

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026830.D
 Acq On : 08 Feb 2022 18:19
 Operator : JC/MD
 Sample : N1429-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-25S

Quant Time: Feb 09 03:05:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

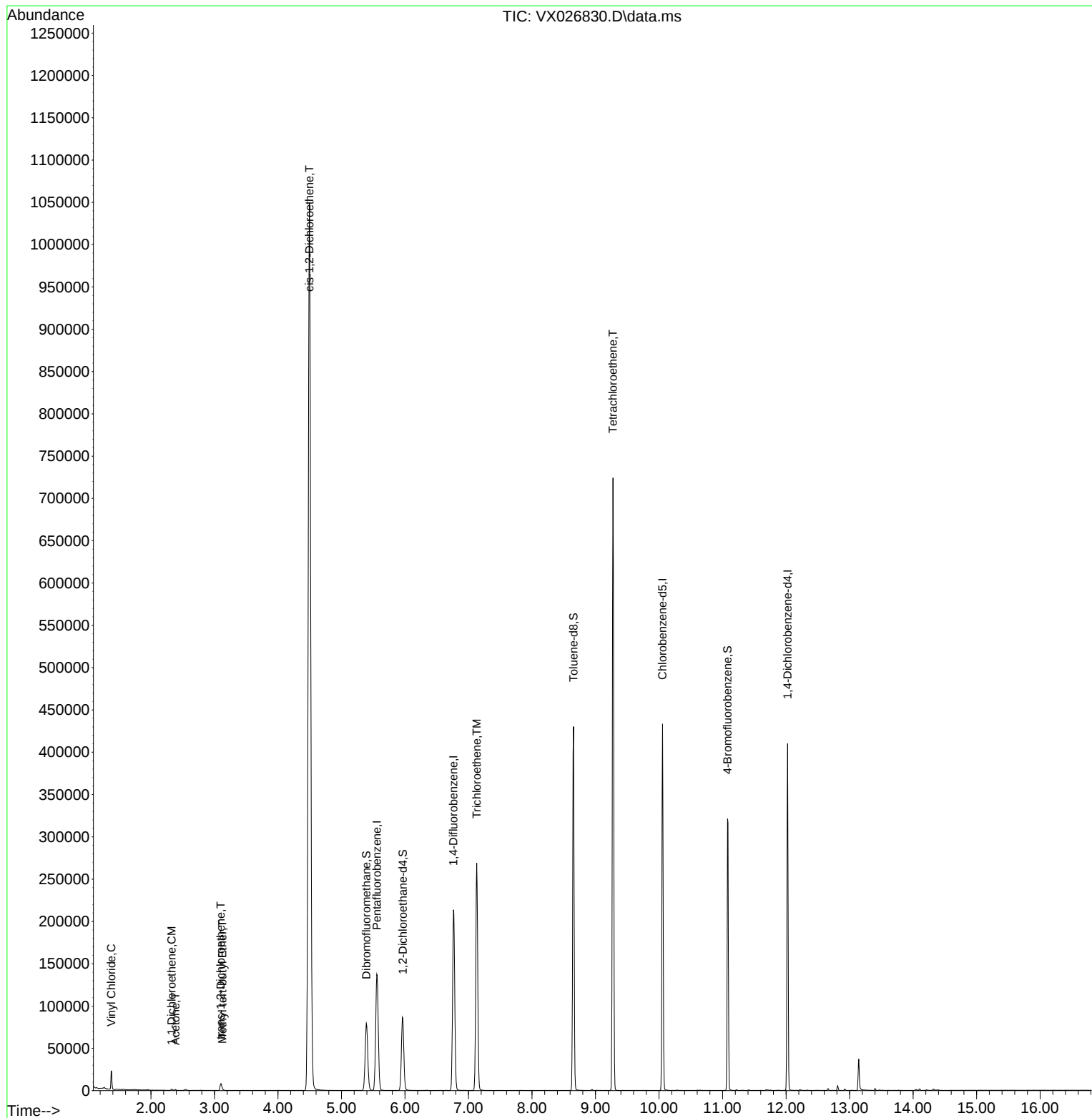
Internal Standards						
1) Pentafluorobenzene	5.556	168	132739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	221016	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	85109	53.414	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.820%	
35) Dibromofluoromethane	5.391	113	69754	52.974	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.940%	
50) Toluene-d8	8.653	98	251945	52.125	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.240%	
62) 4-Bromofluorobenzene	11.079	95	91533	53.789	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.580%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	13853	9.856	ug/l	100
12) 1,1-Dichloroethene	2.325	96	545	0.401	ug/l	96
16) Acetone	2.386	43	1372	1.960	ug/l	89
19) Methyl tert-butyl Ether	3.123	73	2148	0.447	ug/l	98
21) trans-1,2-Dichloroethene	3.099	96	3007	2.104	ug/l	94
27) cis-1,2-Dichloroethene	4.495	96	678381	413.317	ug/l	88
44) Trichloroethene	7.129	130	104265	57.357	ug/l	98
64) Tetrachloroethene	9.275	164	137341	71.728	ug/l	98

