

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060222\
 Data File : VX029148.D
 Acq On : 02 Jun 2022 20:13
 Operator : JC/MD
 Sample : N3022-15 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20220525

Quant Time: Jun 03 04:34:09 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)

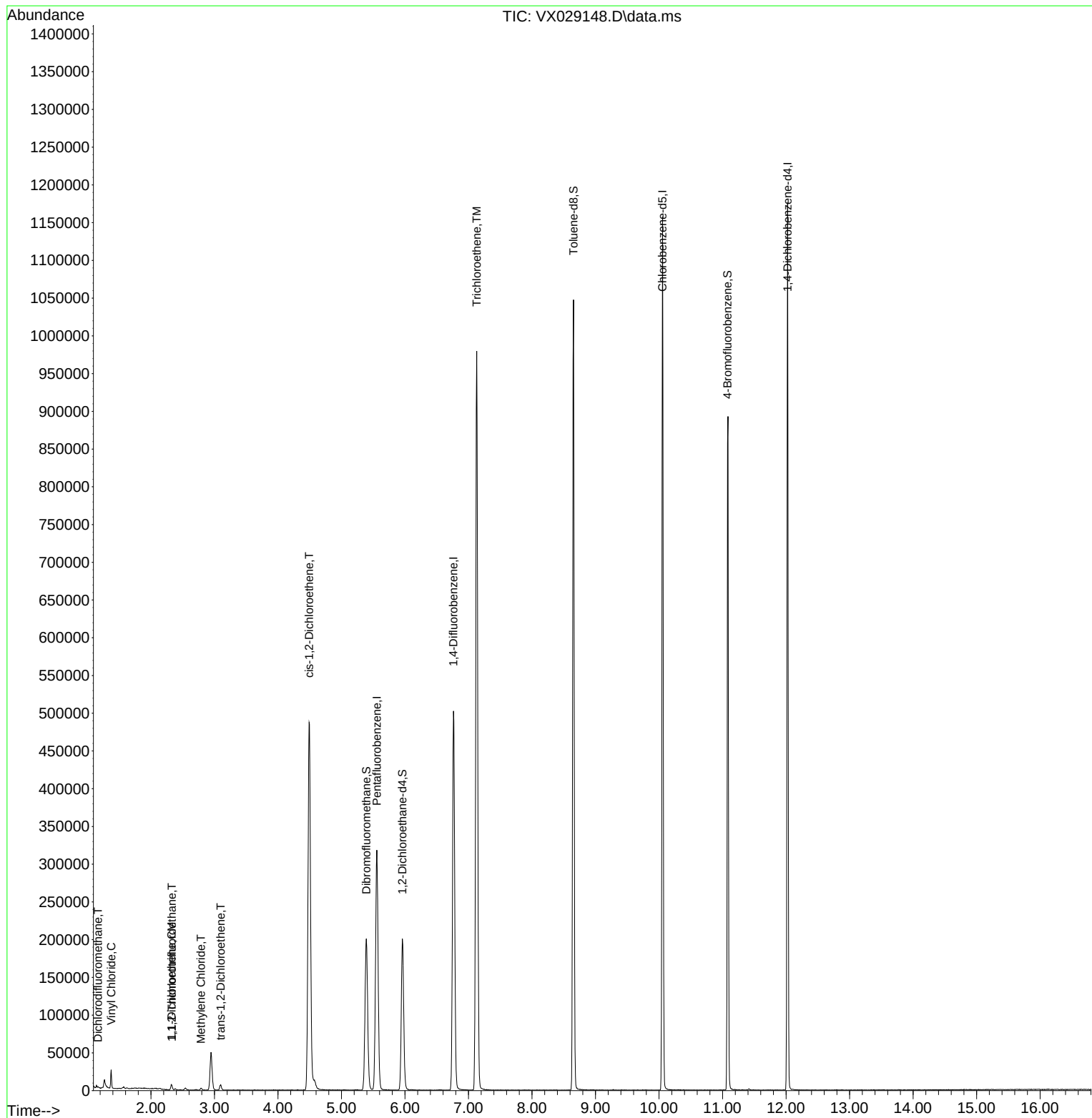
Internal Standards						
1) Pentafluorobenzene	5.556	168	294734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	539894	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	525294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	239357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	191675	57.672	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	115.340%
35) Dibromofluoromethane	5.391	113	180376	50.299	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.600%
50) Toluene-d8	8.653	98	642761	49.006	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.020%
62) 4-Bromofluorobenzene	11.079	95	250823	49.472	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.940%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	1080	0.421	ug/l	95
4) Vinyl Chloride	1.373	62	14996	5.086	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	1216	0.447	ug/l	96
12) 1,1-Dichloroethene	2.324	96	1869	0.704	ug/l #	89
20) Methylene Chloride	2.788	84	1296	0.425	ug/l #	87
21) trans-1,2-Dichloroethene	3.099	96	3139	1.047	ug/l #	86
27) cis-1,2-Dichloroethene	4.489	96	333076	93.194	ug/l	86
44) Trichloroethene	7.128	130	389469	96.787	ug/l	97

