

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030823\
 Data File : VX034385.D
 Acq On : 08 Mar 2023 15:55
 Operator : JC/MD
 Sample : 01843-02 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20230306

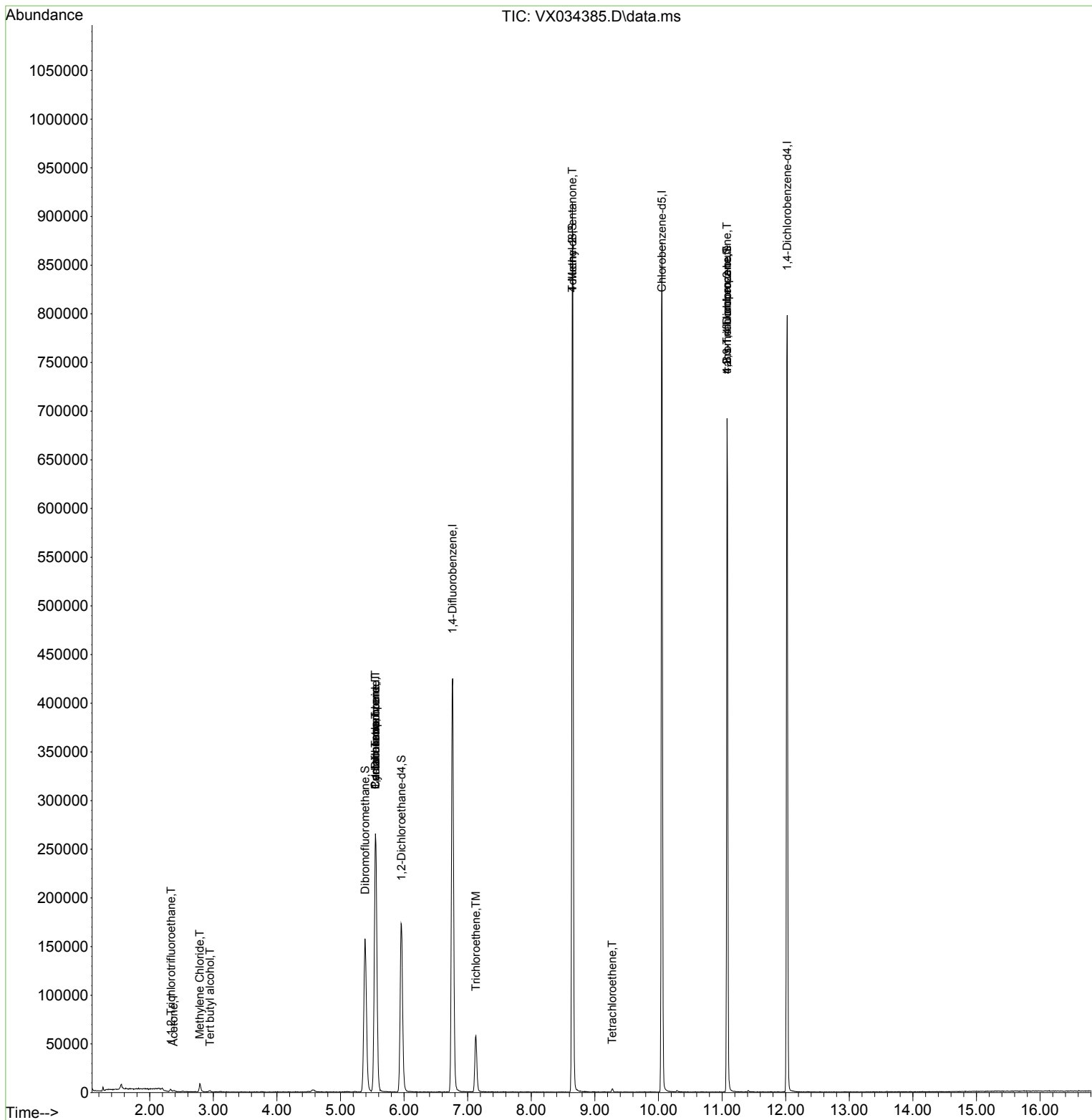
Quant Time: Mar 09 04:00:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

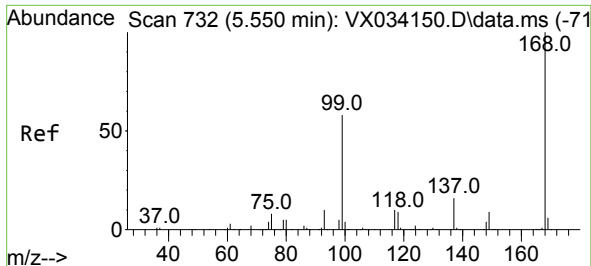
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	258751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	437796	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	390563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	166572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	163259	46.849	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.700%
35) Dibromofluoromethane	5.385	113	136697	47.956	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.920%
50) Toluene-d8	8.647	98	530706	51.856	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.720%
62) 4-Bromofluorobenzene	11.079	95	180770	46.178	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.360%
Target Compounds			Qvalue			
5) Bromomethane	1.611	94	140	Below Cal		93
9) 1,1,2-Trichlorotrifluo...	2.337	101	745	0.267 ug/l		95
11) Tert butyl alcohol	2.947	59	733	0.940 ug/l #		86
16) Acetone	2.373	43	1261	0.701 ug/l		98
20) Methylene Chloride	2.788	84	3682	1.137 ug/l		94
31) Cyclohexane	5.550	56	5576	1.072 ug/l #		8
36) 1,1-Dichloropropene	5.550	75	19499	4.625 ug/l #		48
38) Carbon Tetrachloride	5.550	117	24959	5.754 ug/l #		16
44) Trichloroethene	7.129	130	23182	7.231 ug/l		97
51) 4-Methyl-2-Pentanone	8.647	43	2705	0.591 ug/l #		1
64) Tetrachloroethene	9.275	164	621	0.225 ug/l #		75
76) 1,2,3-Trichloropropane	11.079	75	91853	21.915 ug/l #		34
81) trans-1,4-Dichloro-2-b...	11.079	75	91853	56.297 ug/l #		8

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

Quant Time: Mar 09 04:00:08 2023
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Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration

