

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
 Data File : VX029053.D
 Acq On : 28 May 2022 03:39
 Operator : JC/MD
 Sample : N3022-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20BR-20220525

Quant Time: May 28 08:38:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

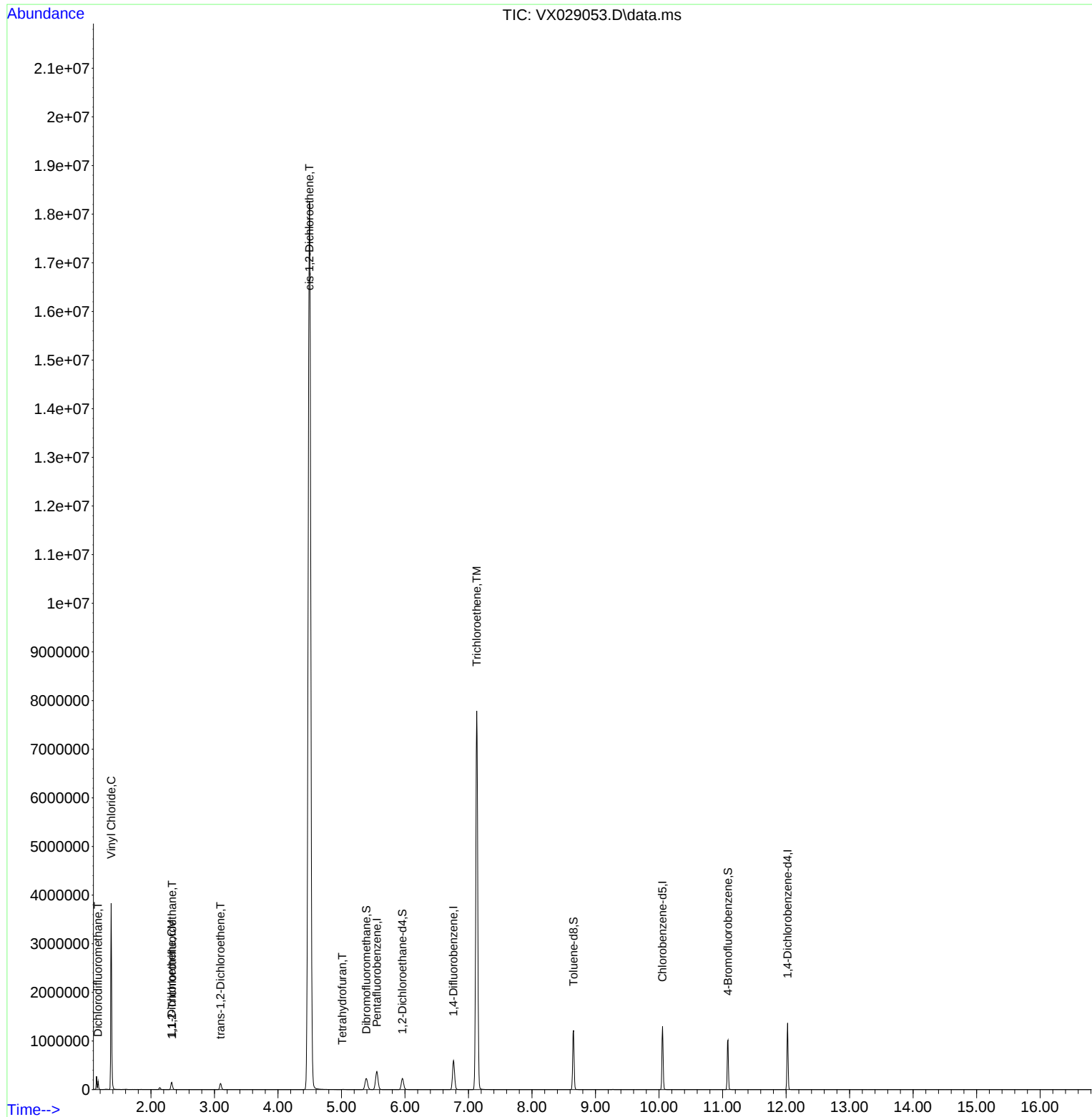
Internal Standards						
1) Pentafluorobenzene	5.556	168	353133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	626773	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	602299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	282023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	223099	46.089	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.180%
35) Dibromofluoromethane	5.391	113	205540	50.052	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.100%
50) Toluene-d8	8.653	98	742231	47.940	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.880%
62) 4-Bromofluorobenzene	11.085	95	290363	50.212	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.420%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	78976	17.080	ug/l	99
4) Vinyl Chloride	1.374	62	2303735	490.906	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	22945	5.828	ug/l	100
12) 1,1-Dichloroethene	2.325	96	36936	10.106	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	55860	13.569	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	12797258	2661.612	ug/l	82
29) Tetrahydrofuran	5.013	42	3372	1.591	ug/l	93
44) Trichloroethene	7.129	130	3135171	652.135	ug/l	98

