

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034463.D
 Acq On : 14 Mar 2023 14:33
 Operator : JC/MD
 Sample : 01879-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20230308

Quant Time: Mar 15 06:41:08 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

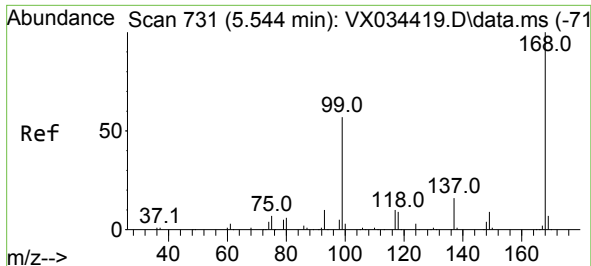
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	246395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	422248	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	382896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	164600	45.919	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.840%
35) Dibromofluoromethane	5.385	113	133132	47.754	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.500%
50) Toluene-d8	8.647	98	512672	49.261	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.520%
62) 4-Bromofluorobenzene	11.079	95	196709	46.793	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.580%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	105	Below Cal	#	42
9) 1,1,2-Trichlorotrifluo...	2.325	101	559	0.204	ug/l #	73
11) Tert butyl alcohol	2.953	59	747	1.001	ug/l #	73
16) Acetone	2.374	43	1216	0.720	ug/l #	81
31) Cyclohexane	5.556	56	5691	1.132	ug/l #	6
36) 1,1-Dichloropropene	5.556	75	19221	4.489	ug/l #	50
38) Carbon Tetrachloride	5.550	117	24714	5.802	ug/l #	15
44) Trichloroethene	7.129	130	54097	16.621	ug/l	97
49) 1,4-Dioxane	7.684	88	605	7.557	ug/l #	72
51) 4-Methyl-2-Pentanone	8.641	43	2700	0.587	ug/l #	1
60) Dibromochloromethane	9.275	129	3257	1.009	ug/l #	10
64) Tetrachloroethene	9.275	164	3542	1.377	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	100473	25.323	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	100473	68.507	ug/l #	8

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

Quant Time: Mar 15 06:41:08 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

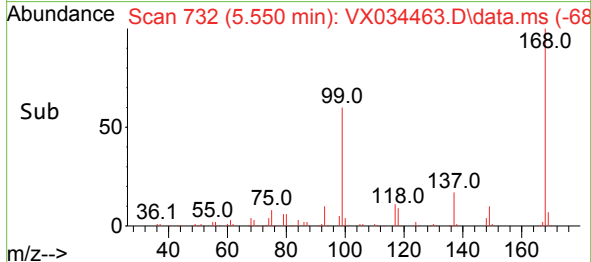
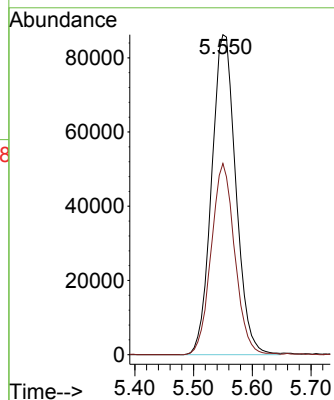
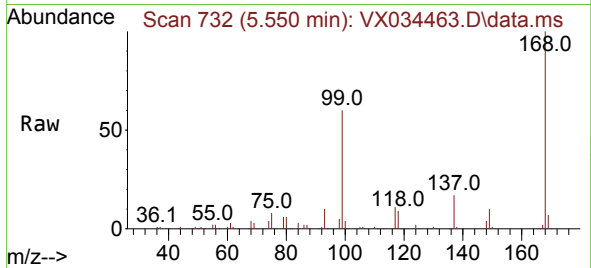




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034463.D
Acq: 14 Mar 2023 14:33

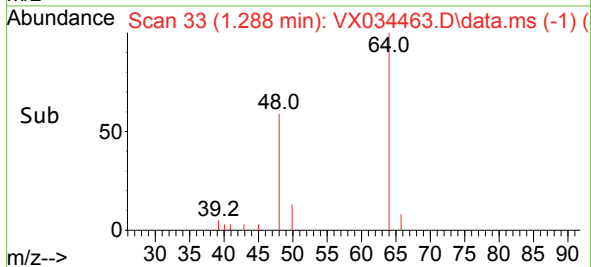
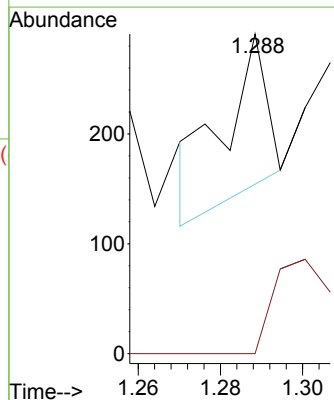
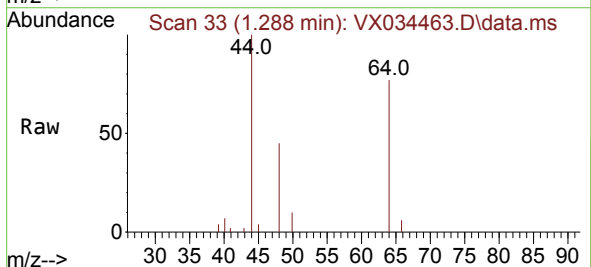
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20230308

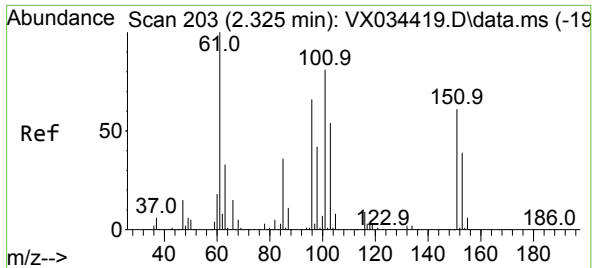
Tgt Ion:168 Resp: 246395
Ion Ratio Lower Upper
168 100
99 59.8 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.013 min
Lab File: VX034463.D
Acq: 14 Mar 2023 14:33

