

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032223\
 Data File : VX034673.D
 Acq On : 22 Mar 2023 15:36
 Operator : JC/MD
 Sample : 02034-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-032123

Quant Time: Mar 23 07:54:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	324904	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	557481	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	485219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	221053	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	250807	53.062	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.120%
35) Dibromofluoromethane	5.391	113	170536	46.332	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.660%
50) Toluene-d8	8.647	98	649205	47.248	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.500%
62) 4-Bromofluorobenzene	11.079	95	250987	45.222	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.440%

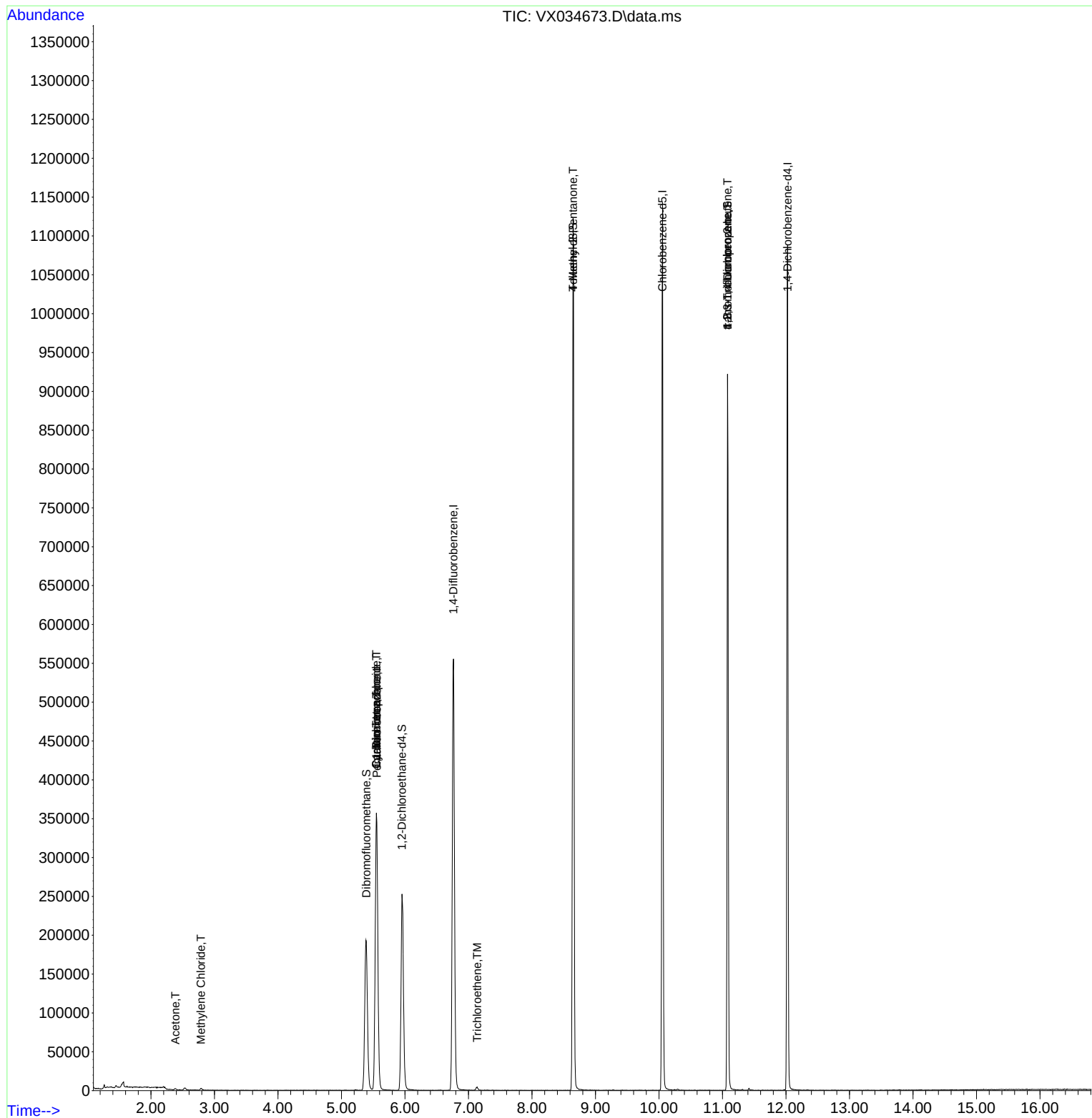
Target Compounds					Qvalue	
3) Chloromethane	1.313	50	730	Below Cal	#	81
16) Acetone	2.386	43	2025	0.909	ug/l #	84
20) Methylene Chloride	2.788	84	1114	0.258	ug/l #	73
31) Cyclohexane	5.550	56	7610	1.148	ug/l #	2
36) 1,1-Dichloropropene	5.550	75	27785	4.915	ug/l #	50
38) Carbon Tetrachloride	5.550	117	35250	6.268	ug/l #	15
44) Trichloroethene	7.135	130	1442	0.336	ug/l	100
51) 4-Methyl-2-Pentanone	8.647	43	3151	0.519	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	132032	26.013	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	132032	70.373	ug/l #	8

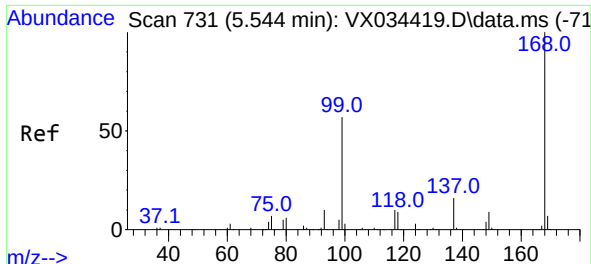
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TB-01-032123