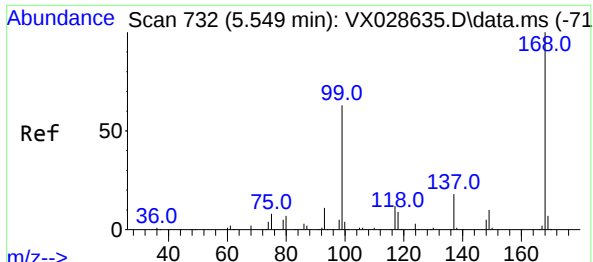
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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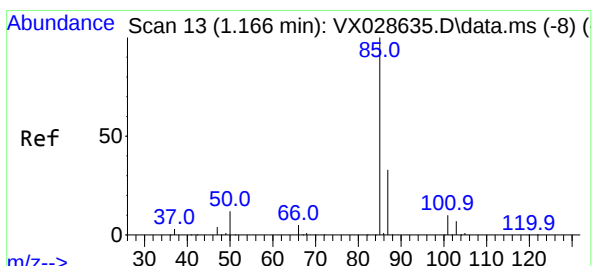
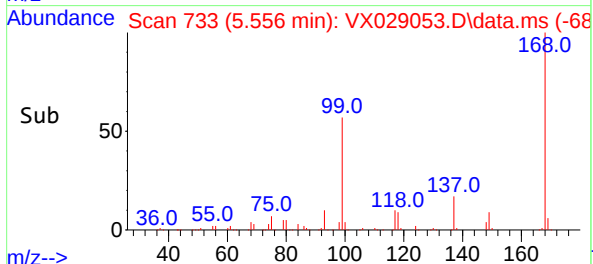
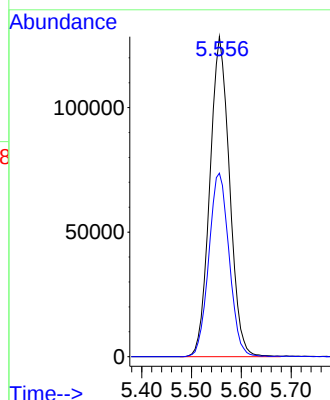
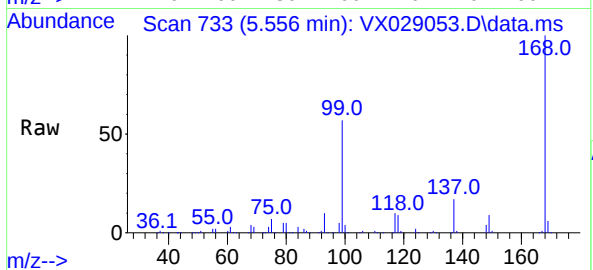




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX029053.D
Acq: 28 May 2022 03:39

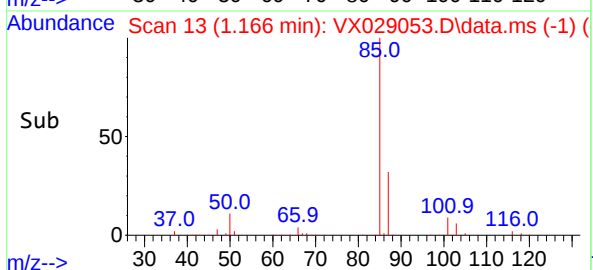
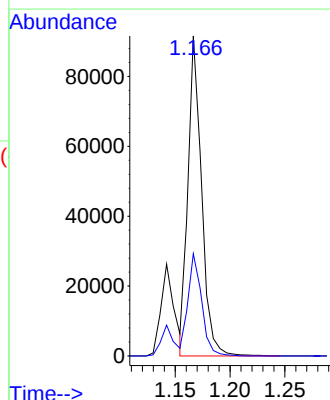
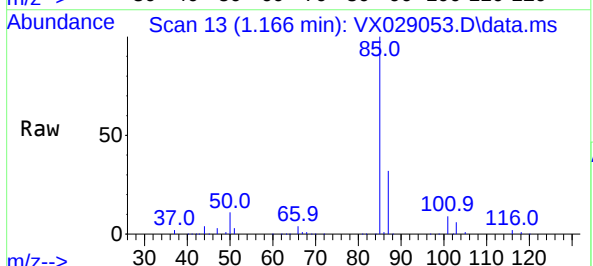
Instrument :
MSVOA_X
ClientSampleId :
20BR-20220525

Tgt Ion:168 Resp: 353133
Ion Ratio Lower Upper
168 100
99 57.4 41.7 62.5

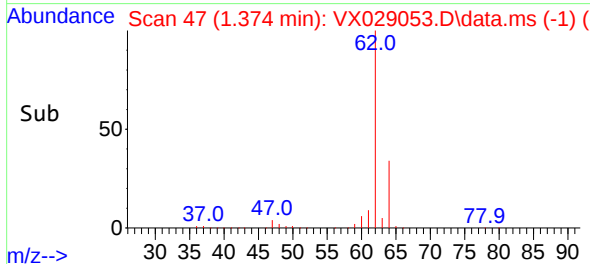
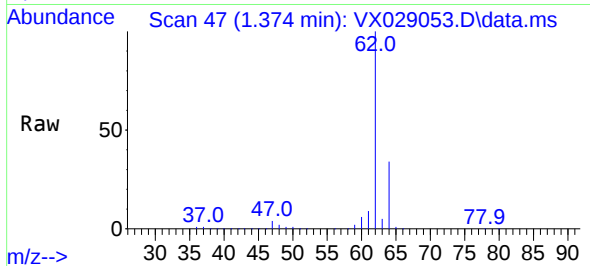
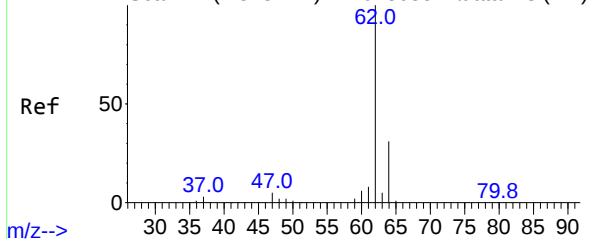