Tgt Ion: 50 Resp: 105
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

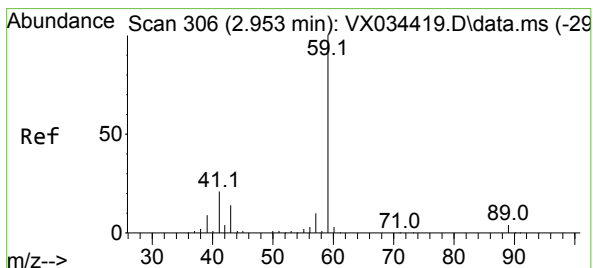
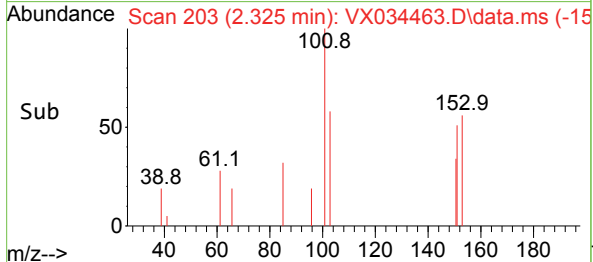
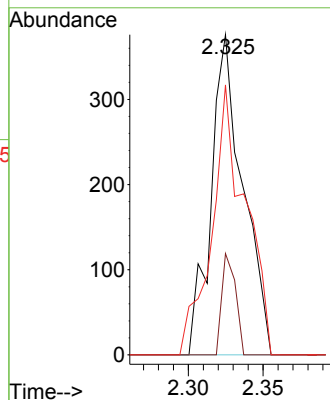
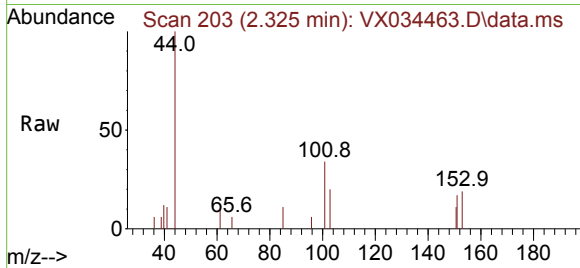




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.204 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX034463.D
Acq: 14 Mar 2023 14:33

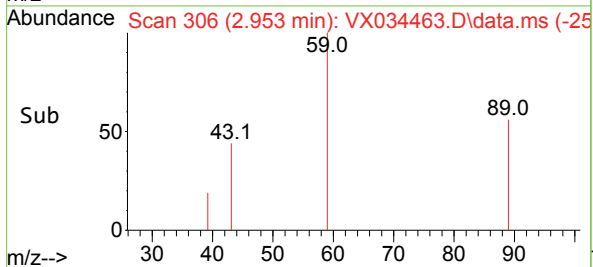
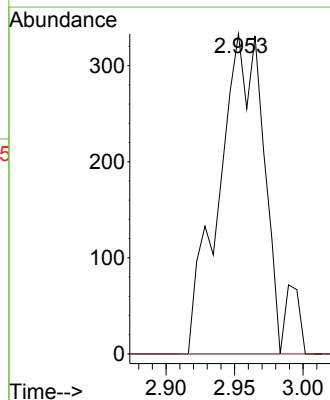
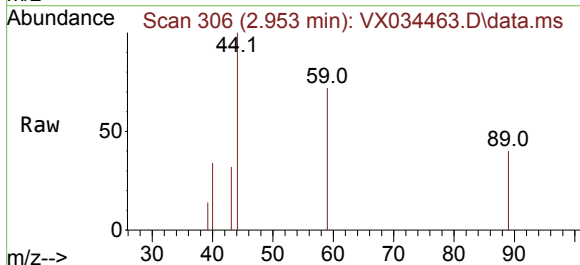
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20230308

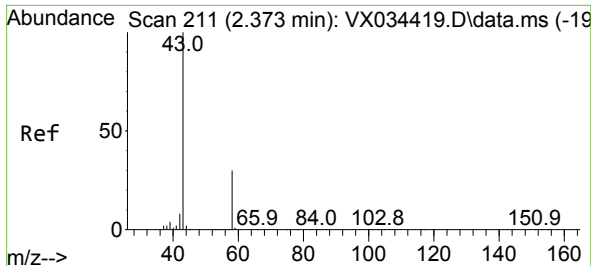
Tgt Ion:101 Resp: 559
Ion Ratio Lower Upper
101 100
85 13.6 35.4 53.2#
151 88.2 60.2 90.4



#11
Tert butyl alcohol
Concen: 1.001 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX034463.D
Acq: 14 Mar 2023 14:33

Tgt Ion: 59 Resp: 747
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

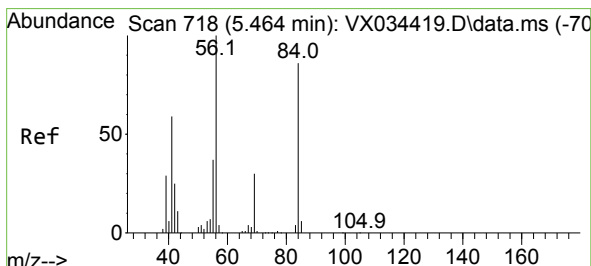
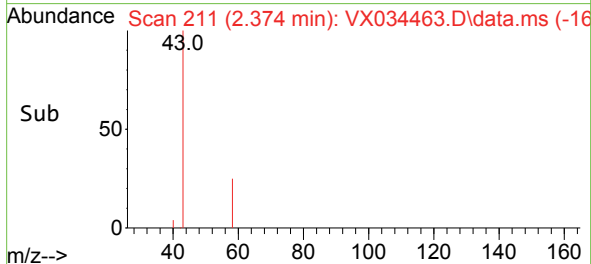
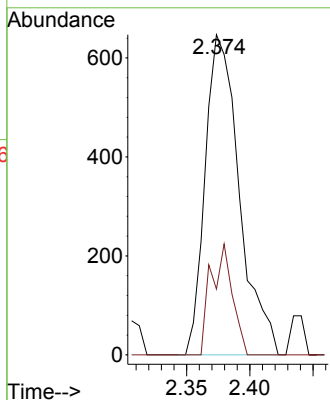
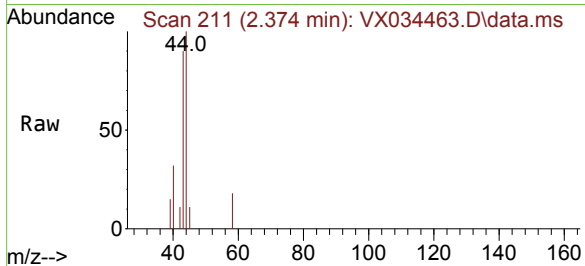




