

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052622\
 Data File : VX028994.D
 Acq On : 26 May 2022 13:19
 Operator : JC/MD
 Sample : N2983-05DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 04BR-20220520DL

Quant Time: May 27 07:32:47 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)

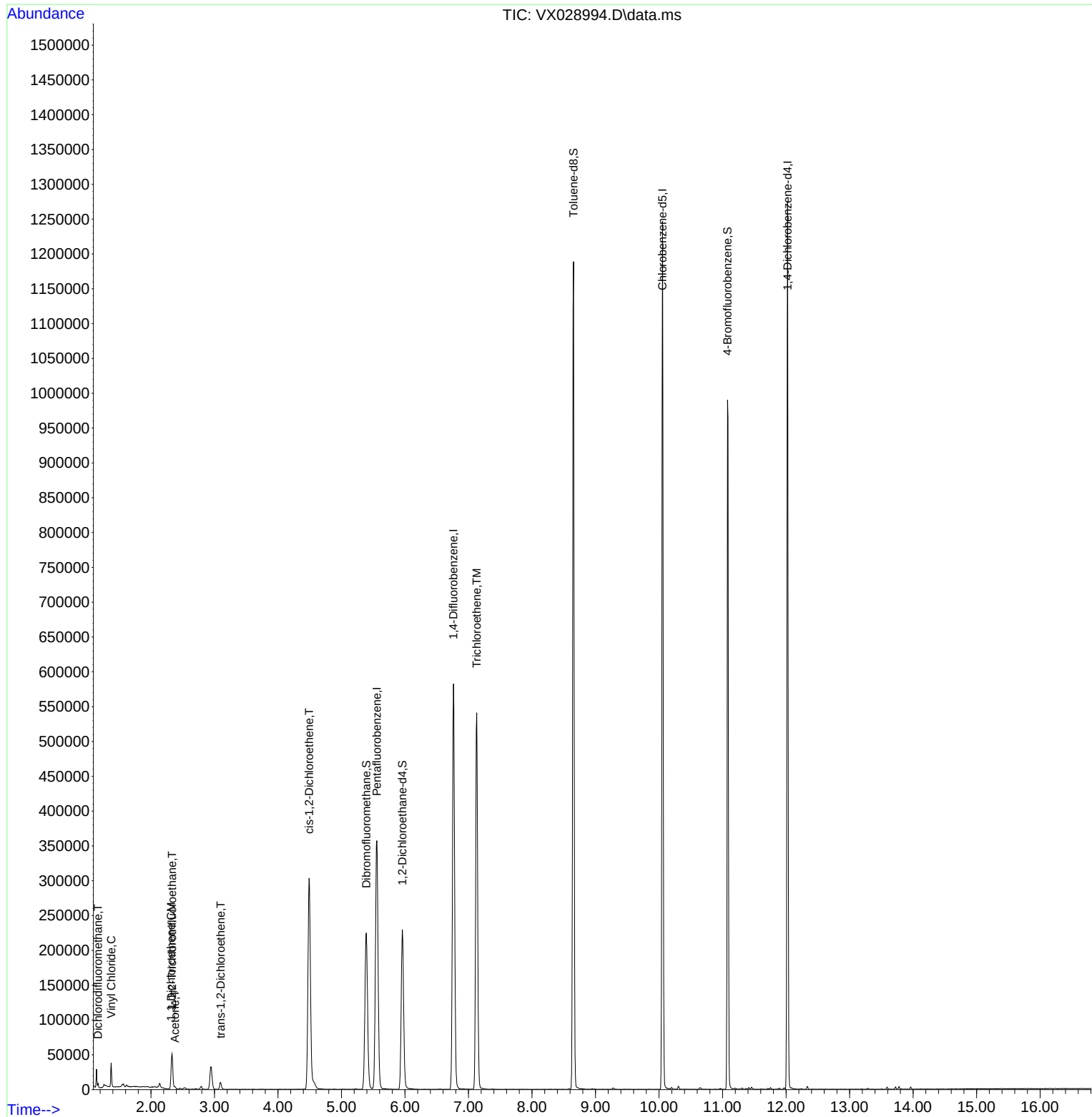
Internal Standards						
1) Pentafluorobenzene	5.556	168	341312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	609485	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	572705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	261391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	226348	48.379	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.760%
35) Dibromofluoromethane	5.391	113	200571	50.227	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.460%
50) Toluene-d8	8.653	98	714633	47.467	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.940%
62) 4-Bromofluorobenzene	11.079	95	275887	49.062	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	2735	0.612	ug/l	94
4) Vinyl Chloride	1.374	62	20113	4.434	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	18685	4.910	ug/l	97
12) 1,1-Dichloroethene	2.319	96	2681	0.759	ug/l	93
16) Acetone	2.380	43	3618	1.802	ug/l	93
21) trans-1,2-Dichloroethene	3.099	96	4216	1.060	ug/l	89
27) cis-1,2-Dichloroethene	4.489	96	201306	43.318	ug/l	88
44) Trichloroethene	7.129	130	218017	46.635	ug/l	96