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

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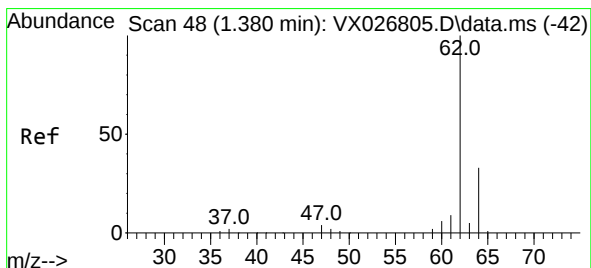
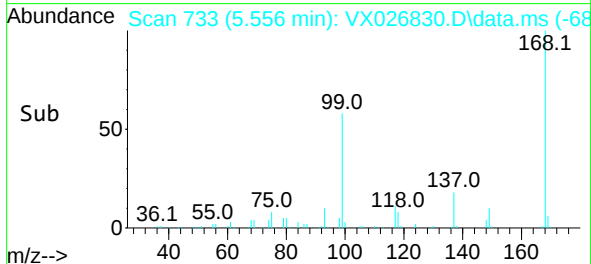
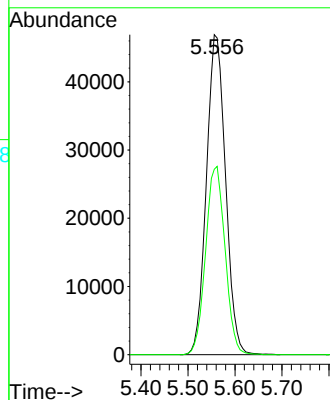
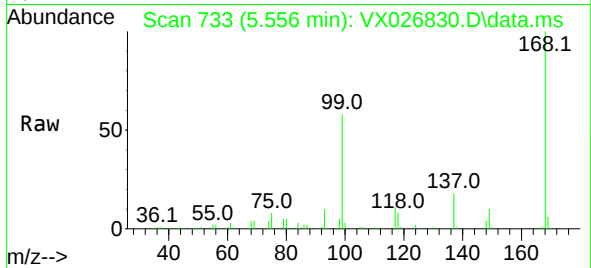




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026830.D
Acq: 08 Feb 2022 18:19

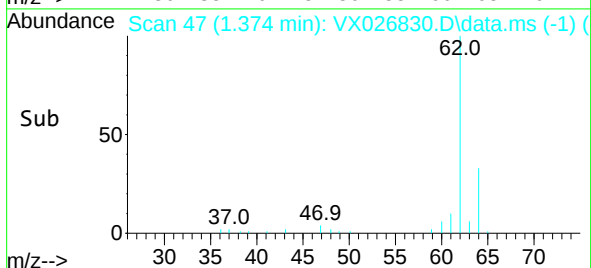
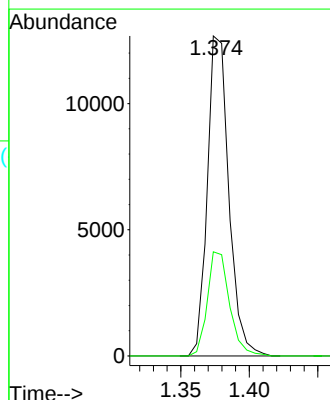
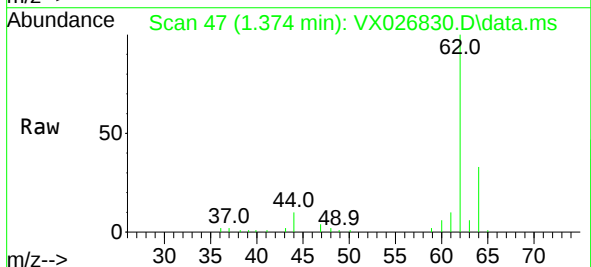
Instrument :
MSVOA_X
ClientSampleId :
MW-25S

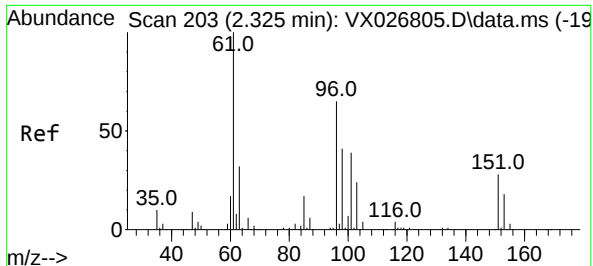
Tgt Ion:168 Resp: 132739
Ion Ratio Lower Upper
168 100
99 57.9 50.3 75.5



#4
Vinyl Chloride
Concen: 9.856 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.006 min
Lab File: VX026830.D
Acq: 08 Feb 2022 18:19

Tgt Ion: 62 Resp: 13853
Ion Ratio Lower Upper
62 100
64 32.6 26.2 39.2





#12

1,1-Dichloroethene

Concen: 0.401 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX026830.D

Acq: 08 Feb 2022 18:19

Instrument :

MSVOA_X

ClientSampleId :