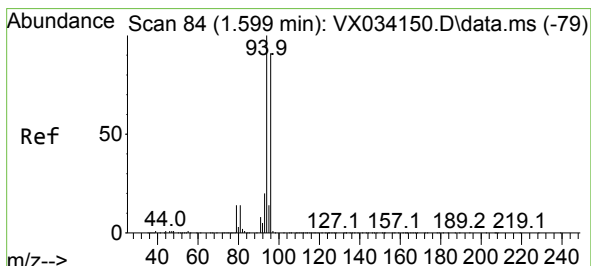
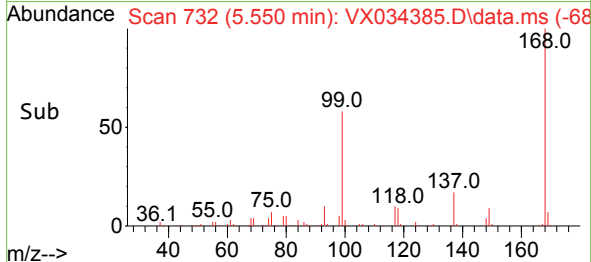
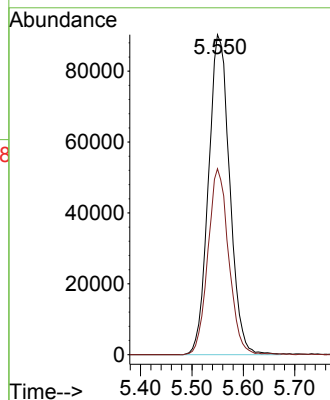
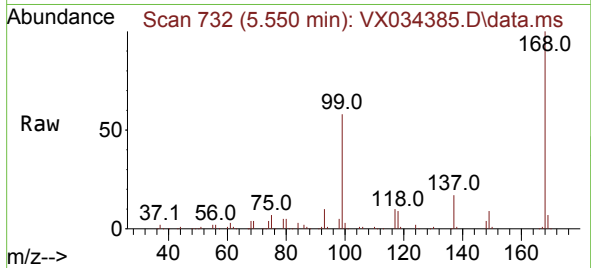




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034385.D
Acq: 08 Mar 2023 15:55

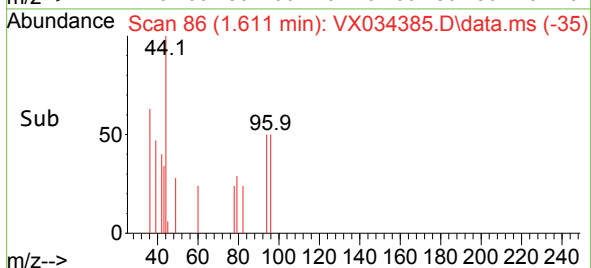
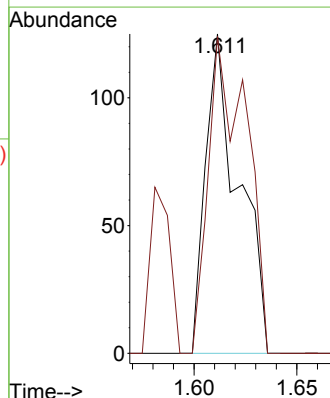
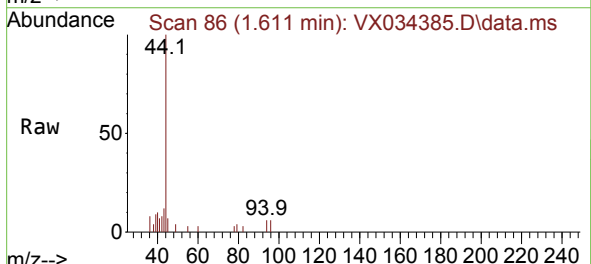
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20230306

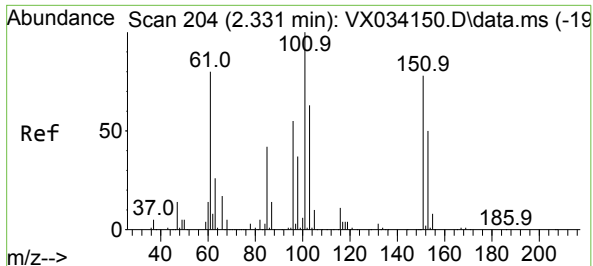
Tgt Ion:168 Resp: 258751
Ion Ratio Lower Upper
168 100
99 58.1 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX034385.D
Acq: 08 Mar 2023 15:55

Tgt Ion: 94 Resp: 140
Ion Ratio Lower Upper
94 100
96 99.2 74.3 111.5

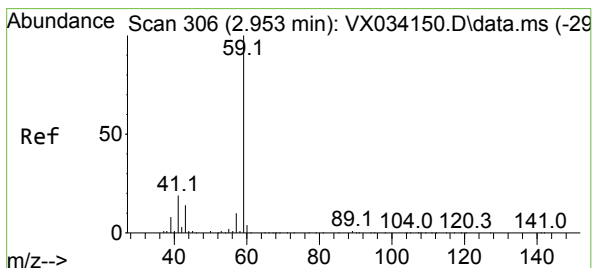
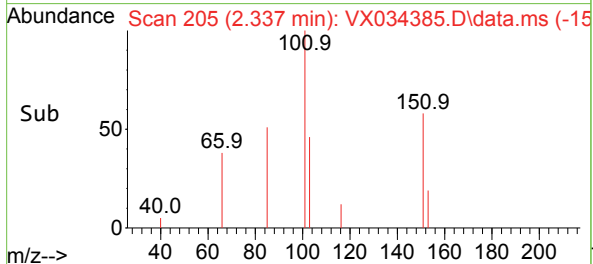
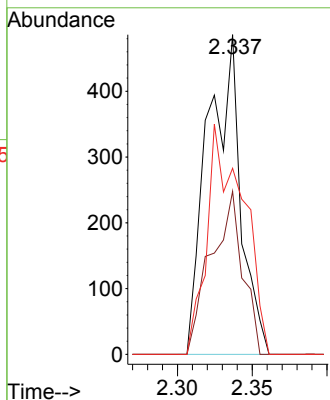
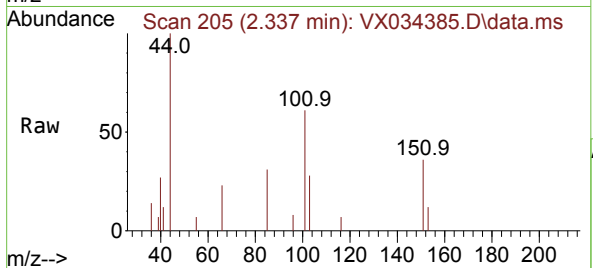




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.267 ug/l
RT: 2.337 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX034385.D
Acq: 08 Mar 2023 15:55

