

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038883.D
 Acq On : 17 Nov 2023 16:15
 Operator : JC/MD
 Sample : 05403-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20231112

Quant Time: Nov 17 22:52:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

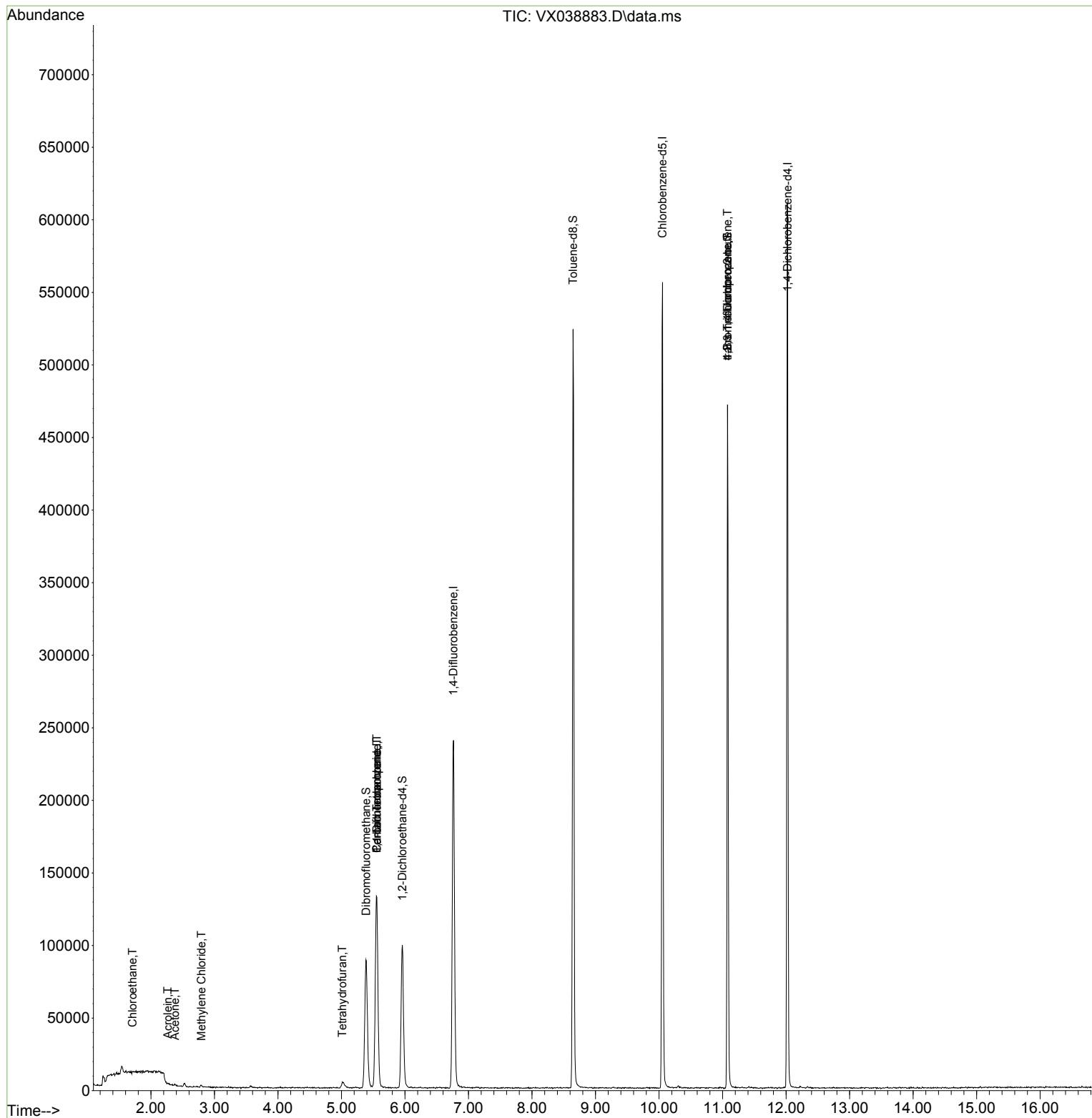
Internal Standards						
1) Pentafluorobenzene	5.556	168	122264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	245553	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	251358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92122	46.760	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.520%
35) Dibromofluoromethane	5.385	113	78903	44.491	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.980%
50) Toluene-d8	8.647	98	312504	46.056	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.120%
62) 4-Bromofluorobenzene	11.079	95	131190	48.299	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.600%
Target Compounds						
					Qvalue	
6) Chloroethane	1.709	64	245	0.239	ug/l	89
13) Acrolein	2.264	56	85	0.293	ug/l #	14
16) Acetone	2.380	43	1226	1.169	ug/l	92
20) Methylene Chloride	2.794	84	562	0.297	ug/l #	61
29) Tetrahydrofuran	5.013	42	2517	2.331	ug/l #	39
36) 1,1-Dichloropropene	5.556	75	11134	4.380	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13030	5.547	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	66476	21.570	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	66476	47.844	ug/l #	5

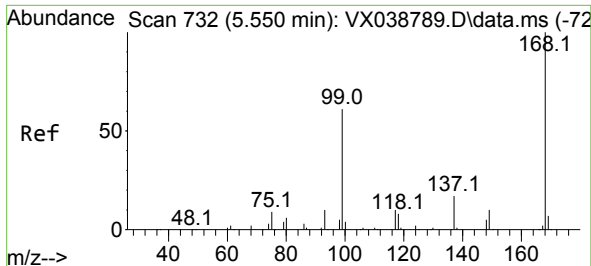
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

