

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030823\
 Data File : VX034384.D
 Acq On : 08 Mar 2023 15:31
 Operator : JC/MD
 Sample : 01843-08 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D7-20230306

Quant Time: Mar 09 03:59:49 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)

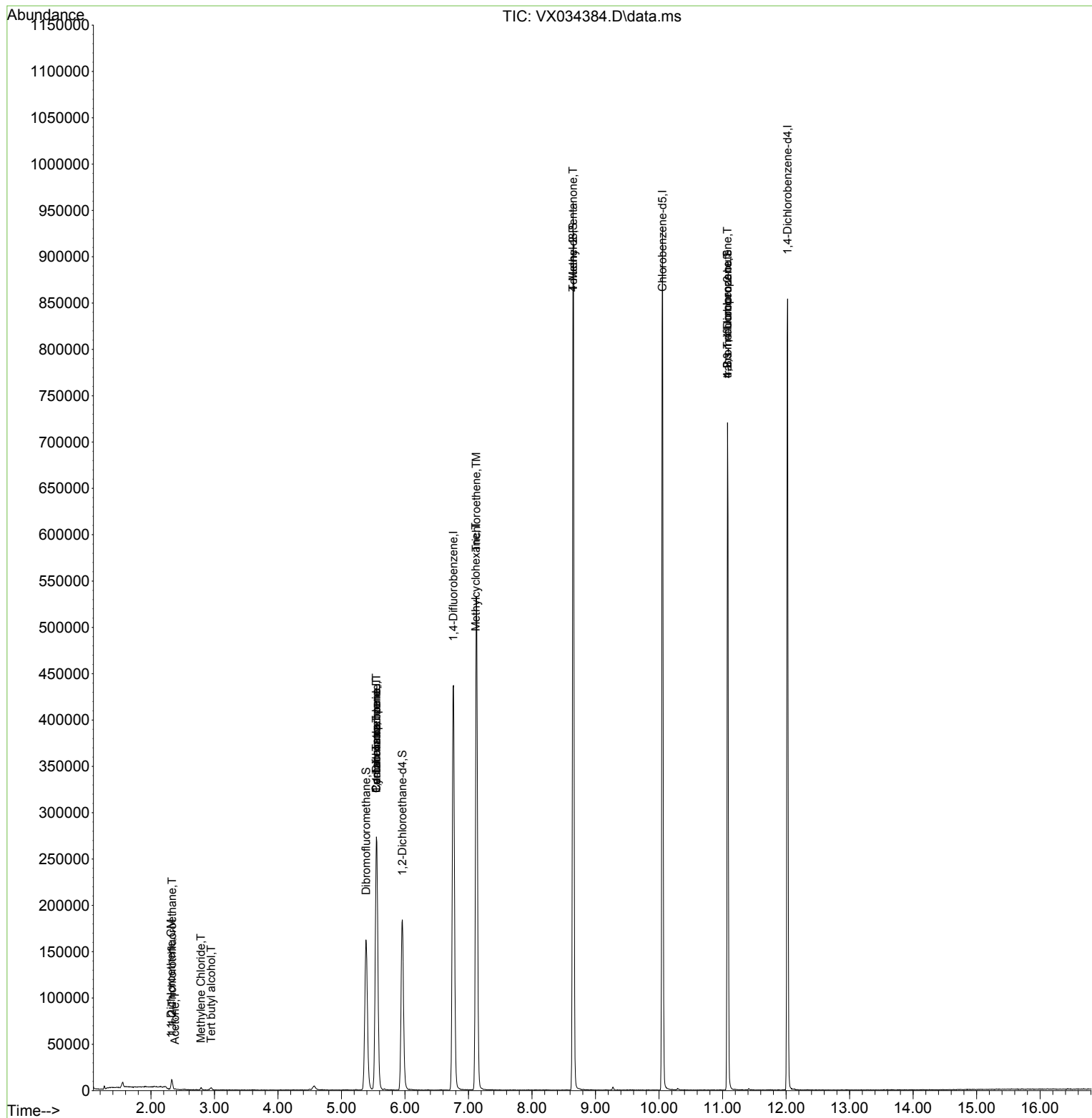
Internal Standards						
1) Pentafluorobenzene	5.550	168	268631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	464188	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	410306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	172057	47.558	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.120%
35) Dibromofluoromethane	5.385	113	142634	47.194	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.380%
50) Toluene-d8	8.647	98	554467	51.098	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.200%
62) 4-Bromofluorobenzene	11.079	95	192881	46.470	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.940%
Target Compounds						
5) Bromomethane	1.618	94	115	Below Cal	#	74
9) 1,1,2-Trichlorotrifluo...	2.331	101	3143	1.084	ug/l	94
11) Tert butyl alcohol	2.947	59	1494	1.846	ug/l #	86
12) 1,1-Dichloroethene	2.319	96	1013	0.349	ug/l #	74
16) Acetone	2.380	43	939	0.503	ug/l	98
20) Methylene Chloride	2.788	84	1044	0.310	ug/l #	88
31) Cyclohexane	5.550	56	5896	1.092	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	20837	4.662	ug/l #	48
38) Carbon Tetrachloride	5.550	117	25536	5.552	ug/l #	15
39) Methylcyclohexane	7.117	83	2589	0.450	ug/l #	1
44) Trichloroethene	7.123	130	207123	60.934	ug/l	92
51) 4-Methyl-2-Pentanone	8.647	43	2905	0.599	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	97673	21.563	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	97673	55.393	ug/l #	8

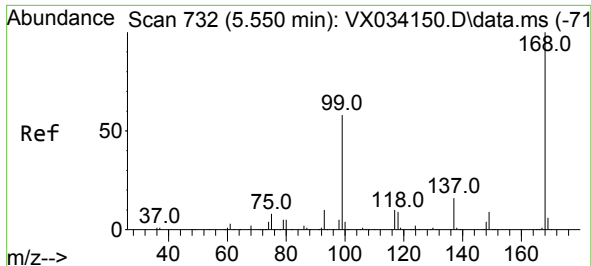
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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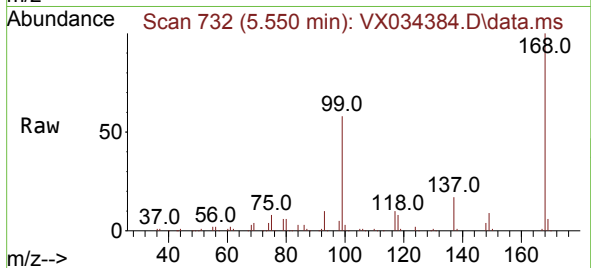
Quant Time: Mar 09 03:59:49 2023
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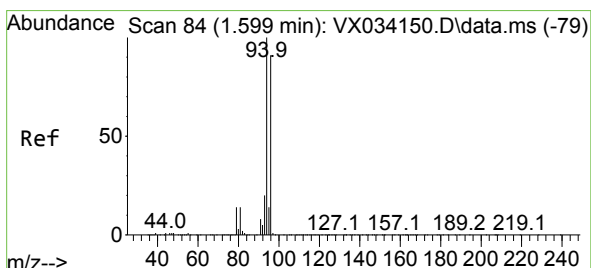
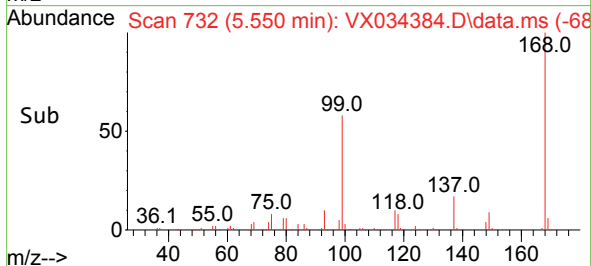
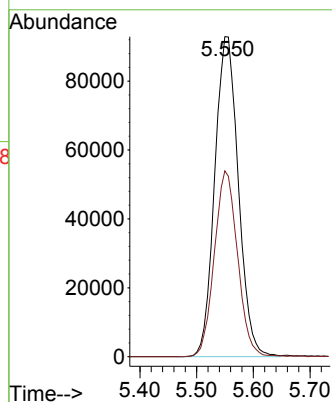


