

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060322\
 Data File : VX029202.D
 Acq On : 03 Jun 2022 19:55
 Operator : JC/MD
 Sample : N3022-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 48BR-20220525

Quant Time: Jun 06 02:37:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

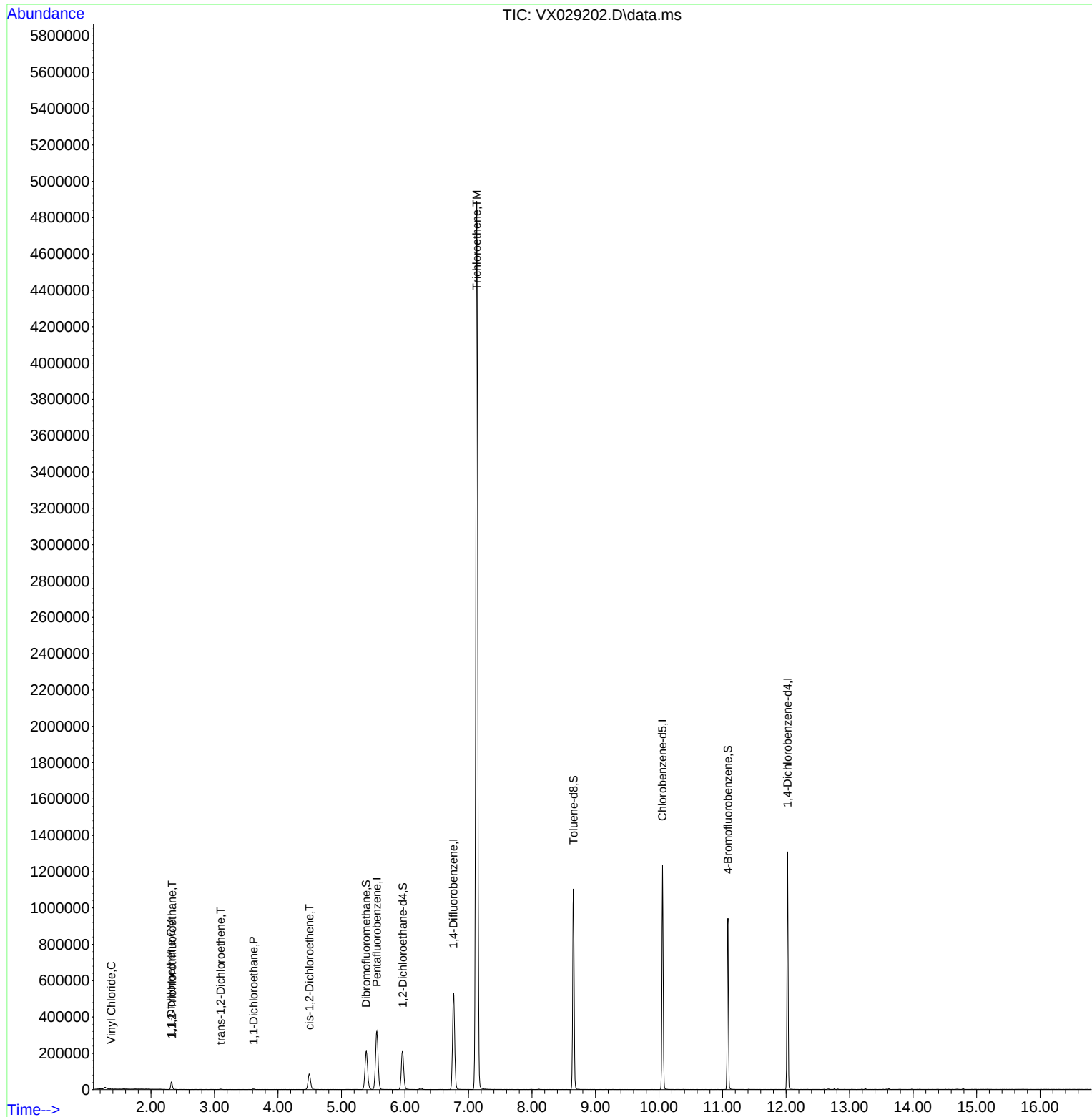
Internal Standards						
1) Pentafluorobenzene	5.556	168	302851	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	569657	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	562103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	263678	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	204346	59.836	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 119.680%	
35) Dibromofluoromethane	5.385	113	188519	49.823	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.640%	
50) Toluene-d8	8.653	98	681031	49.211	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.420%	
62) 4-Bromofluorobenzene	11.085	95	270987	50.657	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.320%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	2160	0.713	ug/l	# 76
9) 1,1,2-Trichlorotrifluo...	2.331	101	5239	1.876	ug/l	95
12) 1,1-Dichloroethene	2.319	96	11504	4.215	ug/l	96
21) trans-1,2-Dichloroethene	3.099	96	1338	0.434	ug/l	# 92
24) 1,1-Dichloroethane	3.617	63	4265	0.841	ug/l	# 90
27) cis-1,2-Dichloroethene	4.495	96	58207	15.850	ug/l	87
44) Trichloroethene	7.129	130	1967608	466.122	ug/l	96

