

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037235.D
 Acq On : 24 Aug 2023 23:59
 Operator : JC/MD
 Sample : 04051-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D1-20230816

Quant Time: Aug 25 06:29:25 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)

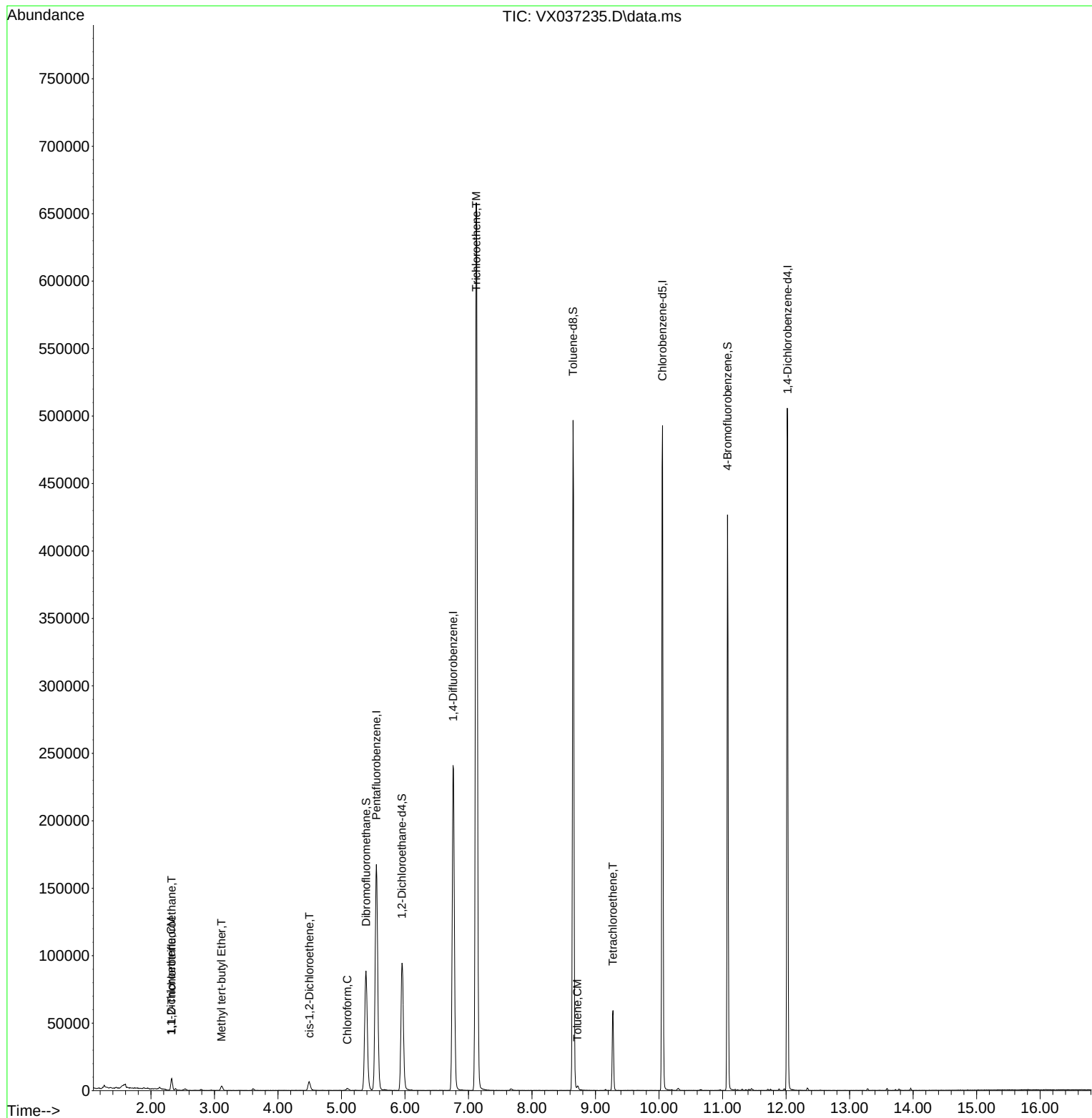
Internal Standards						
1) Pentafluorobenzene	5.550	168	155180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	255143	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96945	43.333	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.660%		
35) Dibromofluoromethane	5.385	113	78883	46.683	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.360%		
50) Toluene-d8	8.647	98	300841	49.082	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.160%		
62) 4-Bromofluorobenzene	11.079	95	114532	47.548	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.100%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.325	101	2908	1.773	ug/l	97
12) 1,1-Dichloroethene	2.319	96	921	0.577	ug/l #	79
19) Methyl tert-butyl Ether	3.111	73	3884	0.641	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	4550	2.125	ug/l	79
30) Chloroform	5.093	83	1860	0.521	ug/l	97
44) Trichloroethene	7.123	130	258982	132.653	ug/l	97
52) Toluene	8.714	92	1320	0.290	ug/l	91
64) Tetrachloroethene	9.275	164	11255	6.703	ug/l	97

