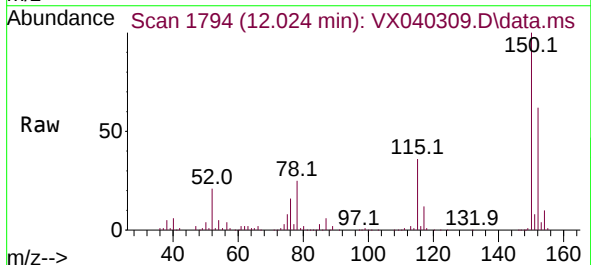


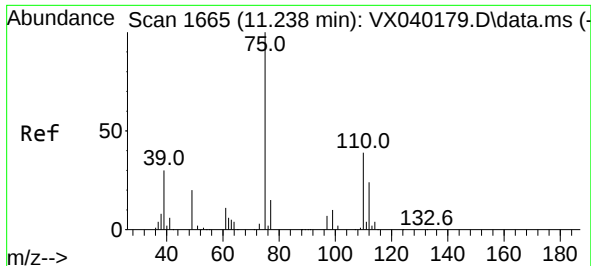
Tgt Ion:117 Resp: 117566
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX040309.D
Acq: 17 Feb 2024 17:49

Tgt Ion:152 Resp: 58053
Ion Ratio Lower Upper
152 100
115 60.4 43.3 129.9
150 160.6 0.0 345.0

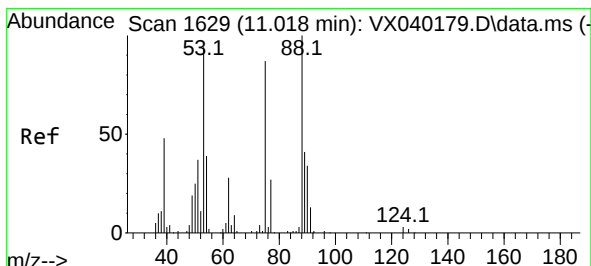
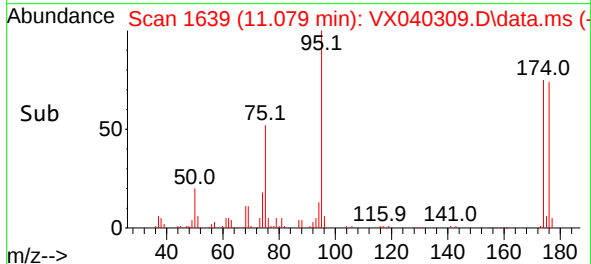
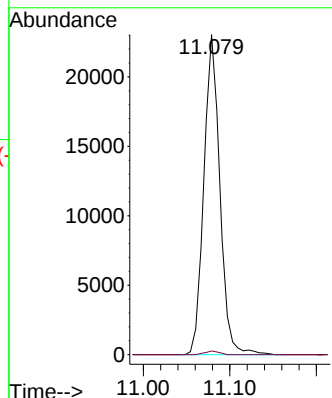
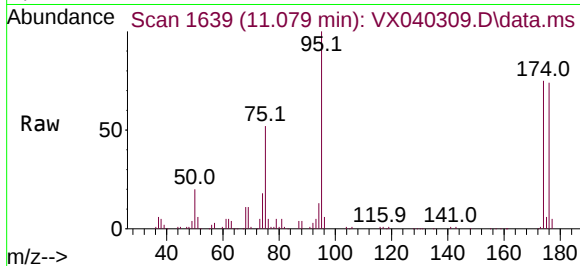




#76
1,2,3-Trichloropropane
Concen: 25.163 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040309.D
Acq: 17 Feb 2024 17:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 29581
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.193 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040309.D
Acq: 17 Feb 2024 17:49

Tgt Ion: 75 Resp: 29581
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