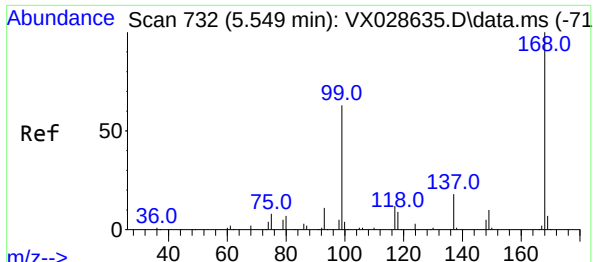
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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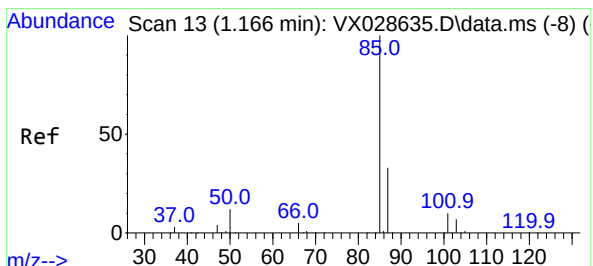
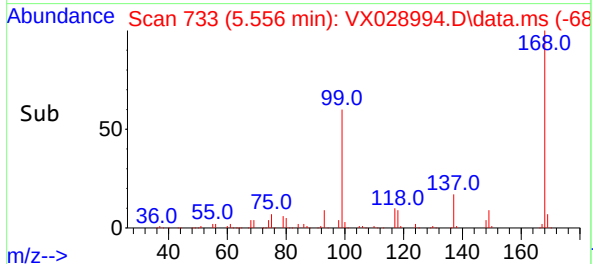
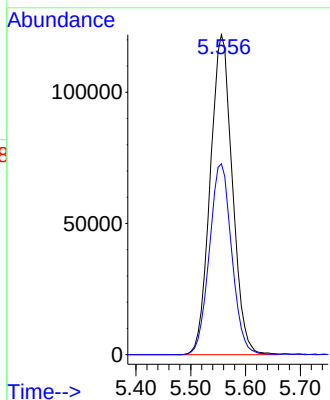
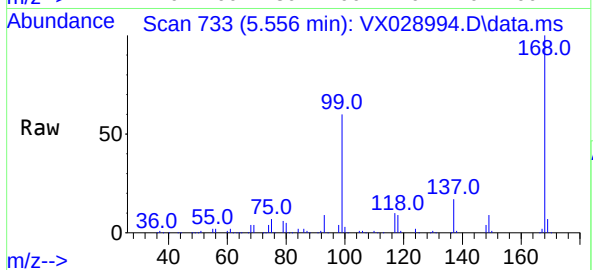




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028994.D
Acq: 26 May 2022 13:19

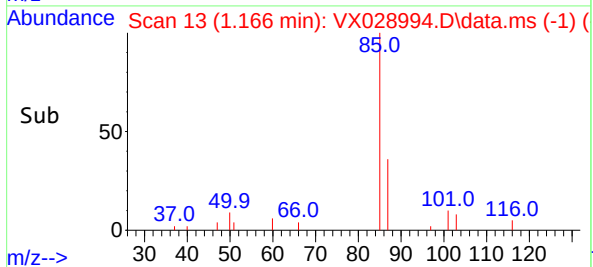
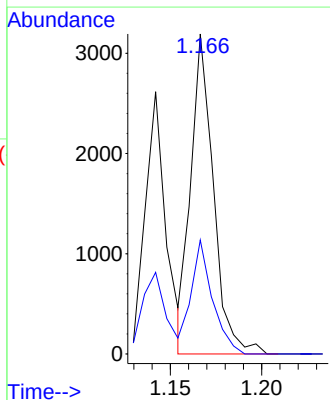
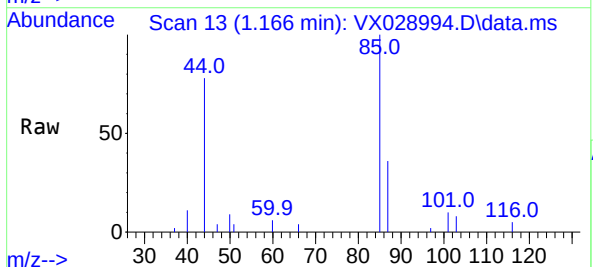
Instrument :
MSVOA_X
ClientSampleId :
04BR-20220520DL

Tgt Ion:168 Resp: 341312
Ion Ratio Lower Upper
168 100
99 59.6 41.7 62.5

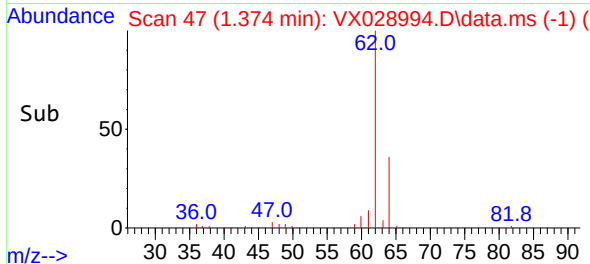
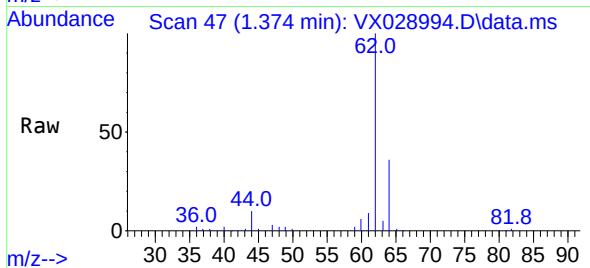
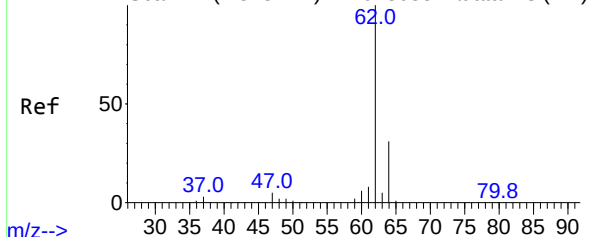


