

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034460.D
 Acq On : 14 Mar 2023 13:22
 Operator : JC/MD
 Sample : 01879-10DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20230308DL

Quant Time: Mar 15 06:39:22 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	260977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	443481	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	393933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	192832	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	170930	45.021	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.040%
35) Dibromofluoromethane	5.385	113	139813	47.749	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.500%
50) Toluene-d8	8.647	98	536662	49.097	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.200%
62) 4-Bromofluorobenzene	11.079	95	240708	54.519	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.040%

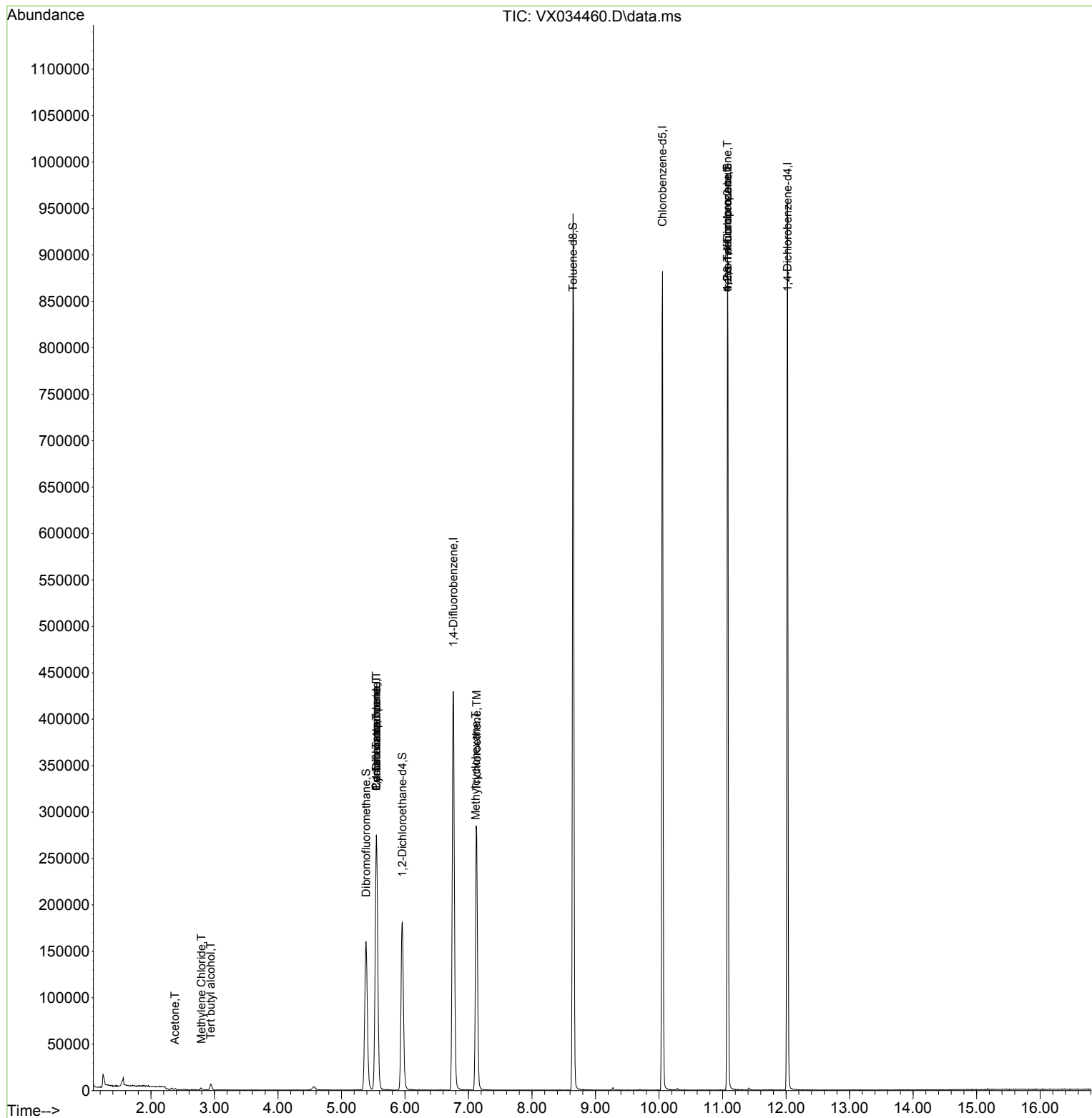
Target Compounds			Qvalue			
3) Chloromethane	1.294	50	433	Below Cal	#	42
11) Tert butyl alcohol	2.940	59	3837	4.853	ug/l #	73
16) Acetone	2.380	43	953	0.533	ug/l #	62
20) Methylene Chloride	2.794	84	1017	0.293	ug/l #	81
31) Cyclohexane	5.550	56	5872	1.103	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	20690	4.601	ug/l #	51
38) Carbon Tetrachloride	5.550	117	26084	5.830	ug/l #	16
39) Methylcyclohexane	7.117	83	1439	0.267	ug/l #	1
44) Trichloroethene	7.129	130	110495	32.324	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	131178	29.627	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	131178	80.150	ug/l #	8