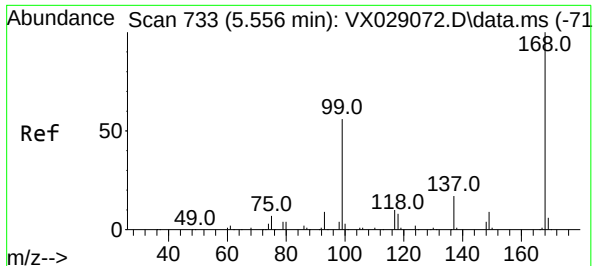
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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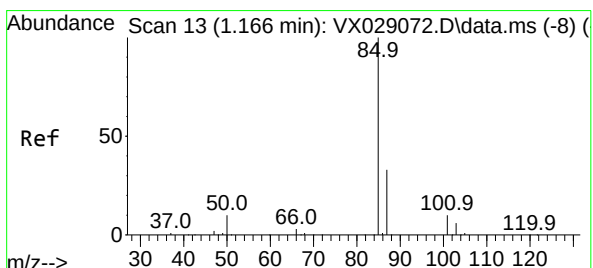
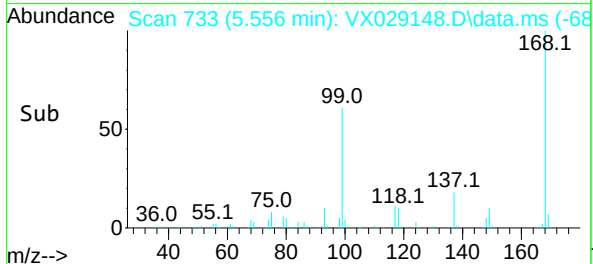
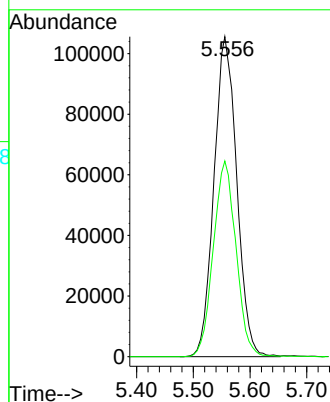
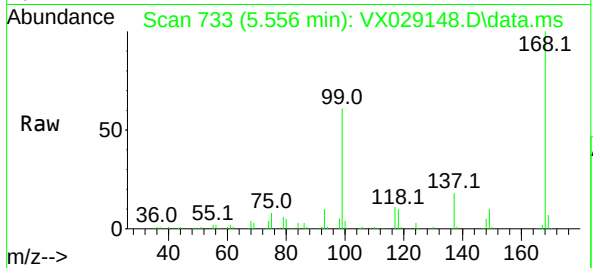




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029148.D
Acq: 02 Jun 2022 20:13

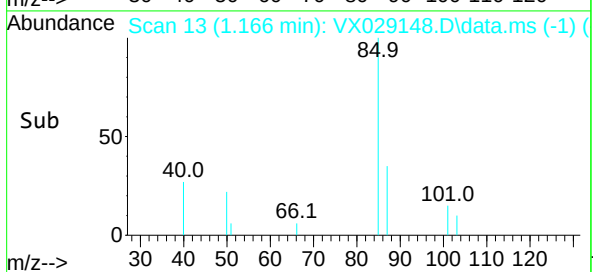
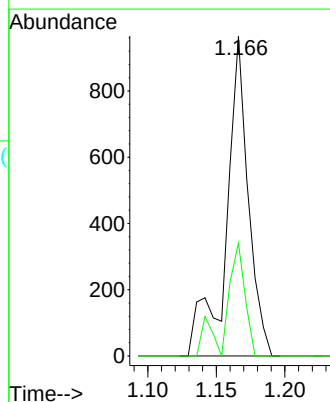
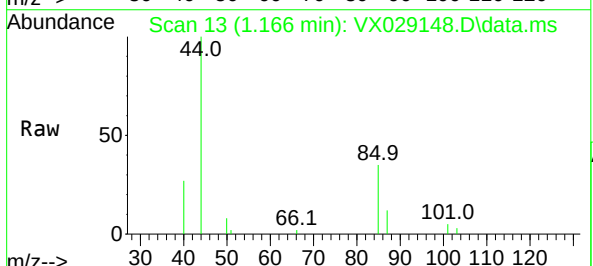
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20220525

Tgt Ion:168 Resp: 294734
Ion Ratio Lower Upper
168 100
99 61.2 41.7 62.5

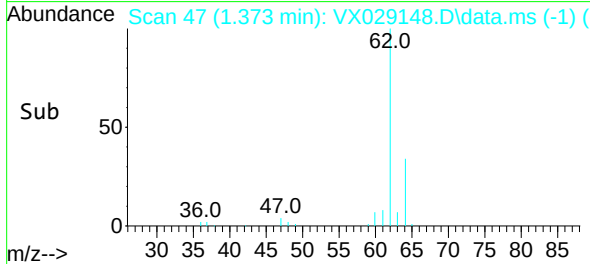
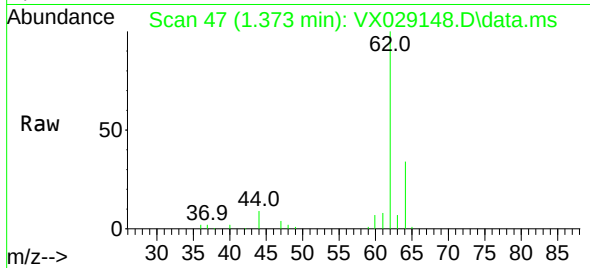
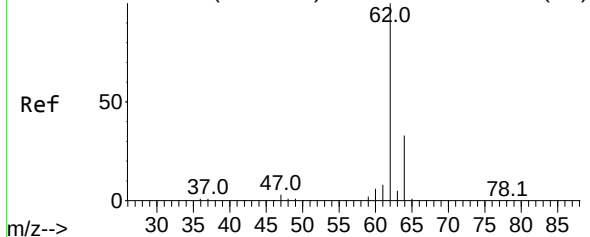