Quant Time: Mar 23 07:54:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

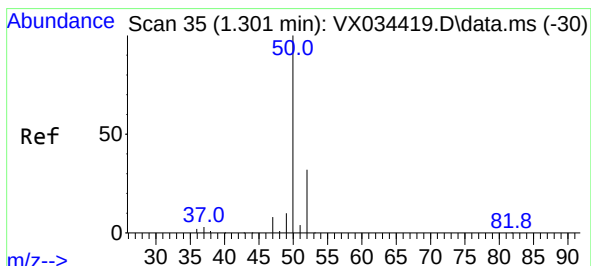
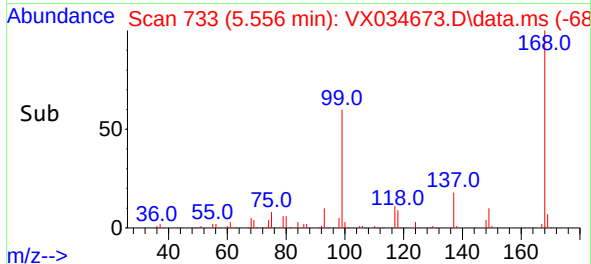
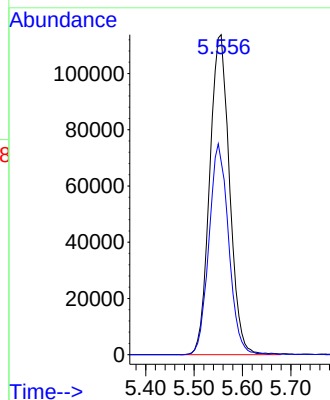
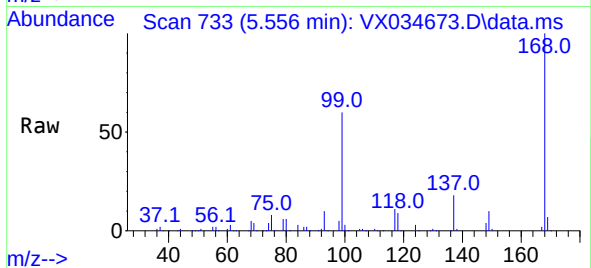




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034673.D
Acq: 22 Mar 2023 15:36

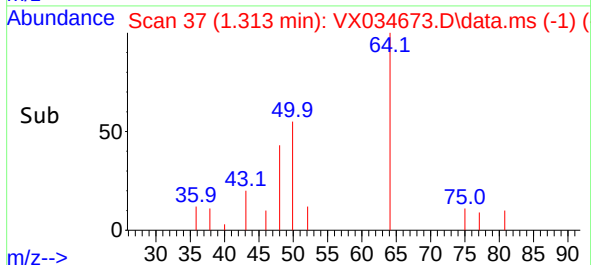
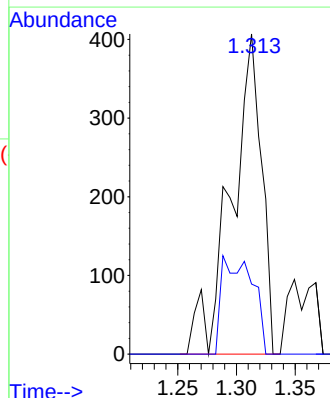
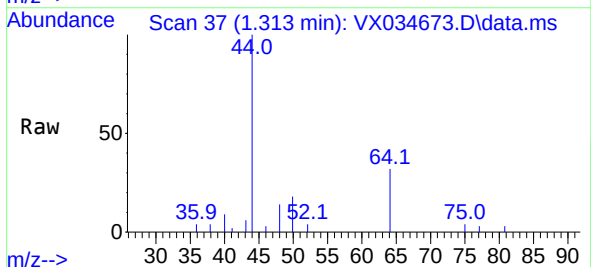
Instrument :
MSVOA_X
ClientSampleId :
TB-01-032123

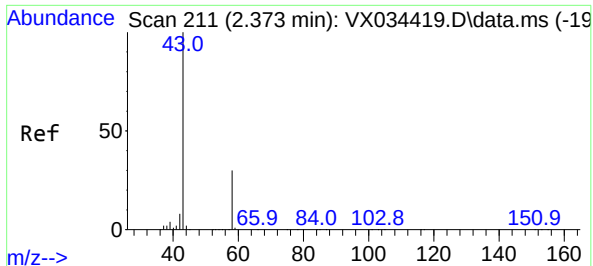
Tgt Ion:168 Resp: 324904
Ion Ratio Lower Upper
168 100
99 60.3 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.313 min Scan# 37
Delta R.T. 0.012 min
Lab File: VX034673.D
Acq: 22 Mar 2023 15:36

Tgt Ion: 50 Resp: 730
Ion Ratio Lower Upper
50 100
52 21.9 25.9 38.9#

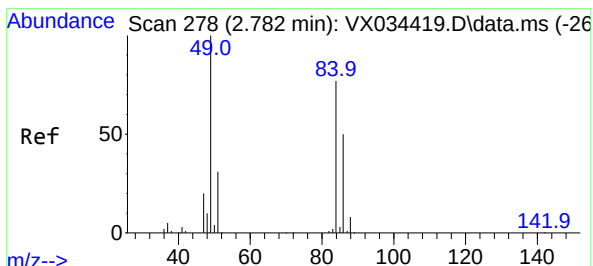
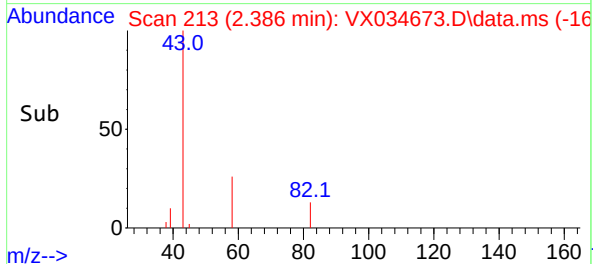
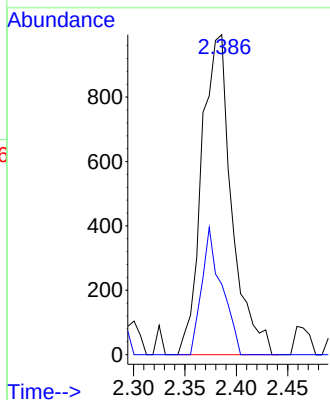
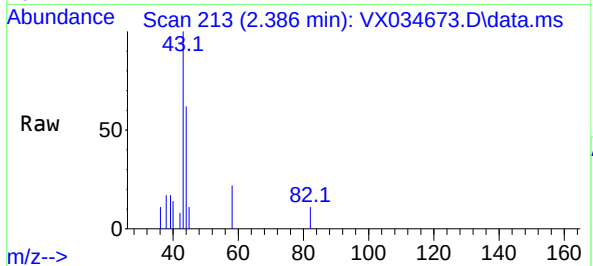