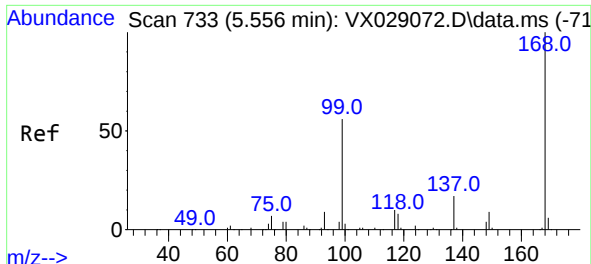
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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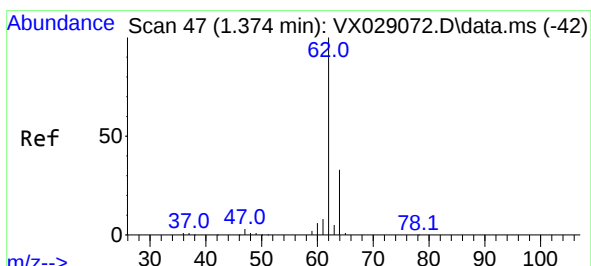
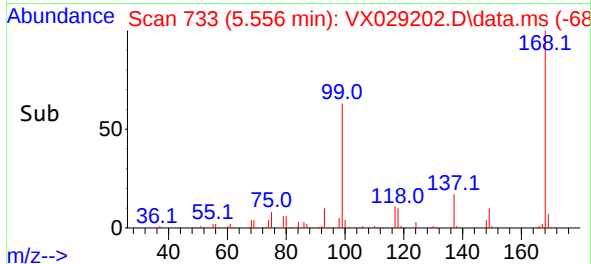
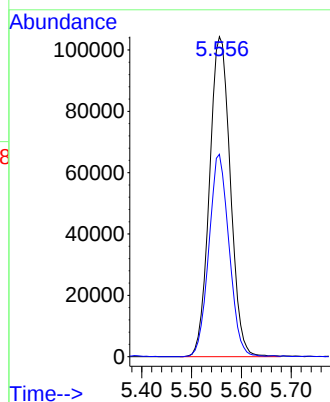
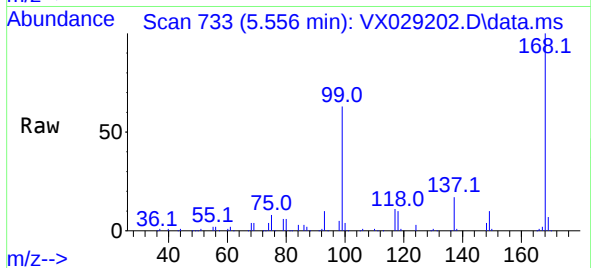




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029202.D
Acq: 03 Jun 2022 19:55

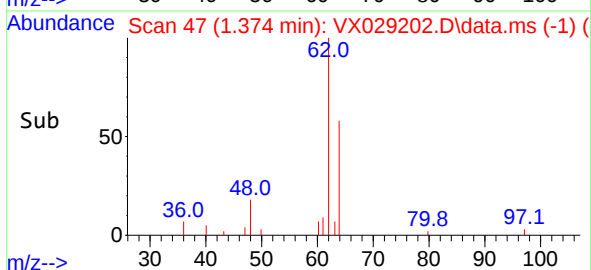
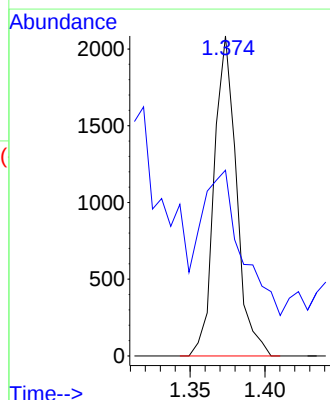
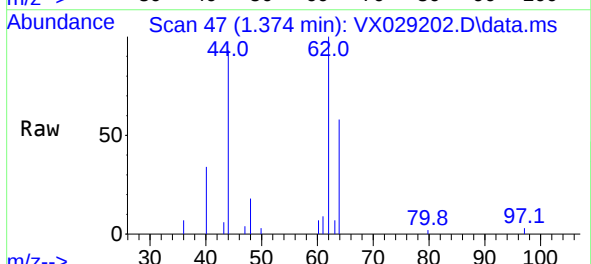
Instrument :
MSVOA_X
ClientSampleId :
48BR-20220525

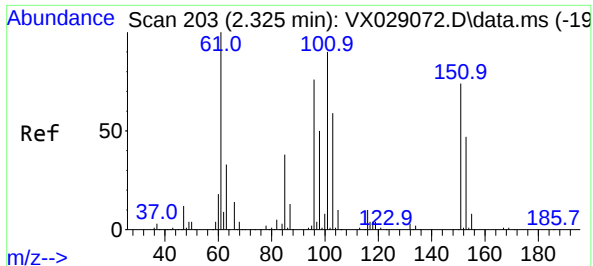
Tgt Ion:168 Resp: 302851
Ion Ratio Lower Upper
168 100
99 63.2 41.7 62.5#



