

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052423\
 Data File : VX035836.D
 Acq On : 24 May 2023 15:15
 Operator : JC/MD
 Sample : 02911-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP05-20230522

Quant Time: May 25 05:32:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

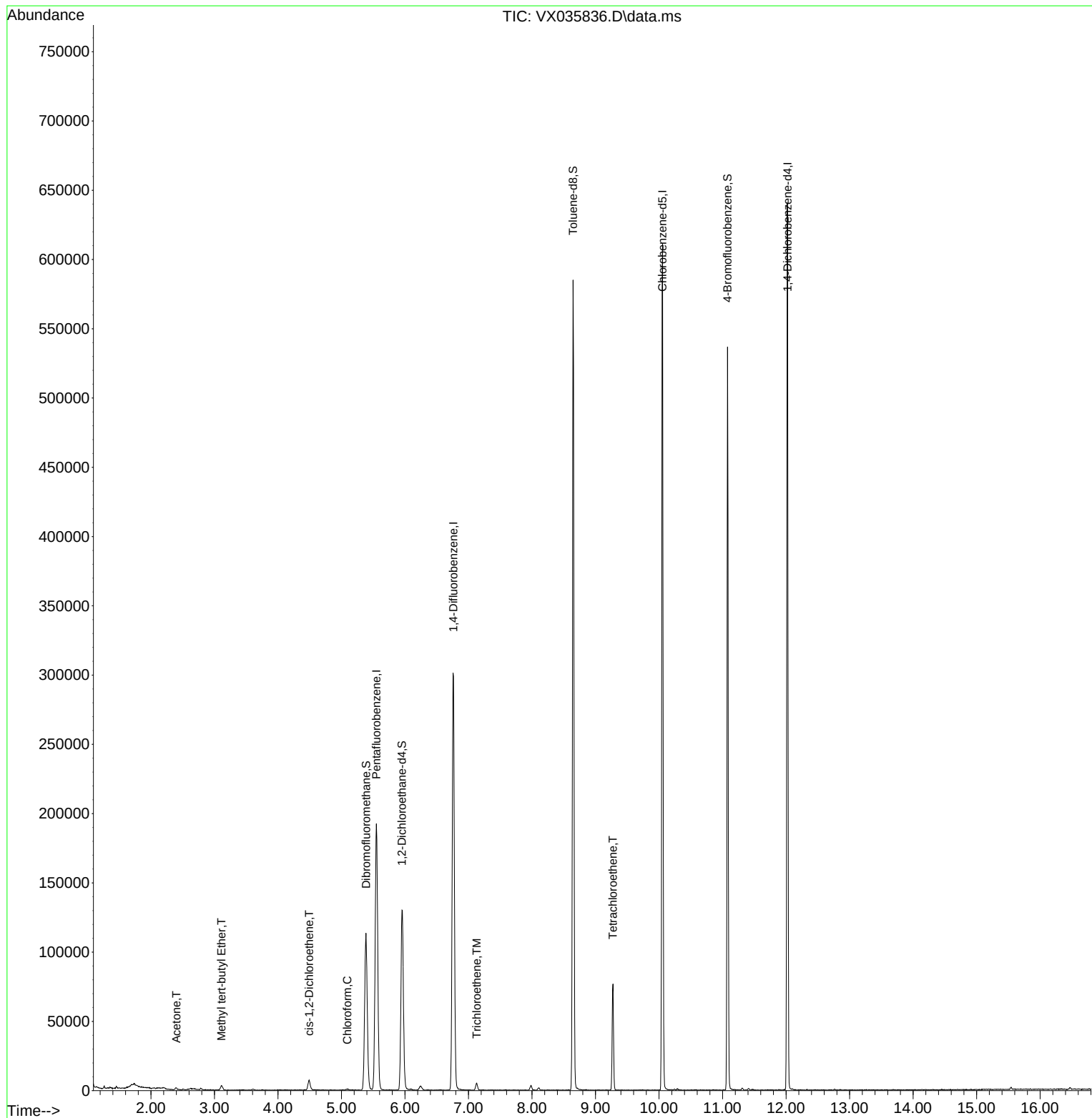
Internal Standards						
1) Pentafluorobenzene	5.550	168	174871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	302168	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	269610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	124434	40.789	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.580%
35) Dibromofluoromethane	5.385	113	95958	47.089	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.180%
50) Toluene-d8	8.647	98	338652	44.985	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.960%#
62) 4-Bromofluorobenzene	11.079	95	134606	44.407	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.820%
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	2099	1.601	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	3477	0.449	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	4261	1.661	ug/l	84
30) Chloroform	5.093	83	909	0.203	ug/l	90
44) Trichloroethene	7.129	130	1853	0.812	ug/l	83
64) Tetrachloroethene	9.275	164	13422	7.395	ug/l	95