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034384.D
Acq: 08 Mar 2023 15:31

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20230306

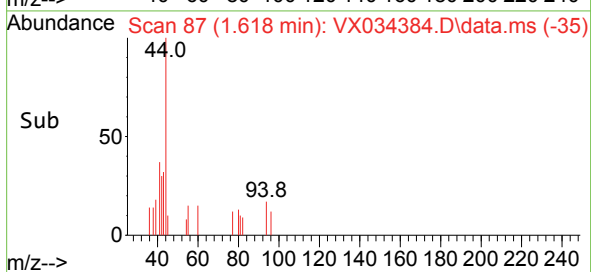
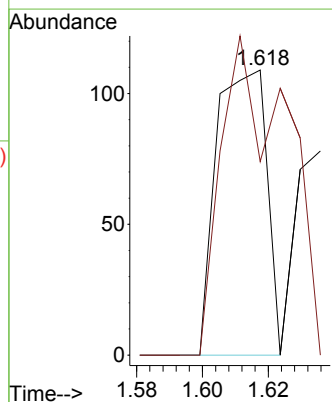
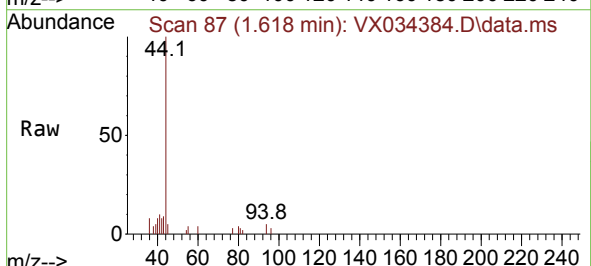


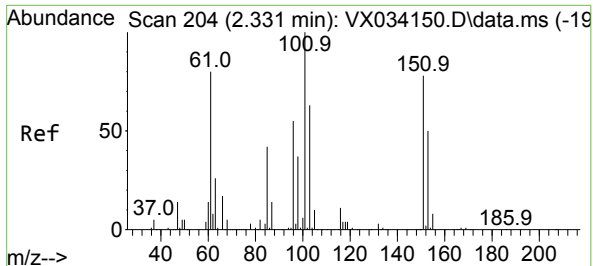
Tgt Ion:168 Resp: 268631
Ion Ratio Lower Upper
168 100
99 58.1 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX034384.D
Acq: 08 Mar 2023 15:31

Tgt Ion: 94 Resp: 115
Ion Ratio Lower Upper
94 100
96 67.9 74.3 111.5#

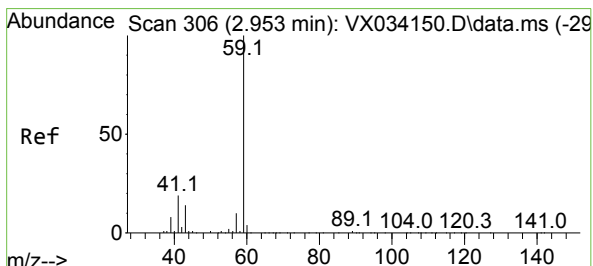
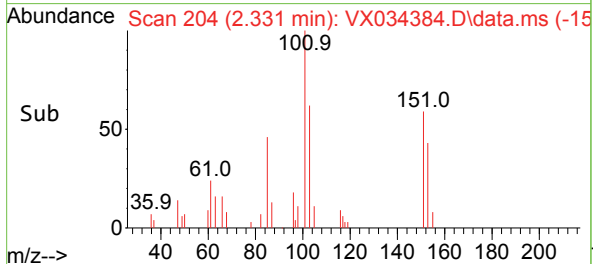
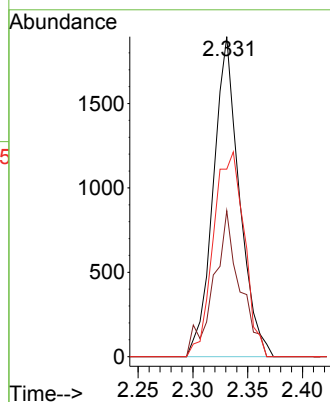
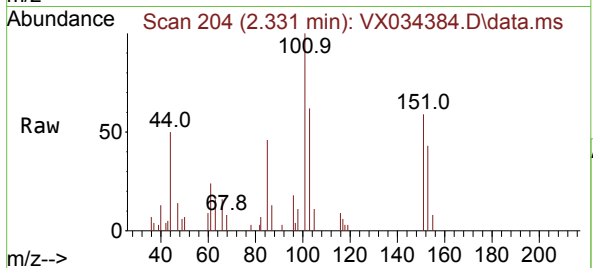




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.084 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034384.D
Acq: 08 Mar 2023 15:31

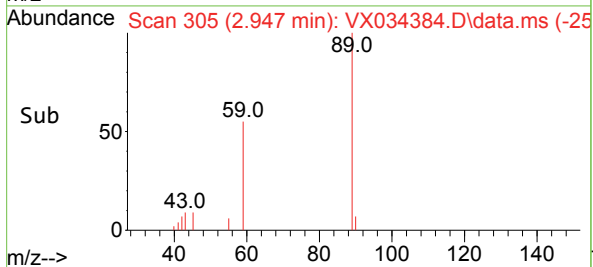
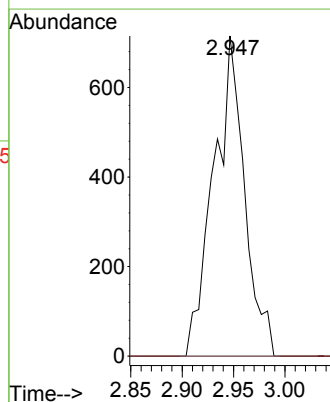
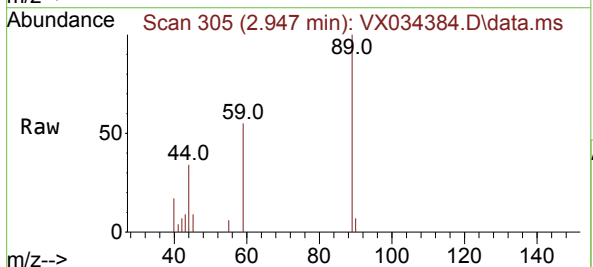
Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20230306