#2
Dichlorodifluoromethane
Concen: 0.612 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028994.D
Acq: 26 May 2022 13:19

Tgt Ion: 85 Resp: 2735
Ion Ratio Lower Upper
85 100
87 35.6 16.2 48.6



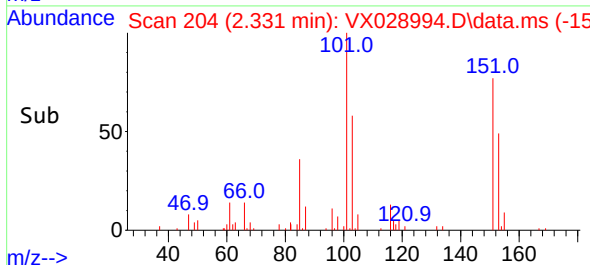
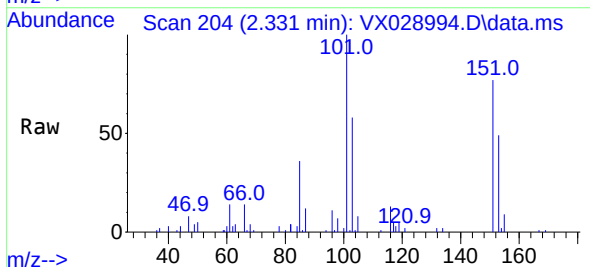
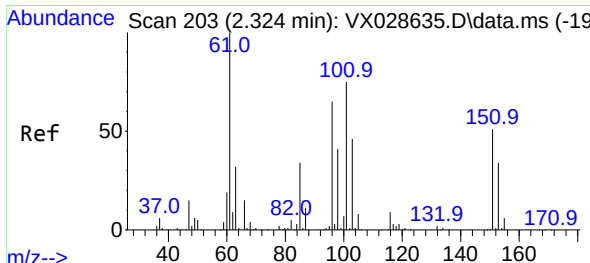
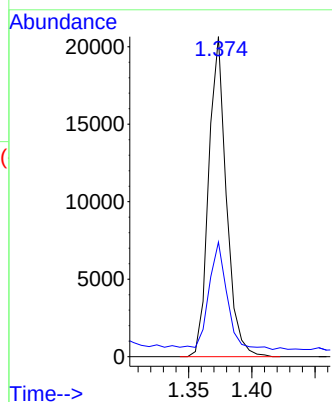
Abundance Scan 47 (1.373 min): VX028635.D\data.ms (-42)



#4
Vinyl Chloride
Concen: 4.434 ug/l
RT: 1.374 min Scan# 41
Delta R.T. 0.001 min
Lab File: VX028994.D
Acq: 26 May 2022 13:19

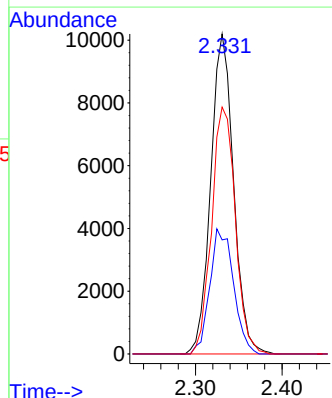
Instrument :
MSVOA_X
ClientSampleId :
04BR-20220520DL

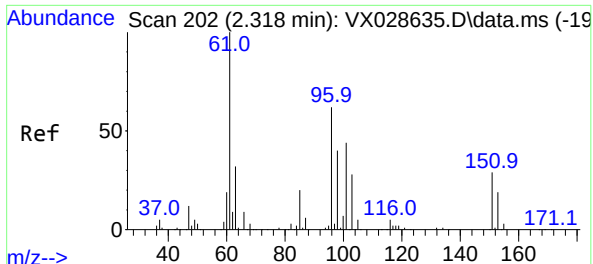
Tgt Ion: 62 Resp: 20113
Ion Ratio Lower Upper
62 100
64 33.0 25.5 38.3



#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.910 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.007 min
Lab File: VX028994.D
Acq: 26 May 2022 13:19

Tgt Ion: 101 Resp: 18685
Ion Ratio Lower Upper
101 100
85 40.6 33.5 50.3
151 79.9 61.8 92.6

