

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090122\
 Data File : VX031041.D
 Acq On : 01 Sep 2022 23:39
 Operator : JC/MD
 Sample : N4297-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20220821

Quant Time: Sep 02 02:57:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

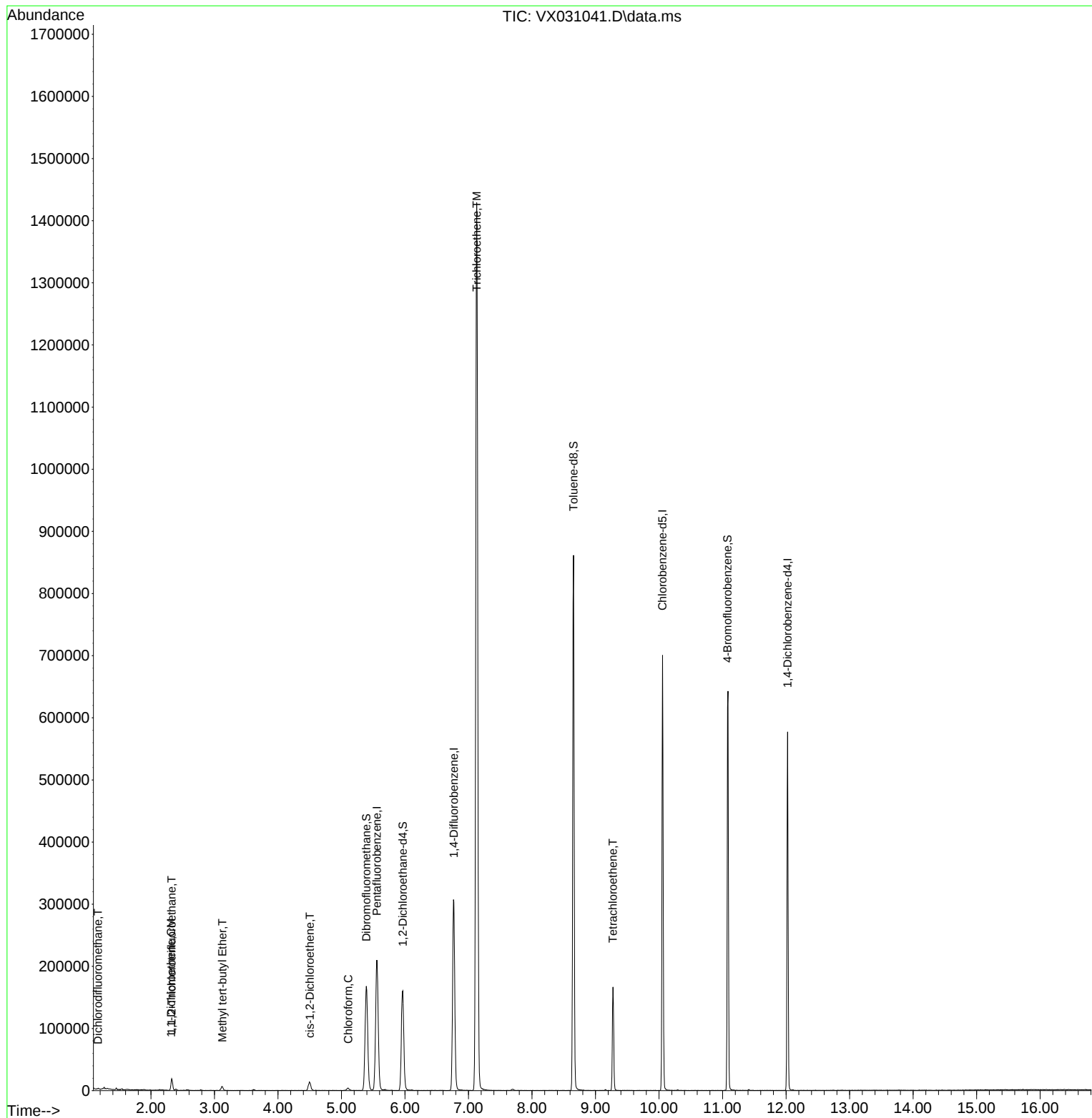
Internal Standards						
1) Pentafluorobenzene	5.556	168	215853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	344113	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	330523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	156883	56.486	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.980%	
35) Dibromofluoromethane	5.391	113	152736	60.821	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 121.640%	
50) Toluene-d8	8.653	98	545094	58.979	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 117.960%#	
62) 4-Bromofluorobenzene	11.079	95	184186	56.424	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.840%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	597	0.269	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.325	101	6076	2.340	ug/l	91
12) 1,1-Dichloroethene	2.319	96	1927	0.768	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	7136	0.924	ug/l	93
27) cis-1,2-Dichloroethene	4.501	96	9294	2.972	ug/l	88
30) Chloroform	5.105	83	4773	0.963	ug/l #	80
44) Trichloroethene	7.129	130	608096	190.241	ug/l	99
64) Tetrachloroethene	9.275	164	34640	10.497	ug/l	97

