

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060122\
 Data File : VX029120.D
 Acq On : 01 Jun 2022 15:57
 Operator : JC/MD
 Sample : N3022-15 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20220525

Quant Time: Jun 02 04:48:13 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)

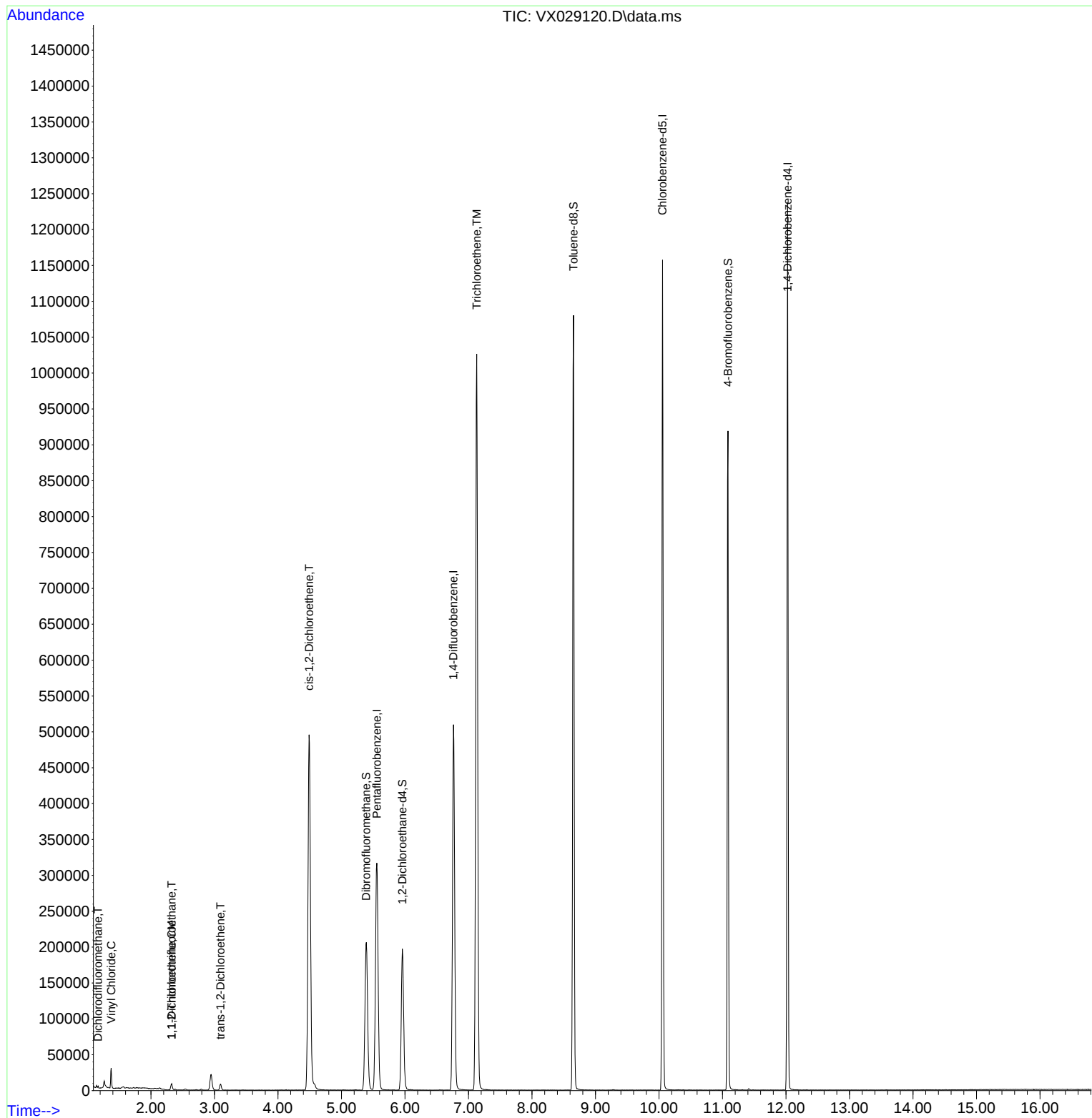
Internal Standards						
1) Pentafluorobenzene	5.556	168	328746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	560726	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	557027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	270078	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	186150	50.215	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.420%	
35) Dibromofluoromethane	5.385	113	186674	50.121	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.240%	
50) Toluene-d8	8.653	98	660709	48.503	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.000%	
62) 4-Bromofluorobenzene	11.085	95	255287	48.482	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 96.960%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	1489	0.521	ug/l	94
4) Vinyl Chloride	1.374	62	17502	5.321	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	1632	0.538	ug/l	94
12) 1,1-Dichloroethene	2.325	96	2108	0.711	ug/l	85
21) trans-1,2-Dichloroethene	3.093	96	3751	1.122	ug/l	83
27) cis-1,2-Dichloroethene	4.489	96	347610	87.198	ug/l	82
44) Trichloroethene	7.129	130	433848	103.862	ug/l	98