#16
Acetone
Concen: 0.720 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034463.D
Acq: 14 Mar 2023 14:33

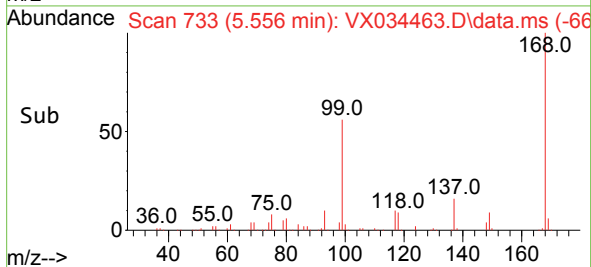
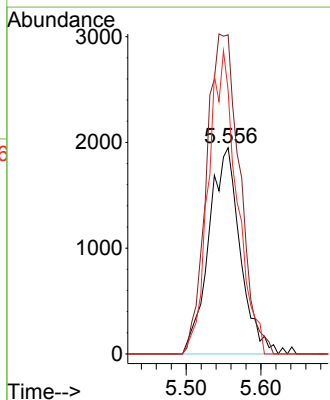
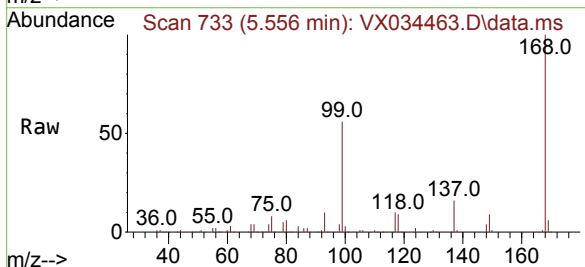
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20230308

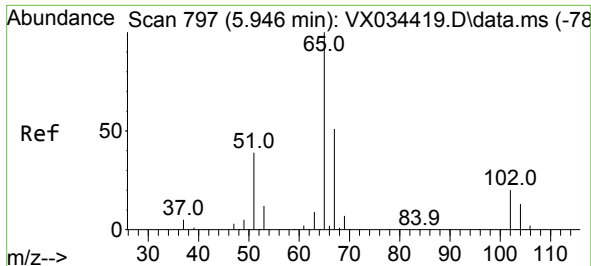
Tgt Ion: 43 Resp: 1216
Ion Ratio Lower Upper
43 100
58 20.6 24.7 37.1#



#31
Cyclohexane
Concen: 1.132 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.092 min
Lab File: VX034463.D
Acq: 14 Mar 2023 14:33

Tgt Ion: 56 Resp: 5691
Ion Ratio Lower Upper
56 100
69 154.8 23.7 35.5#
84 127.7 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 45.919 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX034463.D

Acq: 14 Mar 2023 14:33

Instrument :

MSVOA_X

ClientSampleId :

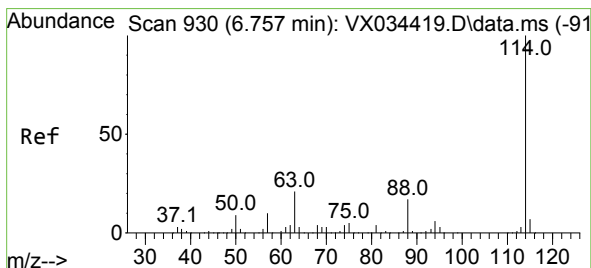
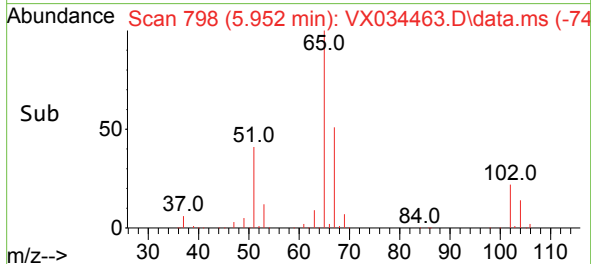
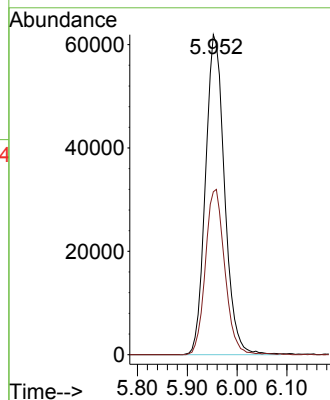
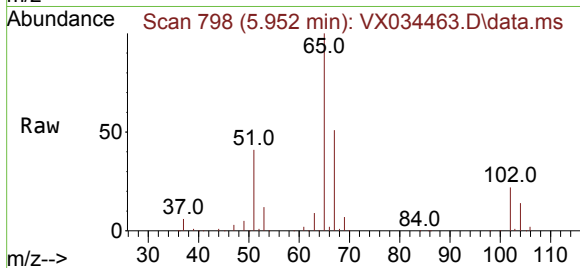
DUP01-20230308

Tgt Ion: 65 Resp: 164600

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# 931

Delta R.T. 0.006 min

Lab File: VX034463.D

Acq: 14 Mar 2023 14:33

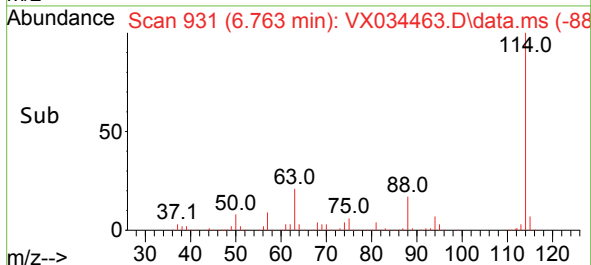
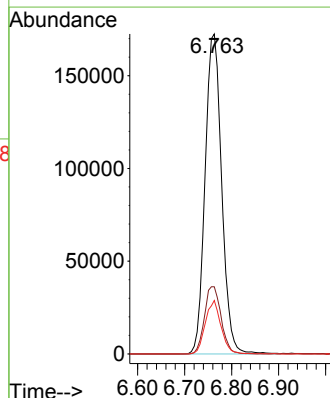
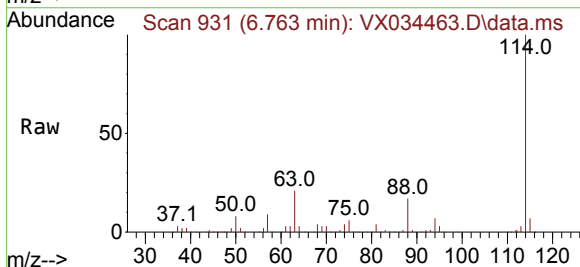
Tgt Ion: 114 Resp: 422248