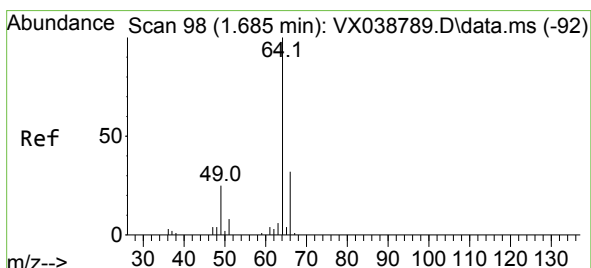
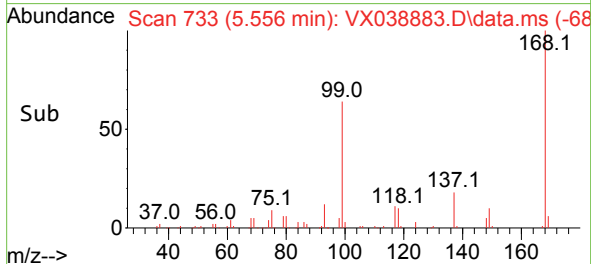
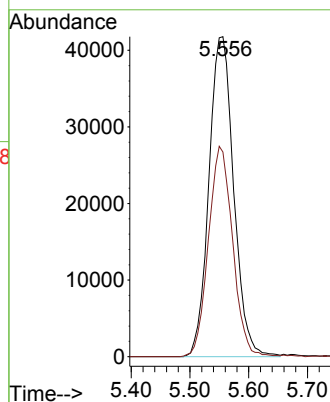
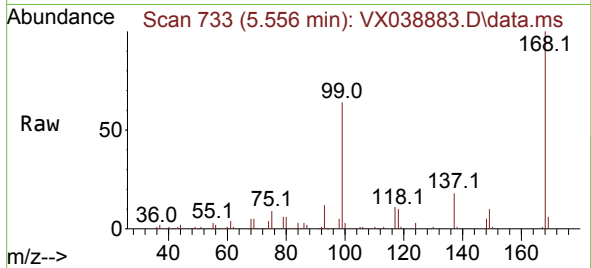




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038883.D
Acq: 17 Nov 2023 16:15

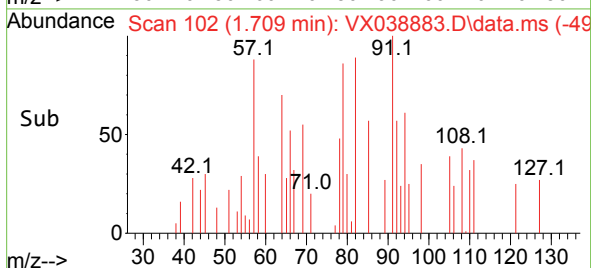
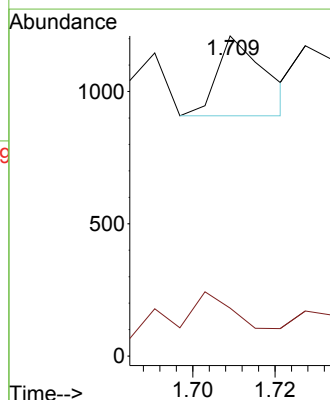
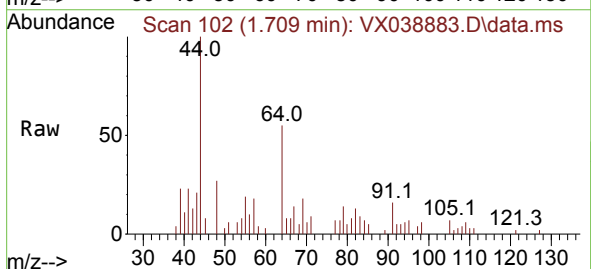
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20231112

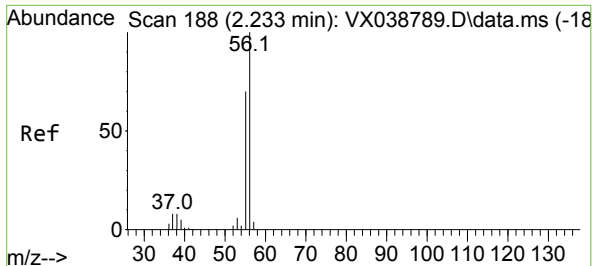
Tgt Ion:168 Resp: 122264
Ion Ratio Lower Upper
168 100
99 63.9 56.6 85.0



#6
Chloroethane
Concen: 0.239 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.024 min
Lab File: VX038883.D
Acq: 17 Nov 2023 16:15

