

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037245.D
 Acq On : 25 Aug 2023 03:59
 Operator : JC/MD
 Sample : 04096-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 25 07:45:18 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	155325	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	256997	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103906	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	96706	43.186	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.380%
35) Dibromofluoromethane	5.385	113	78459	46.097	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.200%
50) Toluene-d8	8.647	98	301225	48.790	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.580%
62) 4-Bromofluorobenzene	11.079	95	113063	46.600	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.200%

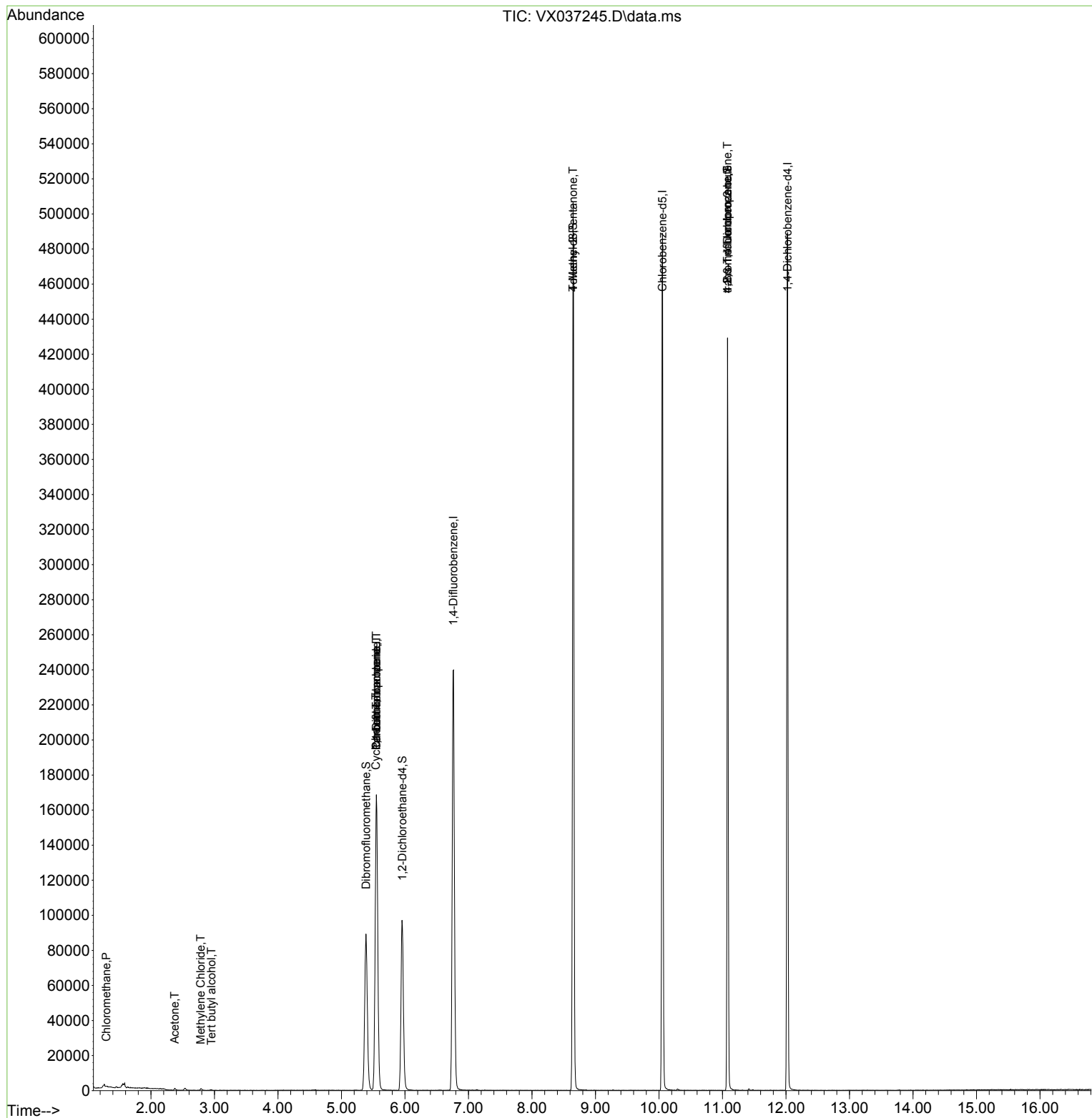
Target Compounds					Qvalue	
3) Chloromethane	1.295	50	445	0.282	ug/l #	43
11) Tert butyl alcohol	2.953	59	145	0.276	ug/l #	78
16) Acetone	2.374	43	999	1.140	ug/l #	77
20) Methylene Chloride	2.782	84	517	0.264	ug/l #	74
31) Cyclohexane	5.544	56	2855	1.134	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	12257	5.069	ug/l #	51
38) Carbon Tetrachloride	5.550	117	16723	6.366	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1247	0.524	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	57068	25.789	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	57068	72.031	ug/l #	5

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

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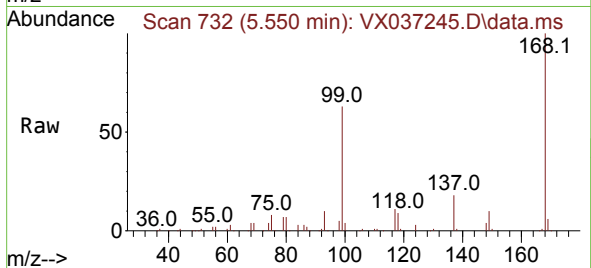
Quant Time: Aug 25 07:45:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