#4
Vinyl Chloride
Concen: 0.713 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX029202.D
Acq: 03 Jun 2022 19:55

Tgt Ion: 62 Resp: 2160
Ion Ratio Lower Upper
62 100
64 45.4 25.5 38.3#

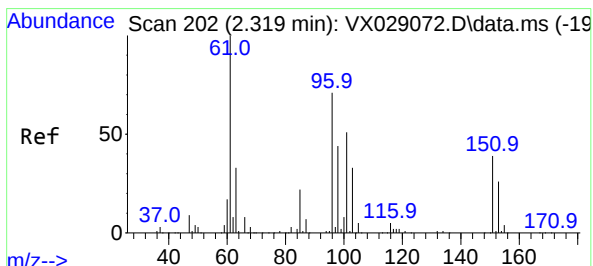
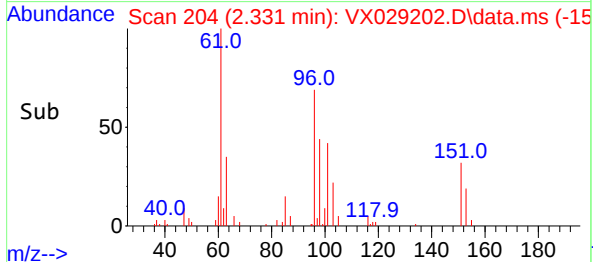
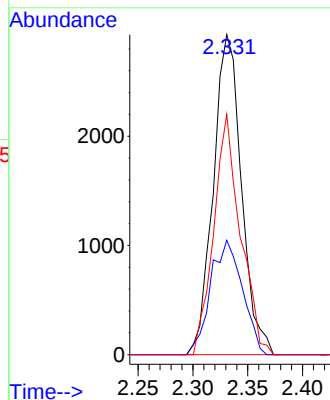
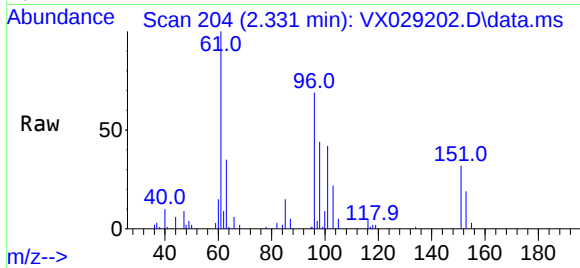




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.876 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX029202.D
Acq: 03 Jun 2022 19:55

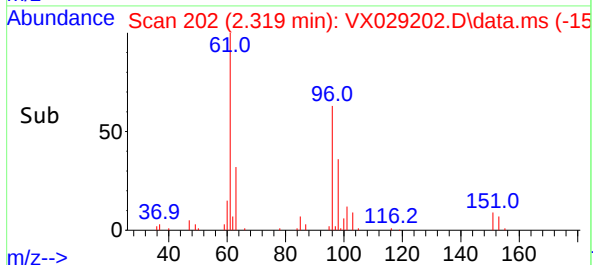
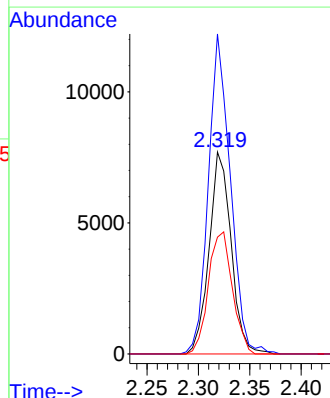
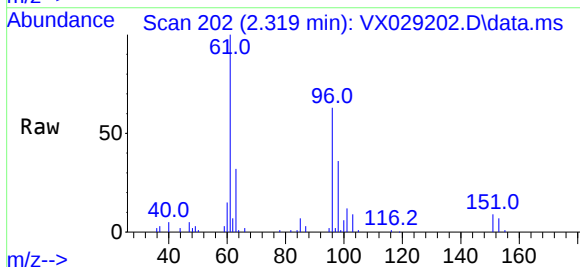
Instrument :
MSVOA_X
ClientSampleId :
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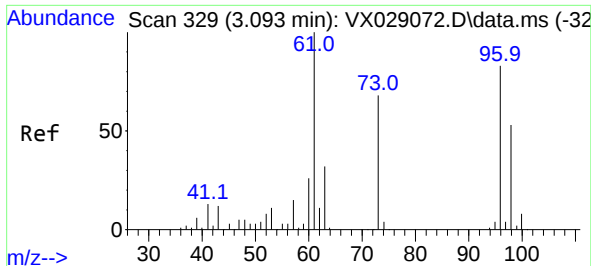
Tgt Ion:101 Resp: 5239
Ion Ratio Lower Upper
101 100
85 40.4 33.5 50.3
151 71.1 61.8 92.6