#2
Dichlorodifluoromethane
Concen: 0.421 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX029148.D
Acq: 02 Jun 2022 20:13

Tgt Ion: 85 Resp: 1080
Ion Ratio Lower Upper
85 100
87 35.3 16.2 48.6



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



#4

Vinyl Chloride

Concen: 5.086 ug/l

RT: 1.373 min Scan# 41

Delta R.T. -0.001 min

Lab File: VX029148.D

Acq: 02 Jun 2022 20:13

Instrument :

MSVOA_X

ClientSampleId :

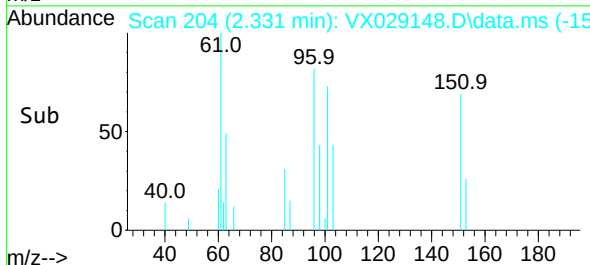
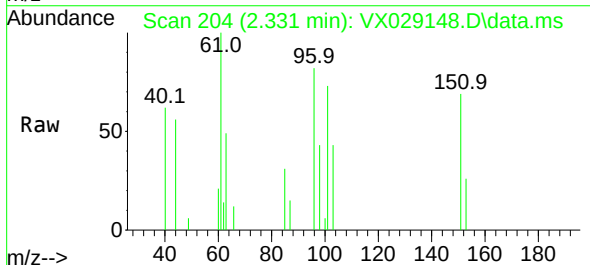
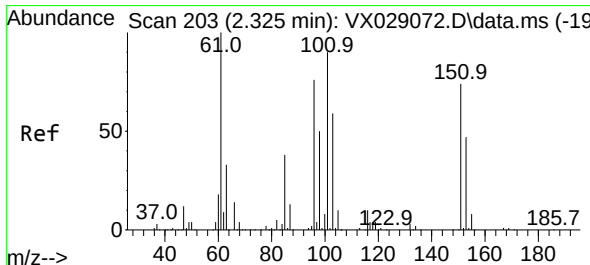
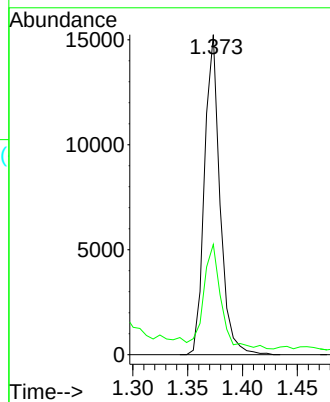
DUP03-20220525

Tgt Ion: 62 Resp: 14996

Ion Ratio Lower Upper

62 100

64 32.1 25.5 38.3



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.447 ug/l

RT: 2.331 min Scan# 204

Delta R.T. 0.006 min

Lab File: VX029148.D

Acq: 02 Jun 2022 20:13

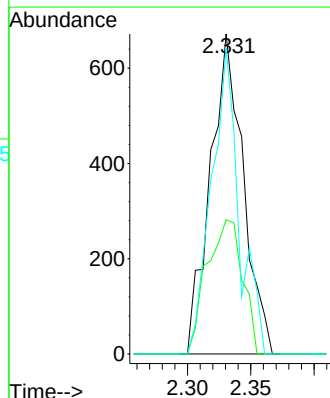
Tgt Ion: 101 Resp: 1216

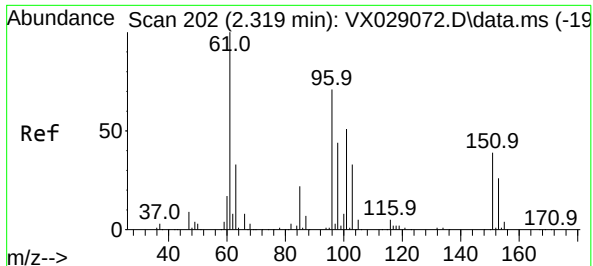
Ion Ratio Lower Upper

101 100

85 45.3 33.5 50.3

151 79.9 61.8 92.6





#12

1,1-Dichloroethene

Concen: 0.704 ug/l

RT: 2.324 min Scan# 20

Delta R.T. 0.005 min

Lab File: VX029148.D

Acq: 02 Jun 2022 20:13

Instrument :

MSVOA_X

ClientSampleId :

