

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061021\
 Data File : VX022649.D
 Acq On : 10 Jun 2021 17:18
 Operator : JC/MD
 Sample : M2652-04DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BRP2-20210608DL

Quant Time: Jun 11 06:46:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

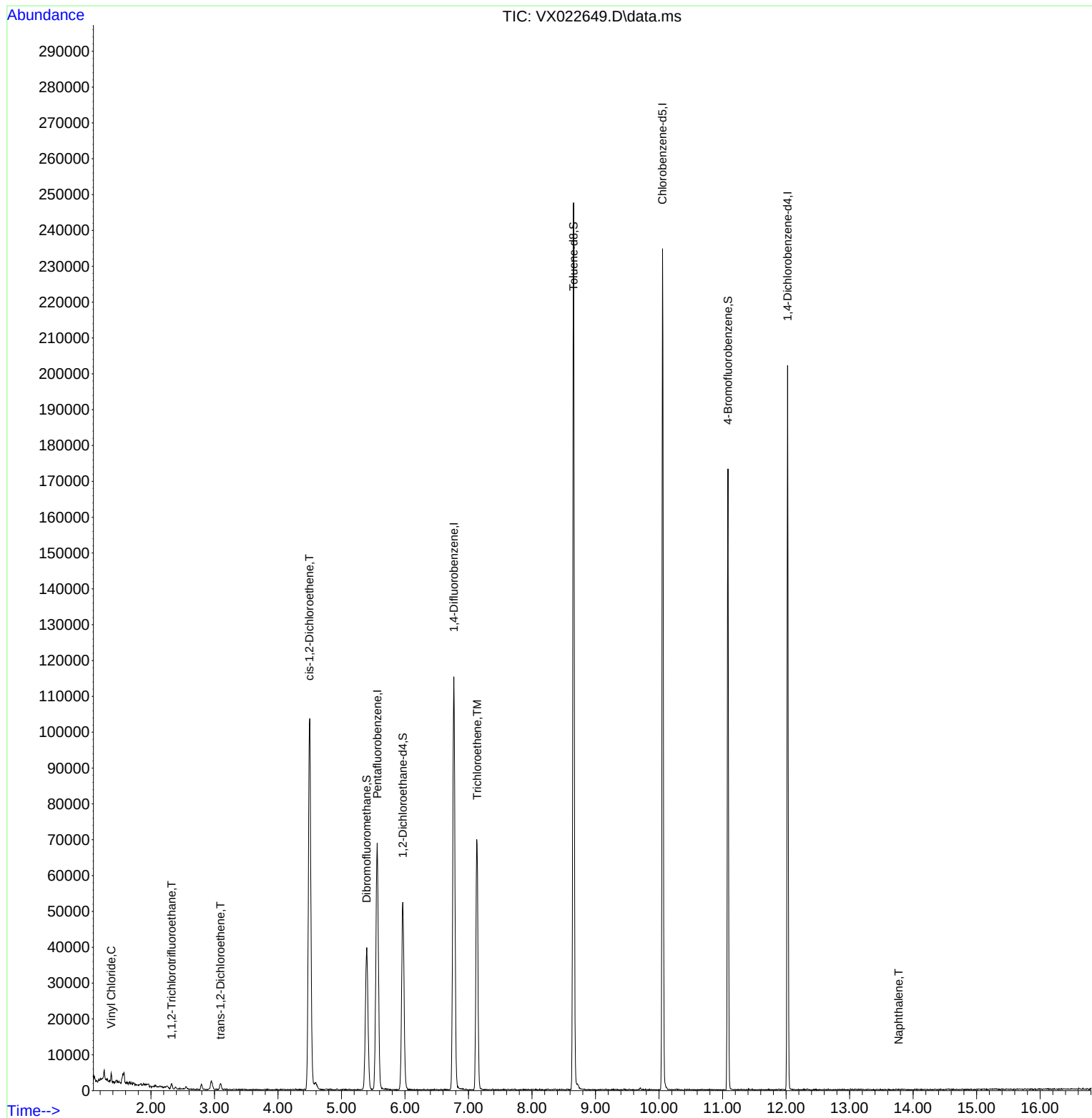
Internal Standards						
1) Pentafluorobenzene	5.562	168	56821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	113585	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	98809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47558	46.538	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.080%
35) Dibromofluoromethane	5.397	113	33511	46.241	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.480%
50) Toluene-d8	8.653	98	139072	48.681	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.360%
62) 4-Bromofluorobenzene	11.085	95	45741	42.335	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.680%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	1306	1.650	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	450	0.647	ug/l #	54
21) trans-1,2-Dichloroethene	3.093	96	661	0.865	ug/l #	78
27) cis-1,2-Dichloroethene	4.495	96	61403	65.928	ug/l	95
44) Trichloroethene	7.135	130	24979	31.603	ug/l	91
95) Naphthalene	13.774	128	85	1.502	ug/l #	69

