

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
 Data File : VX022323.D
 Acq On : 02 Jun 2021 04:45
 Operator : JC/MD
 Sample : M2572-11 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20210528

Quant Time: Jun 02 05:35:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

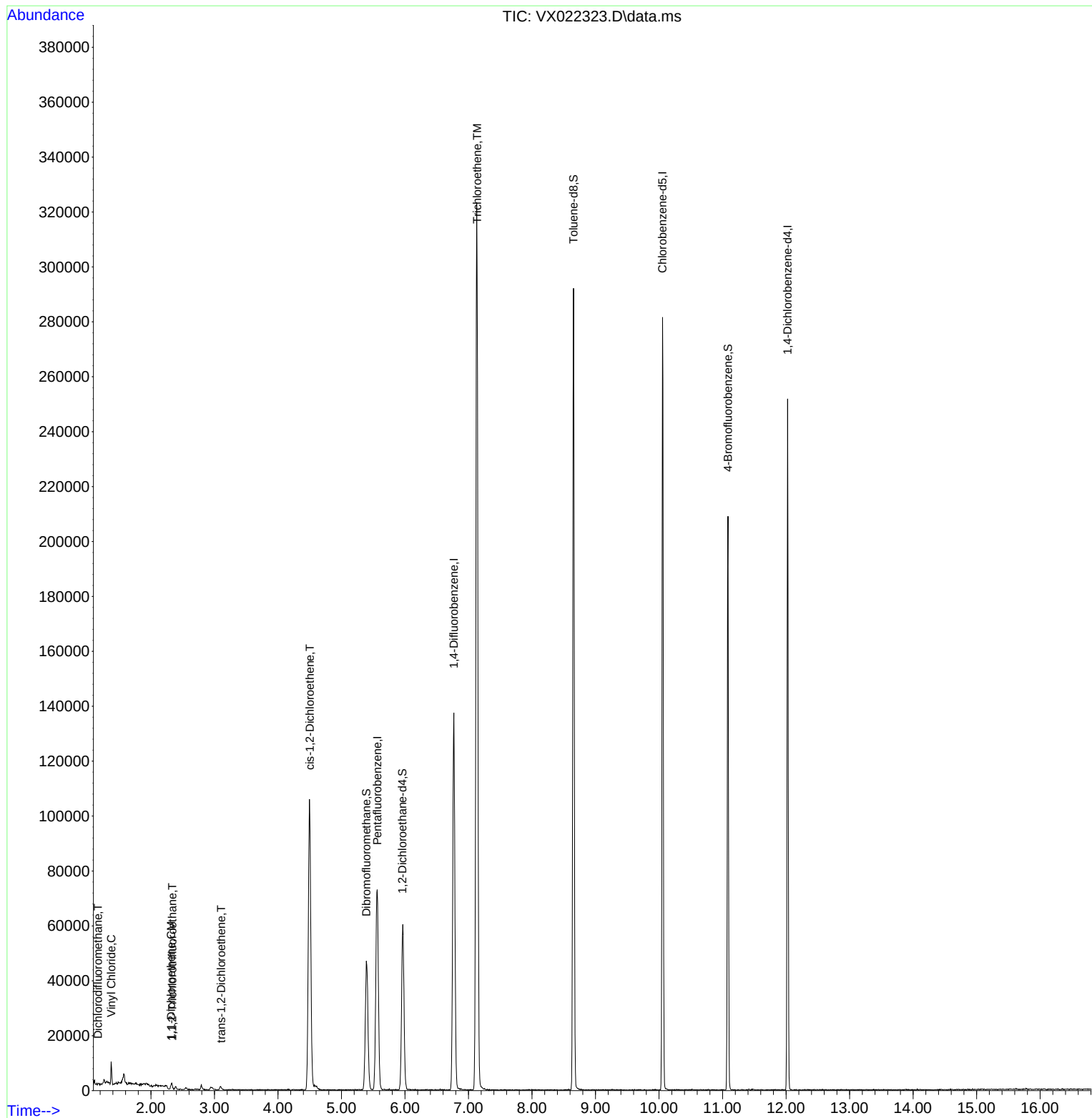
Internal Standards						
1) Pentafluorobenzene	5.562	168	63064	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	133994	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44905	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54256	55.77	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.54%
35) Dibromofluoromethane	5.391	113	40469	47.63	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.26%
50) Toluene-d8	8.653	98	168394	51.45	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.90%
62) 4-Bromofluorobenzene	11.085	95	57778	47.76	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.52%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	537	0.70	ug/l	95
4) Vinyl Chloride	1.374	62	4295	4.91	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	435	0.58	ug/l	# 74
12) 1,1-Dichloroethene	2.319	96	550	0.76	ug/l	93
21) trans-1,2-Dichloroethene	3.105	96	554	0.70	ug/l	# 62
27) cis-1,2-Dichloroethene	4.501	96	64744	67.72	ug/l	91
44) Trichloroethene	7.135	130	115988	122.43	ug/l	97