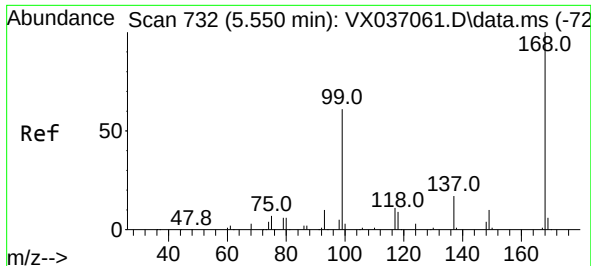
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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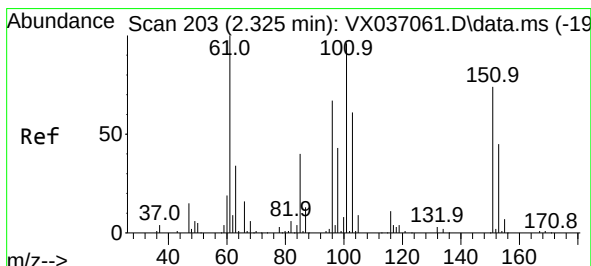
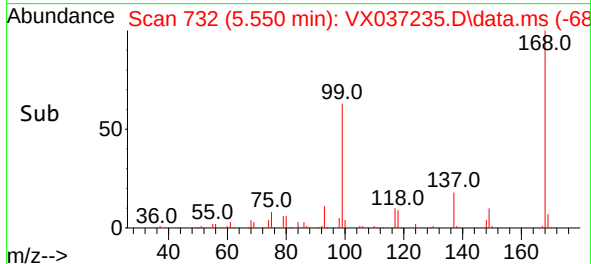
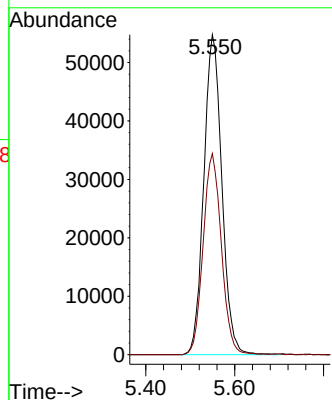
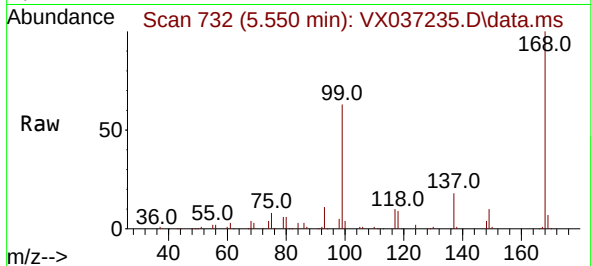




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037235.D
Acq: 24 Aug 2023 23:59

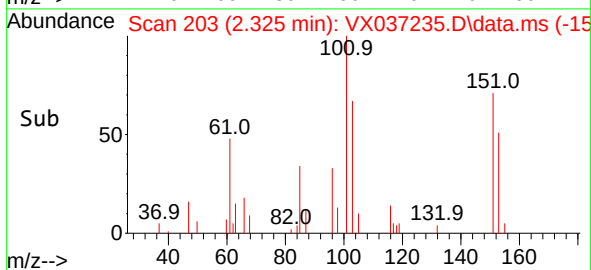
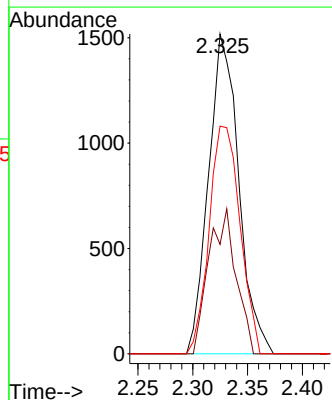
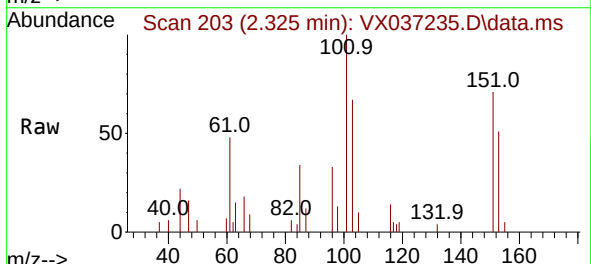
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20230816

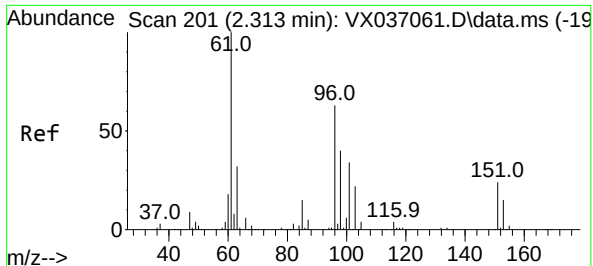
Tgt Ion:168 Resp: 155180
Ion Ratio Lower Upper
168 100
99 62.9 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.773 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037235.D
Acq: 24 Aug 2023 23:59

Tgt Ion:101 Resp: 2908
Ion Ratio Lower Upper
101 100
85 41.0 37.0 55.6
151 72.6 58.6 87.8