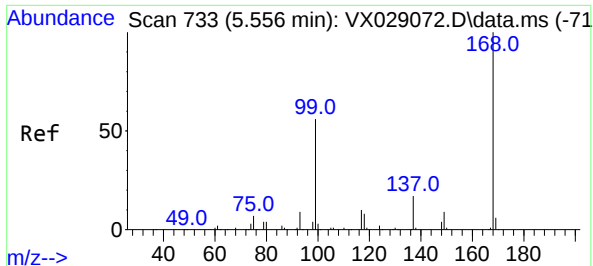
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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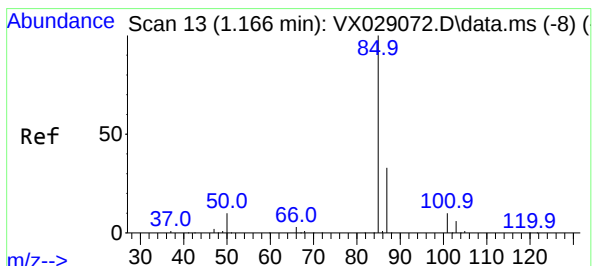
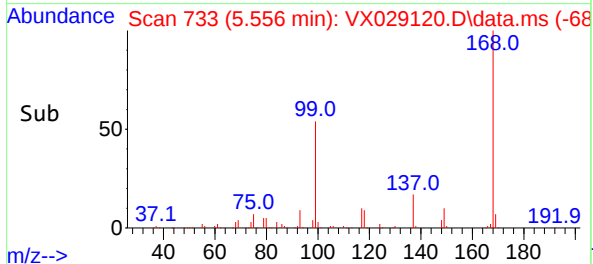
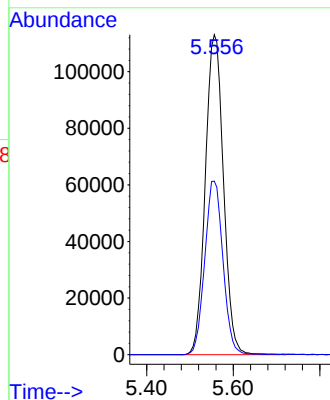
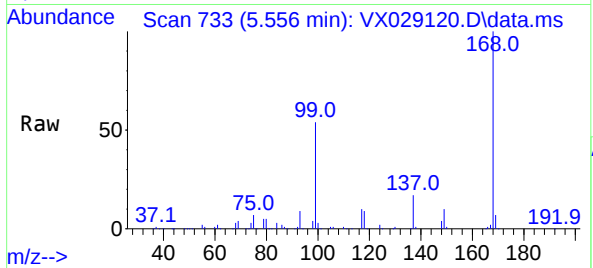




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029120.D
Acq: 01 Jun 2022 15:57

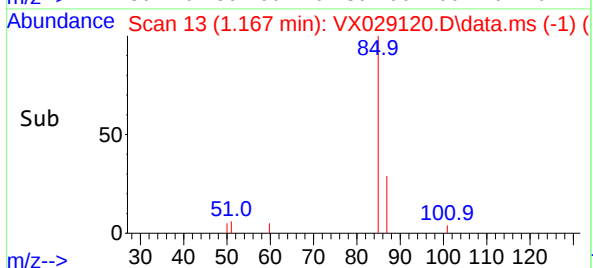
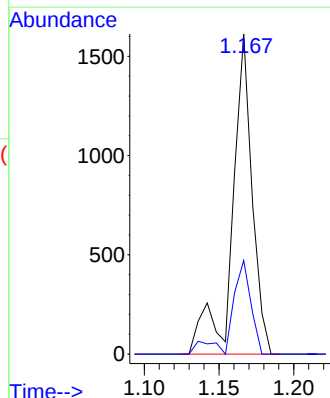
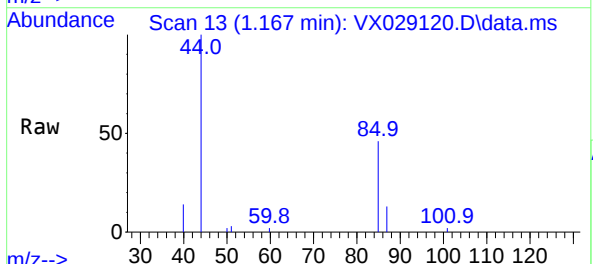
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20220525