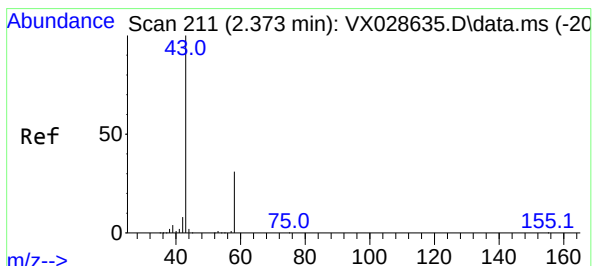
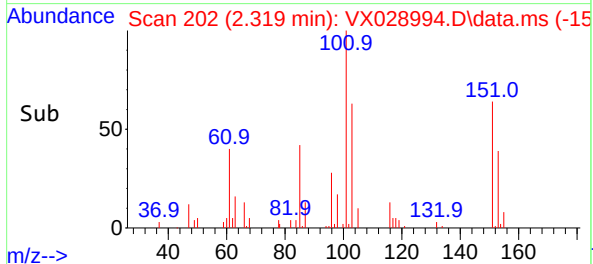
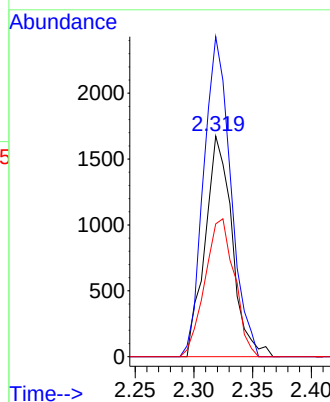
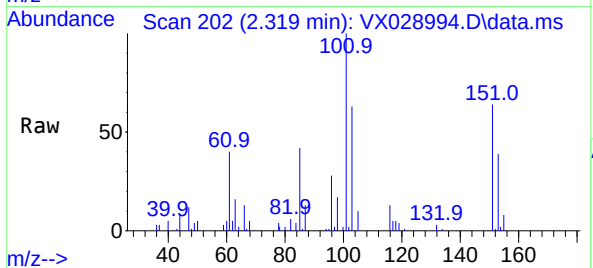




#12
1,1-Dichloroethene
Concen: 0.759 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.001 min
Lab File: VX028994.D
Acq: 26 May 2022 13:19

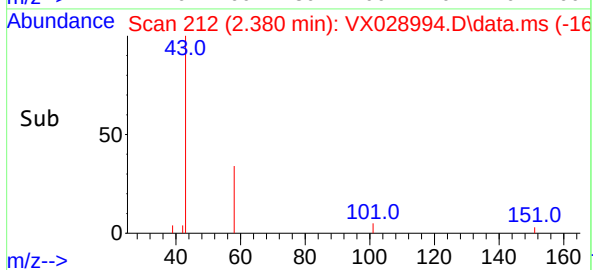
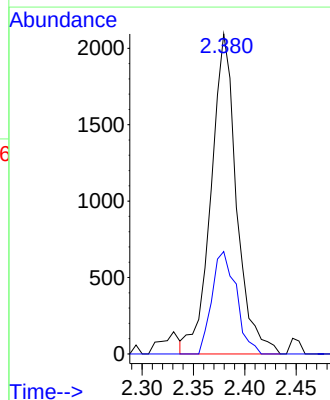
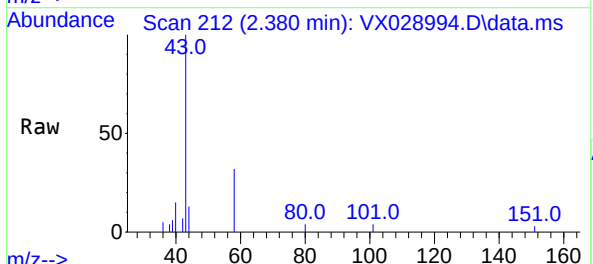
Instrument :
MSVOA_X
ClientSampleId :
04BR-20220520DL

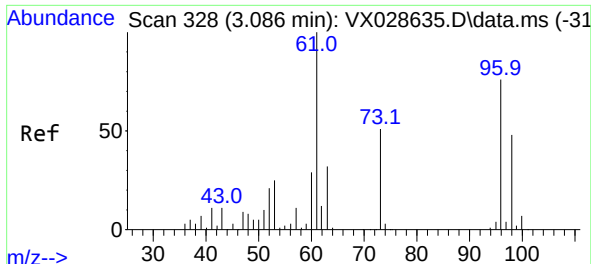
Tgt Ion: 96 Resp: 2681
Ion Ratio Lower Upper
96 100
61 145.0 124.6 187.0
98 60.2 51.0 76.4



#16
Acetone
Concen: 1.802 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028994.D
Acq: 26 May 2022 13:19

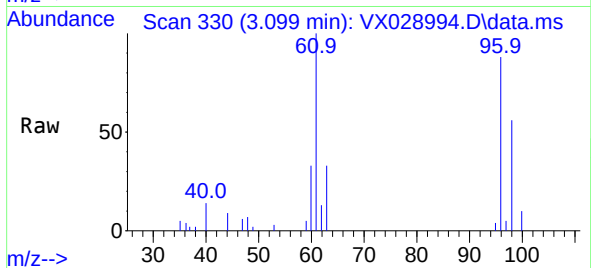
Tgt Ion: 43 Resp: 3618
Ion Ratio Lower Upper
43 100
58 32.0 28.8 43.2