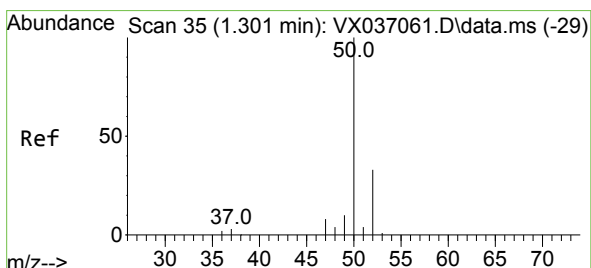
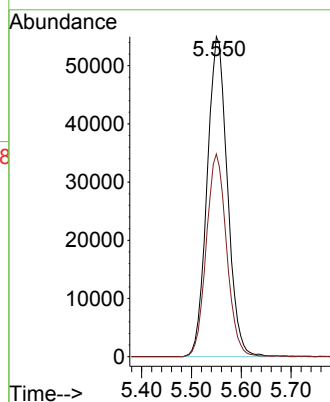
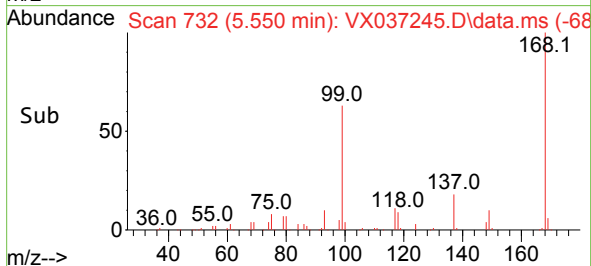


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037245.D
Acq: 25 Aug 2023 03:59

Instrument :
MSVOA_X
ClientSampleId :

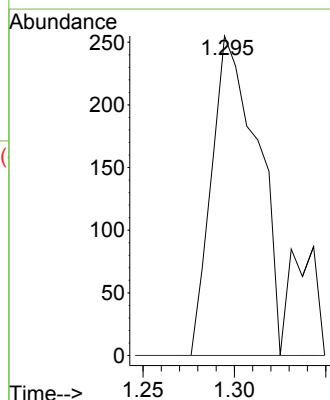
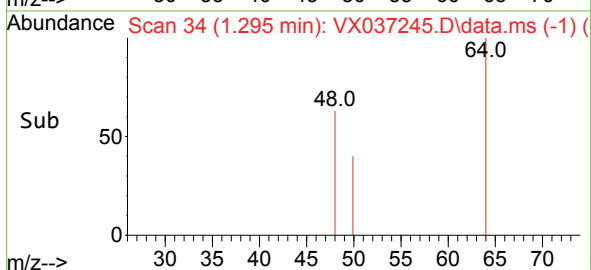
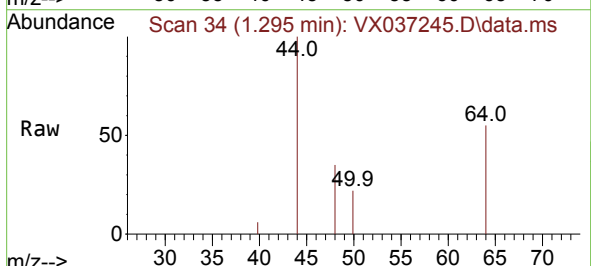


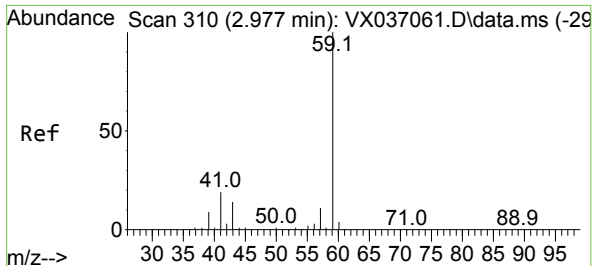
Tgt Ion:168 Resp: 155325
Ion Ratio Lower Upper
168 100
99 63.3 56.6 85.0



#3
Chloromethane
Concen: 0.282 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037245.D
Acq: 25 Aug 2023 03:59

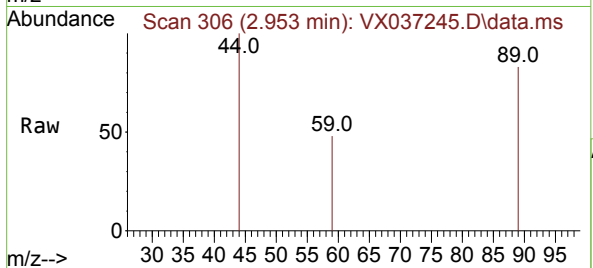
Tgt Ion: 50 Resp: 445
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



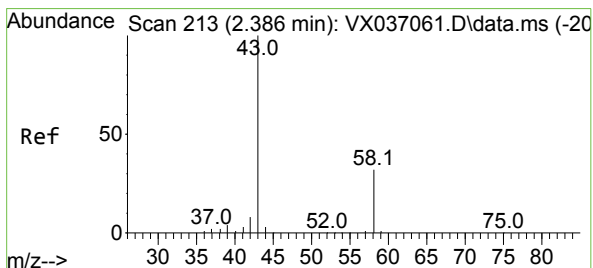
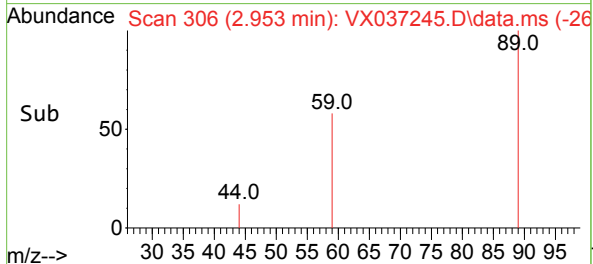
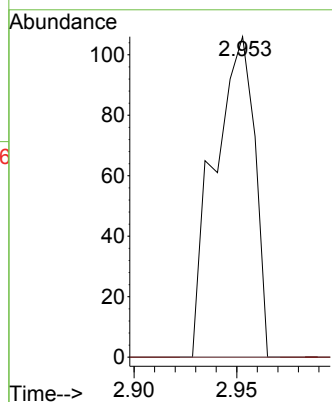


