

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034464.D
 Acq On : 14 Mar 2023 14:56
 Operator : JC/MD
 Sample : 01879-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20230308

Quant Time: Mar 15 06:41:31 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)

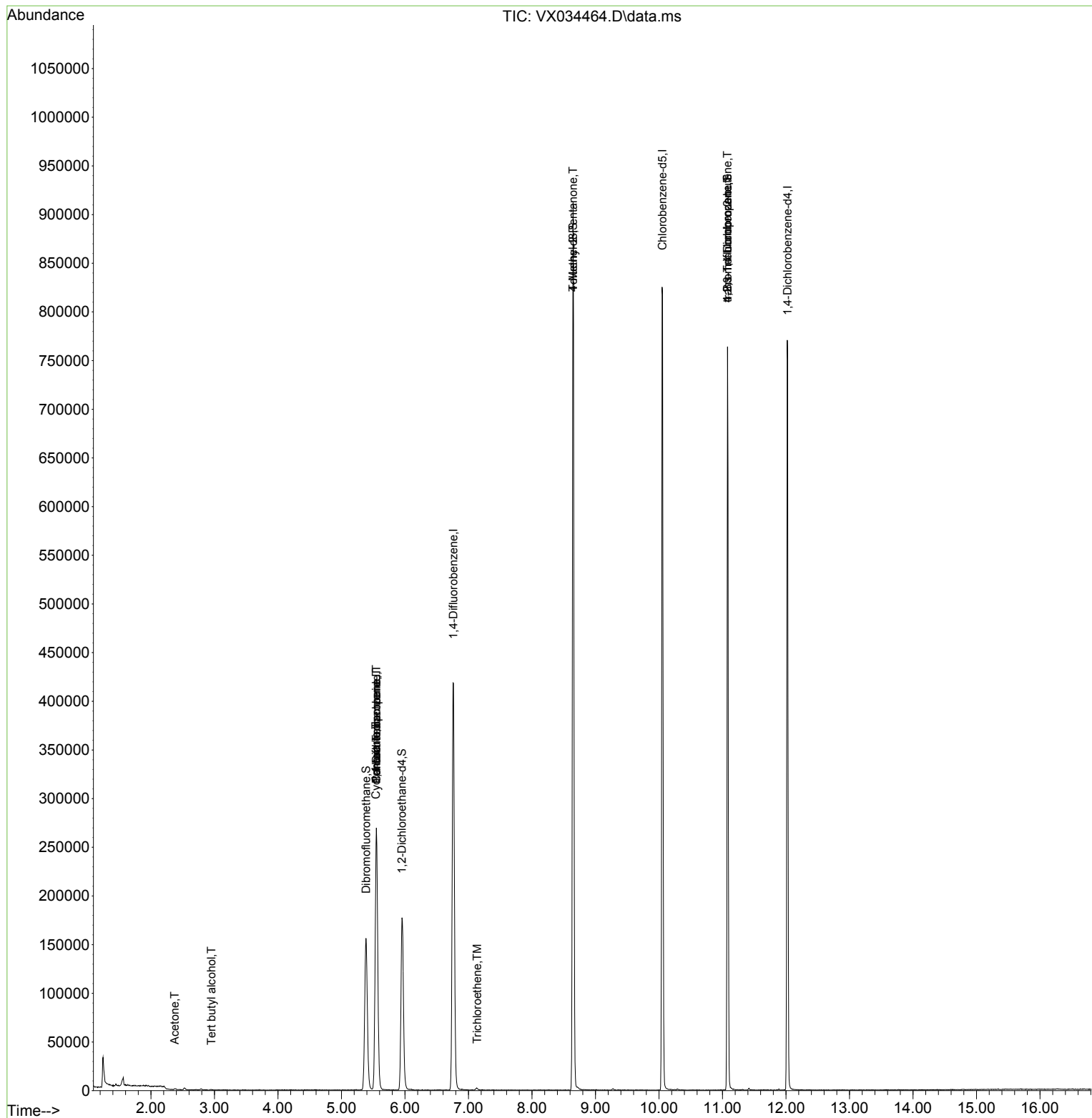
Internal Standards						
1) Pentafluorobenzene	5.550	168	255774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	433080	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	378363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	167559	45.031	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.060%
35) Dibromofluoromethane	5.385	113	135542	47.402	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.800%
50) Toluene-d8	8.647	98	519263	48.646	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.300%
62) 4-Bromofluorobenzene	11.079	95	190629	44.213	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.420%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	457	Below Cal	#	70
11) Tert butyl alcohol	2.953	59	184	0.237	ug/l #	73
16) Acetone	2.374	43	939	0.536	ug/l #	44
31) Cyclohexane	5.544	56	6031	1.156	ug/l #	27
36) 1,1-Dichloropropene	5.550	75	20368	4.638	ug/l #	50
38) Carbon Tetrachloride	5.550	117	25376	5.808	ug/l #	15
44) Trichloroethene	7.135	130	1012	0.303	ug/l	84
51) 4-Methyl-2-Pentanone	8.647	43	2546	0.540	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	99778	27.260	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	99778	73.746	ug/l #	8

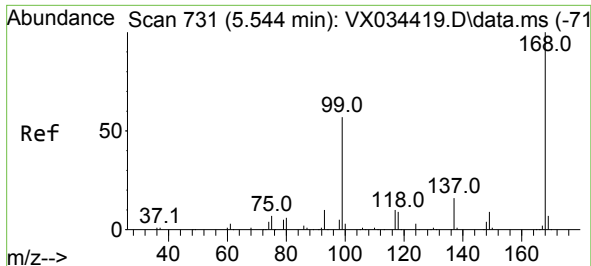
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