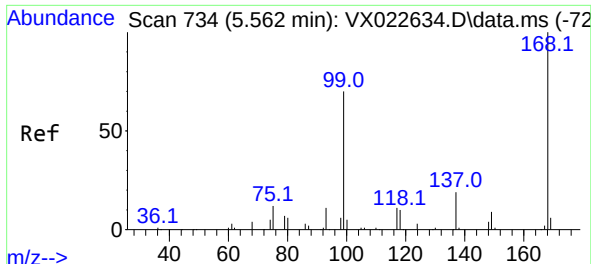
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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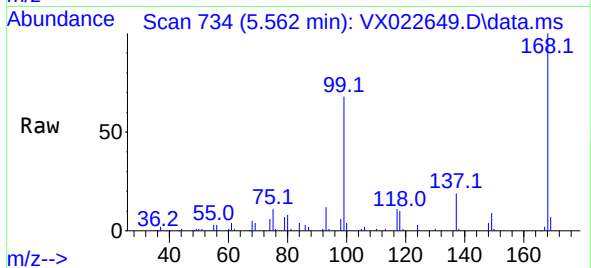
Quant Time: Jun 11 06:46:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
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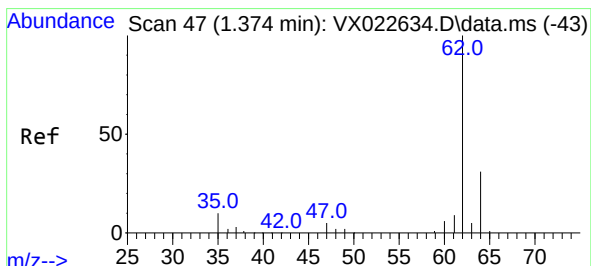
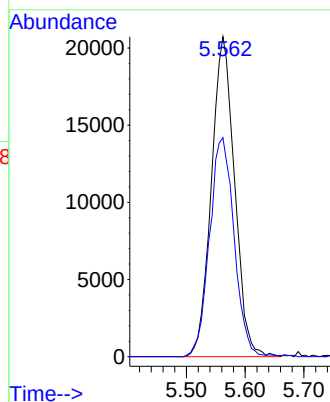
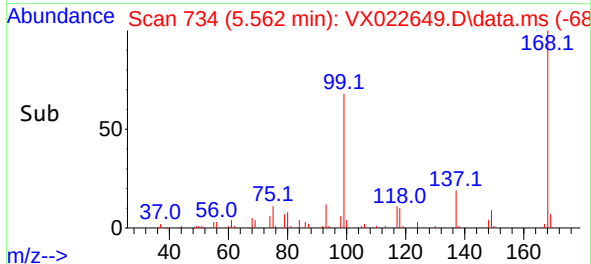


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022649.D
Acq: 10 Jun 2021 17:18

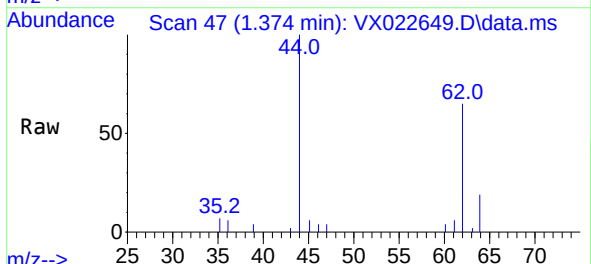
Instrument :
MSVOA_X
ClientSampleId :
BRP2-20210608DL



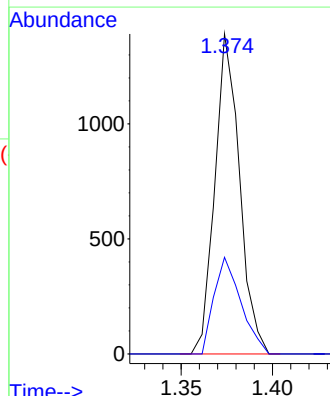
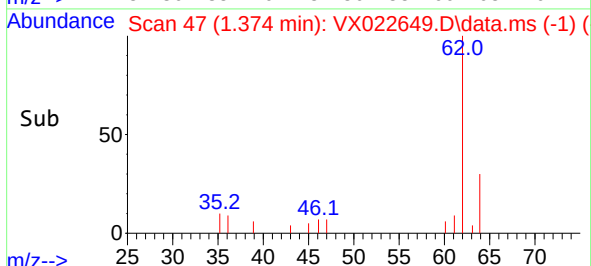
Tgt Ion:168 Resp: 56821
Ion Ratio Lower Upper
168 100
99 68.4 45.8 68.6