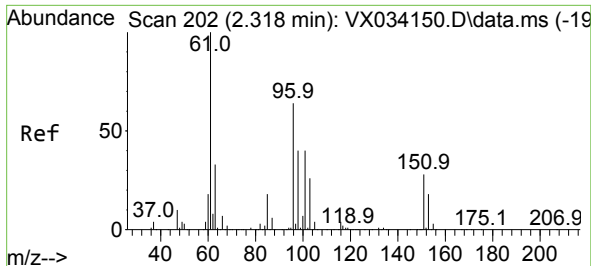
Tgt Ion:101 Resp: 3143
Ion Ratio Lower Upper
101 100
85 46.2 36.7 55.1
151 75.5 66.5 99.7



#11
Tert butyl alcohol
Concen: 1.846 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX034384.D
Acq: 08 Mar 2023 15:31

Tgt Ion: 59 Resp: 1494
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

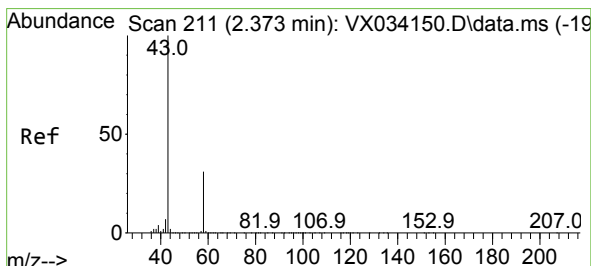
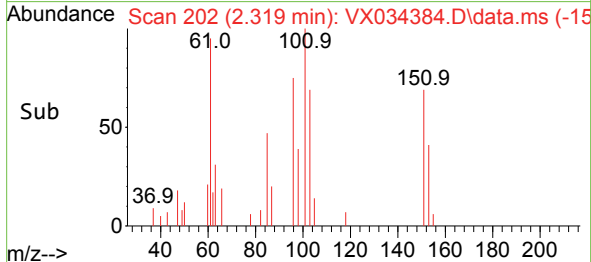
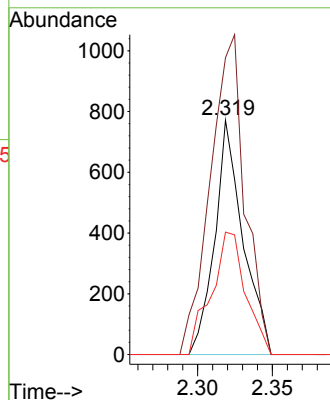
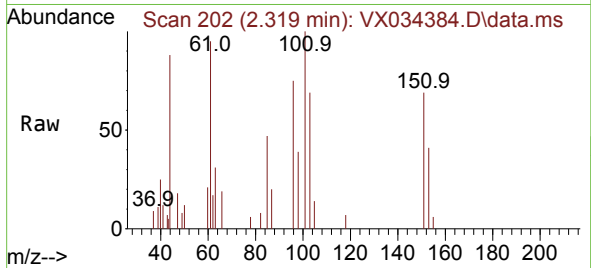




#12
1,1-Dichloroethene
Concen: 0.349 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX034384.D
Acq: 08 Mar 2023 15:31

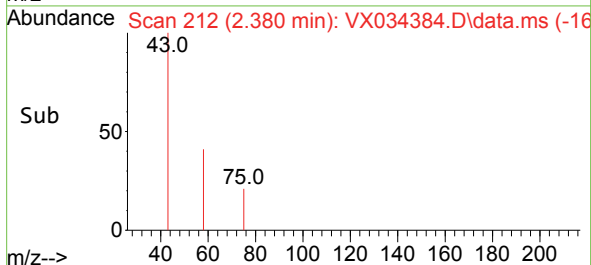
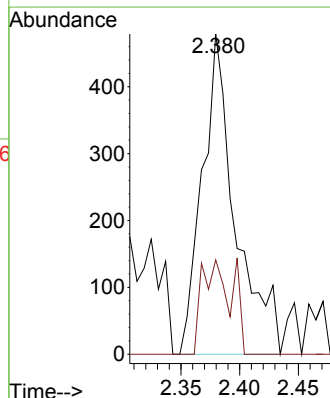
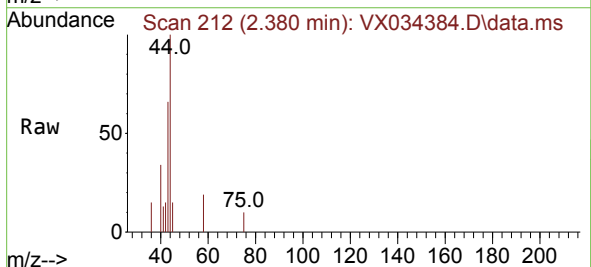
Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20230306

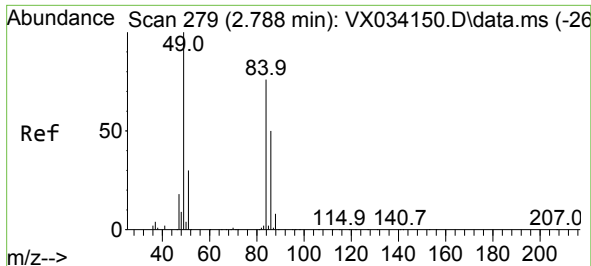
Tgt Ion: 96 Resp: 1013
Ion Ratio Lower Upper
96 100
61 126.6 134.2 201.4#
98 52.2 50.2 75.2



#16
Acetone
Concen: 0.503 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034384.D
Acq: 08 Mar 2023 15:31