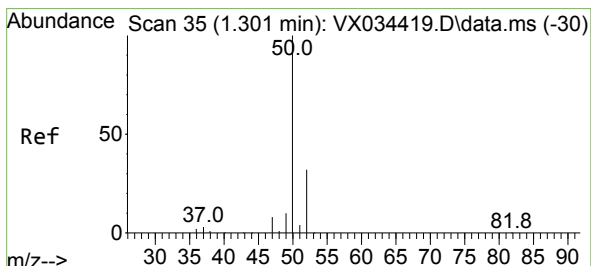
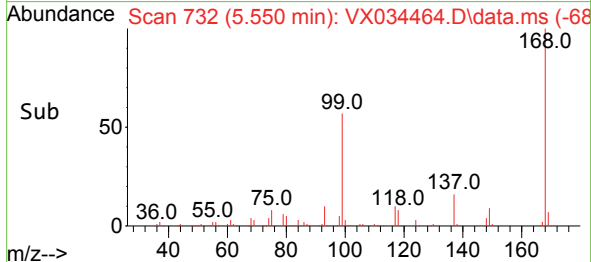
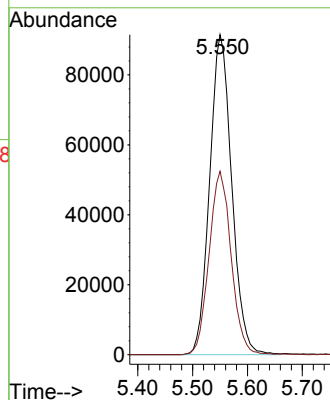
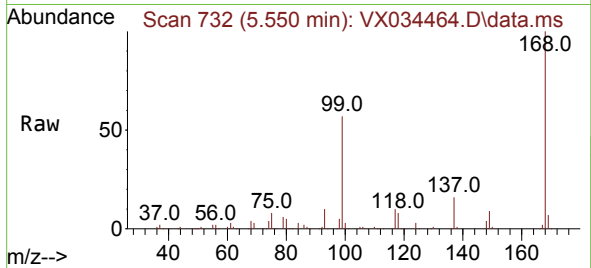




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034464.D
Acq: 14 Mar 2023 14:56

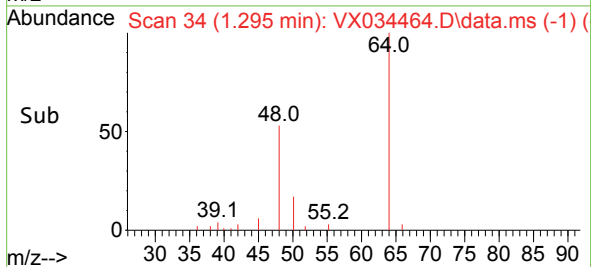
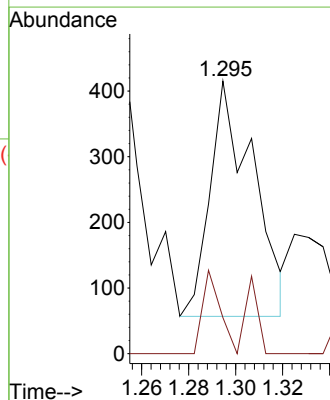
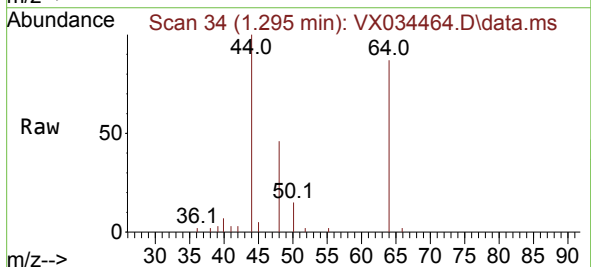
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MSVOA_X
ClientSampleId :
DUP02-20230308

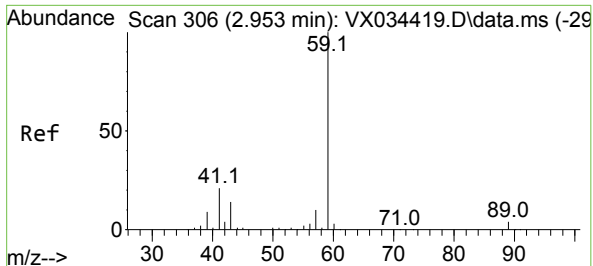
Tgt Ion:168 Resp: 255774
Ion Ratio Lower Upper
168 100
99 57.3 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX034464.D
Acq: 14 Mar 2023 14:56