#12

1,1-Dichloroethene

Concen: 0.577 ug/l

RT: 2.319 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX037235.D

Acq: 24 Aug 2023 23:59

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20230816

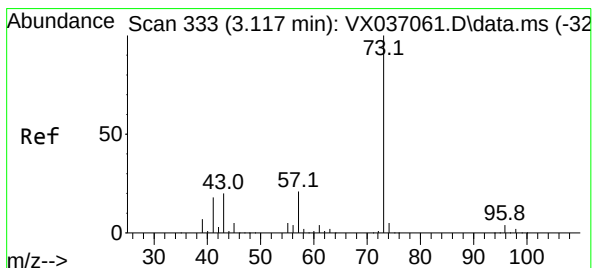
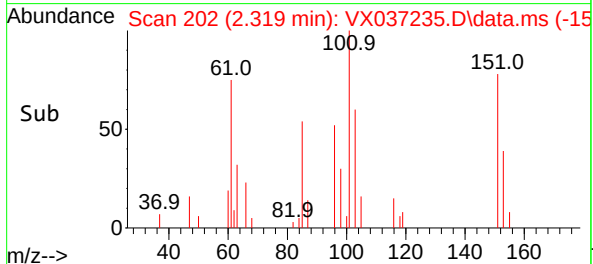
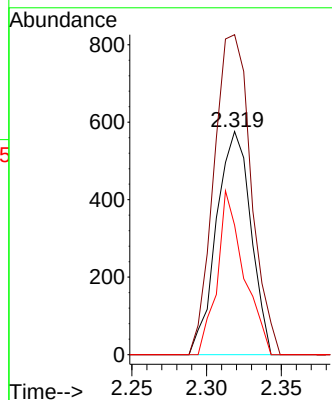
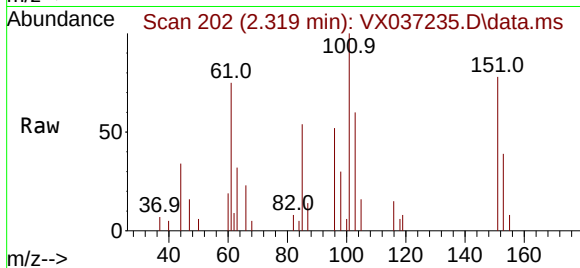
Tgt Ion: 96 Resp: 921

Ion Ratio Lower Upper

96 100

61 143.4 144.6 216.8#

98 58.0 50.4 75.6



#19

Methyl tert-butyl Ether

Concen: 0.641 ug/l

RT: 3.111 min Scan# 332

Delta R.T. -0.006 min

Lab File: VX037235.D

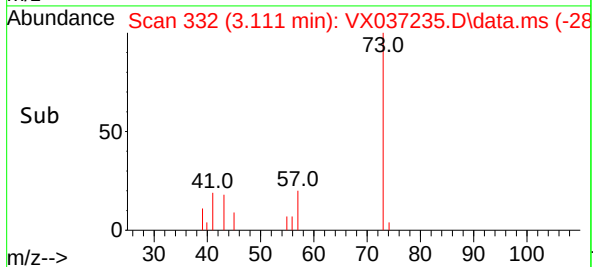
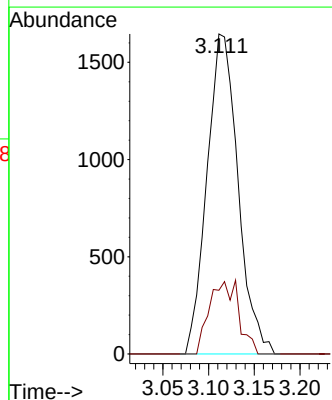
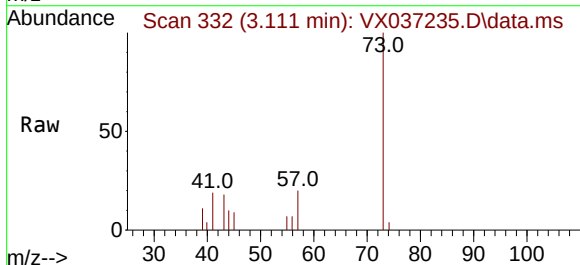
Acq: 24 Aug 2023 23:59