Tgt Ion: 43 Resp: 939
Ion Ratio Lower Upper
43 100
58 29.4 22.6 33.8

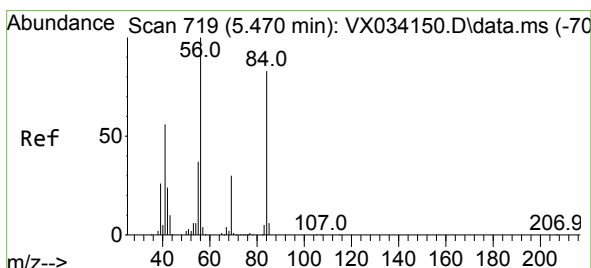
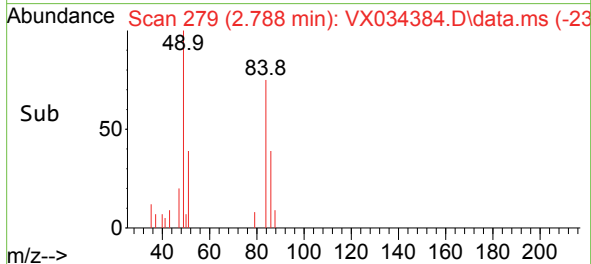
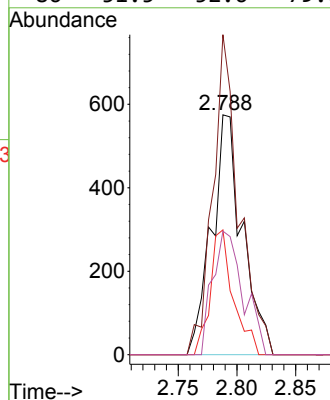
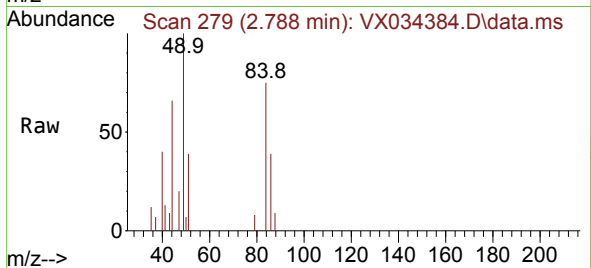




#20
Methylene Chloride
Concen: 0.310 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034384.D
Acq: 08 Mar 2023 15:31

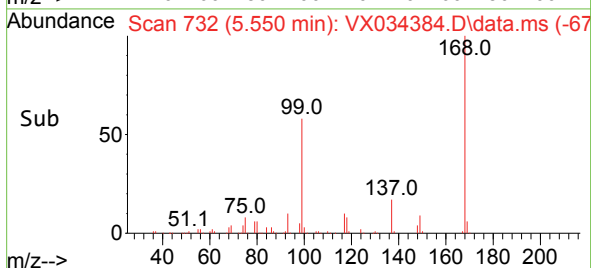
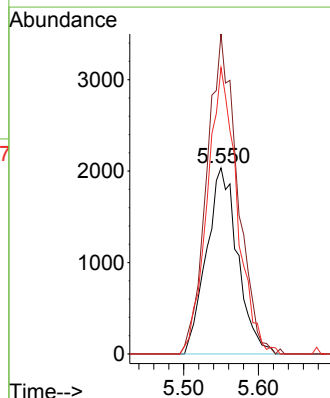
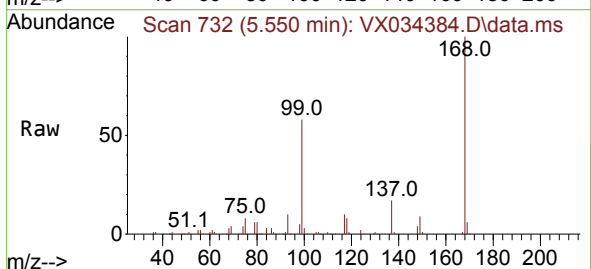
Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20230306

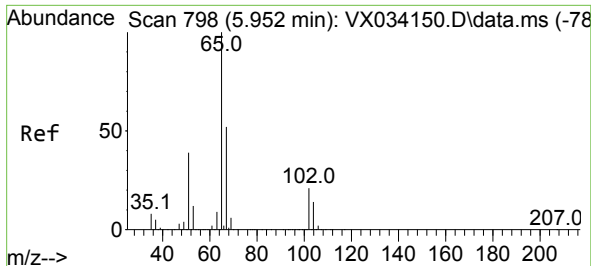
Tgt Ion:	84	Resp:	1044
Ion	Ratio	Lower	Upper
84	100		
49	133.4	101.1	151.7
51	52.0	31.0	46.6#
86	51.5	52.6	79.0#



#31
Cyclohexane
Concen: 1.092 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX034384.D
Acq: 08 Mar 2023 15:31

Tgt Ion:	56	Resp:	5896
Ion	Ratio	Lower	Upper
56	100		
69	172.0	24.6	37.0#
84	154.0	71.0	106.6#

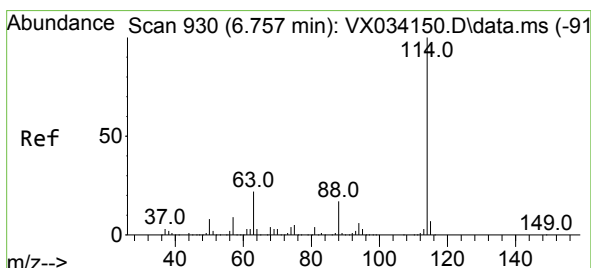
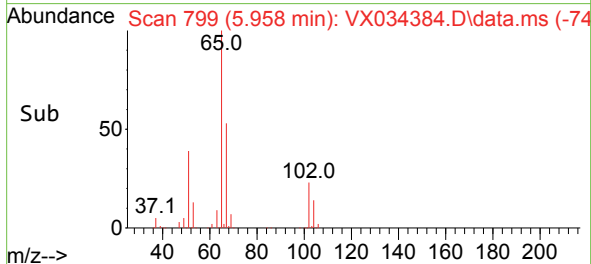
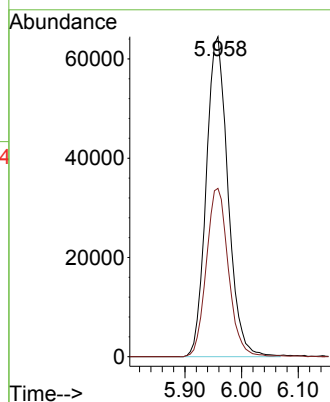
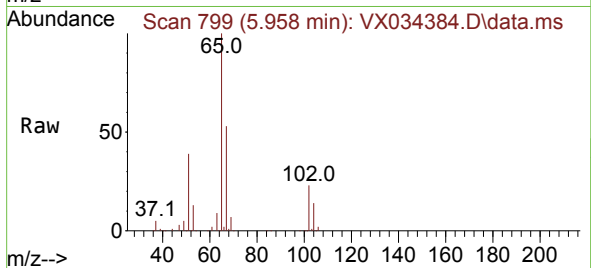




#33
1,2-Dichloroethane-d4
Concen: 47.558 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034384.D
Acq: 08 Mar 2023 15:31