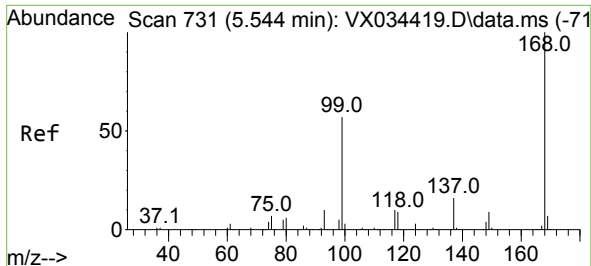
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
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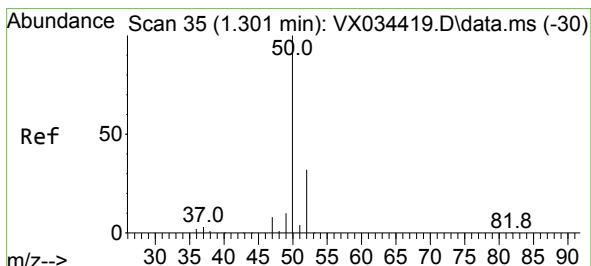
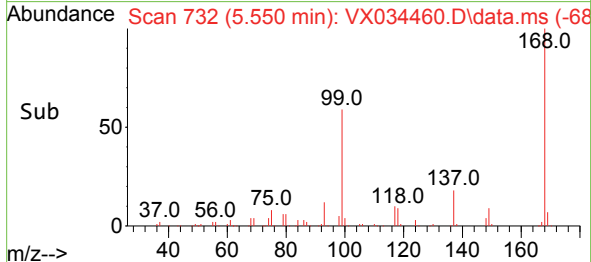
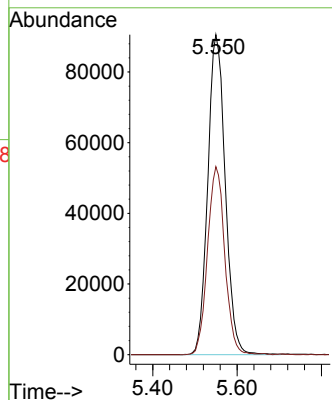
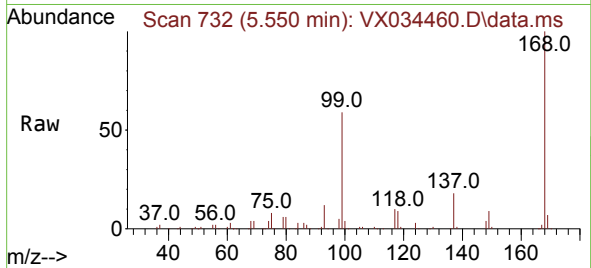




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034460.D
Acq: 14 Mar 2023 13:22

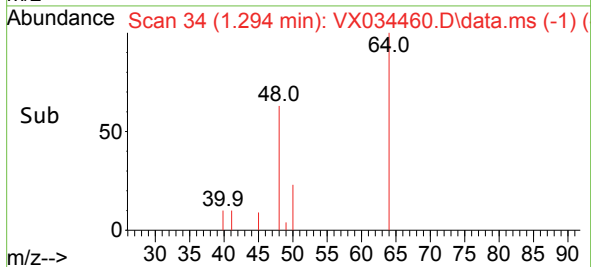
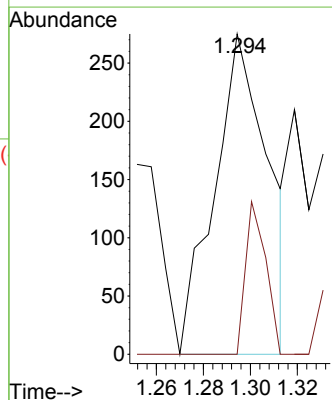
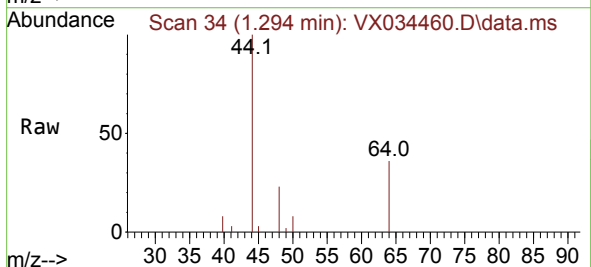
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20230308DL

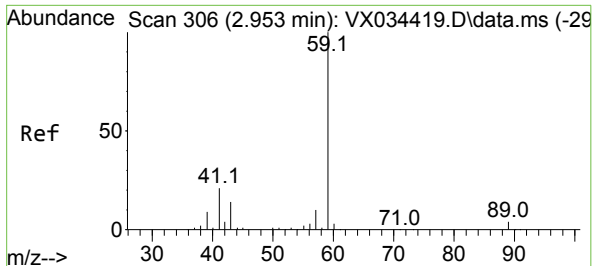
Tgt Ion:168 Resp: 260977
Ion Ratio Lower Upper
168 100
99 58.7 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX034460.D
Acq: 14 Mar 2023 13:22

Tgt Ion: 50 Resp: 433
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 4.853 ug/l

RT: 2.940 min Scan# 306

Delta R.T. -0.012 min

Lab File: VX034460.D

Acq: 14 Mar 2023 13:22

Instrument :

MSVOA_X

ClientSampleId :

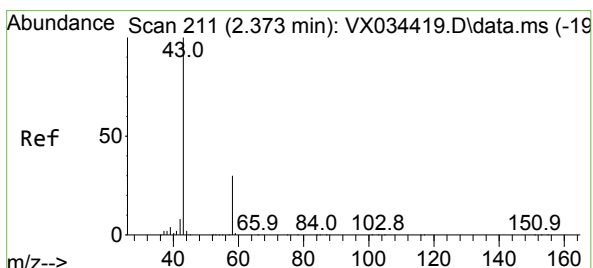
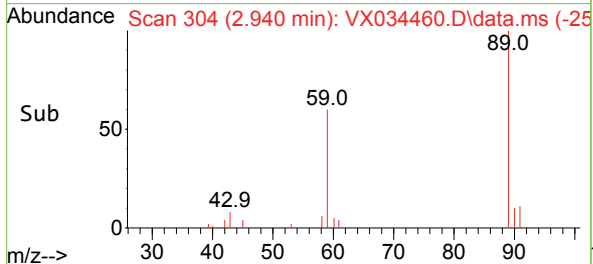
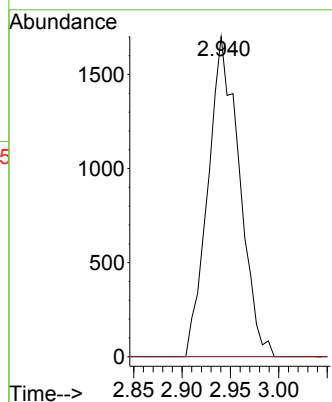
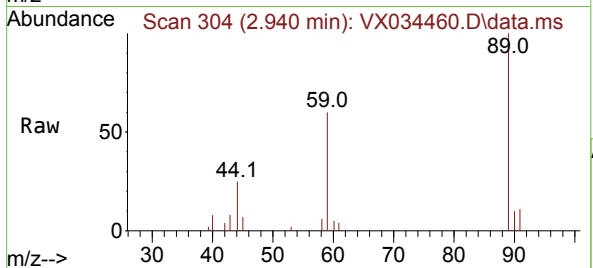
DUP03-20230308DL