Tgt Ion: 64 Resp: 245
Ion Ratio Lower Upper
64 100
66 25.5 25.1 37.7

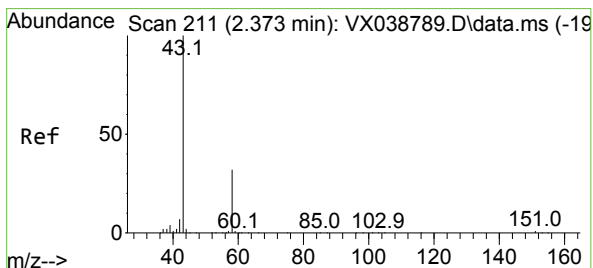
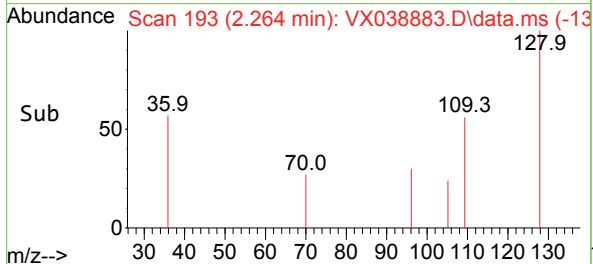
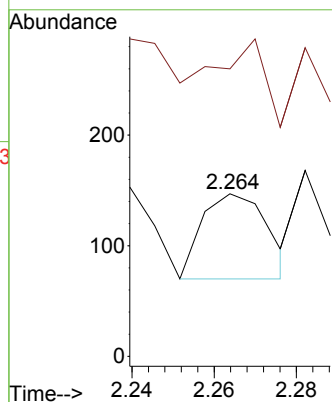
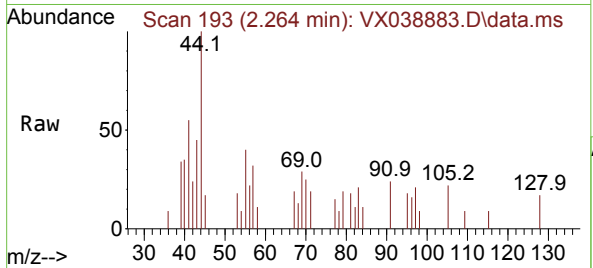




#13
Acrolein
Concen: 0.293 ug/l
RT: 2.264 min Scan# 193
Delta R.T. 0.031 min
Lab File: VX038883.D
Acq: 17 Nov 2023 16:15

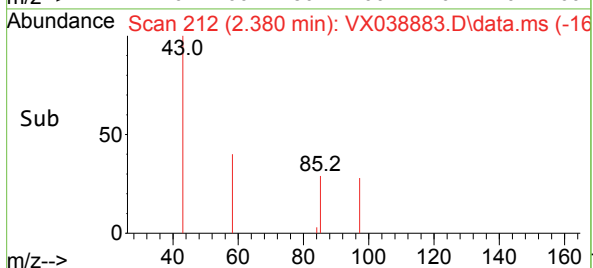
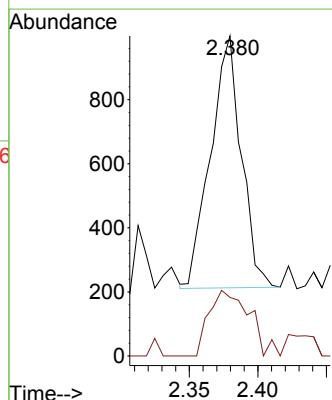
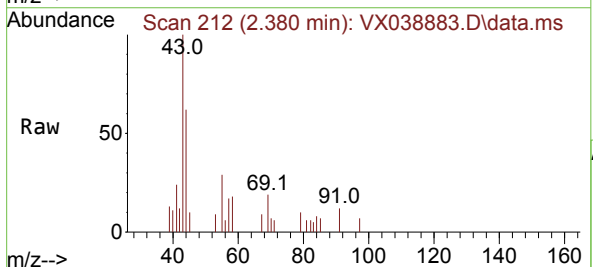
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20231112

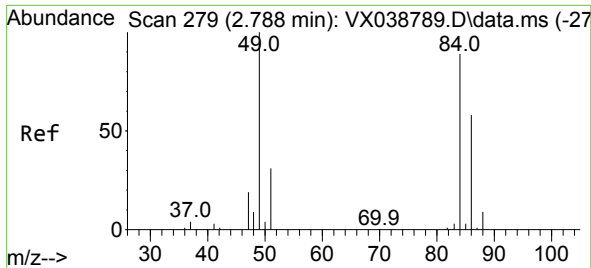
Tgt Ion: 56 Resp: 85
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 1.169 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX038883.D
Acq: 17 Nov 2023 16:15

Tgt Ion: 43 Resp: 1226
Ion Ratio Lower Upper
43 100
58 23.3 21.9 32.9

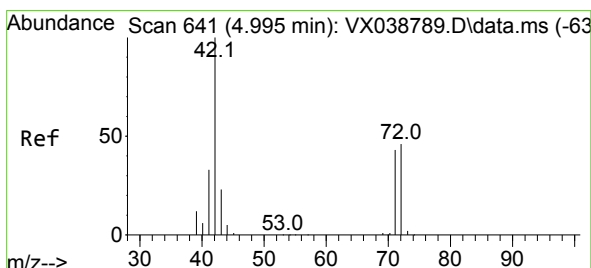
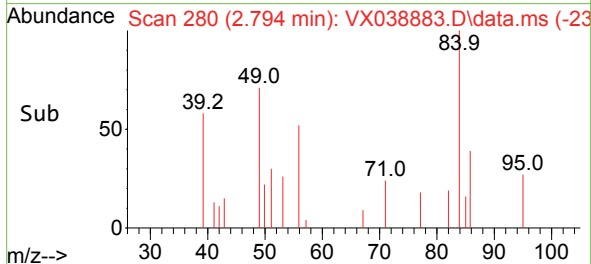
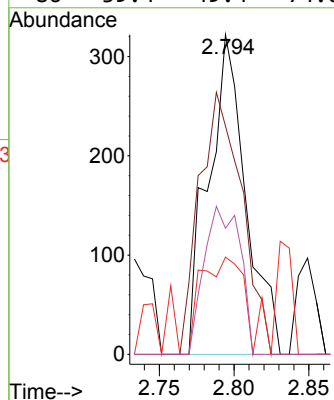
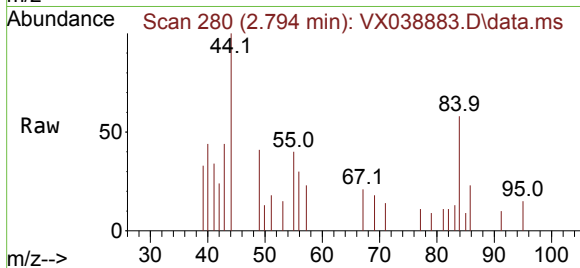