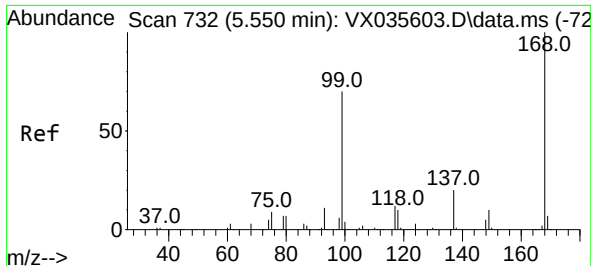
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

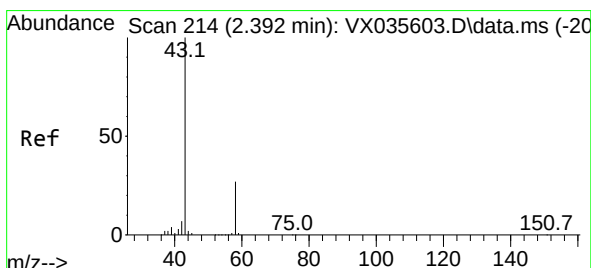
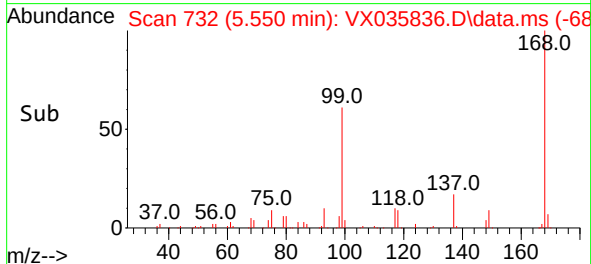
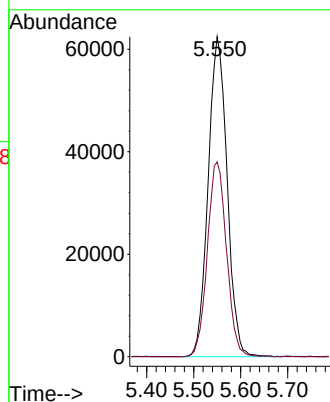
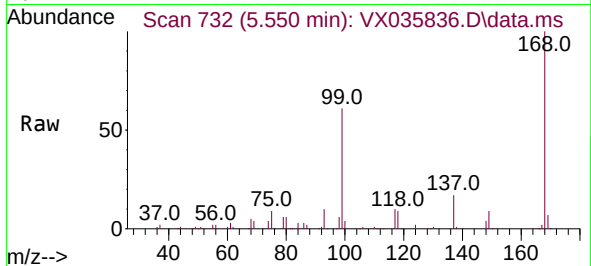




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035836.D
Acq: 24 May 2023 15:15

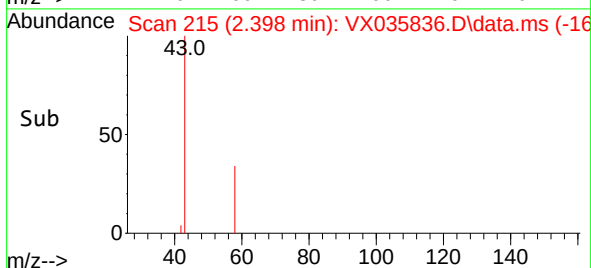
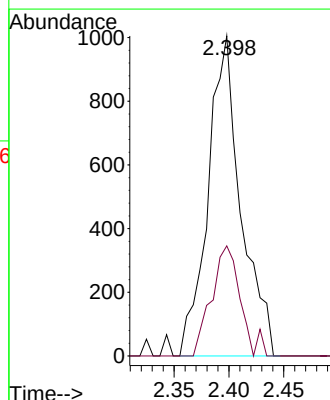
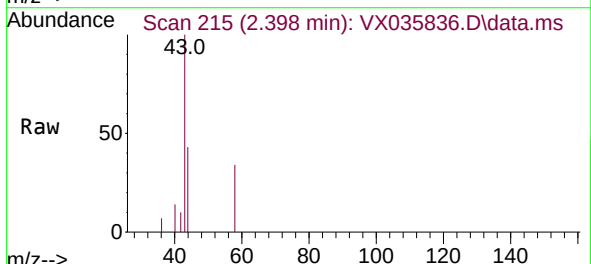
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20230522

