

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031523\
 Data File : VX034519.D
 Acq On : 15 Mar 2023 19:30
 Operator : JC/MD
 Sample : 01903-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP06-20230312

Quant Time: Mar 16 05:23:36 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)

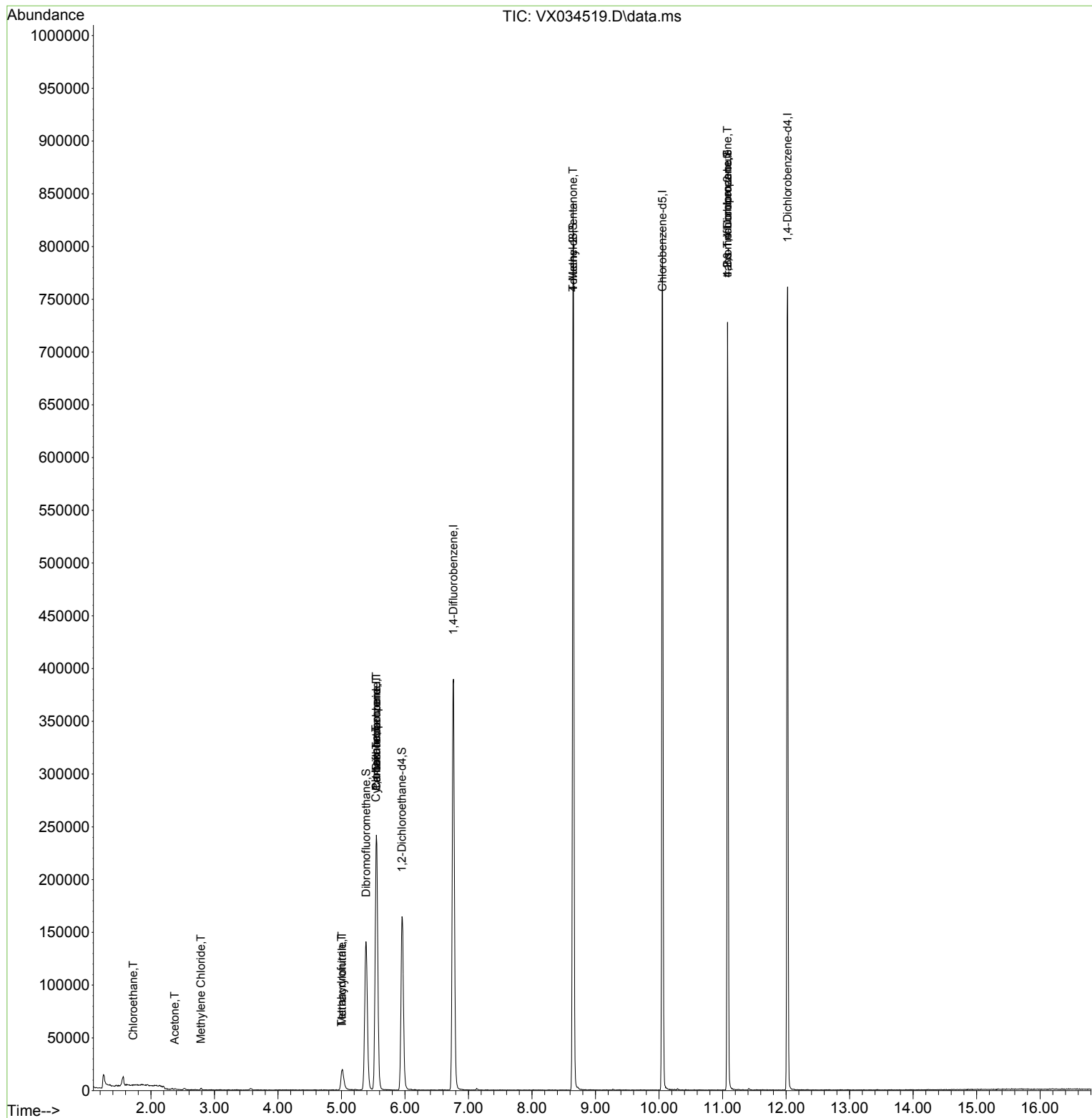
Internal Standards						
1) Pentafluorobenzene	5.550	168	231207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	397068	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	354807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	152661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	156190	46.435	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.880%
35) Dibromofluoromethane	5.385	113	123444	47.087	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.180%
50) Toluene-d8	8.647	98	480240	49.071	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.140%
62) 4-Bromofluorobenzene	11.079	95	186725	47.235	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.480%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	628	Below Cal	#	42
6) Chloroethane	1.721	64	339	0.201	ug/l #	42
16) Acetone	2.373	43	1094	0.690	ug/l #	86
20) Methylene Chloride	2.788	84	643	0.209	ug/l #	73
29) Tetrahydrofuran	5.001	42	20588	14.717	ug/l	97
31) Cyclohexane	5.543	56	5417	1.148	ug/l #	10
36) 1,1-Dichloropropene	5.550	75	18854	4.682	ug/l #	50
38) Carbon Tetrachloride	5.550	117	23313	5.820	ug/l #	15
41) Methacrylonitrile	5.007	41	11658	4.836	ug/l #	47
51) 4-Methyl-2-Pentanone	8.647	43	2336	0.540	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	97902	27.930	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	97902	75.559	ug/l #	8

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

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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

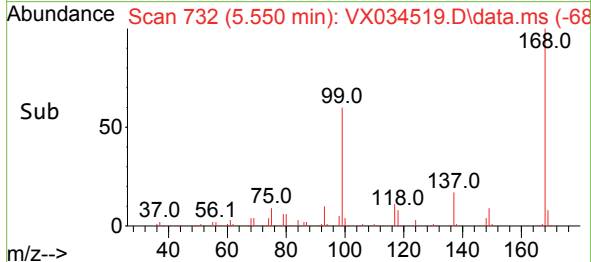
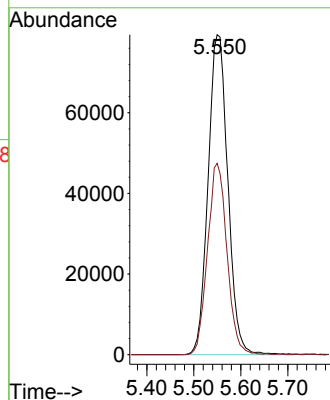
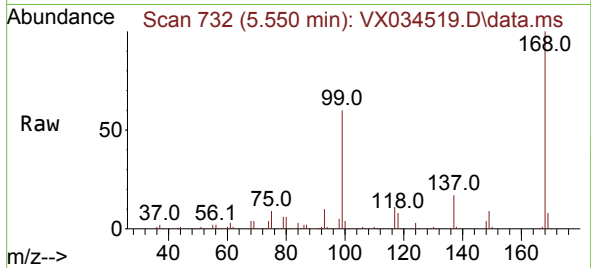