#20
Methylene Chloride
Concen: 0.297 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038883.D
Acq: 17 Nov 2023 16:15

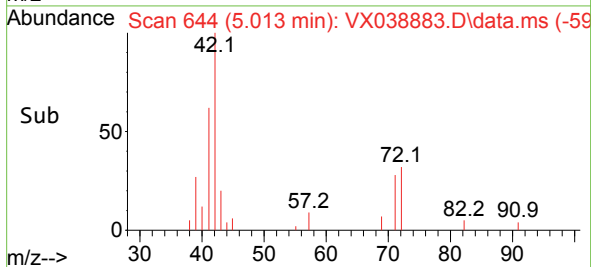
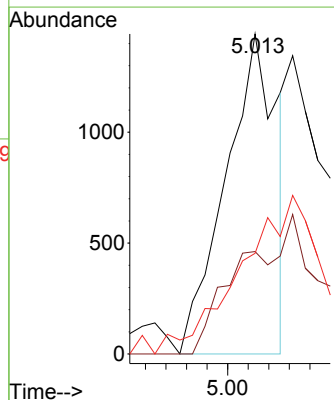
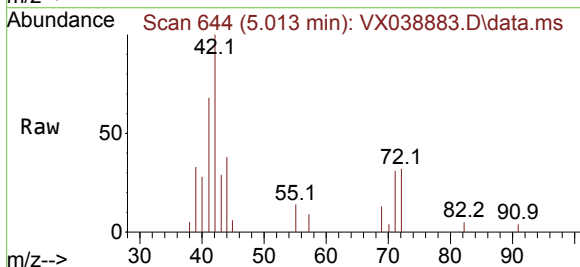
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20231112

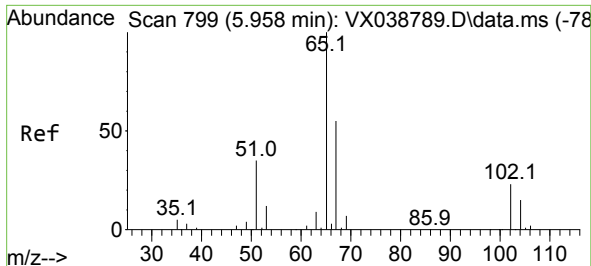
Tgt Ion:	84	Resp:	562
Ion	Ratio	Lower	Upper
84	100		
49	71.4	103.6	155.4#
51	30.4	33.8	50.6#
86	39.4	49.4	74.0#



#29
Tetrahydrofuran
Concen: 2.331 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.018 min
Lab File: VX038883.D
Acq: 17 Nov 2023 16:15

Tgt Ion:	42	Resp:	2517
Ion	Ratio	Lower	Upper
42	100		
72	71.8	34.2	51.4#
71	88.0	32.2	48.2#

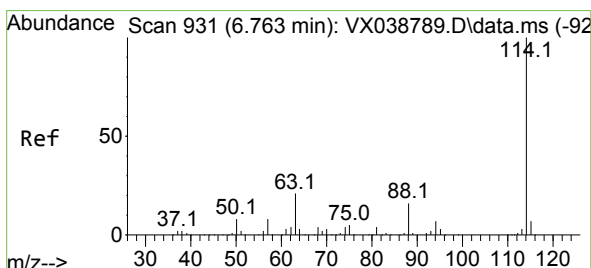
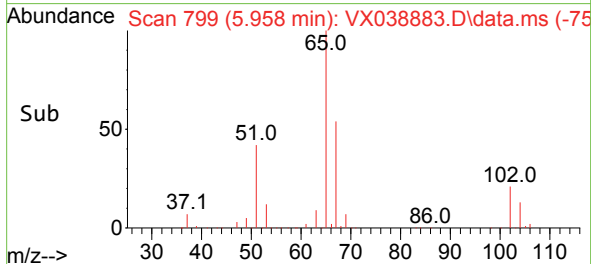
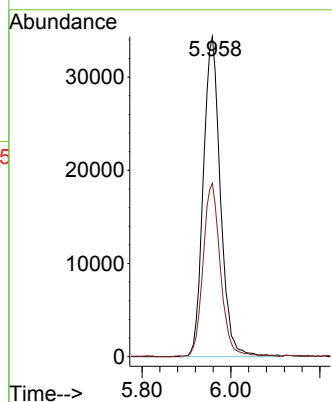
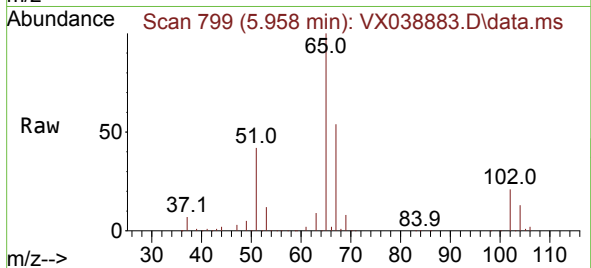