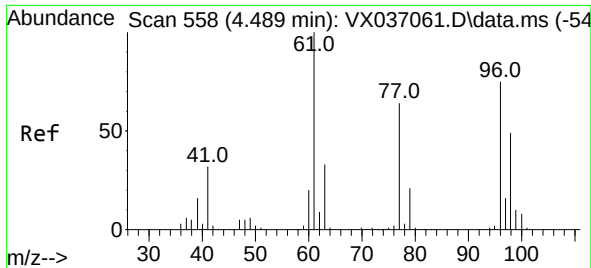
Tgt Ion: 73 Resp: 3884

Ion Ratio Lower Upper

73 100

57 19.9 17.3 25.9





#27

cis-1,2-Dichloroethene

Concen: 2.125 ug/l

RT: 4.495 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX037235.D

Acq: 24 Aug 2023 23:59

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20230816

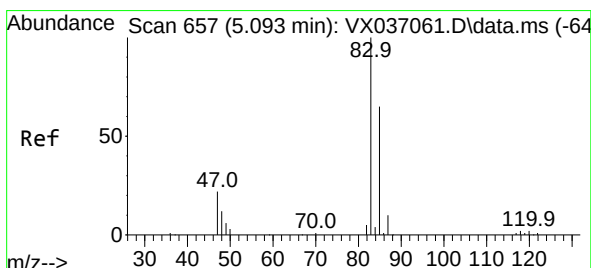
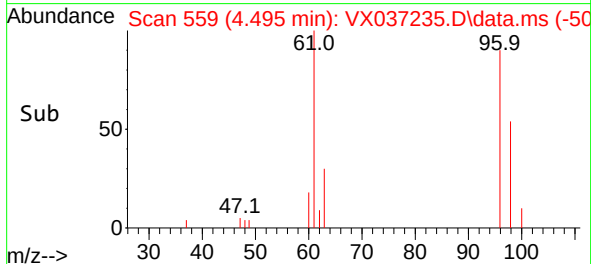
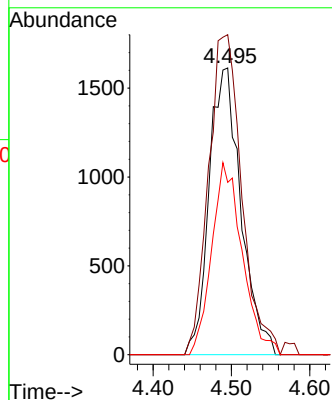
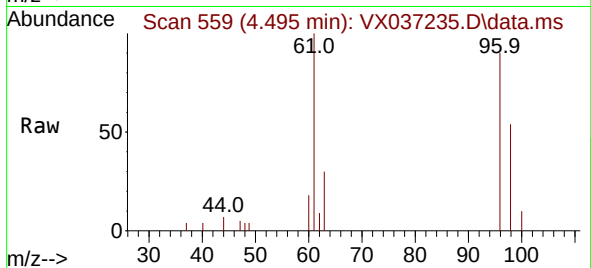
Tgt Ion: 96 Resp: 4550

Ion Ratio Lower Upper

96 100

61 116.8 0.0 312.2

98 64.4 0.0 129.0



#30

Chloroform

Concen: 0.521 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX037235.D

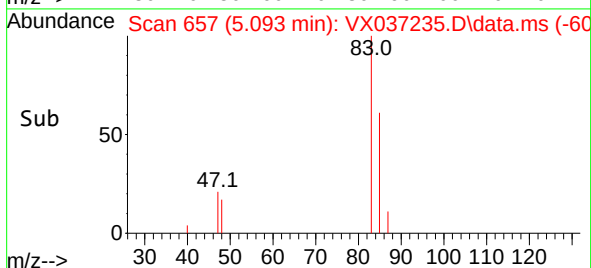
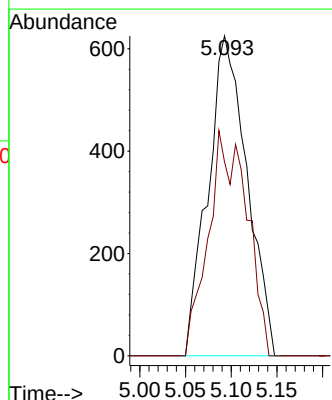
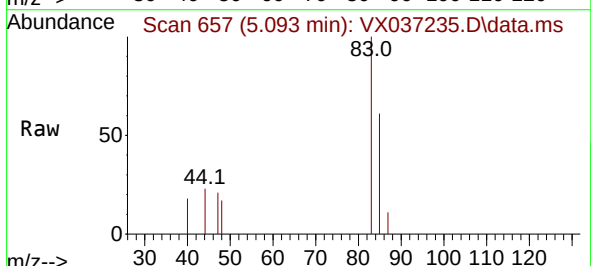
Acq: 24 Aug 2023 23:59

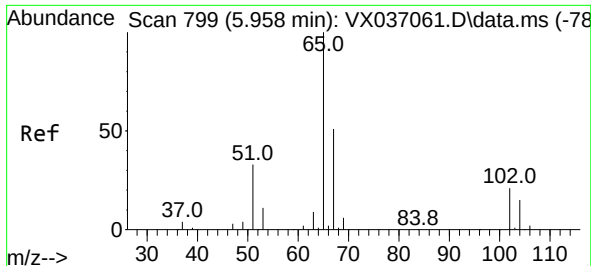
Tgt Ion: 83 Resp: 1860

Ion Ratio Lower Upper

83 100

85 60.6 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 43.333 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037235.D

Acq: 24 Aug 2023 23:59

Instrument :

MSVOA_X

ClientSampleId :