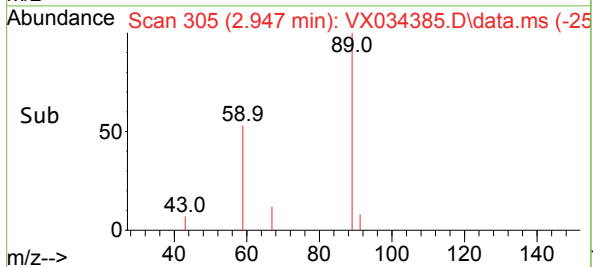
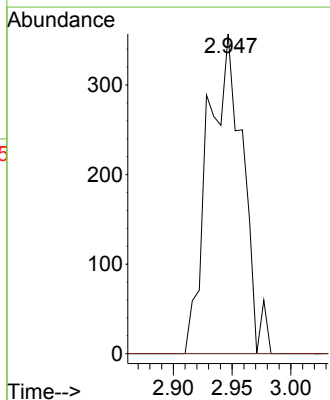
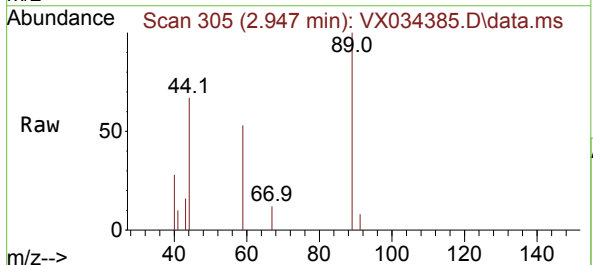
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20230306

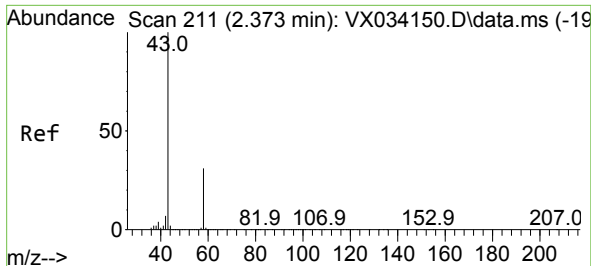
Tgt Ion:101 Resp: 745
Ion Ratio Lower Upper
101 100
85 49.1 36.7 55.1
151 79.2 66.5 99.7



#11
Tert butyl alcohol
Concen: 0.940 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX034385.D
Acq: 08 Mar 2023 15:55

Tgt Ion: 59 Resp: 733
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

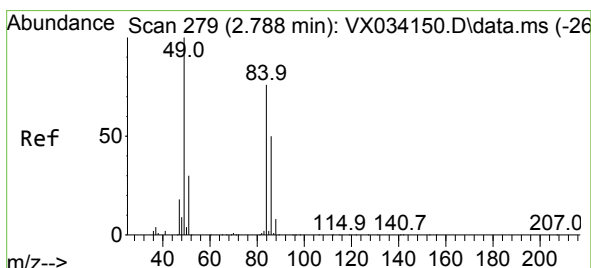
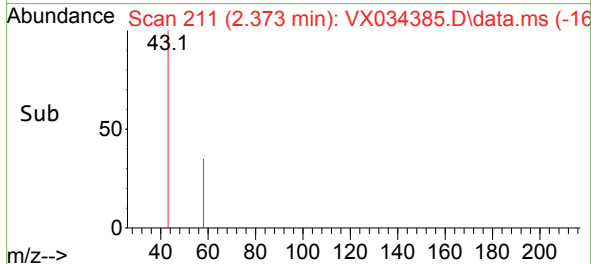
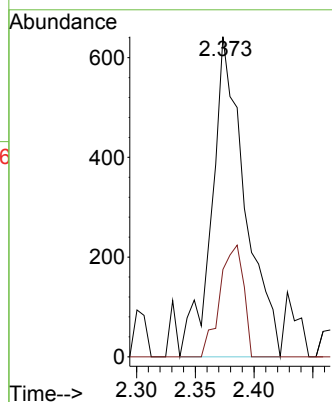
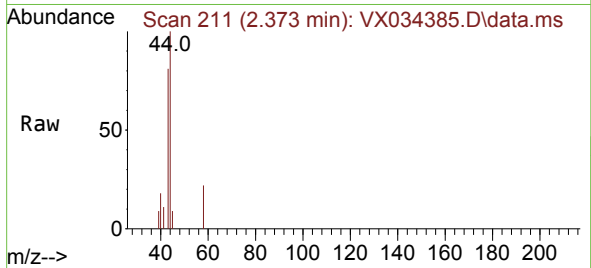




#16
Acetone
Concen: 0.701 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034385.D
Acq: 08 Mar 2023 15:55

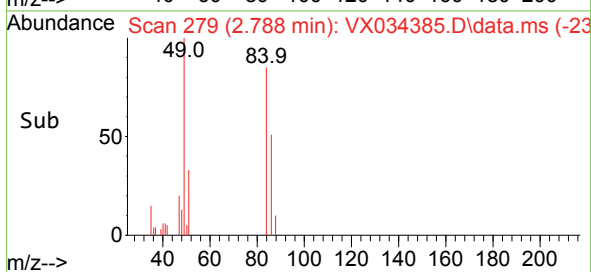
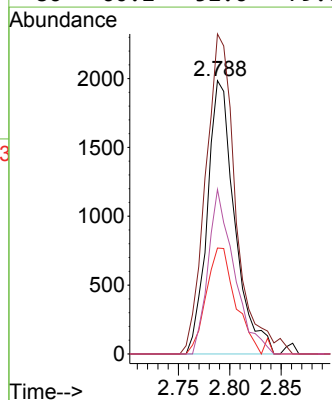
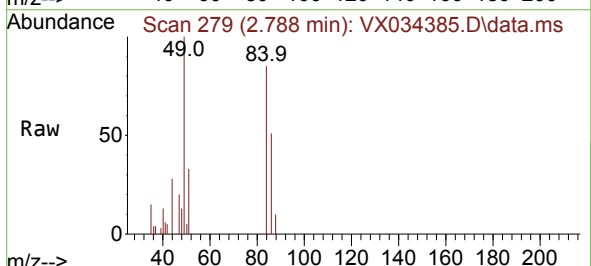
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20230306

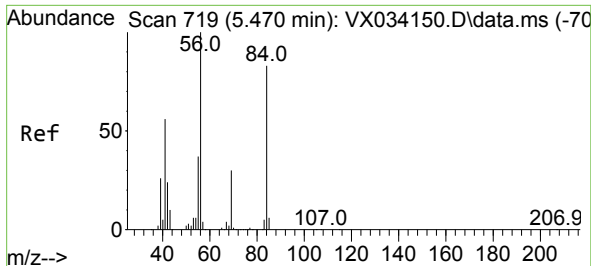
Tgt Ion: 43 Resp: 1261
Ion Ratio Lower Upper
43 100
58 27.3 22.6 33.8



#20
Methylene Chloride
Concen: 1.137 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034385.D
Acq: 08 Mar 2023 15:55

Tgt Ion: 84 Resp: 3682
Ion Ratio Lower Upper
84 100
49 117.1 101.1 151.7
51 38.7 31.0 46.6
86 60.2 52.6 79.0