Tgt Ion:168 Resp: 328746
Ion Ratio Lower Upper
168 100
99 54.2 41.7 62.5

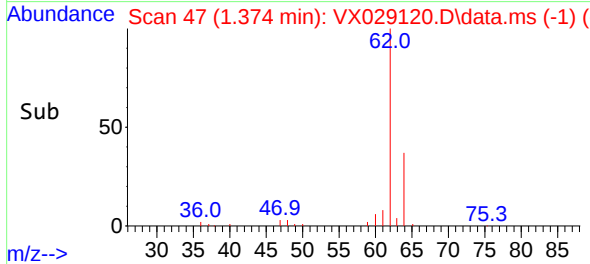
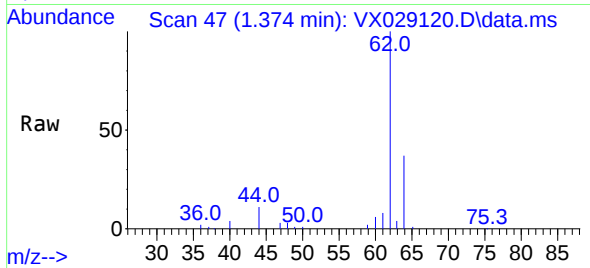
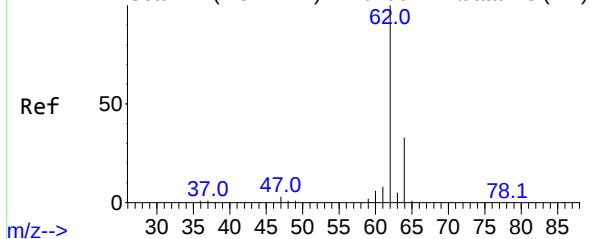


#2
Dichlorodifluoromethane
Concen: 0.521 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX029120.D
Acq: 01 Jun 2022 15:57

Tgt Ion: 85 Resp: 1489
Ion Ratio Lower Upper
85 100
87 29.2 16.2 48.6



Abundance Scan 47 (1.374 min): VX029072.D\data.ms (-42)



#4

Vinyl Chloride

Concen: 5.321 ug/l

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX029120.D

Acq: 01 Jun 2022 15:57

Instrument :

MSVOA_X

ClientSampleId :

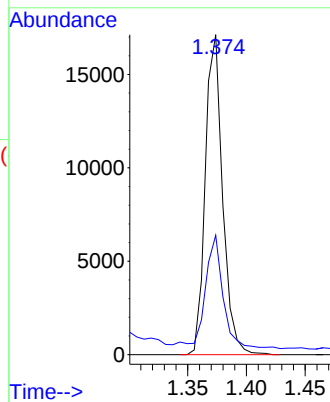
DUP03-20220525

Tgt Ion: 62 Resp: 17502

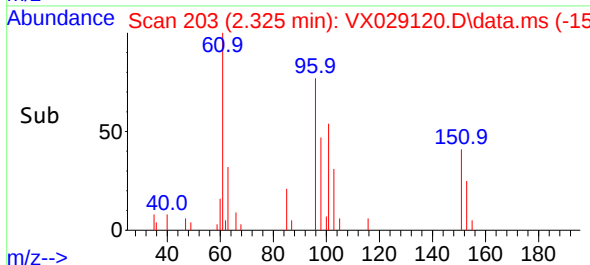
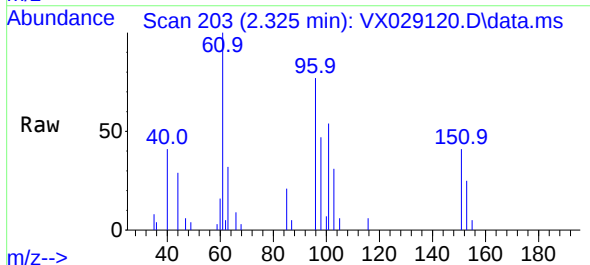
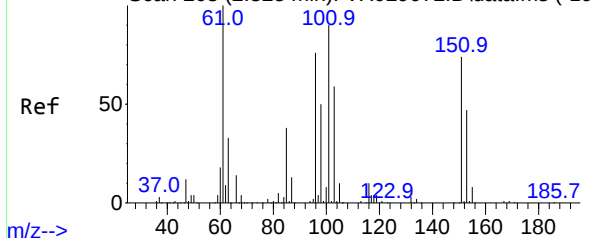
Ion Ratio Lower Upper

62 100

64 35.4 25.5 38.3



Abundance Scan 203 (2.325 min): VX029072.D\data.ms (-19)



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.538 ug/l

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX029120.D

Acq: 01 Jun 2022 15:57

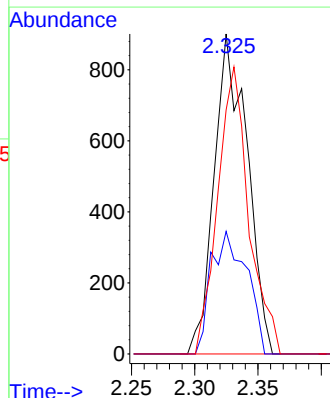
Tgt Ion: 101 Resp: 1632

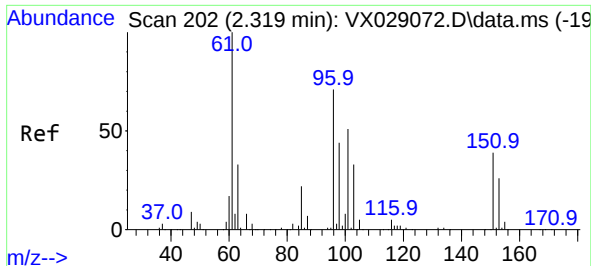
Ion Ratio Lower Upper

101 100

85 41.2 33.5 50.3

151 84.5 61.8 92.6





#12

1,1-Dichloroethene

Concen: 0.711 ug/l

RT: 2.325 min Scan# 202

Delta R.T. 0.006 min

Lab File: VX029120.D

Acq: 01 Jun 2022 15:57

Instrument :