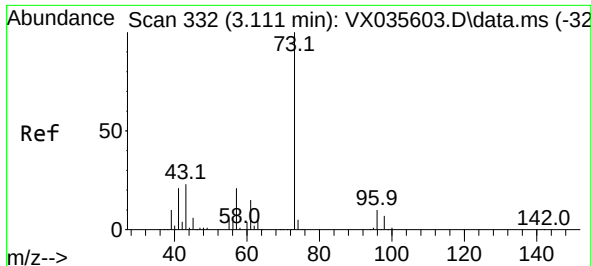
Tgt Ion:168 Resp: 174871
Ion Ratio Lower Upper
168 100
99 60.9 45.7 68.5



#16
Acetone
Concen: 1.601 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX035836.D
Acq: 24 May 2023 15:15

Tgt Ion: 43 Resp: 2099
Ion Ratio Lower Upper
43 100
58 34.4 24.7 37.1





#19

Methyl tert-butyl Ether

Concen: 0.449 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX035836.D

Acq: 24 May 2023 15:15

Instrument :

MSVOA_X

ClientSampleId :

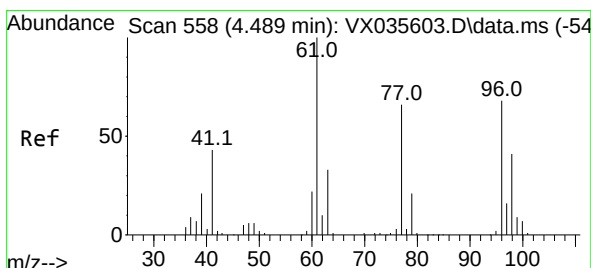
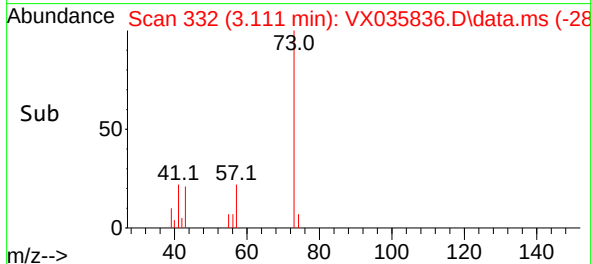
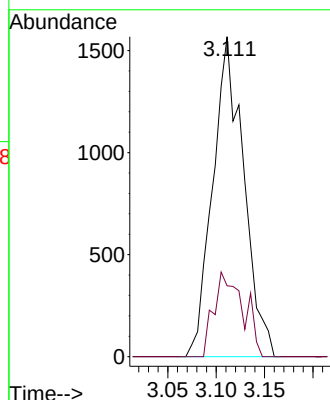
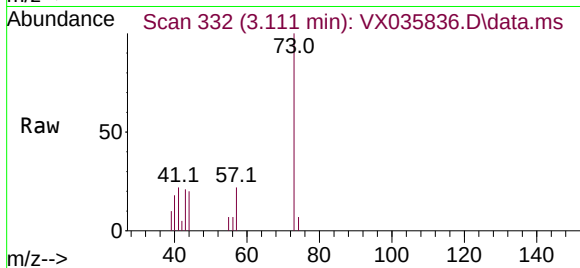
DUP05-20230522

Tgt Ion: 73 Resp: 3477

Ion Ratio Lower Upper

73 100

57 22.1 18.5 27.7



#27

cis-1,2-Dichloroethene

Concen: 1.661 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX035836.D

Acq: 24 May 2023 15:15

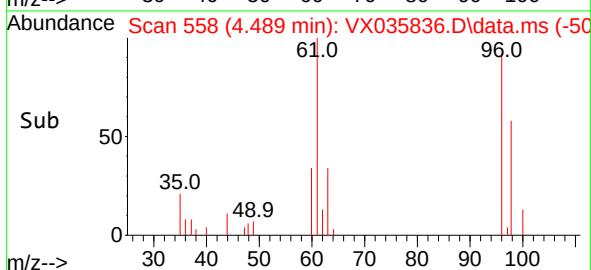
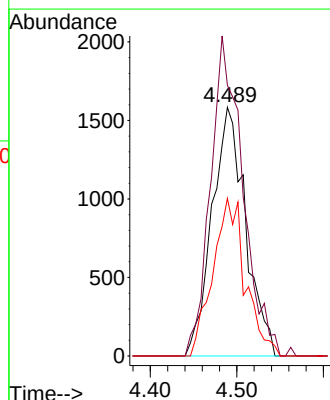
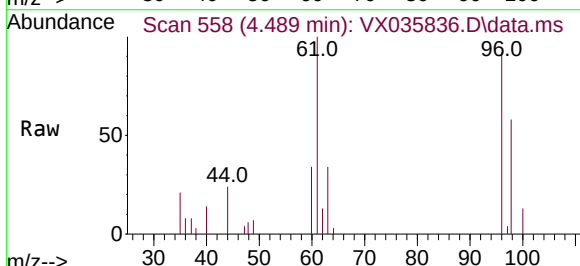
Tgt Ion: 96 Resp: 4261