#33
 1,2-Dichloroethane-d4
 Concen: 46.760 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038883.D
 Acq: 17 Nov 2023 16:15

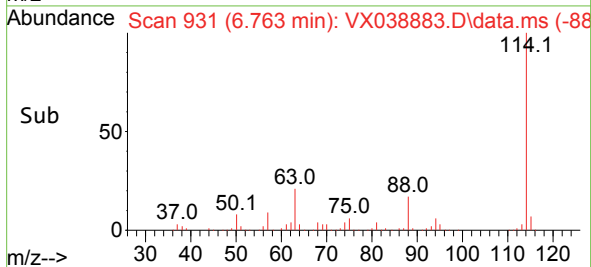
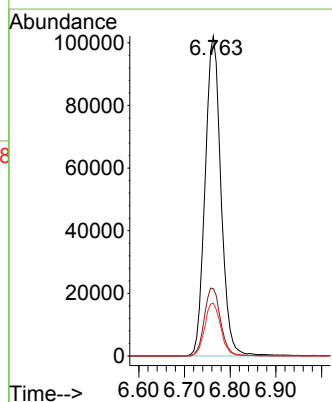
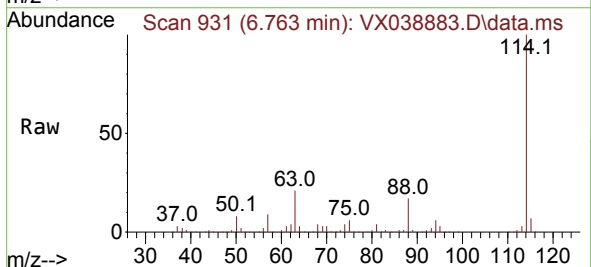
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20231112

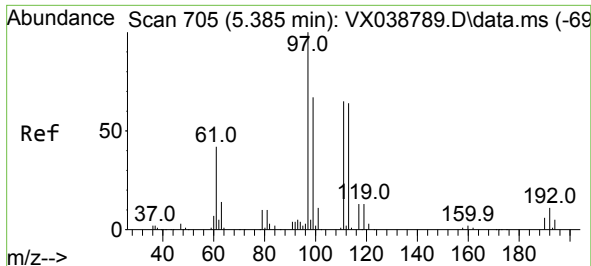
Tgt Ion: 65 Resp: 92122
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038883.D
 Acq: 17 Nov 2023 16:15

Tgt Ion:114 Resp: 245553
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 45.0
 88 16.5 0.0 36.6

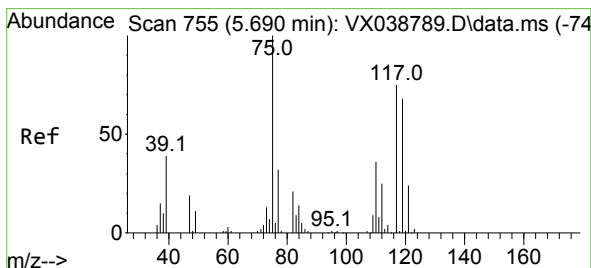
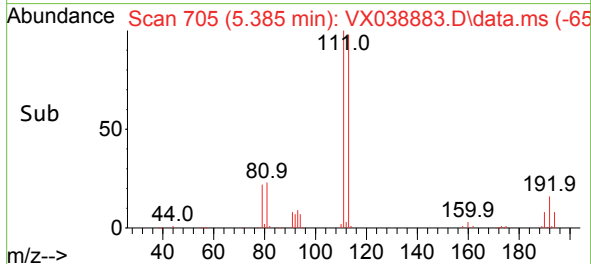
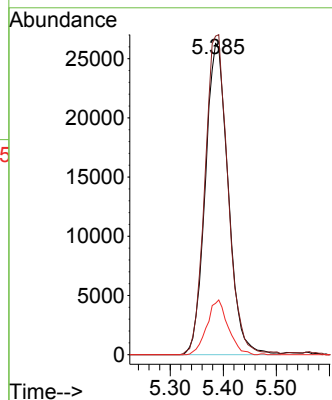
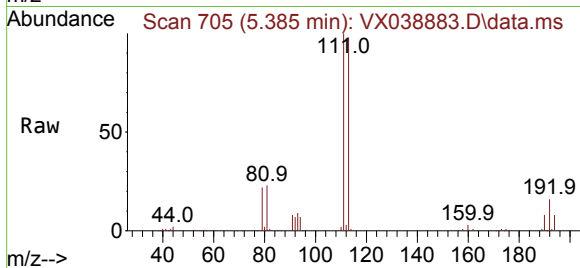




#35
Dibromofluoromethane
Concen: 44.491 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038883.D
Acq: 17 Nov 2023 16:15

