

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
 Data File : VX037435.D
 Acq On : 31 Aug 2023 17:06
 Operator : JC/MD
 Sample : 04128-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP09-20230822

Quant Time: Sep 01 03:14:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	138880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	228017	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87224	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84047	41.977	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.960%
35) Dibromofluoromethane	5.385	113	69663	46.131	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.260%
50) Toluene-d8	8.647	98	268216	48.965	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.920%
62) 4-Bromofluorobenzene	11.079	95	93612	43.487	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.980%

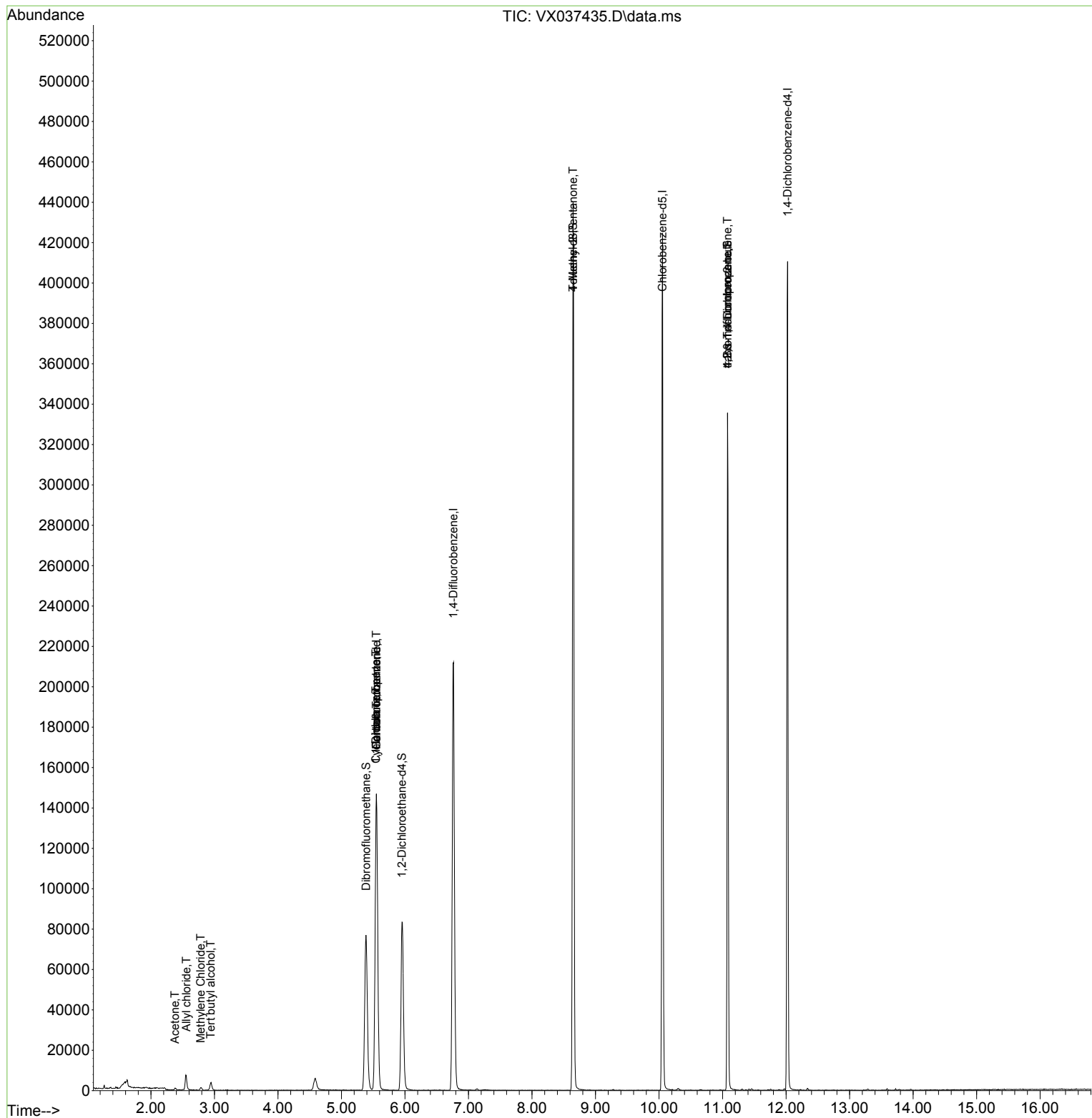
Target Compounds				Qvalue		
11) Tert butyl alcohol	2.940	59	2523	5.372	ug/l #	78
14) Allyl chloride	2.556	41	820	0.371	ug/l #	69
16) Acetone	2.380	43	1116	1.425	ug/l	96
20) Methylene Chloride	2.782	84	732	0.418	ug/l	95
31) Cyclohexane	5.544	56	2621	1.164	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	10616	4.948	ug/l #	51
38) Carbon Tetrachloride	5.550	117	14561	6.248	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	964	0.456	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	46175	24.857	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	46175	69.428	ug/l #	5

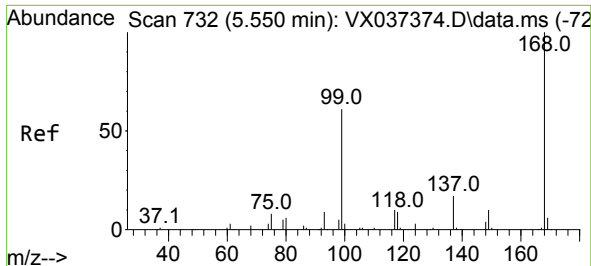
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