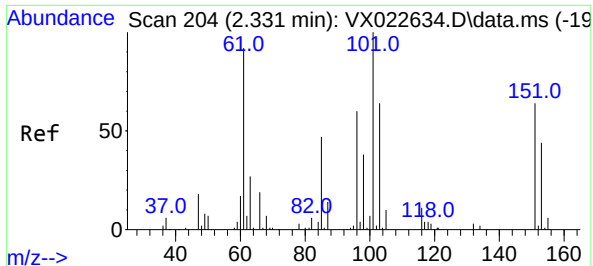


#4
Vinyl Chloride
Concen: 1.650 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX022649.D
Acq: 10 Jun 2021 17:18



Tgt Ion: 62 Resp: 1306
Ion Ratio Lower Upper
62 100
64 30.2 25.7 38.5

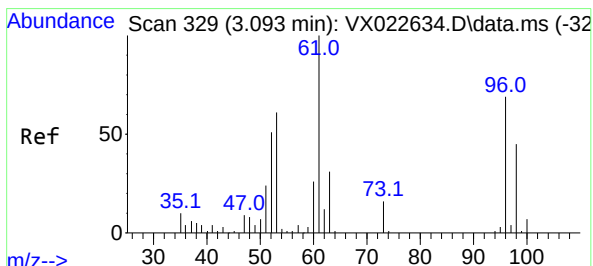
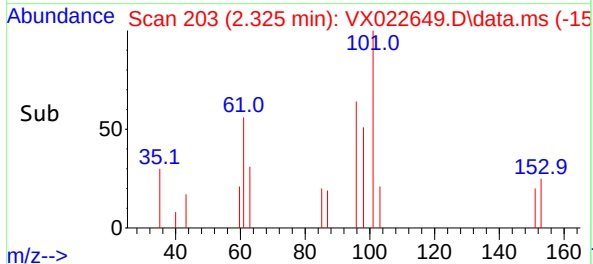
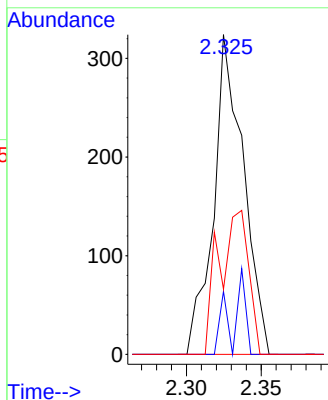
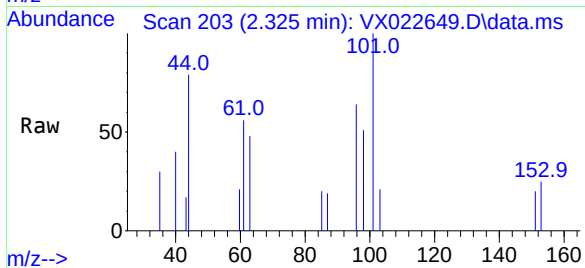




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.647 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX022649.D
Acq: 10 Jun 2021 17:18

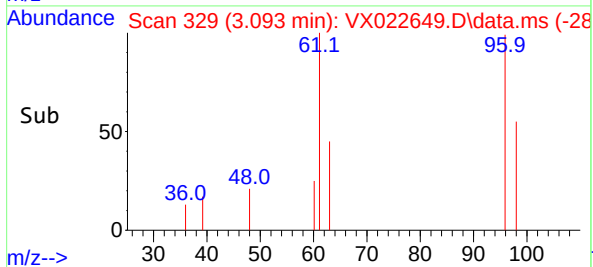
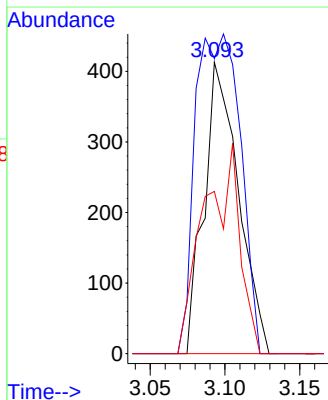
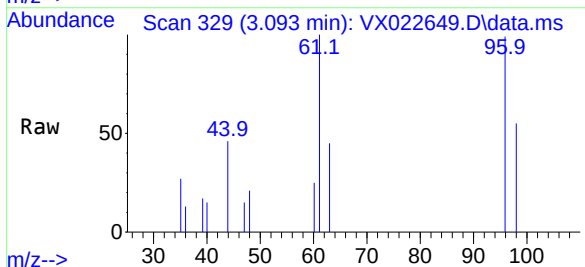
Instrument :
MSVOA_X
ClientSampleId :
BRP2-20210608DL