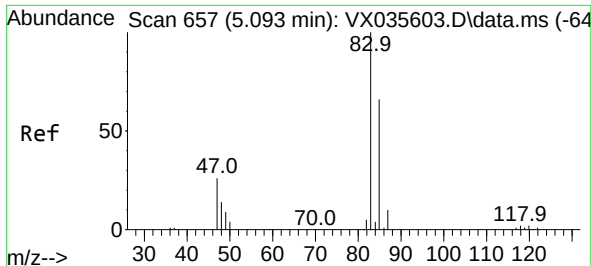
Ion Ratio Lower Upper

96 100

61 123.5 0.0 300.4

98 61.3 0.0 129.0





#30

Chloroform

Concen: 0.203 ug/l

RT: 5.093 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX035836.D

Acq: 24 May 2023 15:15

Instrument :

MSVOA_X

ClientSampleId :

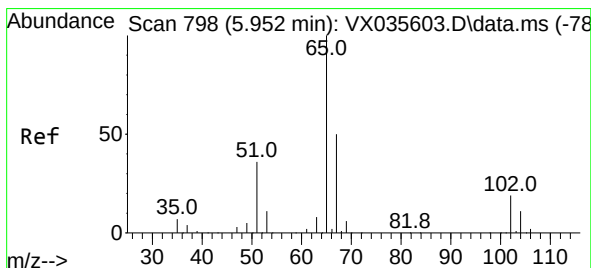
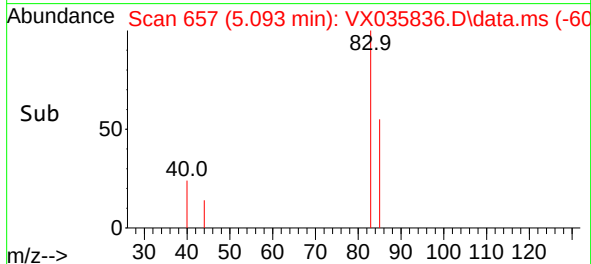
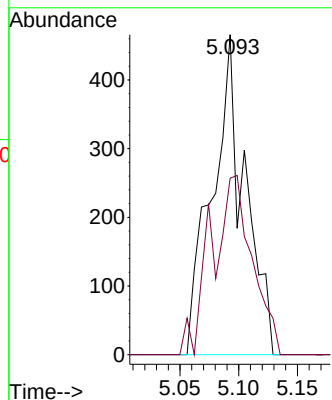
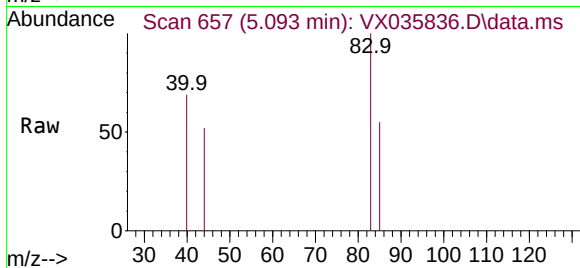
DUP05-20230522

Tgt Ion: 83 Resp: 909

Ion Ratio Lower Upper

83 100

85 55.2 50.6 76.0



#33

1,2-Dichloroethane-d4

Concen: 40.789 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035836.D

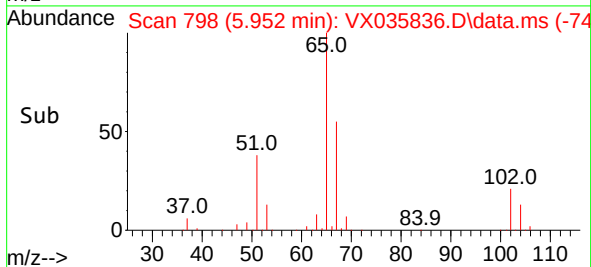
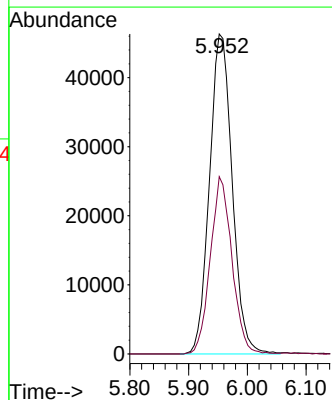
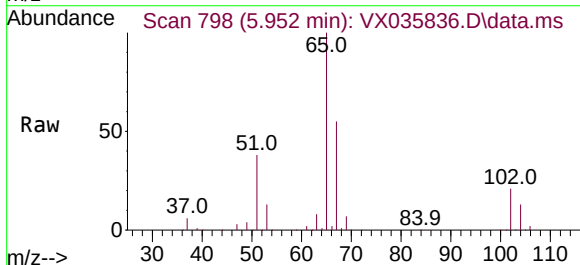
Acq: 24 May 2023 15:15