#12
1,1-Dichloroethene
Concen: 4.215 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX029202.D
Acq: 03 Jun 2022 19:55

Tgt Ion: 96 Resp: 11504
Ion Ratio Lower Upper
96 100
61 158.5 124.6 187.0
98 57.9 51.0 76.4

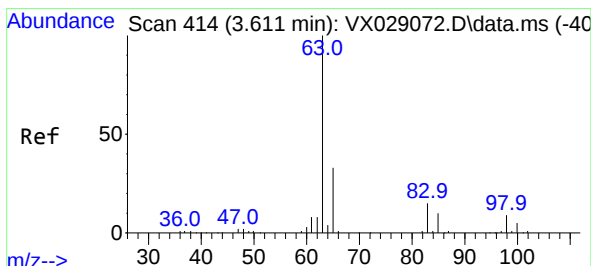
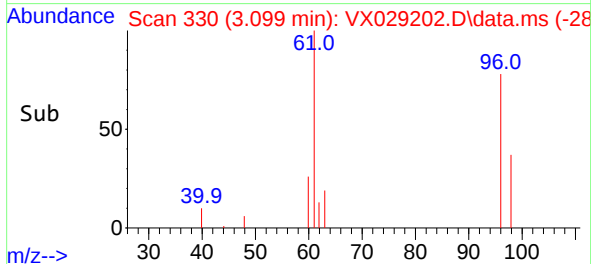
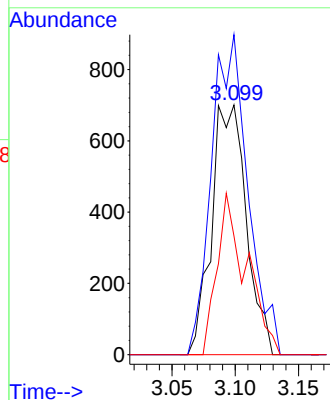
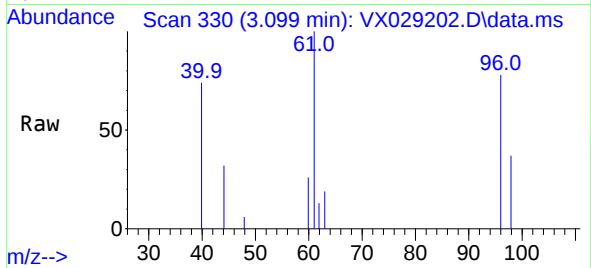




#21
trans-1,2-Dichloroethene
Concen: 0.434 ug/l
RT: 3.099 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX029202.D
Acq: 03 Jun 2022 19:55

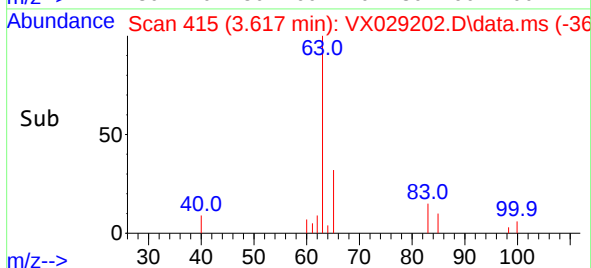
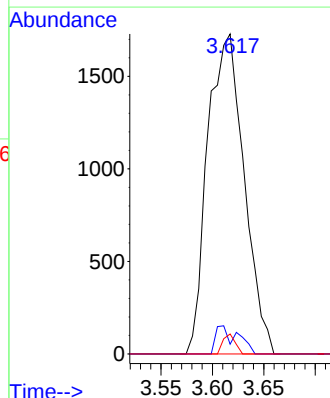
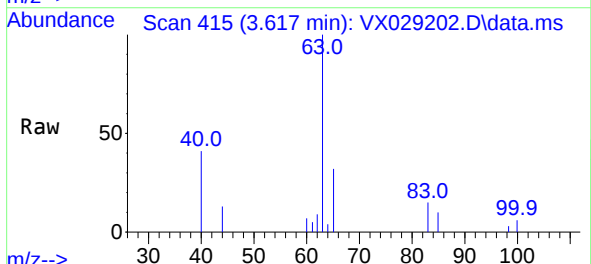
Instrument :
MSVOA_X
ClientSampleId :
48BR-20220525

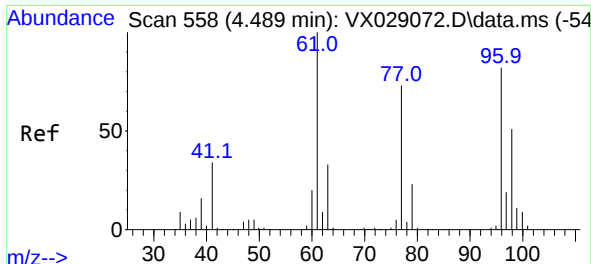
Tgt Ion: 96 Resp: 1338
Ion Ratio Lower Upper
96 100
61 128.1 105.4 158.2
98 47.5 50.0 75.0#



#24
1,1-Dichloroethane
Concen: 0.841 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX029202.D
Acq: 03 Jun 2022 19:55