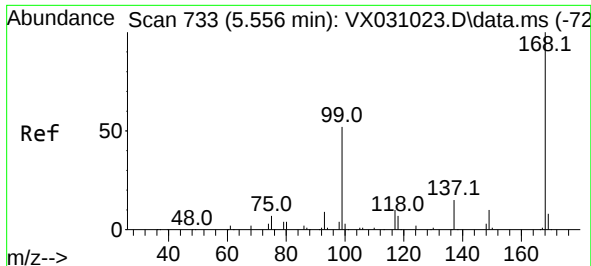
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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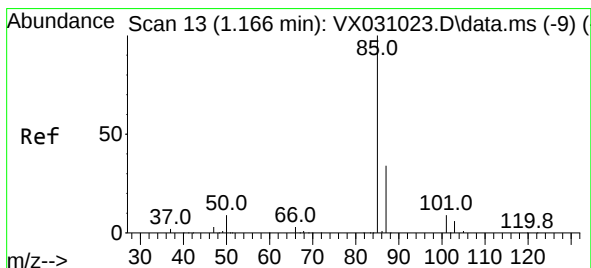
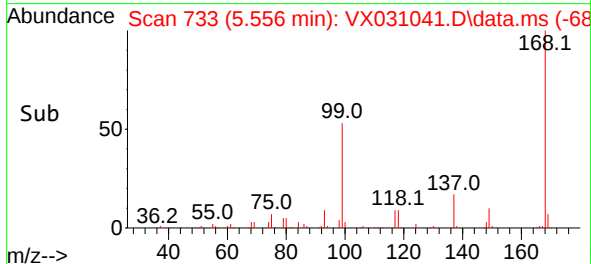
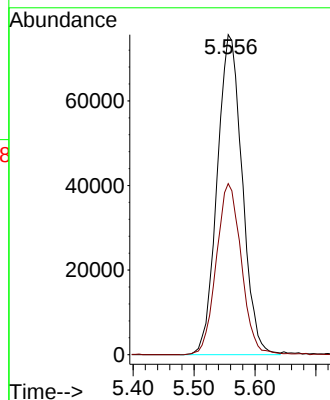
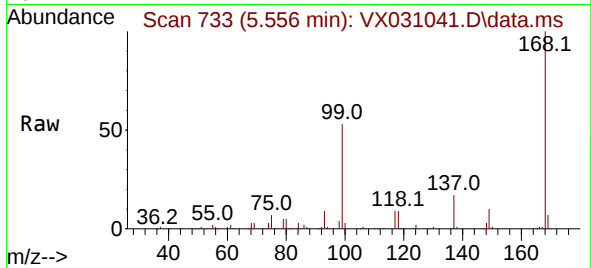




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031041.D
Acq: 01 Sep 2022 23:39

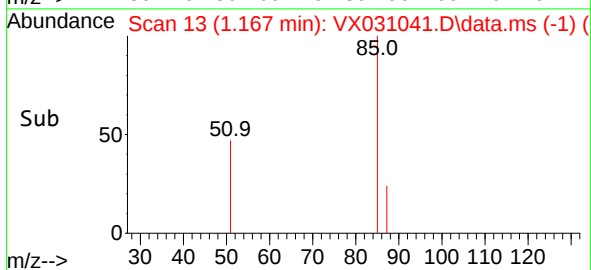
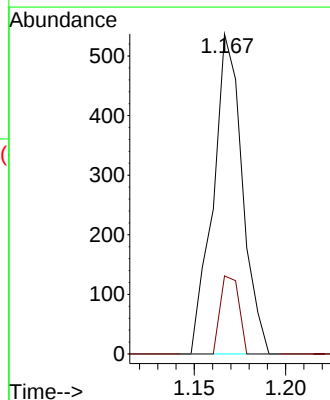
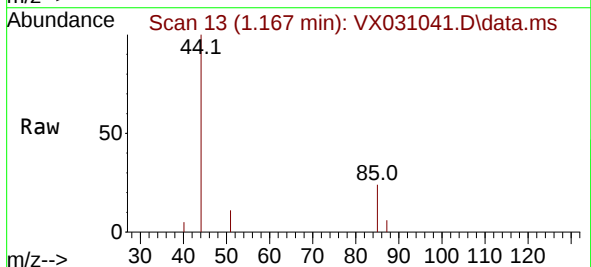
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20220821

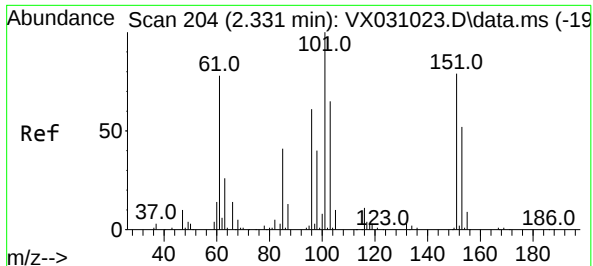
Tgt Ion:168 Resp: 215853
Ion Ratio Lower Upper
168 100
99 53.4 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 0.269 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX031041.D
Acq: 01 Sep 2022 23:39