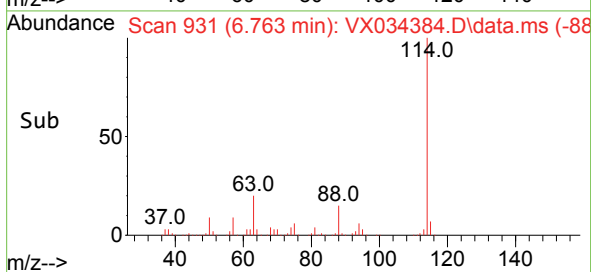
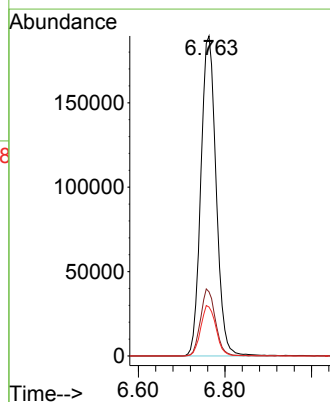
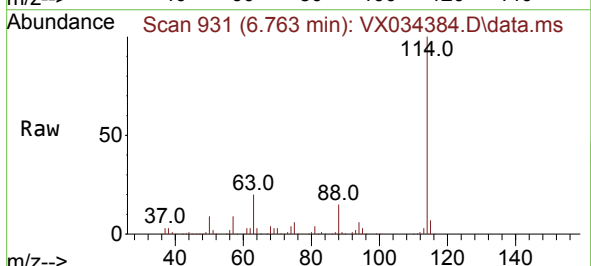
Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20230306

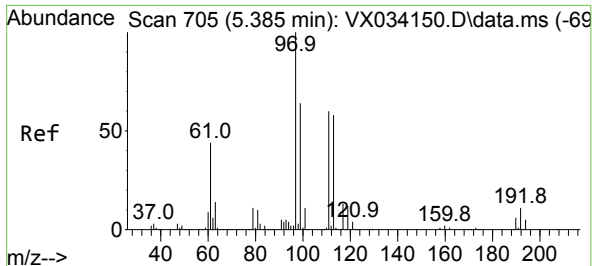
Tgt Ion: 65 Resp: 172057
Ion Ratio Lower Upper
65 100
67 53.4 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX034384.D
Acq: 08 Mar 2023 15:31

Tgt Ion: 114 Resp: 464188
Ion Ratio Lower Upper
114 100
63 20.1 0.0 37.4
88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.194 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX034384.D

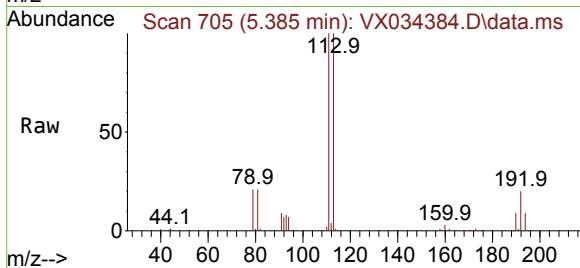
Acq: 08 Mar 2023 15:31

Instrument :

MSVOA_X

ClientSampleId :

RE132D7-20230306



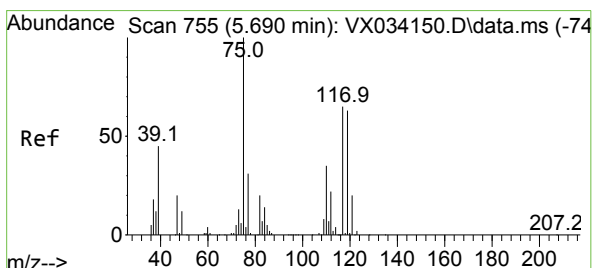
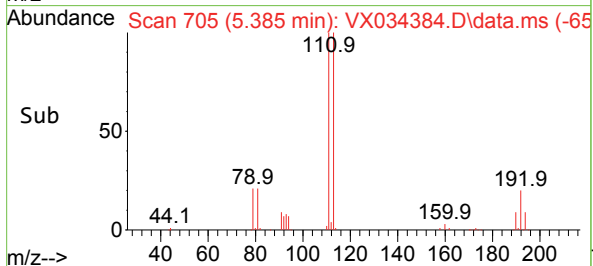
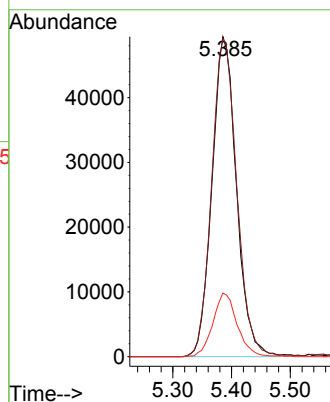
Tgt Ion:113 Resp: 142634

Ion Ratio Lower Upper

113 100

111 102.3 83.0 124.6

192 19.9 19.0 28.4



#36

1,1-Dichloropropene

Concen: 4.662 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX034384.D

Acq: 08 Mar 2023 15:31

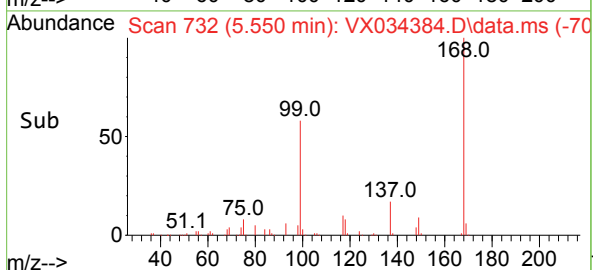
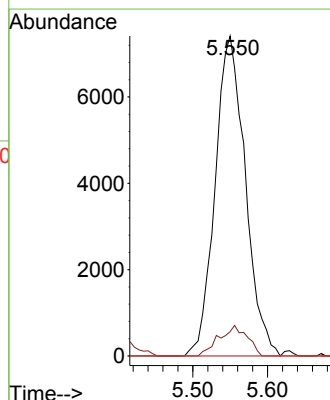
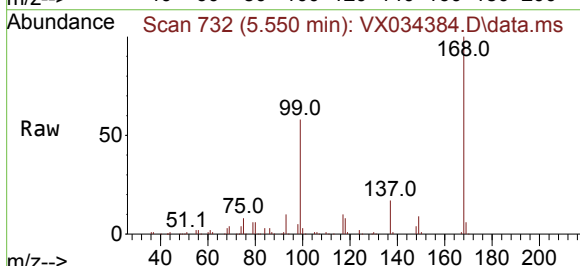
Tgt Ion: 75 Resp: 20837