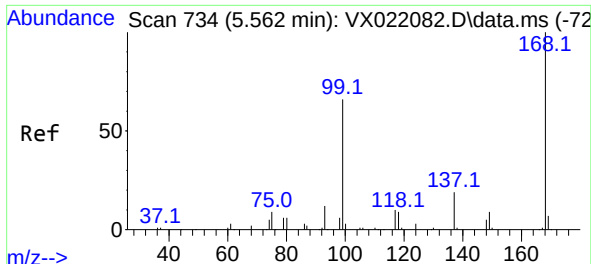
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
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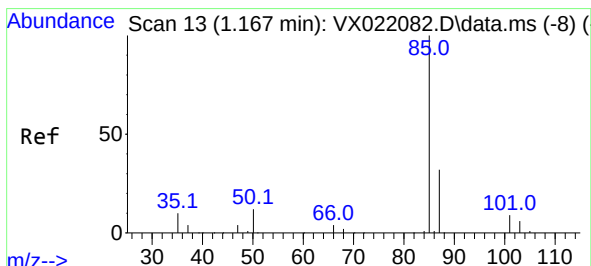
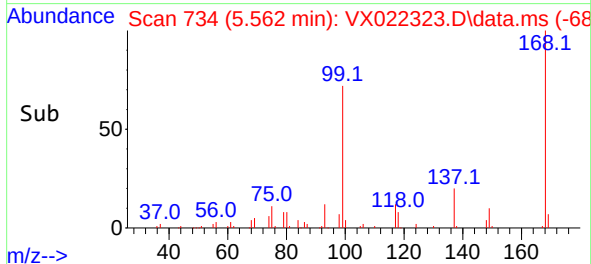
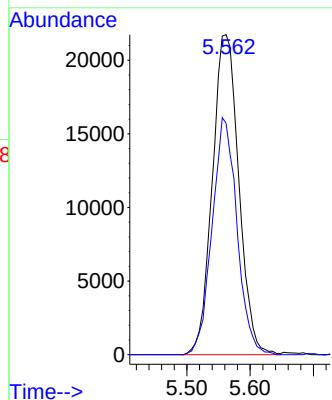
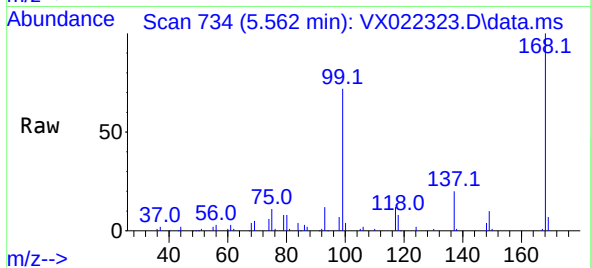




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022323.D
Acq: 02 Jun 2021 04:45

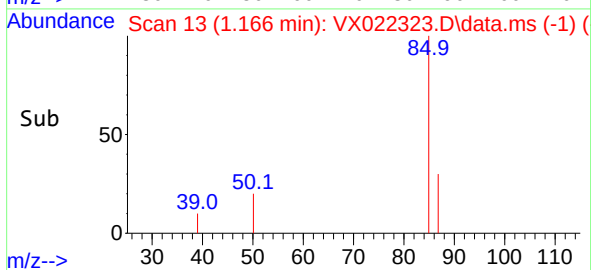
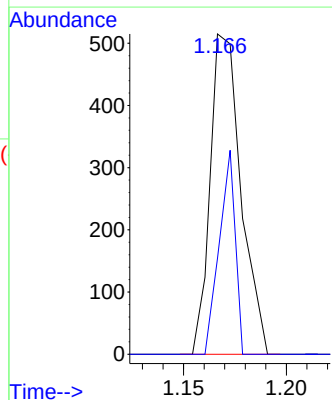
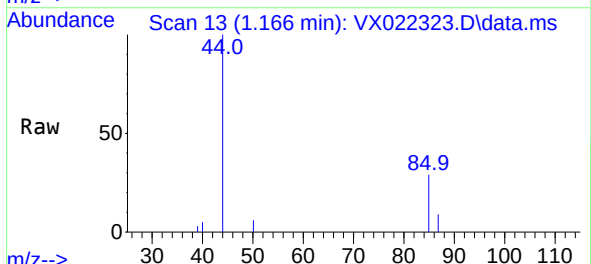
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210528

Tgt Ion:168 Resp: 63064
Ion Ratio Lower Upper
168 100
99 72.3 45.8 68.6#

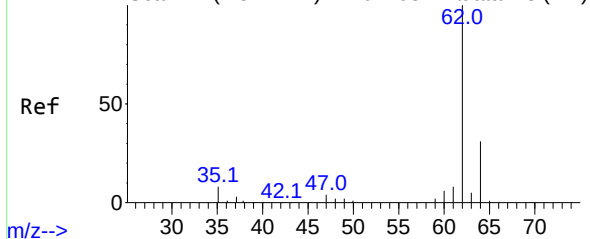


#2
Dichlorodifluoromethane
Concen: 0.70 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX022323.D
Acq: 02 Jun 2021 04:45