Tgt Ion: 50 Resp: 457
Ion Ratio Lower Upper
50 100
52 15.4 25.9 38.9#

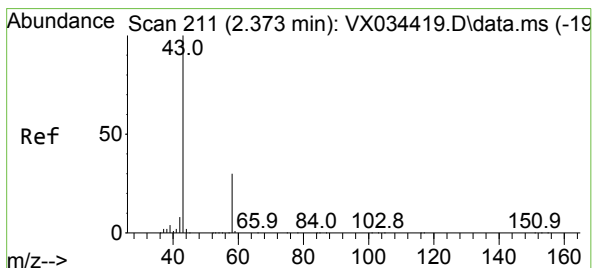
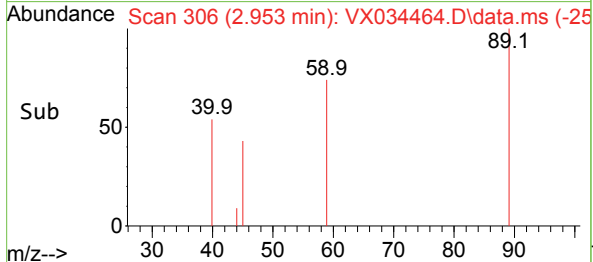
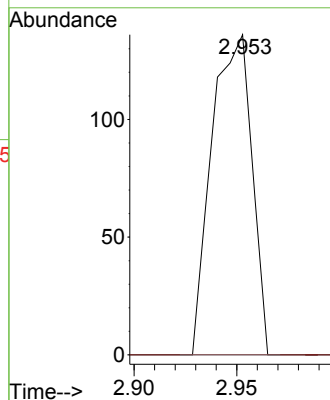
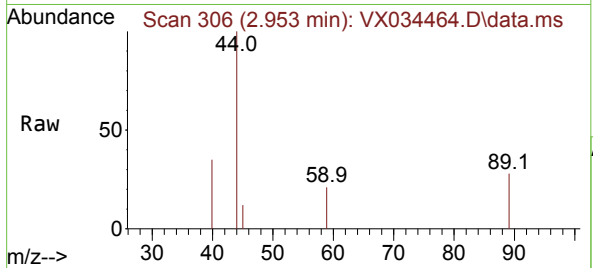




#11
Tert butyl alcohol
Concen: 0.237 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX034464.D
Acq: 14 Mar 2023 14:56

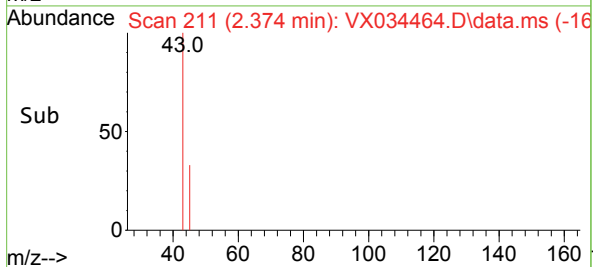
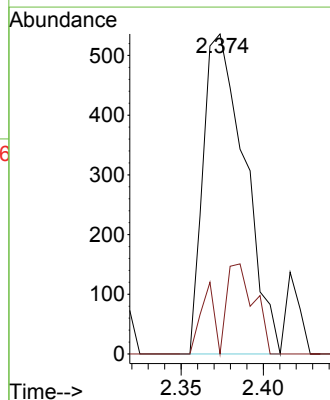
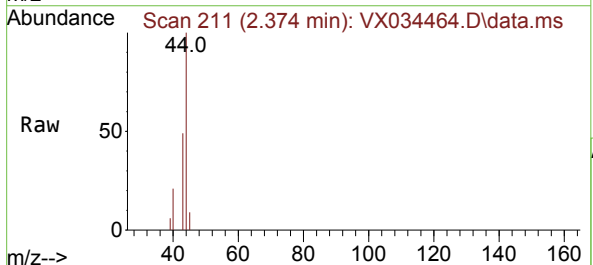
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20230308

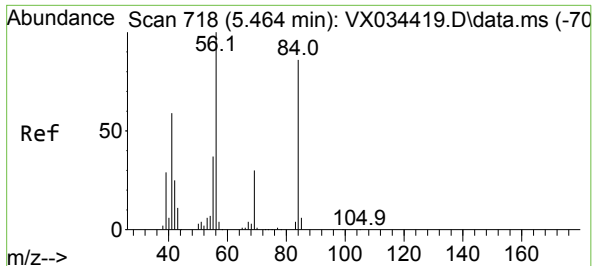
Tgt Ion: 59 Resp: 184
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 0.536 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034464.D
Acq: 14 Mar 2023 14:56

Tgt Ion: 43 Resp: 939
Ion Ratio Lower Upper
43 100
58 0.0 24.7 37.1#

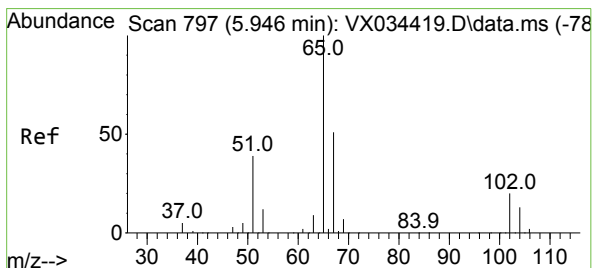
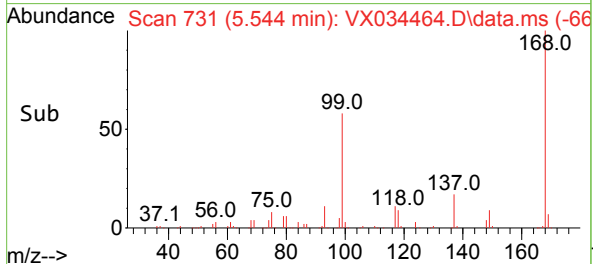
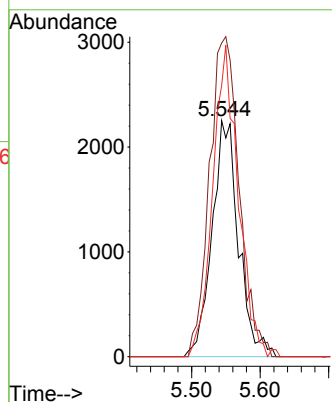
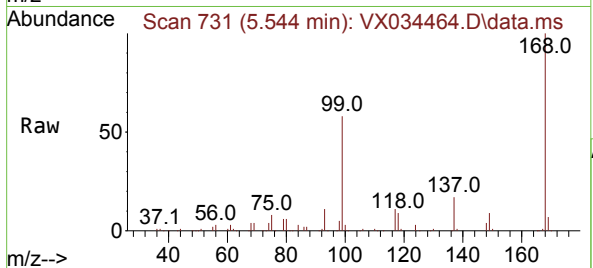