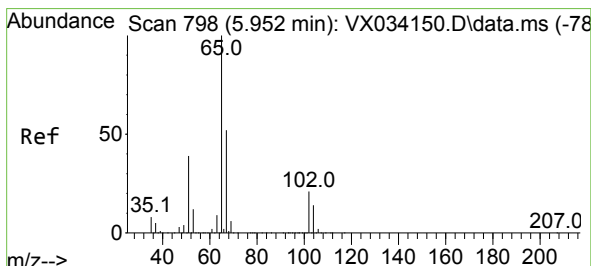
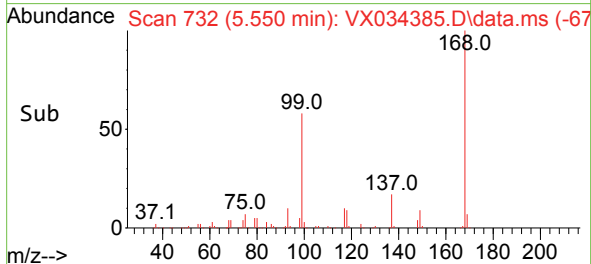
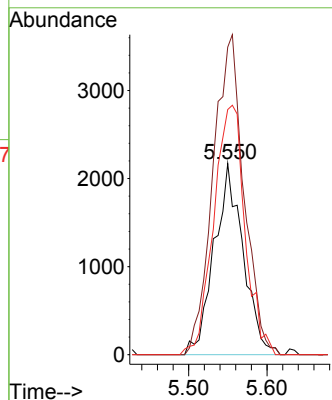
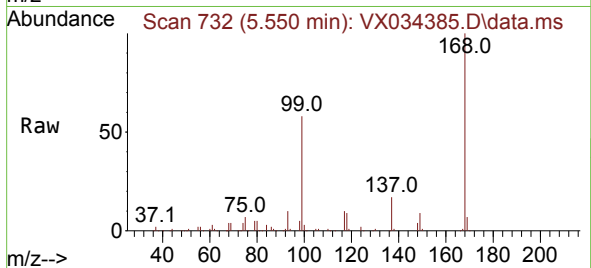




#31
Cyclohexane
Concen: 1.072 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX034385.D
Acq: 08 Mar 2023 15:55

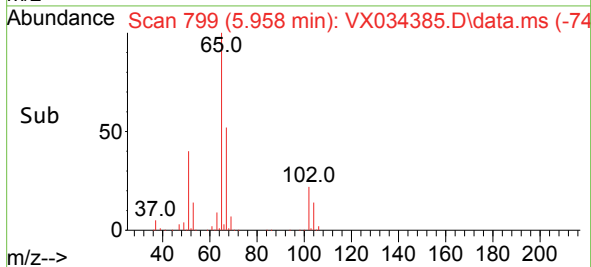
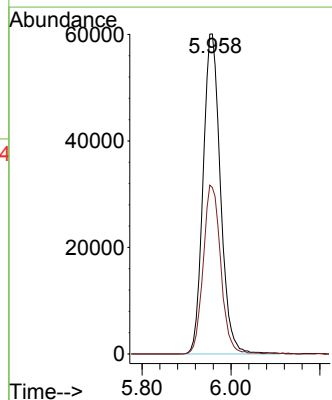
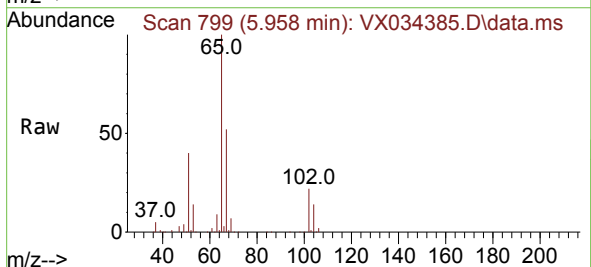
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20230306

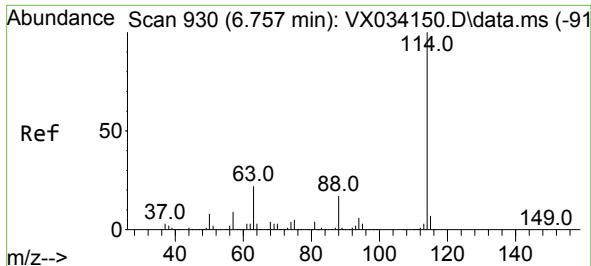
Tgt Ion: 56 Resp: 5576
Ion Ratio Lower Upper
56 100
69 160.8 24.6 37.0#
84 128.2 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 46.849 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX034385.D
Acq: 08 Mar 2023 15:55

Tgt Ion: 65 Resp: 163259
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX034385.D

Acq: 08 Mar 2023 15:55

Instrument :

MSVOA_X

ClientSampleId :

DUP04-20230306

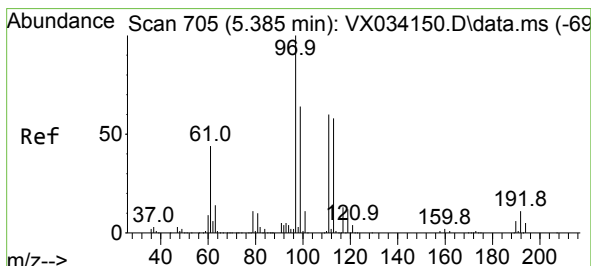
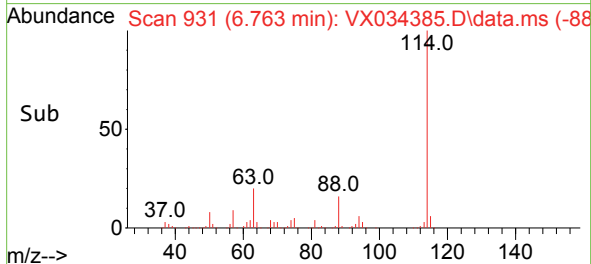
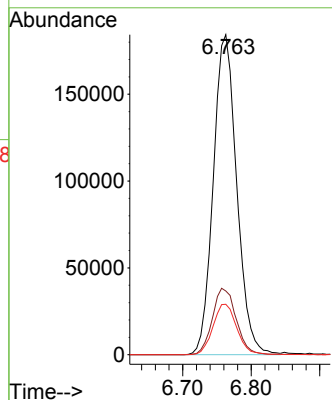
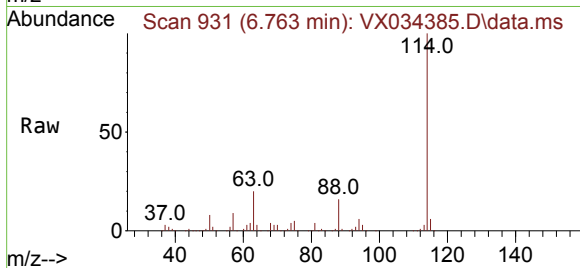
Tgt Ion:114 Resp: 437796