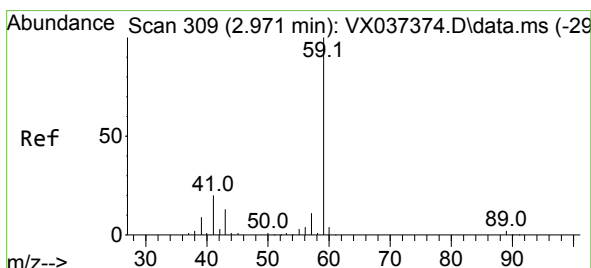
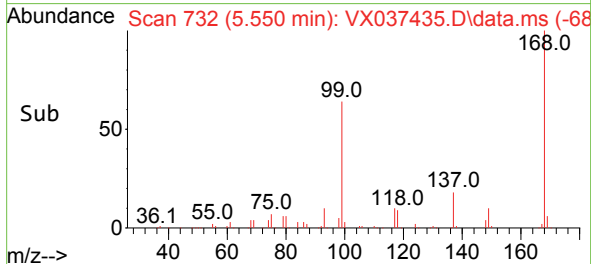
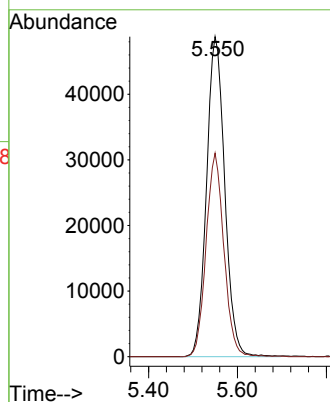
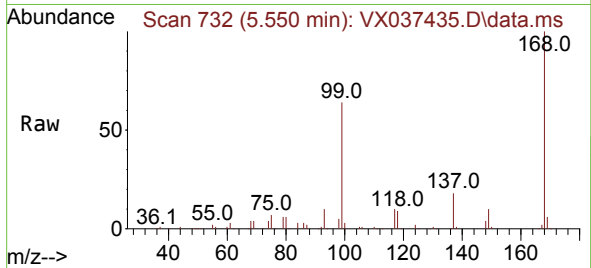




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037435.D
Acq: 31 Aug 2023 17:06

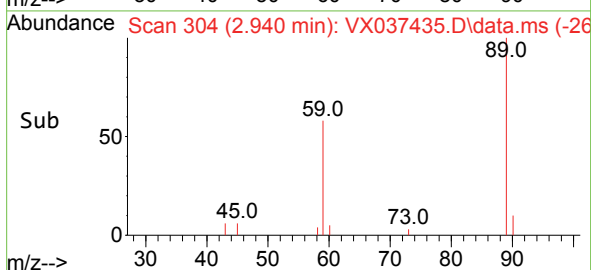
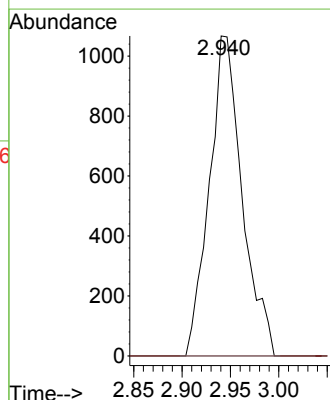
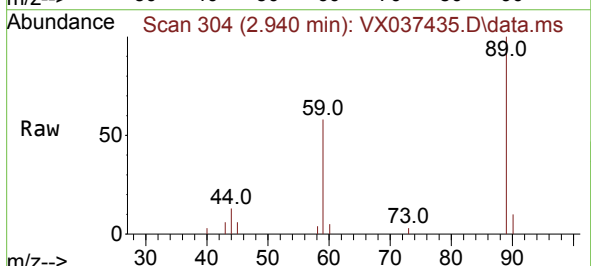
Instrument :
MSVOA_X
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DUP09-20230822

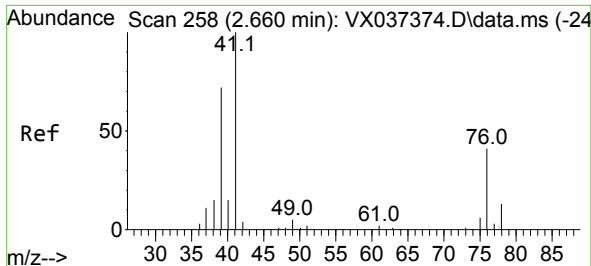
Tgt Ion:168 Resp: 138880
Ion Ratio Lower Upper
168 100
99 63.6 56.6 85.0



#11
Tert butyl alcohol
Concen: 5.372 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.037 min
Lab File: VX037435.D
Acq: 31 Aug 2023 17:06

Tgt Ion: 59 Resp: 2523
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

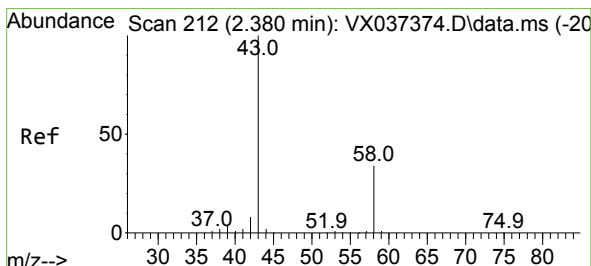
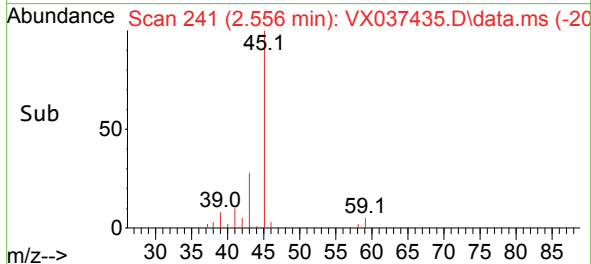
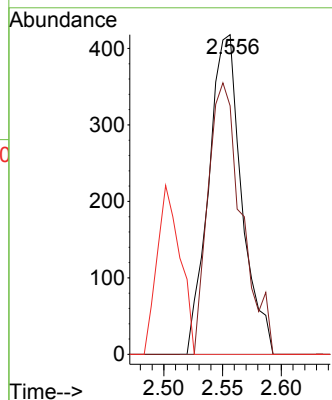
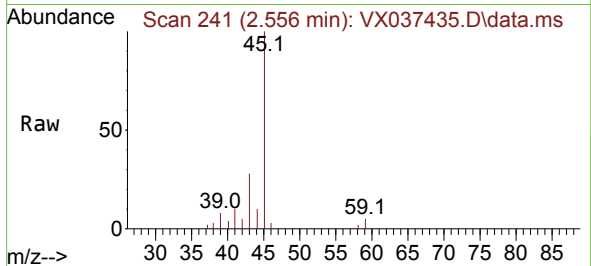