#2
Dichlorodifluoromethane
Concen: 17.080 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX029053.D
Acq: 28 May 2022 03:39

Tgt Ion: 85 Resp: 78976
Ion Ratio Lower Upper
85 100
87 32.0 16.2 48.6



Abundance Scan 47 (1.373 min): VX028635.D\data.ms (-42)



#4

Vinyl Chloride

Concen: 490.906 ug/l

RT: 1.374 min Scan# 41

Delta R.T. 0.001 min

Lab File: VX029053.D

Acq: 28 May 2022 03:39

Instrument :

MSVOA_X

ClientSampleId :

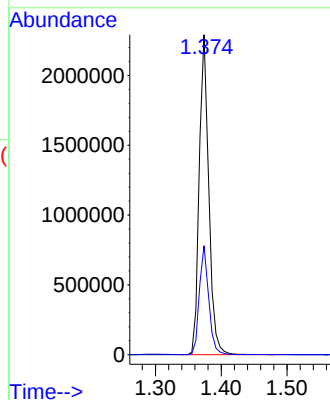
20BR-20220525

Tgt Ion: 62 Resp: 2303735

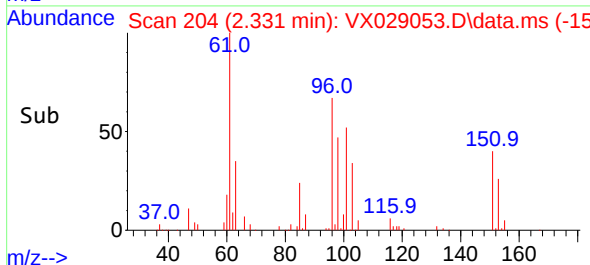
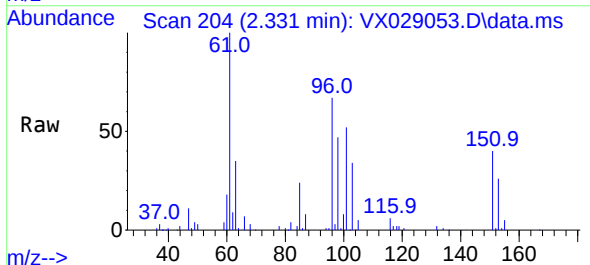
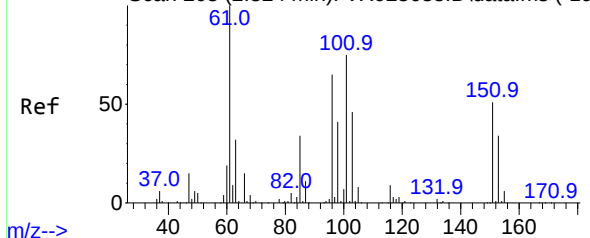
Ion Ratio Lower Upper

62 100

64 34.0 25.5 38.3



Abundance Scan 203 (2.324 min): VX028635.D\data.ms (-19)