MW-25S

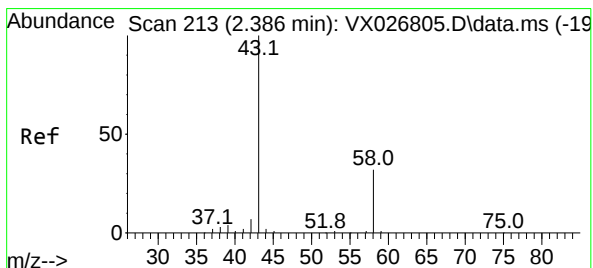
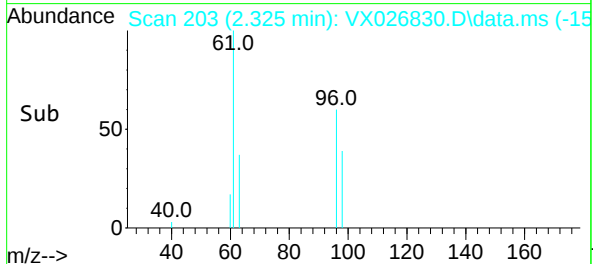
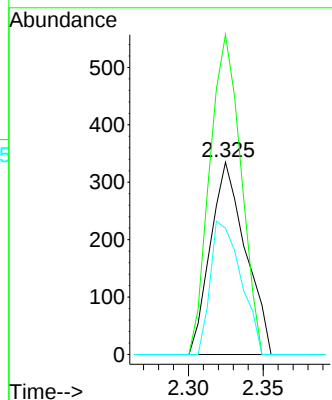
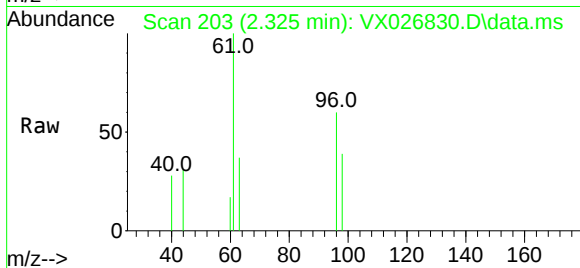
Tgt Ion: 96 Resp: 545

Ion Ratio Lower Upper

96 100

61 166.3 138.5 207.7

98 65.7 51.8 77.6



#16

Acetone

Concen: 1.960 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX026830.D

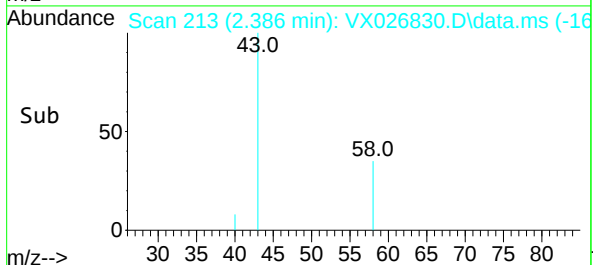
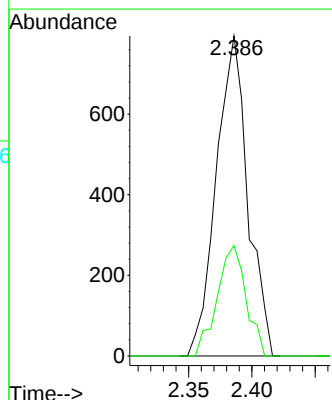
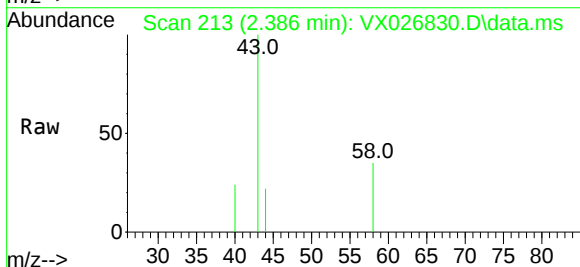
Acq: 08 Feb 2022 18:19