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034519.D
Acq: 15 Mar 2023 19:30

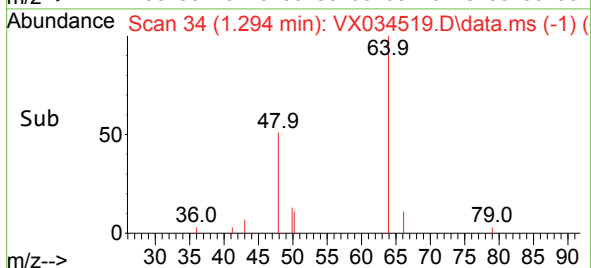
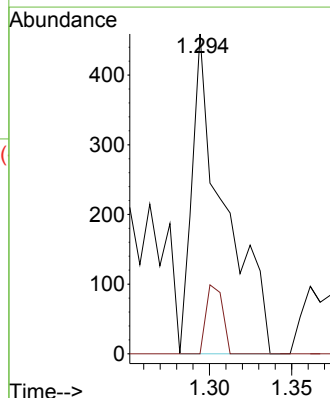
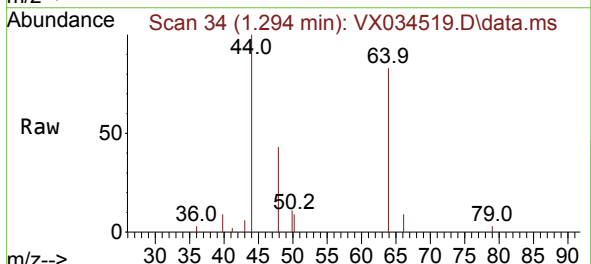
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20230312

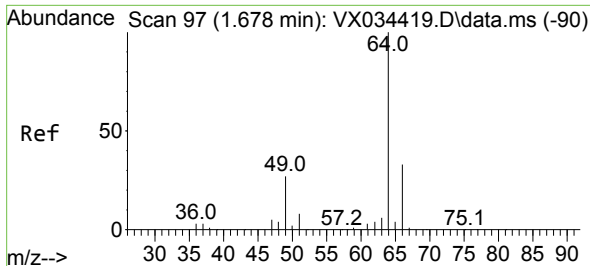
Tgt Ion:168 Resp: 231207
Ion Ratio Lower Upper
168 100
99 59.8 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX034519.D
Acq: 15 Mar 2023 19:30

Tgt Ion: 50 Resp: 628
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

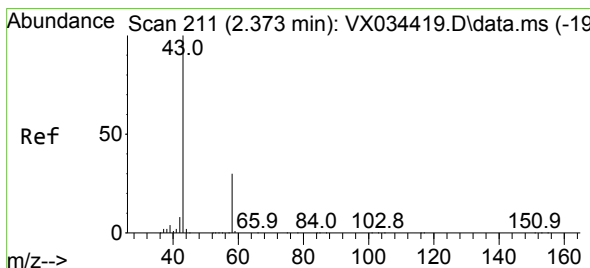
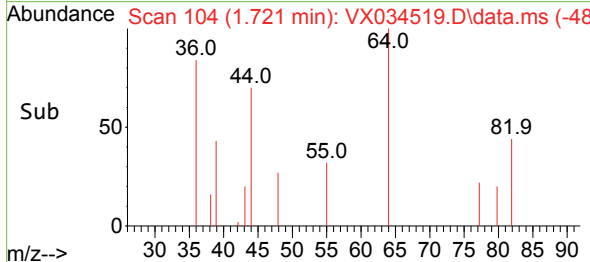
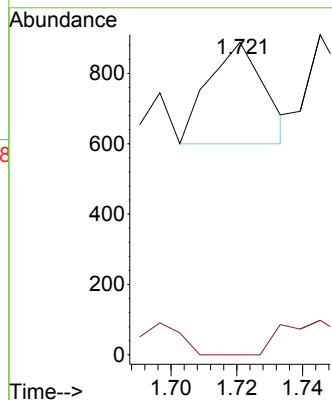
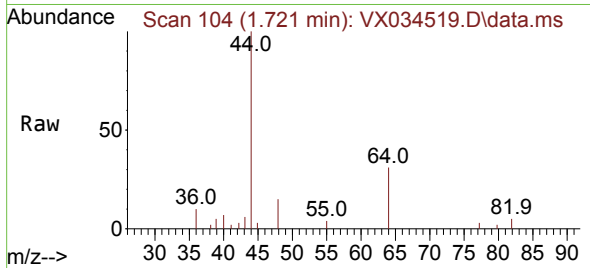




#6
Chloroethane
Concen: 0.201 ug/l
RT: 1.721 min Scan# 104
Delta R.T. 0.043 min
Lab File: VX034519.D
Acq: 15 Mar 2023 19:30