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.956 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX034385.D

Acq: 08 Mar 2023 15:55

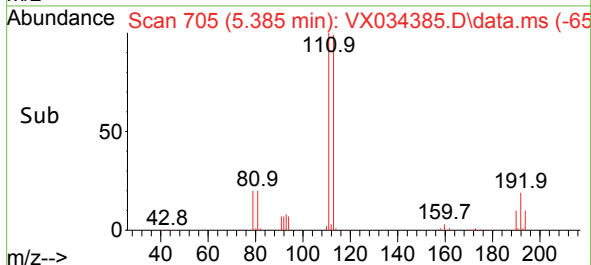
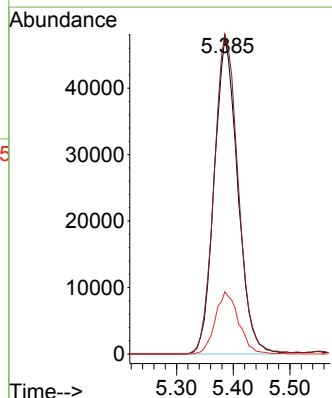
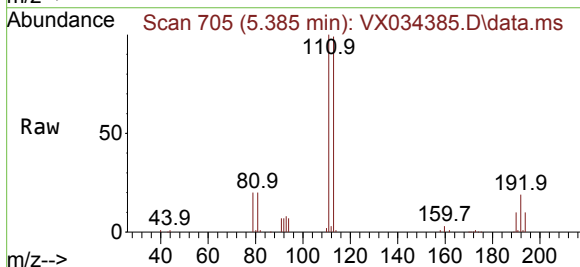
Tgt Ion:113 Resp: 136697

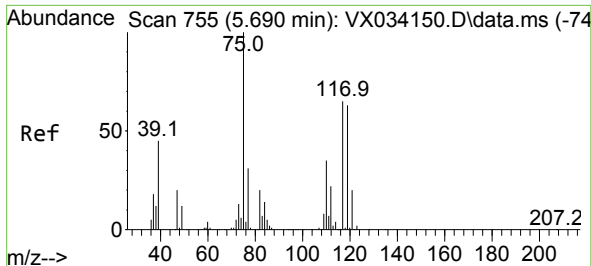
Ion Ratio Lower Upper

113 100

111 103.9 83.0 124.6

192 19.6 19.0 28.4

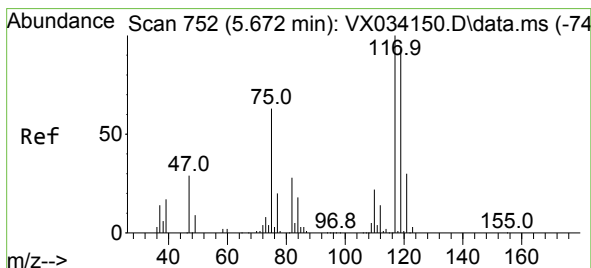
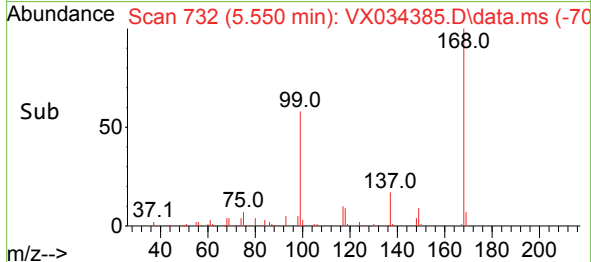
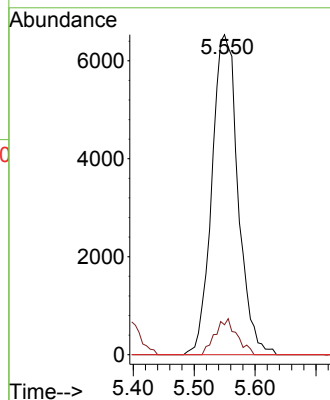
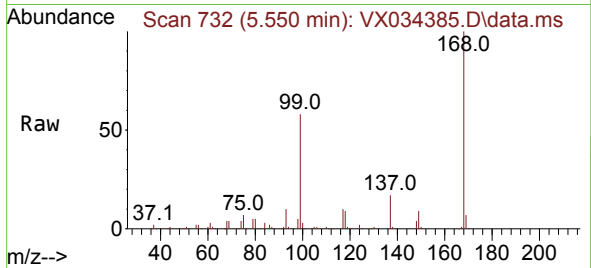




#36
1,1-Dichloropropene
Concen: 4.625 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX034385.D
Acq: 08 Mar 2023 15:55

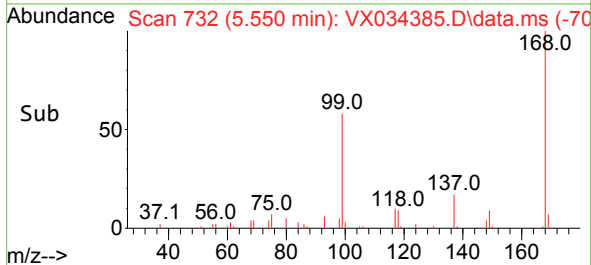
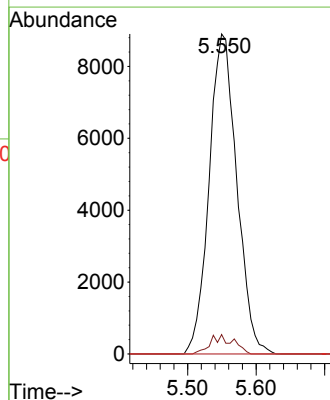
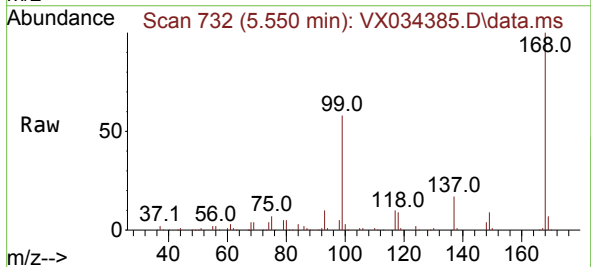
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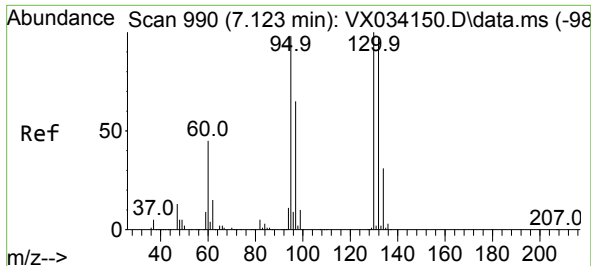
Tgt Ion: 75 Resp: 19499
Ion Ratio Lower Upper
75 100
110 9.3 18.8 56.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.754 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034385.D
Acq: 08 Mar 2023 15:55