#31
Cyclohexane
Concen: 1.156 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX034464.D
Acq: 14 Mar 2023 14:56

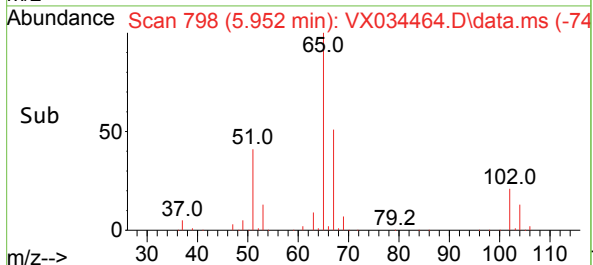
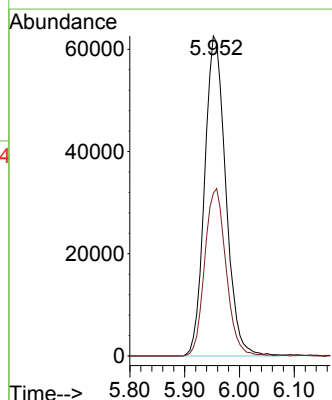
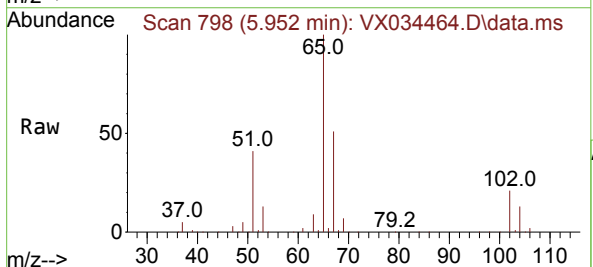
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20230308

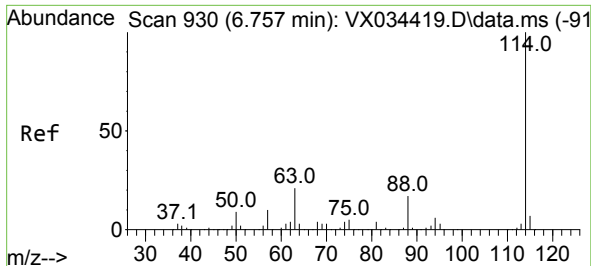
Tgt Ion: 56 Resp: 6031
Ion Ratio Lower Upper
56 100
69 132.9 23.7 35.5#
84 114.9 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 45.031 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034464.D
Acq: 14 Mar 2023 14:56

Tgt Ion: 65 Resp: 167559
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.0

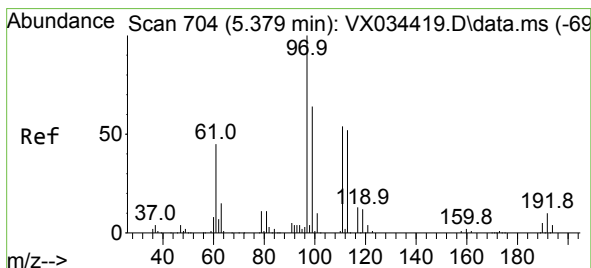
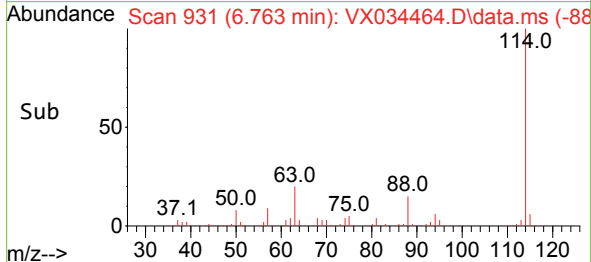
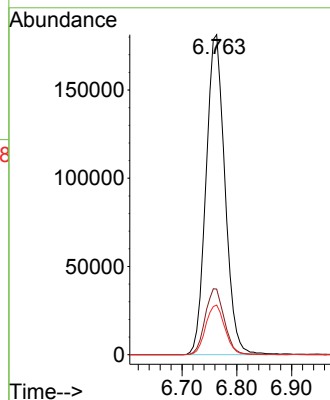
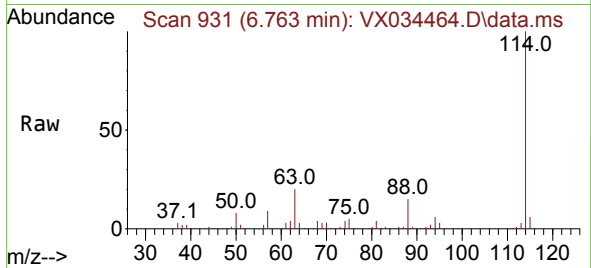




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034464.D
Acq: 14 Mar 2023 14:56