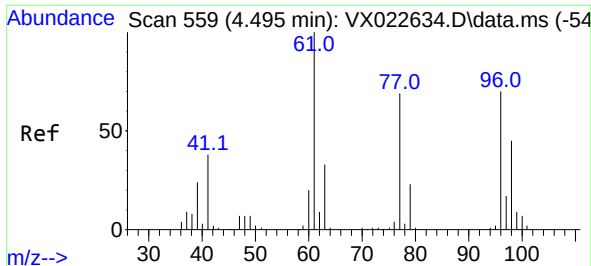
Tgt Ion:101 Resp: 450
Ion Ratio Lower Upper
101 100
85 5.1 34.9 52.3#
151 44.4 61.4 92.2#



#21
trans-1,2-Dichloroethene
Concen: 0.865 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX022649.D
Acq: 10 Jun 2021 17:18

Tgt Ion: 96 Resp: 661
Ion Ratio Lower Upper
96 100
61 101.2 107.7 161.5#
98 55.7 50.4 75.6





#27

cis-1,2-Dichloroethene

Concen: 65.928 ug/l

RT: 4.495 min Scan# 559

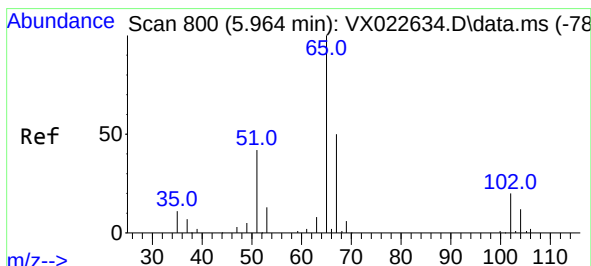
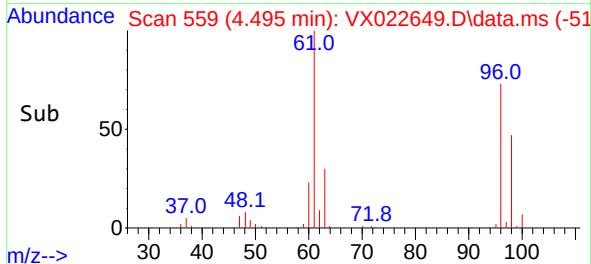
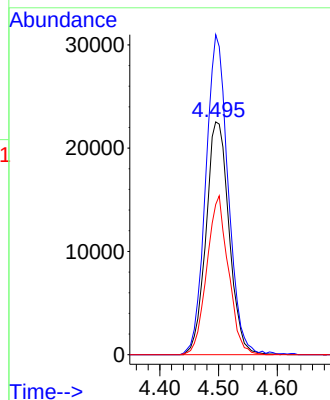
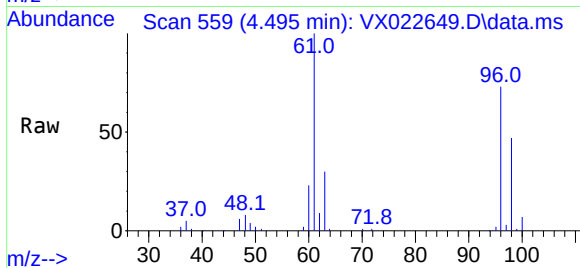
Delta R.T. 0.000 min