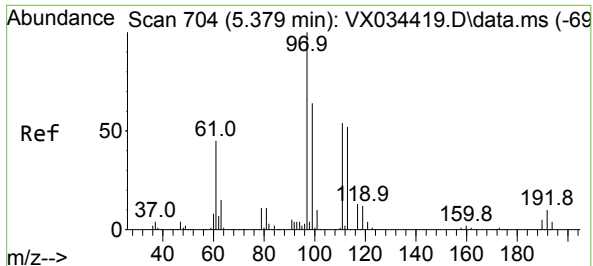
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.2

88 16.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.754 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034463.D

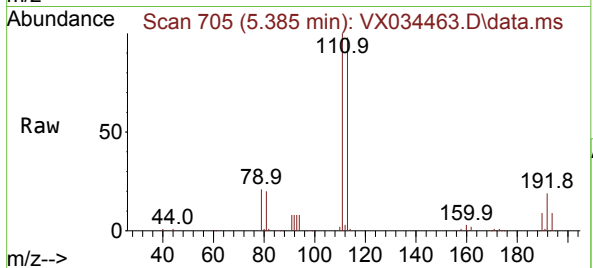
Acq: 14 Mar 2023 14:33

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20230308



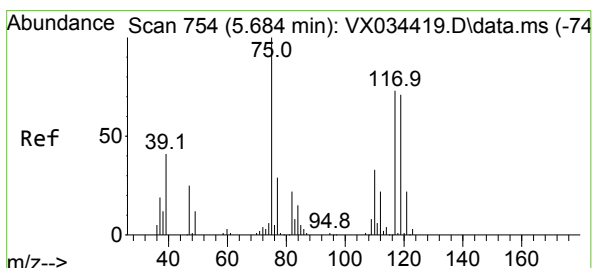
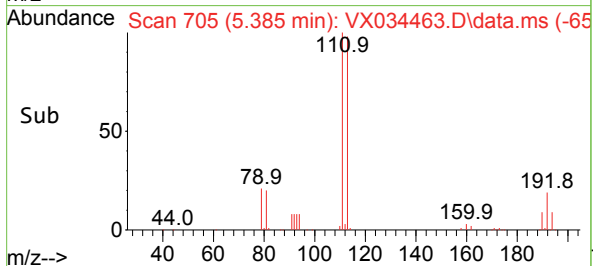
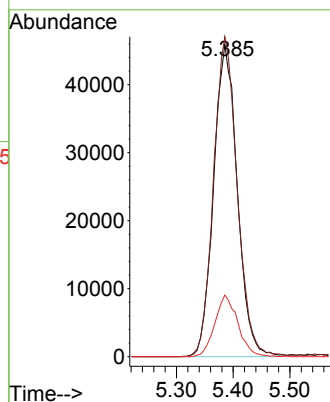
Tgt Ion:113 Resp: 133132

Ion Ratio Lower Upper

113 100

111 102.4 83.7 125.5

192 19.2 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.489 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX034463.D

Acq: 14 Mar 2023 14:33

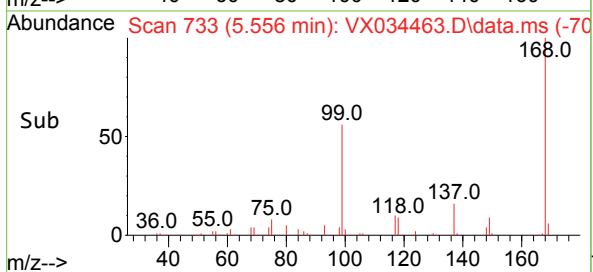
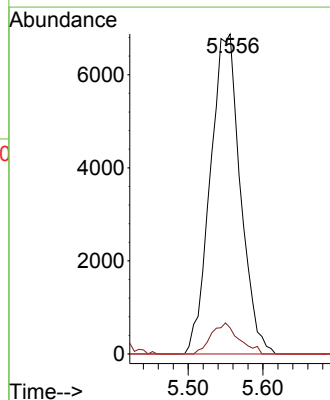
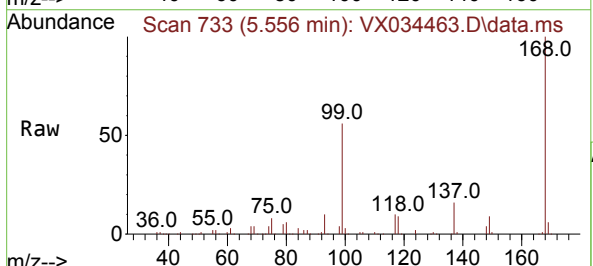
Tgt Ion: 75 Resp: 19221

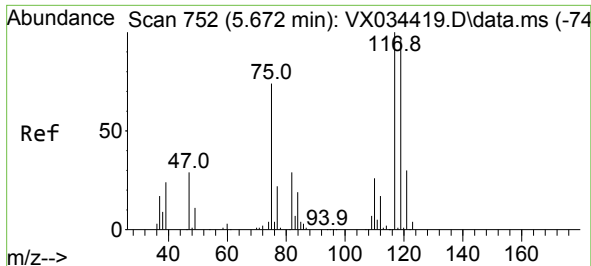
Ion Ratio Lower Upper

75 100

110 8.9 17.5 52.5#

77 0.0 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 5.802 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.122 min

Lab File: VX034463.D

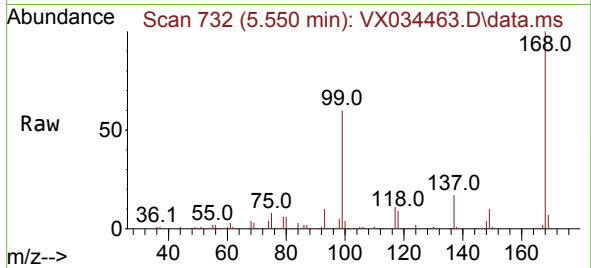
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Instrument :