Tgt Ion: 85 Resp: 537
Ion Ratio Lower Upper
85 100
87 29.9 16.4 49.2



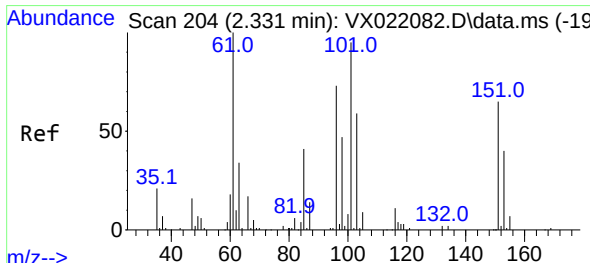
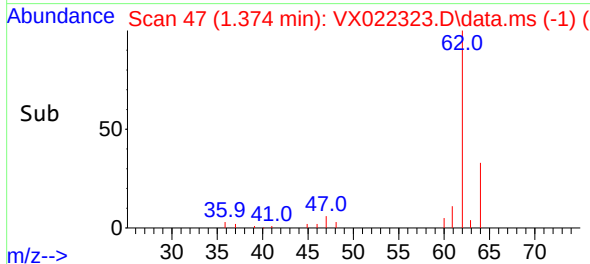
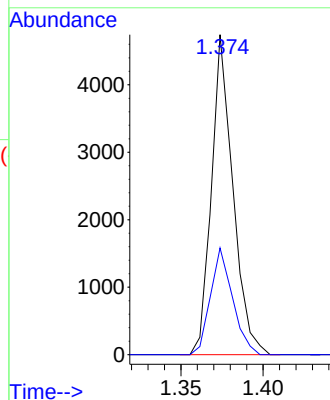
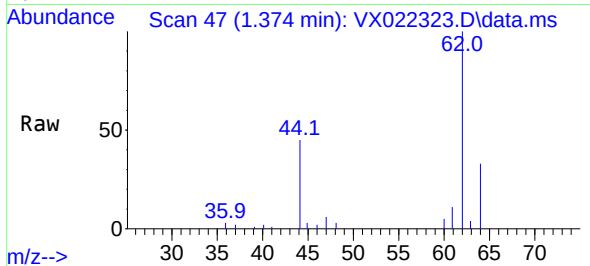
Abundance Scan 47 (1.374 min): VX022082.D\data.ms (-42)



#4
Vinyl Chloride
Concen: 4.91 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX022323.D
Acq: 02 Jun 2021 04:45

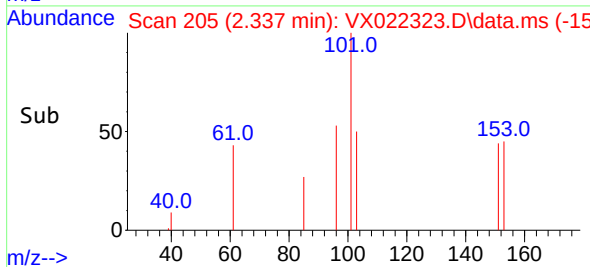
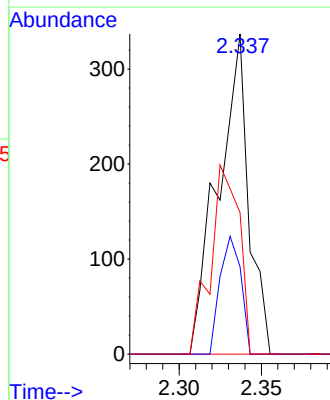
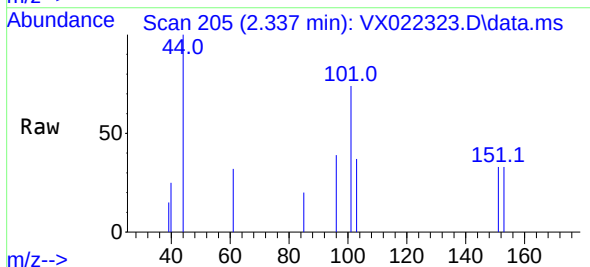
Tgt Ion: 62 Resp: 4295
Ion Ratio Lower Upper
62 100
64 33.4 25.7 38.5

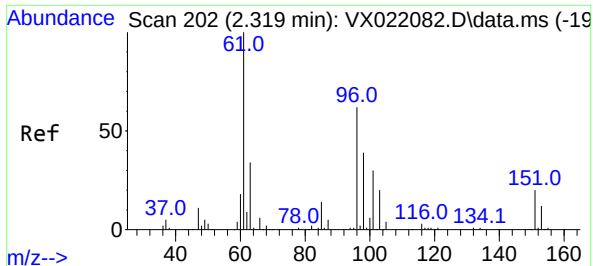
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210528