#14
 Allyl chloride
 Concen: 0.371 ug/l
 RT: 2.556 min Scan# 241
 Delta R.T. -0.104 min
 Lab File: VX037435.D
 Acq: 31 Aug 2023 17:06

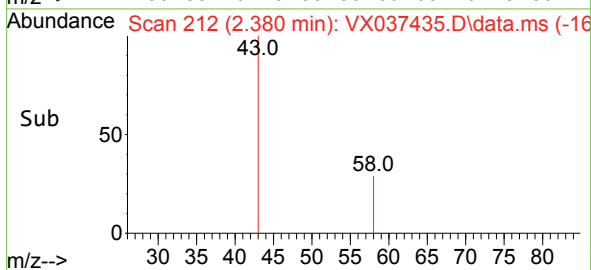
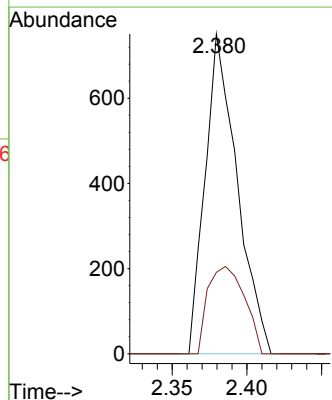
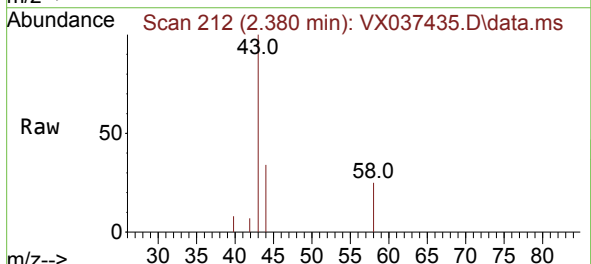
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP09-20230822

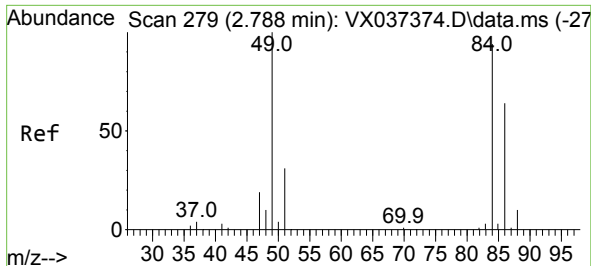
Tgt Ion: 41 Resp: 820
 Ion Ratio Lower Upper
 41 100
 39 86.2 55.8 83.6#
 76 0.0 24.3 36.5#



#16
 Acetone
 Concen: 1.425 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.006 min
 Lab File: VX037435.D
 Acq: 31 Aug 2023 17:06

Tgt Ion: 43 Resp: 1116
 Ion Ratio Lower Upper
 43 100
 58 25.4 21.9 32.9





#20

Methylene Chloride

Concen: 0.418 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX037435.D

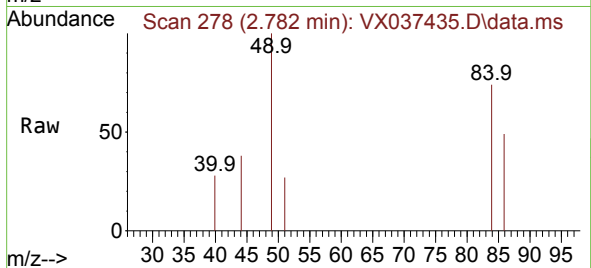
Acq: 31 Aug 2023 17:06

Instrument :

MSVOA_X

ClientSampleId :

DUP09-20230822



Tgt Ion: 84 Resp: 732

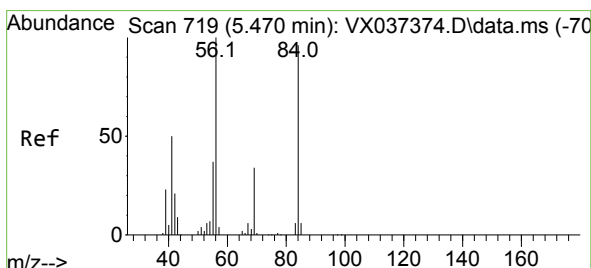
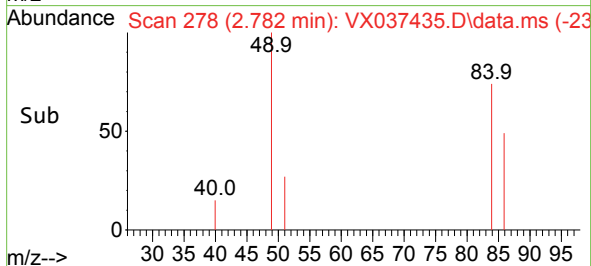
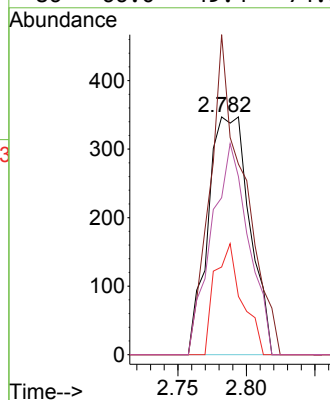
Ion Ratio Lower Upper