#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.828 ug/l

RT: 2.331 min Scan# 204

Delta R.T. 0.007 min

Lab File: VX029053.D

Acq: 28 May 2022 03:39

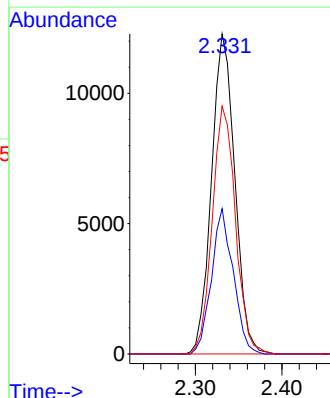
Tgt Ion:101 Resp: 22945

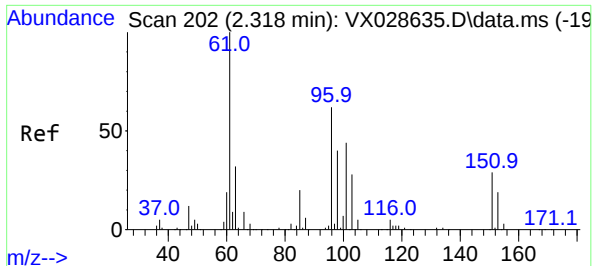
Ion Ratio Lower Upper

101 100

85 42.4 33.5 50.3

151 77.1 61.8 92.6

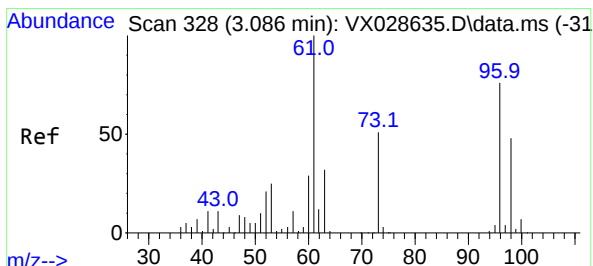
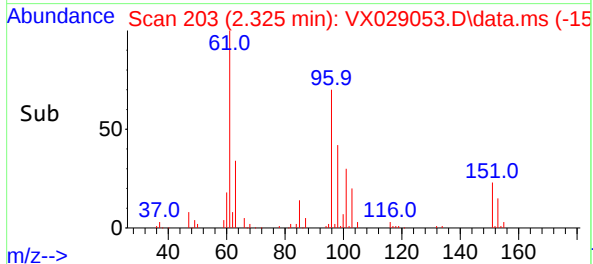
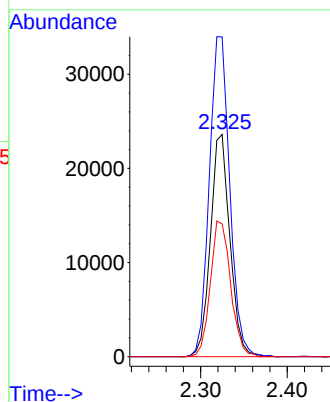
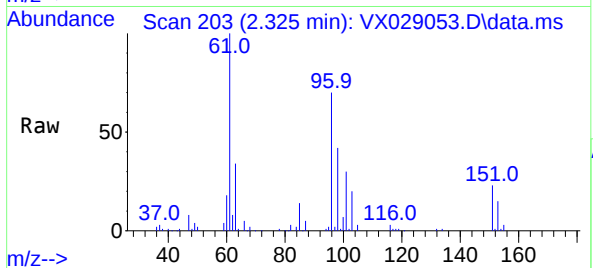




#12
1,1-Dichloroethene
Concen: 10.106 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.007 min
Lab File: VX029053.D
Acq: 28 May 2022 03:39

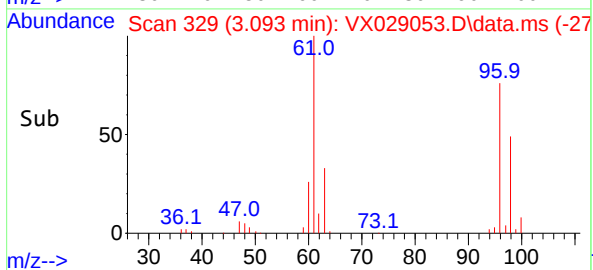
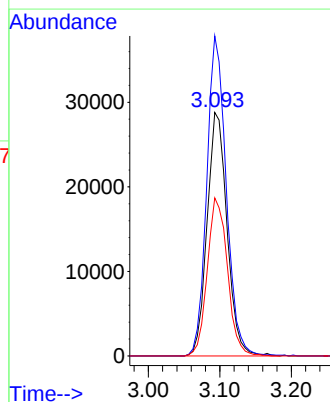
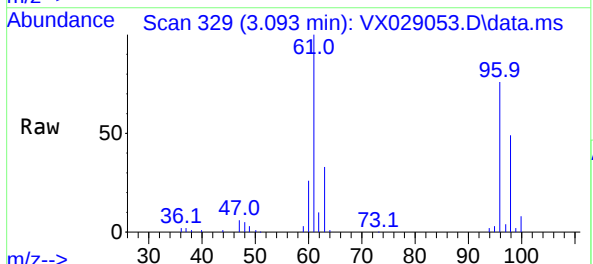
Instrument :
MSVOA_X
ClientSampleId :
20BR-20220525

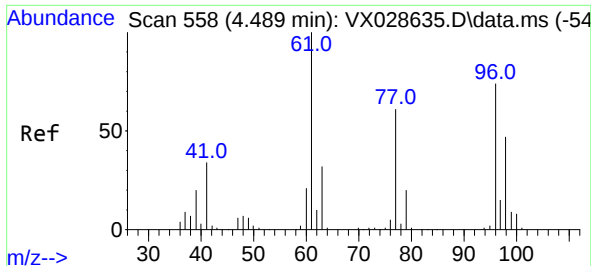
Tgt Ion: 96 Resp: 36936
Ion Ratio Lower Upper
96 100
61 143.8 124.6 187.0
98 59.7 51.0 76.4



#21
trans-1,2-Dichloroethene
Concen: 13.569 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.007 min
Lab File: VX029053.D
Acq: 28 May 2022 03:39

Tgt Ion: 96 Resp: 55860
Ion Ratio Lower Upper
96 100
61 131.4 105.4 158.2
98 64.9 50.0 75.0





#27

cis-1,2-Dichloroethene

Concen: 2661.612 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX029053.D

Acq: 28 May 2022 03:39

Instrument :