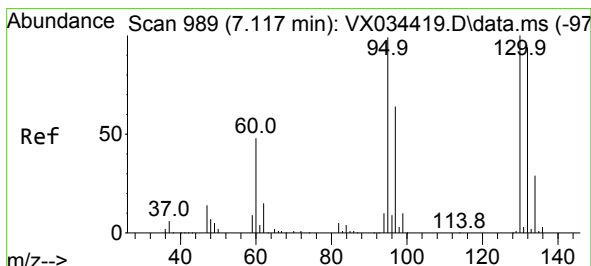
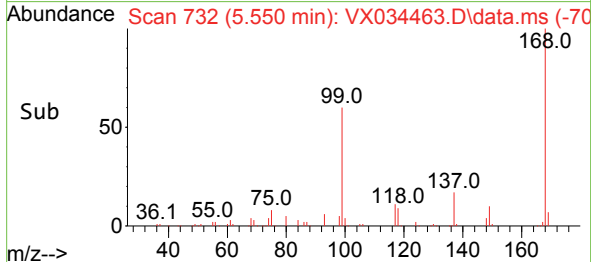
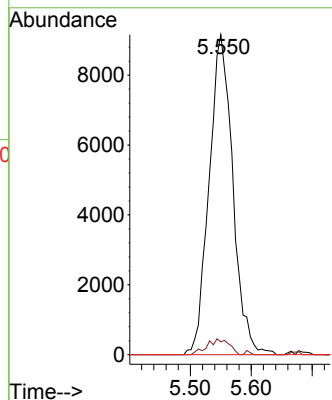
MSVOA_X

ClientSampleId :

DUP01-20230308



Tgt Ion:	117	Resp:	24714
Ion	Ratio	Lower	Upper
117	100		
119	4.0	76.6	114.8#
121	0.0	23.8	35.6#



#44

Trichloroethene

Concen: 16.621 ug/l

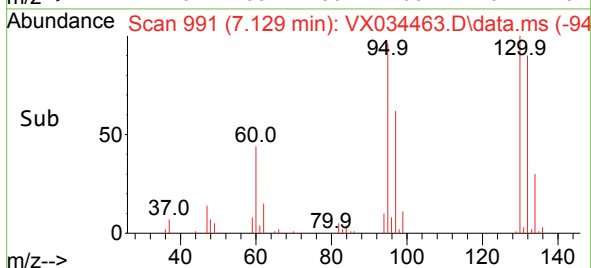
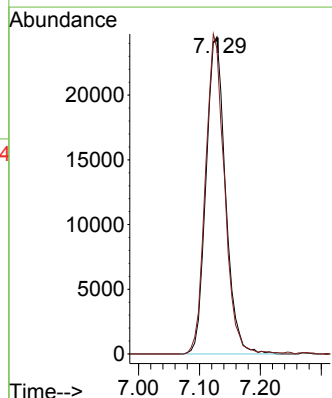
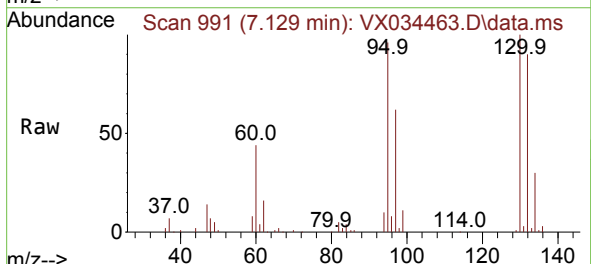
RT: 7.129 min Scan# 991

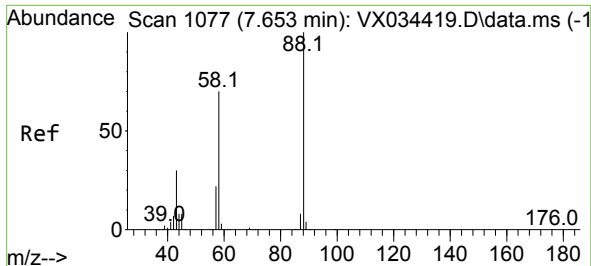
Delta R.T. 0.012 min

Lab File: VX034463.D

Acq: 14 Mar 2023 14:33

Tgt Ion:	130	Resp:	54097
Ion	Ratio	Lower	Upper
130	100		
95	96.2	0.0	198.4

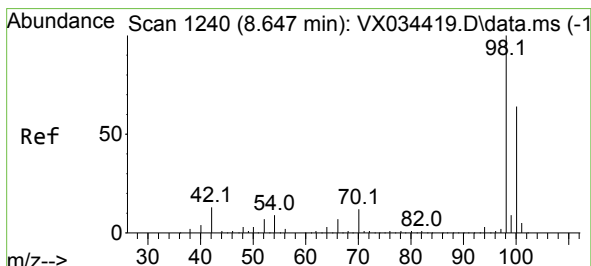
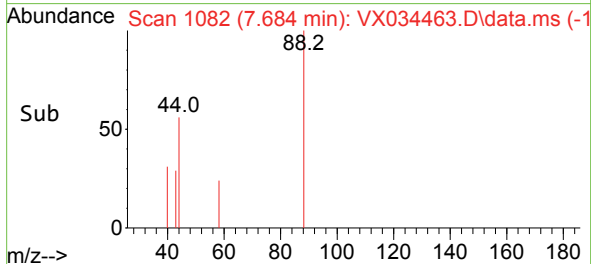
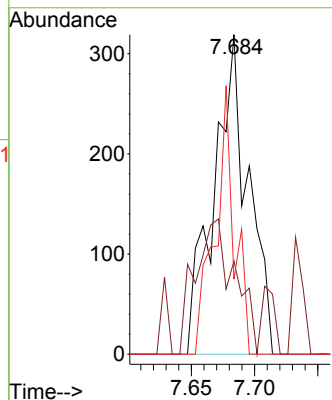
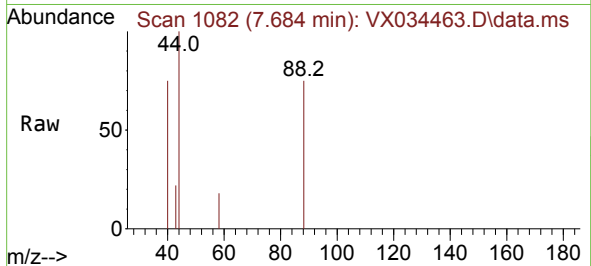




#49
1,4-Dioxane
Concen: 7.557 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.031 min
Lab File: VX034463.D
Acq: 14 Mar 2023 14:33