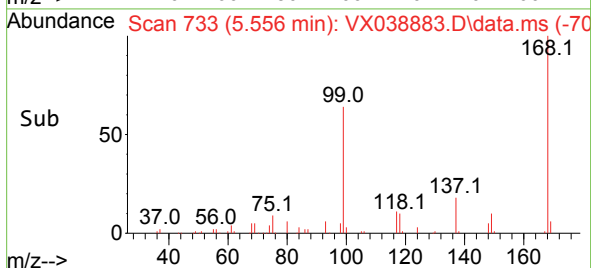
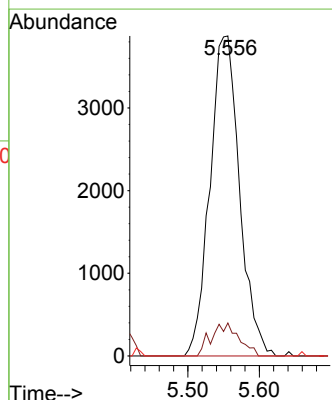
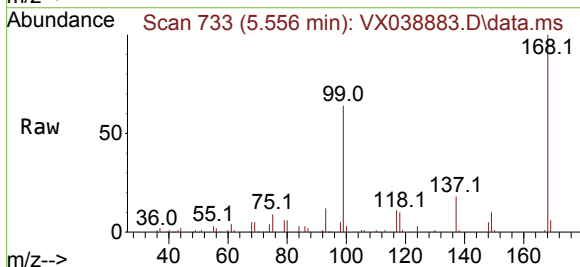
Instrument :
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ClientSampleId :
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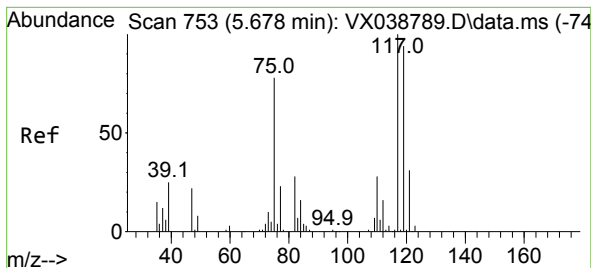
Tgt Ion:113 Resp: 78903
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 16.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.380 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX038883.D
Acq: 17 Nov 2023 16:15

Tgt Ion: 75 Resp: 11134
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.547 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.122 min

Lab File: VX038883.D

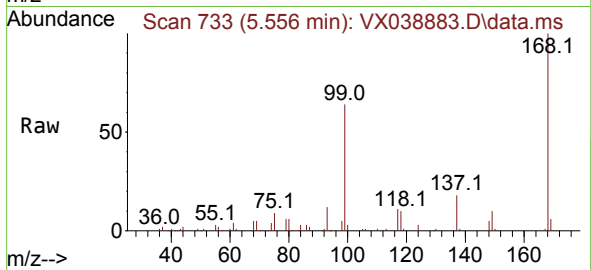
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Instrument :

MSVOA_X

ClientSampleId :

DUP04-20231112



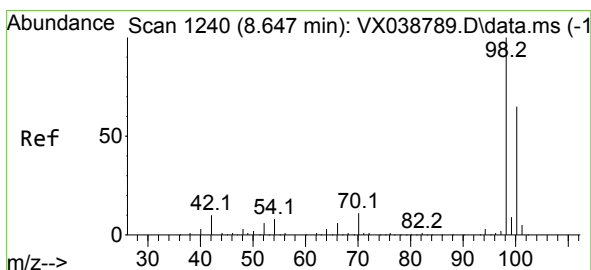
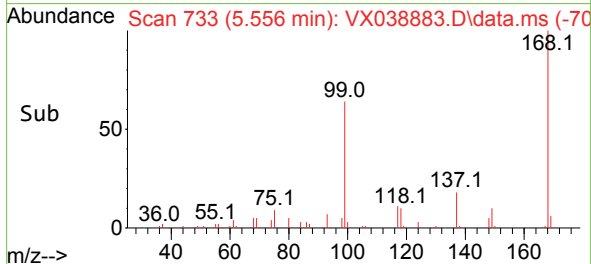
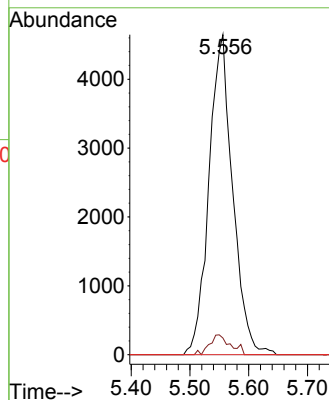
Tgt Ion:117 Resp: 13030

Ion Ratio Lower Upper

117 100

119 5.2 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 46.056 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038883.D

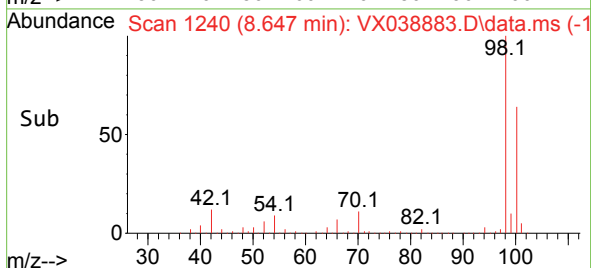
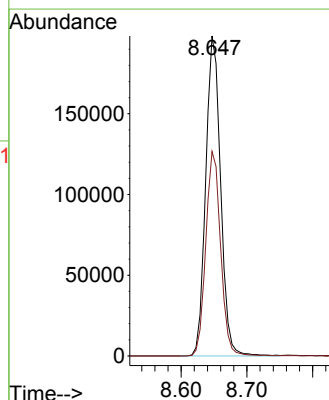
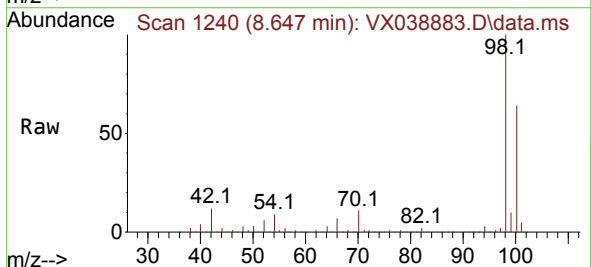
Acq: 17 Nov 2023 16:15