MSVOA_X

ClientSampleId :

DUP03-20220525

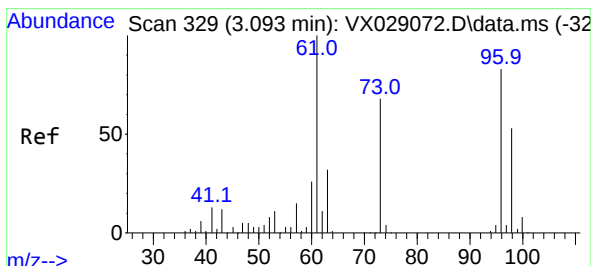
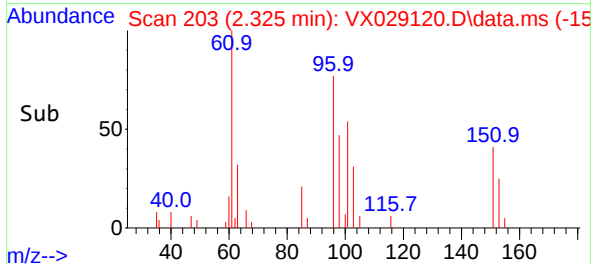
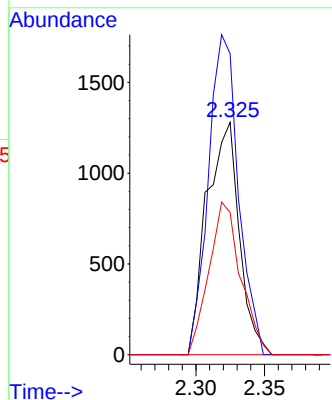
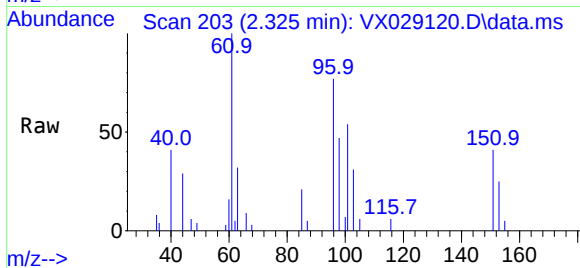
Tgt Ion: 96 Resp: 2108

Ion Ratio Lower Upper

96 100

61 129.5 124.6 187.0

98 61.2 51.0 76.4



#21

trans-1,2-Dichloroethene

Concen: 1.122 ug/l

RT: 3.093 min Scan# 329

Delta R.T. 0.000 min

Lab File: VX029120.D

Acq: 01 Jun 2022 15:57

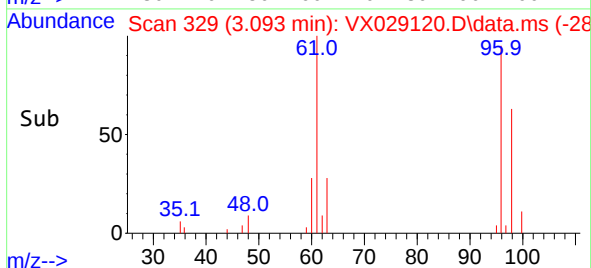
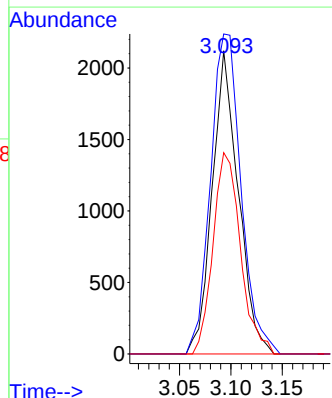
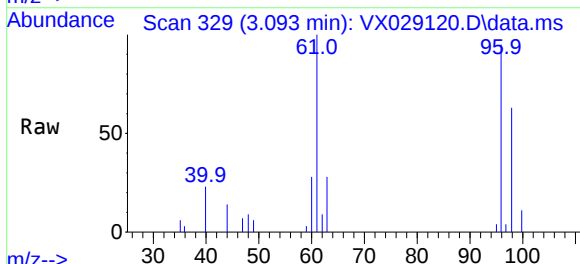
Tgt Ion: 96 Resp: 3751