84 100

49 134.6 103.6 155.4

51 36.9 33.8 50.6

86 66.0 49.4 74.0



#31

Cyclohexane

Concen: 1.164 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX037435.D

Acq: 31 Aug 2023 17:06

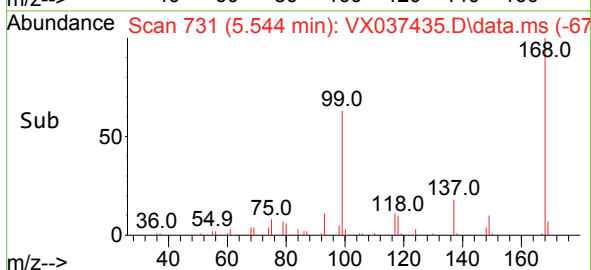
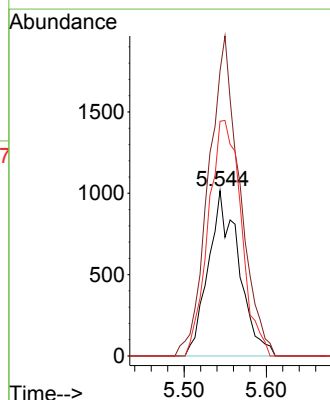
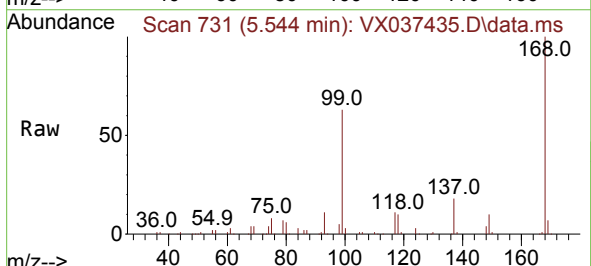
Tgt Ion: 56 Resp: 2621

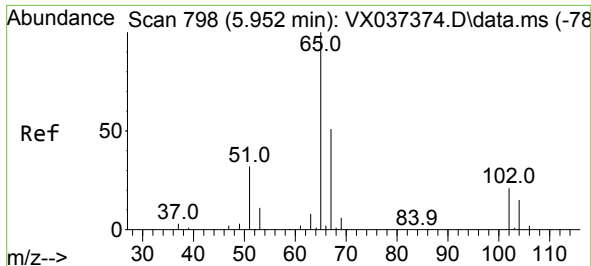
Ion Ratio Lower Upper

56 100

69 172.5 23.4 35.2#

84 142.0 65.9 98.9#

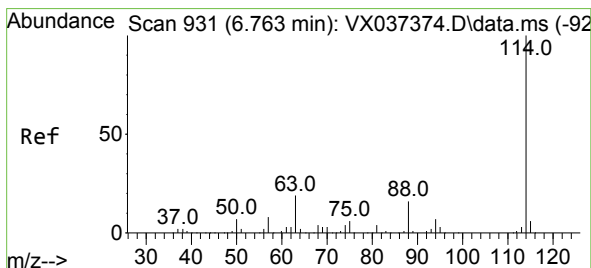
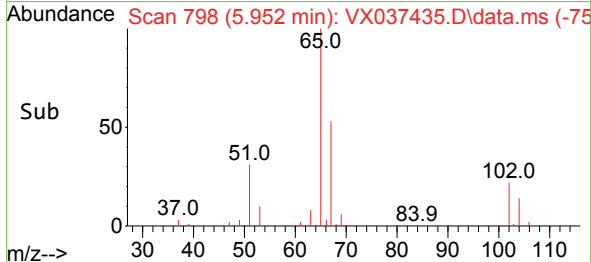
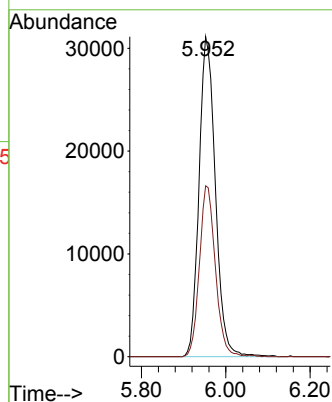
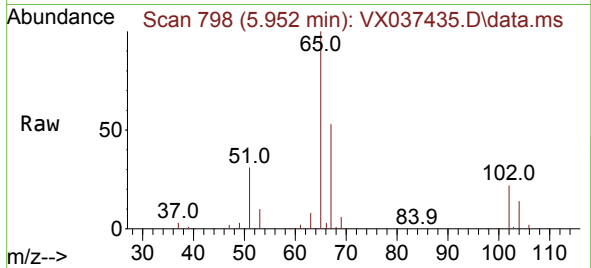




#33
 1,2-Dichloroethane-d4
 Concen: 41.977 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: VX037435.D
 Acq: 31 Aug 2023 17:06