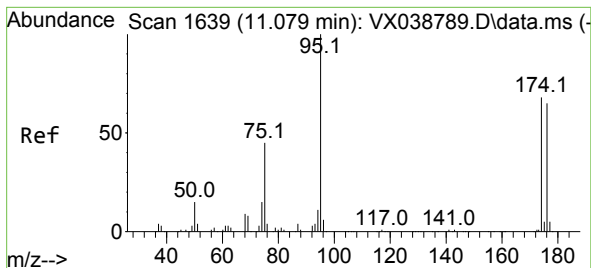
Tgt Ion: 98 Resp: 312504

Ion Ratio Lower Upper

98 100

100 63.9 53.1 79.7

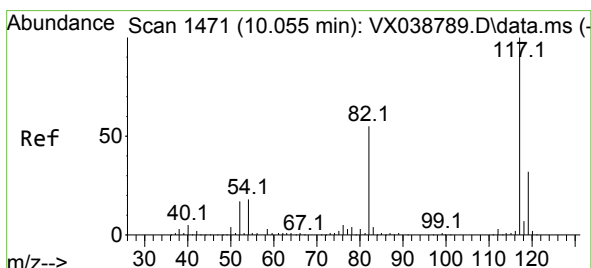
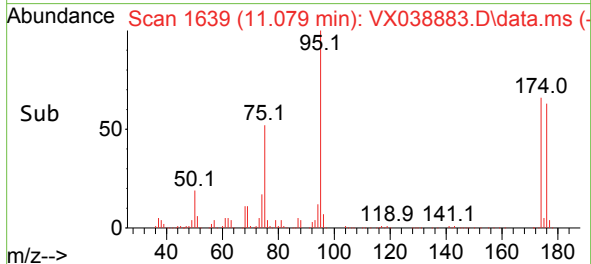
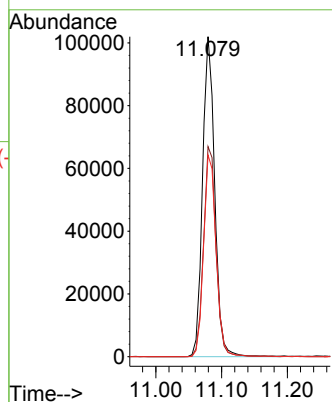
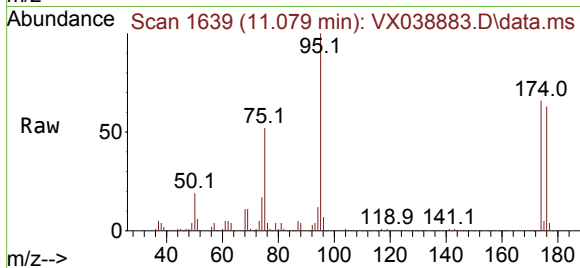




#62
4-Bromofluorobenzene
Concen: 48.299 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038883.D
Acq: 17 Nov 2023 16:15

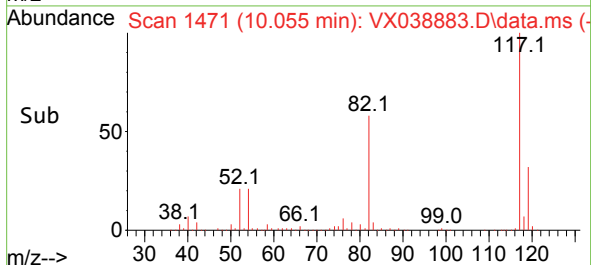
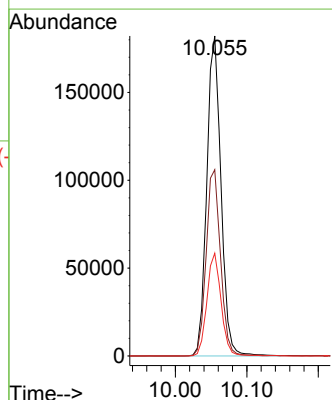
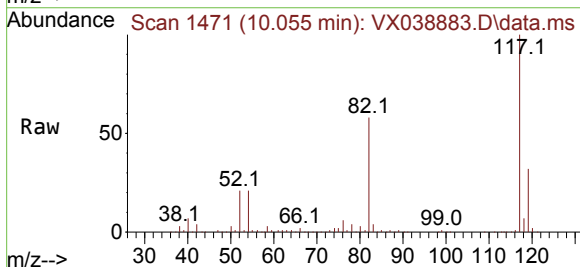
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20231112