Tgt Ion: 63 Resp: 4265
Ion Ratio Lower Upper
63 100
98 3.1 3.9 11.7#
100 6.2 2.4 7.2

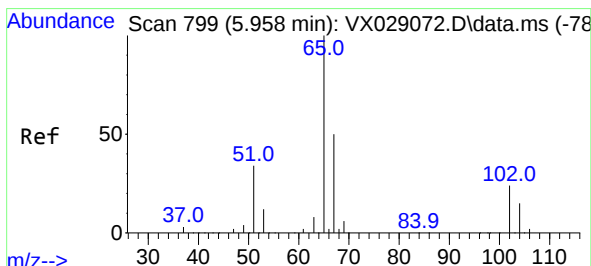
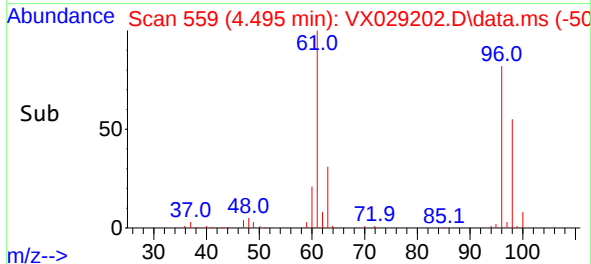
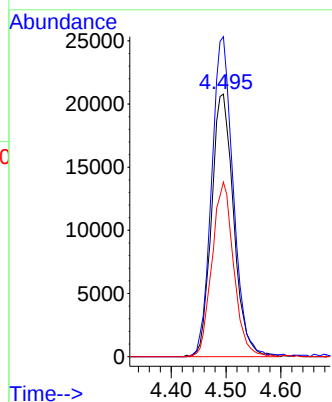
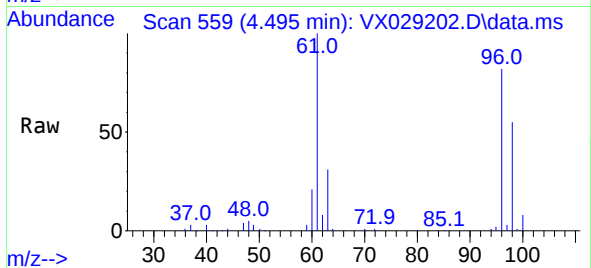




#27
 cis-1,2-Dichloroethene
 Concen: 15.850 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX029202.D
 Acq: 03 Jun 2022 19:55

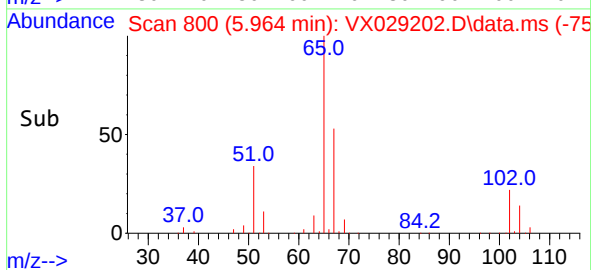
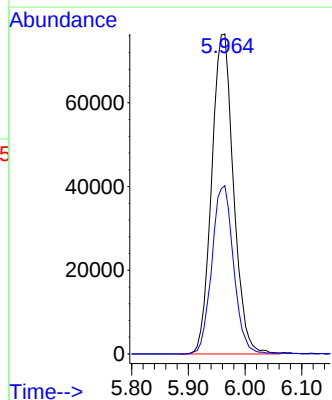
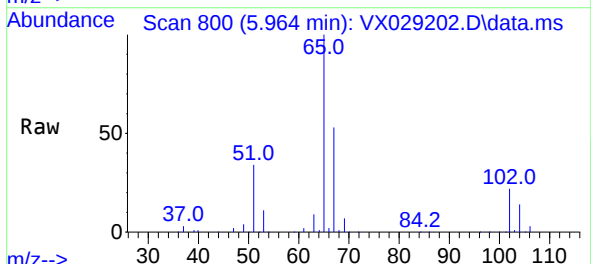
Instrument :
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 ClientSampleId :
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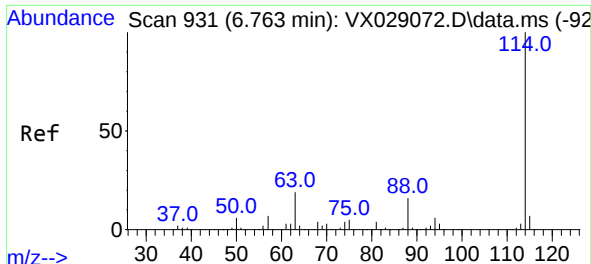
Tgt Ion: 96 Resp: 58207
 Ion Ratio Lower Upper
 96 100
 61 119.4 0.0 283.8
 98 64.9 0.0 129.8



#33
 1,2-Dichloroethane-d4
 Concen: 59.836 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.006 min
 Lab File: VX029202.D
 Acq: 03 Jun 2022 19:55