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.58 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX022323.D
Acq: 02 Jun 2021 04:45

Tgt Ion: 101 Resp: 435
Ion Ratio Lower Upper
101 100
85 25.1 34.9 52.3#
151 55.6 61.4 92.2#





#12

1,1-Dichloroethene

Concen: 0.76 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX022323.D

Acq: 02 Jun 2021 04:45

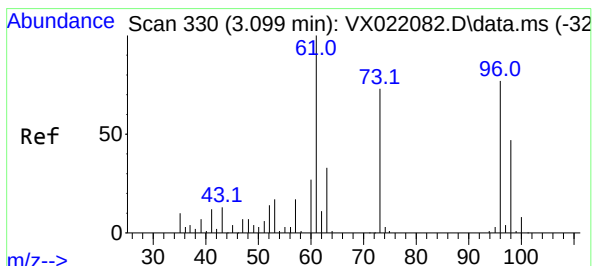
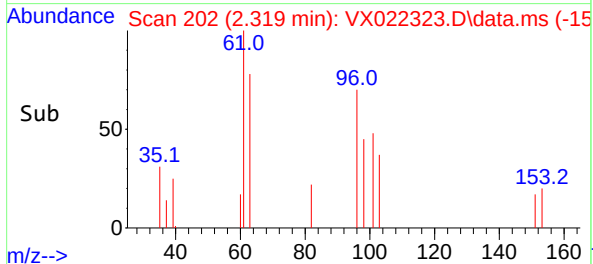
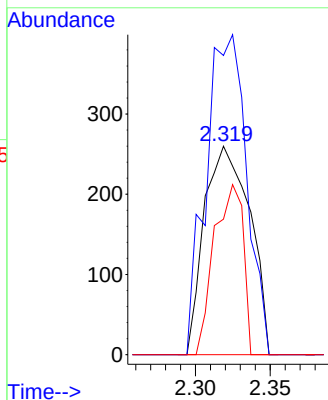
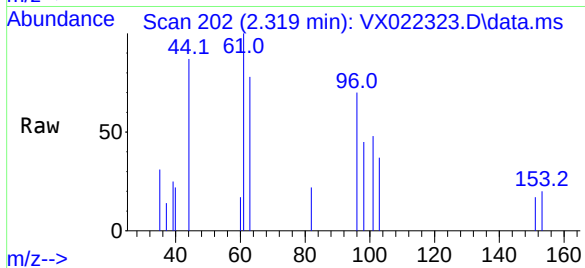
Tgt Ion: 96 Resp: 550

Ion Ratio Lower Upper

96 100

61 143.5 124.6 187.0

98 65.0 50.6 76.0



#21

trans-1,2-Dichloroethene

Concen: 0.70 ug/l

RT: 3.105 min Scan# 331

Delta R.T. 0.006 min

Lab File: VX022323.D

Acq: 02 Jun 2021 04:45

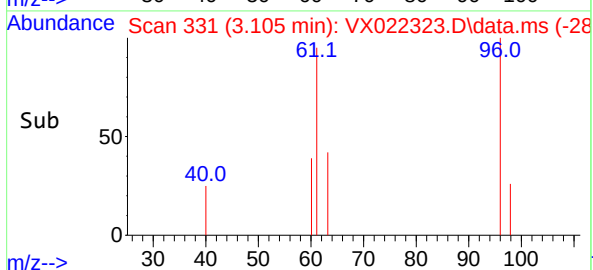
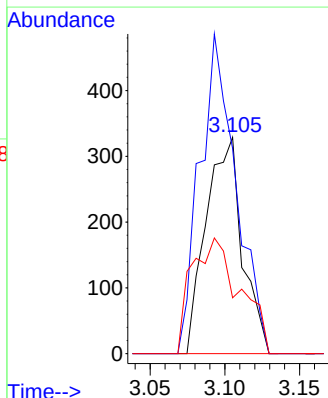
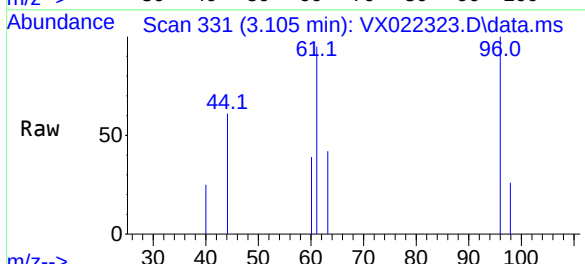
Tgt Ion: 96 Resp: 554