DUP03-20220525

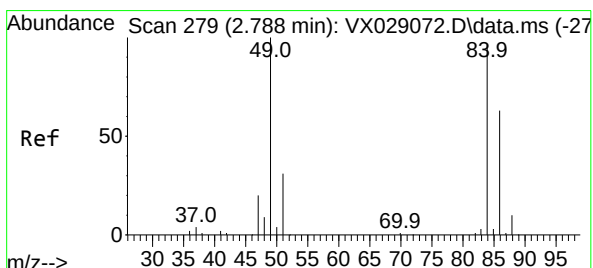
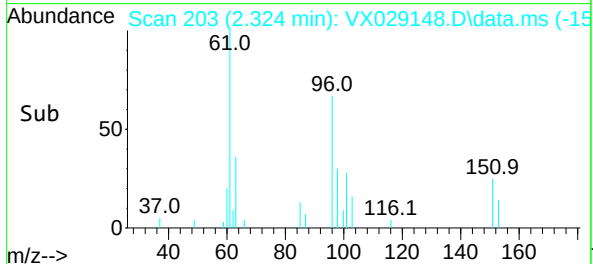
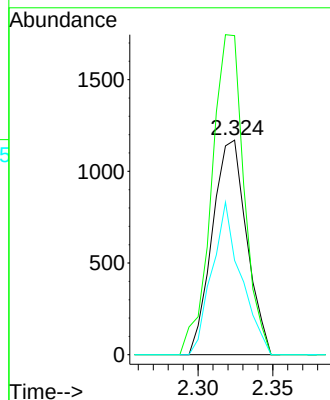
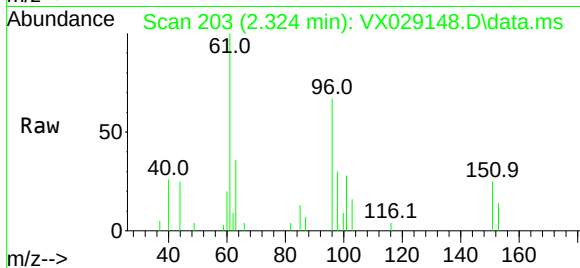
Tgt Ion: 96 Resp: 1869

Ion Ratio Lower Upper

96 100

61 148.7 124.6 187.0

98 43.9 51.0 76.4#



#20

Methylene Chloride

Concen: 0.425 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX029148.D

Acq: 02 Jun 2022 20:13

Tgt Ion: 84 Resp: 1296

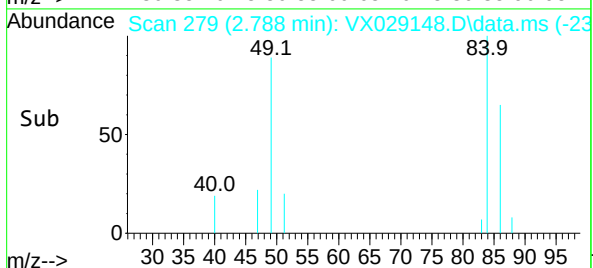
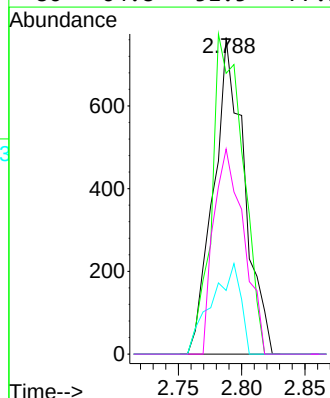
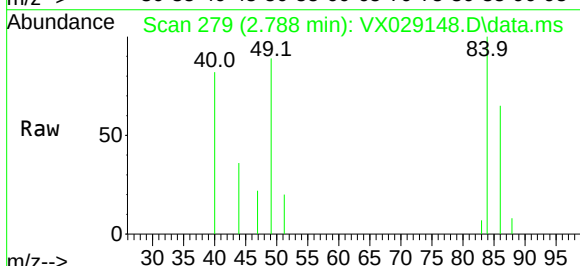
Ion Ratio Lower Upper