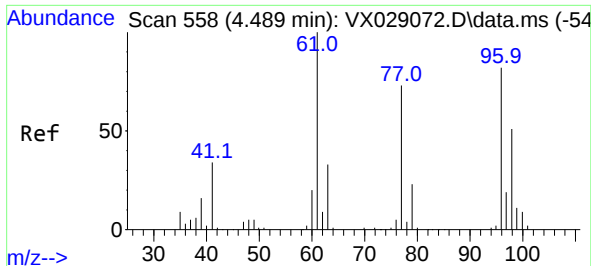
Ion Ratio Lower Upper

96 100

61 105.5 105.4 158.2

98 66.4 50.0 75.0

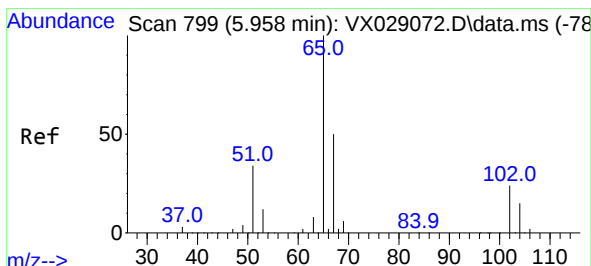
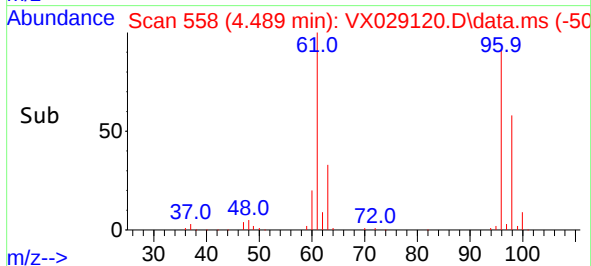
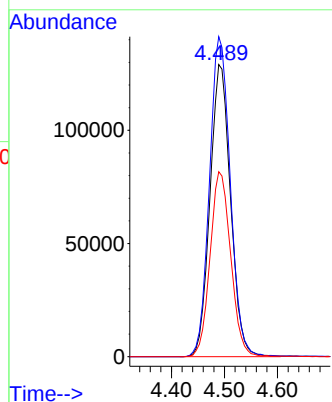
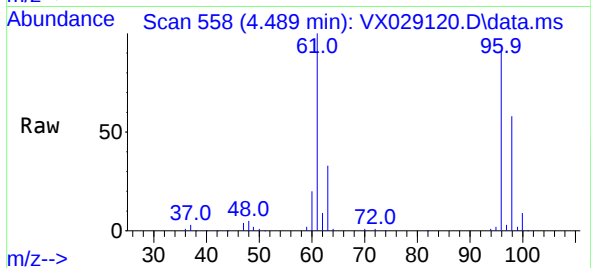




#27
cis-1,2-Dichloroethene
Concen: 87.198 ug/l
RT: 4.489 min Scan# 511
Delta R.T. 0.000 min
Lab File: VX029120.D
Acq: 01 Jun 2022 15:57

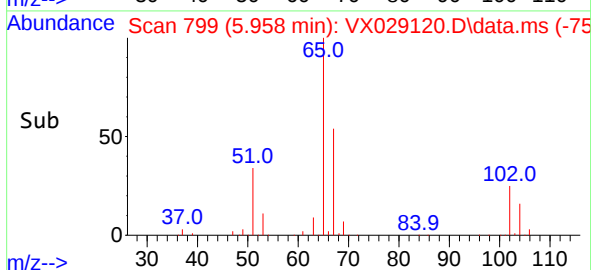
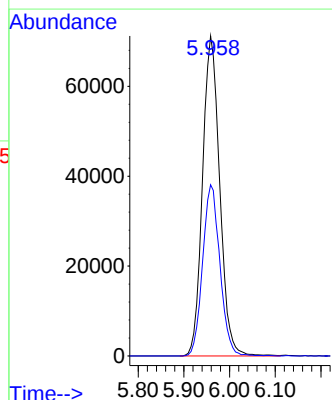
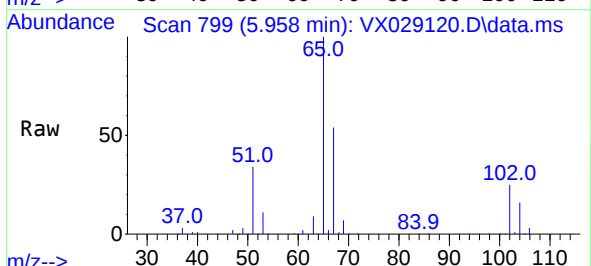
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20220525

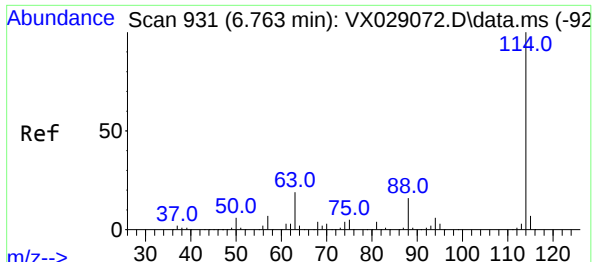
Tgt Ion: 96 Resp: 347610
Ion Ratio Lower Upper
96 100
61 110.8 0.0 283.8
98 63.6 0.0 129.8



#33
1,2-Dichloroethane-d4
Concen: 50.215 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029120.D
Acq: 01 Jun 2022 15:57