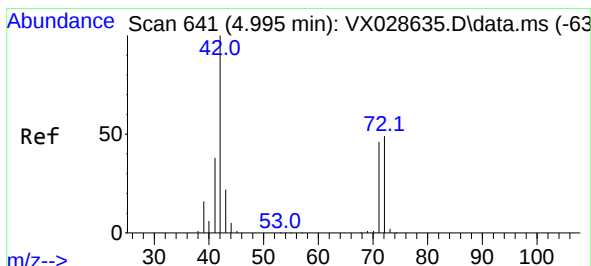
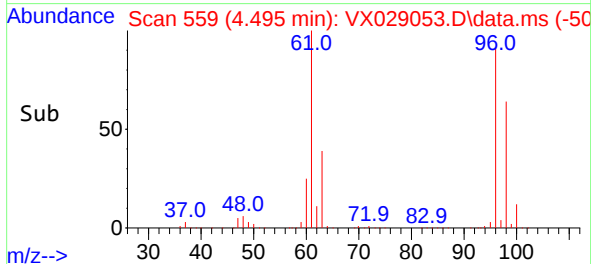
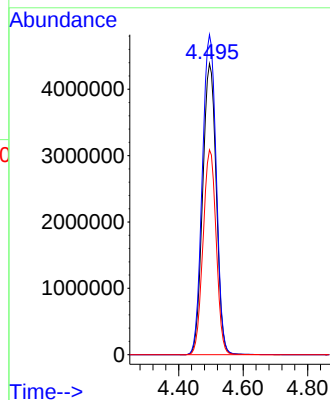
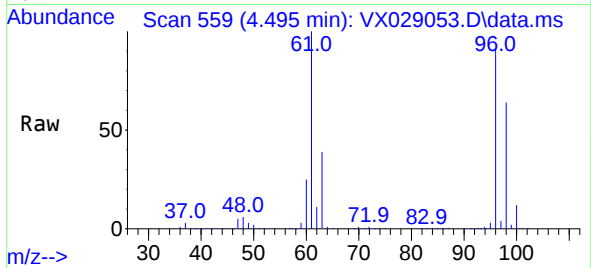
MSVOA_X

ClientSampleId :

20BR-20220525

Tgt Ion: 96 Resp:12797258

Ion	Ratio	Lower	Upper
96	100		
61	112.4	0.0	283.8
98	68.2	0.0	129.8



#29

Tetrahydrofuran

Concen: 1.591 ug/l

RT: 5.013 min Scan# 644

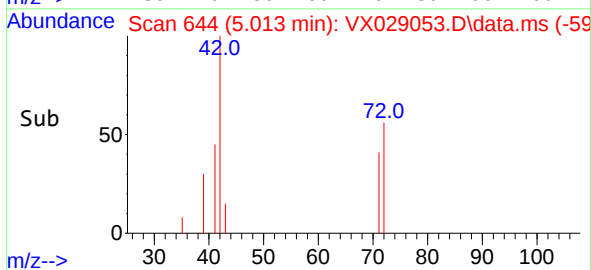
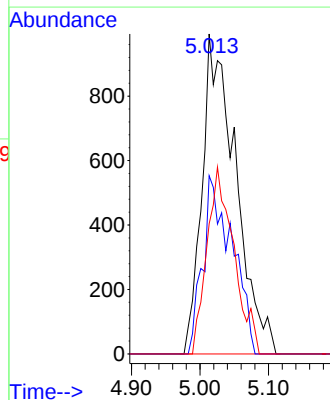
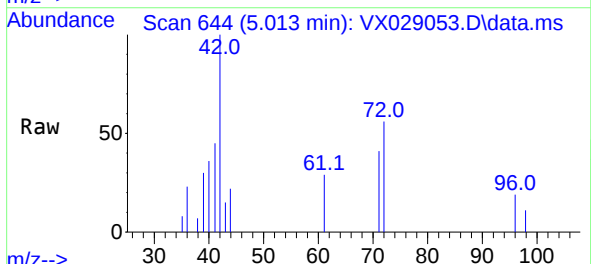
Delta R.T. 0.018 min

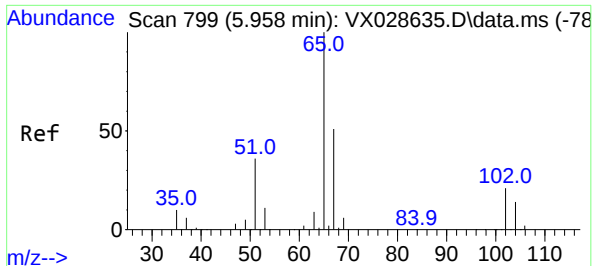
Lab File: VX029053.D

Acq: 28 May 2022 03:39

Tgt Ion: 42 Resp: 3372

Ion	Ratio	Lower	Upper
42	100		
72	48.8	44.1	66.1
71	46.8	40.5	60.7





#33

1,2-Dichloroethane-d4

Concen: 46.089 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029053.D

Acq: 28 May 2022 03:39

Instrument :

MSVOA_X

ClientSampleId :