Tgt Ion: 65 Resp: 204346
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 107.4

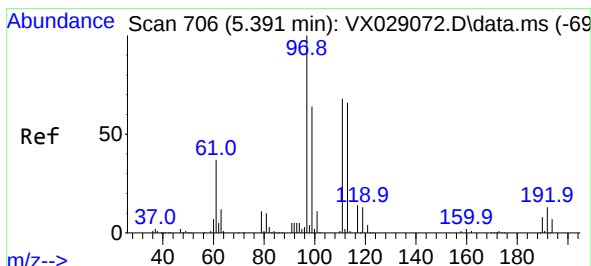
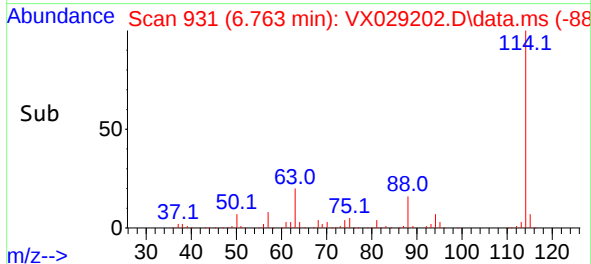
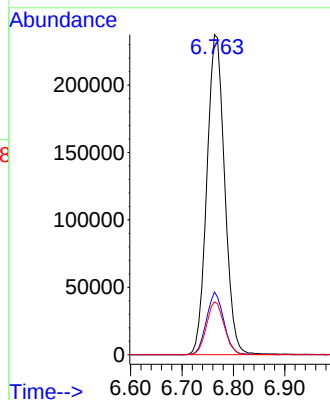
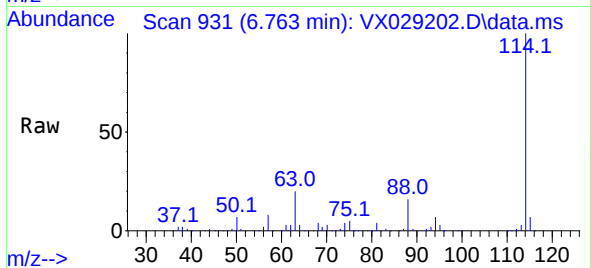




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029202.D
Acq: 03 Jun 2022 19:55

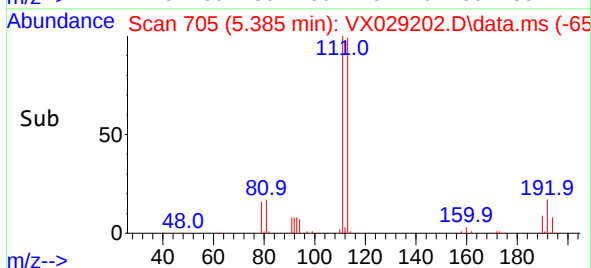
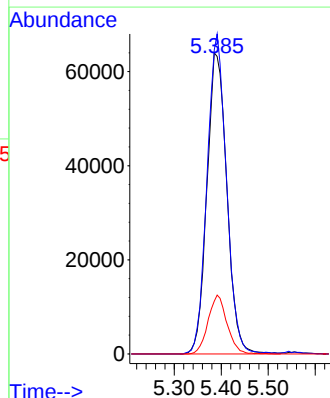
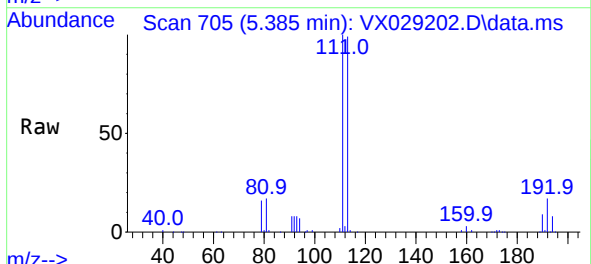
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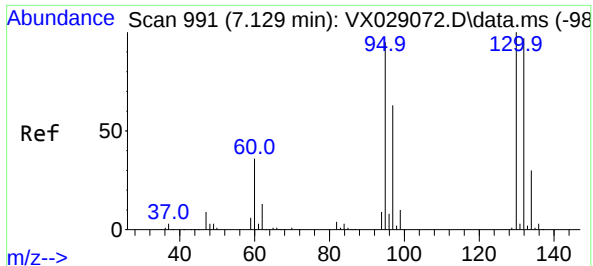
Tgt Ion:114 Resp: 569657
Ion Ratio Lower Upper
114 100
63 19.6 0.0 36.8
88 16.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.823 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX029202.D
Acq: 03 Jun 2022 19:55

Tgt Ion:113 Resp: 188519
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 18.6 16.9 25.3