Tgt Ion: 65 Resp: 186150
Ion Ratio Lower Upper
65 100
67 53.7 0.0 107.4

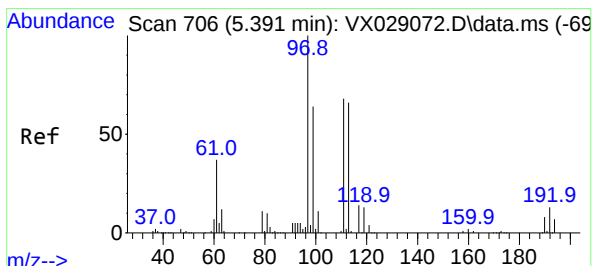
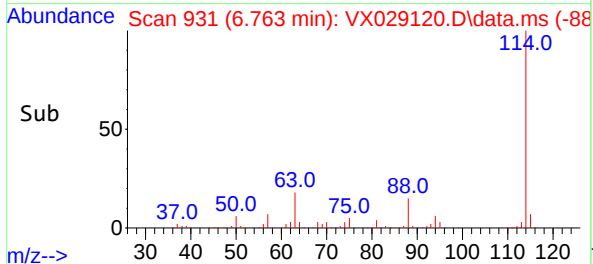
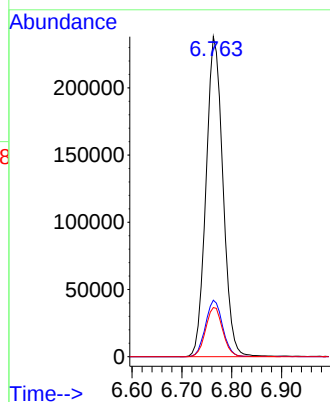
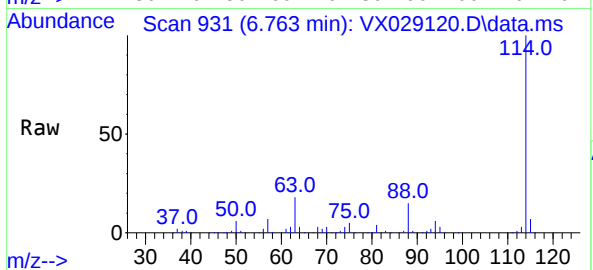




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX029120.D
Acq: 01 Jun 2022 15:57

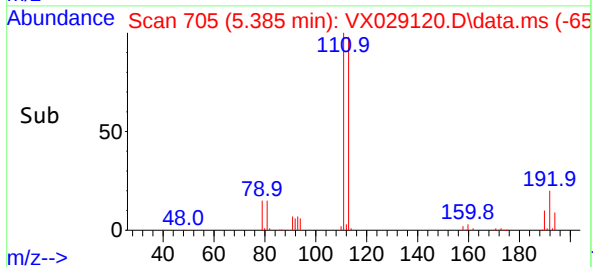
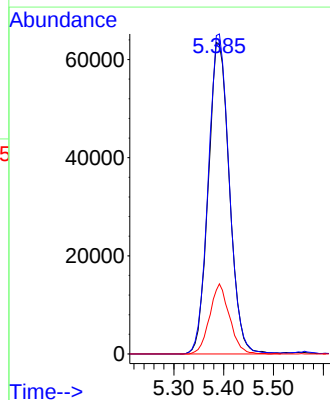
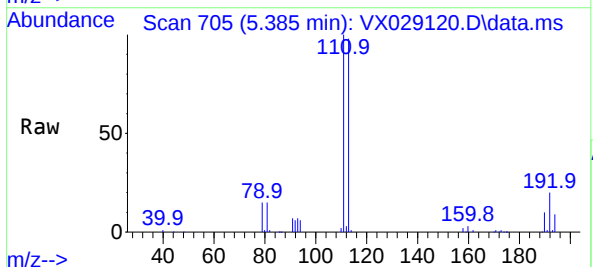
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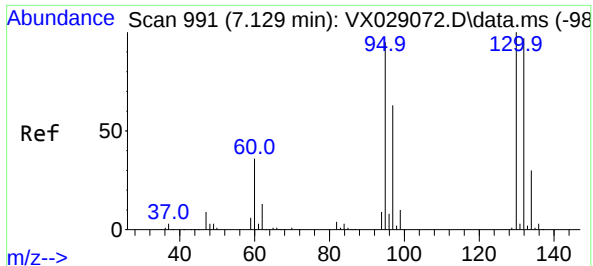
Tgt Ion:114 Resp: 560726
Ion Ratio Lower Upper
114 100
63 17.7 0.0 36.8
88 15.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.121 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX029120.D
Acq: 01 Jun 2022 15:57

Tgt Ion:113 Resp: 186674
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 21.1 16.9 25.3