#11
Tert butyl alcohol
Concen: 0.276 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX037245.D
Acq: 25 Aug 2023 03:59

Instrument :
MSVOA_X
ClientSampleId :

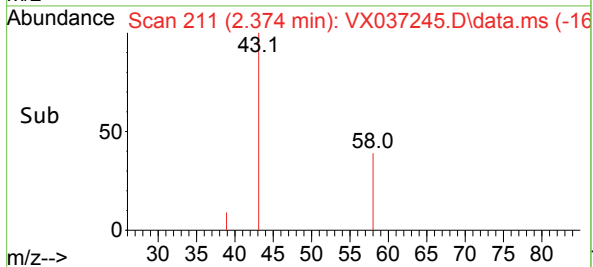
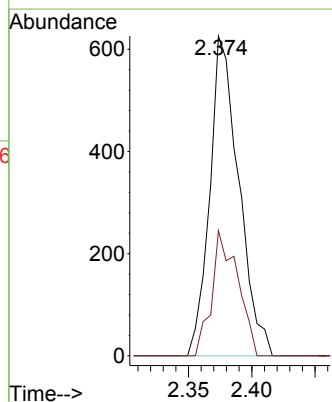
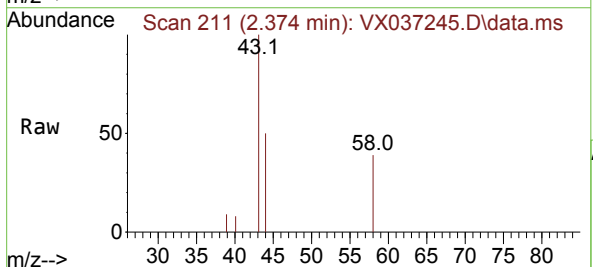


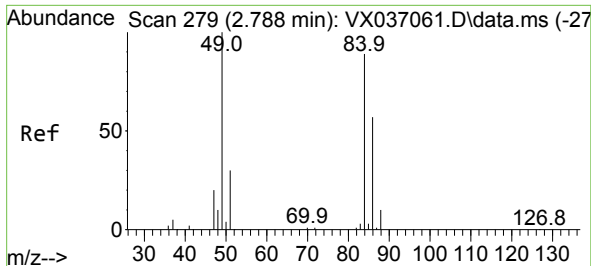
Tgt Ion: 59 Resp: 145
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 1.140 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.012 min
Lab File: VX037245.D
Acq: 25 Aug 2023 03:59

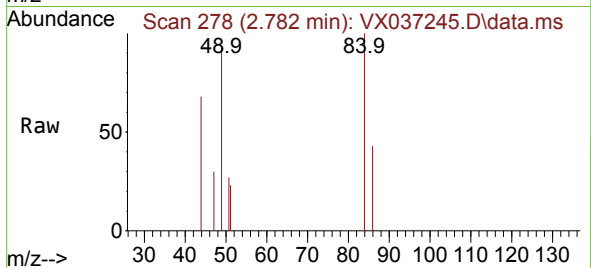
Tgt Ion: 43 Resp: 999
Ion Ratio Lower Upper
43 100
58 39.1 21.9 32.9#





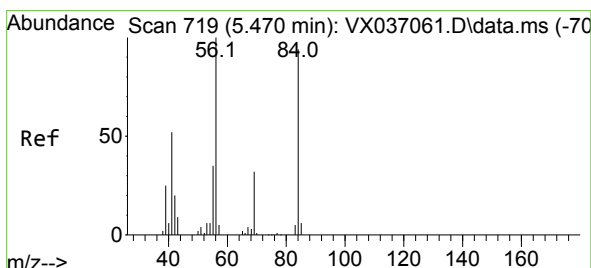
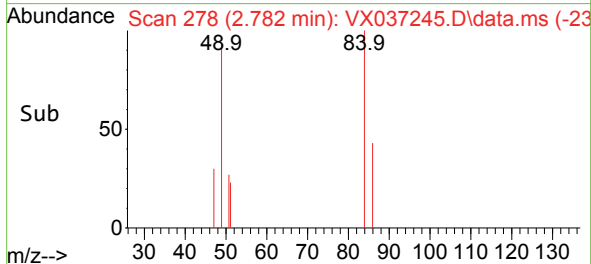
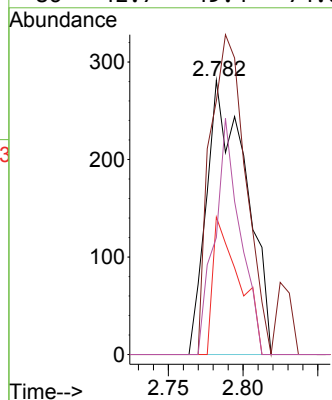
#20
Methylene Chloride
Concen: 0.264 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX037245.D
Acq: 25 Aug 2023 03:59