#16
Acetone
Concen: 0.909 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX034673.D
Acq: 22 Mar 2023 15:36

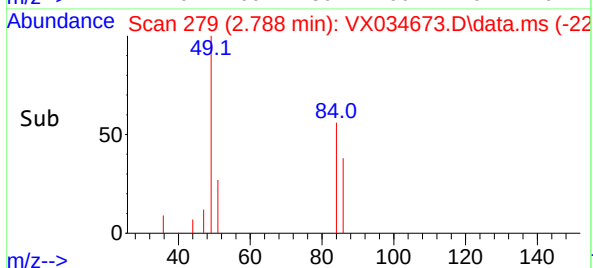
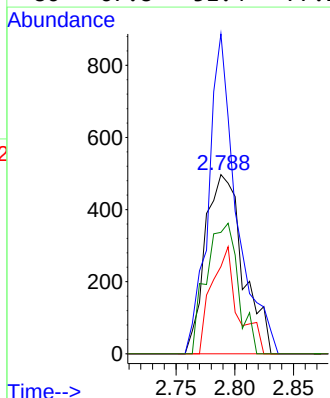
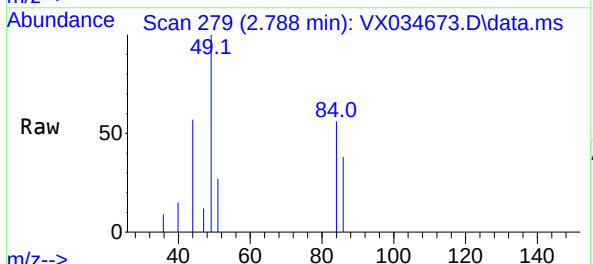
Instrument :
MSVOA_X
ClientSampleId :
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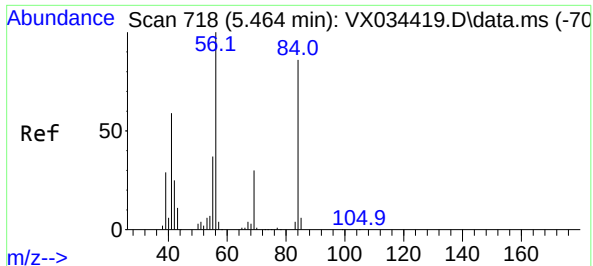
Tgt Ion: 43 Resp: 2025
Ion Ratio Lower Upper
43 100
58 22.0 24.7 37.1#



#20
Methylene Chloride
Concen: 0.258 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034673.D
Acq: 22 Mar 2023 15:36

Tgt Ion: 84 Resp: 1114
Ion Ratio Lower Upper
84 100
49 178.5 103.8 155.8#
51 48.7 31.8 47.8#
86 67.8 51.4 77.2

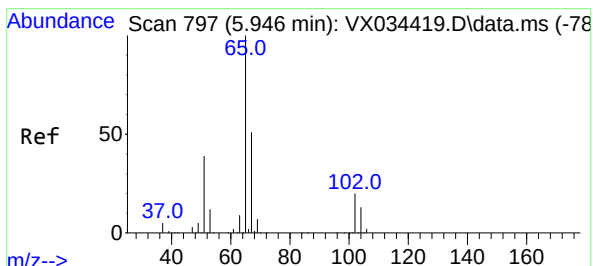
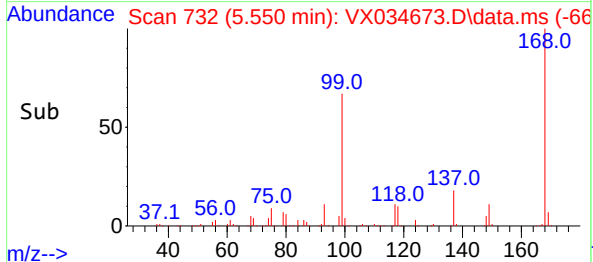
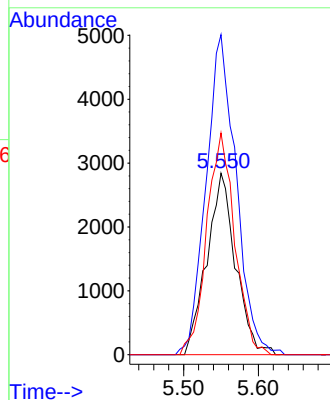
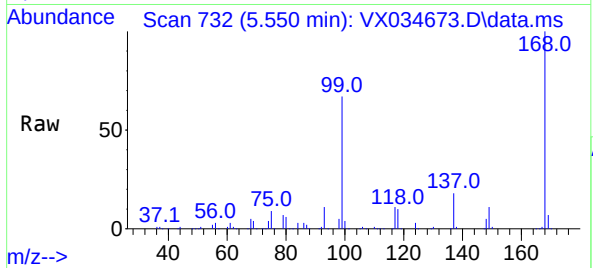