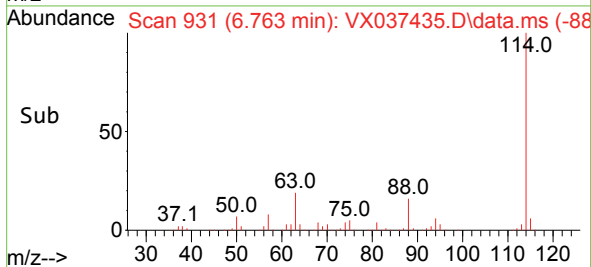
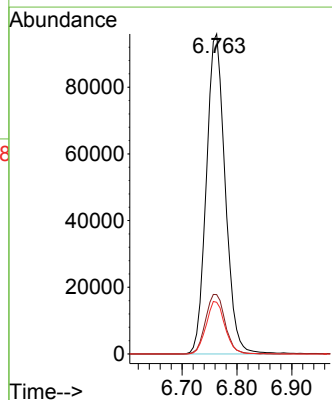
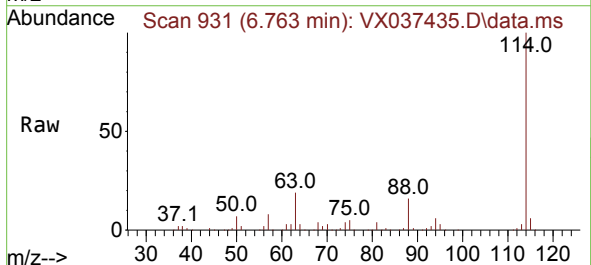
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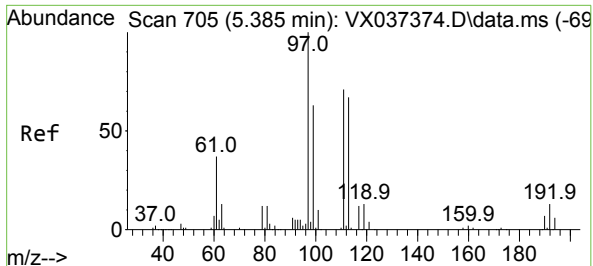
Tgt Ion: 65 Resp: 84047
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX037435.D
 Acq: 31 Aug 2023 17:06

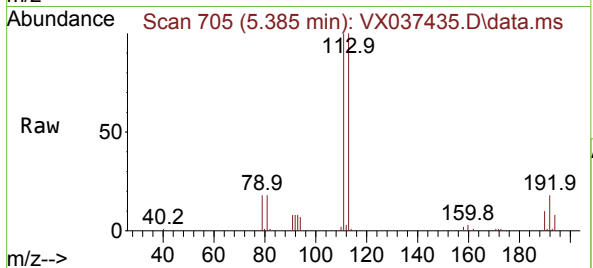
Tgt Ion: 114 Resp: 228017
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 45.0
 88 16.2 0.0 36.6



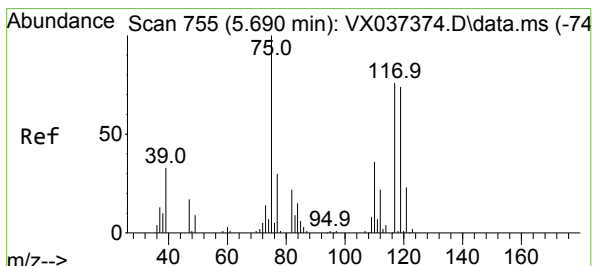
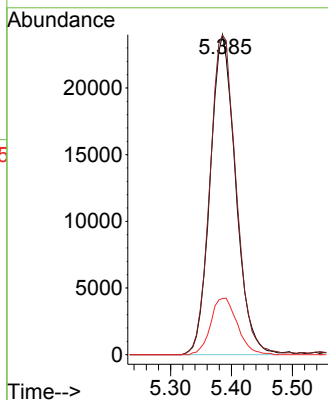
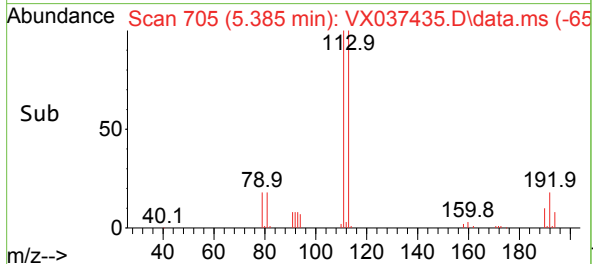


#35
Dibromofluoromethane
Concen: 46.131 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037435.D
Acq: 31 Aug 2023 17:06

Instrument :
MSVOA_X
ClientSampleId :
DUP09-20230822

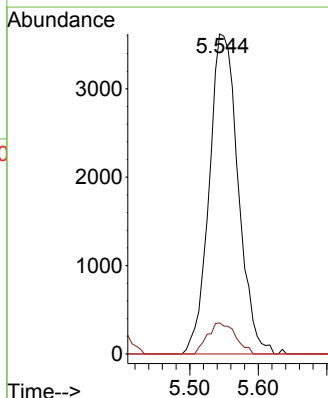
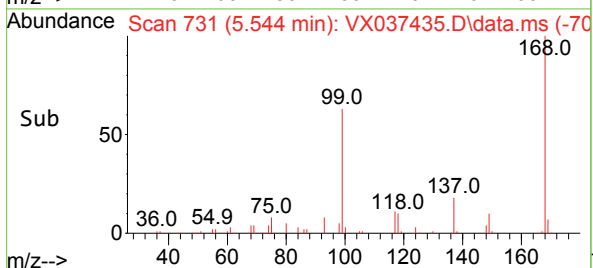
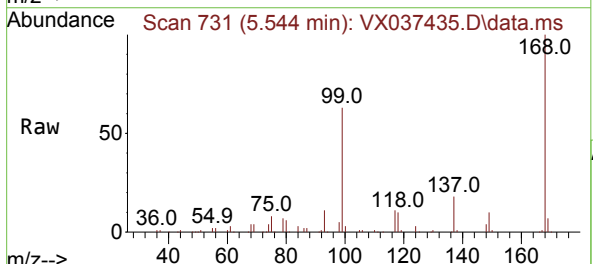