Tgt Ion: 59 Resp: 3837

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 0.533 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX034460.D

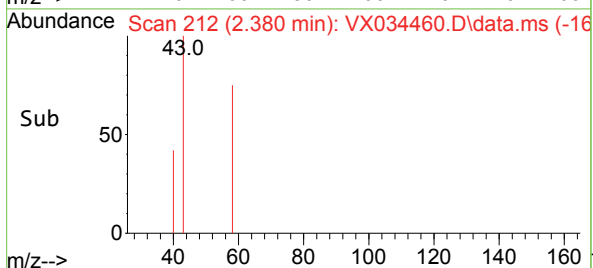
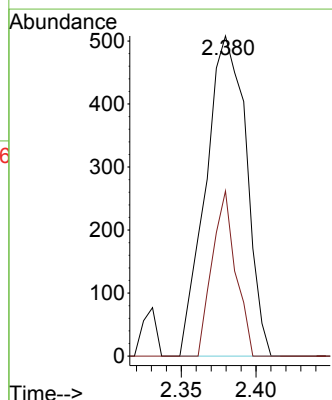
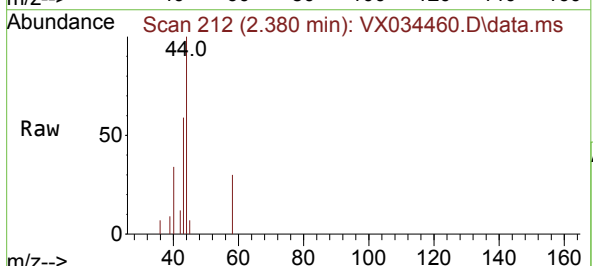
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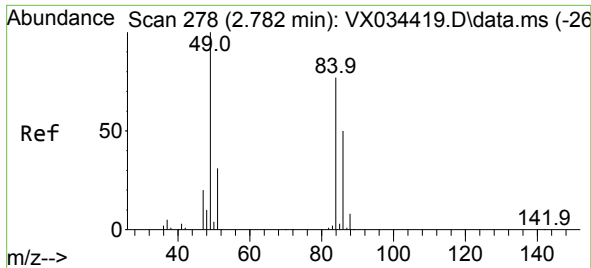
Tgt Ion: 43 Resp: 953

Ion Ratio Lower Upper

43 100

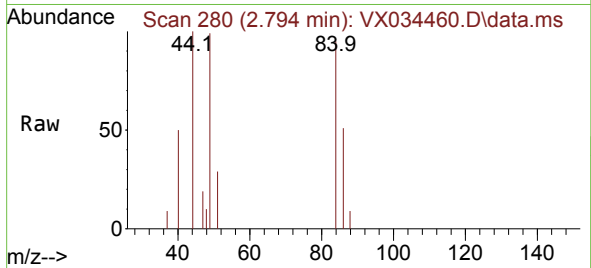
58 51.6 24.7 37.1#



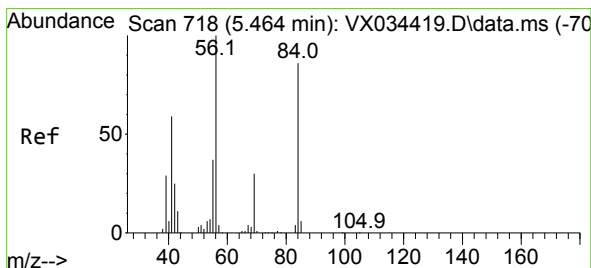
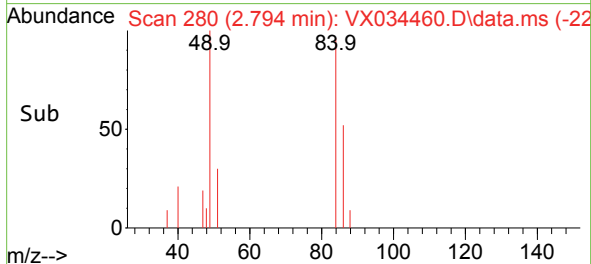
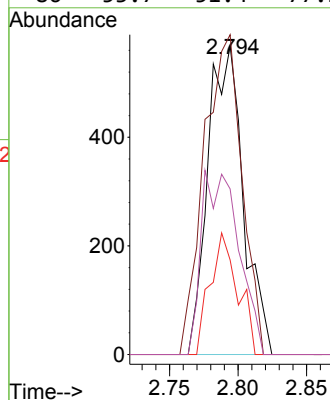


#20
Methylene Chloride
Concen: 0.293 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX034460.D
Acq: 14 Mar 2023 13:22

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20230308DL

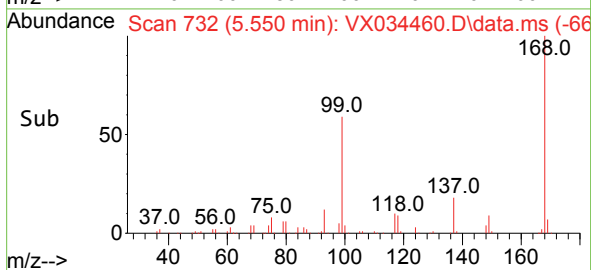
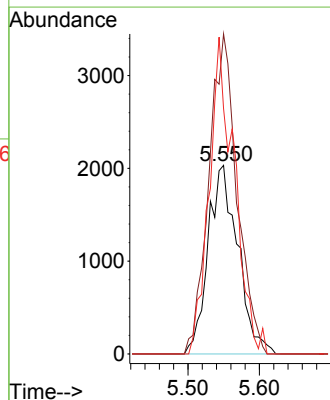
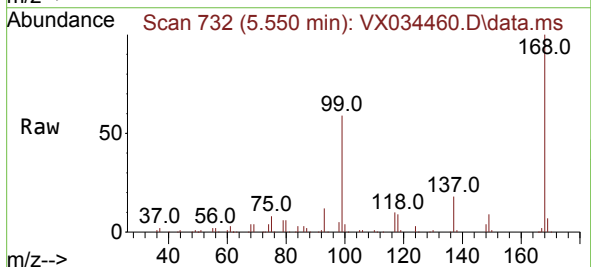