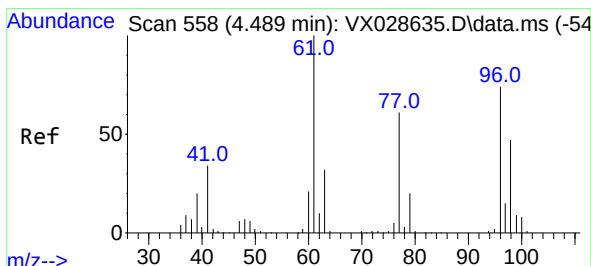
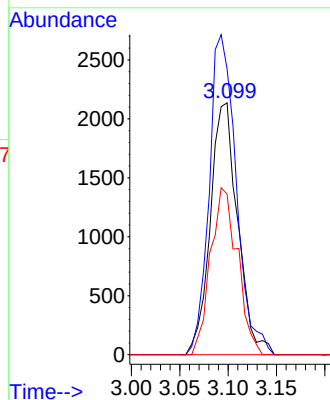
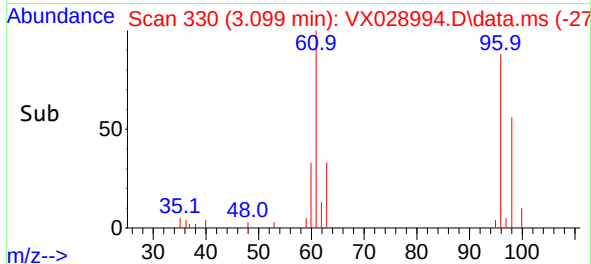


#21
trans-1,2-Dichloroethene
Concen: 1.060 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.013 min
Lab File: VX028994.D
Acq: 26 May 2022 13:19

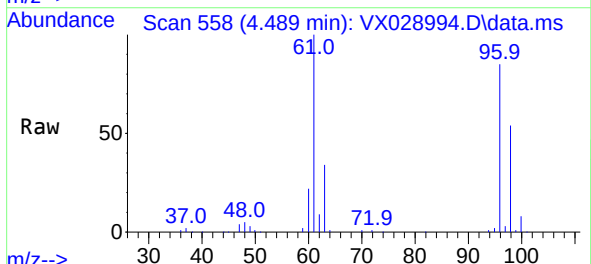
Instrument :
MSVOA_X
ClientSampleId :
04BR-20220520DL



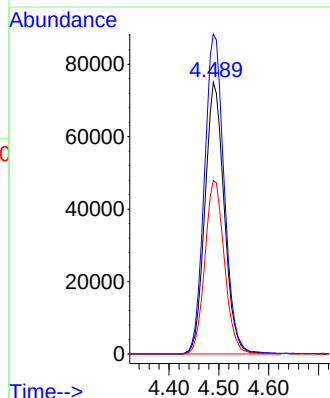
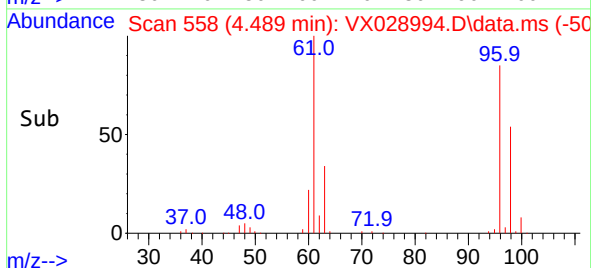
Tgt Ion: 96 Resp: 4216
Ion Ratio Lower Upper
96 100
61 113.5 105.4 158.2
98 63.8 50.0 75.0

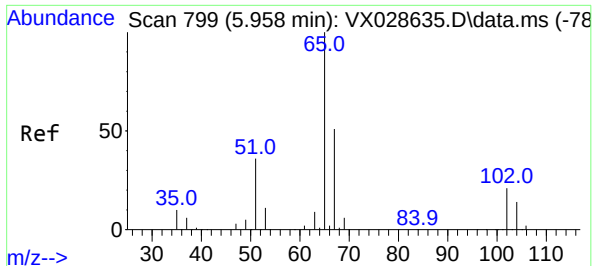


#27
cis-1,2-Dichloroethene
Concen: 43.318 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX028994.D
Acq: 26 May 2022 13:19



Tgt Ion: 96 Resp: 201306
Ion Ratio Lower Upper
96 100
61 120.8 0.0 283.8
98 64.8 0.0 129.8





#33

1,2-Dichloroethane-d4

Concen: 48.379 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028994.D

Acq: 26 May 2022 13:19

Instrument :

MSVOA_X

ClientSampleId :