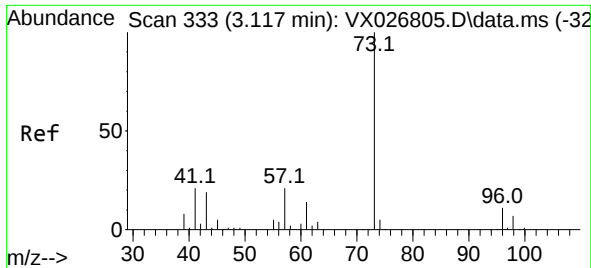
Tgt Ion: 43 Resp: 1372

Ion Ratio Lower Upper

43 100

58 34.5 23.0 34.6

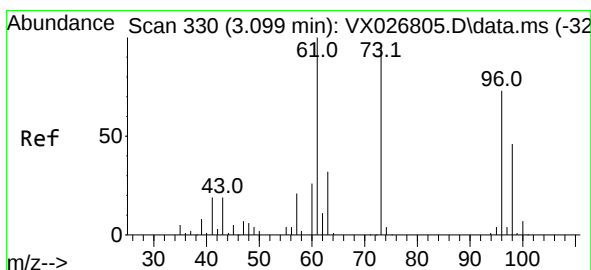
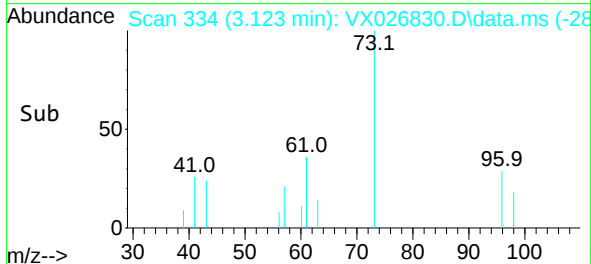
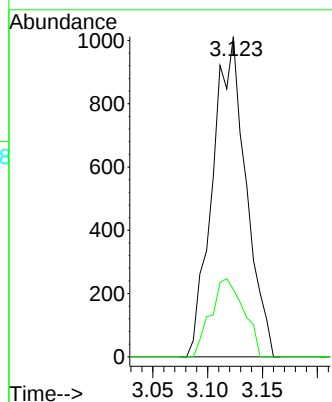
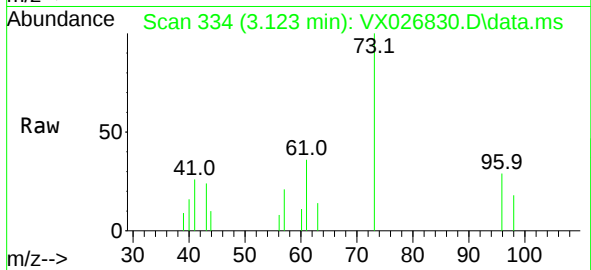




#19
Methyl tert-butyl Ether
Concen: 0.447 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX026830.D
Acq: 08 Feb 2022 18:19

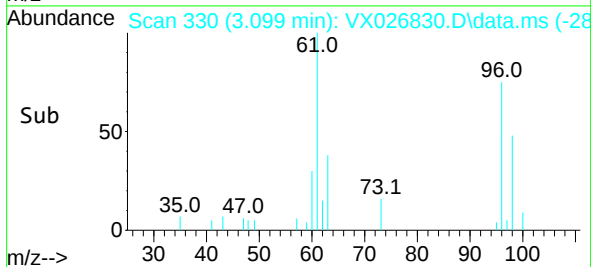
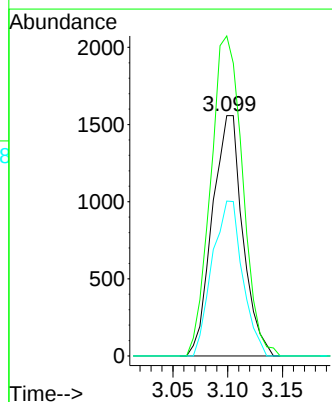
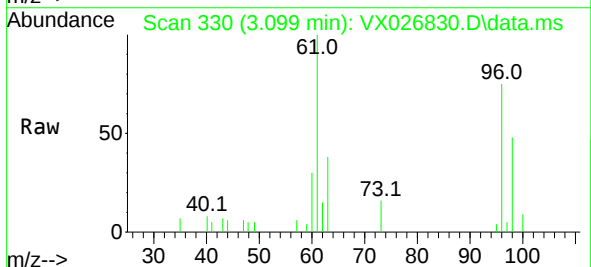
Instrument :
MSVOA_X
ClientSampleId :
MW-25S

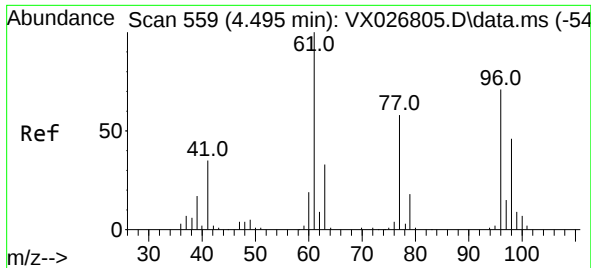
Tgt Ion: 73 Resp: 2148
Ion Ratio Lower Upper
73 100
57 21.0 17.4 26.2



#21
trans-1,2-Dichloroethene
Concen: 2.104 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.000 min
Lab File: VX026830.D
Acq: 08 Feb 2022 18:19

Tgt Ion: 96 Resp: 3007
Ion Ratio Lower Upper
96 100
61 133.1 112.9 169.3
98 64.4 49.5 74.3





#27

cis-1,2-Dichloroethene

Concen: 413.317 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX026830.D

Acq: 08 Feb 2022 18:19

Instrument :

MSVOA_X

ClientSampleId :