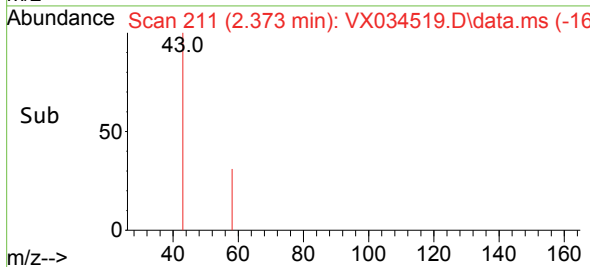
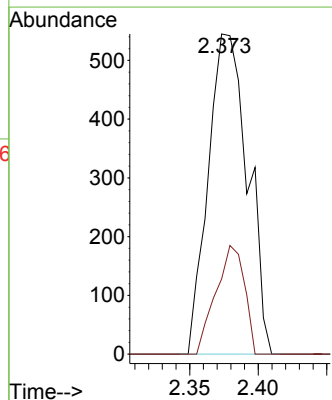
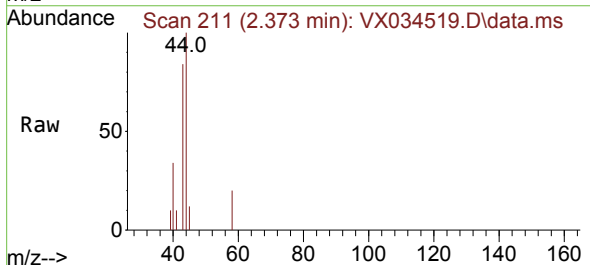
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20230312

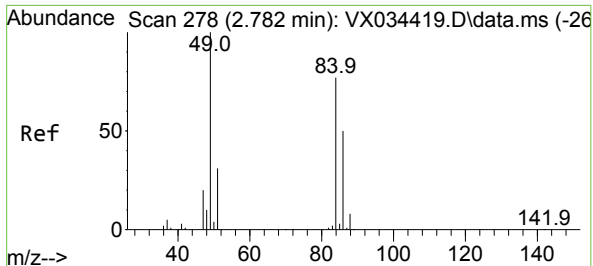
Tgt Ion: 64 Resp: 339
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 0.690 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034519.D
Acq: 15 Mar 2023 19:30

Tgt Ion: 43 Resp: 1094
Ion Ratio Lower Upper
43 100
58 23.5 24.7 37.1#

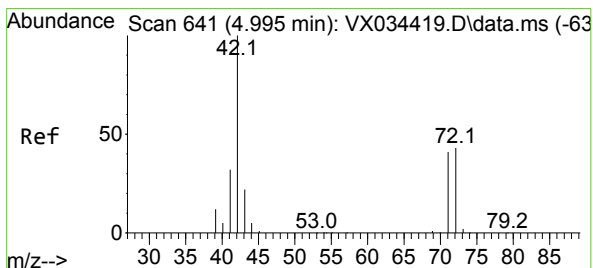
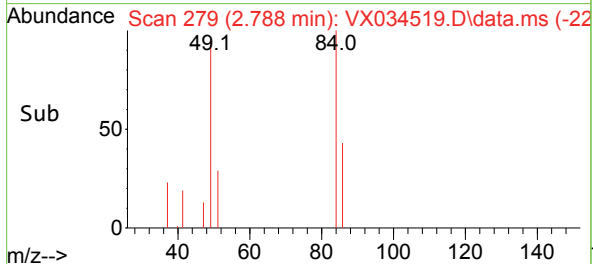
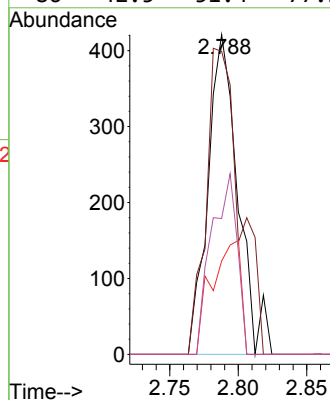
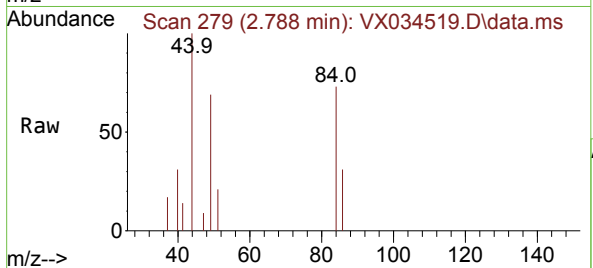




#20
Methylene Chloride
Concen: 0.209 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034519.D
Acq: 15 Mar 2023 19:30

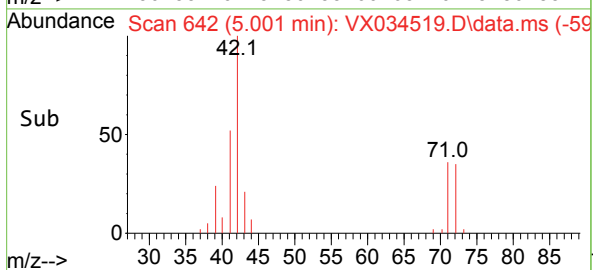
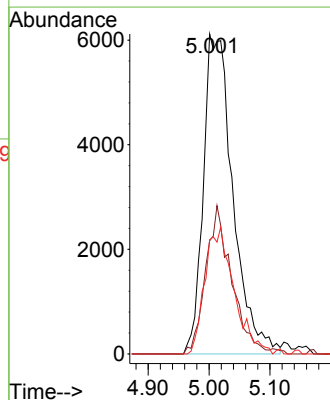
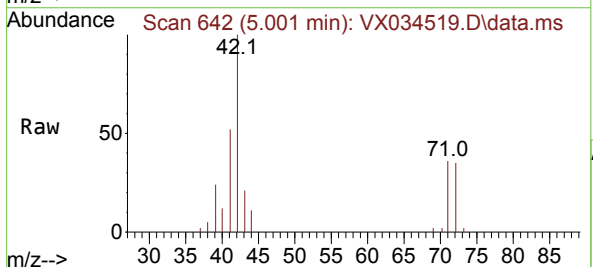
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20230312

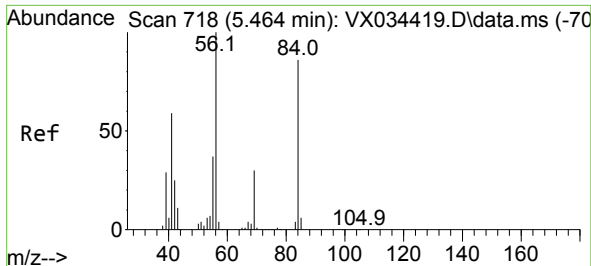
Tgt Ion:	84	Resp:	643
Ion	Ratio	Lower	Upper
84	100		
49	94.8	103.8	155.8#
51	29.2	31.8	47.8#
86	42.5	51.4	77.2#