Lab File: VX022649.D

Acq: 10 Jun 2021 17:18

Tgt Ion: 96 Resp: 61403

Ion	Ratio	Lower	Upper
96	100		
61	133.9	0.0	285.6
98	63.9	0.0	129.6



#33

1,2-Dichloroethane-d4

Concen: 46.538 ug/l

RT: 5.964 min Scan# 800

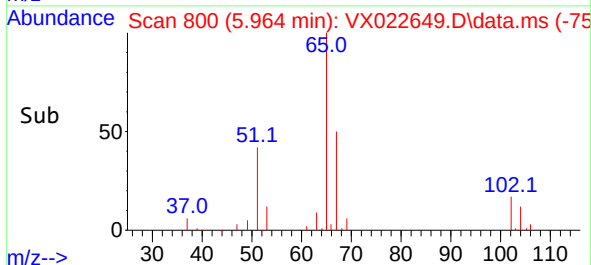
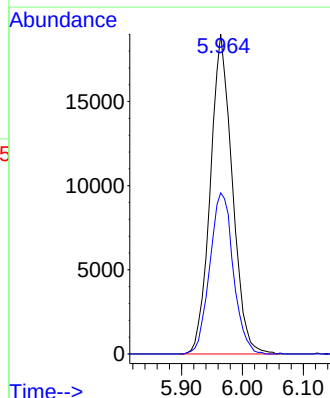
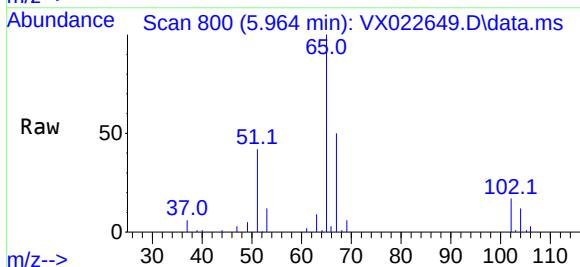
Delta R.T. 0.000 min

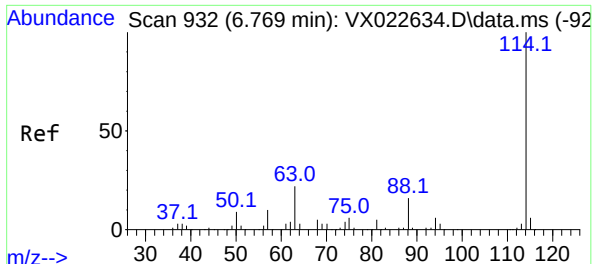
Lab File: VX022649.D

Acq: 10 Jun 2021 17:18

Tgt Ion: 65 Resp: 47558

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	105.4

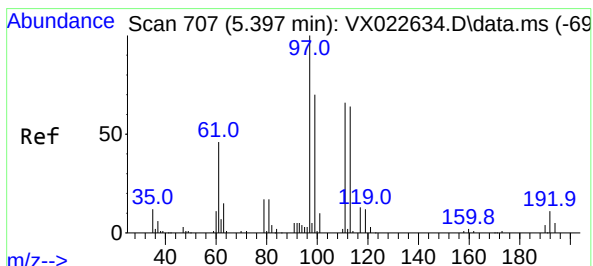
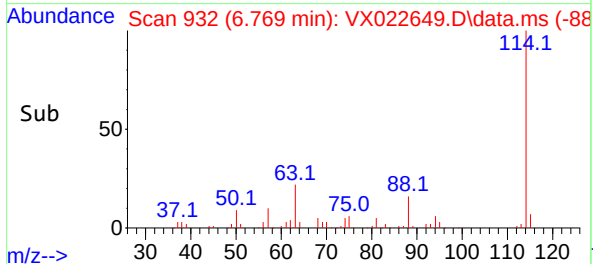
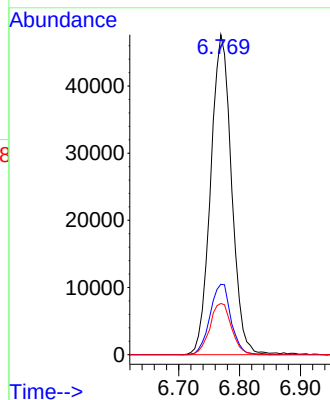
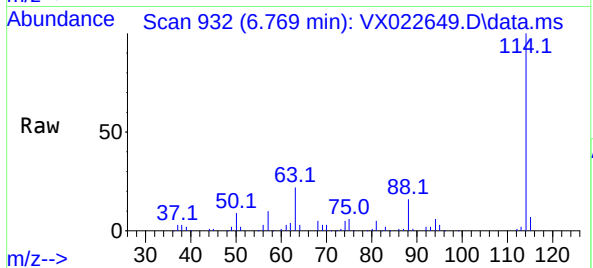




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022649.D
Acq: 10 Jun 2021 17:18