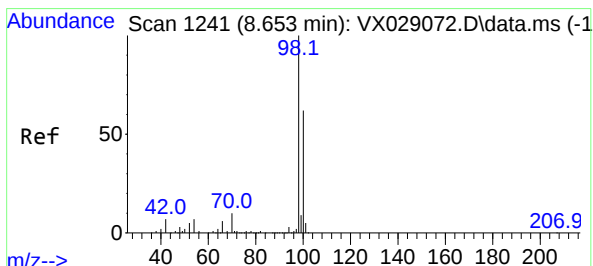
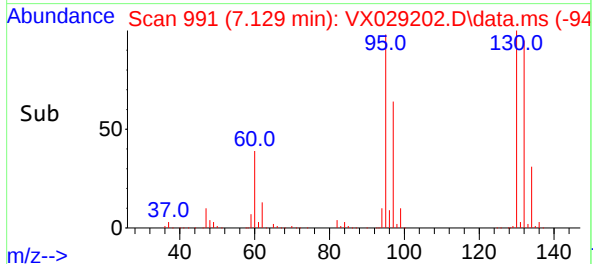
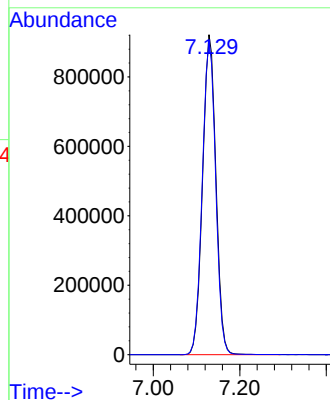
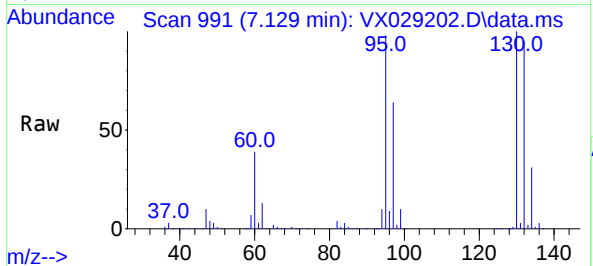




#44
Trichloroethene
Concen: 466.122 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029202.D
Acq: 03 Jun 2022 19:55

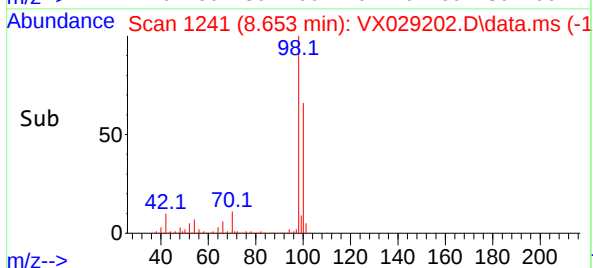
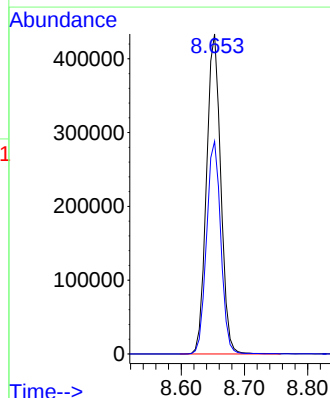
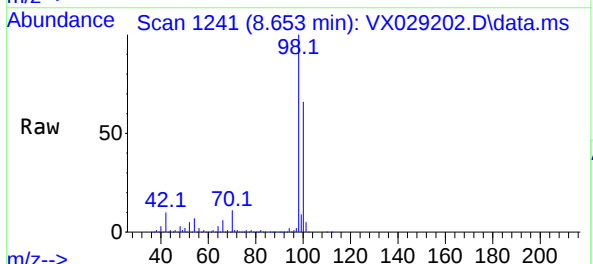
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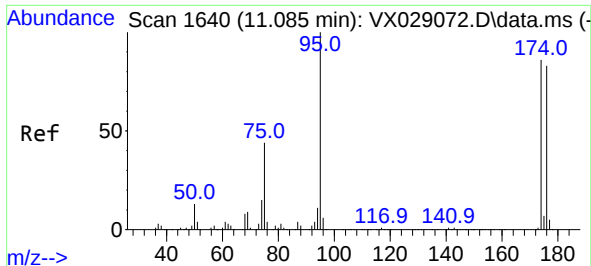
Tgt Ion:130 Resp: 1967608
Ion Ratio Lower Upper
130 100
95 98.2 0.0 188.8



#50
Toluene-d8
Concen: 49.211 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029202.D
Acq: 03 Jun 2022 19:55