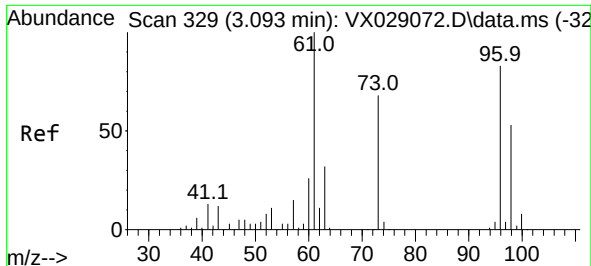
84 100

49 88.8 85.5 128.3

51 20.1 26.6 39.8#

86 64.8 51.5 77.3

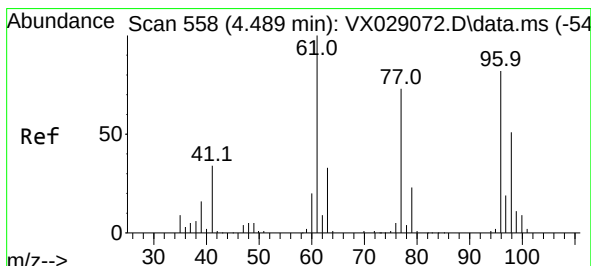
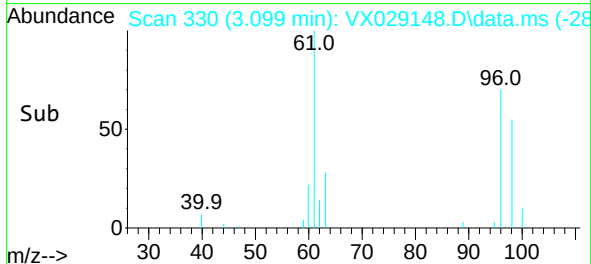
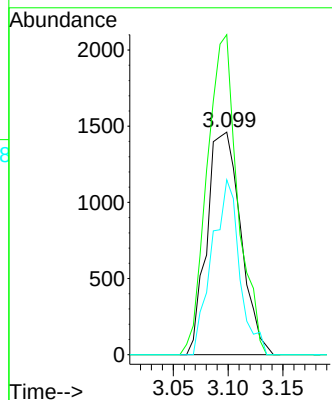
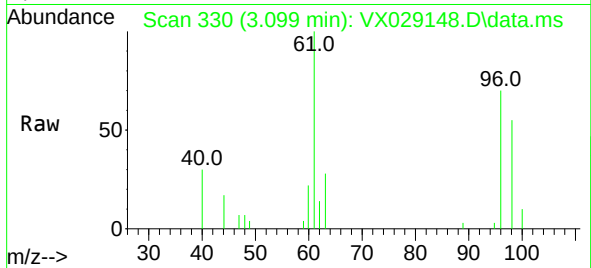




#21
trans-1,2-Dichloroethene
Concen: 1.047 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX029148.D
Acq: 02 Jun 2022 20:13

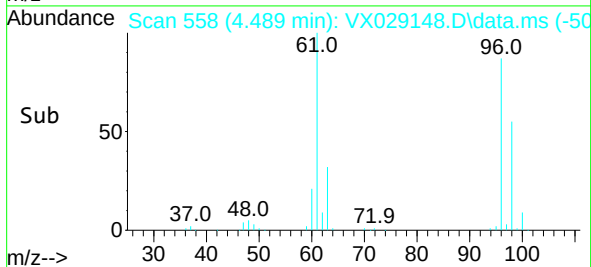
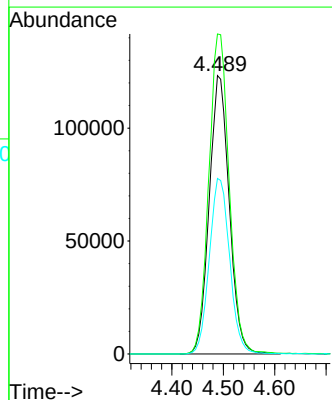
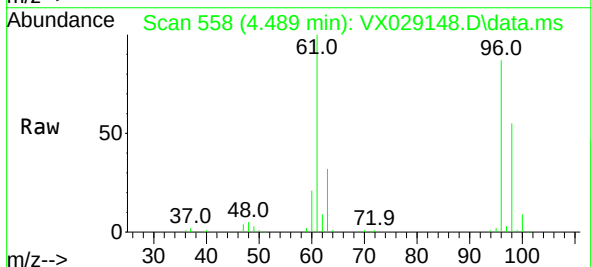
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20220525

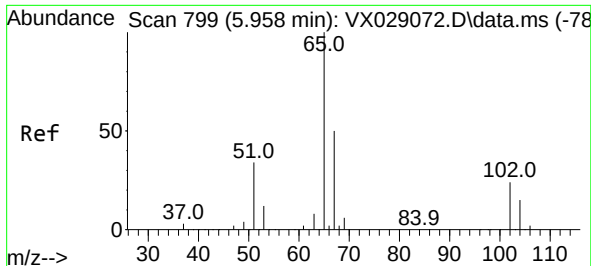
Tgt Ion: 96 Resp: 3139
Ion Ratio Lower Upper
96 100
61 143.8 105.4 158.2
98 78.6 50.0 75.0#



#27
cis-1,2-Dichloroethene
Concen: 93.194 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX029148.D
Acq: 02 Jun 2022 20:13

Tgt Ion: 96 Resp: 333076
Ion Ratio Lower Upper
96 100
61 117.2 0.0 283.8
98 64.0 0.0 129.8