#31
Cyclohexane
Concen: 1.148 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX034673.D
Acq: 22 Mar 2023 15:36

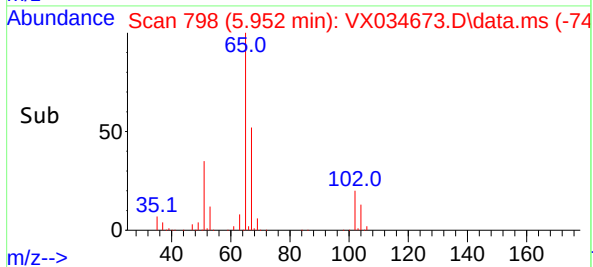
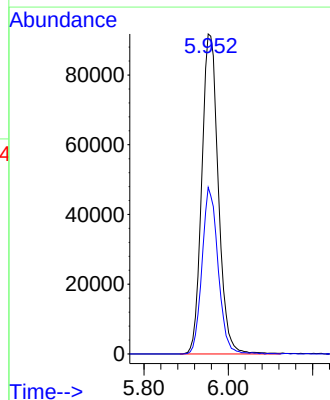
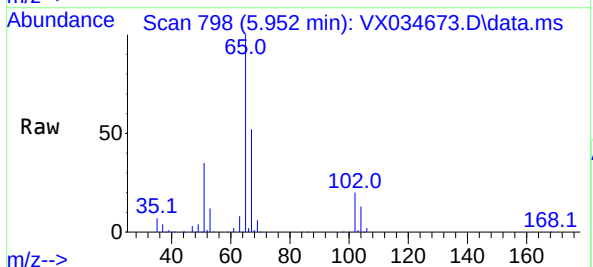
Instrument :
MSVOA_X
ClientSampleId :
TB-01-032123

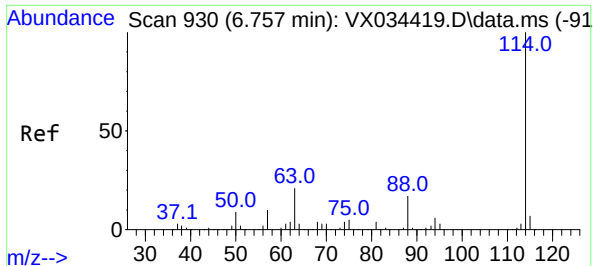
Tgt Ion: 56 Resp: 7610
Ion Ratio Lower Upper
56 100
69 173.8 23.7 35.5#
84 122.2 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 53.062 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034673.D
Acq: 22 Mar 2023 15:36

Tgt Ion: 65 Resp: 250807
Ion Ratio Lower Upper
65 100
67 50.2 0.0 104.0

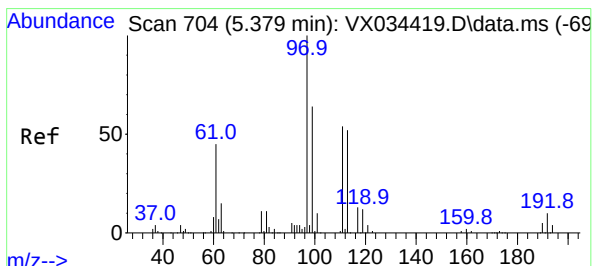
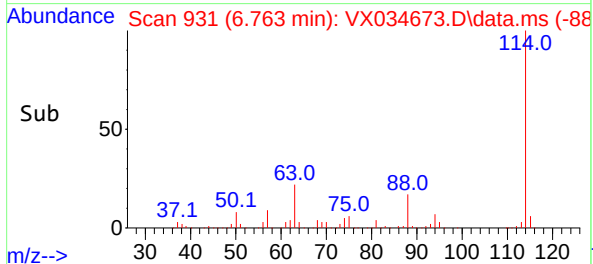
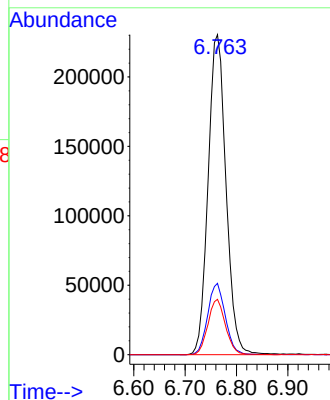
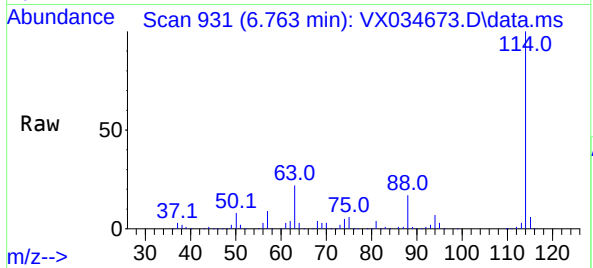




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034673.D
Acq: 22 Mar 2023 15:36