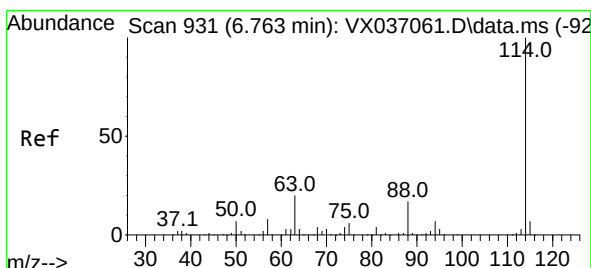
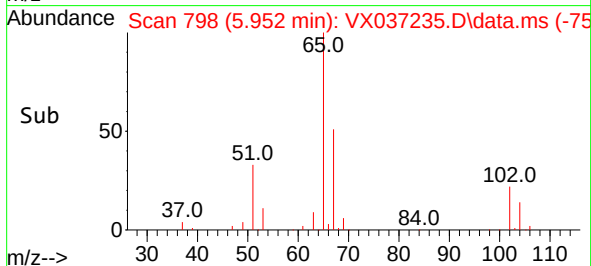
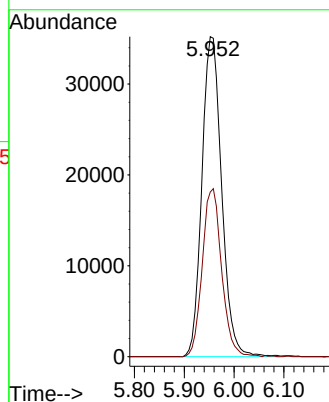
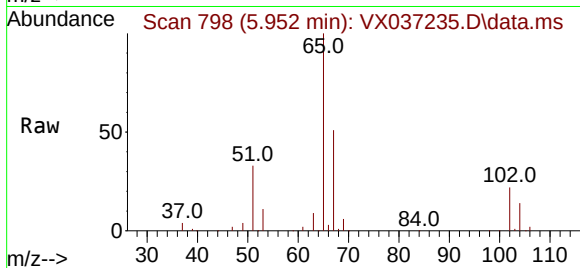
RE125D1-20230816

Tgt Ion: 65 Resp: 96945

Ion Ratio Lower Upper

65 100

67 51.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX037235.D

Acq: 24 Aug 2023 23:59

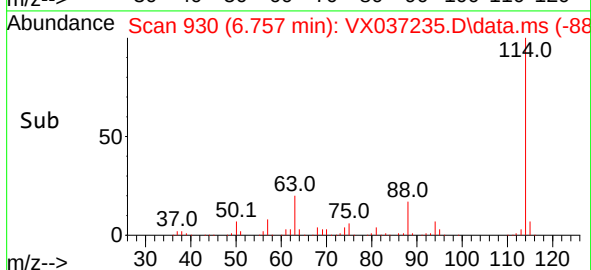
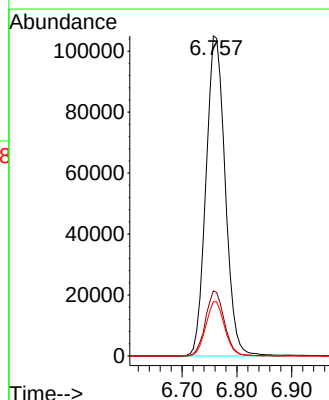
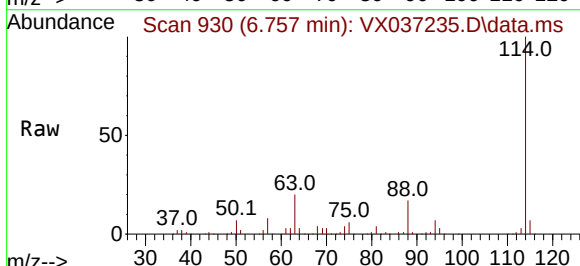
Tgt Ion: 114 Resp: 255143

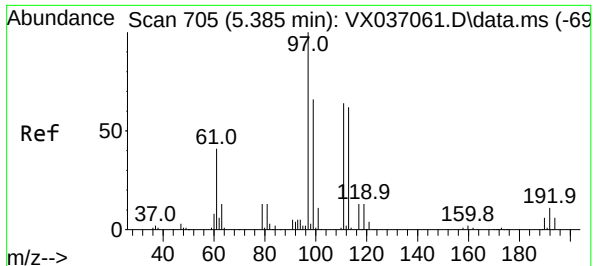
Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.0

88 17.0 0.0 36.6

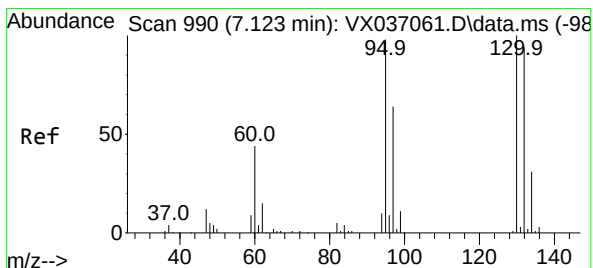
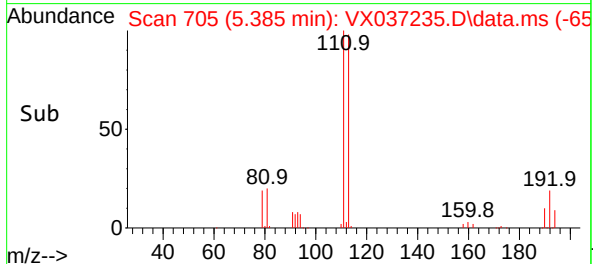
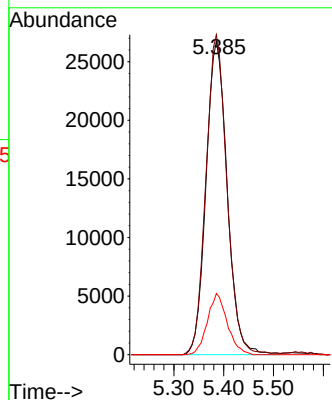
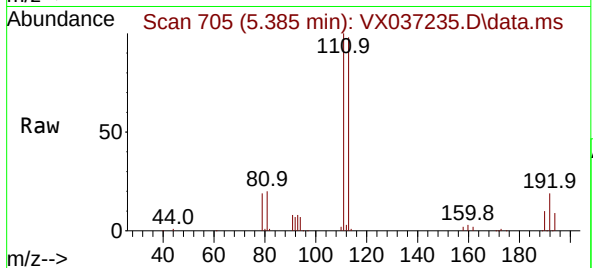