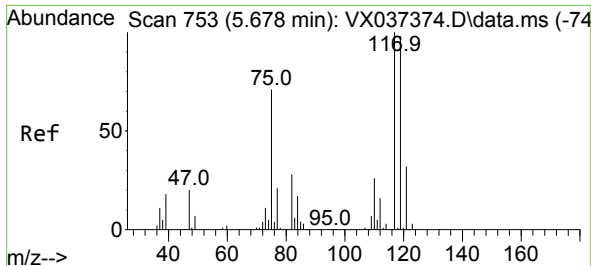
Tgt Ion:113 Resp: 69663
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.948 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX037435.D
Acq: 31 Aug 2023 17:06

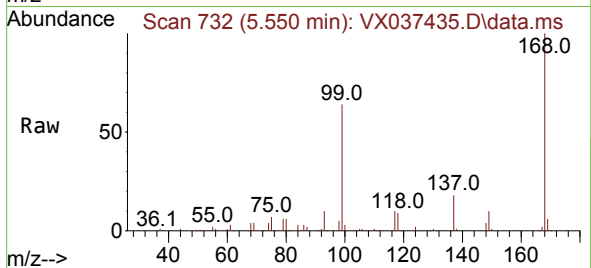
Tgt Ion: 75 Resp: 10616
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



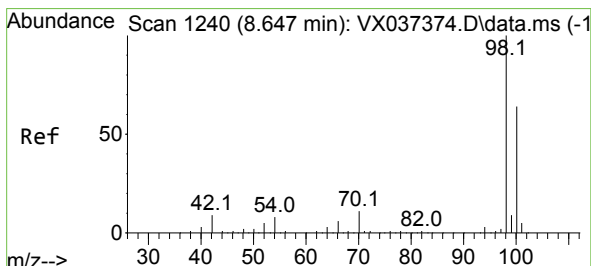
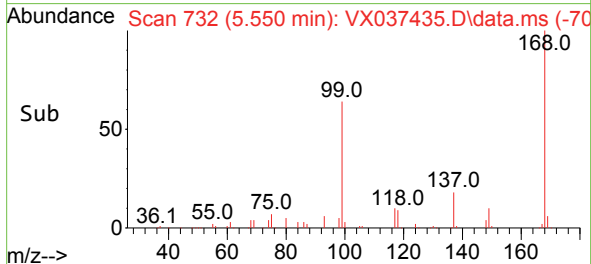
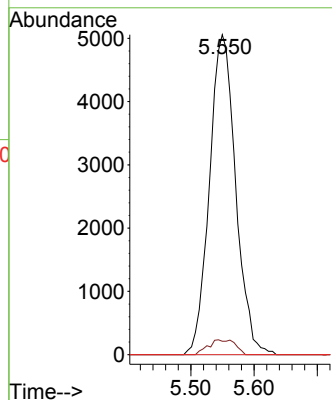


#38
Carbon Tetrachloride
Concen: 6.248 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037435.D
Acq: 31 Aug 2023 17:06

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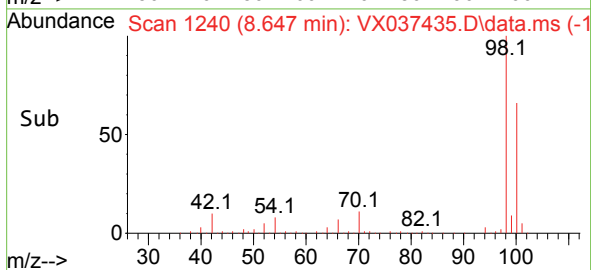
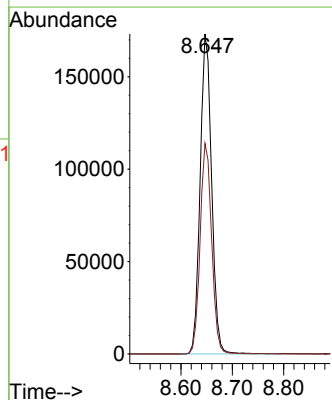
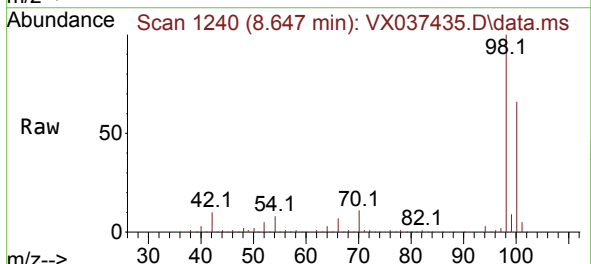


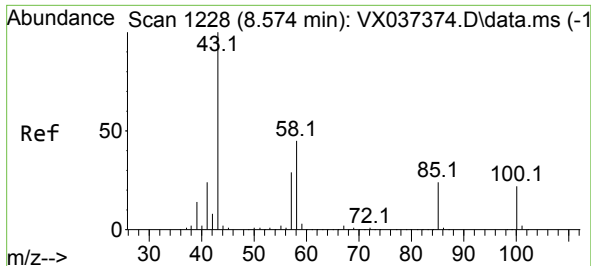
Tgt Ion:117 Resp: 14561
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.965 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037435.D
Acq: 31 Aug 2023 17:06