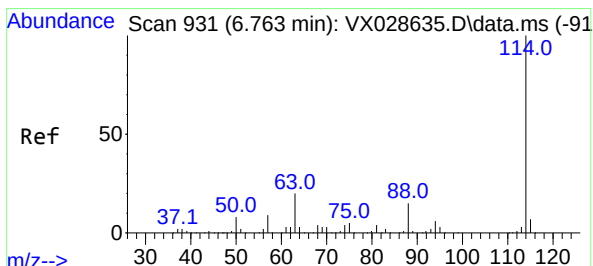
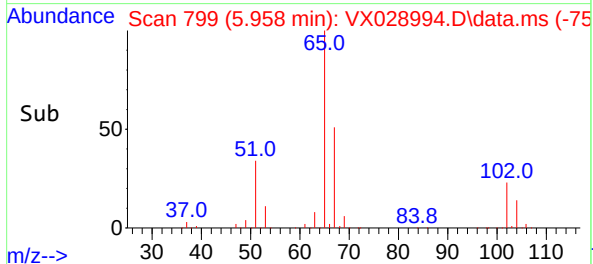
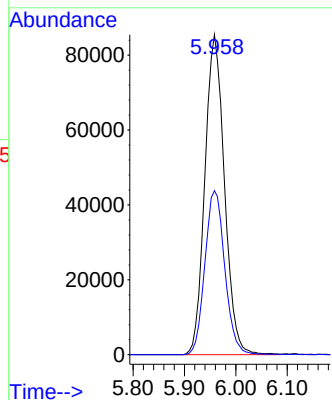
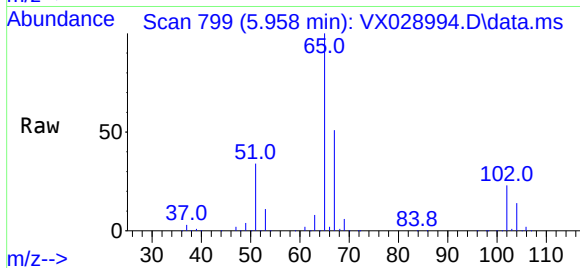
04BR-20220520DL

Tgt Ion: 65 Resp: 226348

Ion Ratio Lower Upper

65 100

67 52.1 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: VX028994.D

Acq: 26 May 2022 13:19

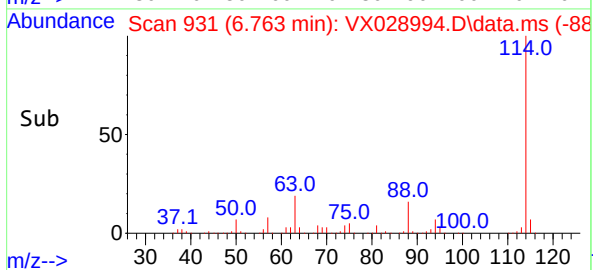
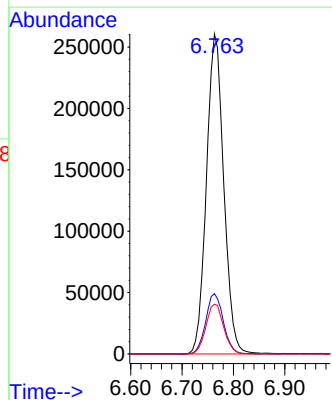
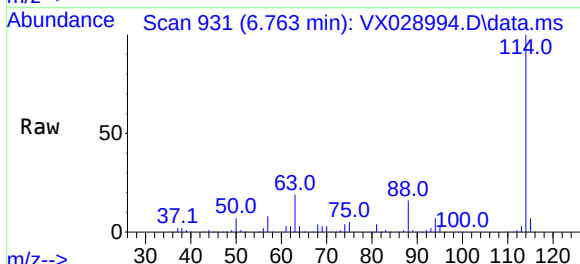
Tgt Ion: 114 Resp: 609485

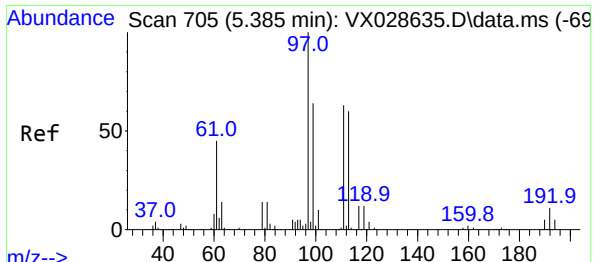
Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.8

88 15.5 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.227 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028994.D

Acq: 26 May 2022 13:19

Instrument :

MSVOA_X

ClientSampleId :

04BR-20220520DL

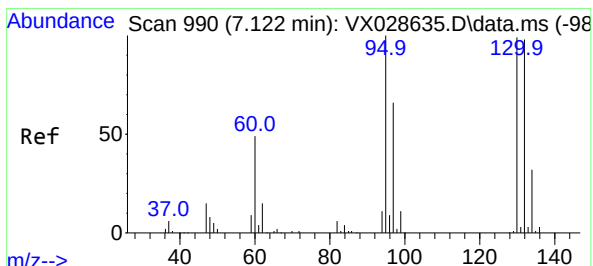
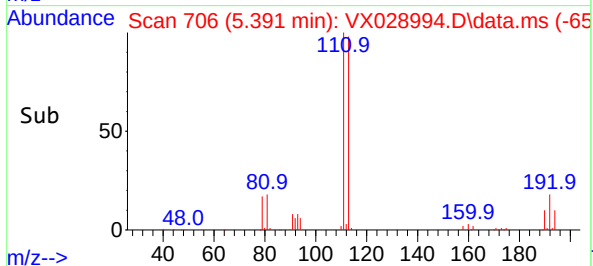
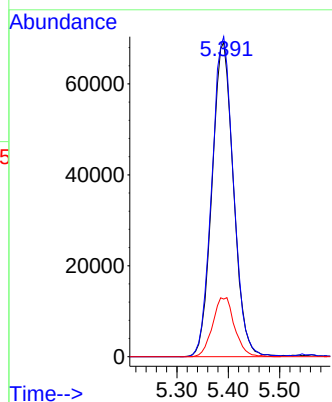
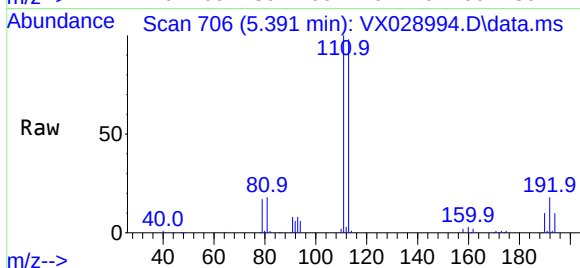
Tgt Ion:113 Resp: 200571

Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

192 19.2 16.9 25.3



#44

Trichloroethene

Concen: 46.635 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.007 min

Lab File: VX028994.D

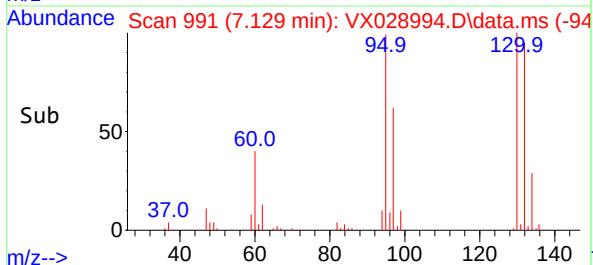
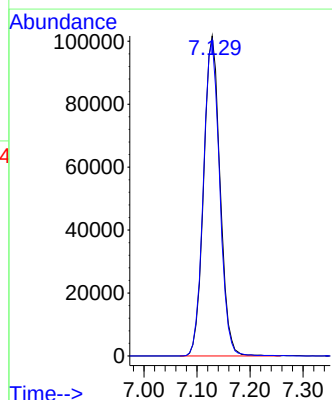
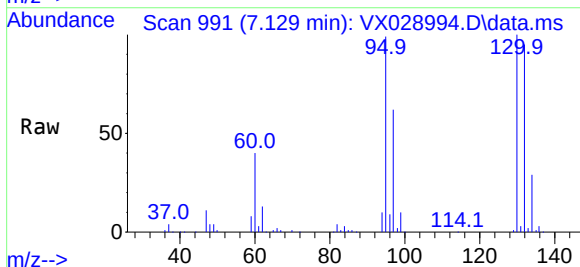
Acq: 26 May 2022 13:19

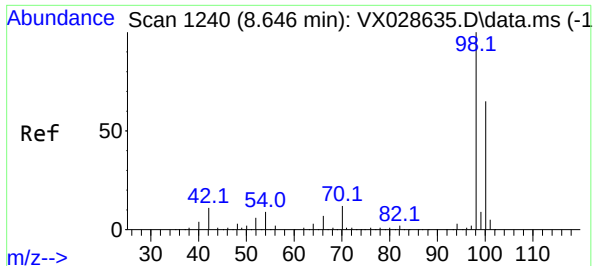
Tgt Ion:130 Resp: 218017

Ion Ratio Lower Upper

130 100

95 98.6 0.0 188.8

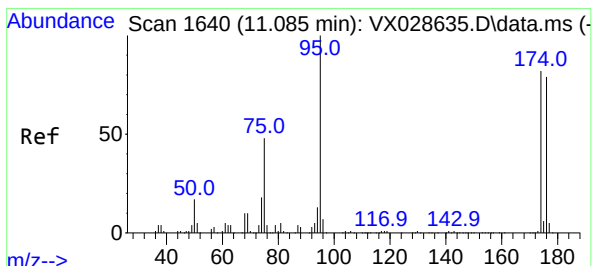
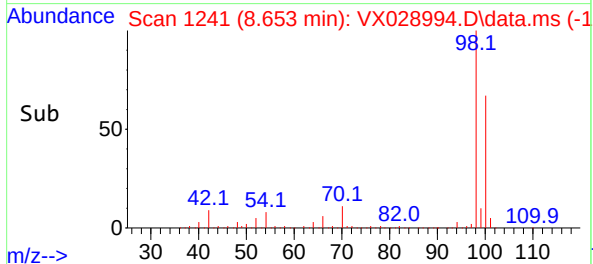
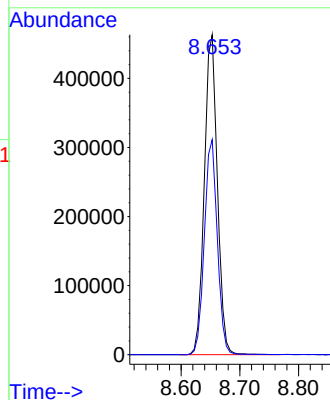
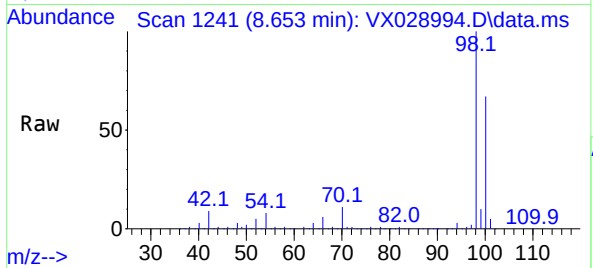