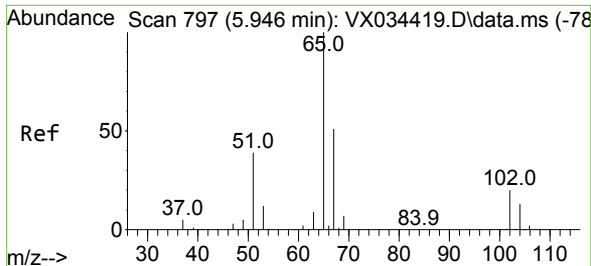
Tgt Ion: 84 Resp: 1017
Ion Ratio Lower Upper
84 100
49 103.7 103.8 155.8#
51 30.6 31.8 47.8#
86 53.7 51.4 77.2



#31
Cyclohexane
Concen: 1.103 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX034460.D
Acq: 14 Mar 2023 13:22

Tgt Ion: 56 Resp: 5872
Ion Ratio Lower Upper
56 100
69 169.7 23.7 35.5#
84 130.2 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 45.021 ug/l

RT: 5.958 min Scan# 797

Delta R.T. 0.012 min

Lab File: VX034460.D

Acq: 14 Mar 2023 13:22

Instrument :

MSVOA_X

ClientSampleId :

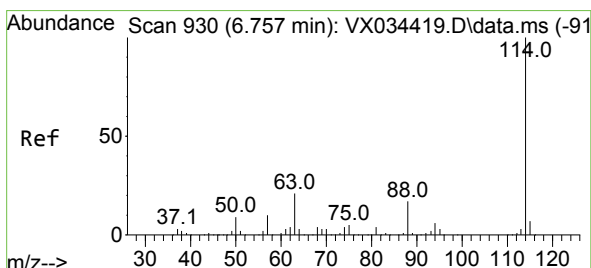
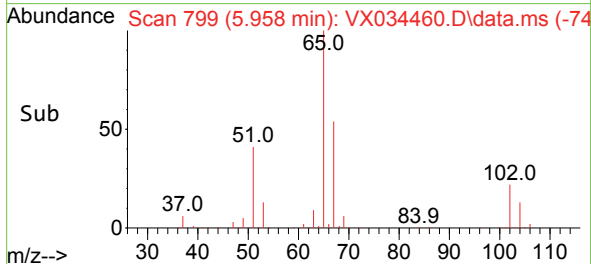
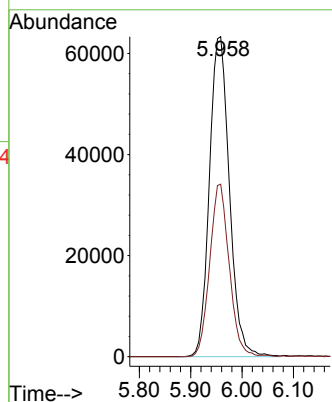
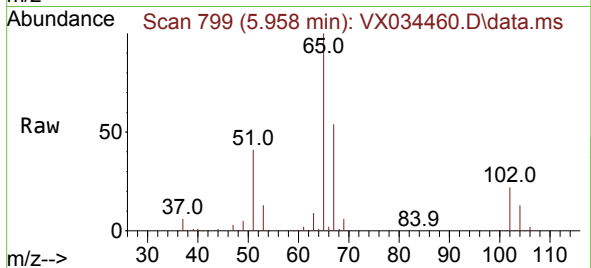
DUP03-20230308DL

Tgt Ion: 65 Resp: 170930

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034460.D

Acq: 14 Mar 2023 13:22

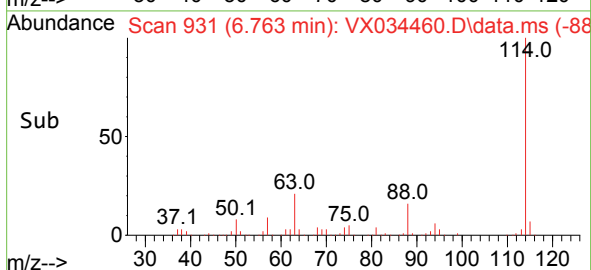
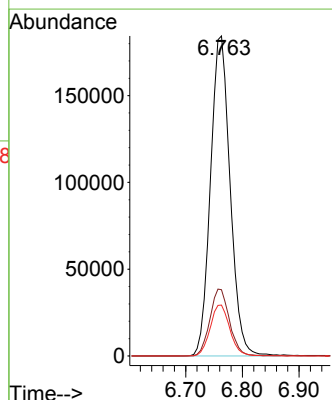
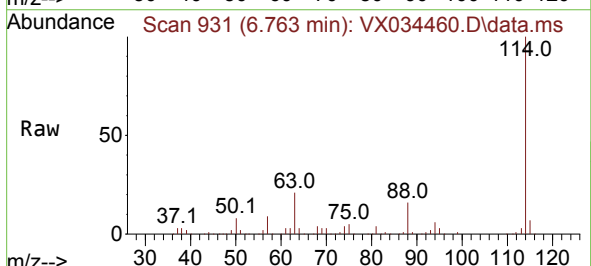
Tgt Ion: 114 Resp: 443481