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 517

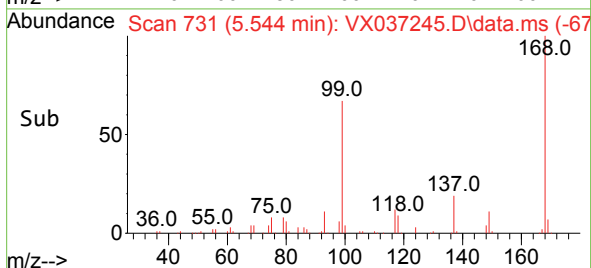
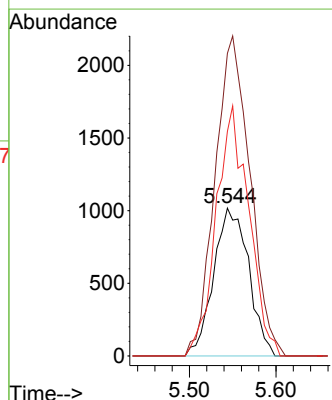
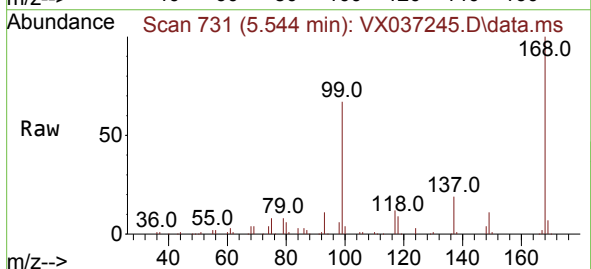
Ion	Ratio	Lower	Upper
84	100		
49	92.5	103.6	155.4#
51	50.2	33.8	50.6
86	42.7	49.4	74.0#

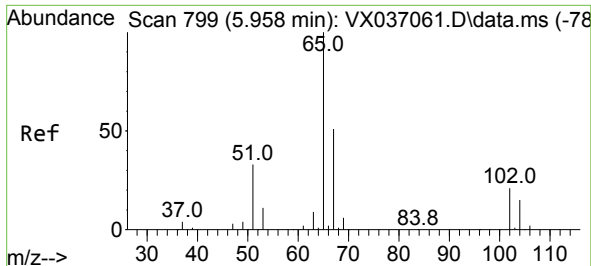


#31
Cyclohexane
Concen: 1.134 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX037245.D
Acq: 25 Aug 2023 03:59

Tgt Ion: 56 Resp: 2855

Ion	Ratio	Lower	Upper
56	100		
69	204.7	23.4	35.2#
84	151.9	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 43.186 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037245.D

Acq: 25 Aug 2023 03:59

Instrument :

MSVOA_X

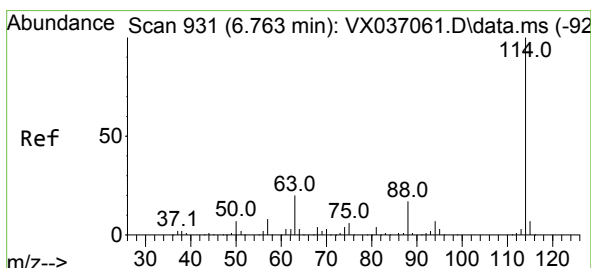
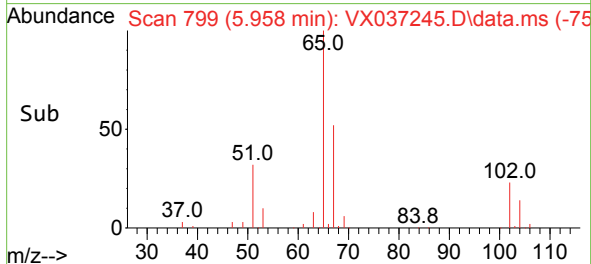
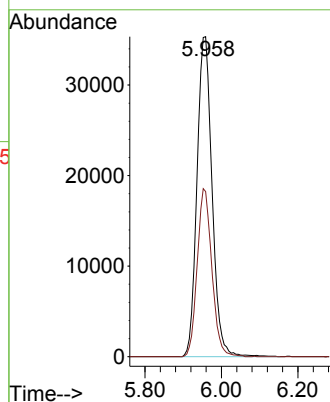
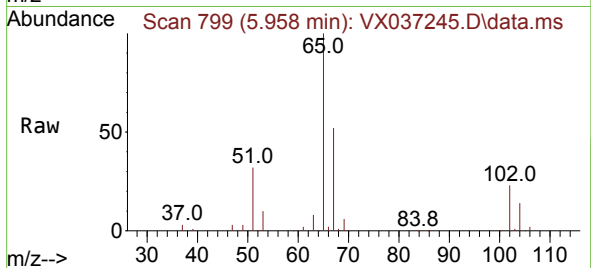
ClientSampleId :

Tgt Ion: 65 Resp: 96706

Ion Ratio Lower Upper

65 100

67 51.0 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: VX037245.D

Acq: 25 Aug 2023 03:59

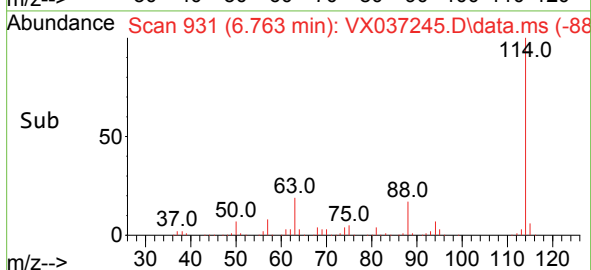
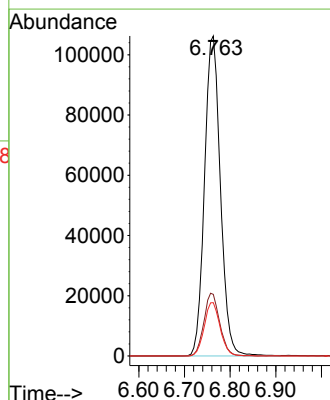
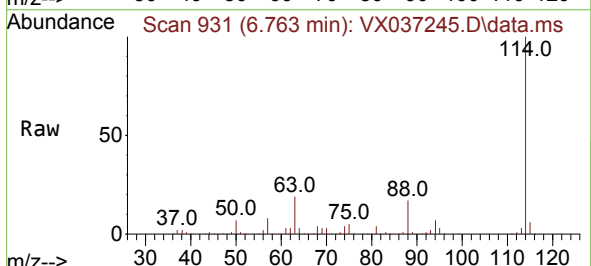
Tgt Ion: 114 Resp: 256997