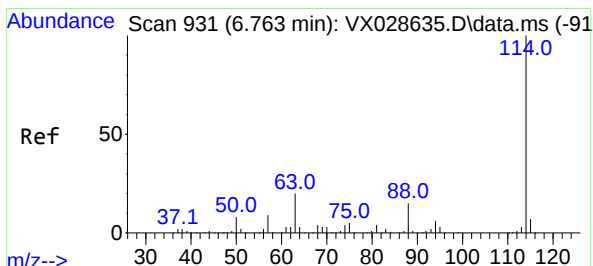
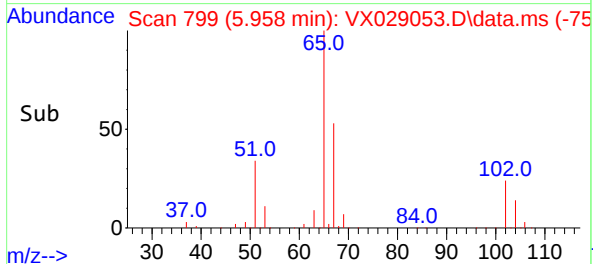
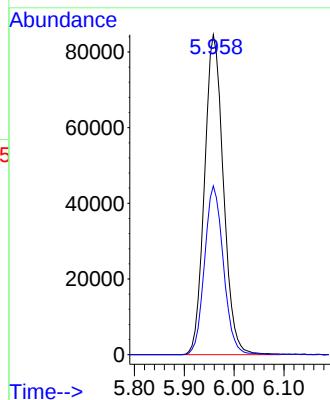
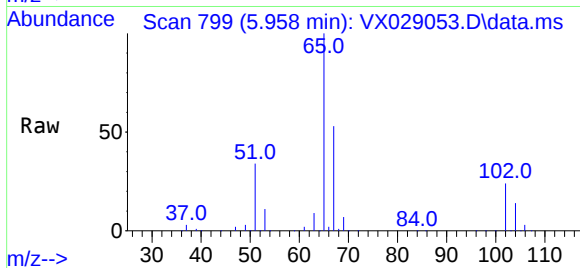
20BR-20220525

Tgt Ion: 65 Resp: 223099

Ion Ratio Lower Upper

65 100

67 52.5 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: VX029053.D

Acq: 28 May 2022 03:39

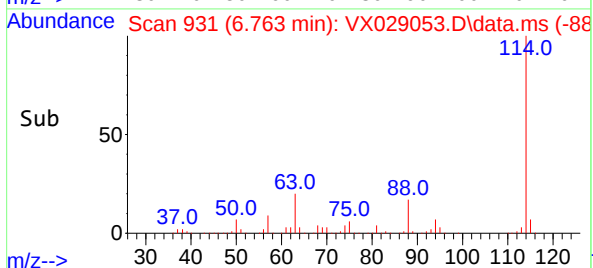
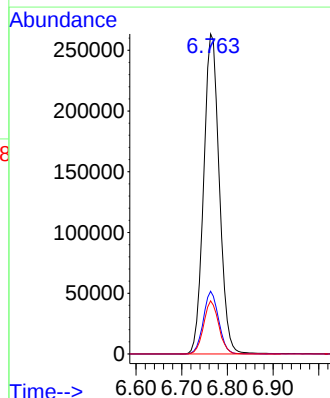
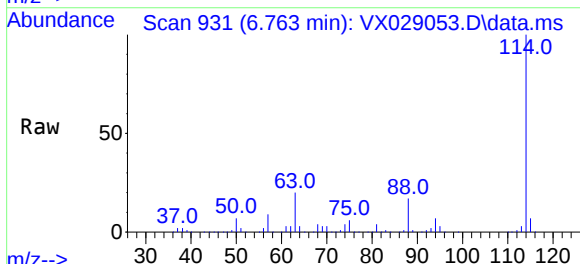
Tgt Ion: 114 Resp: 626773

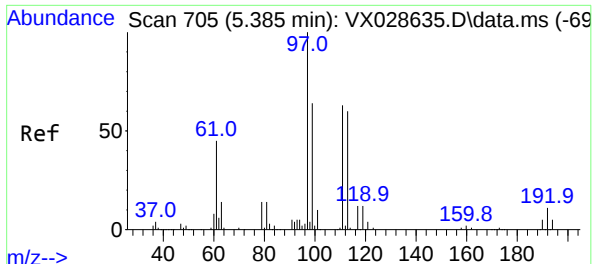
Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.8

88 16.6 0.0 32.4

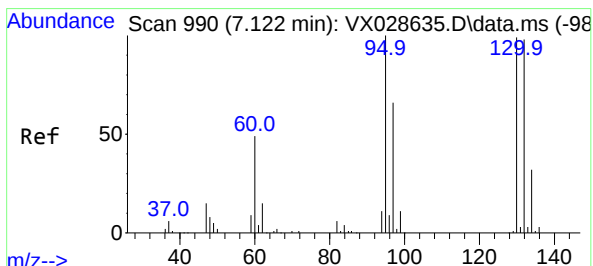
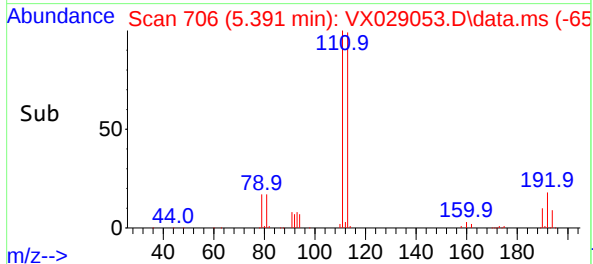
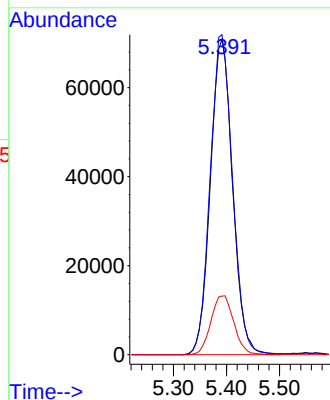
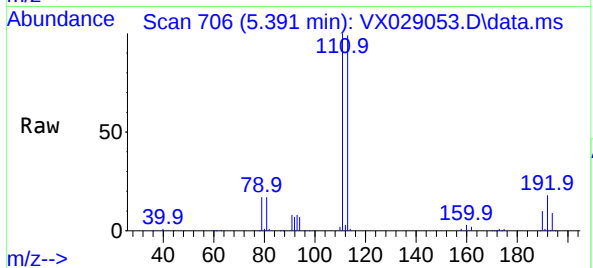