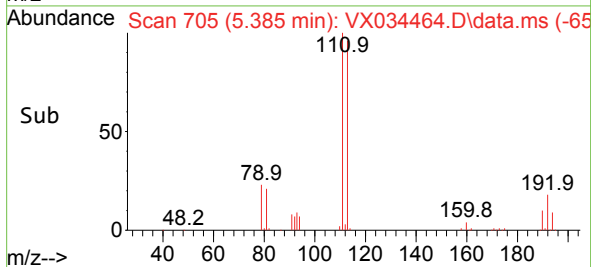
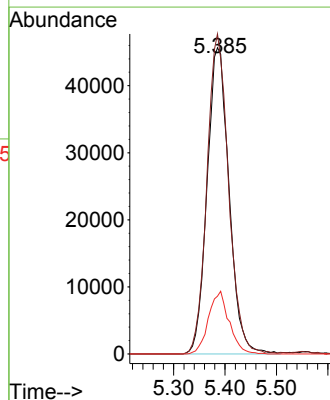
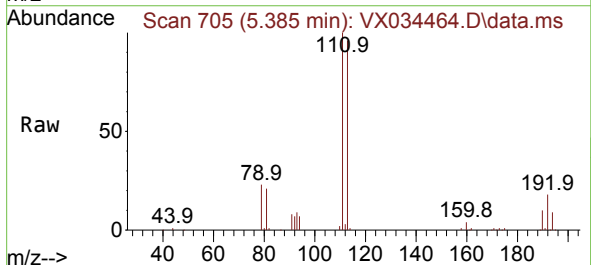
Instrument :
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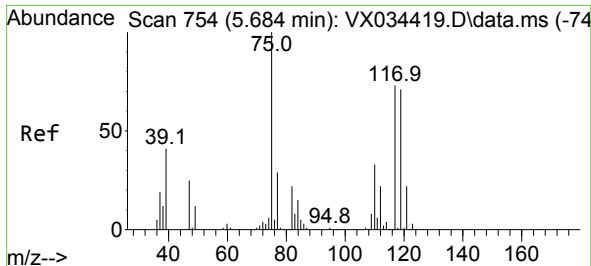
Tgt Ion:114 Resp: 433080
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.2
88 15.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.402 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034464.D
Acq: 14 Mar 2023 14:56

Tgt Ion:113 Resp: 135542
Ion Ratio Lower Upper
113 100
111 102.8 83.7 125.5
192 19.3 15.4 23.2

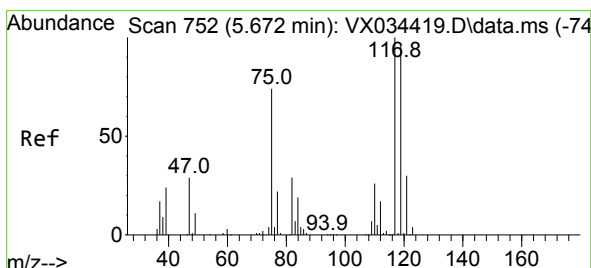
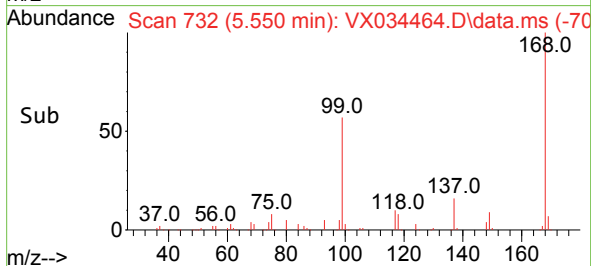
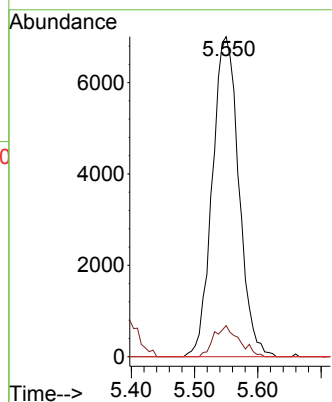
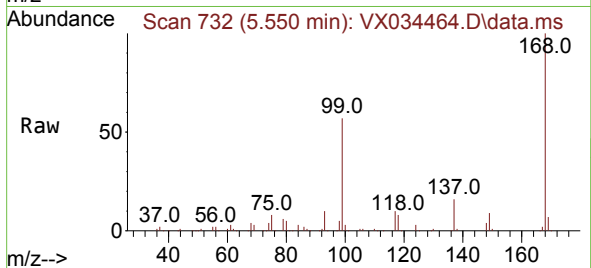




#36
1,1-Dichloropropene
Concen: 4.638 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.134 min
Lab File: VX034464.D
Acq: 14 Mar 2023 14:56

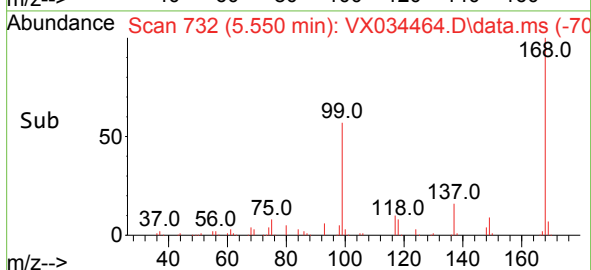
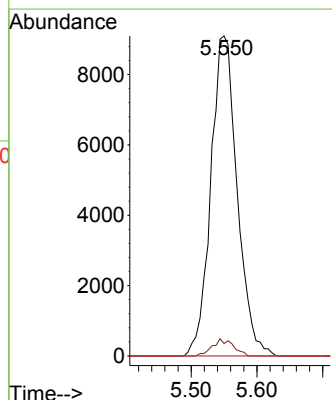
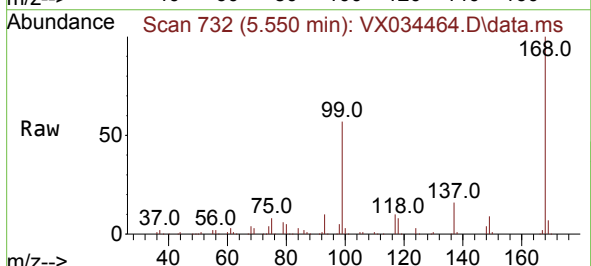
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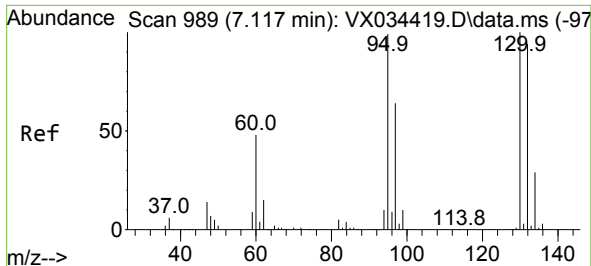
Tgt Ion: 75 Resp: 20368
Ion Ratio Lower Upper
75 100
110 9.3 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.808 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034464.D
Acq: 14 Mar 2023 14:56