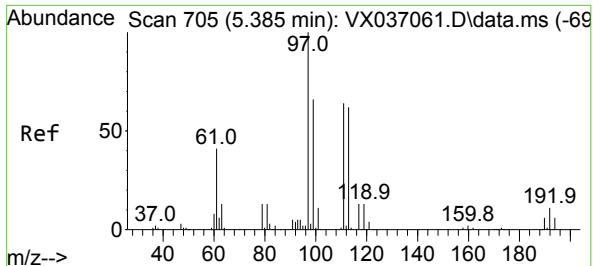
Ion Ratio Lower Upper

114 100

63 19.2 0.0 45.0

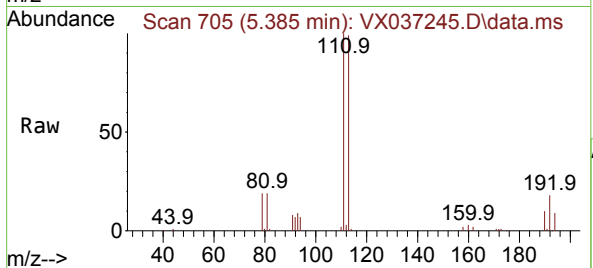
88 16.7 0.0 36.6



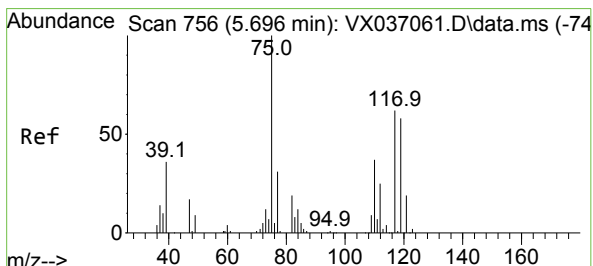
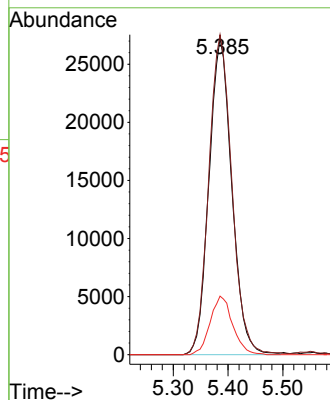
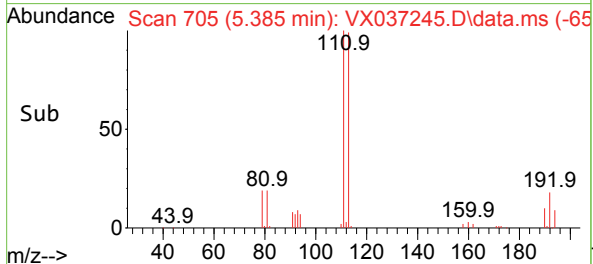


#35
Dibromofluoromethane
Concen: 46.097 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037245.D
Acq: 25 Aug 2023 03:59

Instrument :
MSVOA_X
ClientSampleId :

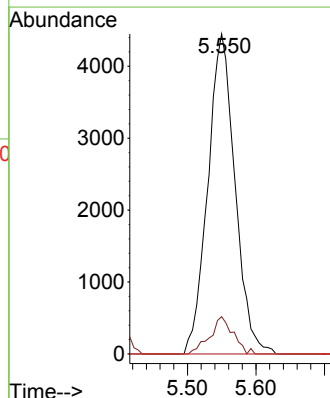
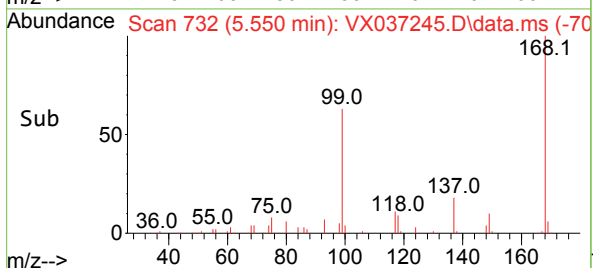
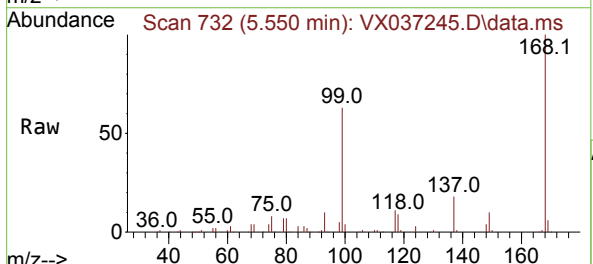