Tgt Ion: 98 Resp: 681031
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8

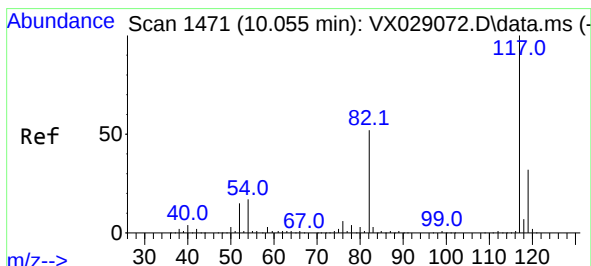
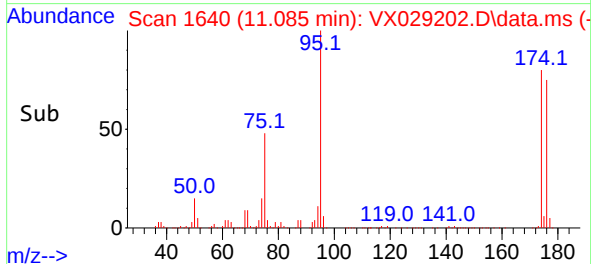
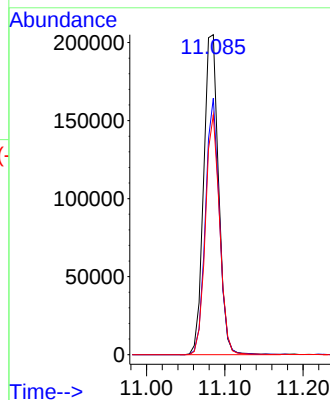
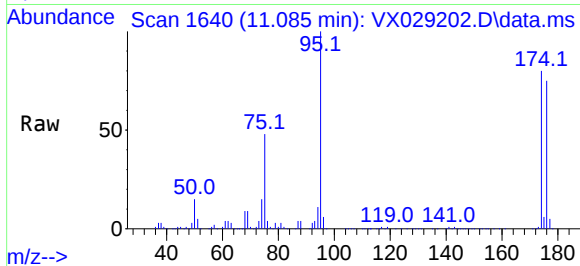




#62
4-Bromofluorobenzene
Concen: 50.657 ug/l
RT: 11.085 min Scan# 110
Delta R.T. 0.000 min
Lab File: VX029202.D
Acq: 03 Jun 2022 19:55

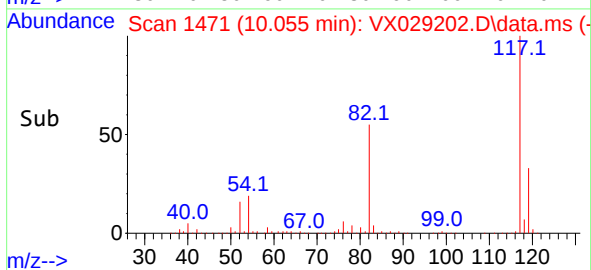
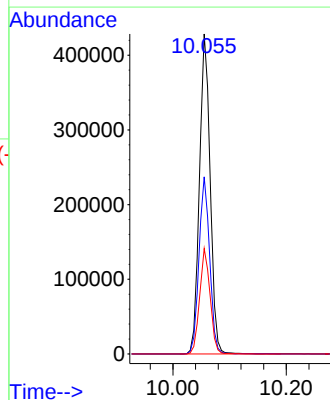
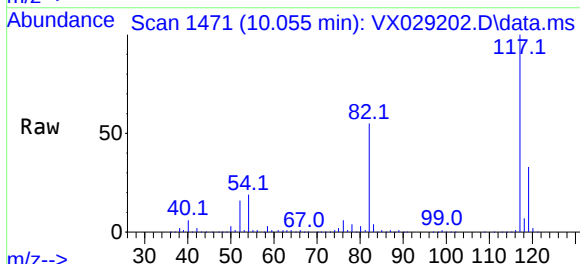
Instrument :
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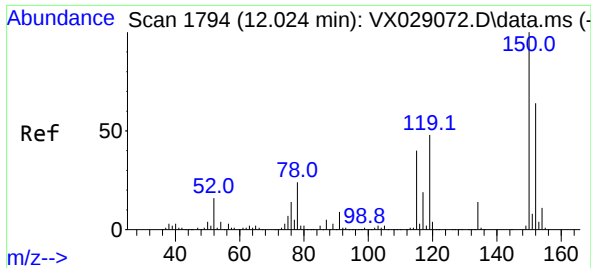
Tgt Ion: 95 Resp: 270987
Ion Ratio Lower Upper
95 100
174 74.5 0.0 163.0
176 71.3 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029202.D
Acq: 03 Jun 2022 19:55

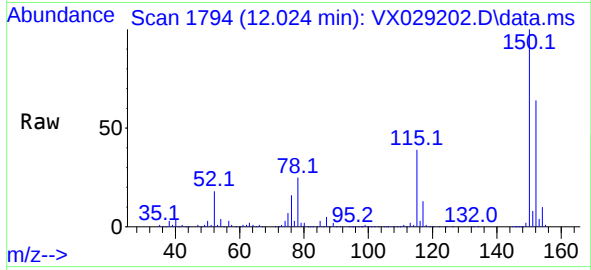
Tgt Ion: 117 Resp: 562103
Ion Ratio Lower Upper
117 100
82 55.3 41.8 62.8
119 32.9 24.8 37.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029202.D
 Acq: 03 Jun 2022 19:55

Instrument :
 MSVOA_X
 ClientSampleId :
 48BR-20220525



Tgt Ion:152 Resp: 263678

Ion	Ratio	Lower	Upper
152	100		
115	62.6	37.5	112.7
150	156.1	0.0	338.2