Tgt Ion: 85 Resp: 597
Ion Ratio Lower Upper
85 100
87 24.4 16.5 49.5

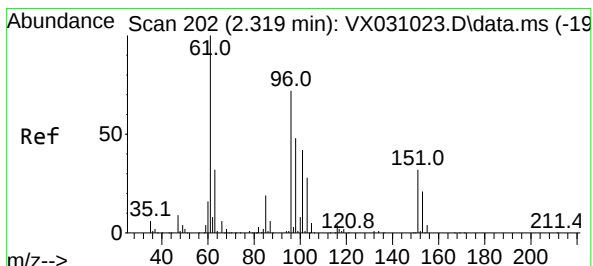
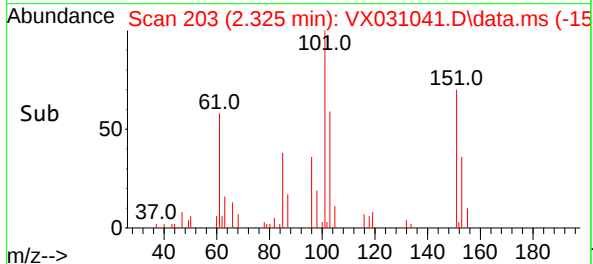
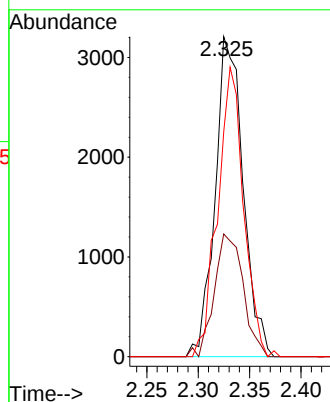
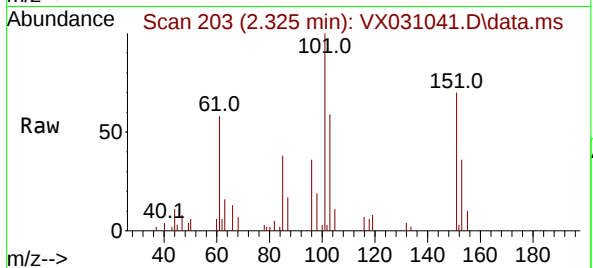




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.340 ug/l
RT: 2.325 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX031041.D
Acq: 01 Sep 2022 23:39

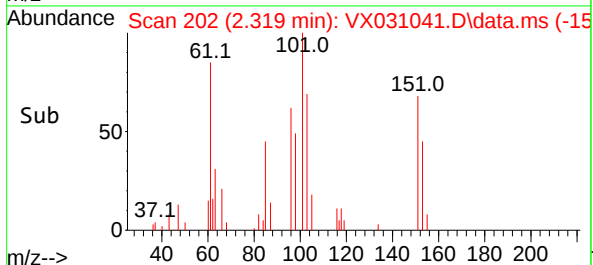
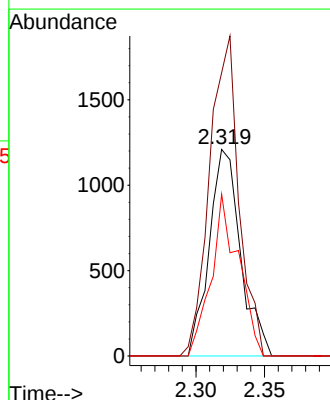
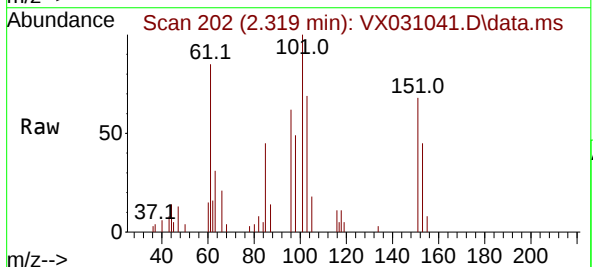
Instrument :
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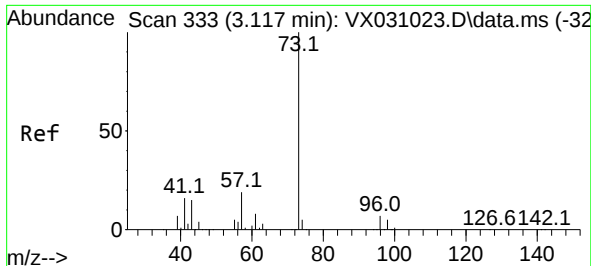
Tgt Ion:101 Resp: 6076
Ion Ratio Lower Upper
101 100
85 39.5 34.0 51.0
151 83.9 59.4 89.0



#12
1,1-Dichloroethene
Concen: 0.768 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX031041.D
Acq: 01 Sep 2022 23:39

Tgt Ion: 96 Resp: 1927
Ion Ratio Lower Upper
96 100
61 137.1 117.4 176.0
98 78.3 52.2 78.4