MW-25S

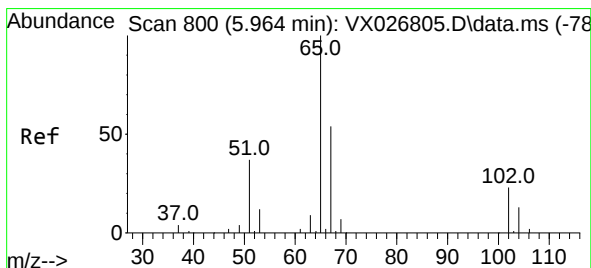
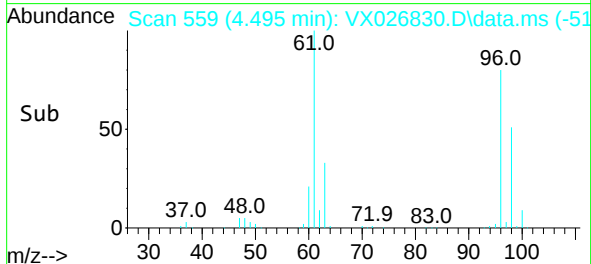
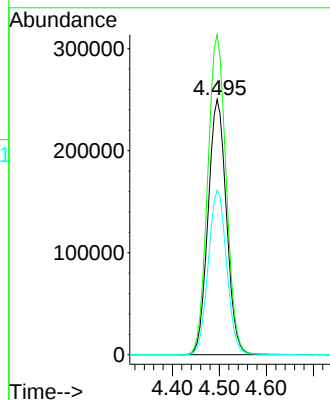
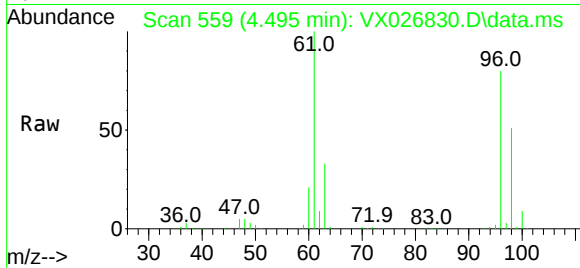
Tgt Ion: 96 Resp: 678381

Ion Ratio Lower Upper

96 100

61 126.1 0.0 296.6

98 64.7 0.0 128.8



#33

1,2-Dichloroethane-d4

Concen: 53.414 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX026830.D

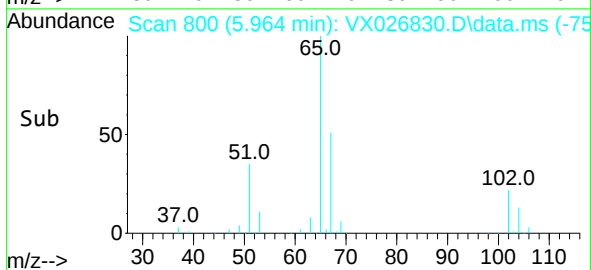
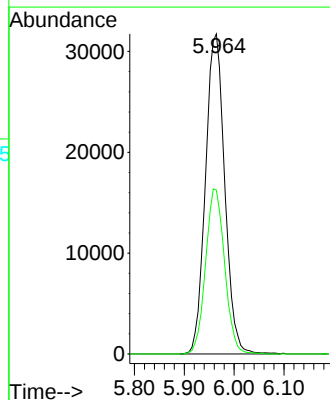
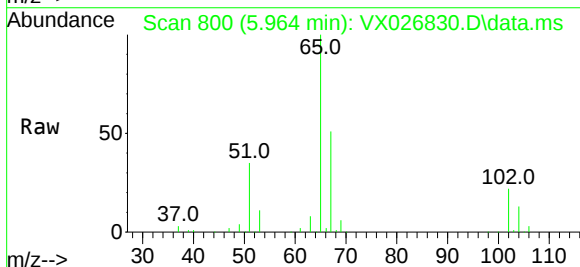
Acq: 08 Feb 2022 18:19

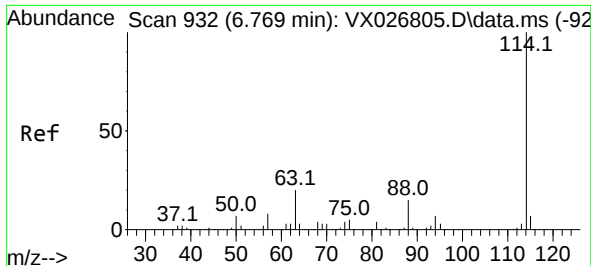
Tgt Ion: 65 Resp: 85109

Ion Ratio Lower Upper

65 100

67 51.0 0.0 100.8

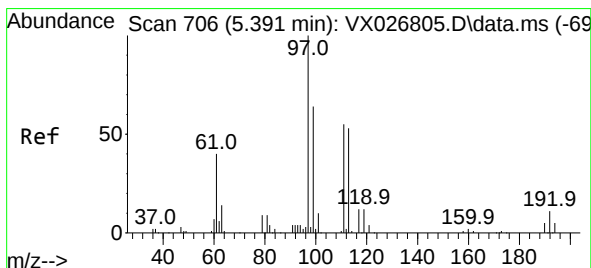
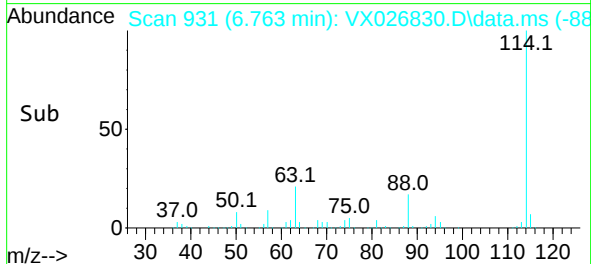
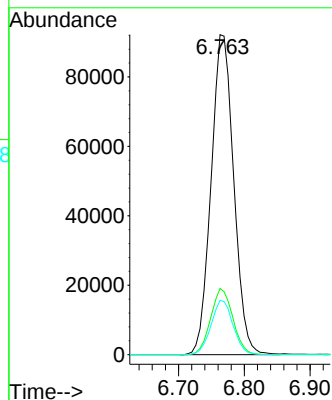
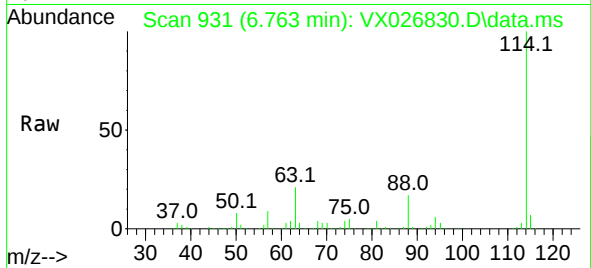