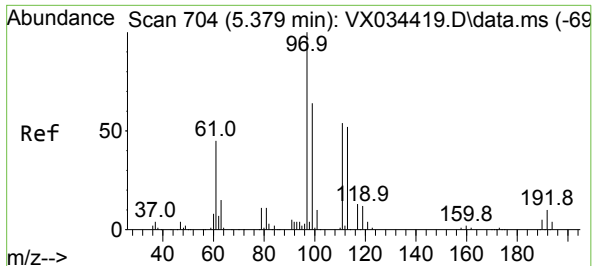
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.2

88 15.9 0.0 33.2

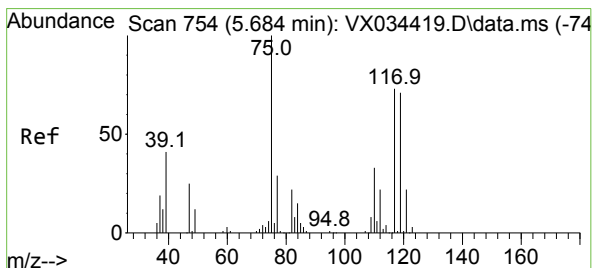
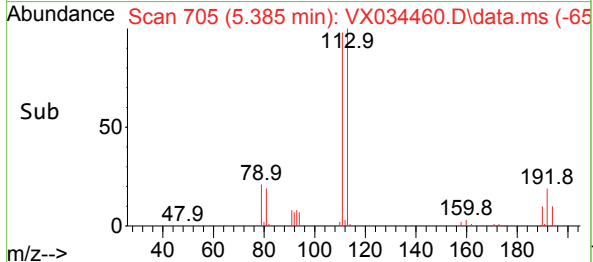
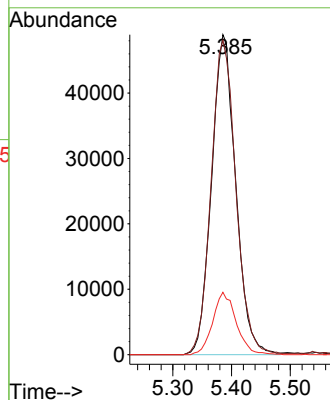
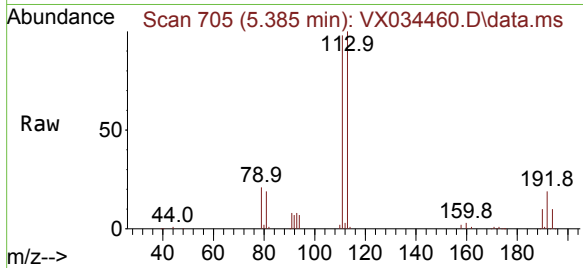




#35
Dibromofluoromethane
Concen: 47.749 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034460.D
Acq: 14 Mar 2023 13:22

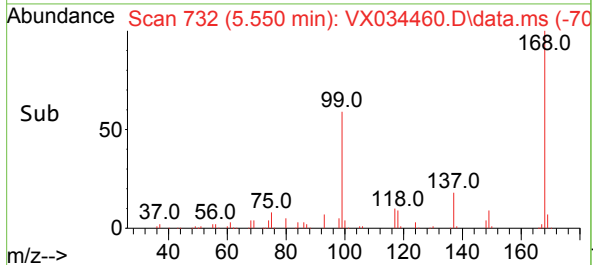
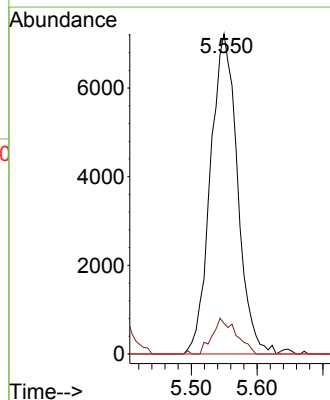
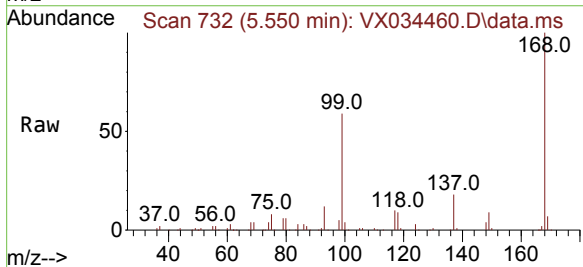
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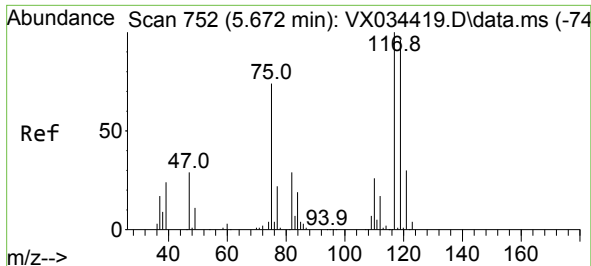
Tgt Ion:113 Resp: 139813
Ion Ratio Lower Upper
113 100
111 100.7 83.7 125.5
192 18.9 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.601 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX034460.D
Acq: 14 Mar 2023 13:22

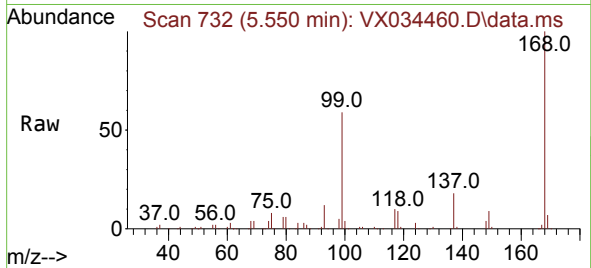
Tgt Ion: 75 Resp: 20690
Ion Ratio Lower Upper
75 100
110 9.8 17.5 52.5#
77 0.0 24.3 36.5#