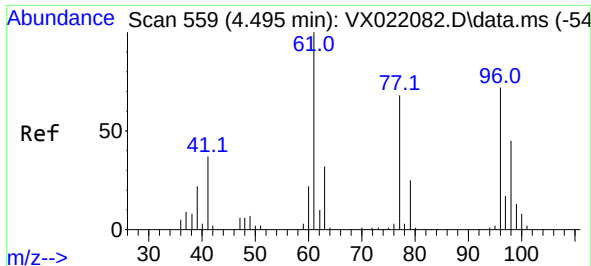
Ion Ratio Lower Upper

96 100

61 94.8 107.7 161.5#

98 25.8 50.4 75.6#





#27

cis-1,2-Dichloroethene

Concen: 67.72 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.006 min

Lab File: VX022323.D

Acq: 02 Jun 2021 04:45

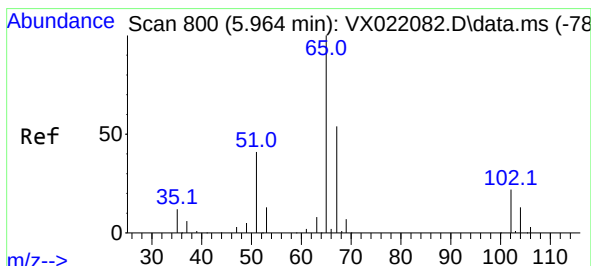
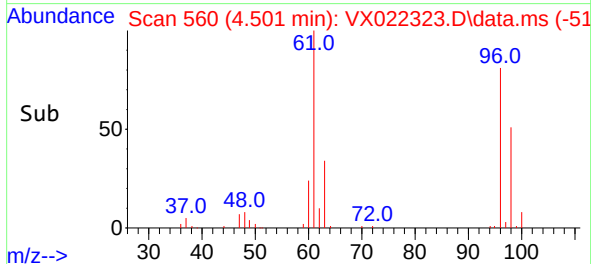
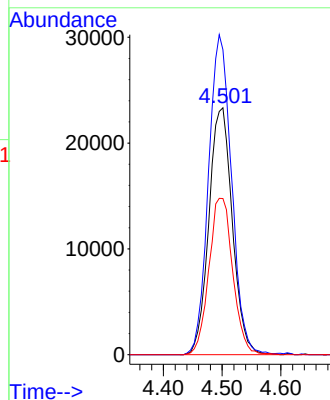
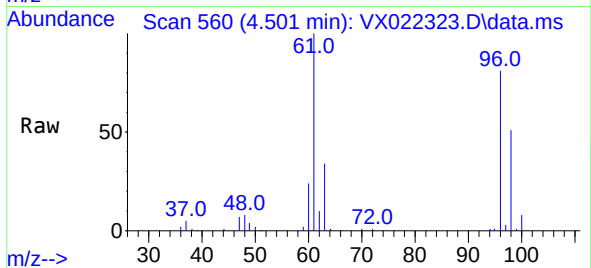
Tgt Ion: 96 Resp: 64744

Ion Ratio Lower Upper

96 100

61 127.2 0.0 285.6

98 64.4 0.0 129.6



#33

1,2-Dichloroethane-d4

Concen: 55.77 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX022323.D

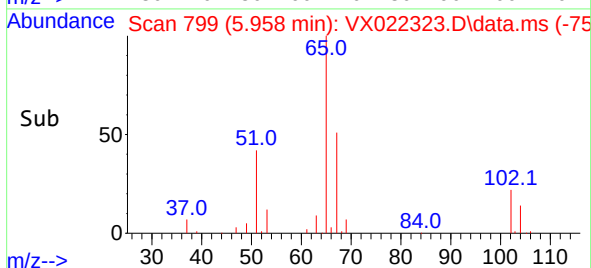
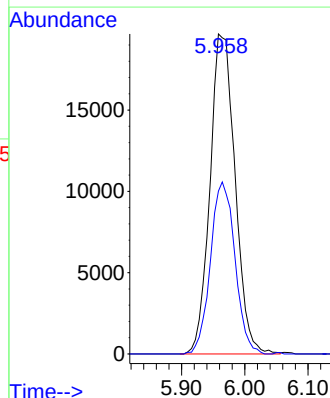
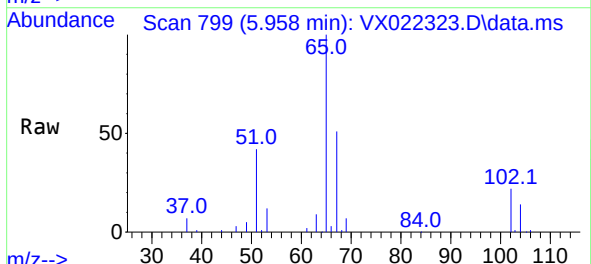
Acq: 02 Jun 2021 04:45