#50
Toluene-d8
Concen: 47.467 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028994.D
Acq: 26 May 2022 13:19

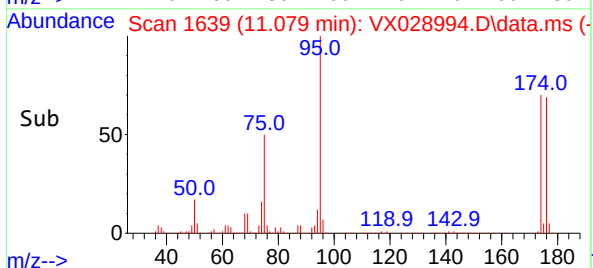
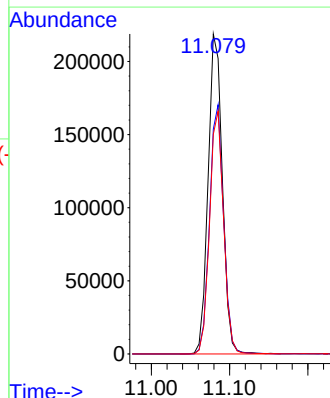
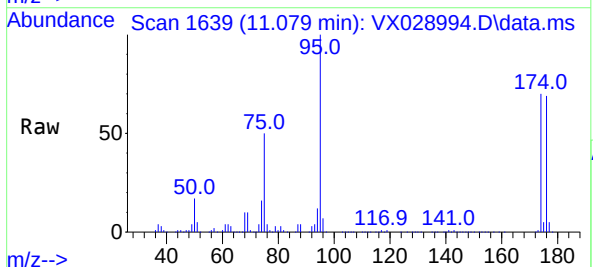
Instrument :
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04BR-20220520DL

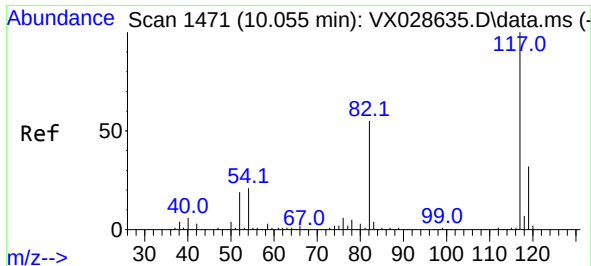
Tgt Ion: 98 Resp: 714633
Ion Ratio Lower Upper
98 100
100 67.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.062 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028994.D
Acq: 26 May 2022 13:19

Tgt Ion: 95 Resp: 275887
Ion Ratio Lower Upper
95 100
174 76.8 0.0 163.0
176 74.7 0.0 155.0

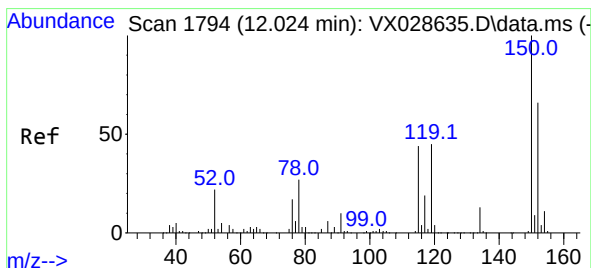
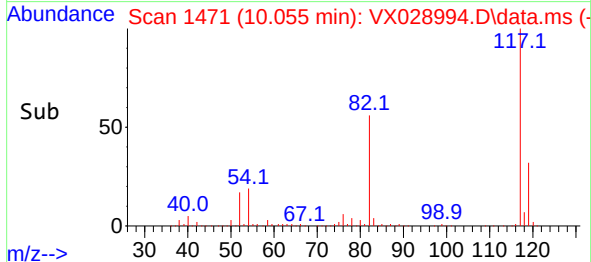
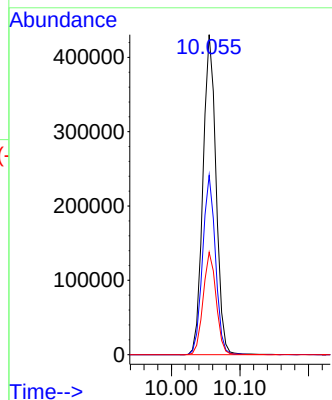
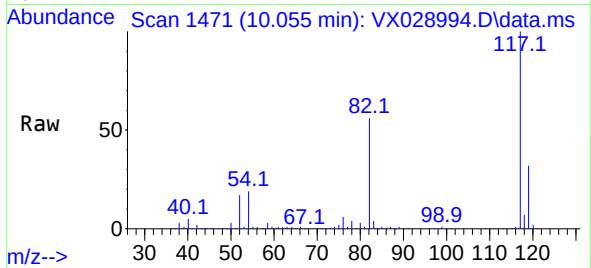




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028994.D
Acq: 26 May 2022 13:19

Instrument :
MSVOA_X
ClientSampleId :
04BR-20220520DL

Tgt Ion:117 Resp: 572705
Ion Ratio Lower Upper
117 100
82 56.0 41.8 62.8
119 32.0 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: VX028994.D
Acq: 26 May 2022 13:19

Tgt Ion:152 Resp: 261391
Ion Ratio Lower Upper
152 100
115 61.6 37.5 112.7
150 156.3 0.0 338.2