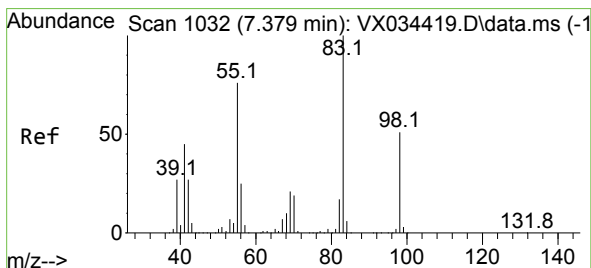
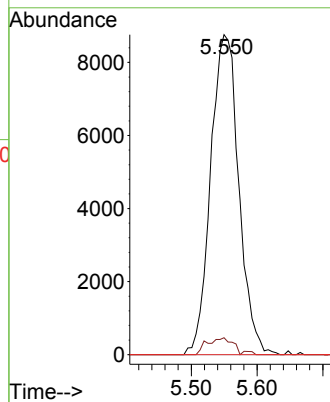
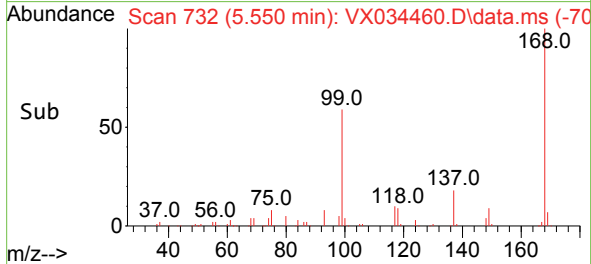


#38
Carbon Tetrachloride
Concen: 5.830 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX034460.D
Acq: 14 Mar 2023 13:22

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20230308DL

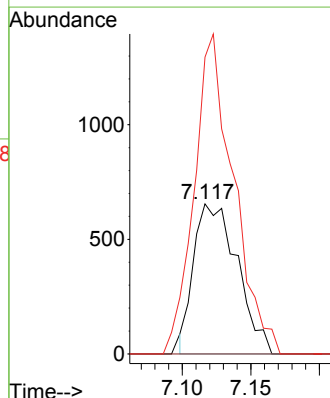
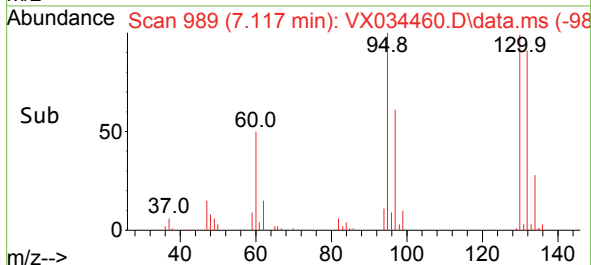
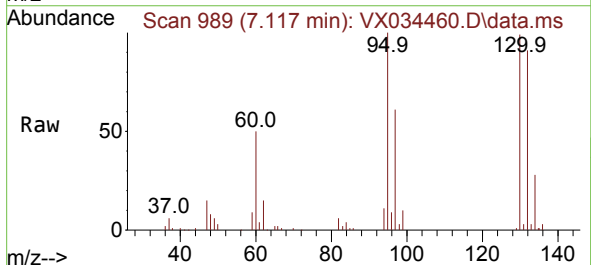


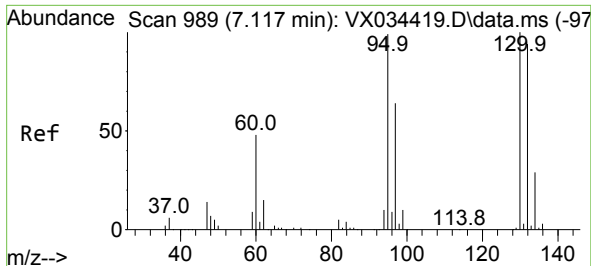
Tgt Ion:117 Resp: 26084
Ion Ratio Lower Upper
117 100
119 5.3 76.6 114.8#
121 0.0 23.8 35.6#



#39
Methylcyclohexane
Concen: 0.267 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.262 min
Lab File: VX034460.D
Acq: 14 Mar 2023 13:22

Tgt Ion: 83 Resp: 1439
Ion Ratio Lower Upper
83 100
55 0.0 60.5 90.7#
98 217.3 40.4 60.6#

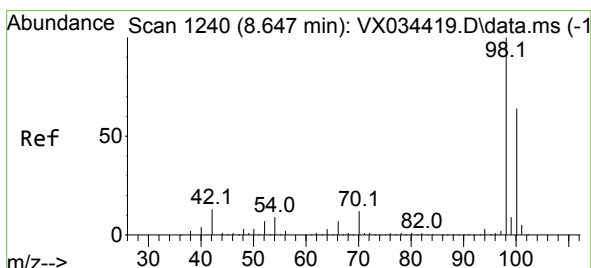
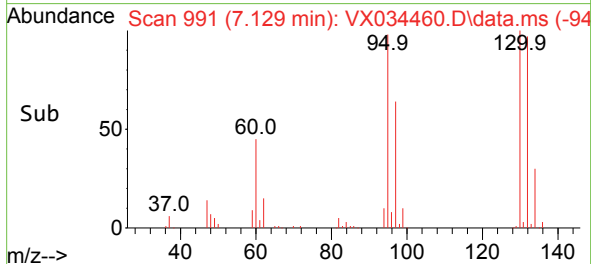
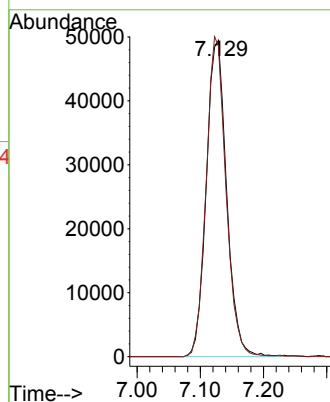
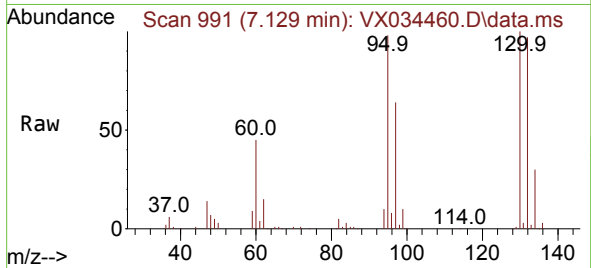