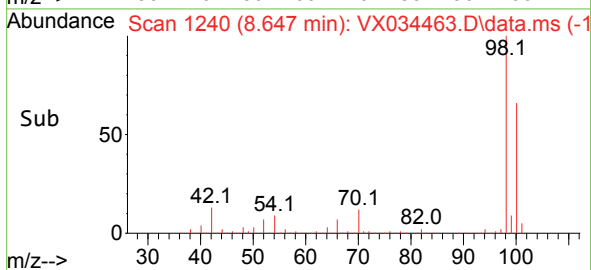
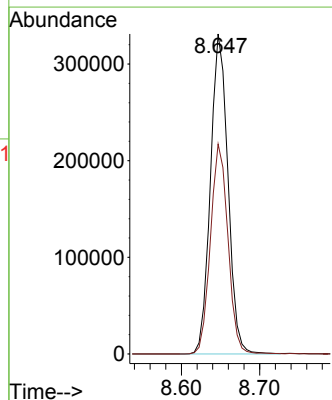
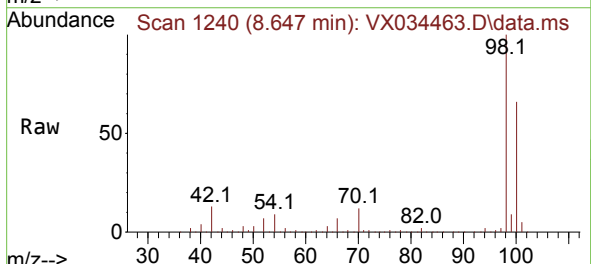
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20230308

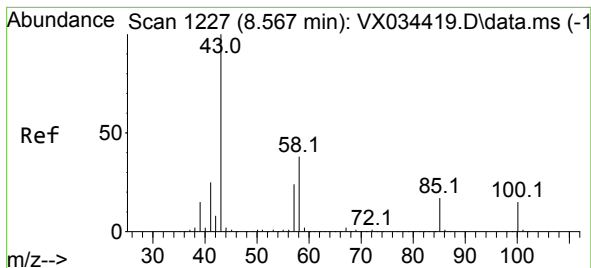
Tgt Ion: 88 Resp: 605
Ion Ratio Lower Upper
88 100
43 48.8 27.7 41.5#
58 46.6 56.8 85.2#



#50
Toluene-d8
Concen: 49.261 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034463.D
Acq: 14 Mar 2023 14:33

Tgt Ion: 98 Resp: 512672
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7

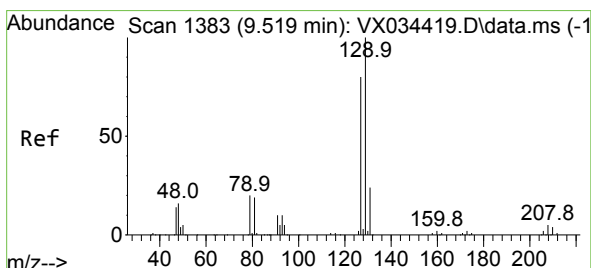
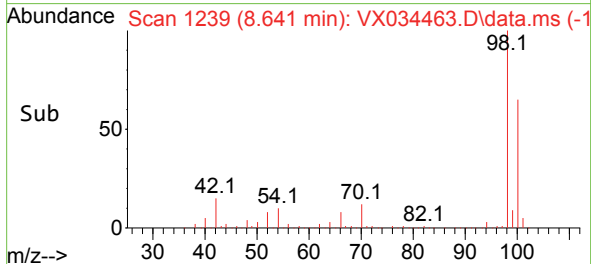
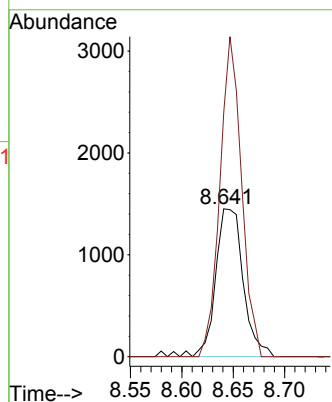
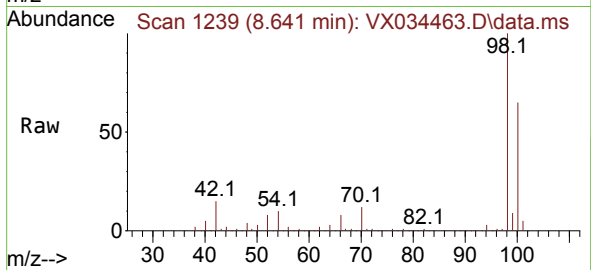




#51
4-Methyl-2-Pentanone
Concen: 0.587 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX034463.D
Acq: 14 Mar 2023 14:33

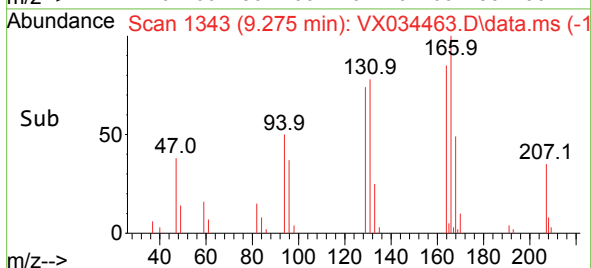
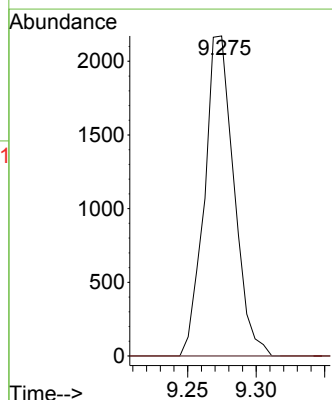
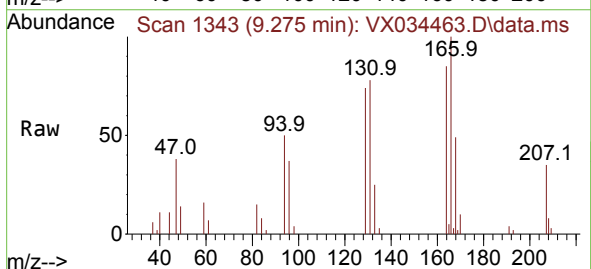
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20230308