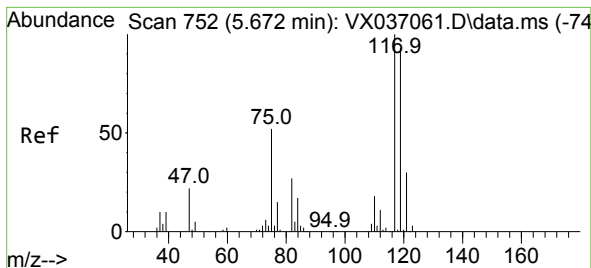
Tgt Ion:113 Resp: 78459
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 18.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.069 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037245.D
Acq: 25 Aug 2023 03:59

Tgt Ion: 75 Resp: 12257
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.366 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.122 min

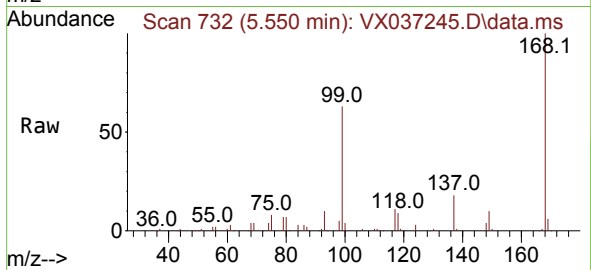
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Acq: 25 Aug 2023 03:59

Instrument :

MSVOA_X

ClientSampleId :



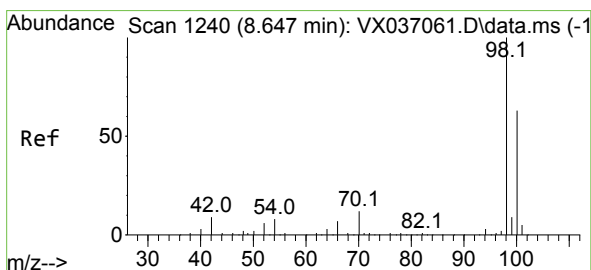
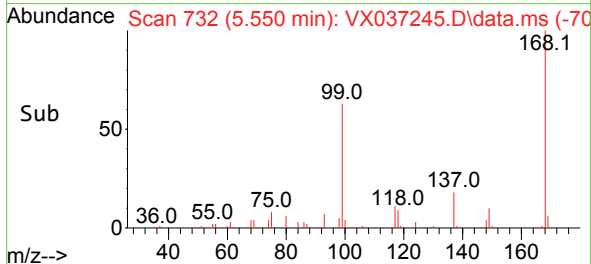
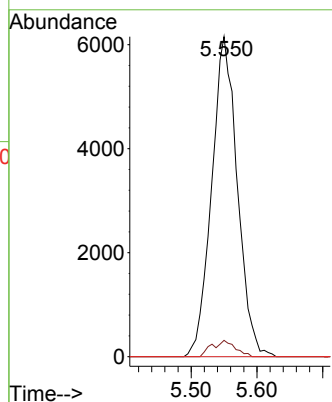
Tgt Ion:117 Resp: 16723

Ion Ratio Lower Upper

117 100

119 5.1 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 48.790 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037245.D

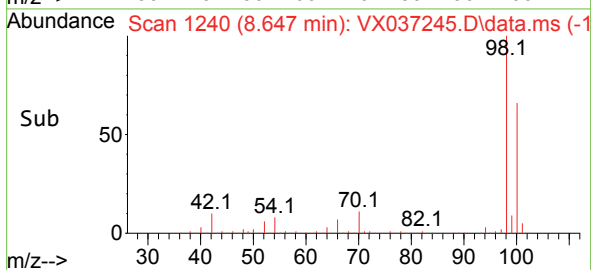
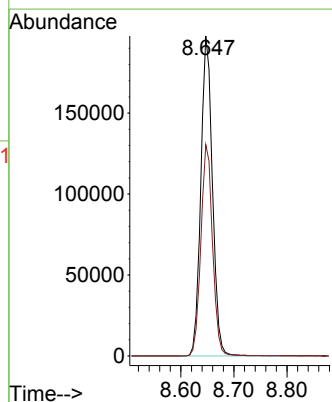
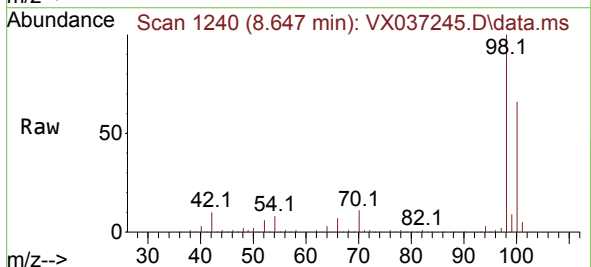
Acq: 25 Aug 2023 03:59