#29
Tetrahydrofuran
Concen: 14.717 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.006 min
Lab File: VX034519.D
Acq: 15 Mar 2023 19:30

Tgt Ion:	42	Resp:	20588
Ion	Ratio	Lower	Upper
42	100		
72	40.7	34.5	51.7
71	38.8	32.1	48.1

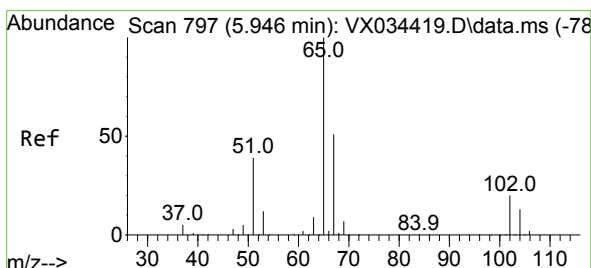
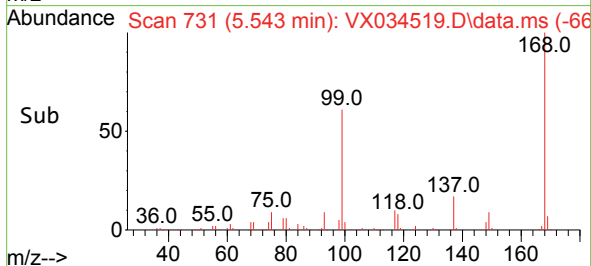
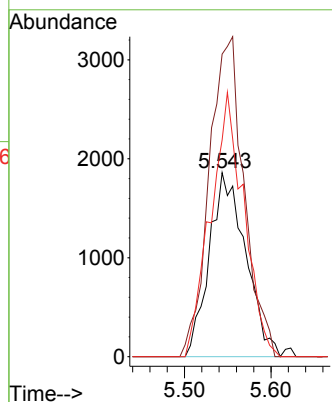
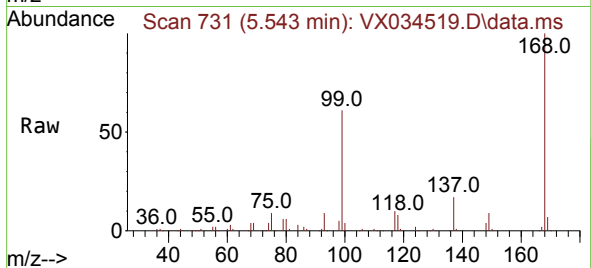




#31
Cyclohexane
Concen: 1.148 ug/l
RT: 5.543 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX034519.D
Acq: 15 Mar 2023 19:30

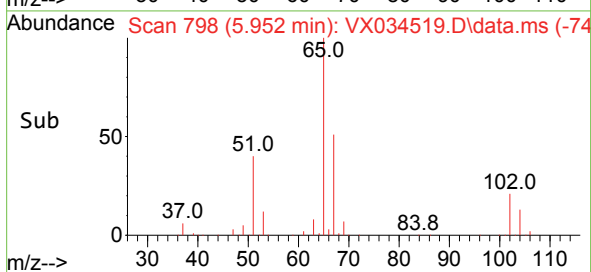
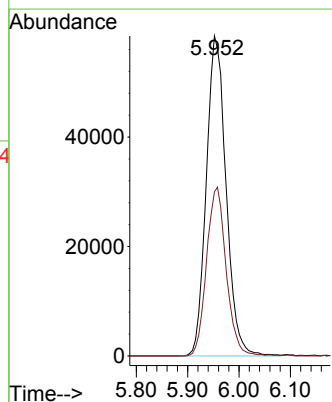
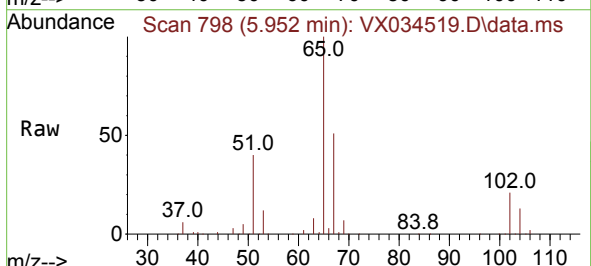
Instrument :
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ClientSampleId :
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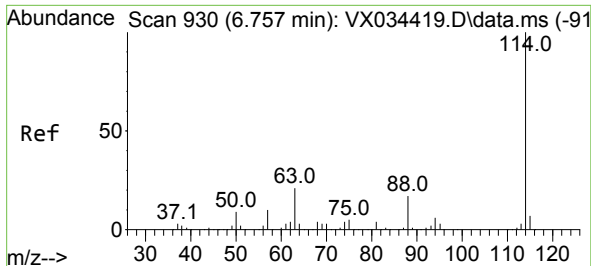
Tgt Ion: 56 Resp: 5417
Ion Ratio Lower Upper
56 100
69 164.4 23.7 35.5#
84 117.7 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 46.435 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034519.D
Acq: 15 Mar 2023 19:30

Tgt Ion: 65 Resp: 156190
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.0

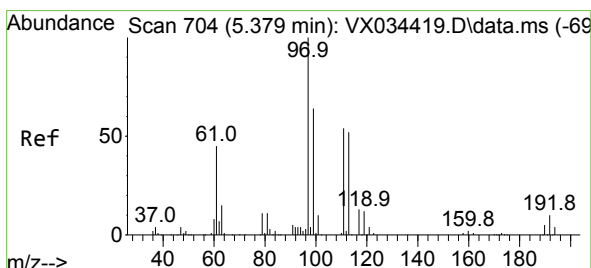
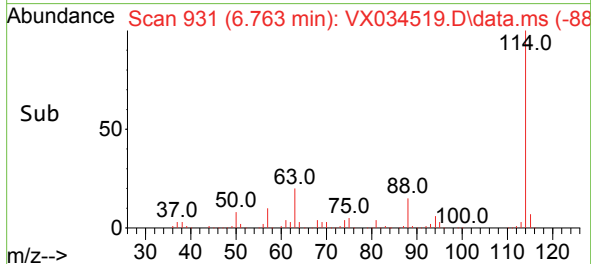
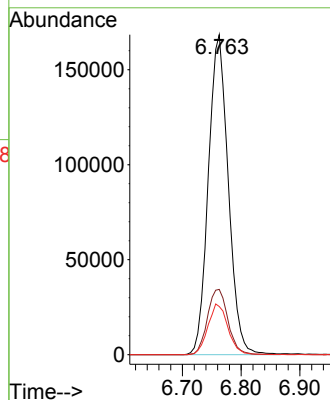
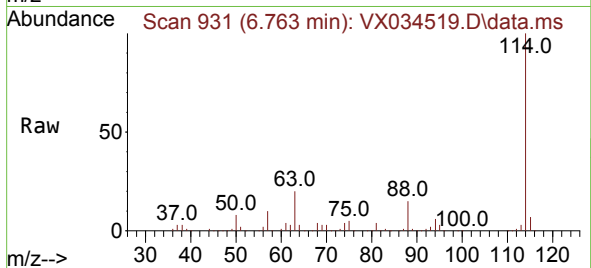