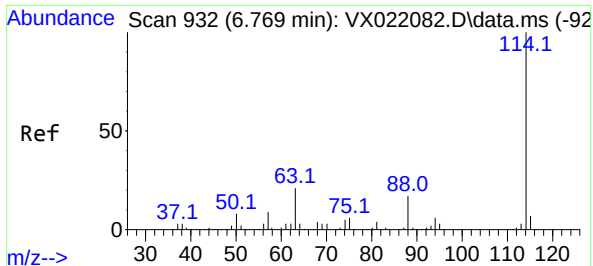
Tgt Ion: 65 Resp: 54256

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.4

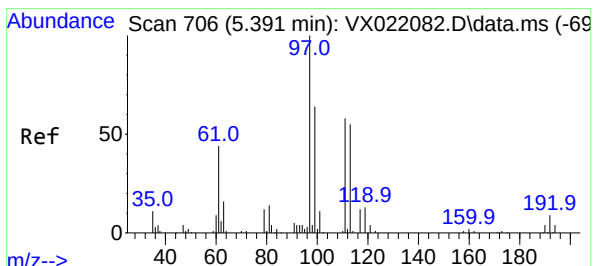
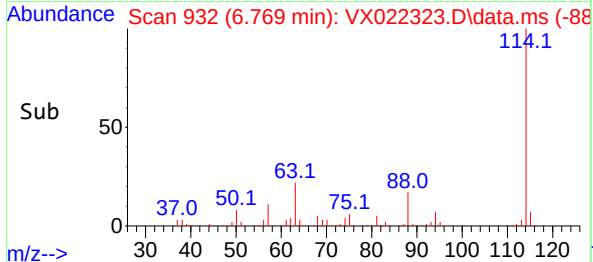
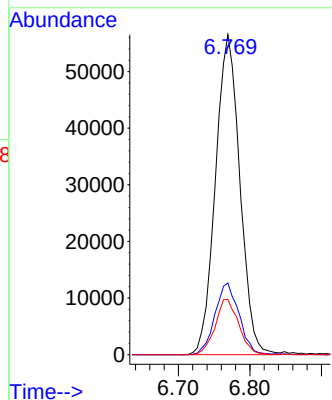
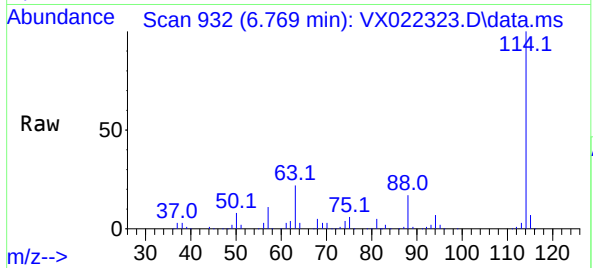




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022323.D
Acq: 02 Jun 2021 04:45

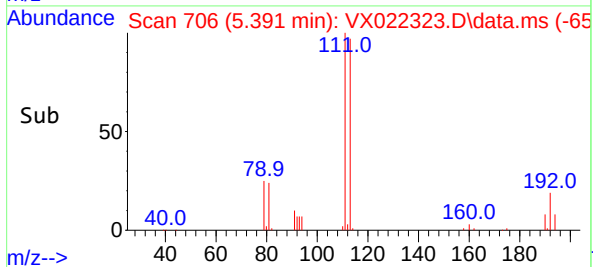
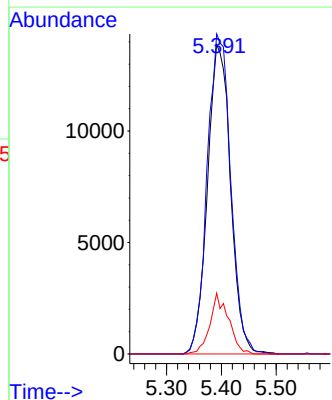
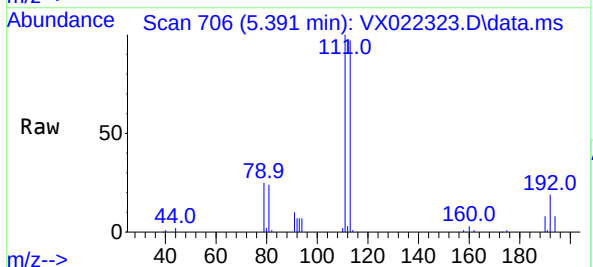
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MSVOA_X
ClientSampleId :
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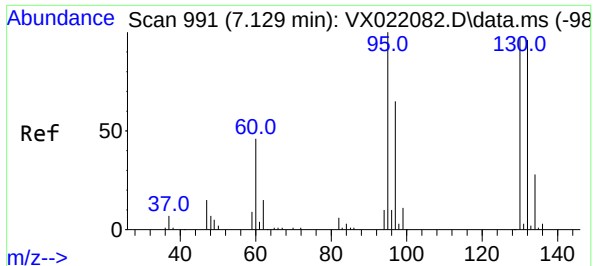
Tgt Ion:114 Resp: 133994
Ion Ratio Lower Upper
114 100
63 22.4 0.0 40.8
88 17.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.63 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022323.D
Acq: 02 Jun 2021 04:45