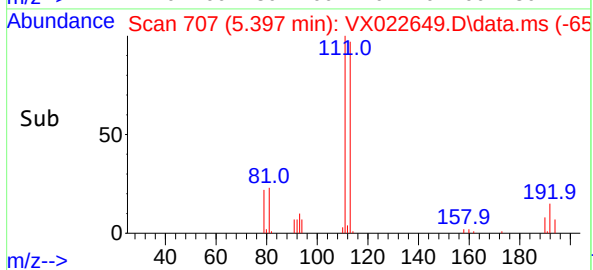
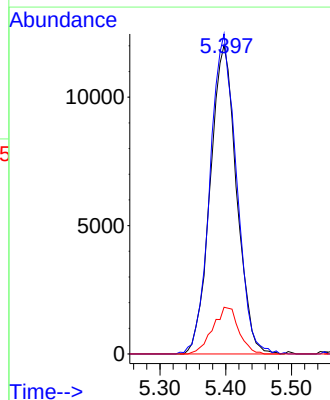
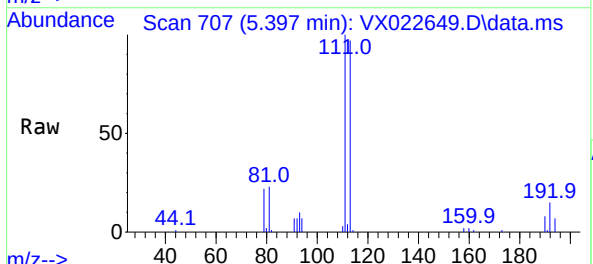
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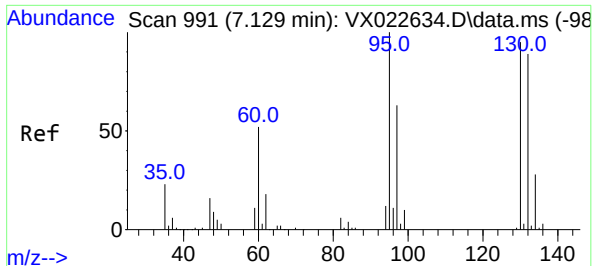
Tgt Ion:114 Resp: 113585
Ion Ratio Lower Upper
114 100
63 22.0 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.241 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022649.D
Acq: 10 Jun 2021 17:18

Tgt Ion:113 Resp: 33511
Ion Ratio Lower Upper
113 100
111 104.1 81.9 122.9
192 14.9 16.7 25.1#

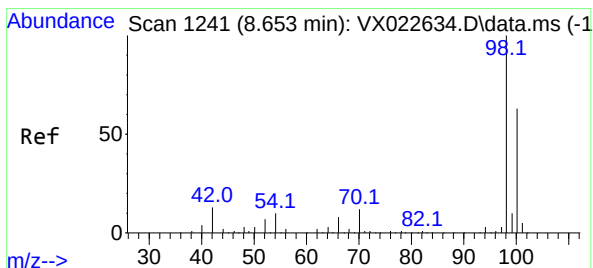
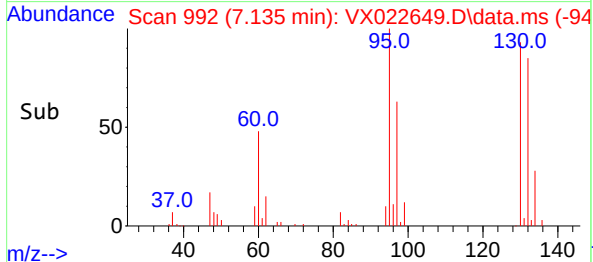
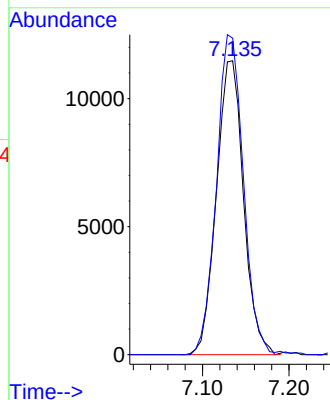
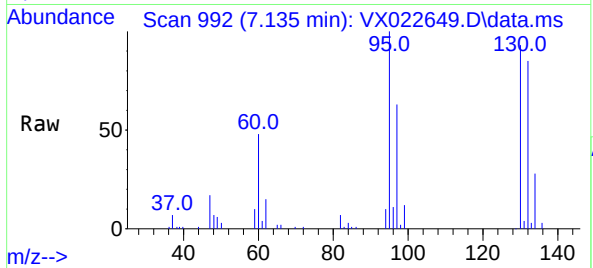




#44
Trichloroethene
Concen: 31.603 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022649.D
Acq: 10 Jun 2021 17:18