#44
Trichloroethene
Concen: 32.324 ug/l
RT: 7.129 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX034460.D
Acq: 14 Mar 2023 13:22

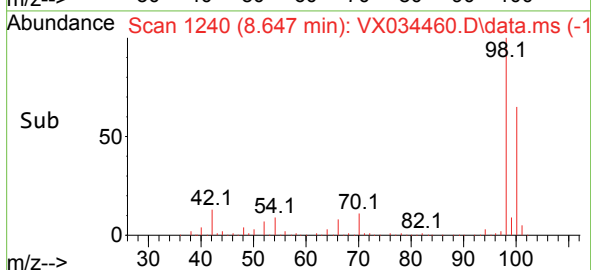
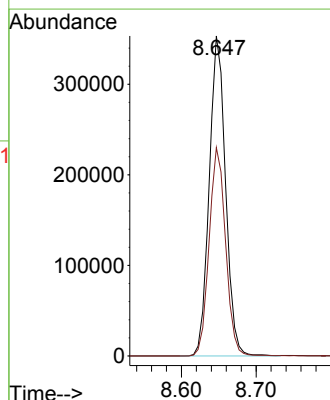
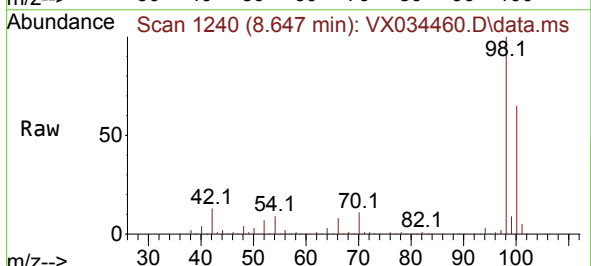
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MSVOA_X
ClientSampleId :
DUP03-20230308DL

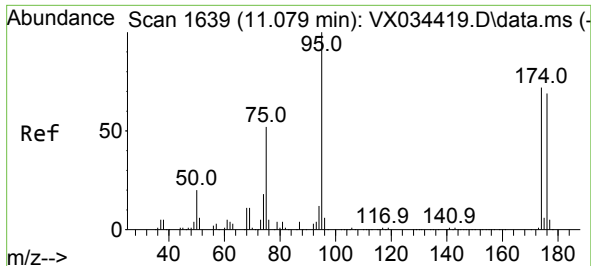
Tgt Ion:130 Resp: 110495
Ion Ratio Lower Upper
130 100
95 98.2 0.0 198.4



#50
Toluene-d8
Concen: 49.097 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034460.D
Acq: 14 Mar 2023 13:22

Tgt Ion: 98 Resp: 536662
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7

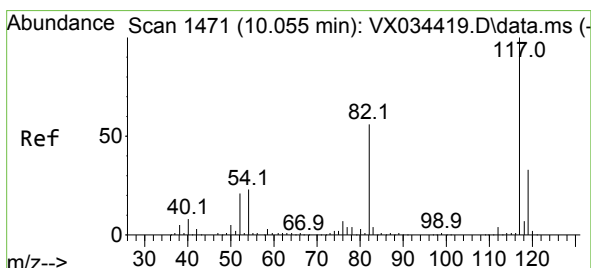
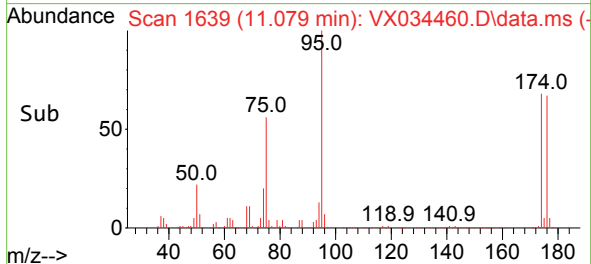
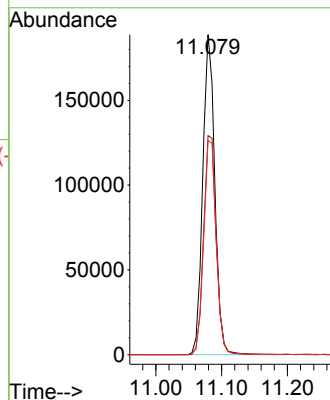
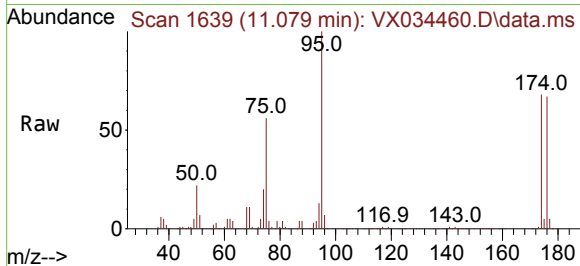




#62
4-Bromofluorobenzene
Concen: 54.519 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034460.D
Acq: 14 Mar 2023 13:22

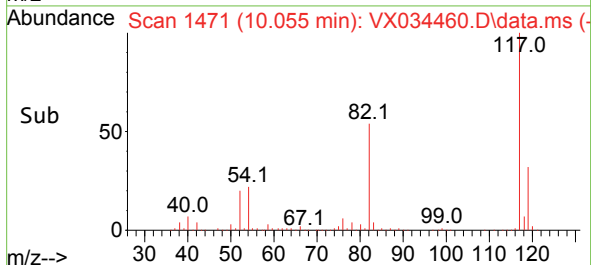
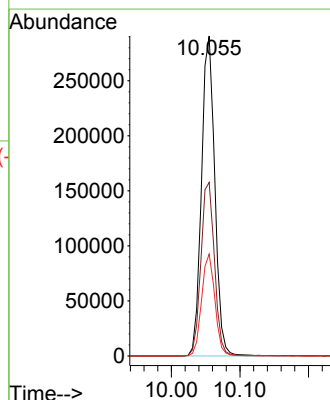
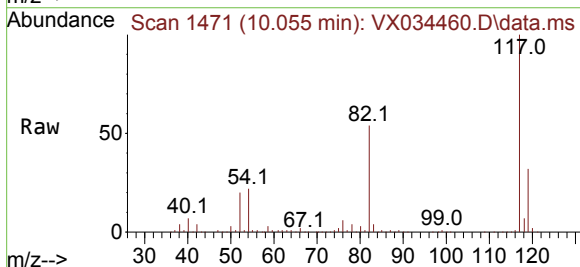
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20230308DL