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034519.D
Acq: 15 Mar 2023 19:30

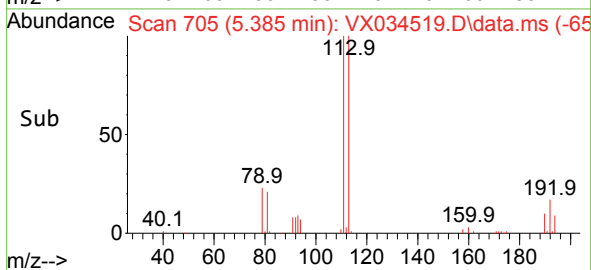
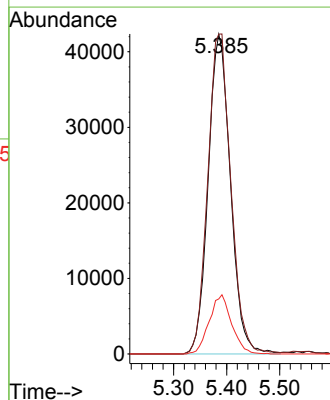
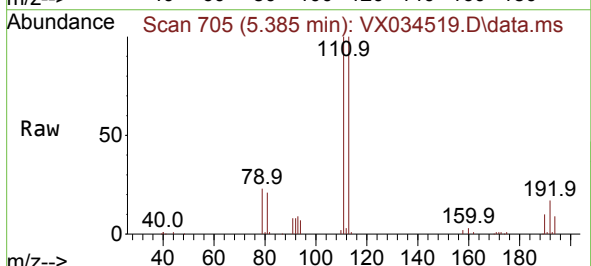
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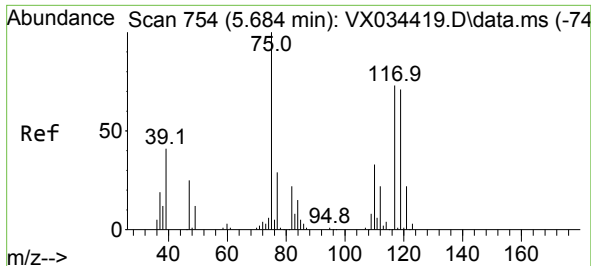
Tgt Ion:114 Resp: 397068
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.2
88 15.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.087 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034519.D
Acq: 15 Mar 2023 19:30

Tgt Ion:113 Resp: 123444
Ion Ratio Lower Upper
113 100
111 103.7 83.7 125.5
192 18.6 15.4 23.2

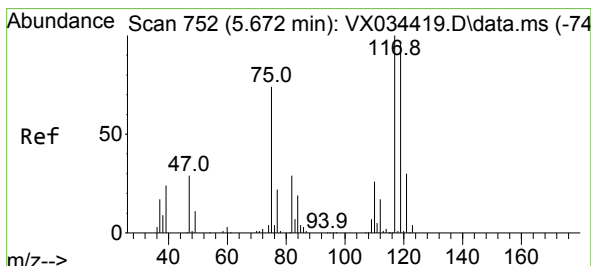
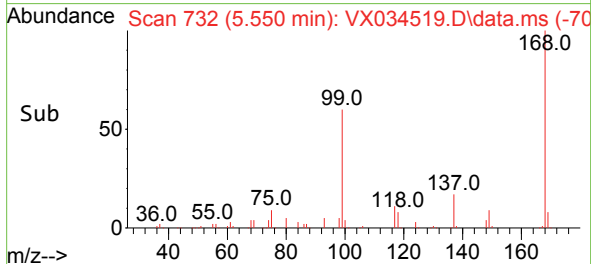
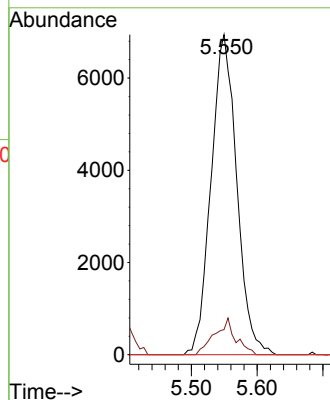
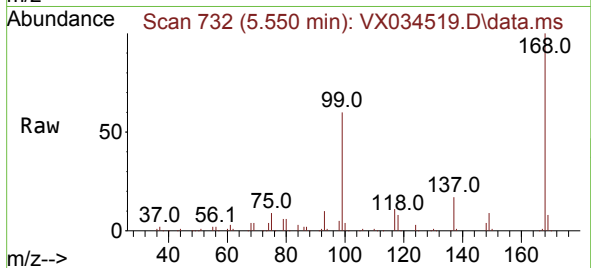




#36
1,1-Dichloropropene
Concen: 4.682 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.134 min
Lab File: VX034519.D
Acq: 15 Mar 2023 19:30