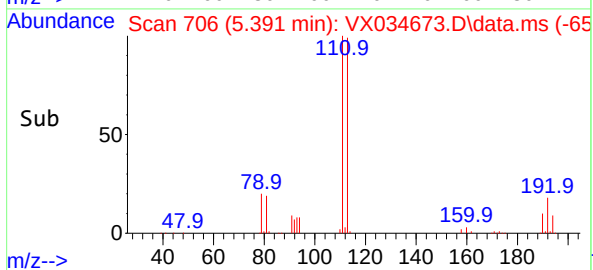
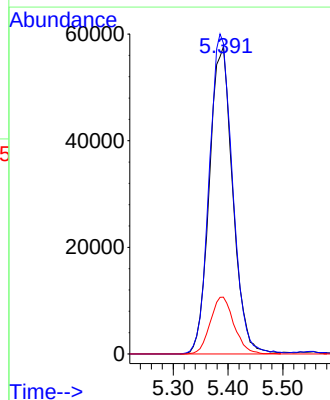
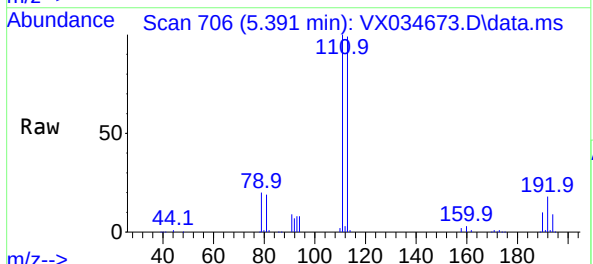
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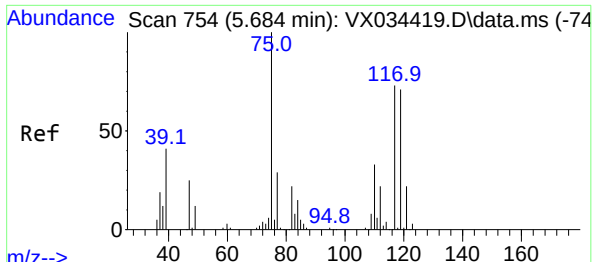
Tgt Ion:114 Resp: 557481
Ion Ratio Lower Upper
114 100
63 22.3 0.0 42.2
88 17.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.332 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.012 min
Lab File: VX034673.D
Acq: 22 Mar 2023 15:36

Tgt Ion:113 Resp: 170536
Ion Ratio Lower Upper
113 100
111 103.7 83.7 125.5
192 18.7 15.4 23.2

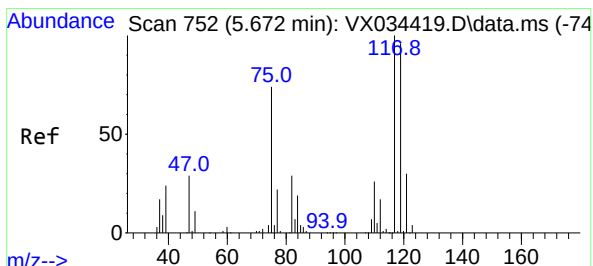
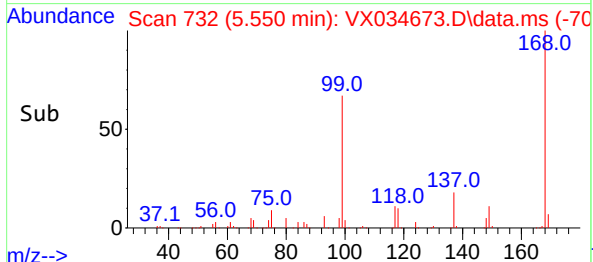
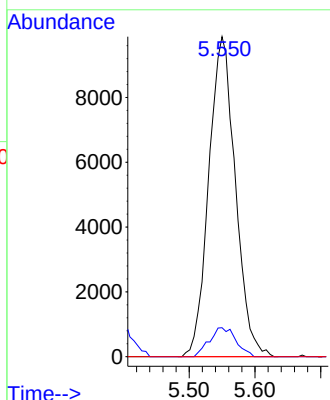
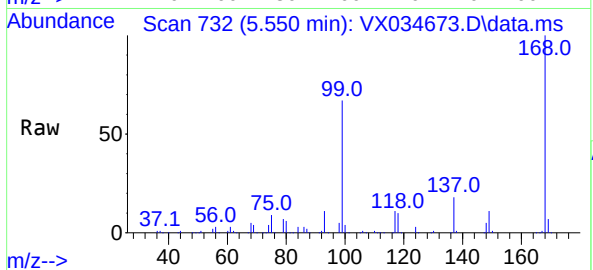




#36
1,1-Dichloropropene
Concen: 4.915 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.134 min
Lab File: VX034673.D
Acq: 22 Mar 2023 15:36

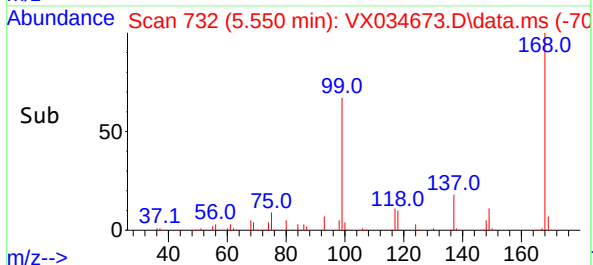
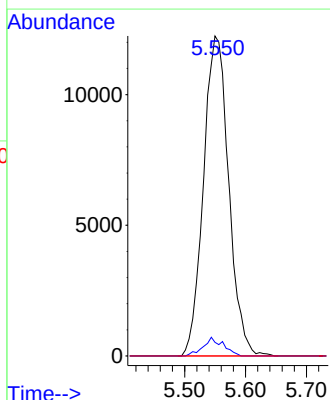
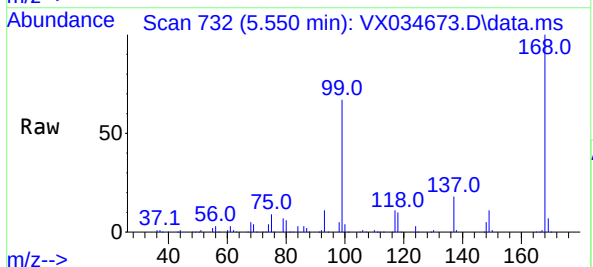
Instrument :
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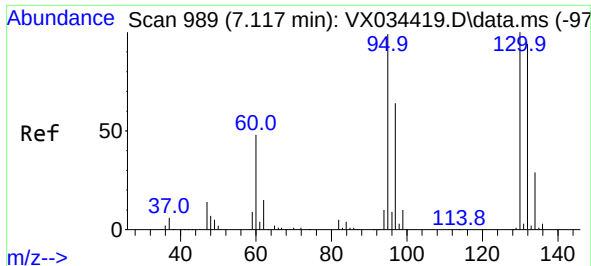
Tgt Ion: 75 Resp: 27785
Ion Ratio Lower Upper
75 100
110 9.1 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.268 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034673.D
Acq: 22 Mar 2023 15:36