#35
Dibromofluoromethane
Concen: 50.052 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX029053.D
Acq: 28 May 2022 03:39

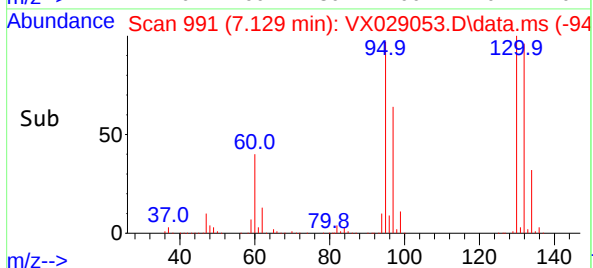
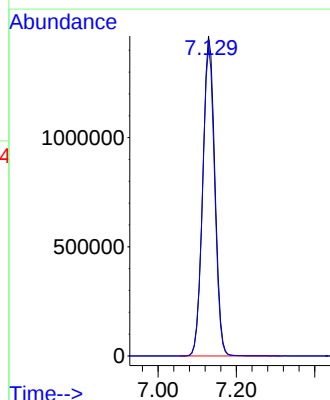
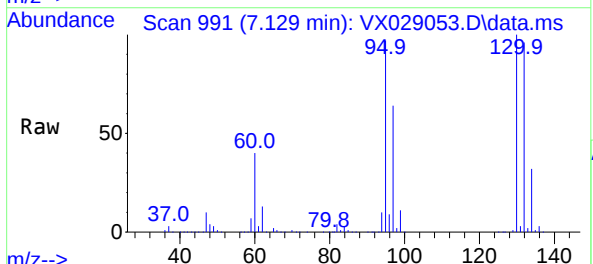
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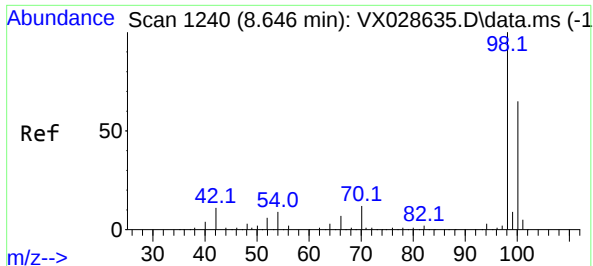
Tgt Ion:113 Resp: 205540
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 19.3 16.9 25.3



#44
Trichloroethene
Concen: 652.135 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX029053.D
Acq: 28 May 2022 03:39

Tgt Ion:130 Resp: 3135171
Ion Ratio Lower Upper
130 100
95 96.6 0.0 188.8

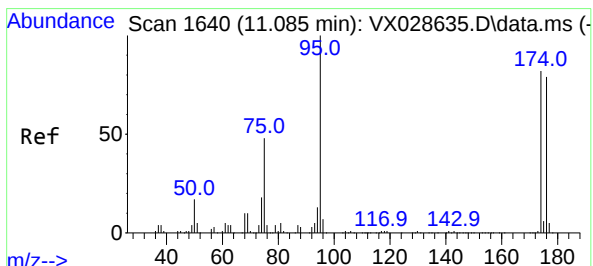
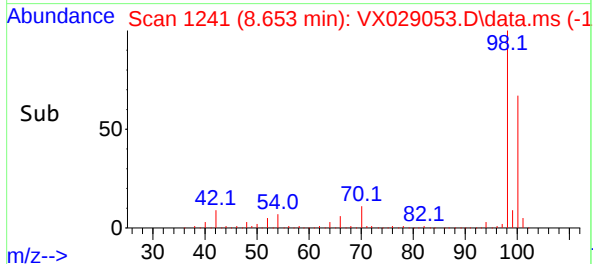
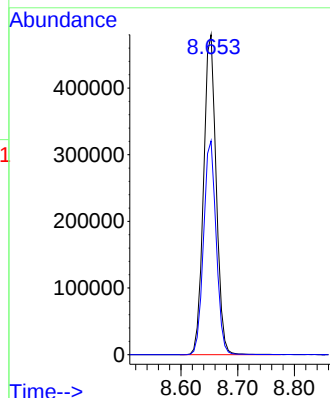
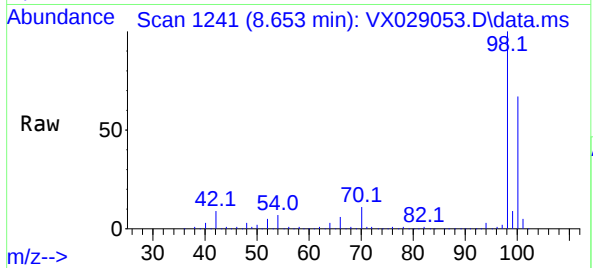