#35
Dibromofluoromethane
Concen: 46.683 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037235.D
Acq: 24 Aug 2023 23:59

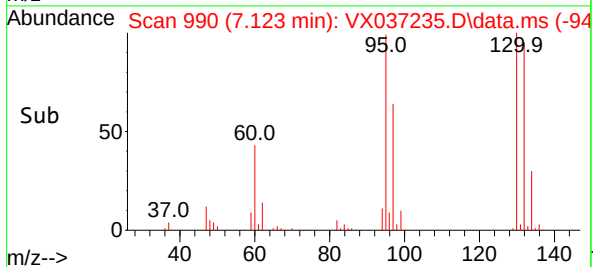
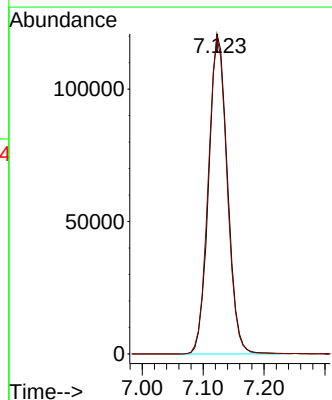
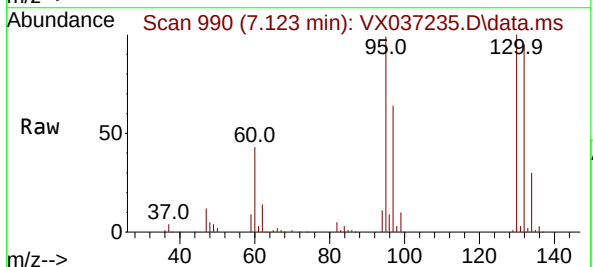
Instrument :
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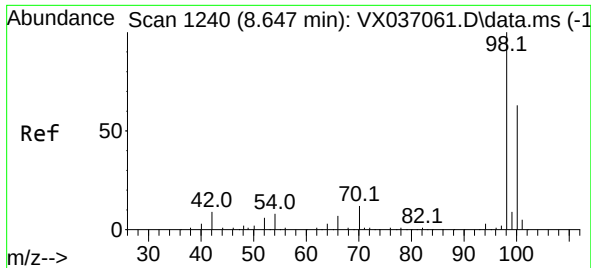
Tgt Ion:113 Resp: 78883
Ion Ratio Lower Upper
113 100
111 101.2 82.9 124.3
192 18.3 13.3 19.9



#44
Trichloroethene
Concen: 132.653 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037235.D
Acq: 24 Aug 2023 23:59

Tgt Ion:130 Resp: 258982
Ion Ratio Lower Upper
130 100
95 99.1 0.0 204.4

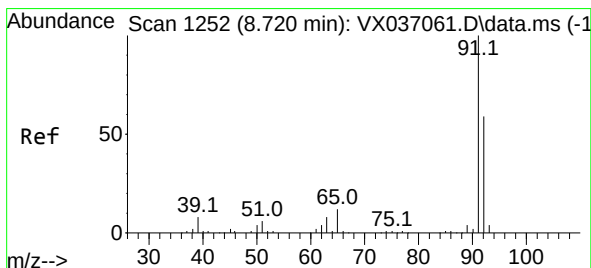
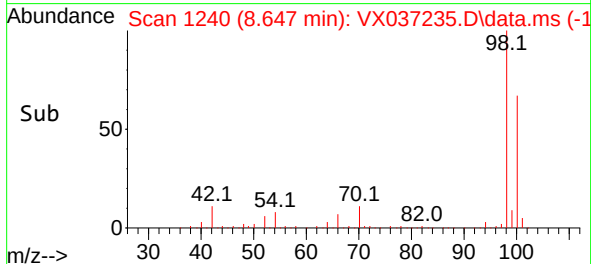
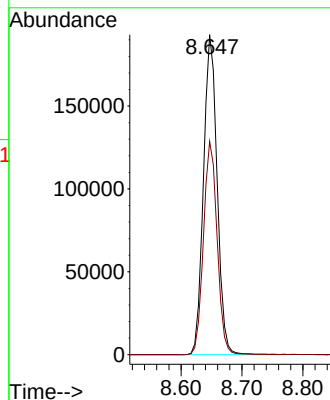
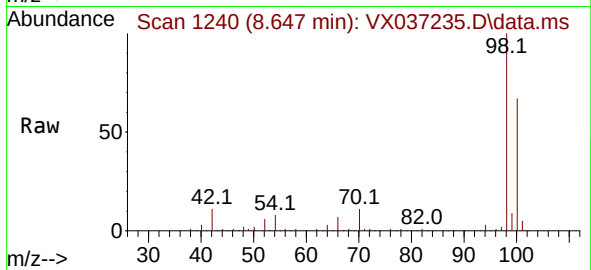