Tgt Ion: 117 Resp: 25376
Ion Ratio Lower Upper
117 100
119 3.9 76.6 114.8#
121 0.0 23.8 35.6#

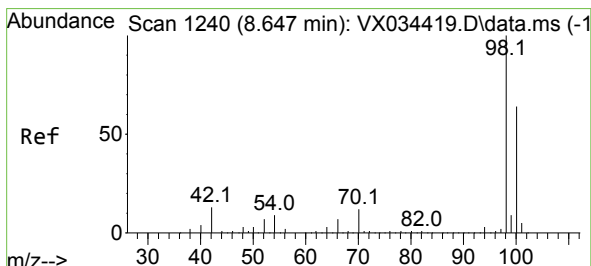
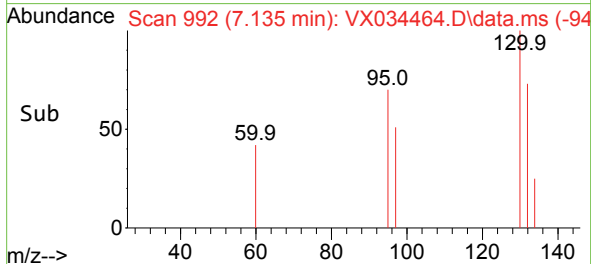
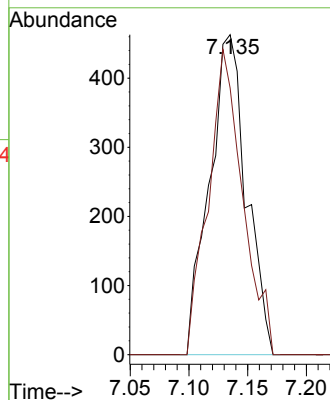
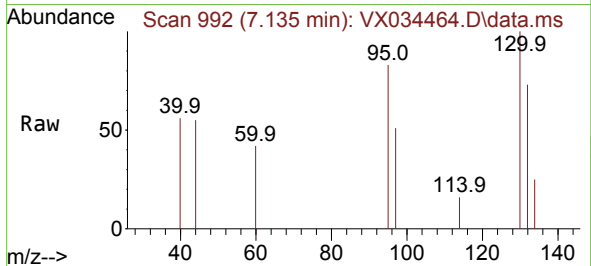




#44
Trichloroethene
Concen: 0.303 ug/l
RT: 7.135 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX034464.D
Acq: 14 Mar 2023 14:56

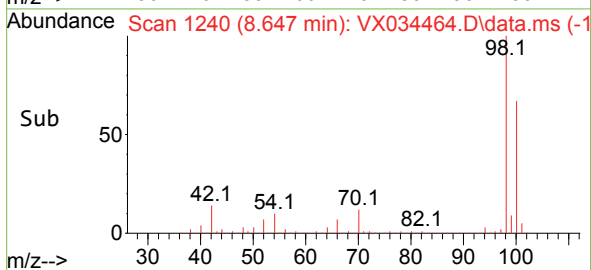
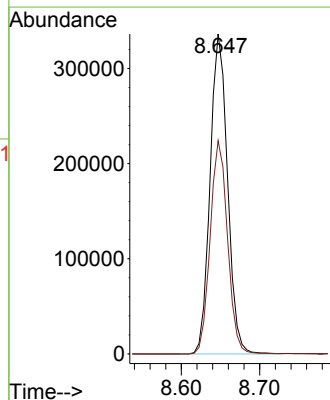
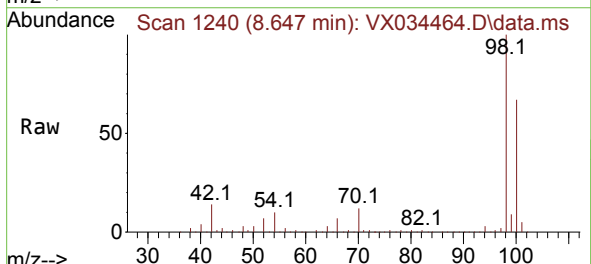
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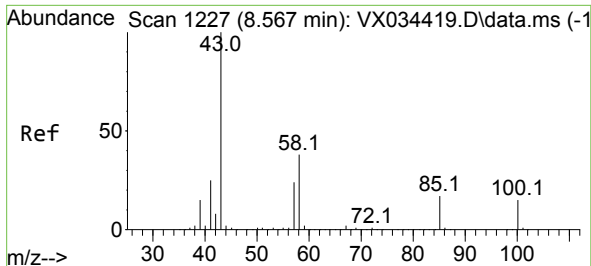
Tgt Ion:130 Resp: 1012
Ion Ratio Lower Upper
130 100
95 83.4 0.0 198.4



#50
Toluene-d8
Concen: 48.646 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034464.D
Acq: 14 Mar 2023 14:56