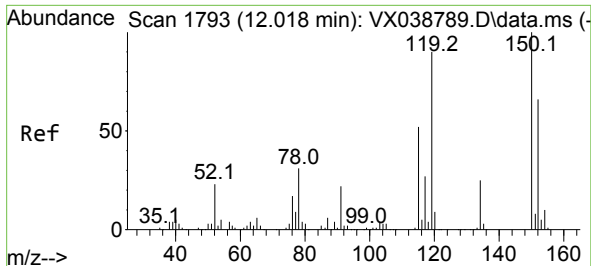
Tgt Ion: 95 Resp: 131190
Ion Ratio Lower Upper
95 100
174 66.8 0.0 135.6
176 65.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038883.D
Acq: 17 Nov 2023 16:15

Tgt Ion: 117 Resp: 251358
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.4
119 32.1 25.5 38.3

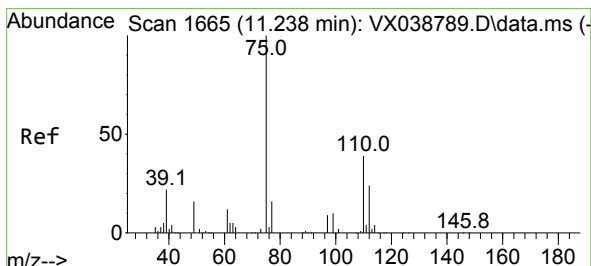
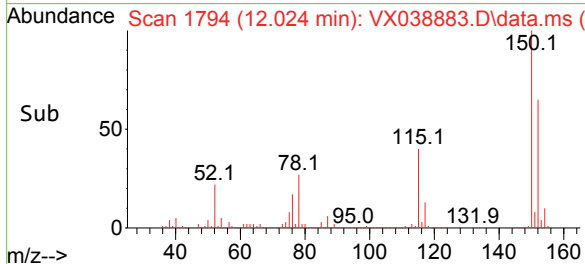
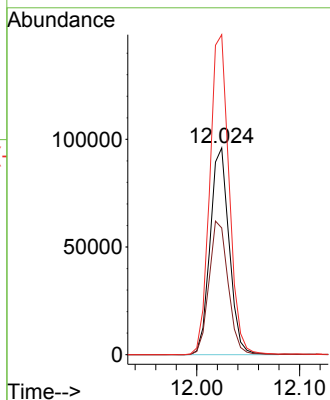
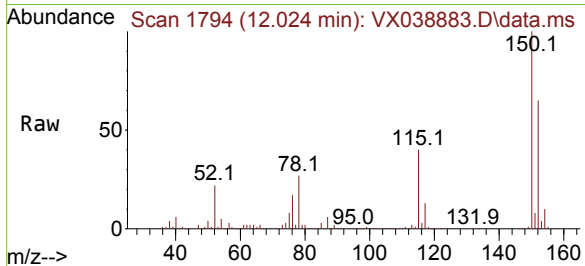




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: VX038883.D
 Acq: 17 Nov 2023 16:15

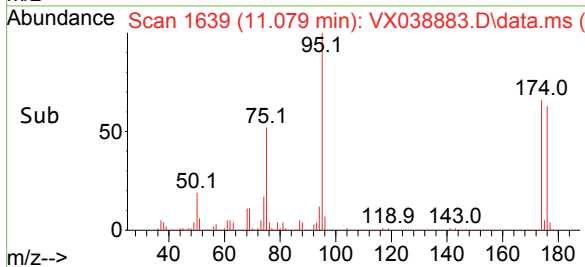
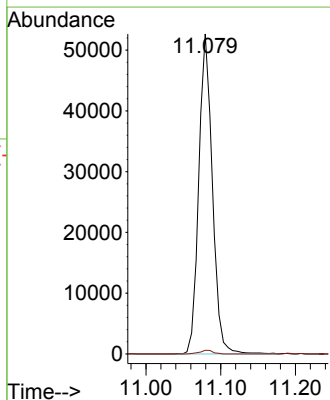
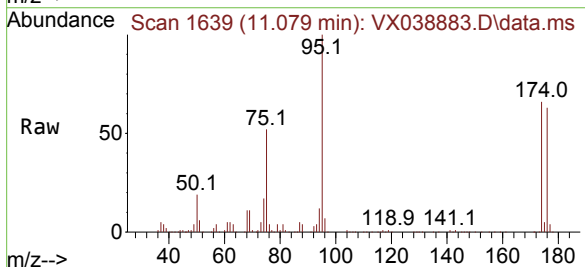
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20231112

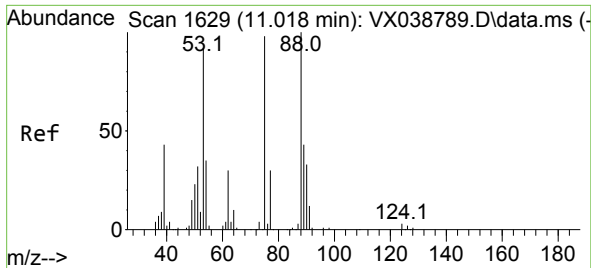
Tgt Ion:152 Resp: 123524
 Ion Ratio Lower Upper
 152 100
 115 65.0 43.3 129.9
 150 157.7 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 21.570 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX038883.D
 Acq: 17 Nov 2023 16:15

Tgt Ion: 75 Resp: 66476
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 47.844 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX038883.D
Acq: 17 Nov 2023 16:15

Instrument :
MSVOA_X
ClientSampleId :
DUP04-20231112

Tgt Ion: 75 Resp: 66476
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