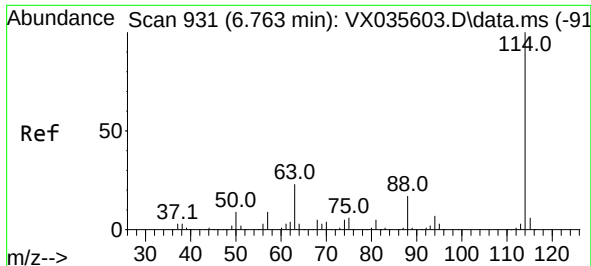
Tgt Ion: 65 Resp: 124434

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.0

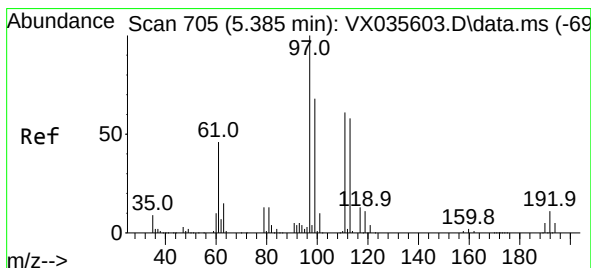
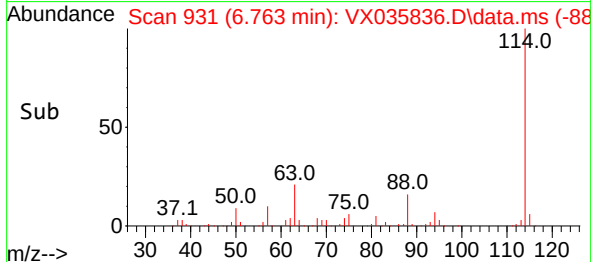
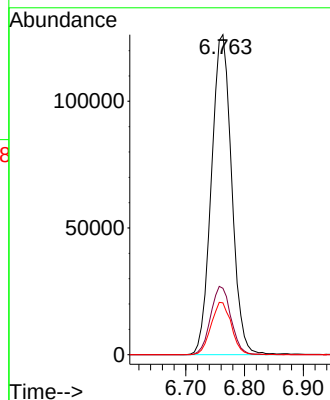
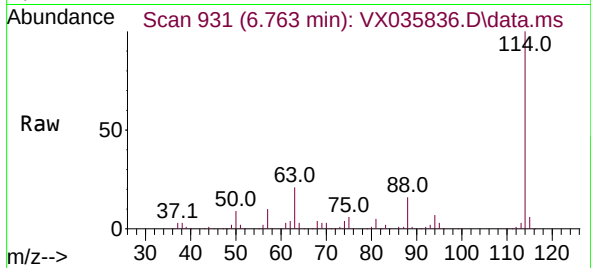




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035836.D
Acq: 24 May 2023 15:15

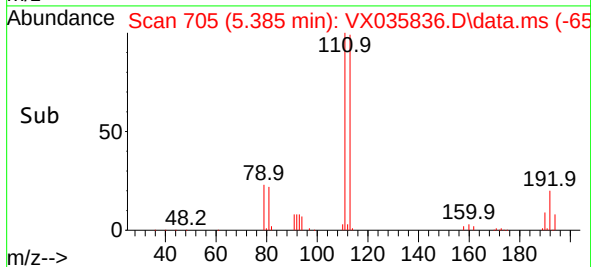
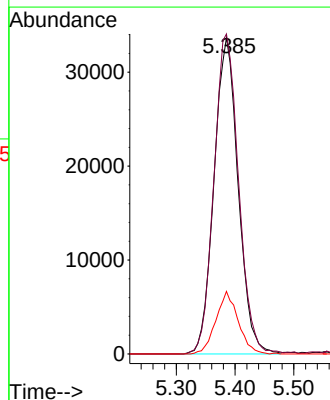
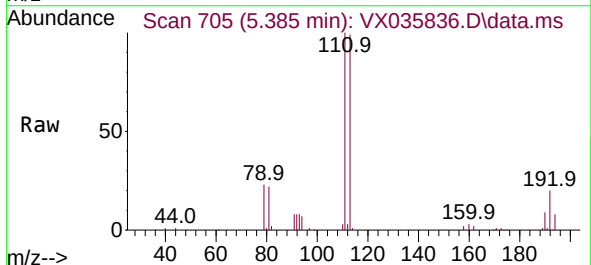
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20230522