#50
Toluene-d8
Concen: 49.082 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037235.D
Acq: 24 Aug 2023 23:59

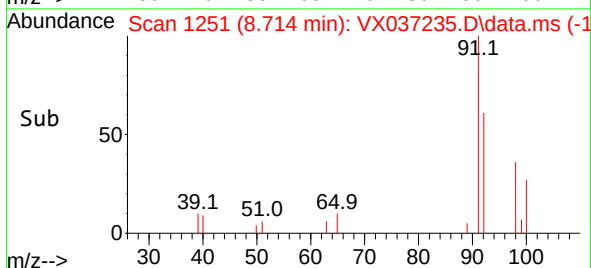
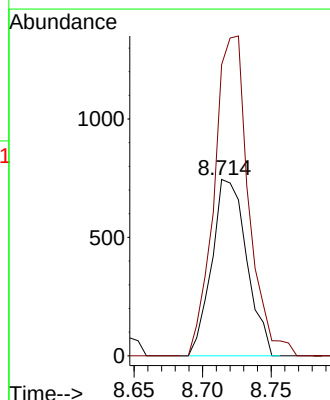
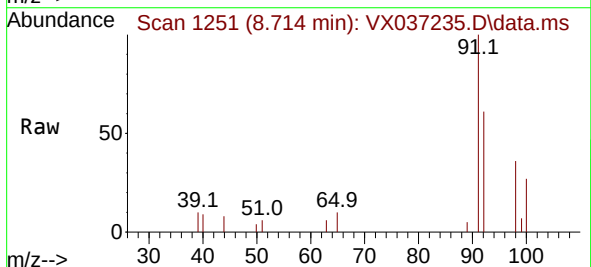
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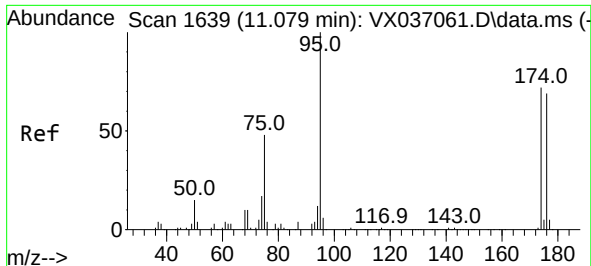
Tgt Ion: 98 Resp: 300841
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



#52
Toluene
Concen: 0.290 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX037235.D
Acq: 24 Aug 2023 23:59

Tgt Ion: 92 Resp: 1320
Ion Ratio Lower Upper
92 100
91 179.5 134.2 201.2

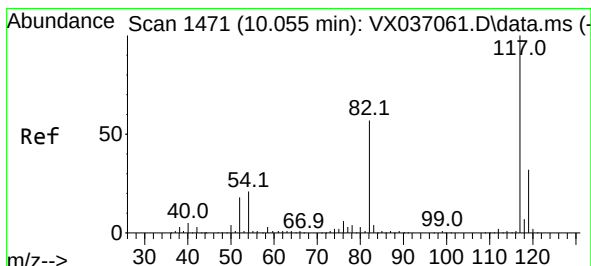
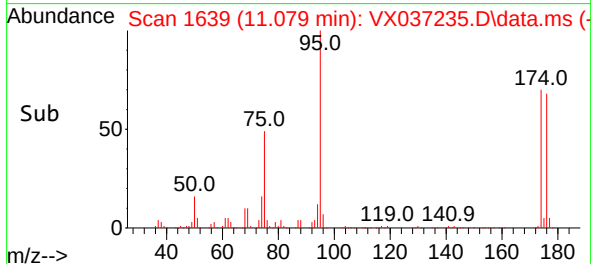
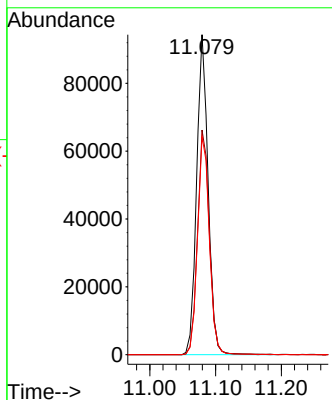
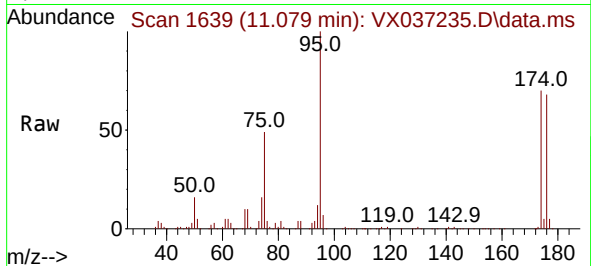