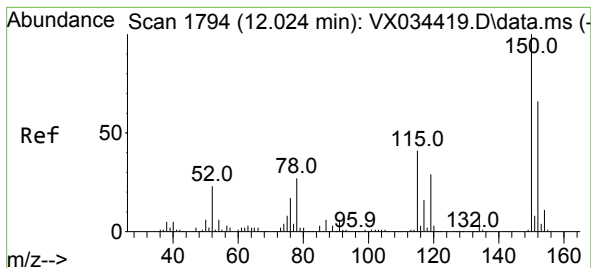
Tgt Ion: 95 Resp: 240708
Ion Ratio Lower Upper
95 100
174 71.4 0.0 147.4
176 69.4 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034460.D
Acq: 14 Mar 2023 13:22

Tgt Ion: 117 Resp: 393933
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 31.8 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034460.D

Acq: 14 Mar 2023 13:22

Instrument :

MSVOA_X

ClientSampleId :

DUP03-20230308DL

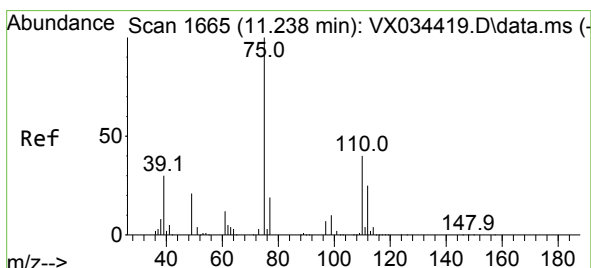
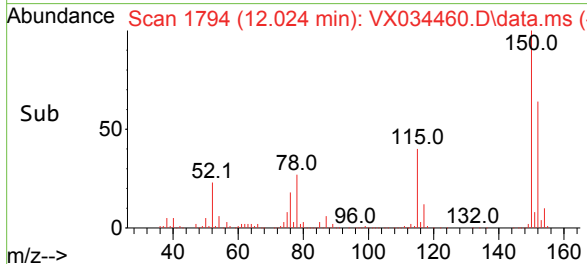
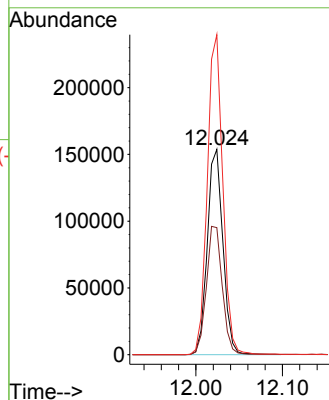
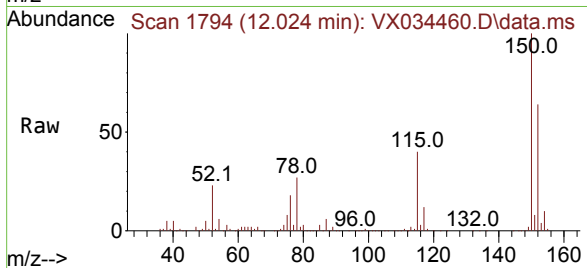
Tgt Ion:152 Resp: 192832

Ion Ratio Lower Upper

152 100

115 63.5 45.0 135.0

150 154.5 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 29.627 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034460.D

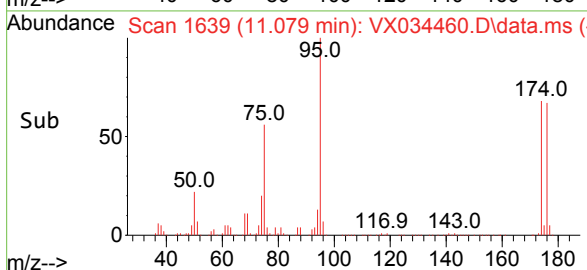
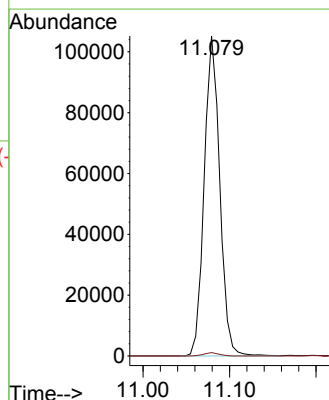
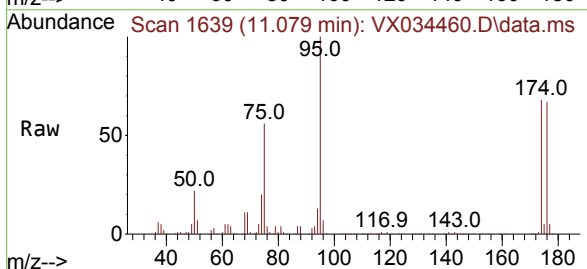
Acq: 14 Mar 2023 13:22

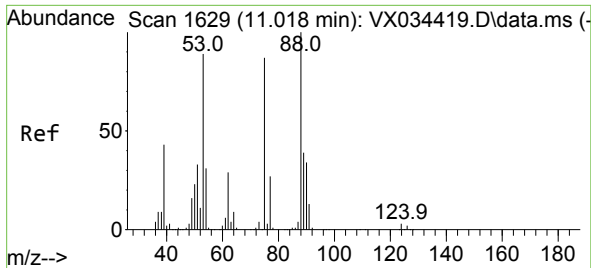
Tgt Ion: 75 Resp: 131178

Ion Ratio Lower Upper

75 100

77 1.0 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.150 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034460.D
 Acq: 14 Mar 2023 13:22

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20230308DL

Tgt Ion: 75 Resp: 131178
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