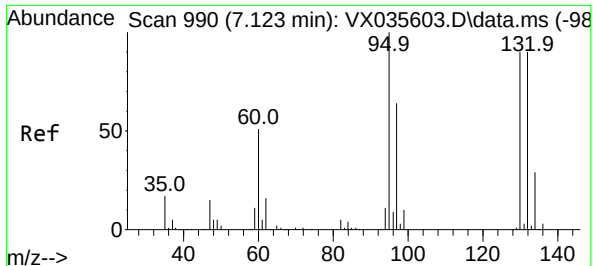
Tgt Ion:114 Resp: 302168
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.2
88 16.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.089 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035836.D
Acq: 24 May 2023 15:15

Tgt Ion:113 Resp: 95958
Ion Ratio Lower Upper
113 100
111 103.3 83.7 125.5
192 18.3 15.4 23.2

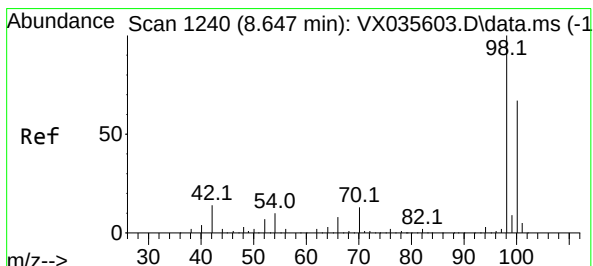
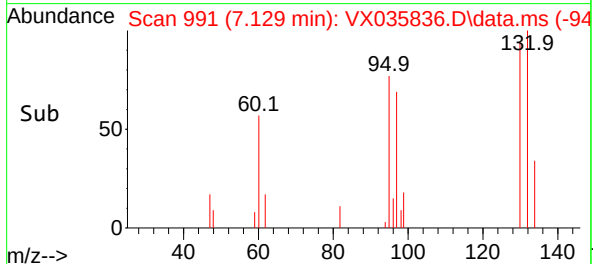
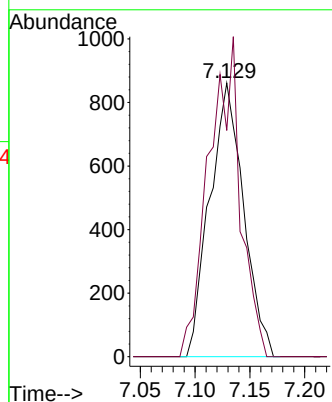
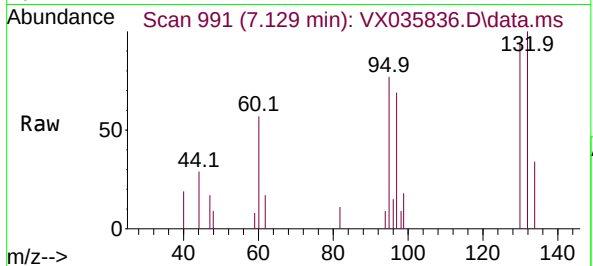




#44
 Trichloroethene
 Concen: 0.812 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX035836.D
 Acq: 24 May 2023 15:15