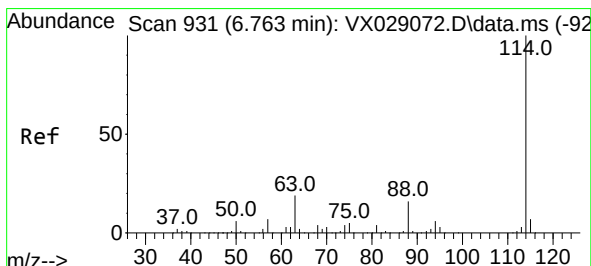
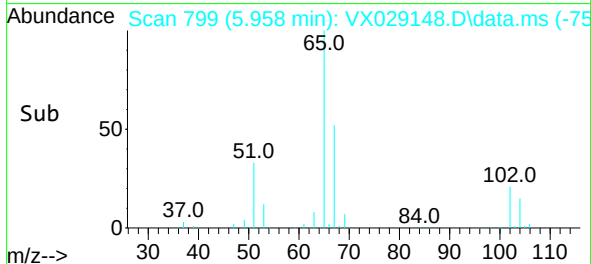
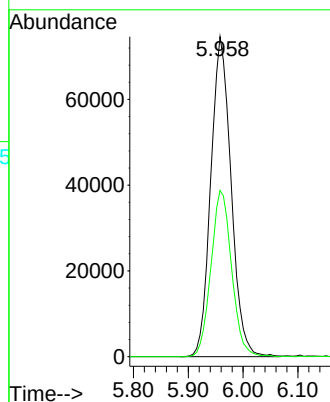
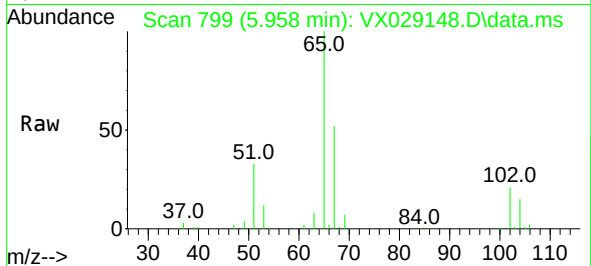




#33
 1,2-Dichloroethane-d4
 Concen: 57.672 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX029148.D
 Acq: 02 Jun 2022 20:13

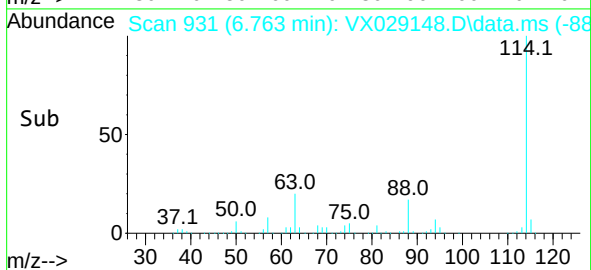
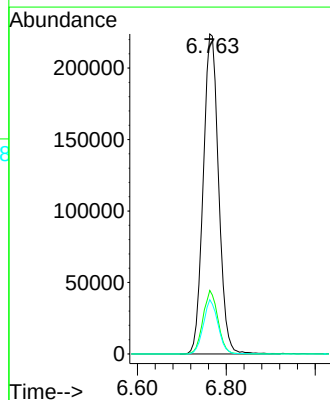
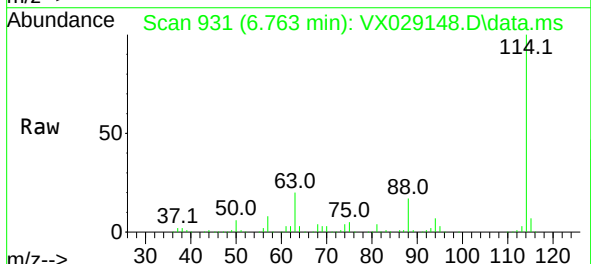
Instrument :
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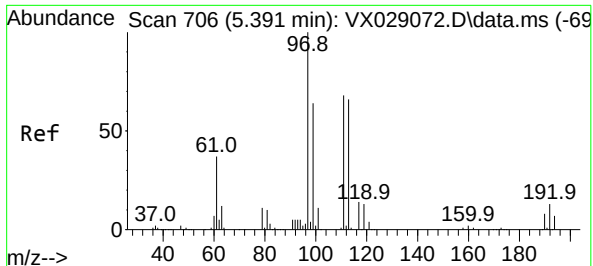
Tgt Ion: 65 Resp: 191675
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX029148.D
 Acq: 02 Jun 2022 20:13

Tgt Ion: 114 Resp: 539894
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 36.8
 88 16.9 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.299 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX029148.D

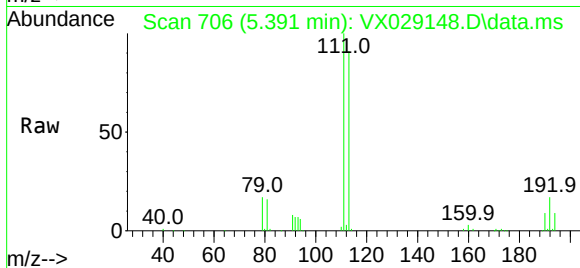
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Instrument :

MSVOA_X

ClientSampleId :

DUP03-20220525



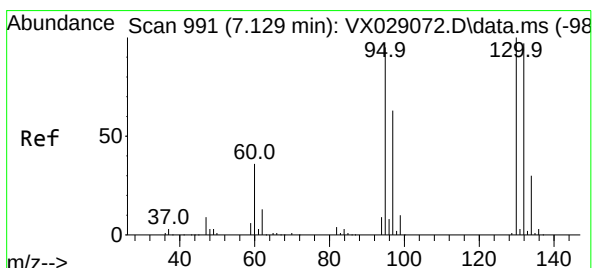
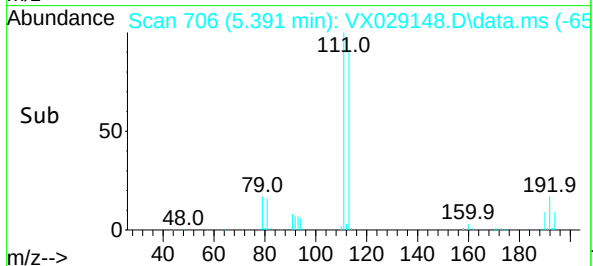
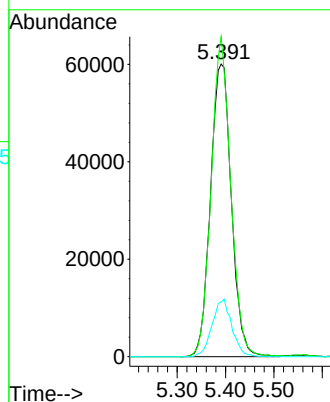
Tgt Ion:113 Resp: 180376