Tgt Ion: 117 Resp: 35250
Ion Ratio Lower Upper
117 100
119 4.3 76.6 114.8#
121 0.0 23.8 35.6#

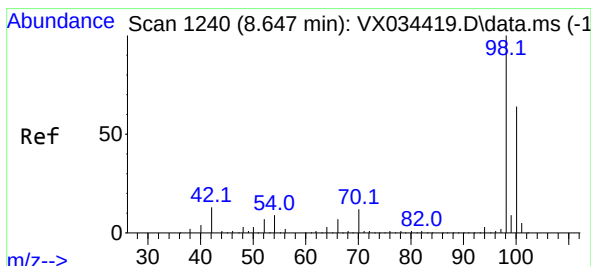
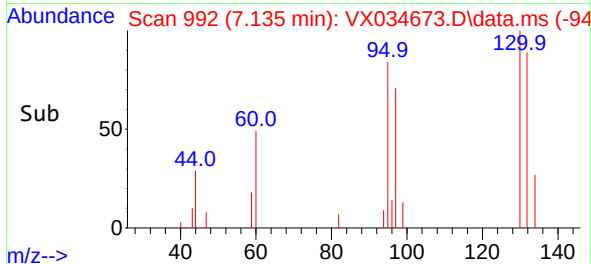
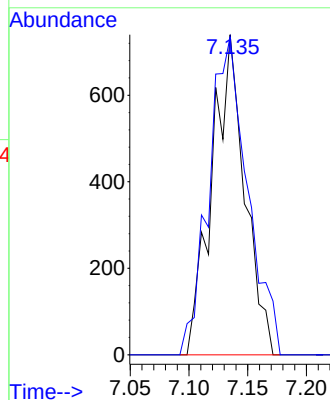
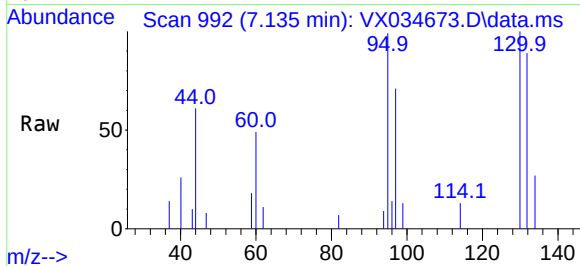




#44
Trichloroethene
Concen: 0.336 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.018 min
Lab File: VX034673.D
Acq: 22 Mar 2023 15:36

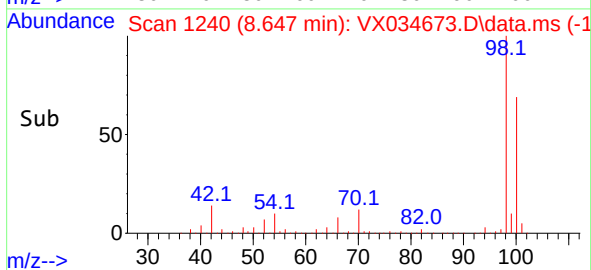
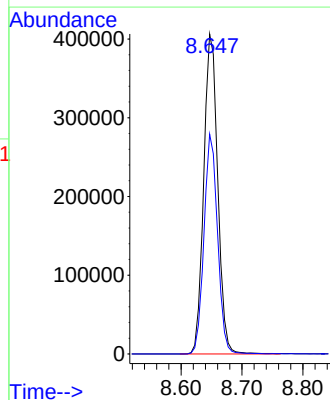
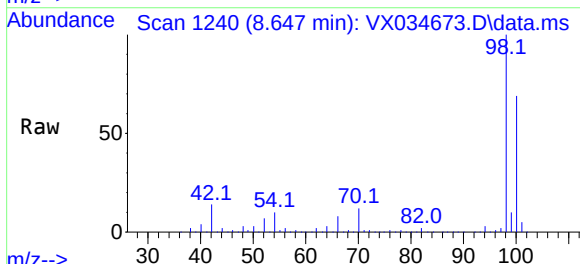
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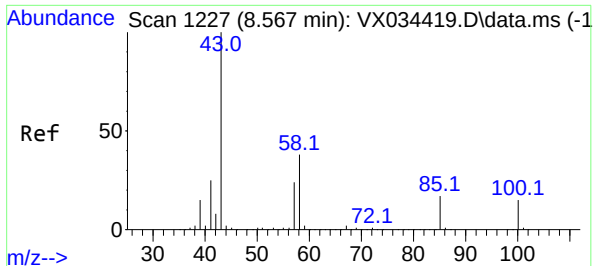
Tgt Ion:130 Resp: 1442
Ion Ratio Lower Upper
130 100
95 99.3 0.0 198.4



#50
Toluene-d8
Concen: 47.248 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034673.D
Acq: 22 Mar 2023 15:36