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026830.D
Acq: 08 Feb 2022 18:19

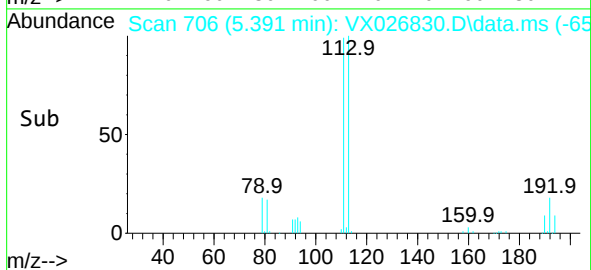
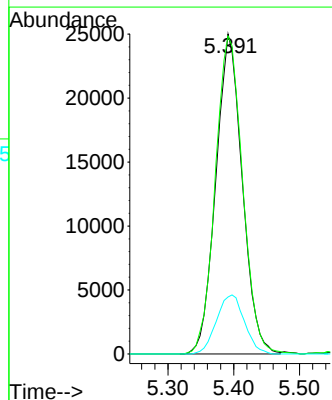
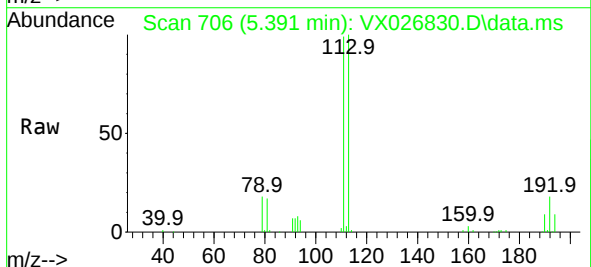
Instrument :
MSVOA_X
ClientSampleId :
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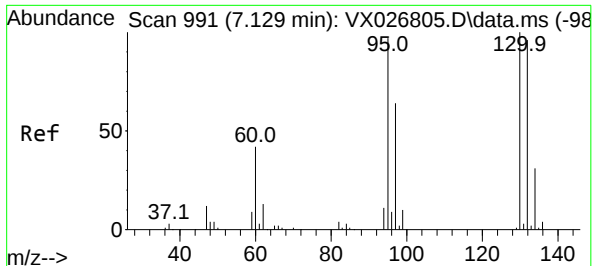
Tgt Ion:114 Resp: 221016
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.8
88 16.9 0.0 33.0



#35
Dibromofluoromethane
Concen: 52.974 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026830.D
Acq: 08 Feb 2022 18:19

Tgt Ion:113 Resp: 69754
Ion Ratio Lower Upper
113 100
111 102.8 81.2 121.8
192 19.5 15.0 22.4

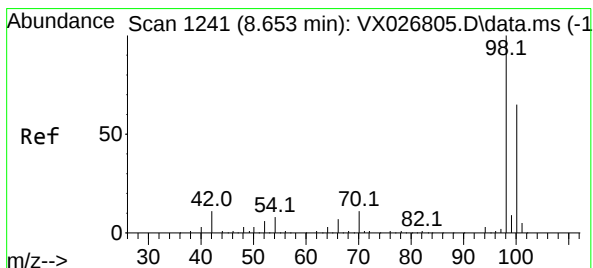
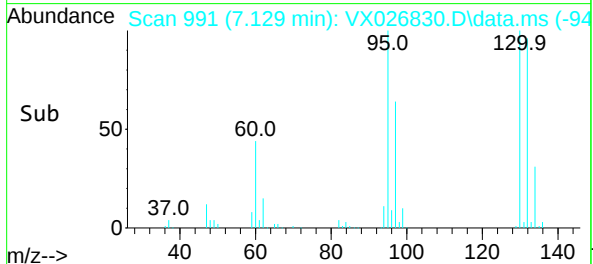
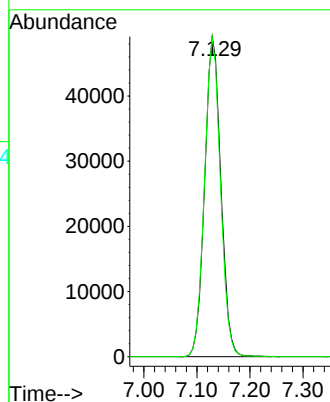
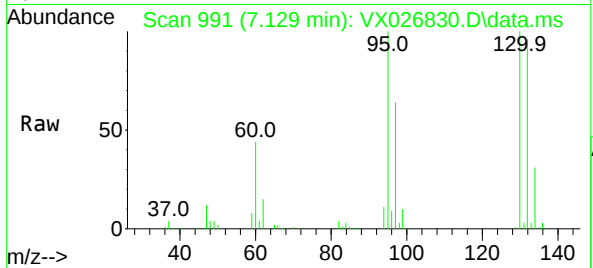