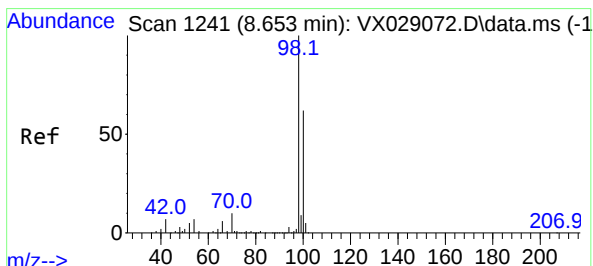
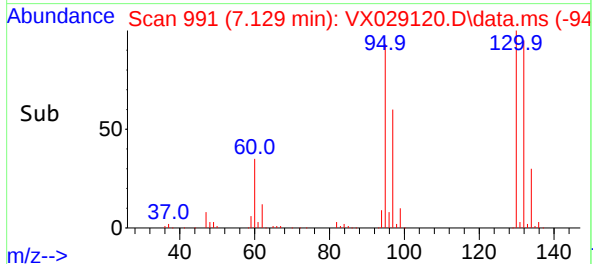
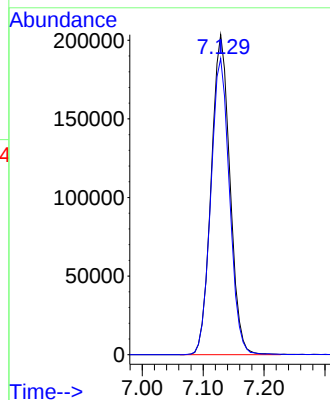
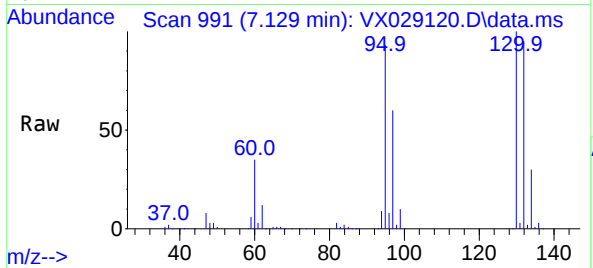




#44
Trichloroethene
Concen: 103.862 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029120.D
Acq: 01 Jun 2022 15:57

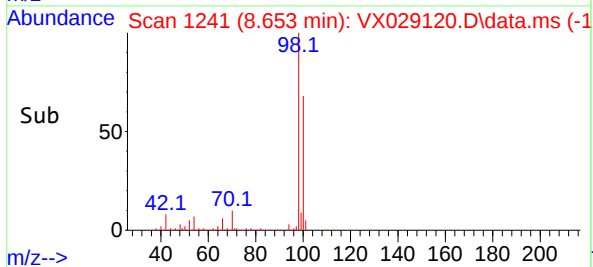
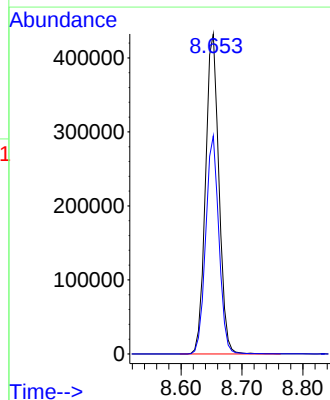
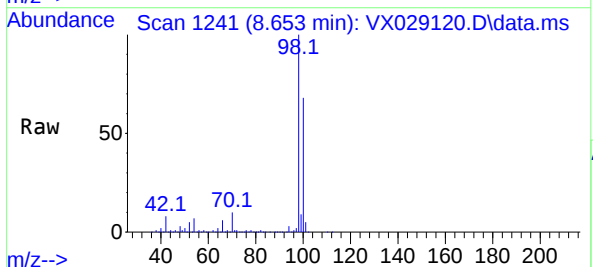
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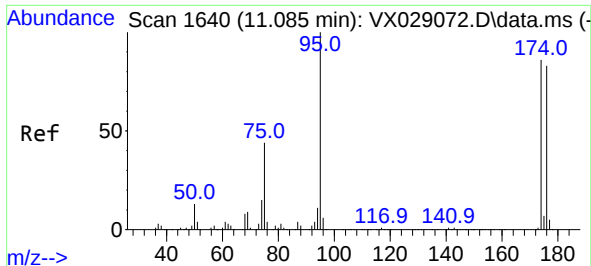
Tgt Ion:130 Resp: 433848
Ion Ratio Lower Upper
130 100
95 92.5 0.0 188.8



#50
Toluene-d8
Concen: 48.503 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029120.D
Acq: 01 Jun 2022 15:57