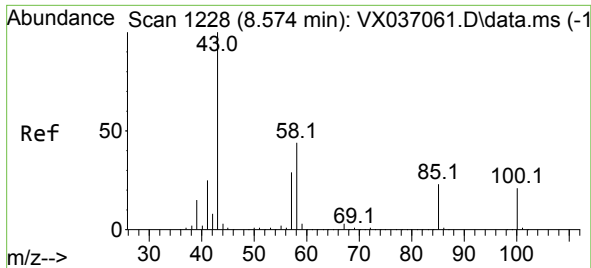
Tgt Ion: 98 Resp: 301225

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7

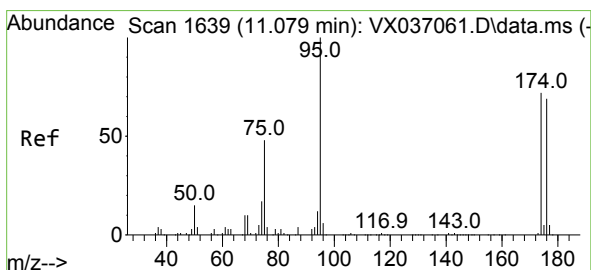
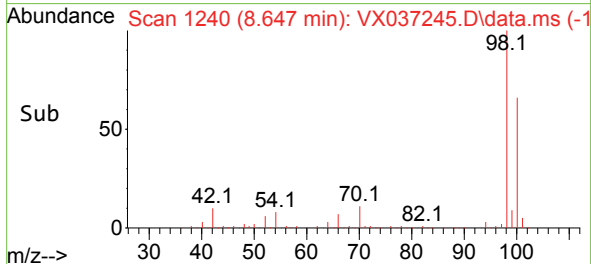
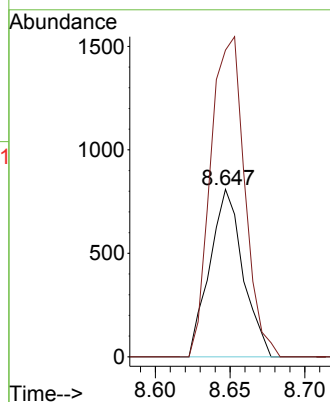
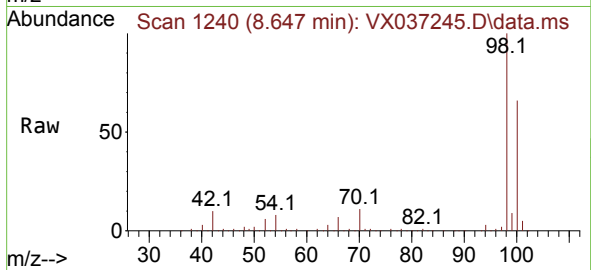




#51
4-Methyl-2-Pentanone
Concen: 0.524 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037245.D
Acq: 25 Aug 2023 03:59

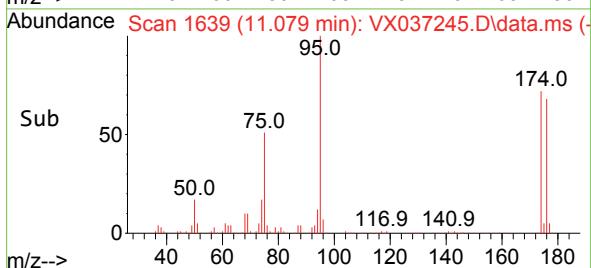
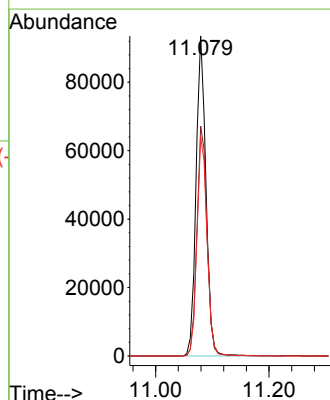
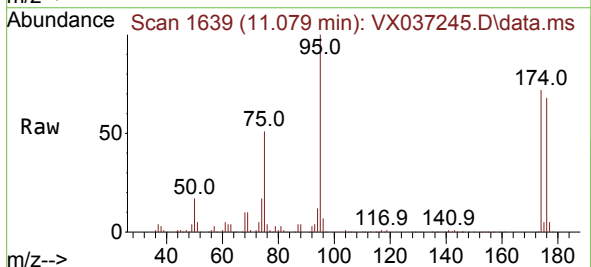
Instrument :
MSVOA_X
ClientSampleId :

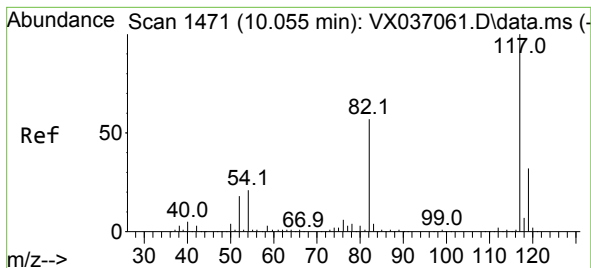
Tgt Ion: 43 Resp: 1247
Ion Ratio Lower Upper
43 100
58 196.3 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 46.600 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037245.D
Acq: 25 Aug 2023 03:59

Tgt Ion: 95 Resp: 113063
Ion Ratio Lower Upper
95 100
174 73.7 0.0 135.6
176 69.7 0.0 131.0

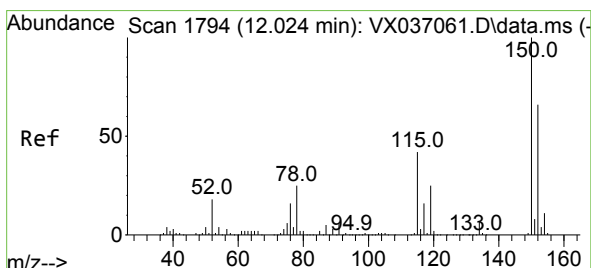
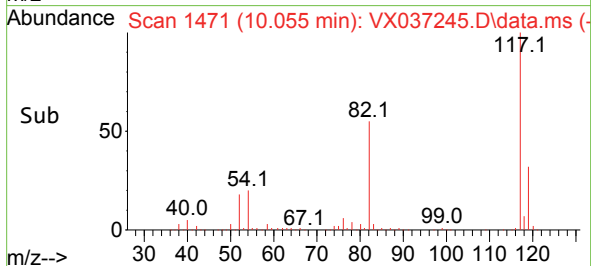
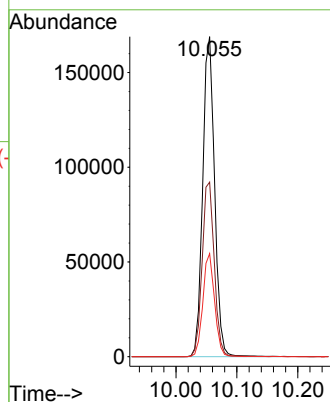
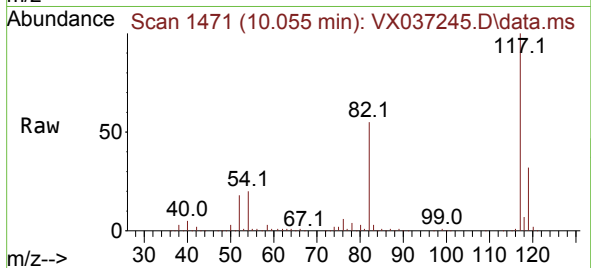