Tgt Ion: 117 Resp: 24959
Ion Ratio Lower Upper
117 100
119 6.1 78.0 117.0#
121 0.0 24.4 36.6#

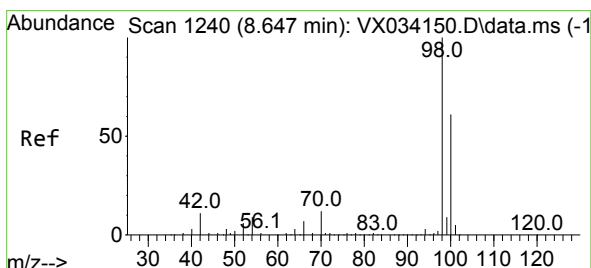
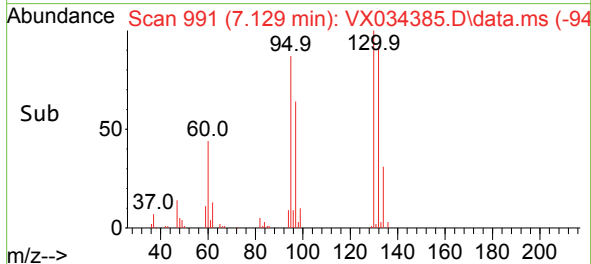
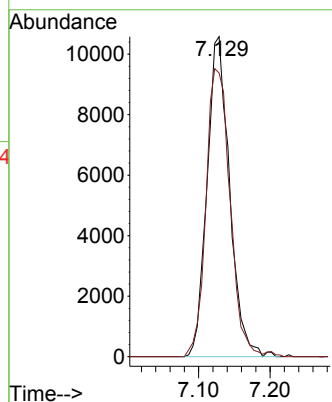
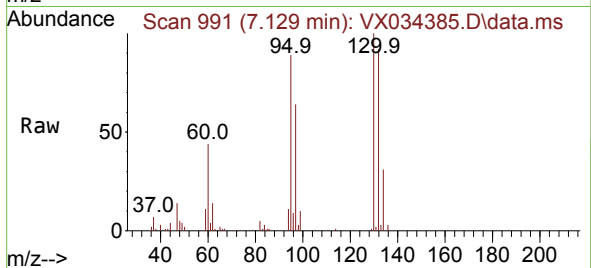




#44
Trichloroethene
Concen: 7.231 ug/l
RT: 7.129 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX034385.D
Acq: 08 Mar 2023 15:55

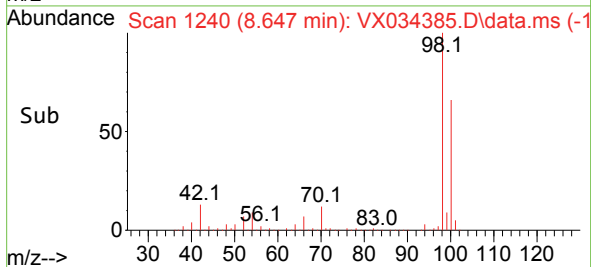
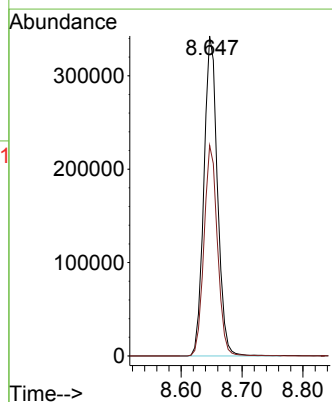
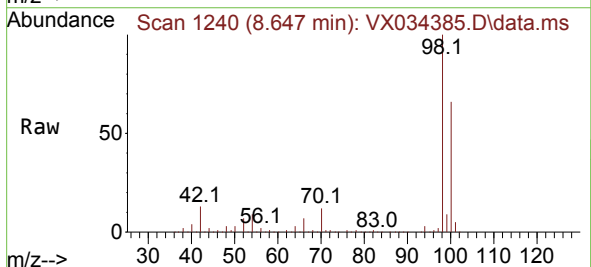
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20230306

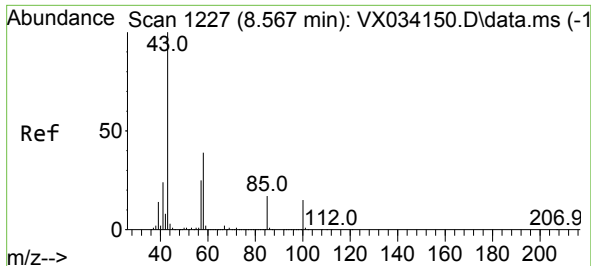
Tgt Ion:130 Resp: 23182
Ion Ratio Lower Upper
130 100
95 88.7 0.0 182.6



#50
Toluene-d8
Concen: 51.856 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034385.D
Acq: 08 Mar 2023 15:55

Tgt Ion: 98 Resp: 530706
Ion Ratio Lower Upper
98 100
100 65.5 53.6 80.4

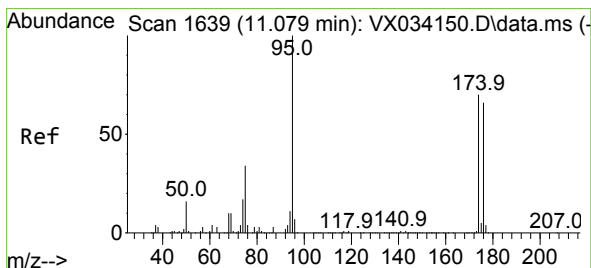
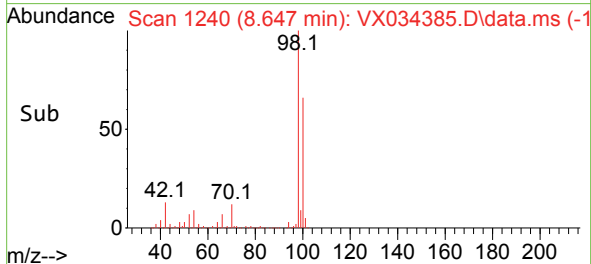
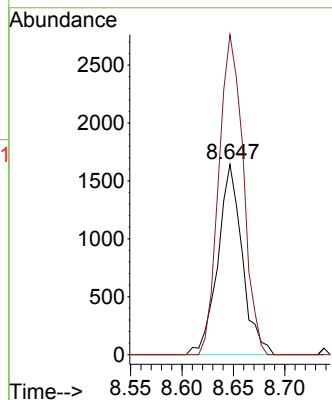
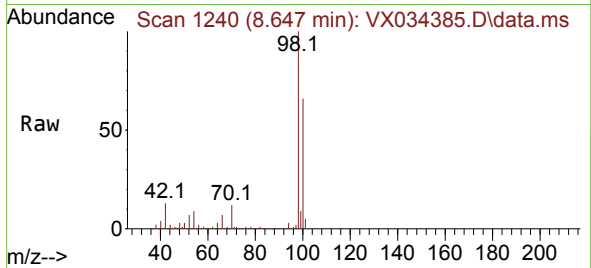