Tgt Ion: 98 Resp: 660709
Ion Ratio Lower Upper
98 100
100 67.2 52.6 78.8

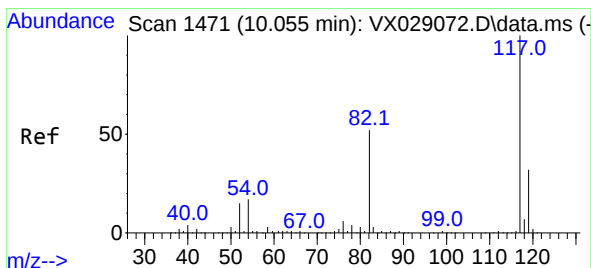
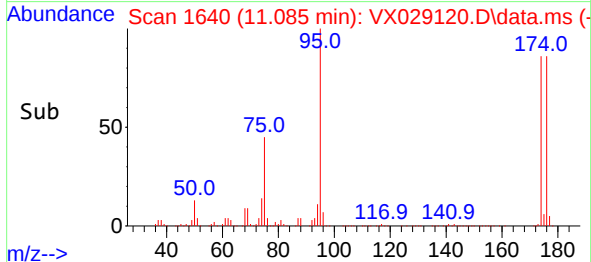
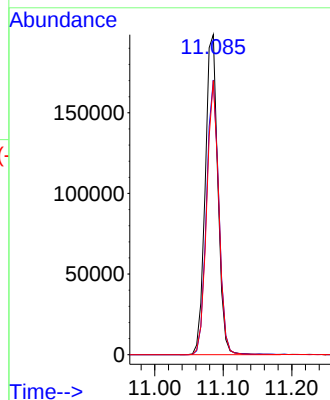
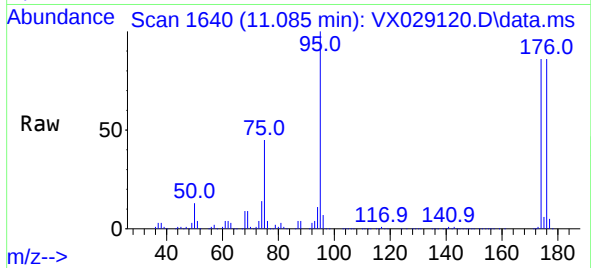




#62
4-Bromofluorobenzene
Concen: 48.482 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029120.D
Acq: 01 Jun 2022 15:57

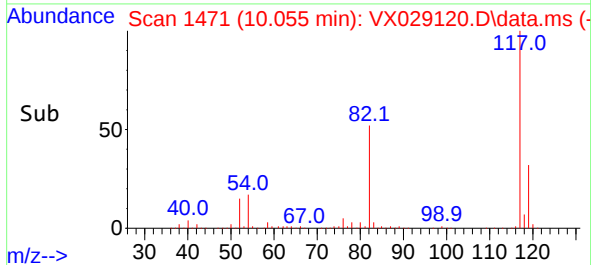
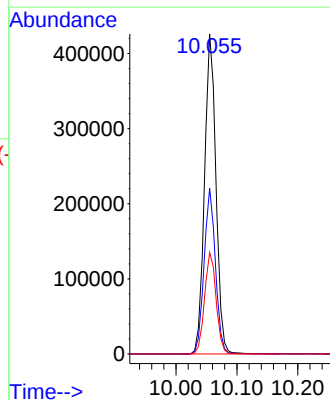
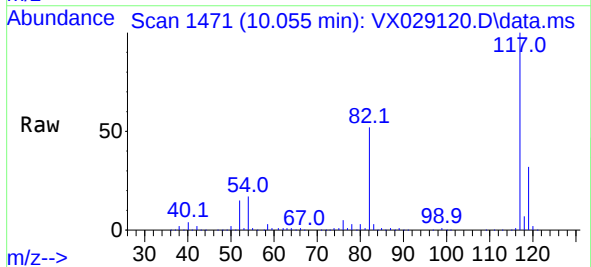
Instrument :
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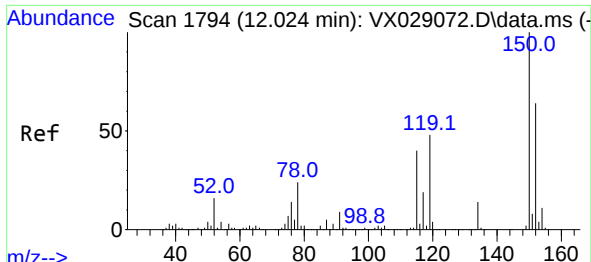
Tgt Ion: 95 Resp: 255287
Ion Ratio Lower Upper
95 100
174 83.8 0.0 163.0
176 82.0 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029120.D
Acq: 01 Jun 2022 15:57

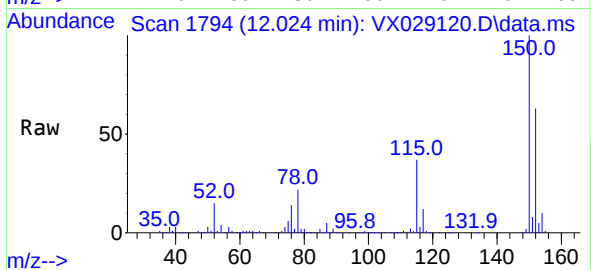
Tgt Ion: 117 Resp: 557027
Ion Ratio Lower Upper
117 100
82 51.8 41.8 62.8
119 31.7 24.8 37.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029120.D
 Acq: 01 Jun 2022 15:57

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20220525



Tgt Ion:152 Resp: 270078

Ion	Ratio	Lower	Upper
152	100		
115	58.6	37.5	112.7
150	157.9	0.0	338.2