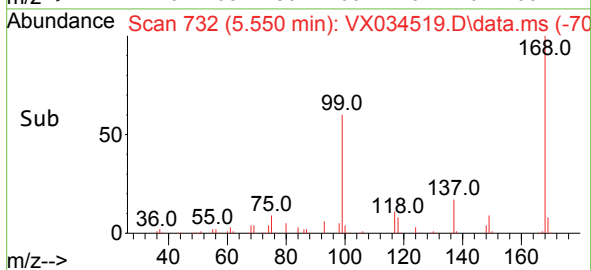
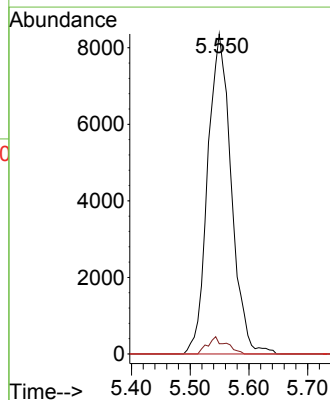
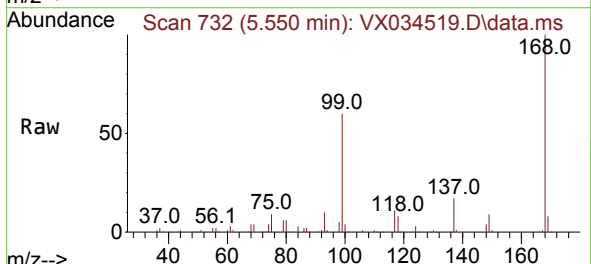
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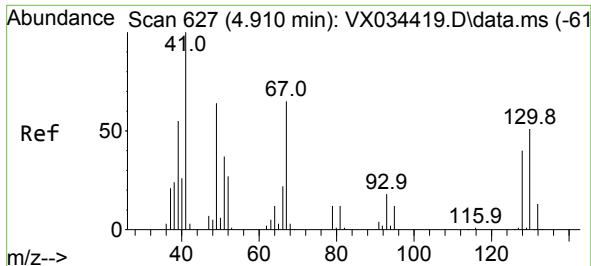
Tgt Ion: 75 Resp: 18854
Ion Ratio Lower Upper
75 100
110 9.3 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.820 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034519.D
Acq: 15 Mar 2023 19:30

Tgt Ion: 117 Resp: 23313
Ion Ratio Lower Upper
117 100
119 3.2 76.6 114.8#
121 0.0 23.8 35.6#

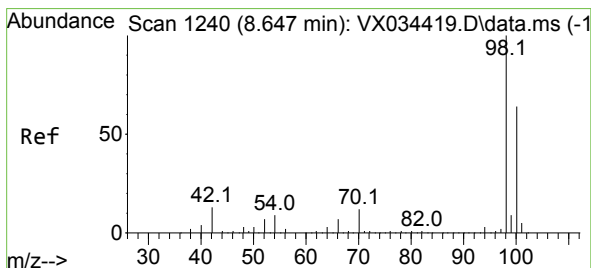
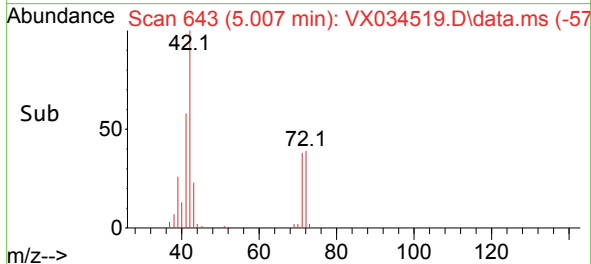
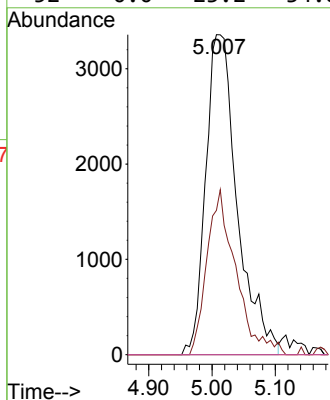
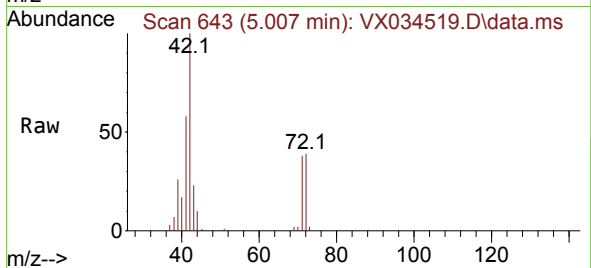




#41
Methacrylonitrile
Concen: 4.836 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.097 min
Lab File: VX034519.D
Acq: 15 Mar 2023 19:30

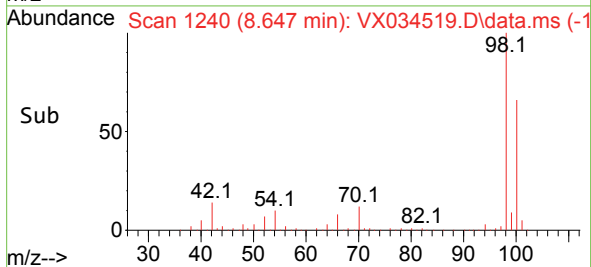
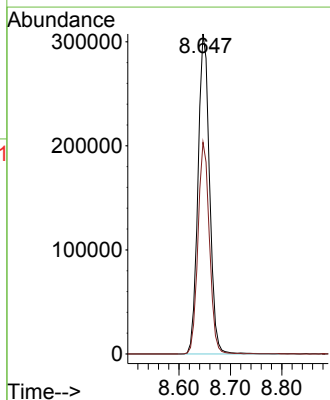
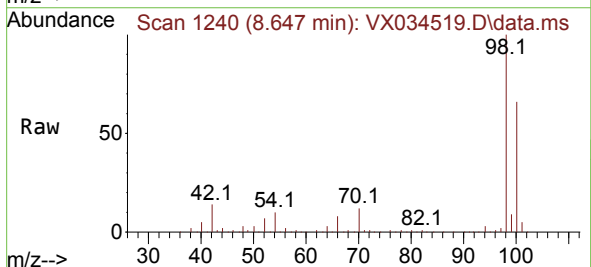
Instrument :
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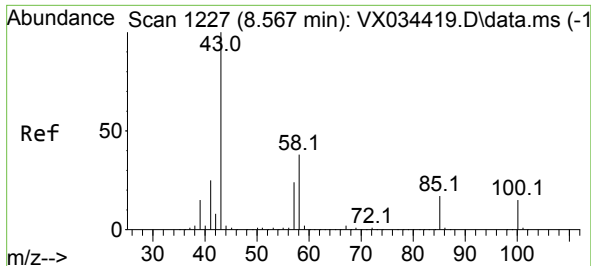
Tgt Ion: 41 Resp: 11658
Ion Ratio Lower Upper
41 100
39 47.3 45.0 67.6
67 0.0 55.6 83.4#
52 0.0 23.2 34.8#