#50
Toluene-d8
Concen: 47.940 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX029053.D
Acq: 28 May 2022 03:39

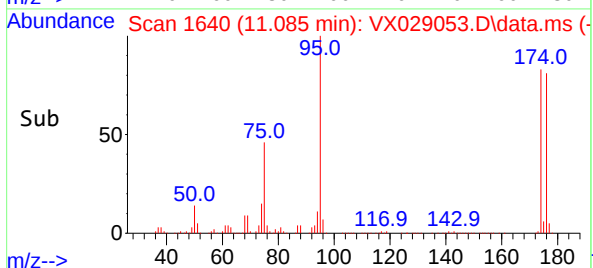
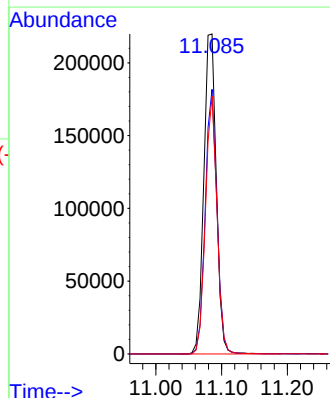
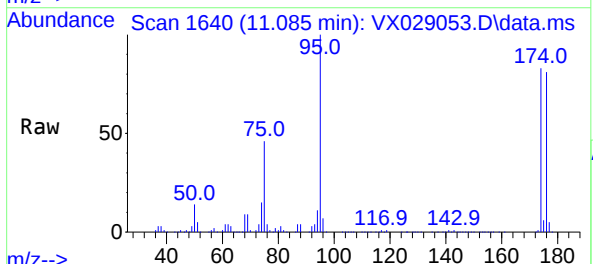
Instrument :
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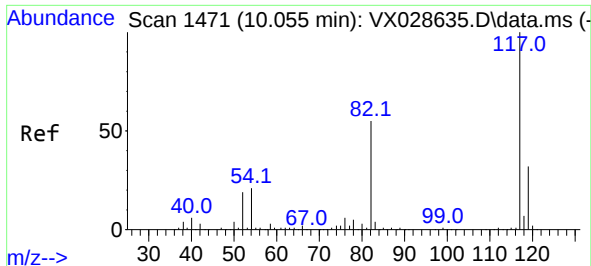
Tgt Ion: 98 Resp: 742231
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.212 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029053.D
Acq: 28 May 2022 03:39

Tgt Ion: 95 Resp: 290363
Ion Ratio Lower Upper
95 100
174 77.7 0.0 163.0
176 74.9 0.0 155.0

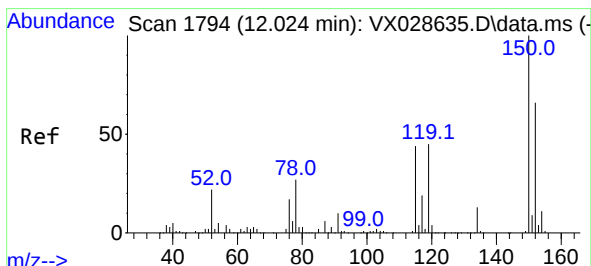
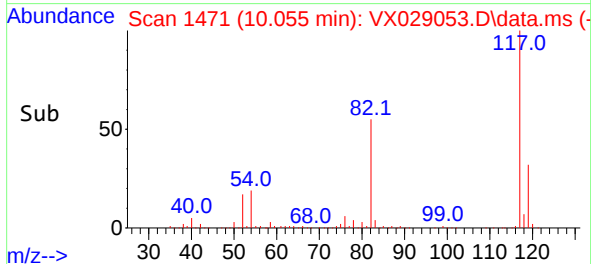
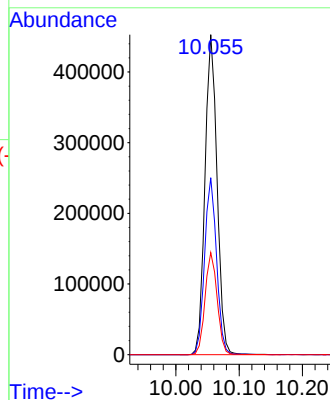
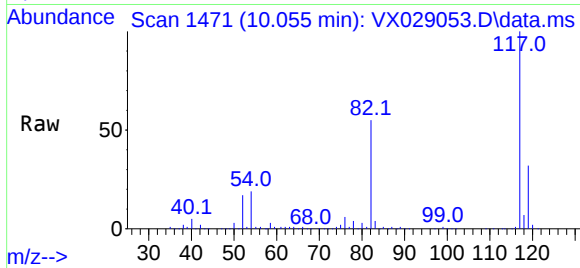




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029053.D
Acq: 28 May 2022 03:39

Instrument :
MSVOA_X
ClientSampleId :
20BR-20220525

Tgt Ion:117 Resp: 602299
Ion Ratio Lower Upper
117 100
82 55.3 41.8 62.8
119 31.9 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: VX029053.D
Acq: 28 May 2022 03:39

Tgt Ion:152 Resp: 282023
Ion Ratio Lower Upper
152 100
115 61.0 37.5 112.7
150 158.6 0.0 338.2