#51
4-Methyl-2-Pentanone
Concen: 0.591 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX034385.D
Acq: 08 Mar 2023 15:55

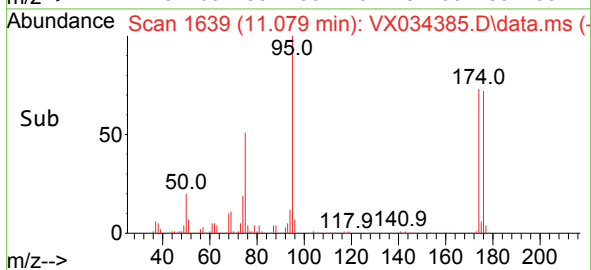
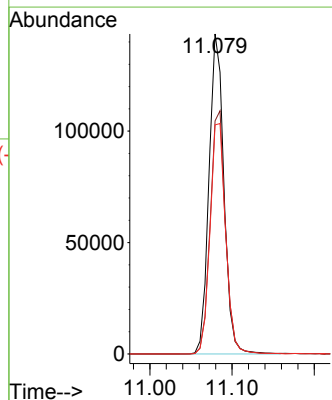
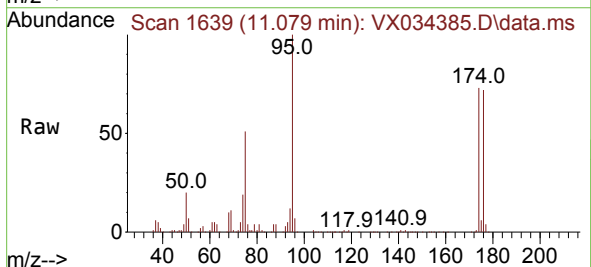
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20230306

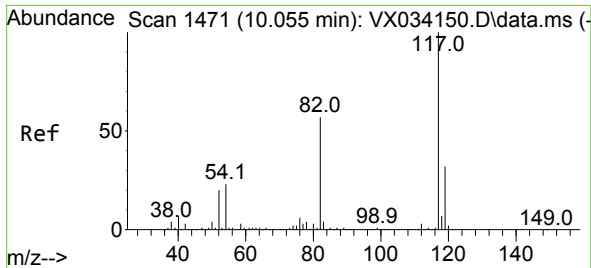
Tgt Ion: 43 Resp: 2705
Ion Ratio Lower Upper
43 100
58 168.5 31.2 46.8#



#62
4-Bromofluorobenzene
Concen: 46.178 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034385.D
Acq: 08 Mar 2023 15:55

Tgt Ion: 95 Resp: 180770
Ion Ratio Lower Upper
95 100
174 78.0 0.0 184.4
176 75.7 0.0 178.8

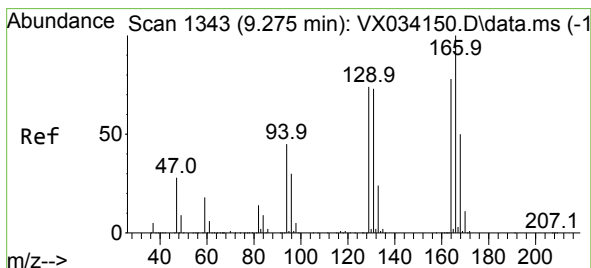
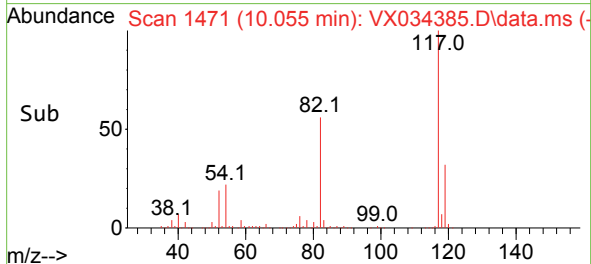
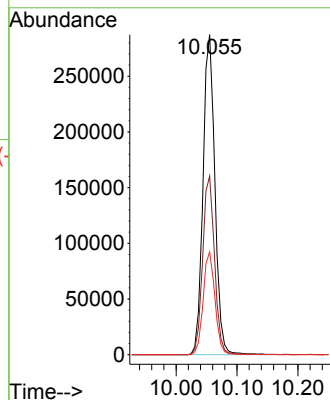
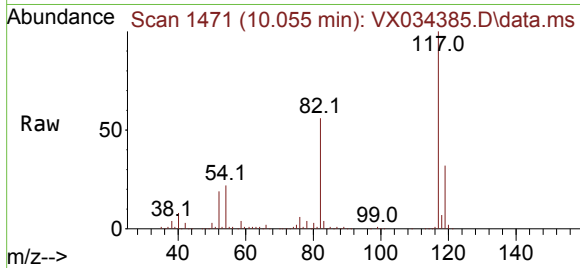




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034385.D
Acq: 08 Mar 2023 15:55

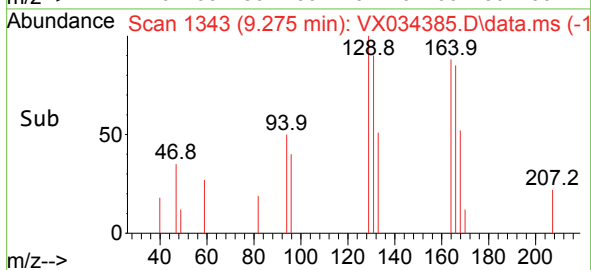
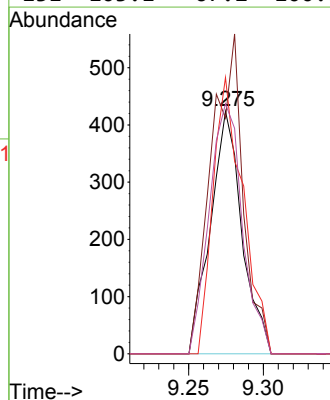
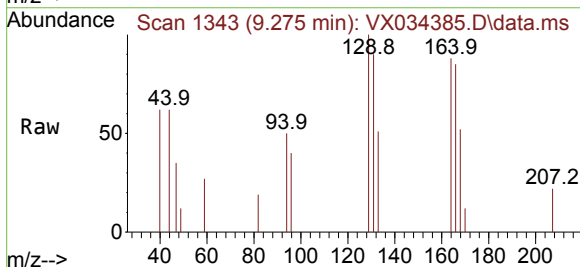
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20230306