Ion Ratio Lower Upper

113 100

111 102.3 82.8 124.2

192 18.6 16.9 25.3



#44

Trichloroethene

Concen: 96.787 ug/l

RT: 7.128 min Scan# 991

Delta R.T. -0.001 min

Lab File: VX029148.D

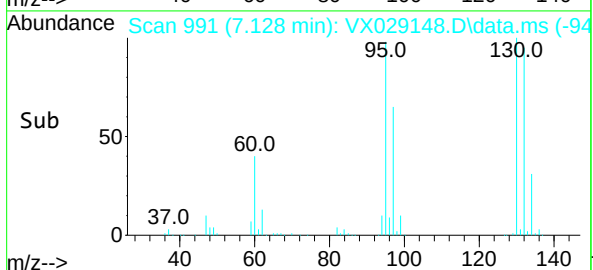
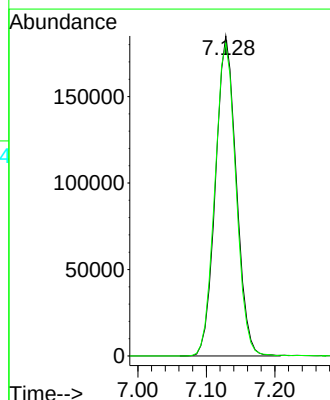
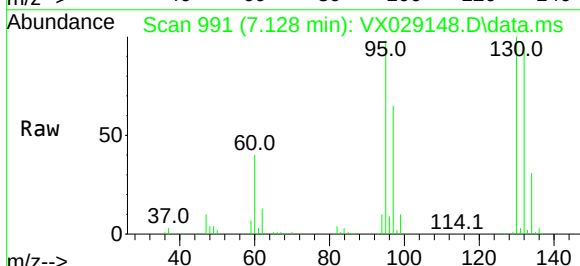
Acq: 02 Jun 2022 20:13

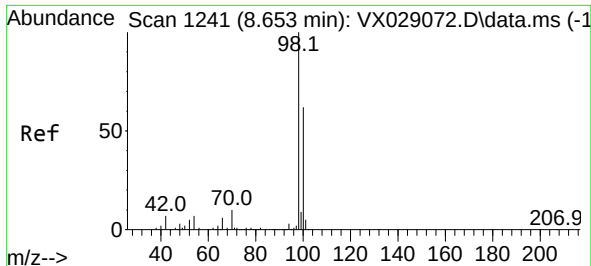
Tgt Ion:130 Resp: 389469

Ion Ratio Lower Upper

130 100

95 97.6 0.0 188.8

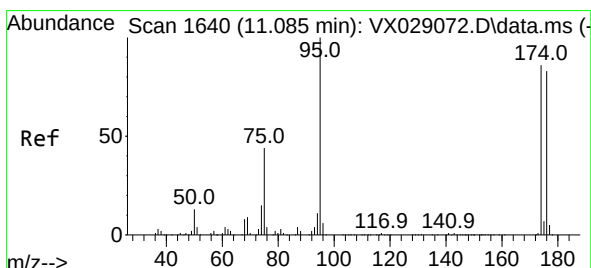
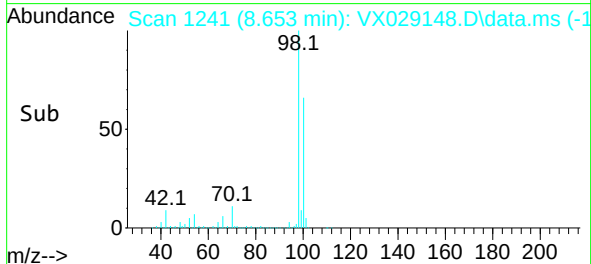
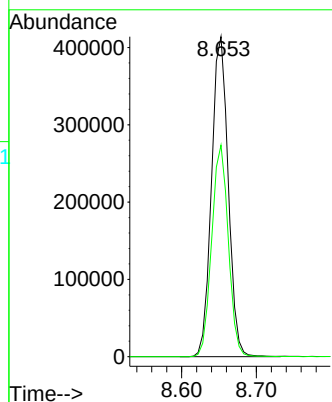
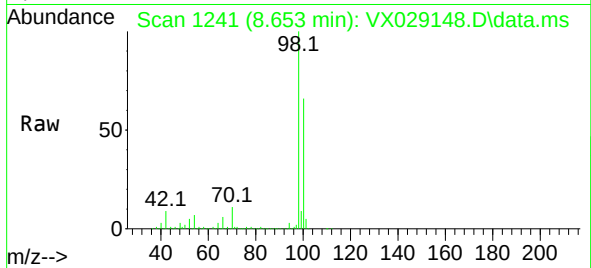