Tgt Ion: 98 Resp: 649205
Ion Ratio Lower Upper
98 100
100 66.7 52.5 78.7

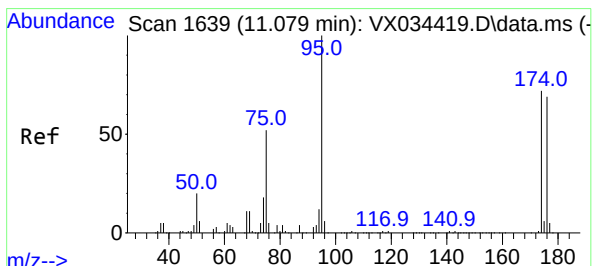
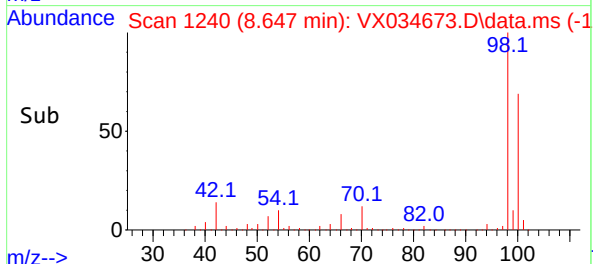
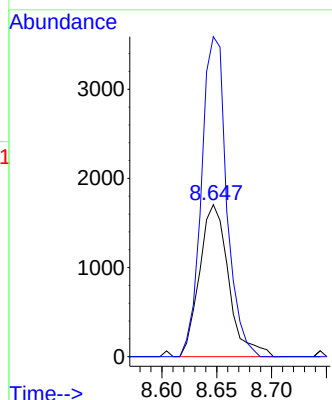
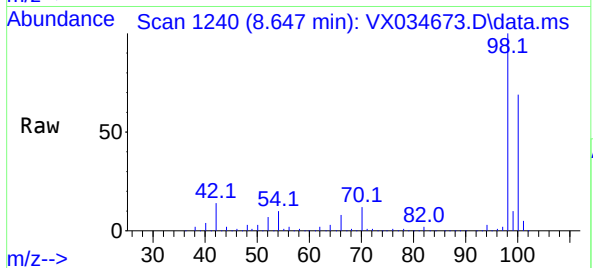




#51
4-Methyl-2-Pentanone
Concen: 0.519 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX034673.D
Acq: 22 Mar 2023 15:36

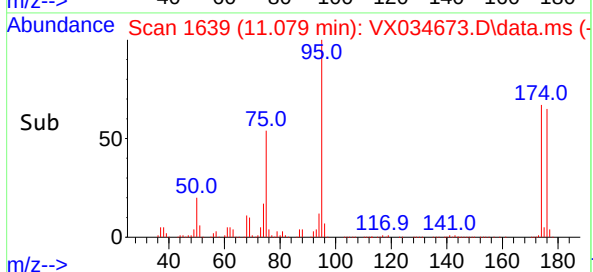
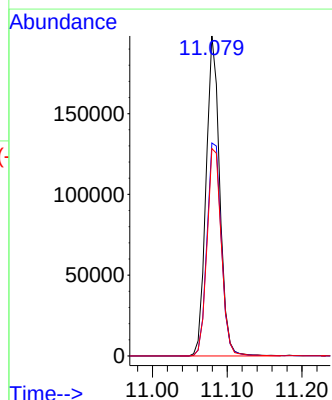
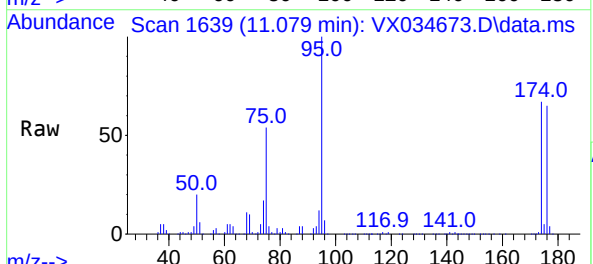
Instrument :
MSVOA_X
ClientSampleId :
TB-01-032123

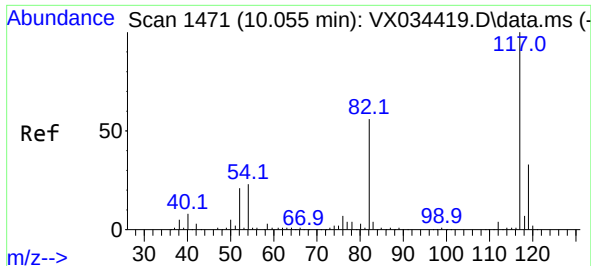
Tgt Ion: 43 Resp: 3151
Ion Ratio Lower Upper
43 100
58 182.5 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 45.222 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034673.D
Acq: 22 Mar 2023 15:36

Tgt Ion: 95 Resp: 250987
Ion Ratio Lower Upper
95 100
174 70.2 0.0 147.4
176 68.2 0.0 140.6

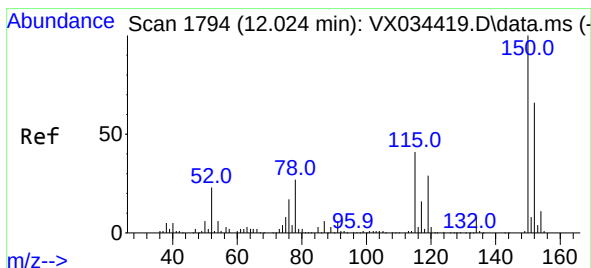
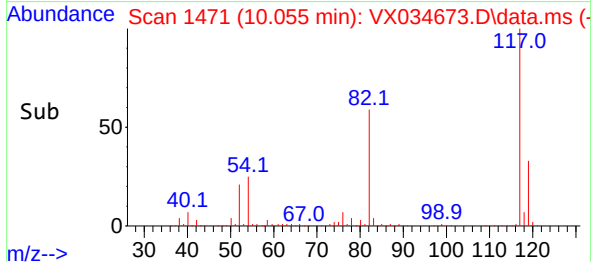
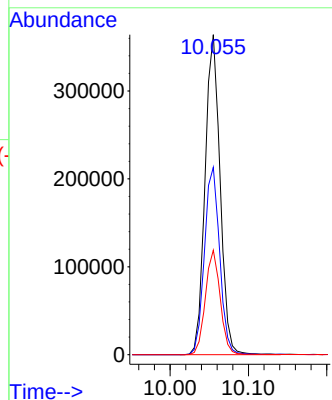
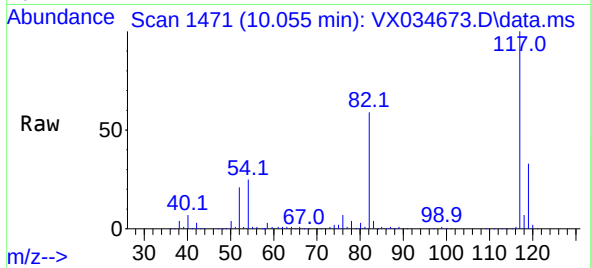