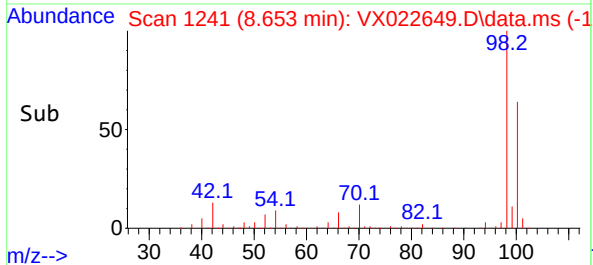
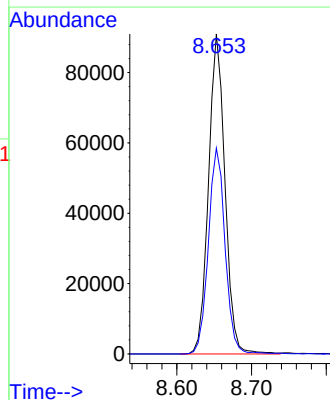
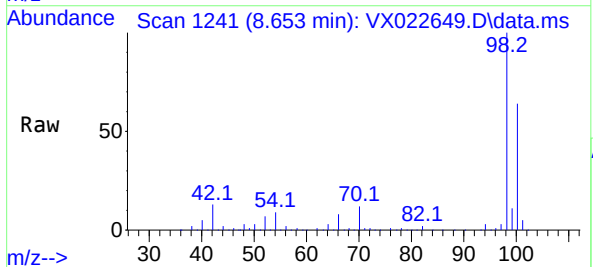
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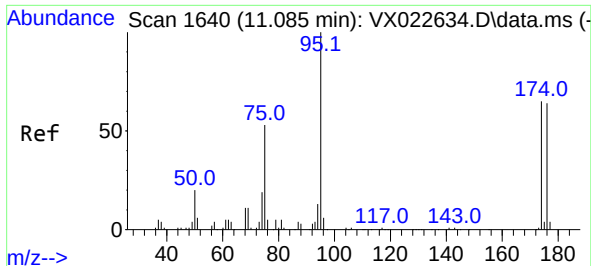
Tgt Ion:130 Resp: 24979
Ion Ratio Lower Upper
130 100
95 107.7 0.0 198.0



#50
Toluene-d8
Concen: 48.681 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022649.D
Acq: 10 Jun 2021 17:18

Tgt Ion: 98 Resp: 139072
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



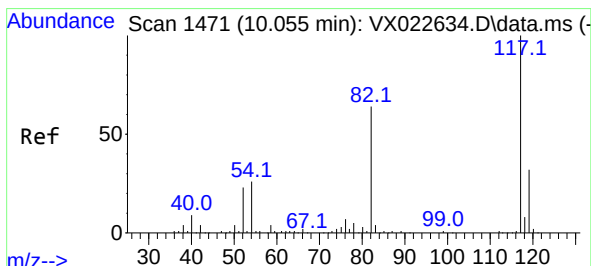
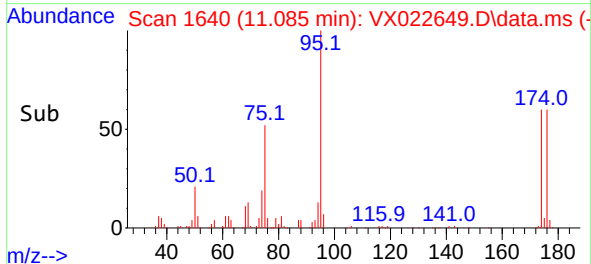
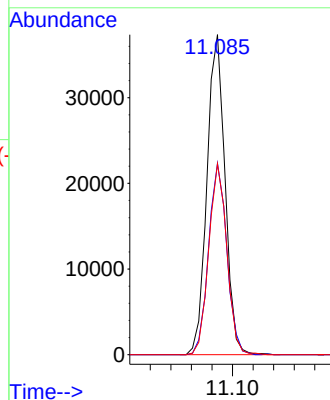
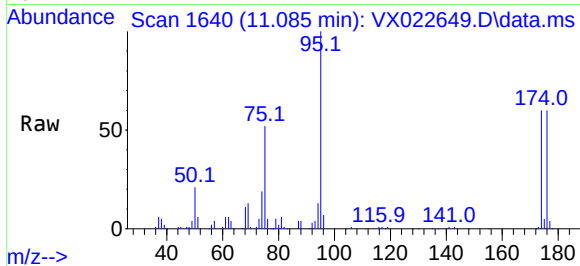


#62
4-Bromofluorobenzene
Concen: 42.335 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022649.D
Acq: 10 Jun 2021 17:18

Instrument :
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ClientSampleId :
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Tgt Ion: 95 Resp: 45741