Tgt Ion:113 Resp: 40469
Ion Ratio Lower Upper
113 100
111 105.3 81.9 122.9
192 15.9 16.7 25.1#

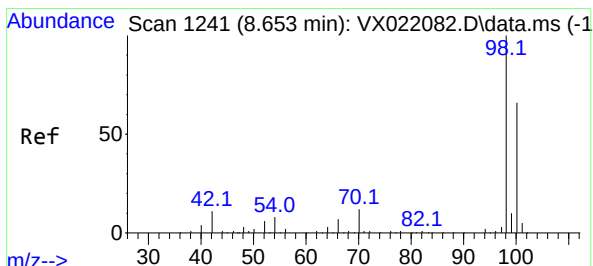
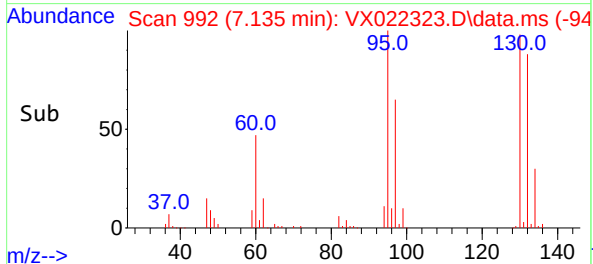
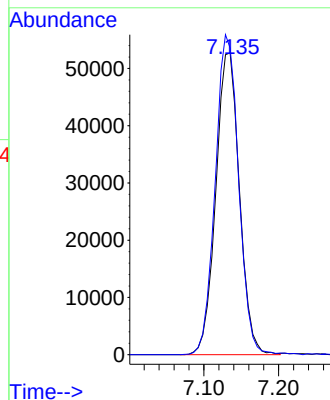
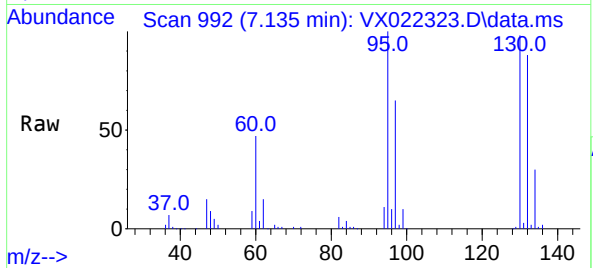




#44
Trichloroethene
Concen: 122.43 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022323.D
Acq: 02 Jun 2021 04:45

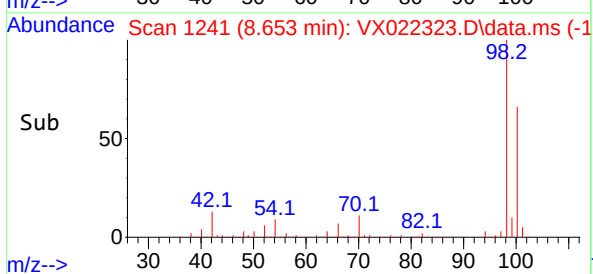
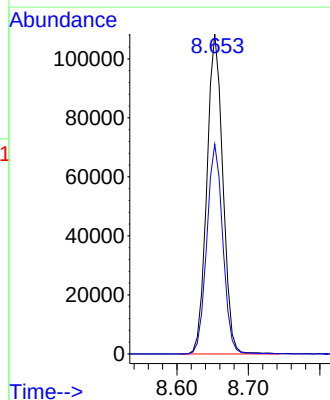
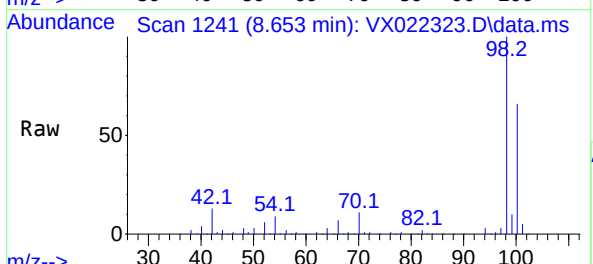
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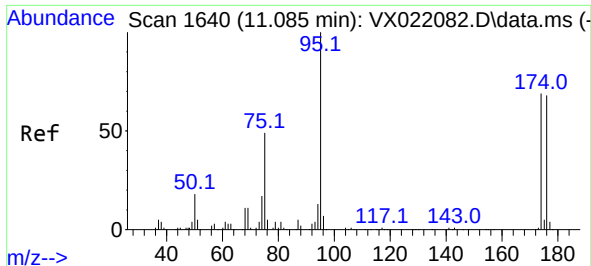
Tgt Ion:130 Resp: 115988
Ion Ratio Lower Upper
130 100
95 101.7 0.0 198.0



#50
Toluene-d8
Concen: 51.45 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022323.D
Acq: 02 Jun 2021 04:45