#44
Trichloroethene
Concen: 57.357 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX026830.D
Acq: 08 Feb 2022 18:19

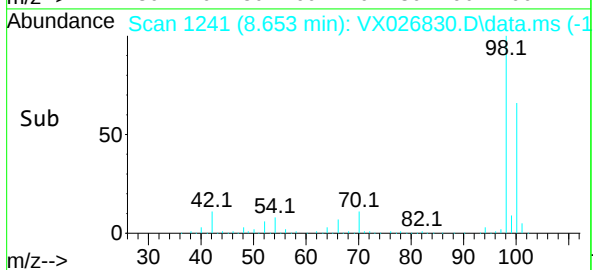
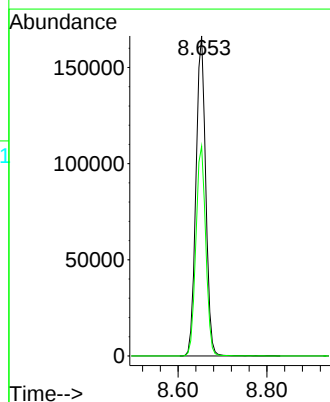
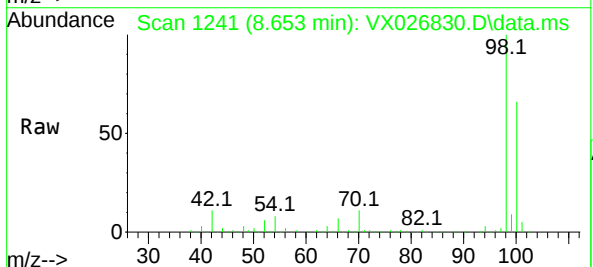
Instrument :
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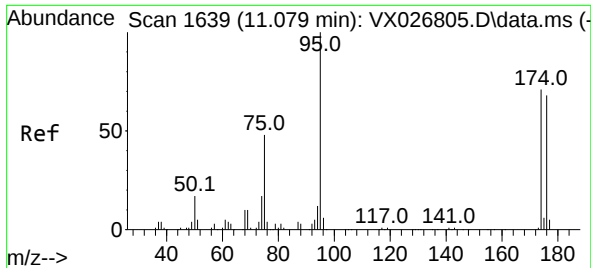
Tgt Ion:130 Resp: 104265
Ion Ratio Lower Upper
130 100
95 99.7 0.0 202.6



#50
Toluene-d8
Concen: 52.125 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026830.D
Acq: 08 Feb 2022 18:19

Tgt Ion: 98 Resp: 251945
Ion Ratio Lower Upper
98 100
100 66.3 53.2 79.8

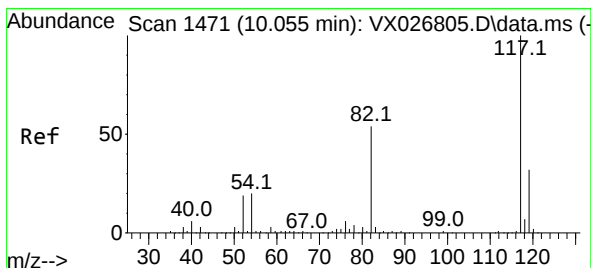
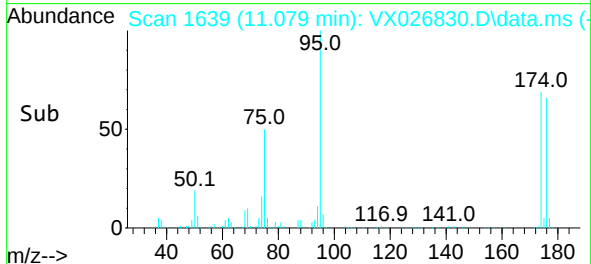
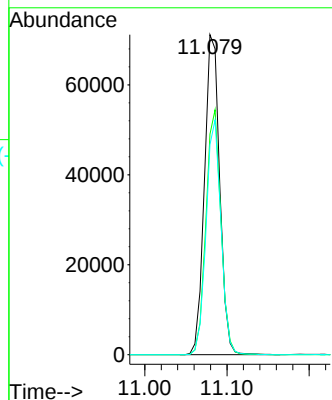
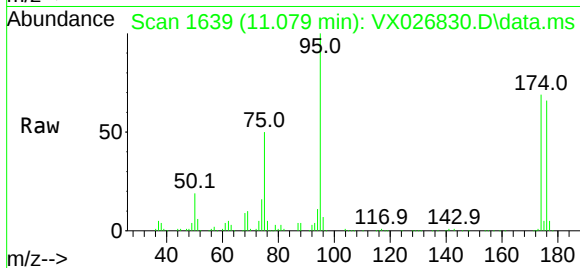




#62
4-Bromofluorobenzene
Concen: 53.789 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026830.D
Acq: 08 Feb 2022 18:19