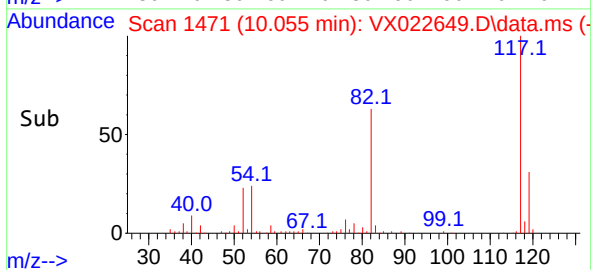
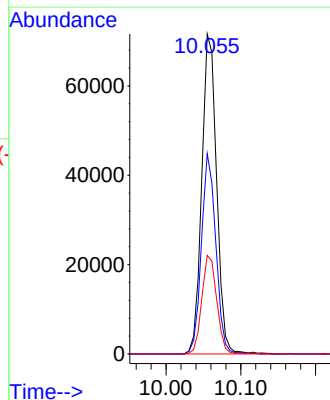
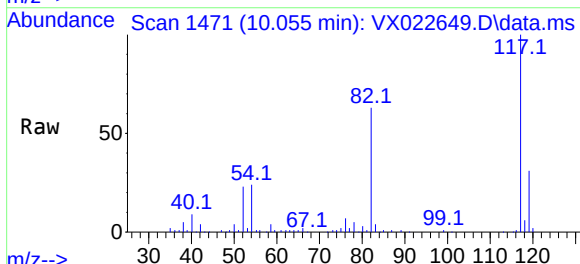
Ion	Ratio	Lower	Upper
95	100		
174	60.3	0.0	154.6
176	59.7	0.0	155.8

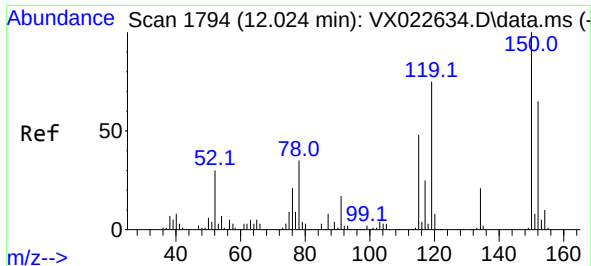


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022649.D
Acq: 10 Jun 2021 17:18

Tgt Ion: 117 Resp: 98809

Ion	Ratio	Lower	Upper
117	100		
82	62.6	47.4	71.2
119	30.8	26.6	39.8

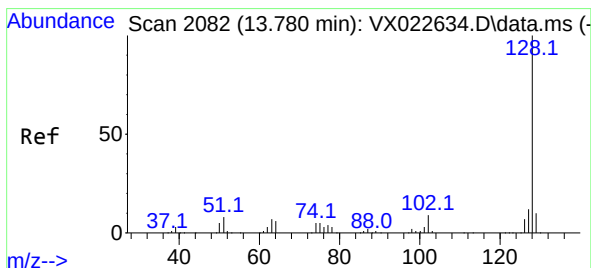
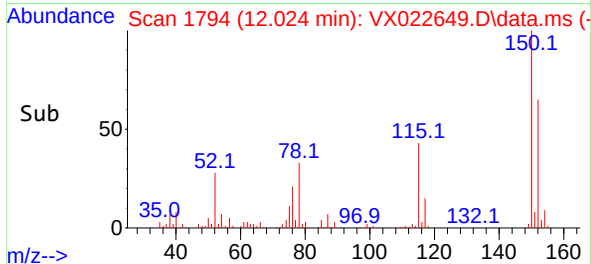
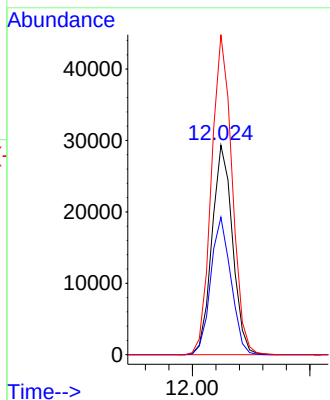
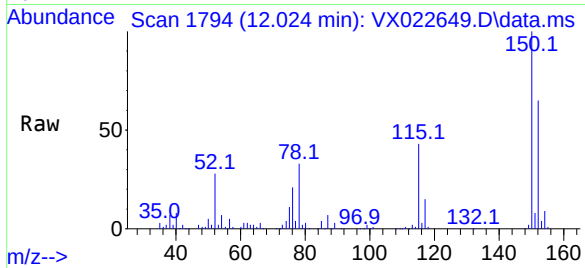




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022649.D
Acq: 10 Jun 2021 17:18

Instrument :
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Tgt Ion:152 Resp: 35776
Ion Ratio Lower Upper
152 100
115 64.3 41.1 123.3
150 153.1 0.0 349.0



#95
Naphthalene
Concen: 1.502 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX022649.D
Acq: 10 Jun 2021 17:18

Tgt Ion:128 Resp: 85
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