Tgt Ion: 98 Resp: 168394
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



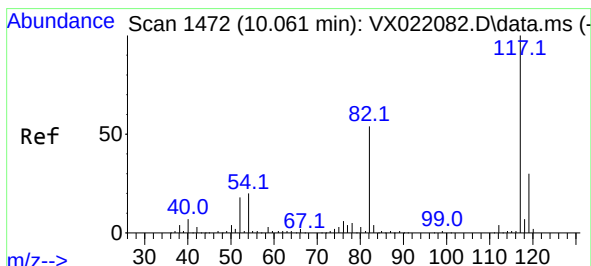
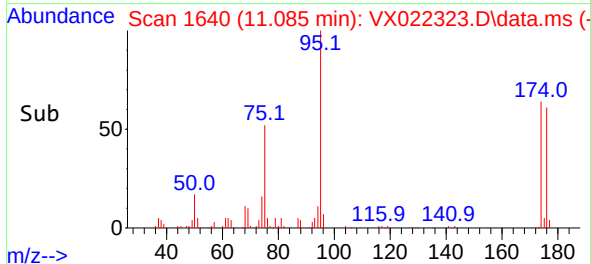
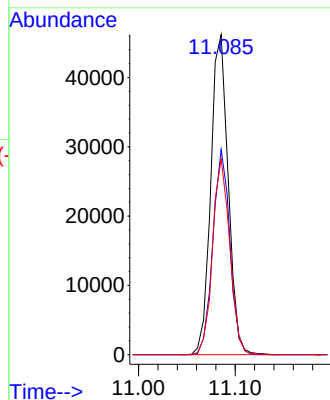
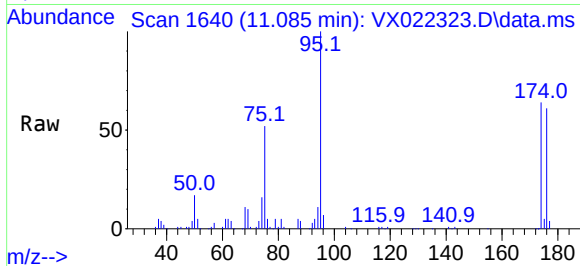


#62
4-Bromofluorobenzene
Concen: 47.76 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022323.D
Acq: 02 Jun 2021 04:45

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210528

Tgt Ion: 95 Resp: 57778

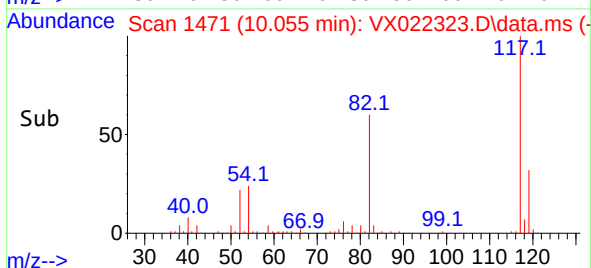
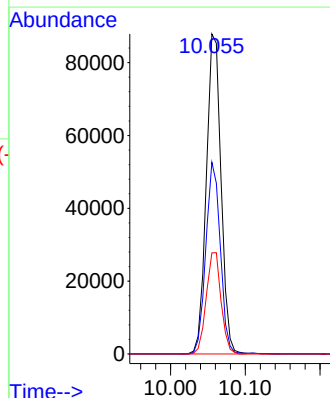
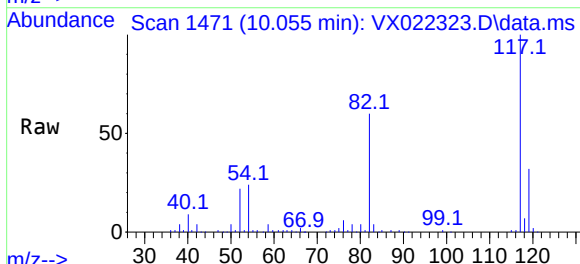
Ion	Ratio	Lower	Upper
95	100		
174	62.6	0.0	154.6
176	60.4	0.0	155.8

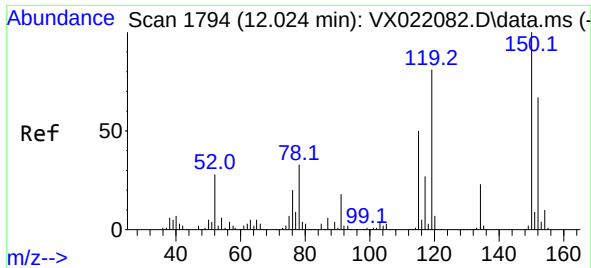


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022323.D
Acq: 02 Jun 2021 04:45

Tgt Ion: 117 Resp: 120112

Ion	Ratio	Lower	Upper
117	100		
82	59.9	47.4	71.2
119	31.6	26.6	39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022323.D
 Acq: 02 Jun 2021 04:45

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20210528

Tgt Ion:152 Resp: 44905
 Ion Ratio Lower Upper
 152 100
 115 66.1 41.1 123.3
 150 157.9 0.0 349.0