#62
4-Bromofluorobenzene
Concen: 47.548 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037235.D
Acq: 24 Aug 2023 23:59

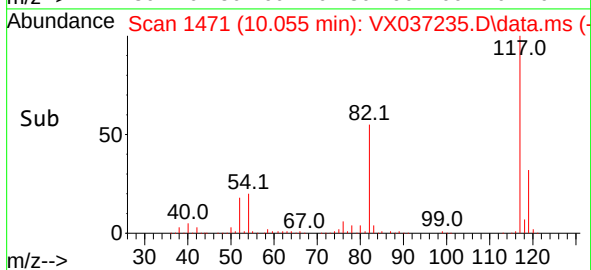
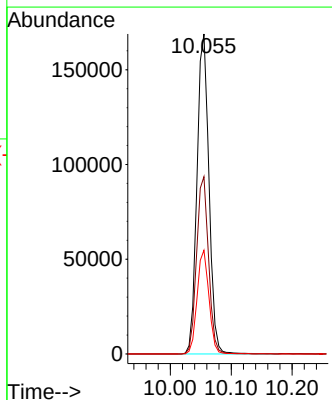
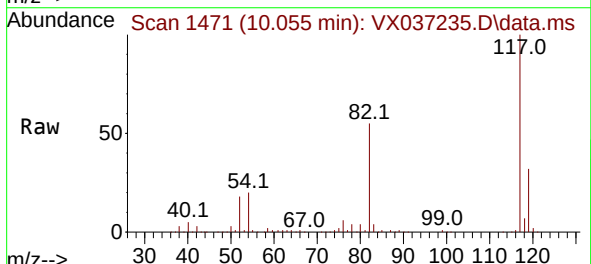
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20230816

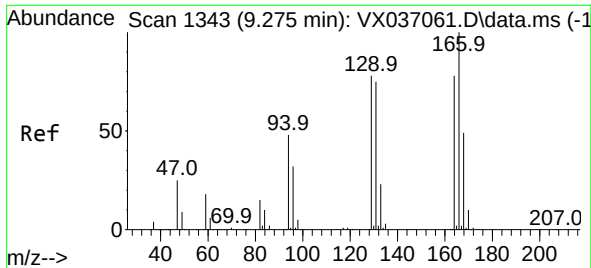
Tgt Ion: 95 Resp: 114532
Ion Ratio Lower Upper
95 100
174 72.6 0.0 135.6
176 70.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037235.D
Acq: 24 Aug 2023 23:59

Tgt Ion: 117 Resp: 230182
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 32.4 25.5 38.3



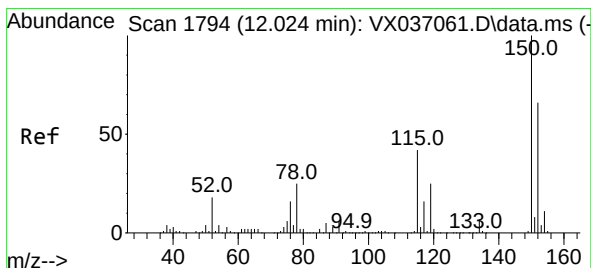
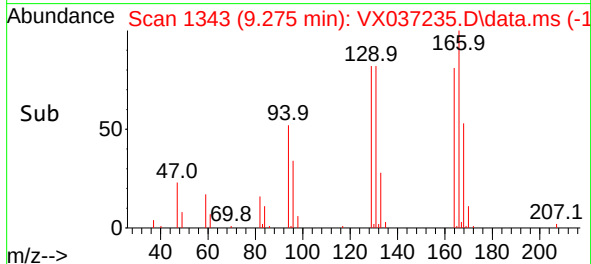
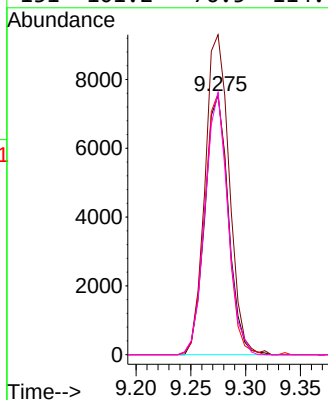
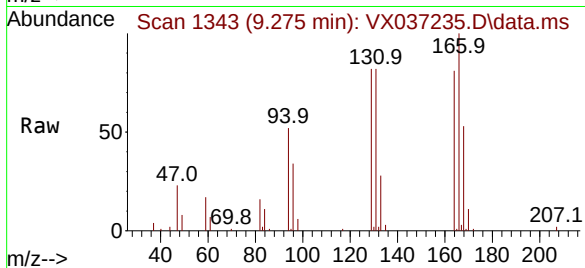


#64
Tetrachloroethene
Concen: 6.703 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037235.D
Acq: 24 Aug 2023 23:59

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20230816

Tgt Ion:164 Resp: 11255

Ion	Ratio	Lower	Upper
164	100		
166	123.6	102.7	154.1
129	100.9	80.4	120.6
131	101.2	76.5	114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037235.D
Acq: 24 Aug 2023 23:59

Tgt Ion:152 Resp: 105642

Ion	Ratio	Lower	Upper
152	100		
115	63.9	43.3	129.9
150	158.6	0.0	345.0