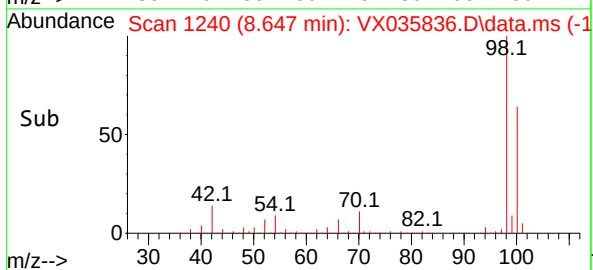
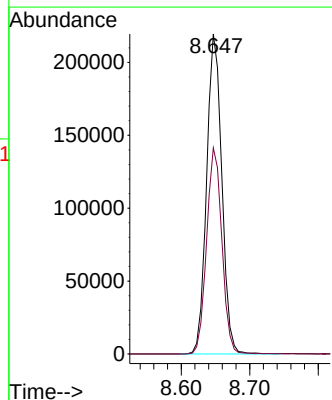
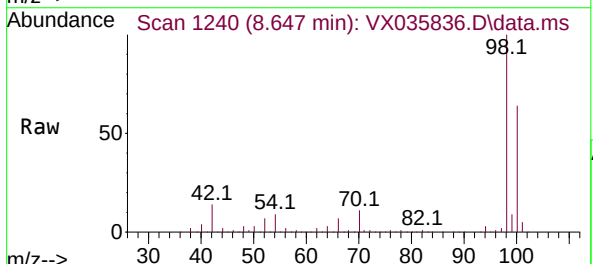
Instrument :
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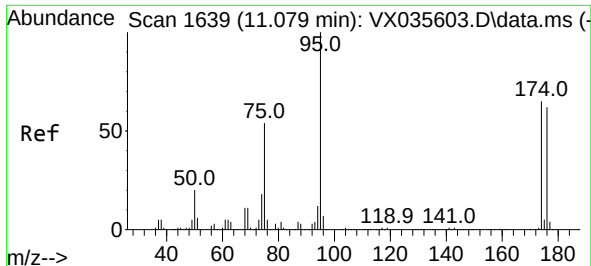
Tgt Ion:130 Resp: 1853
 Ion Ratio Lower Upper
 130 100
 95 82.7 0.0 198.4



#50
 Toluene-d8
 Concen: 44.985 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.000 min
 Lab File: VX035836.D
 Acq: 24 May 2023 15:15

Tgt Ion: 98 Resp: 338652
 Ion Ratio Lower Upper
 98 100
 100 64.8 52.5 78.7

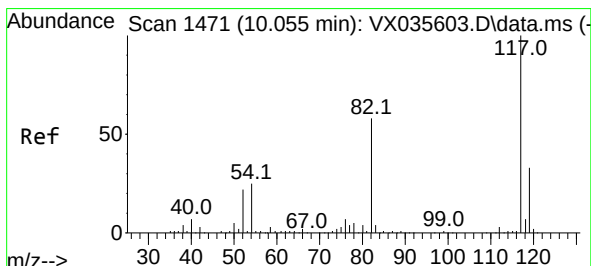
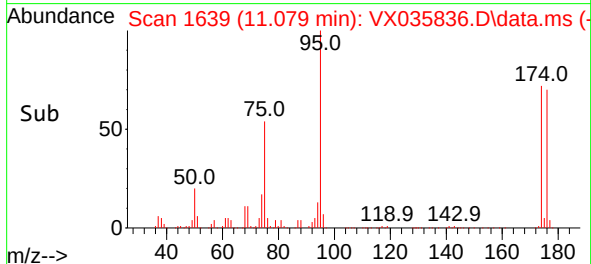
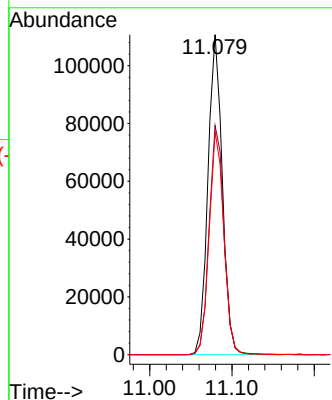
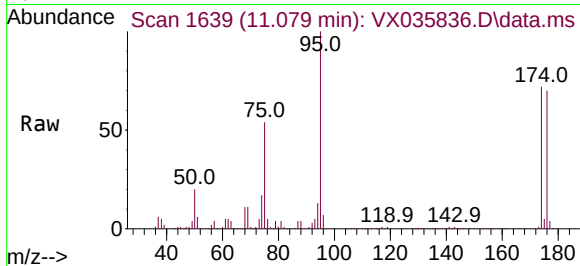




#62
4-Bromofluorobenzene
Concen: 44.407 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035836.D
Acq: 24 May 2023 15:15