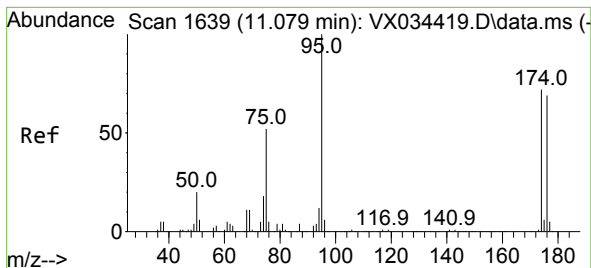
Tgt Ion: 43 Resp: 2700
Ion Ratio Lower Upper
43 100
58 169.9 30.6 46.0#



#60
Dibromochloromethane
Concen: 1.009 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX034463.D
Acq: 14 Mar 2023 14:33

Tgt Ion: 129 Resp: 3257
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#

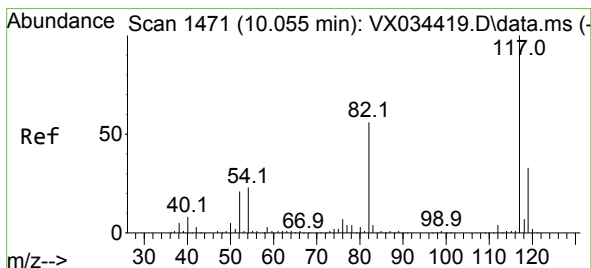
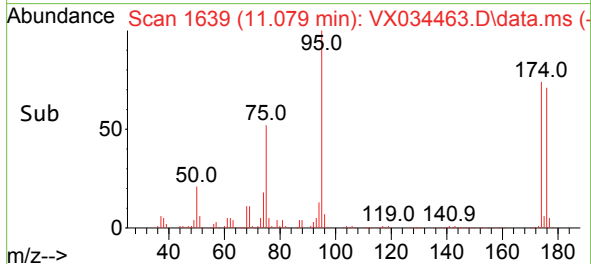
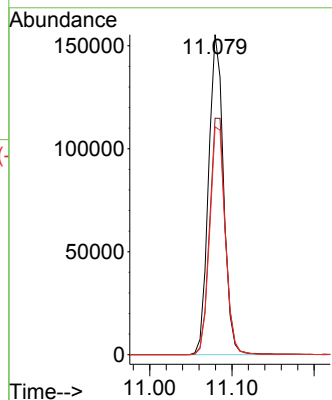
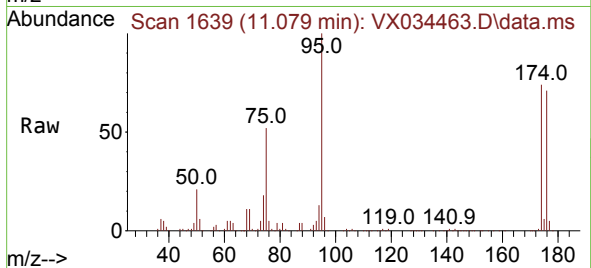




#62
4-Bromofluorobenzene
Concen: 46.793 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034463.D
Acq: 14 Mar 2023 14:33

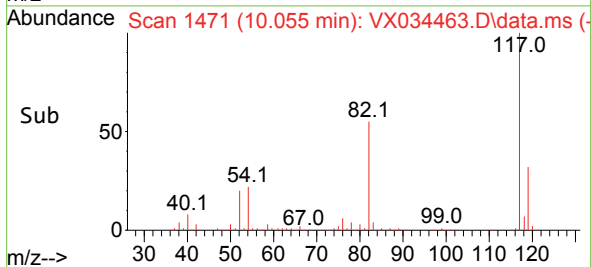
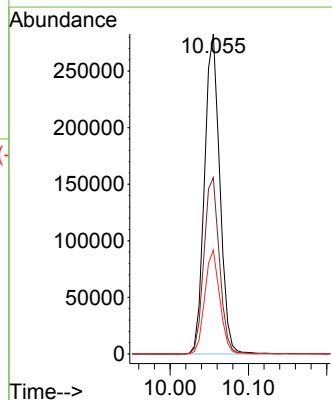
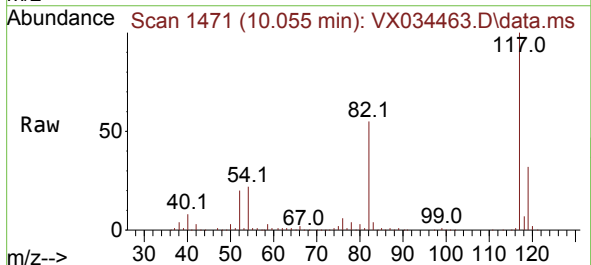
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20230308

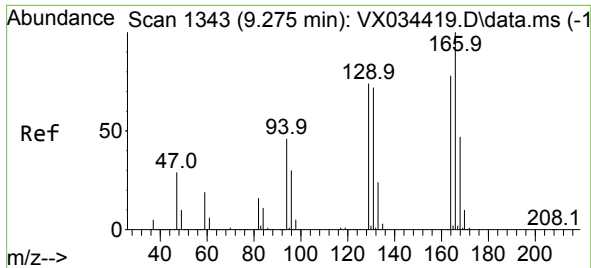
Tgt Ion: 95 Resp: 196709
Ion Ratio Lower Upper
95 100
174 77.4 0.0 147.4
176 74.0 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034463.D
Acq: 14 Mar 2023 14:33

Tgt Ion: 117 Resp: 382896
Ion Ratio Lower Upper
117 100
82 55.1 45.0 67.4
119 32.5 26.0 39.0