Tgt Ion: 98 Resp: 268216
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7

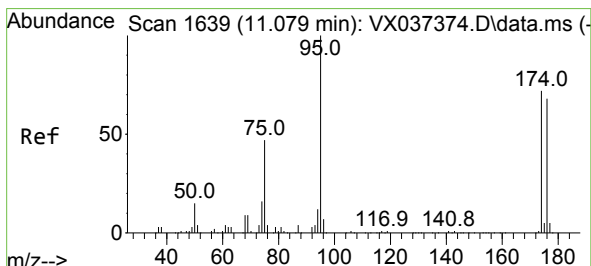
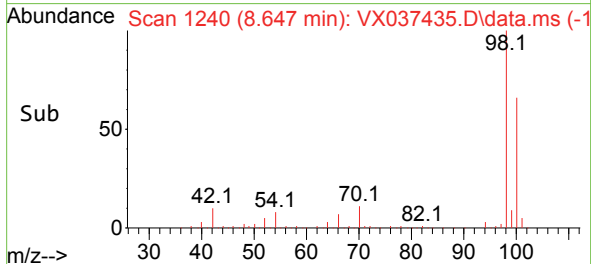
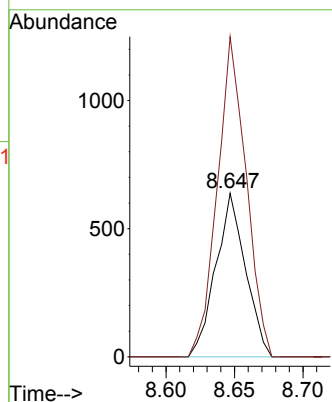
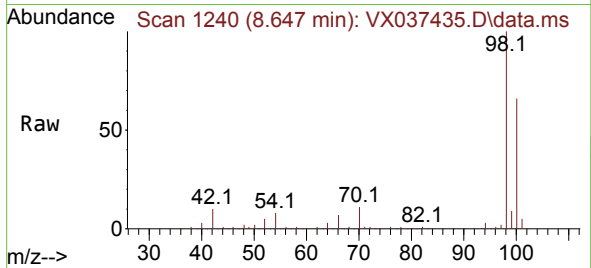




#51
4-Methyl-2-Pentanone
Concen: 0.456 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037435.D
Acq: 31 Aug 2023 17:06

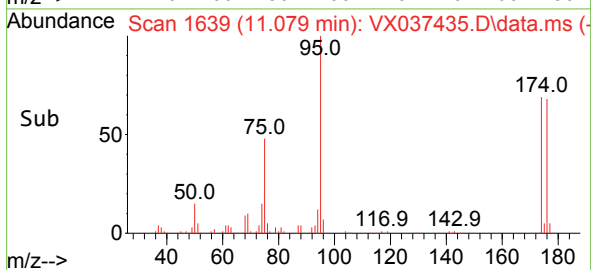
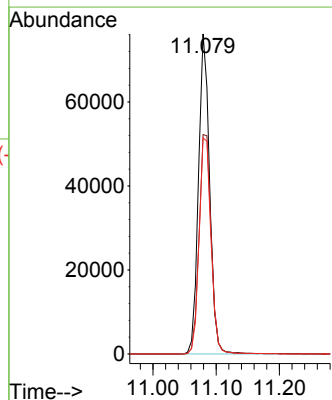
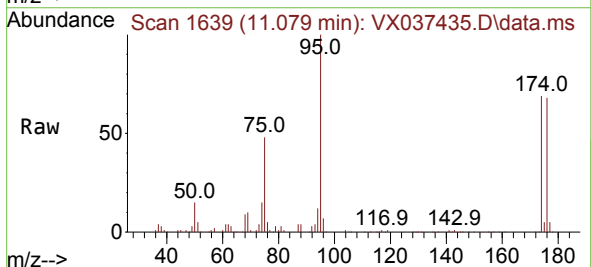
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20230822

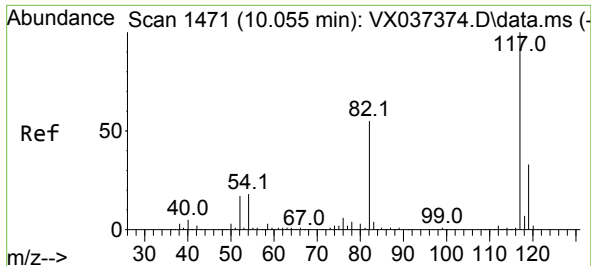
Tgt Ion: 43 Resp: 964
Ion Ratio Lower Upper
43 100
58 189.8 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 43.487 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037435.D
Acq: 31 Aug 2023 17:06

Tgt Ion: 95 Resp: 93612
Ion Ratio Lower Upper
95 100
174 74.5 0.0 135.6
176 72.1 0.0 131.0

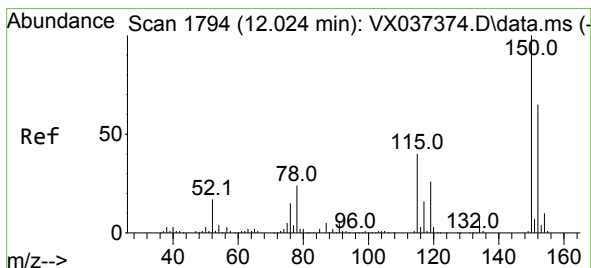
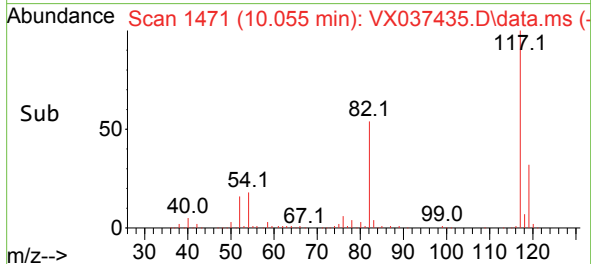
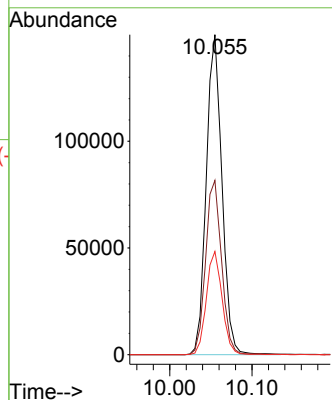
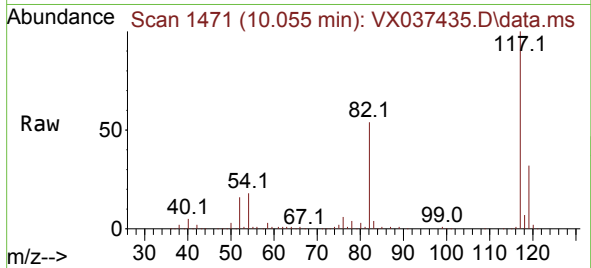