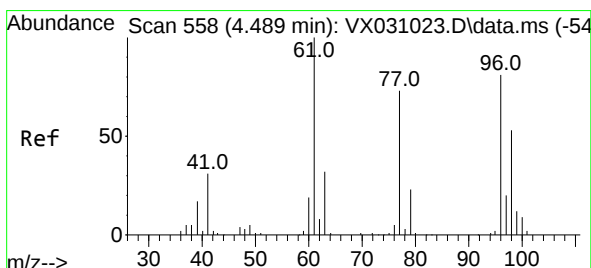
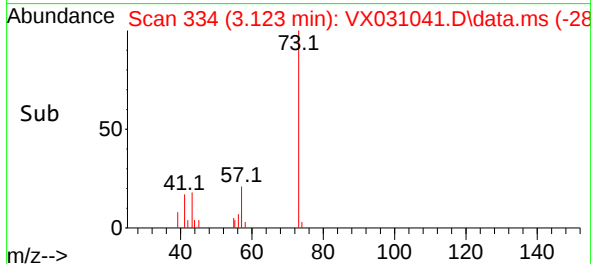
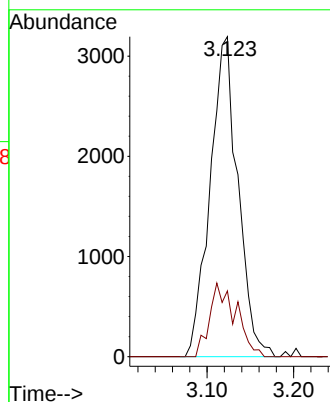
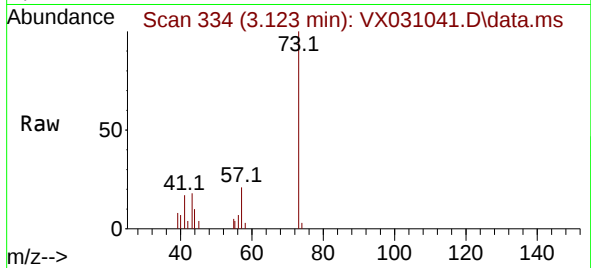




#19
Methyl tert-butyl Ether
Concen: 0.924 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX031041.D
Acq: 01 Sep 2022 23:39

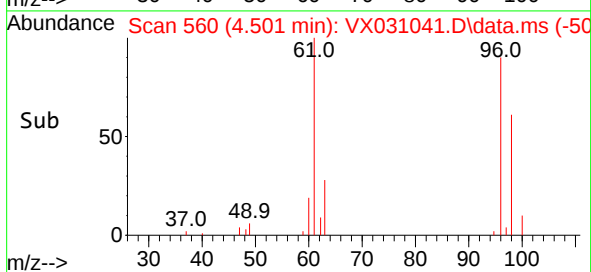
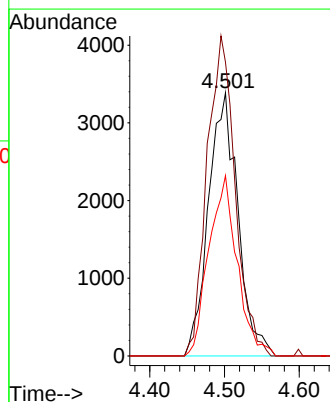
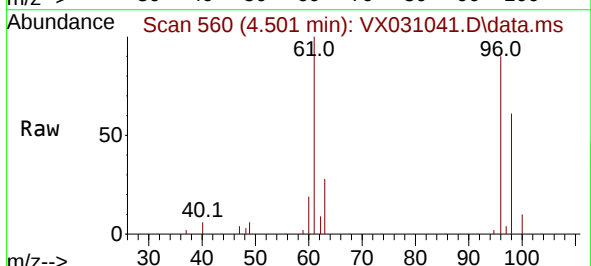
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20220821

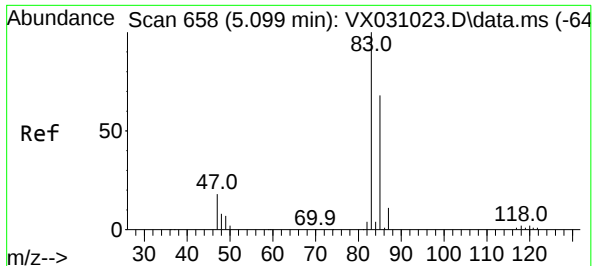
Tgt Ion: 73 Resp: 7136
Ion Ratio Lower Upper
73 100
57 20.6 19.0 28.6



#27
cis-1,2-Dichloroethene
Concen: 2.972 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX031041.D
Acq: 01 Sep 2022 23:39

Tgt Ion: 96 Resp: 9294
Ion Ratio Lower Upper
96 100
61 116.2 0.0 270.0
98 65.9 0.0 127.8





#30

Chloroform

Concen: 0.963 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX031041.D

Acq: 01 Sep 2022 23:39

Instrument :

MSVOA_X

ClientSampleId :