Tgt Ion: 98 Resp: 519263
Ion Ratio Lower Upper
98 100
100 66.6 52.5 78.7

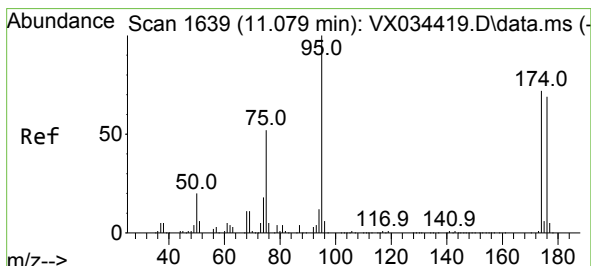
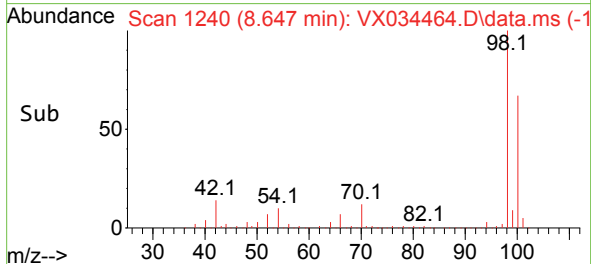
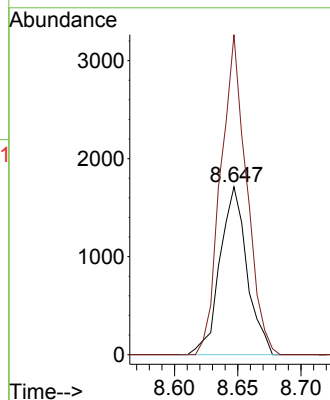
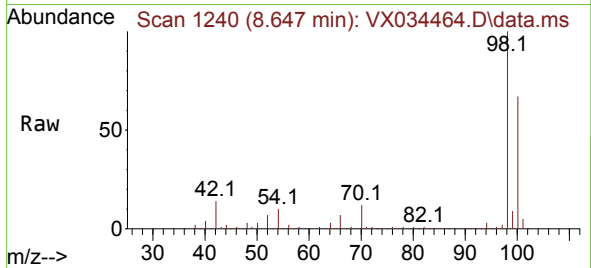




#51
4-Methyl-2-Pentanone
Concen: 0.540 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX034464.D
Acq: 14 Mar 2023 14:56

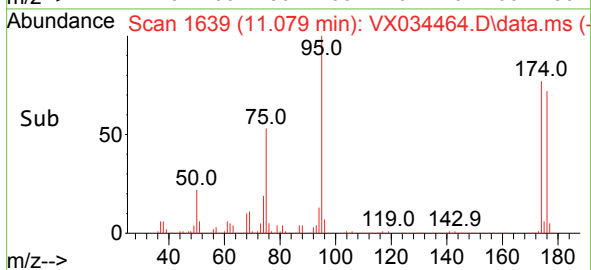
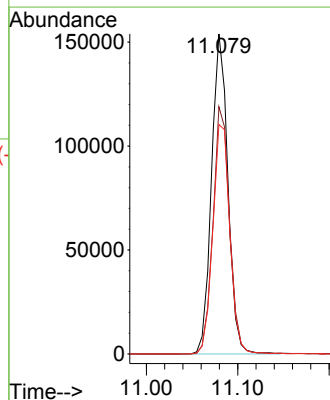
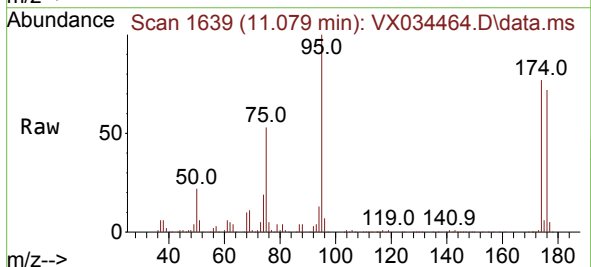
Instrument :
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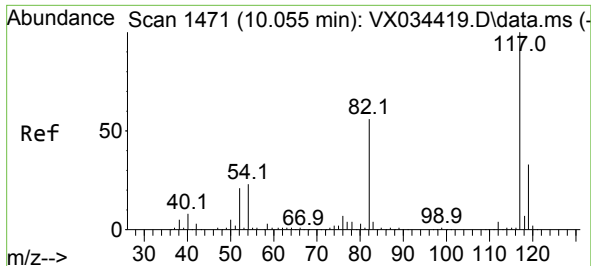
Tgt Ion: 43 Resp: 2546
Ion Ratio Lower Upper
43 100
58 182.4 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 44.213 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034464.D
Acq: 14 Mar 2023 14:56

Tgt Ion: 95 Resp: 190629
Ion Ratio Lower Upper
95 100
174 78.4 0.0 147.4
176 75.2 0.0 140.6

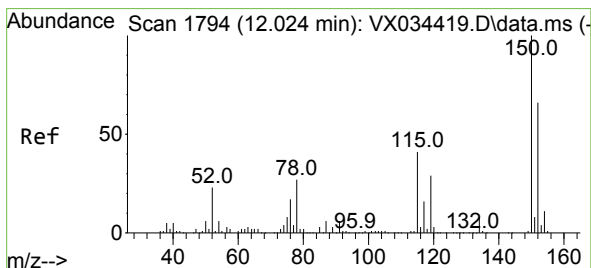
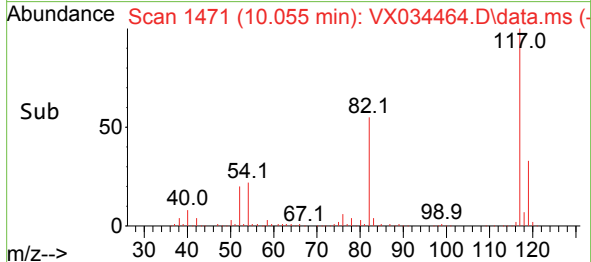
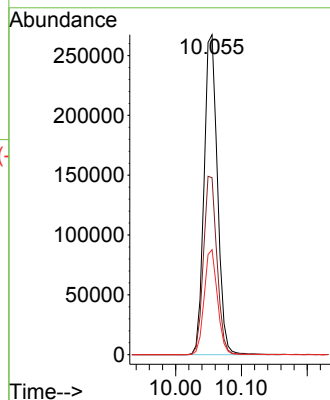
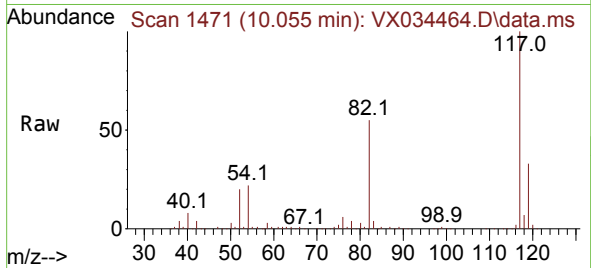