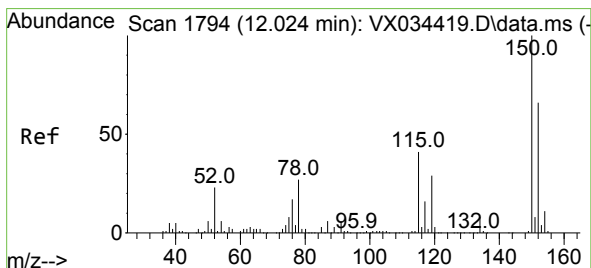
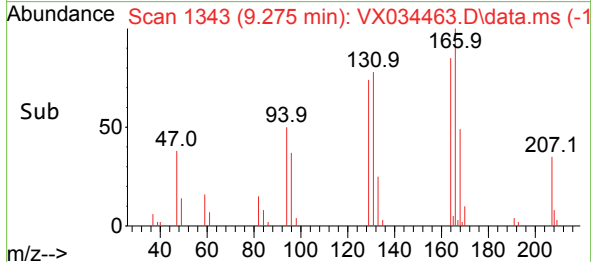
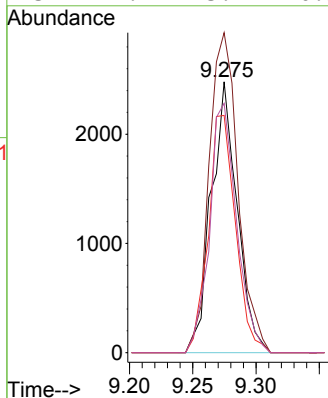
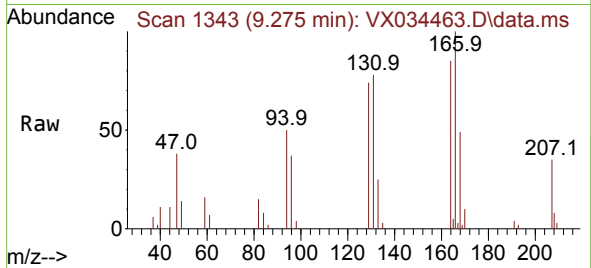




#64
Tetrachloroethene
Concen: 1.377 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034463.D
Acq: 14 Mar 2023 14:33

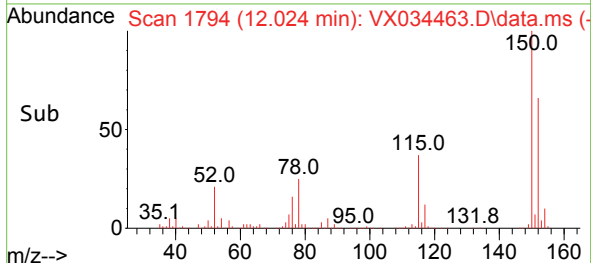
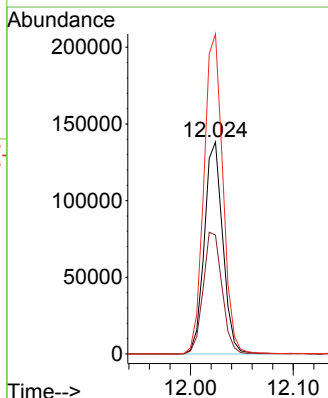
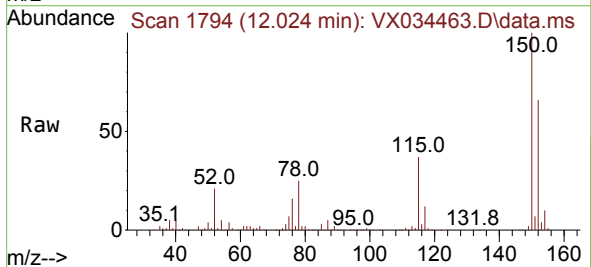
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20230308

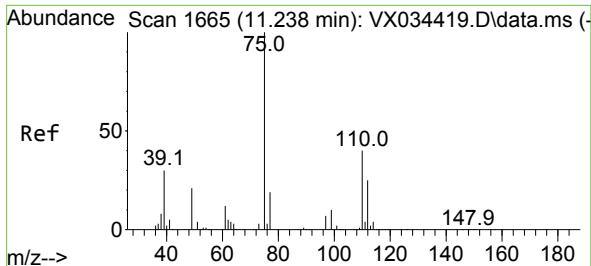
Tgt Ion:164 Resp: 3542
Ion Ratio Lower Upper
164 100
166 118.1 102.7 154.1
129 87.6 75.6 113.4
131 92.1 73.7 110.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034463.D
Acq: 14 Mar 2023 14:33

Tgt Ion:152 Resp: 172796
Ion Ratio Lower Upper
152 100
115 59.2 45.0 135.0
150 154.9 0.0 352.4

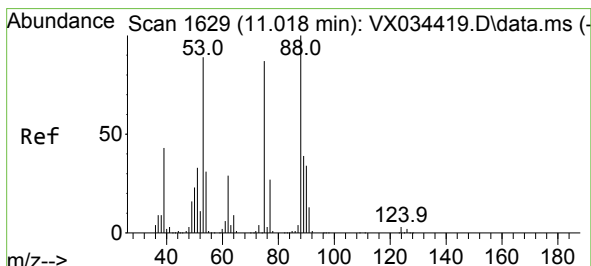
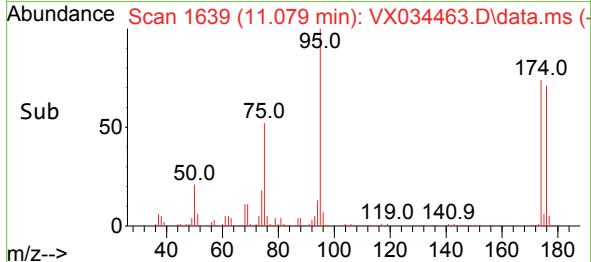
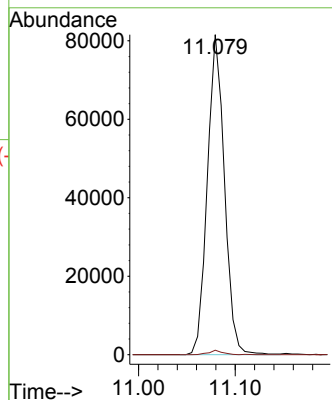
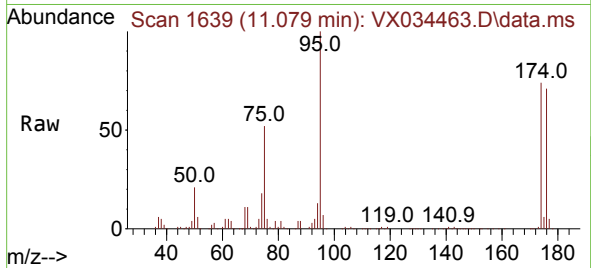




#76
1,2,3-Trichloropropane
Concen: 25.323 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034463.D
Acq: 14 Mar 2023 14:33

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20230308

Tgt Ion: 75 Resp: 100473
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.507 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034463.D
Acq: 14 Mar 2023 14:33

Tgt Ion: 75 Resp: 100473
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