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037245.D
Acq: 25 Aug 2023 03:59

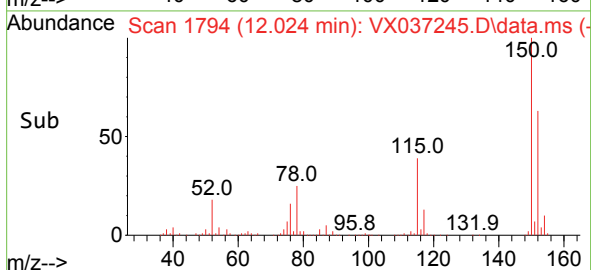
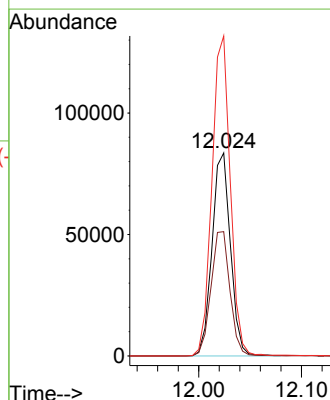
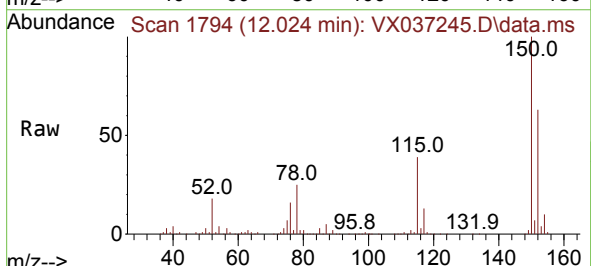
Instrument :
MSVOA_X
ClientSampleId :

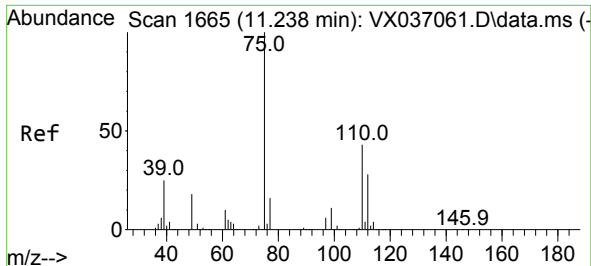
Tgt Ion:117 Resp: 229292
Ion Ratio Lower Upper
117 100
82 54.6 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037245.D
Acq: 25 Aug 2023 03:59

Tgt Ion:152 Resp: 103906
Ion Ratio Lower Upper
152 100
115 63.4 43.3 129.9
150 156.5 0.0 345.0

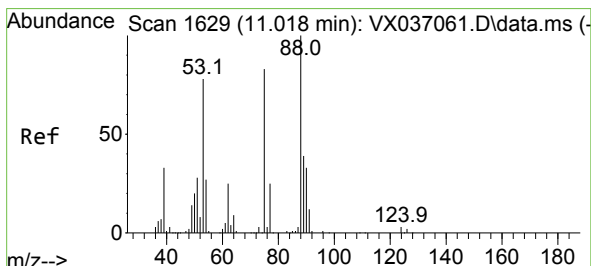
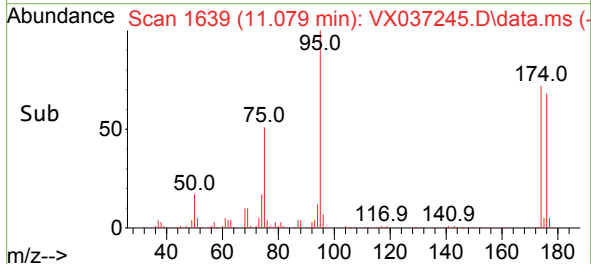
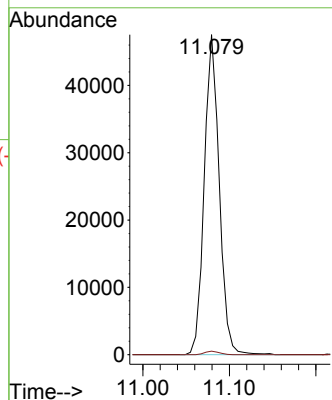
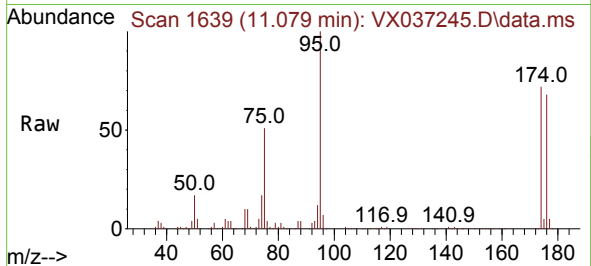




#76
1,2,3-Trichloropropane
Concen: 25.789 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037245.D
Acq: 25 Aug 2023 03:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 57068
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.031 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037245.D
Acq: 25 Aug 2023 03:59

Tgt Ion: 75 Resp: 57068
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