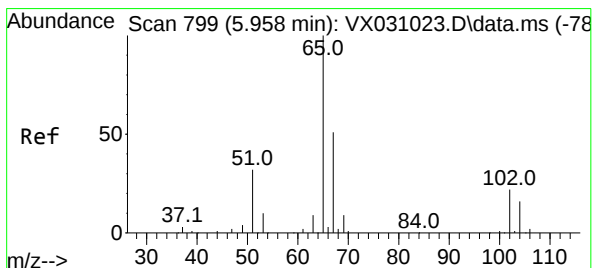
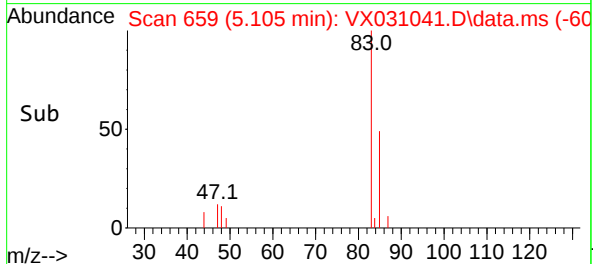
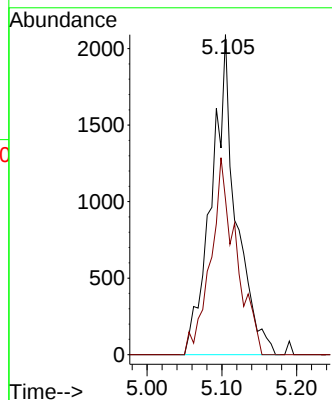
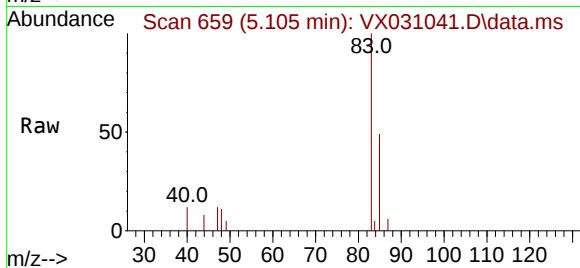
RE131D1-20220821

Tgt Ion: 83 Resp: 4773

Ion Ratio Lower Upper

83 100

85 48.5 51.5 77.3#



#33

1,2-Dichloroethane-d4

Concen: 56.486 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX031041.D

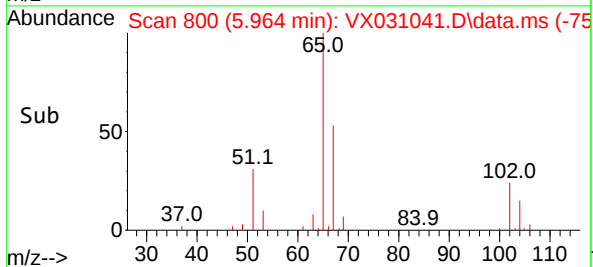
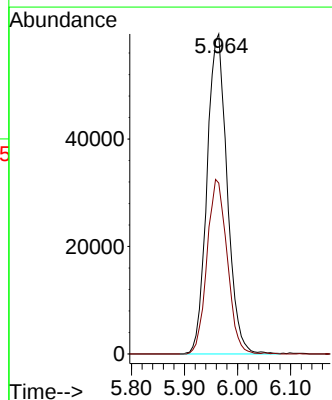
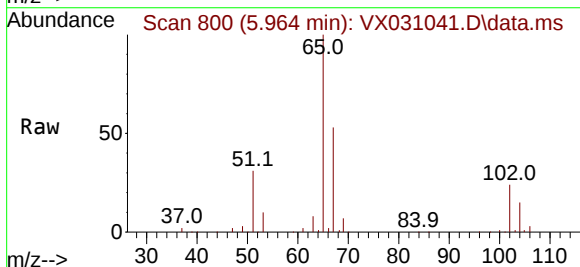
Acq: 01 Sep 2022 23:39

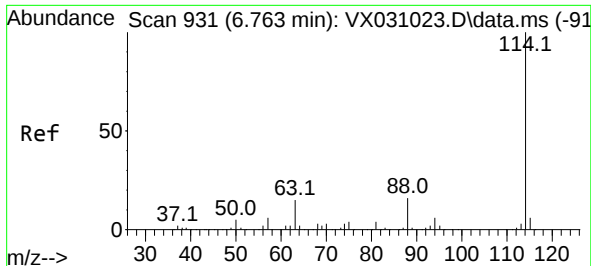
Tgt Ion: 65 Resp: 156883

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.6

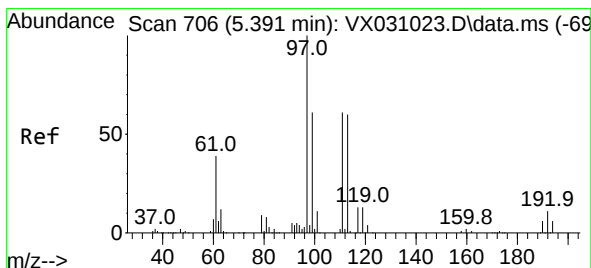
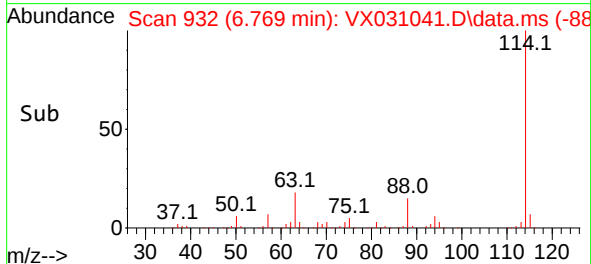
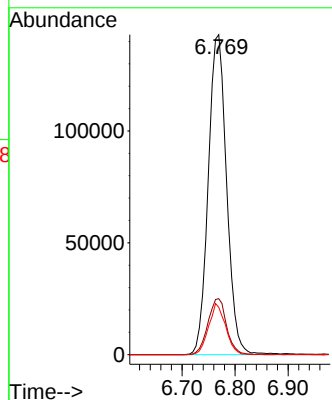
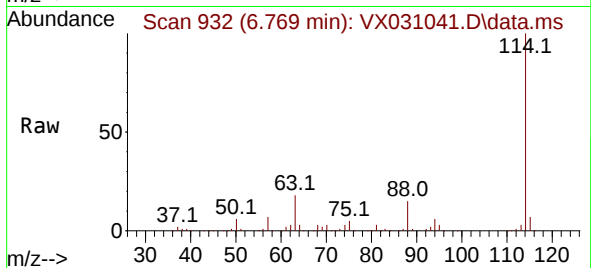