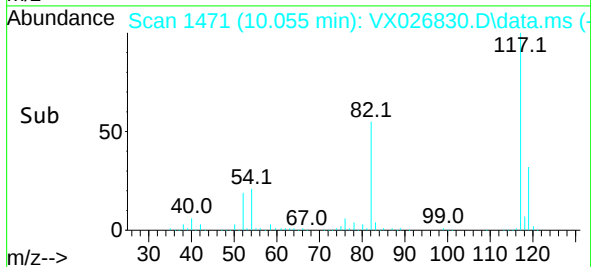
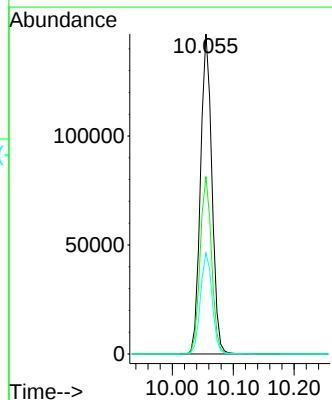
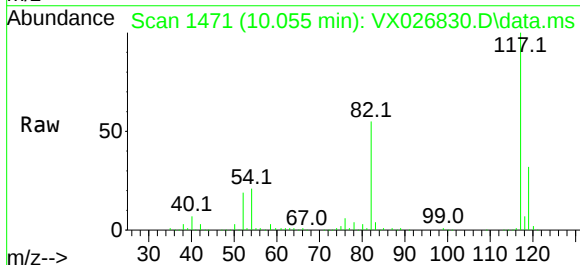
Instrument :
MSVOA_X
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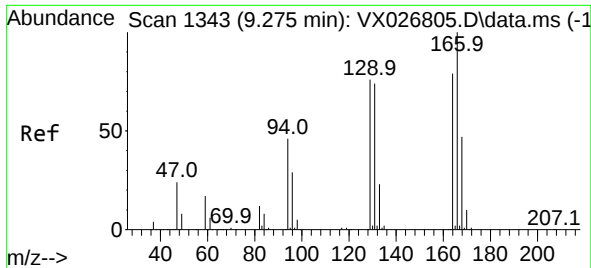
Tgt Ion: 95 Resp: 91533
Ion Ratio Lower Upper
95 100
174 75.0 0.0 148.6
176 71.8 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026830.D
Acq: 08 Feb 2022 18:19

Tgt Ion: 117 Resp: 190644
Ion Ratio Lower Upper
117 100
82 55.5 45.2 67.8
119 31.6 26.2 39.2

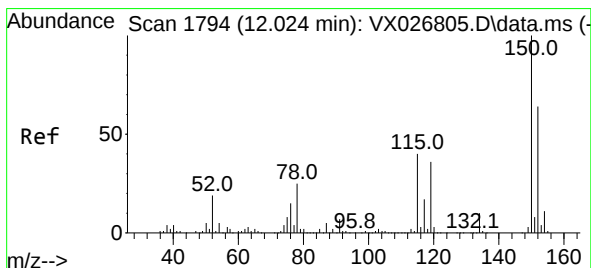
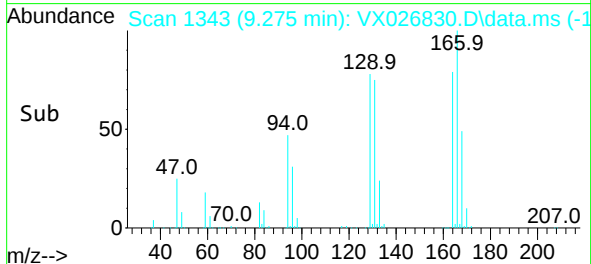
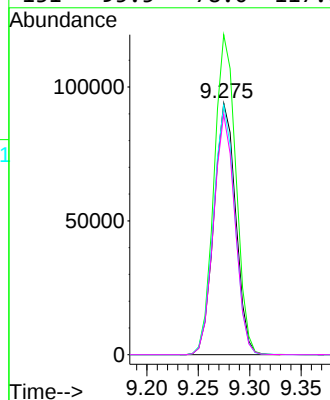
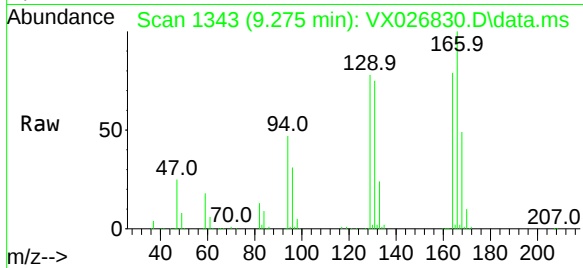




#64
Tetrachloroethene
Concen: 71.728 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026830.D
Acq: 08 Feb 2022 18:19

Instrument :
MSVOA_X
ClientSampleId :
MW-25S

Tgt Ion:164 Resp: 137341
Ion Ratio Lower Upper
164 100
166 127.2 101.8 152.6
129 99.1 83.3 124.9
131 95.5 78.0 117.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026830.D
Acq: 08 Feb 2022 18:19

Tgt Ion:152 Resp: 82991
Ion Ratio Lower Upper
152 100
115 60.6 44.2 132.6
150 159.8 0.0 348.2