#50
Toluene-d8
Concen: 49.071 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034519.D
Acq: 15 Mar 2023 19:30

Tgt Ion: 98 Resp: 480240
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7

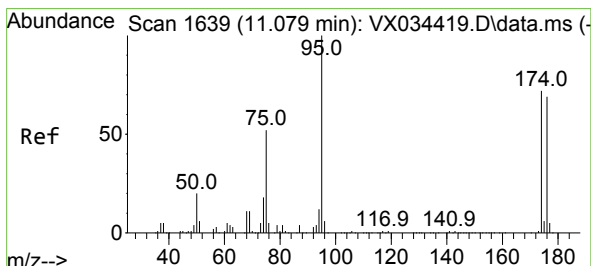
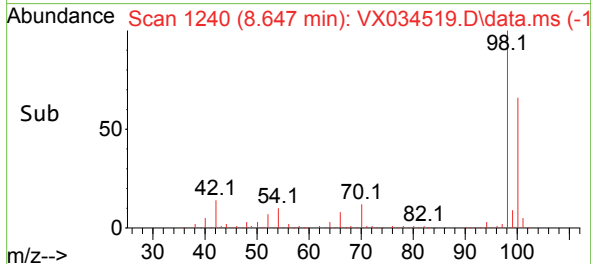
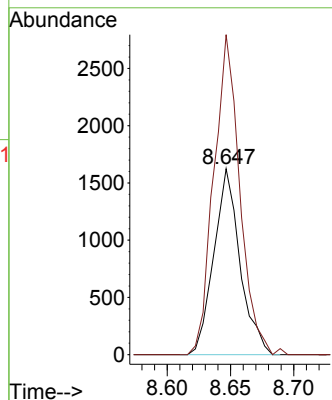
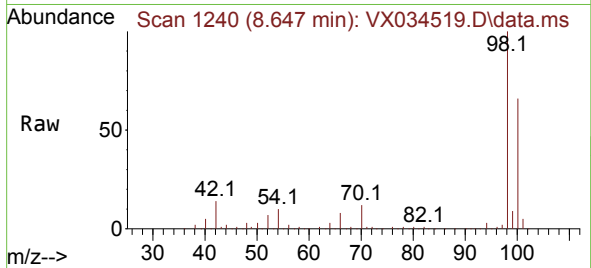




#51
4-Methyl-2-Pentanone
Concen: 0.540 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX034519.D
Acq: 15 Mar 2023 19:30

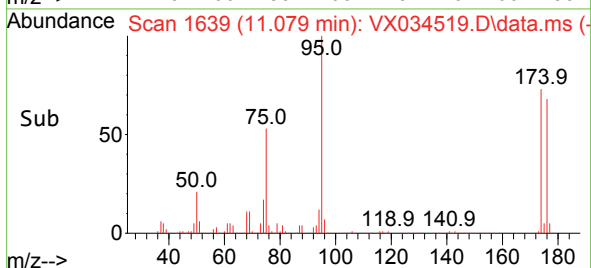
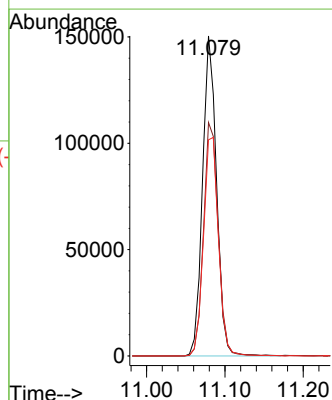
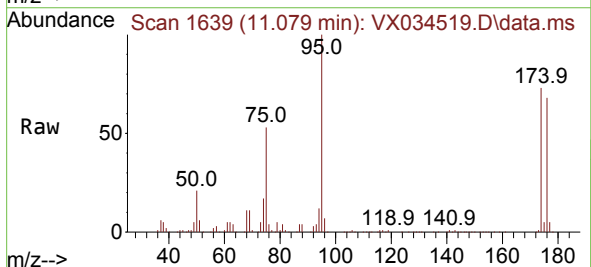
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20230312

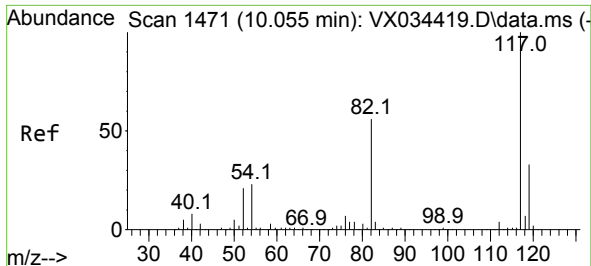
Tgt Ion: 43 Resp: 2336
Ion Ratio Lower Upper
43 100
58 171.4 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 47.235 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034519.D
Acq: 15 Mar 2023 19:30

Tgt Ion: 95 Resp: 186725
Ion Ratio Lower Upper
95 100
174 76.0 0.0 147.4
176 73.3 0.0 140.6