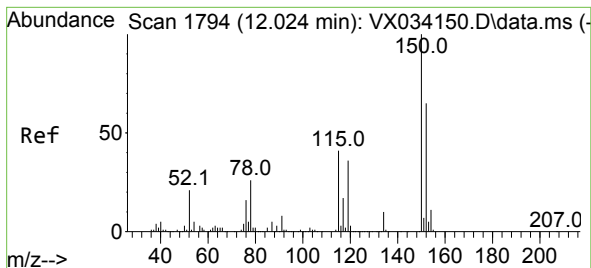
Tgt Ion:117 Resp: 390563
Ion Ratio Lower Upper
117 100
82 55.8 40.6 60.8
119 32.1 25.6 38.4



#64
Tetrachloroethene
Concen: 0.225 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034385.D
Acq: 08 Mar 2023 15:55

Tgt Ion:164 Resp: 621
Ion Ratio Lower Upper
164 100
166 97.2 100.2 150.2#
129 113.9 69.2 103.8#
131 103.1 67.2 100.8#

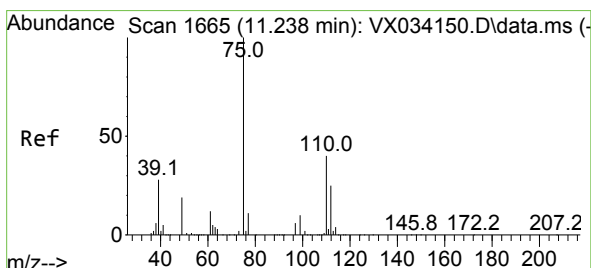
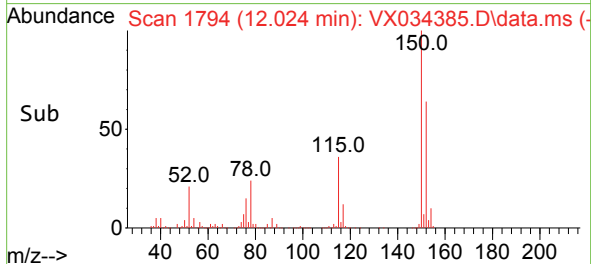
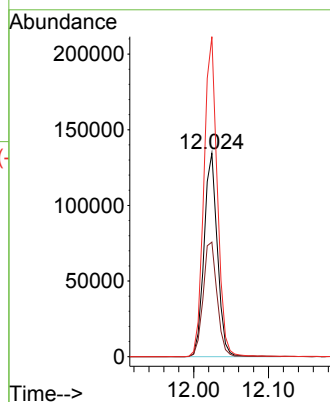
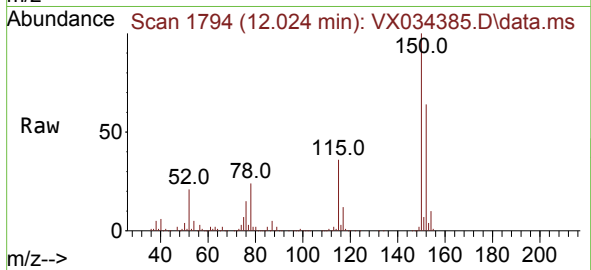




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX034385.D
 Acq: 08 Mar 2023 15:55

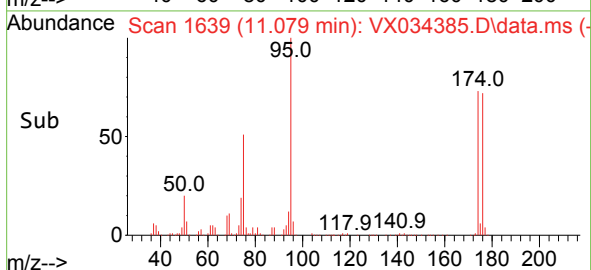
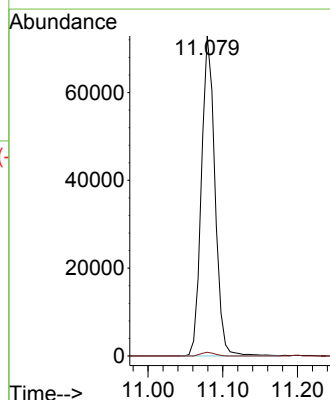
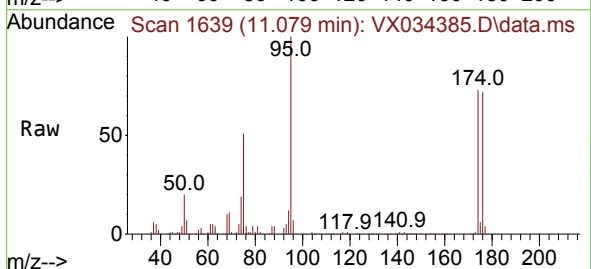
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20230306

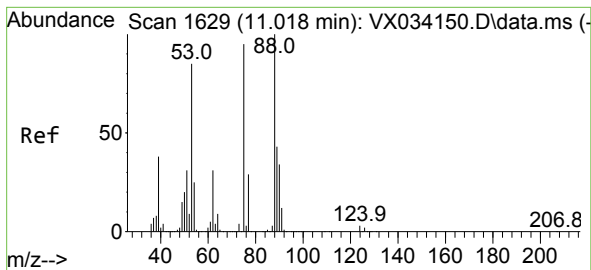
Tgt Ion:152 Resp: 166572
 Ion Ratio Lower Upper
 152 100
 115 59.4 38.7 116.1
 150 157.9 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 21.915 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX034385.D
 Acq: 08 Mar 2023 15:55

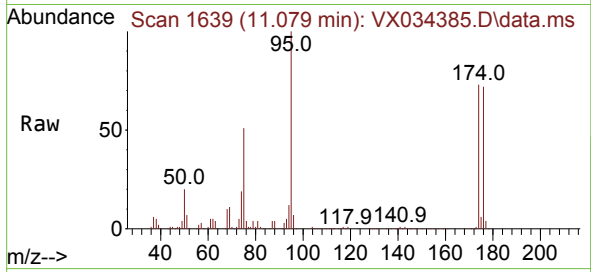
Tgt Ion: 75 Resp: 91853
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.8 65.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.297 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034385.D
 Acq: 08 Mar 2023 15:55

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20230306



Tgt Ion: 75 Resp: 91853
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.0 124.6#
 89 0.0 37.7 56.5#