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX031041.D
Acq: 01 Sep 2022 23:39

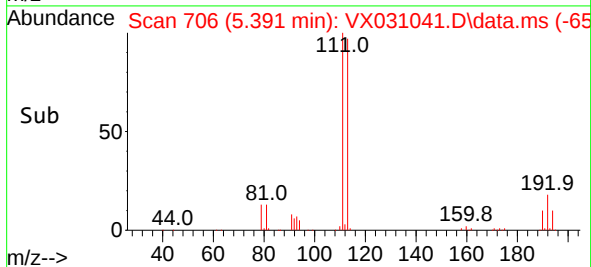
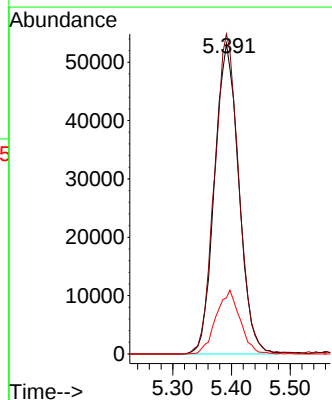
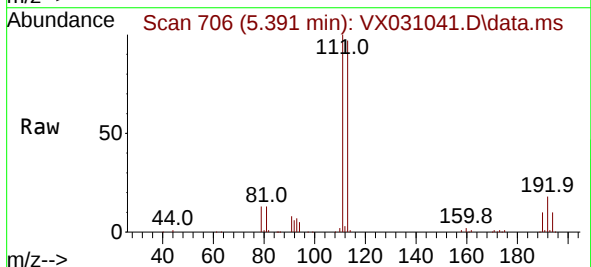
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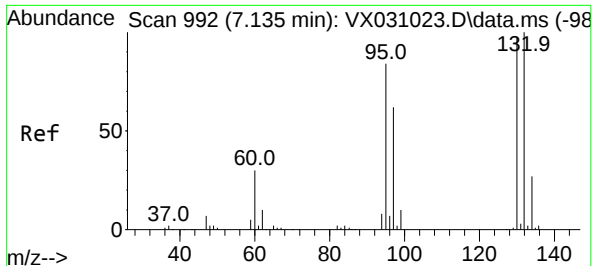
Tgt Ion:114 Resp: 344113
Ion Ratio Lower Upper
114 100
63 17.5 0.0 38.4
88 14.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 60.821 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031041.D
Acq: 01 Sep 2022 23:39

Tgt Ion:113 Resp: 152736
Ion Ratio Lower Upper
113 100
111 103.0 83.2 124.8
192 20.3 14.8 22.2

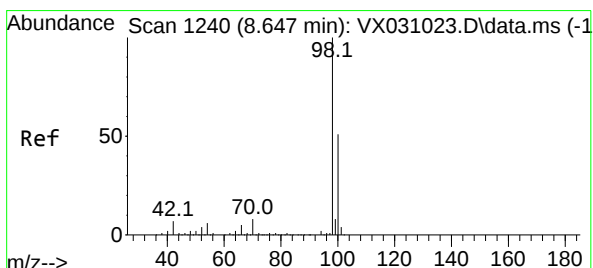
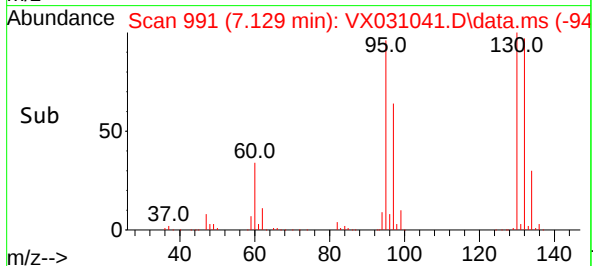
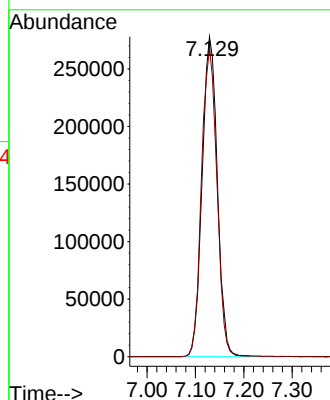
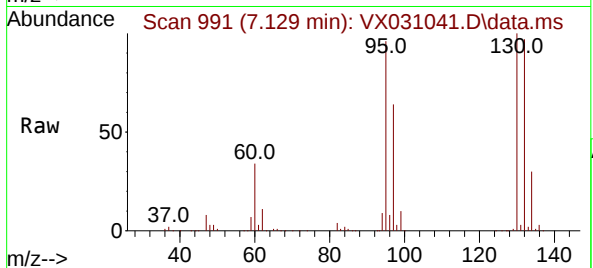