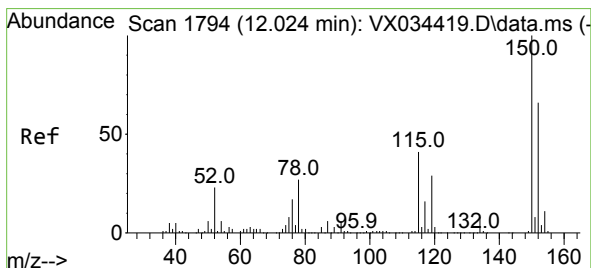
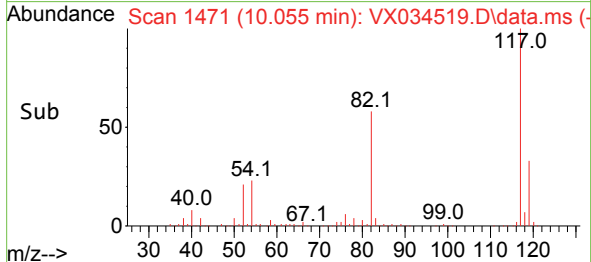
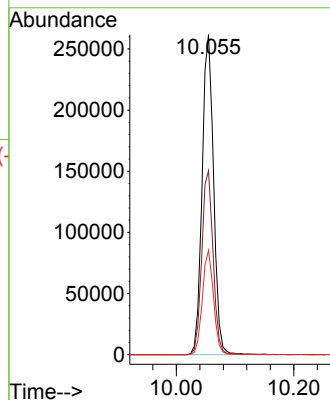
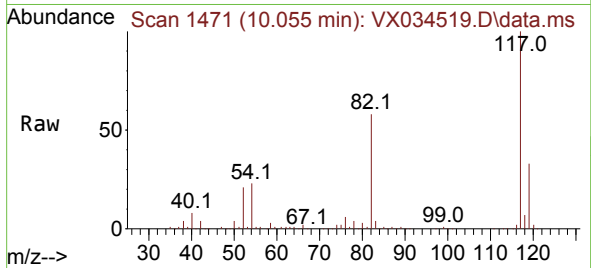




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034519.D
Acq: 15 Mar 2023 19:30

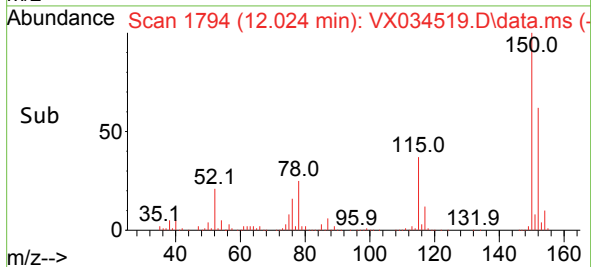
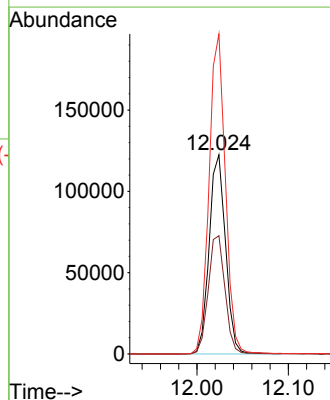
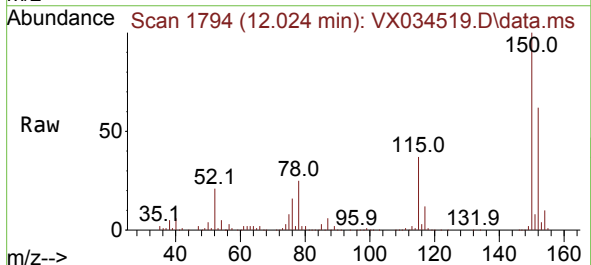
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20230312

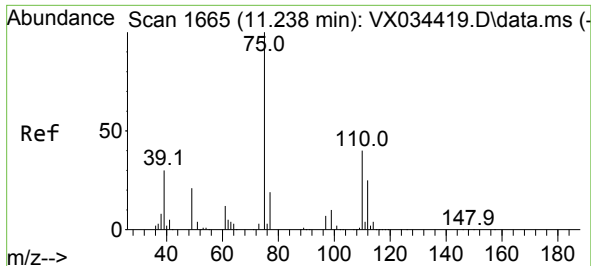
Tgt Ion:117 Resp: 354807
Ion Ratio Lower Upper
117 100
82 57.5 45.0 67.4
119 32.6 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034519.D
Acq: 15 Mar 2023 19:30

Tgt Ion:152 Resp: 152661
Ion Ratio Lower Upper
152 100
115 60.8 45.0 135.0
150 160.0 0.0 352.4

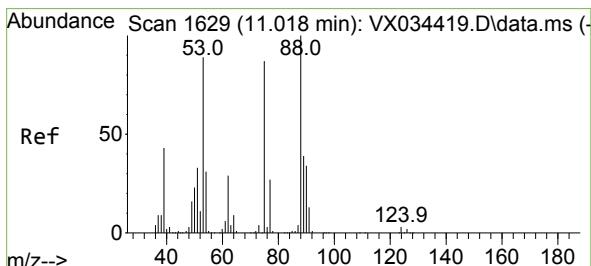
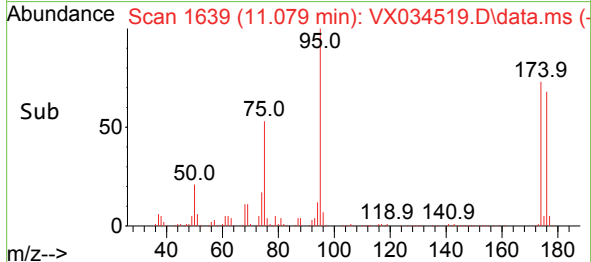
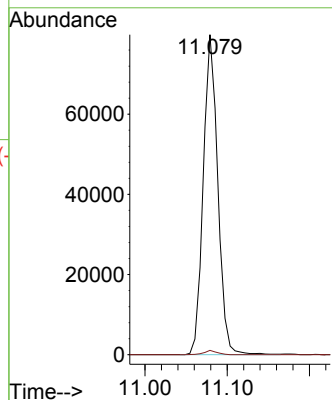
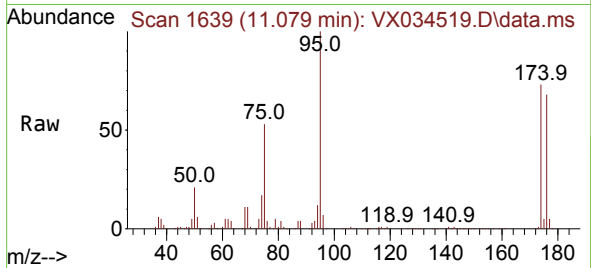




#76
1,2,3-Trichloropropane
Concen: 27.930 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034519.D
Acq: 15 Mar 2023 19:30

Instrument :
MSVOA_X
ClientSampleId :
DUP06-20230312

Tgt Ion: 75 Resp: 97902
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.559 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034519.D
Acq: 15 Mar 2023 19:30

Tgt Ion: 75 Resp: 97902
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