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034673.D
Acq: 22 Mar 2023 15:36

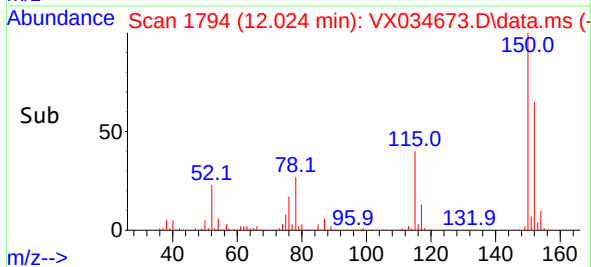
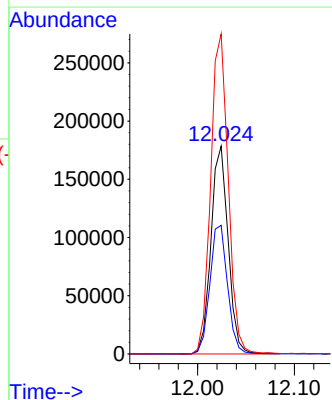
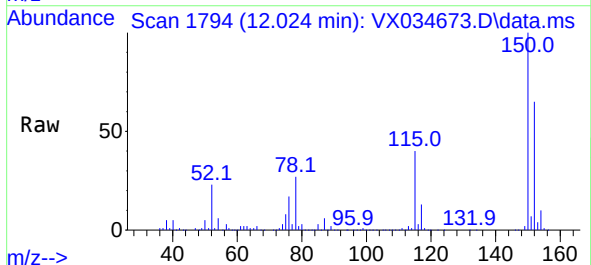
Instrument :
MSVOA_X
ClientSampleId :
TB-01-032123

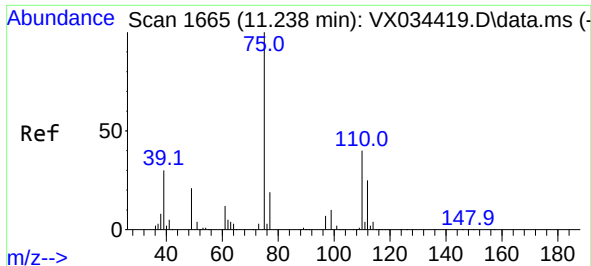
Tgt Ion:117 Resp: 485219
Ion Ratio Lower Upper
117 100
82 58.6 45.0 67.4
119 32.7 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034673.D
Acq: 22 Mar 2023 15:36

Tgt Ion:152 Resp: 221053
Ion Ratio Lower Upper
152 100
115 63.7 45.0 135.0
150 157.1 0.0 352.4

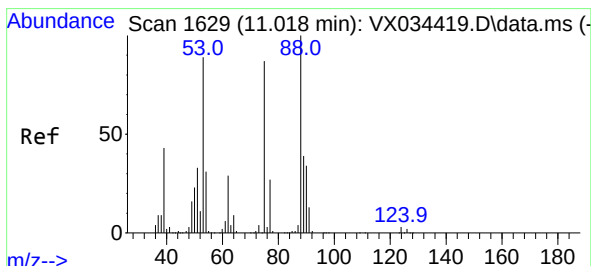
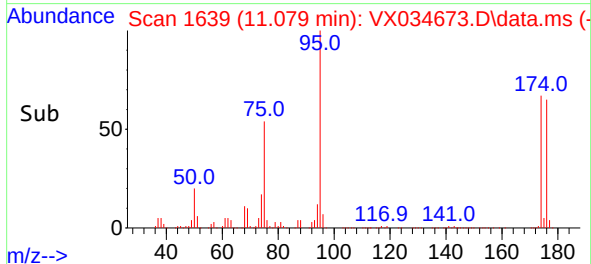
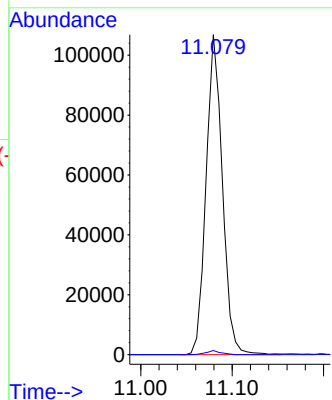
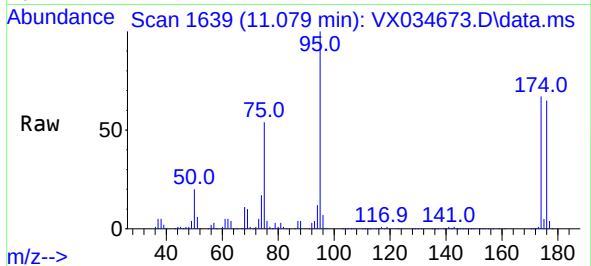




#76
1,2,3-Trichloropropane
Concen: 26.013 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034673.D
Acq: 22 Mar 2023 15:36

Instrument :
MSVOA_X
ClientSampleId :
TB-01-032123

Tgt Ion: 75 Resp: 132032
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.373 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034673.D
Acq: 22 Mar 2023 15:36

Tgt Ion: 75 Resp: 132032
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