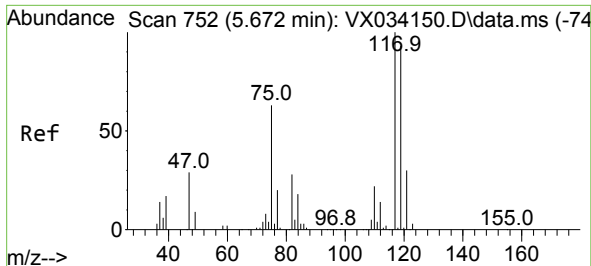
Ion Ratio Lower Upper

75 100

110 8.9 18.8 56.4#

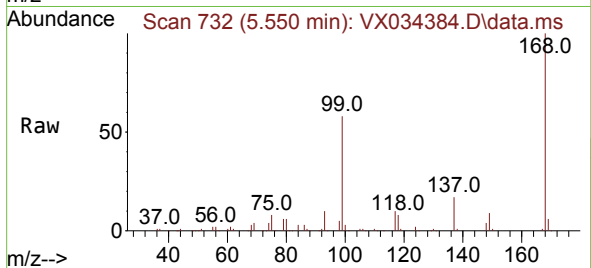
77 0.0 25.1 37.7#



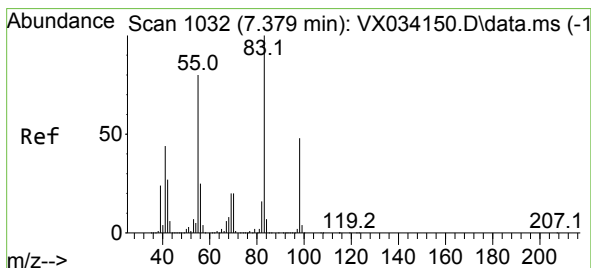
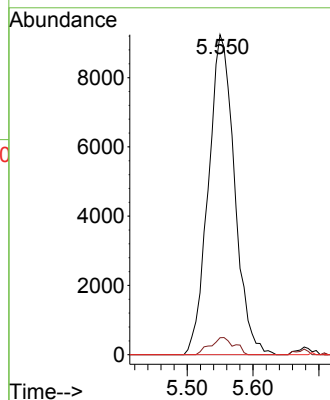
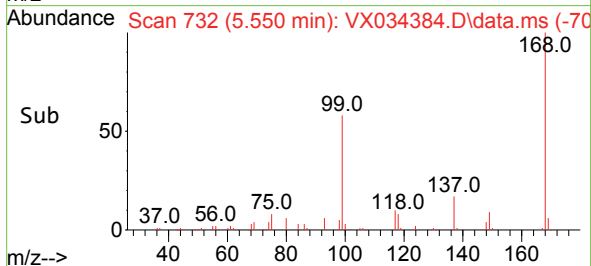


#38
Carbon Tetrachloride
Concen: 5.552 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034384.D
Acq: 08 Mar 2023 15:31

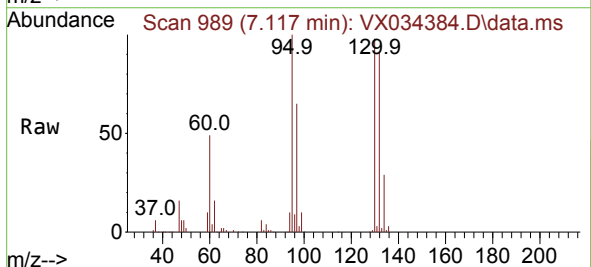
Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20230306



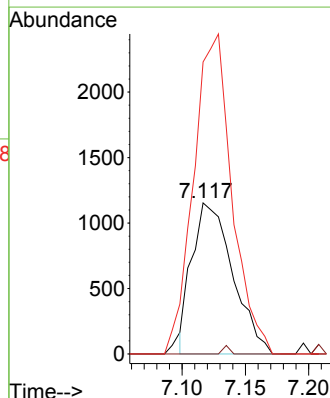
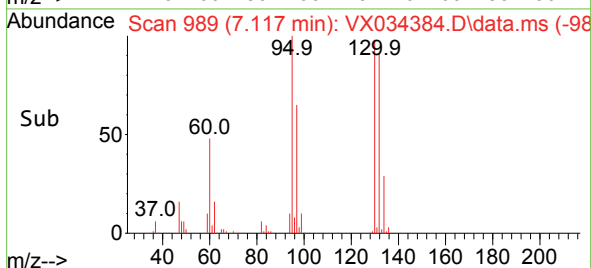
Tgt Ion:117 Resp: 25536
Ion Ratio Lower Upper
117 100
119 5.3 78.0 117.0#
121 0.0 24.4 36.6#

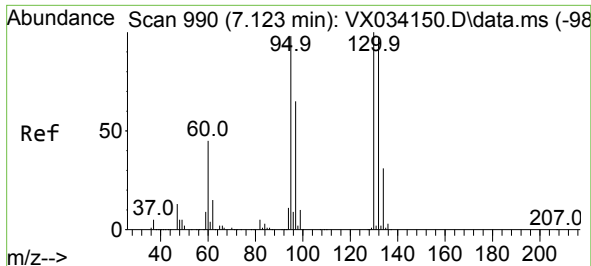


#39
Methylcyclohexane
Concen: 0.450 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.262 min
Lab File: VX034384.D
Acq: 08 Mar 2023 15:31



Tgt Ion: 83 Resp: 2589
Ion Ratio Lower Upper
83 100
55 0.0 61.8 92.6#
98 193.2 39.3 58.9#

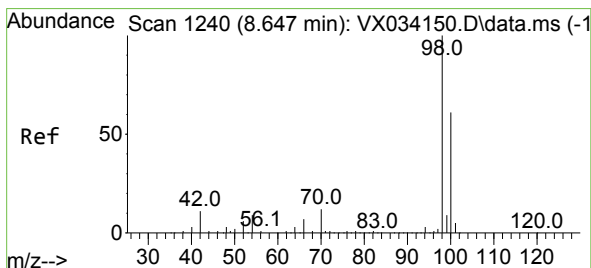
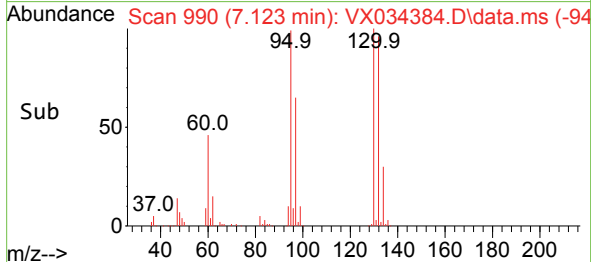
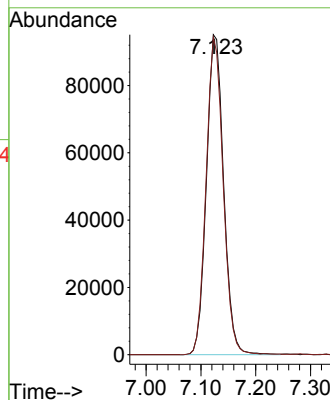
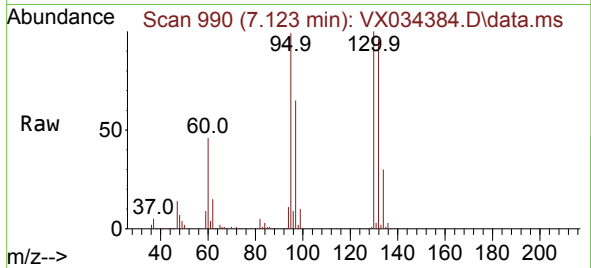




#44
Trichloroethene
Concen: 60.934 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX034384.D
Acq: 08 Mar 2023 15:31