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034464.D
Acq: 14 Mar 2023 14:56

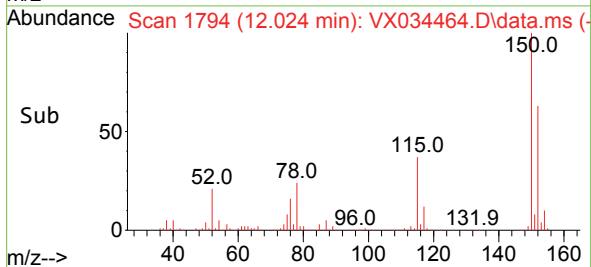
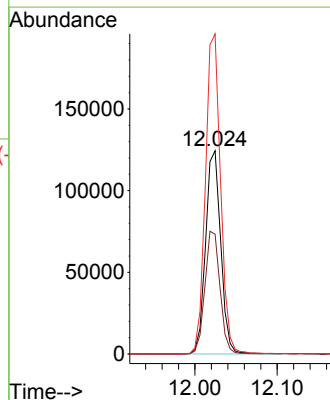
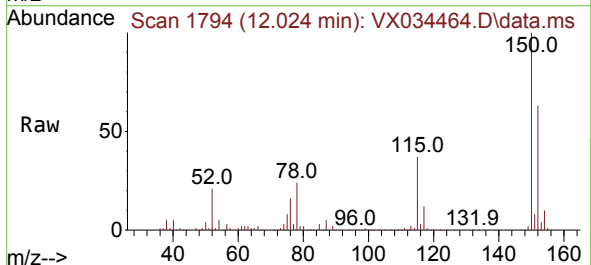
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20230308

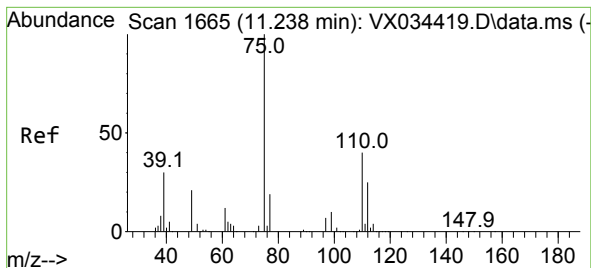
Tgt Ion:117 Resp: 378363
Ion Ratio Lower Upper
117 100
82 55.3 45.0 67.4
119 32.8 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034464.D
Acq: 14 Mar 2023 14:56

Tgt Ion:152 Resp: 159412
Ion Ratio Lower Upper
152 100
115 60.2 45.0 135.0
150 157.5 0.0 352.4

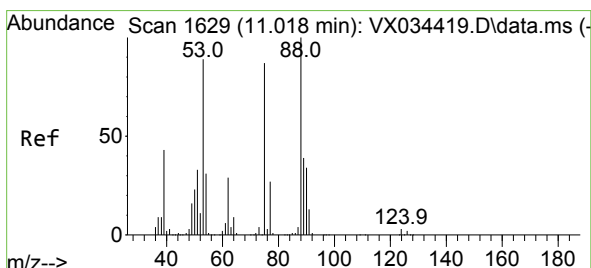
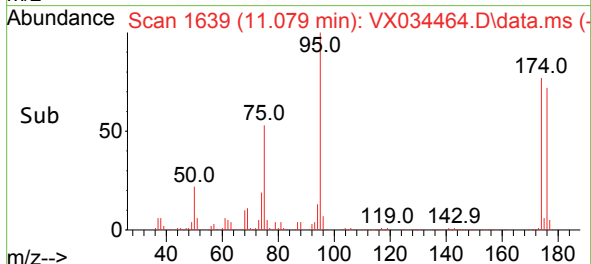
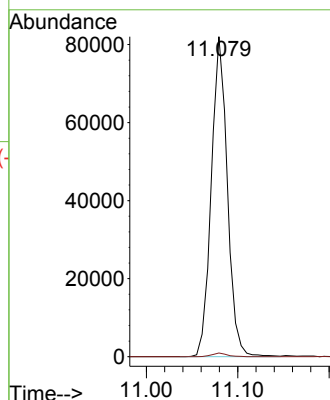
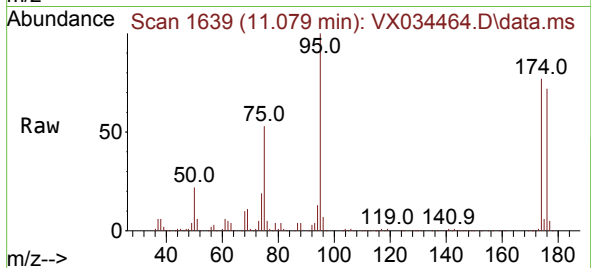




#76
1,2,3-Trichloropropane
Concen: 27.260 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034464.D
Acq: 14 Mar 2023 14:56

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20230308

Tgt Ion: 75 Resp: 99778
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.746 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034464.D
Acq: 14 Mar 2023 14:56

Tgt Ion: 75 Resp: 99778
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