#50
Toluene-d8
Concen: 49.006 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029148.D
Acq: 02 Jun 2022 20:13

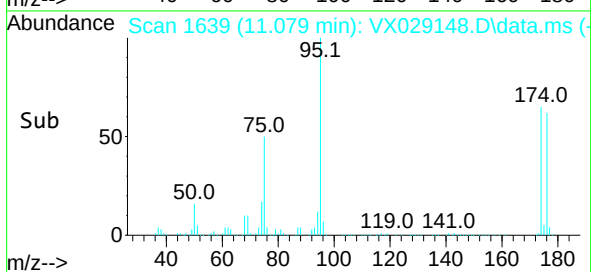
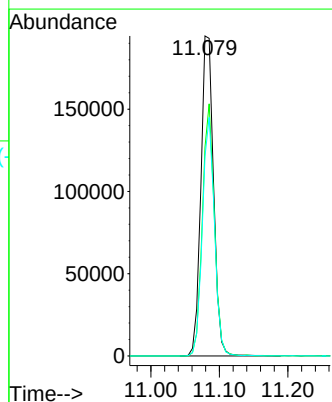
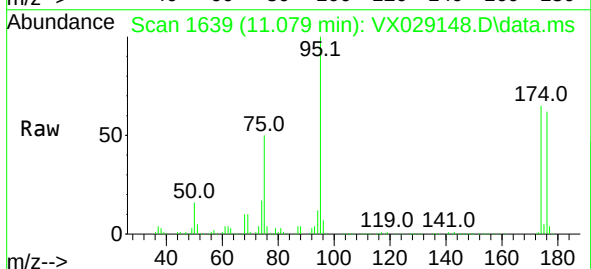
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20220525

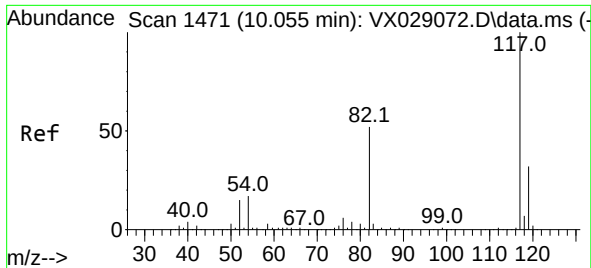
Tgt Ion: 98 Resp: 642761
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.472 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029148.D
Acq: 02 Jun 2022 20:13

Tgt Ion: 95 Resp: 250823
Ion Ratio Lower Upper
95 100
174 74.2 0.0 163.0
176 71.0 0.0 155.0

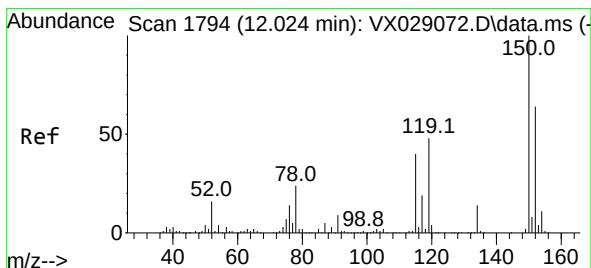
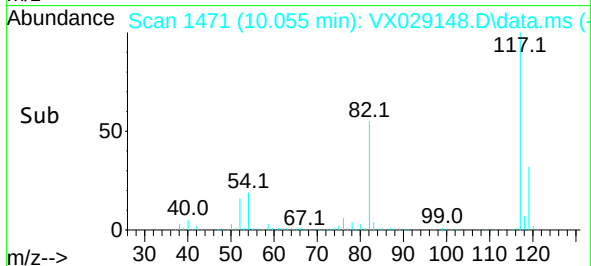
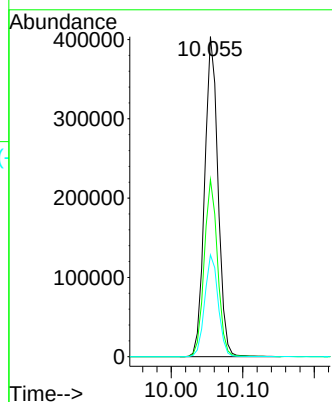
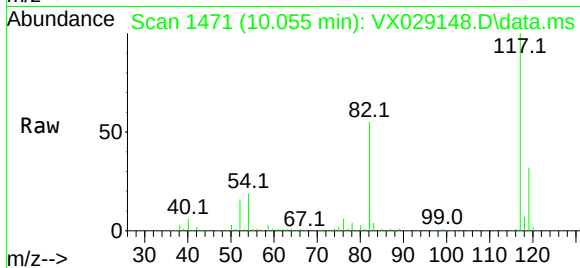




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029148.D
Acq: 02 Jun 2022 20:13

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20220525

Tgt Ion:117 Resp: 525294
Ion Ratio Lower Upper
117 100
82 55.3 41.8 62.8
119 31.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029148.D
Acq: 02 Jun 2022 20:13

Tgt Ion:152 Resp: 239357
Ion Ratio Lower Upper
152 100
115 62.9 37.5 112.7
150 156.1 0.0 338.2