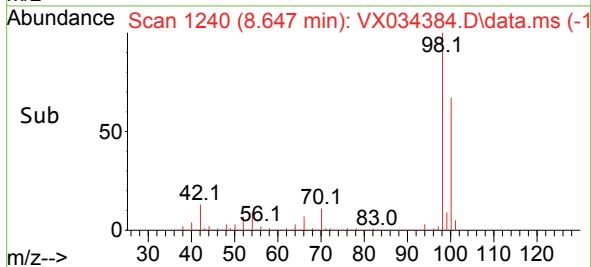
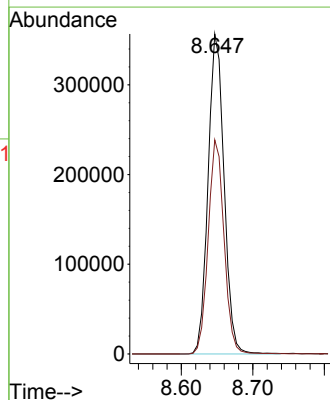
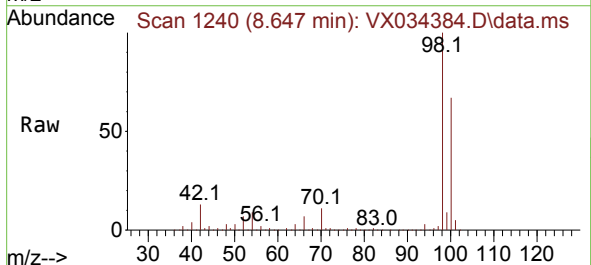
Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20230306

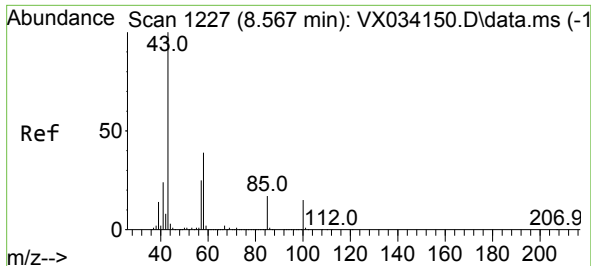
Tgt Ion:130 Resp: 207123
Ion Ratio Lower Upper
130 100
95 99.1 0.0 182.6



#50
Toluene-d8
Concen: 51.098 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034384.D
Acq: 08 Mar 2023 15:31

Tgt Ion: 98 Resp: 554467
Ion Ratio Lower Upper
98 100
100 66.4 53.6 80.4

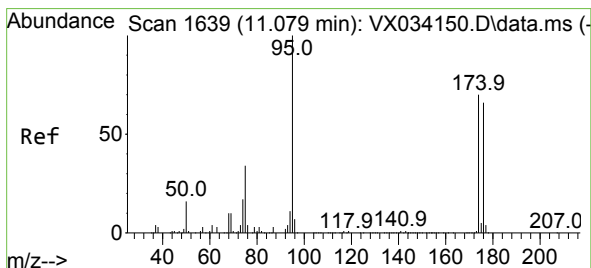
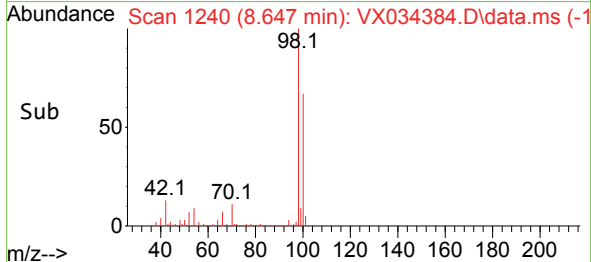
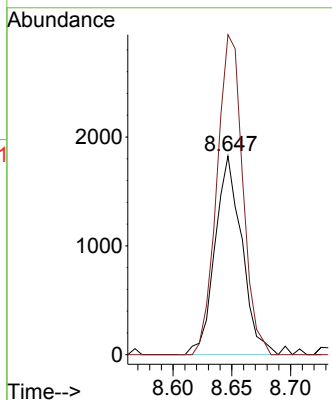
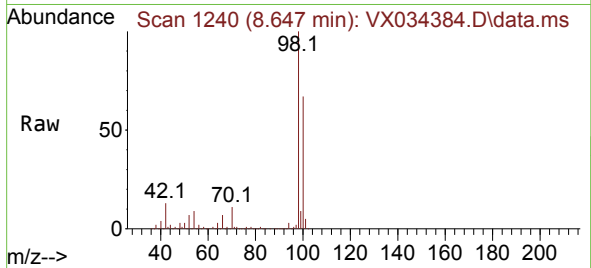




#51
4-Methyl-2-Pentanone
Concen: 0.599 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX034384.D
Acq: 08 Mar 2023 15:31

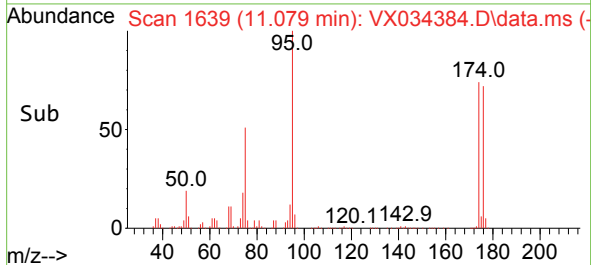
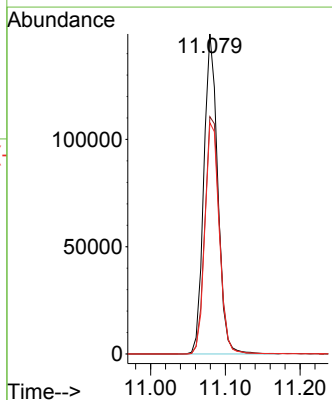
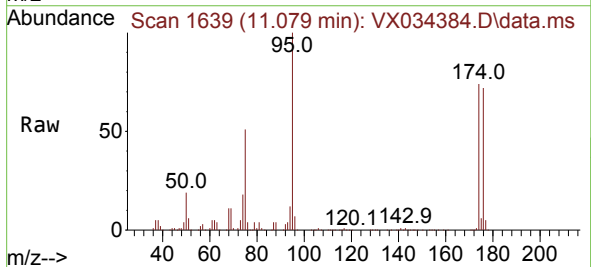
Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20230306

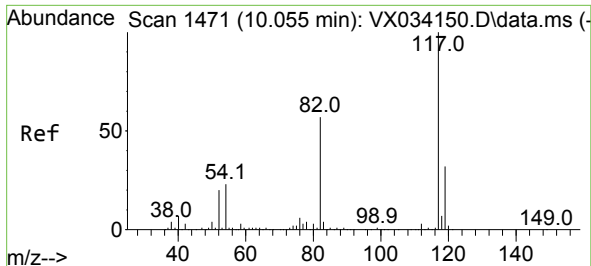
Tgt Ion: 43 Resp: 2905
Ion Ratio Lower Upper
43 100
58 155.1 31.2 46.8#



#62
4-Bromofluorobenzene
Concen: 46.470 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034384.D
Acq: 08 Mar 2023 15:31

Tgt Ion: 95 Resp: 192881
Ion Ratio Lower Upper
95 100
174 77.8 0.0 184.4
176 74.5 0.0 178.8