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037435.D
Acq: 31 Aug 2023 17:06

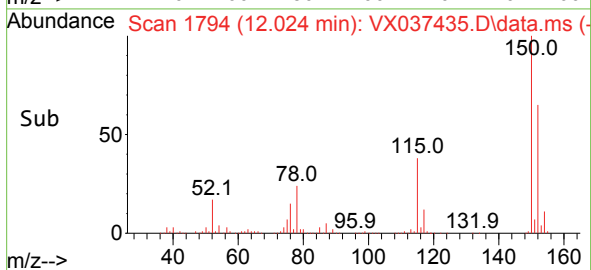
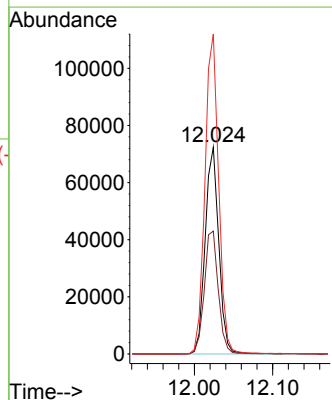
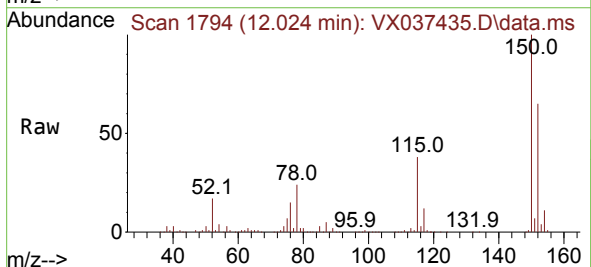
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MSVOA_X
ClientSampleId :
DUP09-20230822

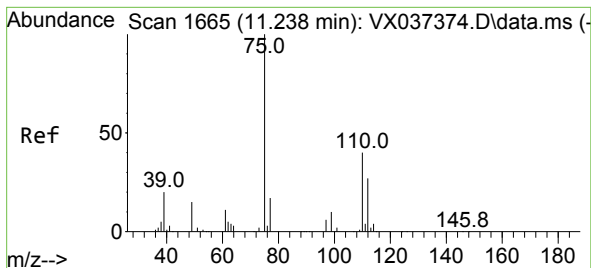
Tgt Ion:117 Resp: 198937
Ion Ratio Lower Upper
117 100
82 54.5 46.2 69.4
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037435.D
Acq: 31 Aug 2023 17:06

Tgt Ion:152 Resp: 87224
Ion Ratio Lower Upper
152 100
115 61.2 43.3 129.9
150 156.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.857 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037435.D

Acq: 31 Aug 2023 17:06

Instrument :

MSVOA_X

ClientSampleId :

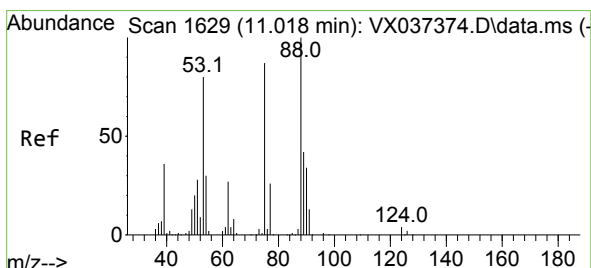
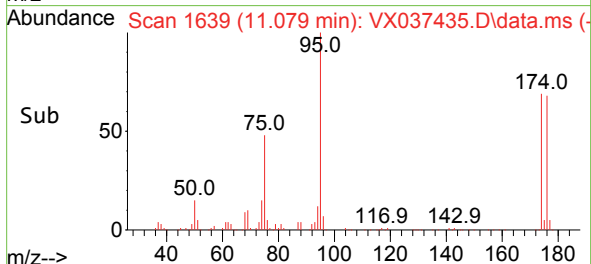
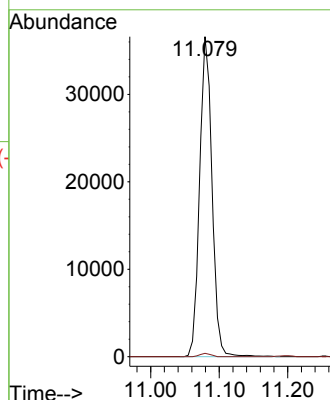
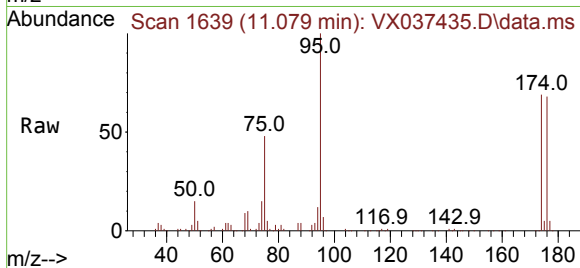
DUP09-20230822

Tgt Ion: 75 Resp: 46175

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.428 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037435.D

Acq: 31 Aug 2023 17:06

Tgt Ion: 75 Resp: 46175

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