#44
Trichloroethene
Concen: 190.241 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031041.D
Acq: 01 Sep 2022 23:39

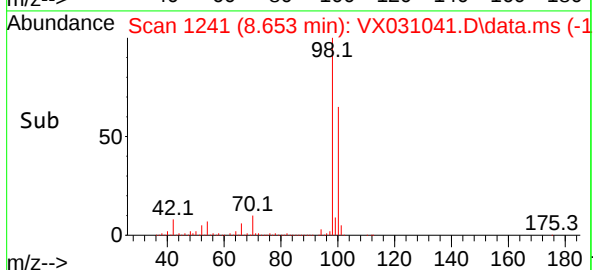
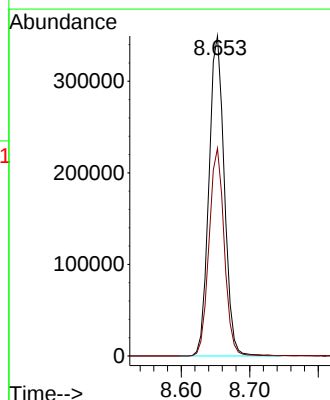
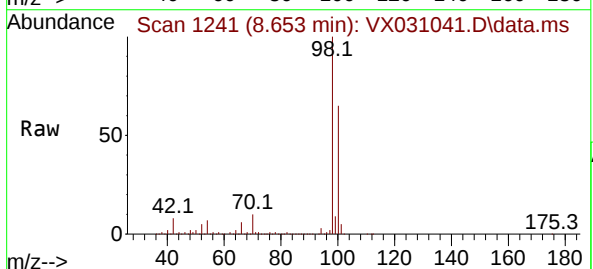
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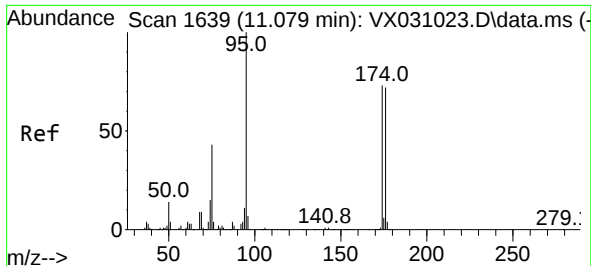
Tgt Ion:130 Resp: 608096
Ion Ratio Lower Upper
130 100
95 96.3 0.0 194.8



#50
Toluene-d8
Concen: 58.979 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031041.D
Acq: 01 Sep 2022 23:39

Tgt Ion: 98 Resp: 545094
Ion Ratio Lower Upper
98 100
100 64.2 52.3 78.5

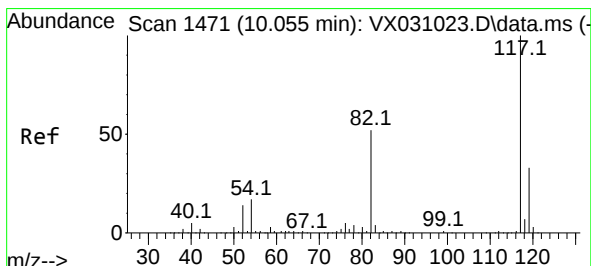
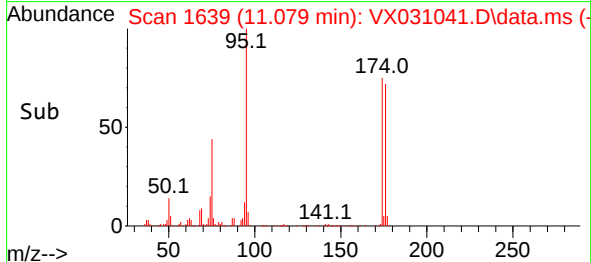
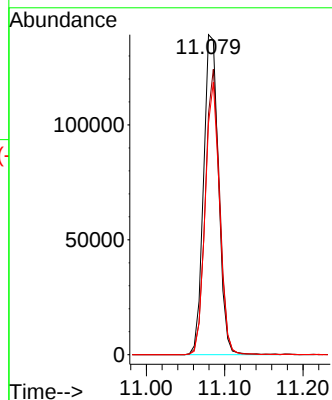
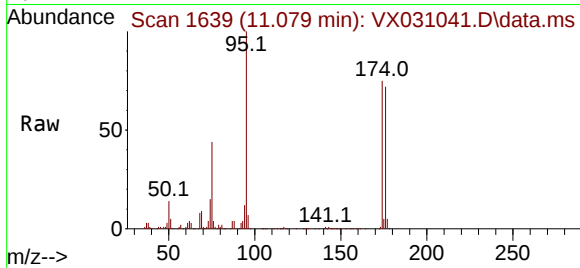




#62
4-Bromofluorobenzene
Concen: 56.424 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX031041.D
Acq: 01 Sep 2022 23:39