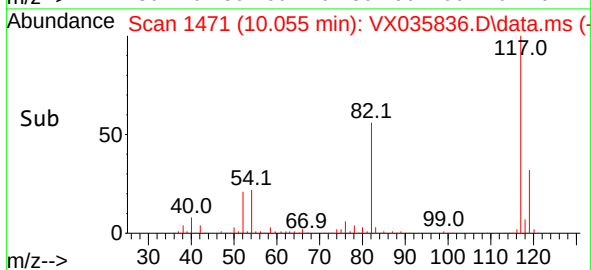
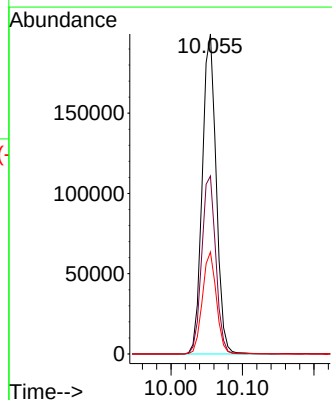
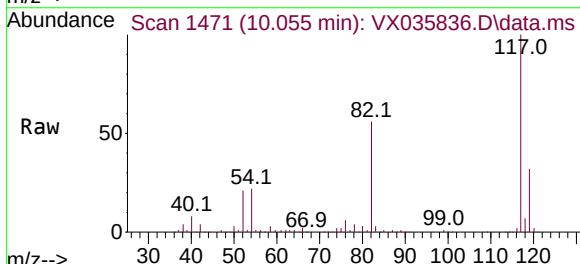
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DUP05-20230522

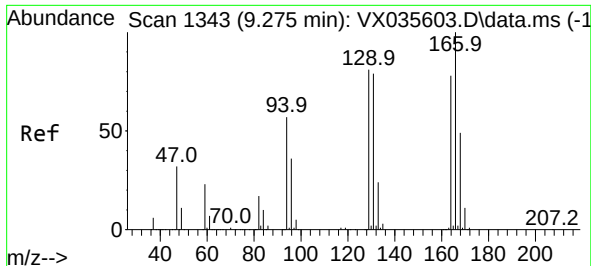
Tgt Ion: 95 Resp: 134606
Ion Ratio Lower Upper
95 100
174 73.4 0.0 147.4
176 70.9 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035836.D
Acq: 24 May 2023 15:15

Tgt Ion: 117 Resp: 269610
Ion Ratio Lower Upper
117 100
82 55.6 45.0 67.4
119 31.8 26.0 39.0



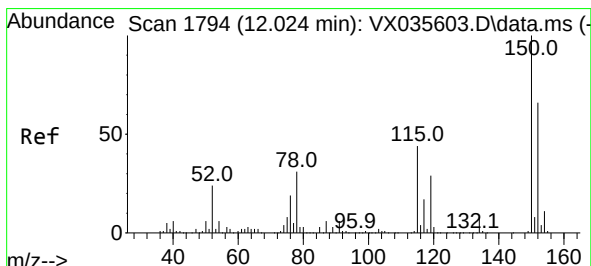
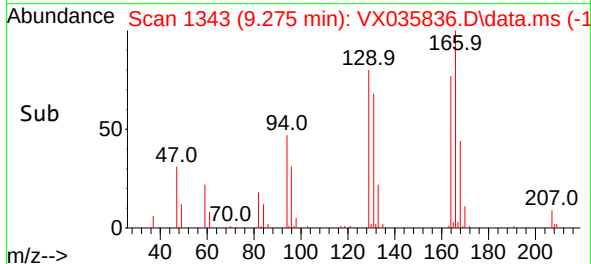
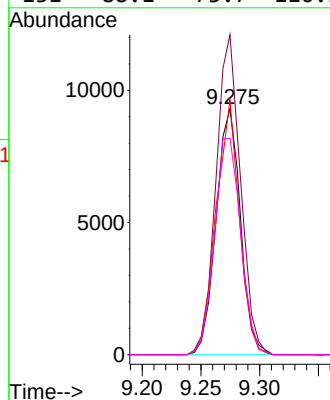
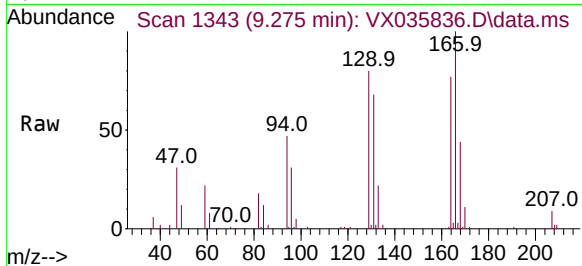


#64
Tetrachloroethene
Concen: 7.395 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035836.D
Acq: 24 May 2023 15:15

Instrument :
MSVOA_X
ClientSampleId :
DUP05-20230522

Tgt Ion:164 Resp: 13422

Ion	Ratio	Lower	Upper
164	100		
166	130.2	102.7	154.1
129	103.6	75.6	113.4
131	88.1	73.7	110.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035836.D
Acq: 24 May 2023 15:15

Tgt Ion:152 Resp: 127996

Ion	Ratio	Lower	Upper
152	100		
115	61.6	45.0	135.0
150	160.2	0.0	352.4