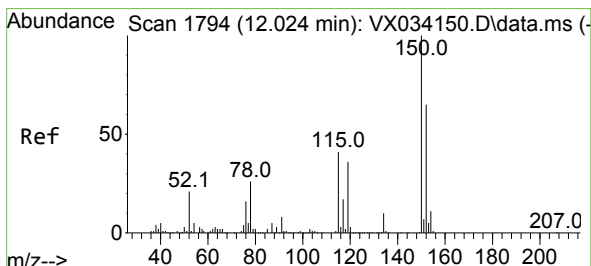
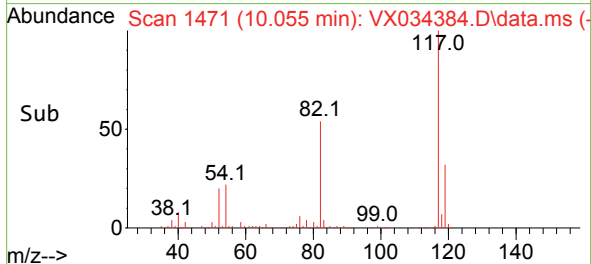
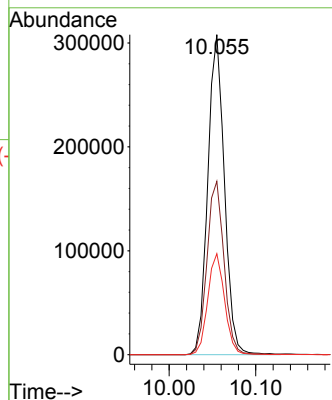
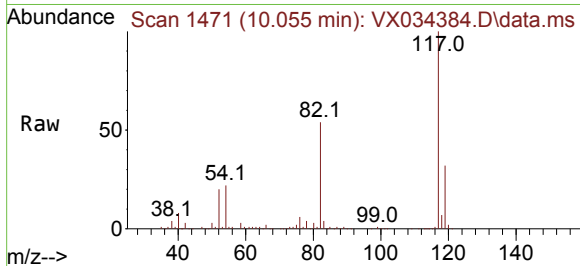




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034384.D
Acq: 08 Mar 2023 15:31

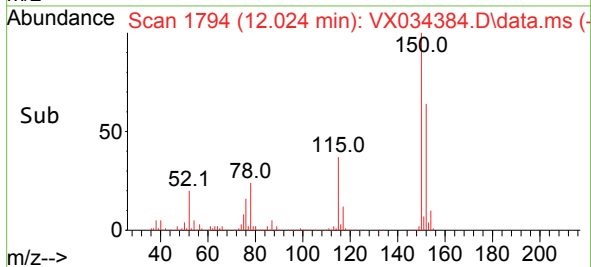
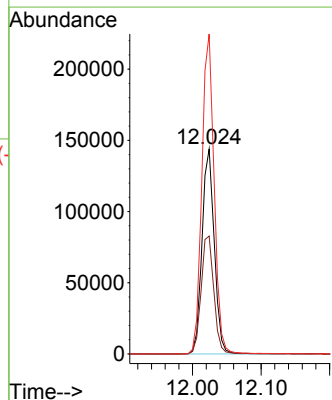
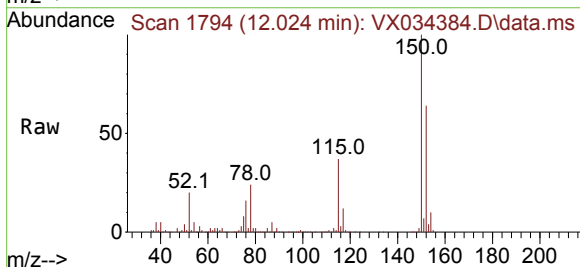
Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20230306

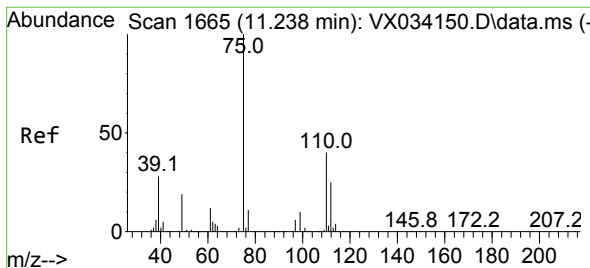
Tgt Ion:117 Resp: 410306
Ion Ratio Lower Upper
117 100
82 54.1 40.6 60.8
119 31.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034384.D
Acq: 08 Mar 2023 15:31

Tgt Ion:152 Resp: 180015
Ion Ratio Lower Upper
152 100
115 59.5 38.7 116.1
150 156.4 0.0 348.2

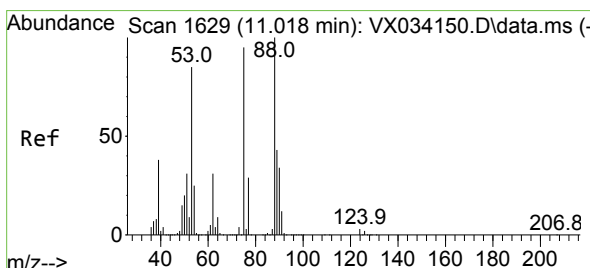
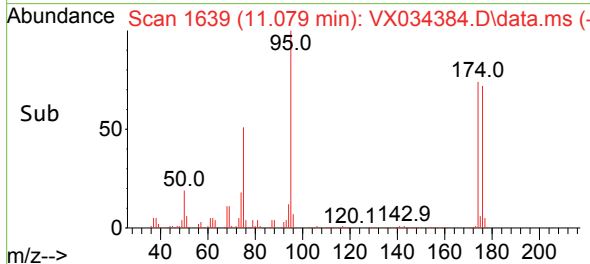
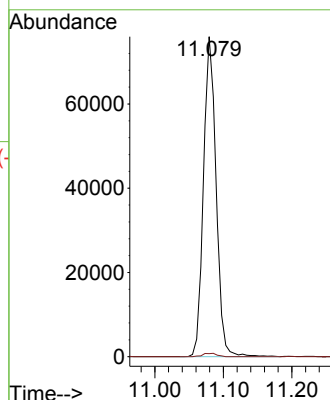
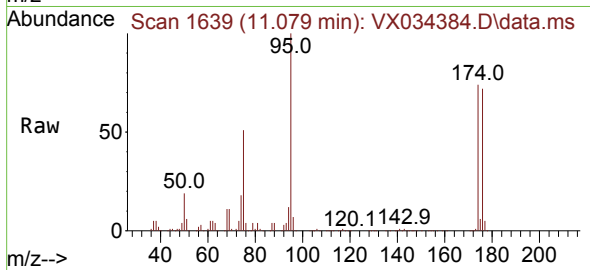




#76
1,2,3-Trichloropropane
Concen: 21.563 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034384.D
Acq: 08 Mar 2023 15:31

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20230306

Tgt Ion: 75 Resp: 97673
Ion Ratio Lower Upper
75 100
77 1.2 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.393 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034384.D
Acq: 08 Mar 2023 15:31

Tgt Ion: 75 Resp: 97673
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