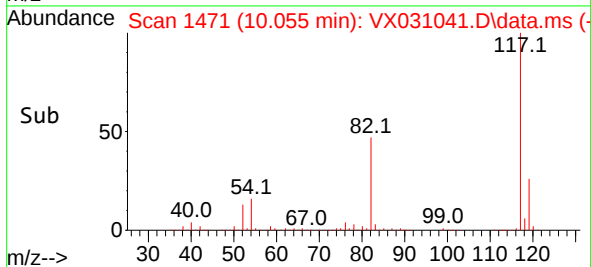
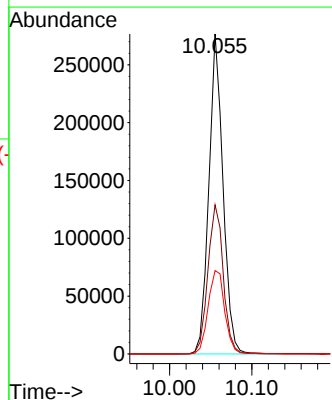
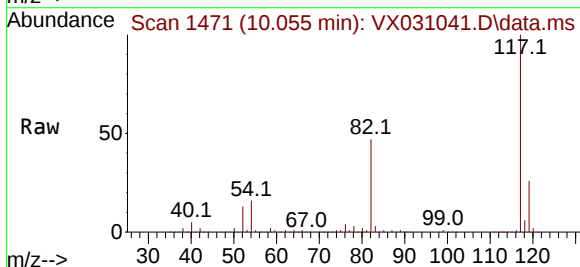
Instrument :
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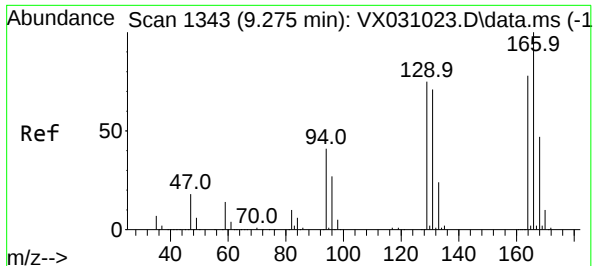
Tgt Ion: 95 Resp: 184186
Ion Ratio Lower Upper
95 100
174 85.6 0.0 149.0
176 82.1 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031041.D
Acq: 01 Sep 2022 23:39

Tgt Ion: 117 Resp: 330523
Ion Ratio Lower Upper
117 100
82 46.6 42.7 64.1
119 26.0 25.4 38.2



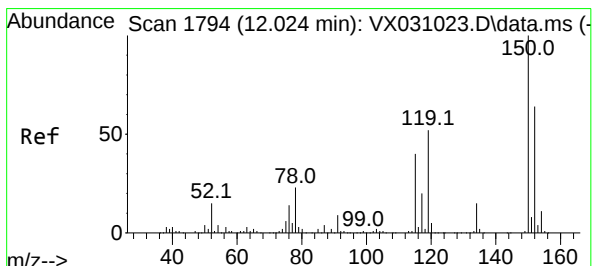
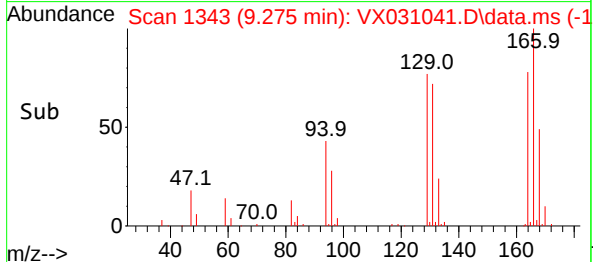
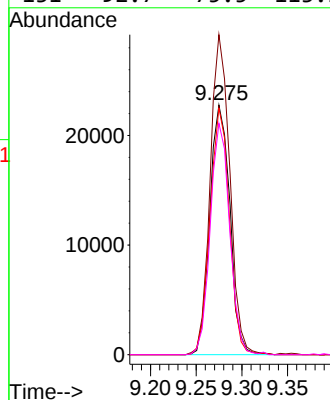
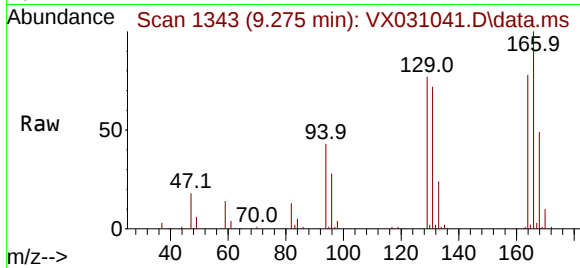


#64
Tetrachloroethene
Concen: 10.497 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031041.D
Acq: 01 Sep 2022 23:39

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20220821

Tgt Ion:164 Resp: 34640

Ion	Ratio	Lower	Upper
164	100		
166	128.2	98.2	147.4
129	98.8	80.8	121.2
131	92.7	75.5	113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031041.D
Acq: 01 Sep 2022 23:39

Tgt Ion:152 Resp: 127376

Ion	Ratio	Lower	Upper
152	100		
115	56.6	40.5	121.5
150	158.7	0.0	347.0

