

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083121\
 Data File : VX024038.D
 Acq On : 31 Aug 2021 12:51
 Operator : JC/MD
 Sample : M3584-10 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 INTERCEPTOR-SUMP-20210827

Quant Time: Sep 01 05:00:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

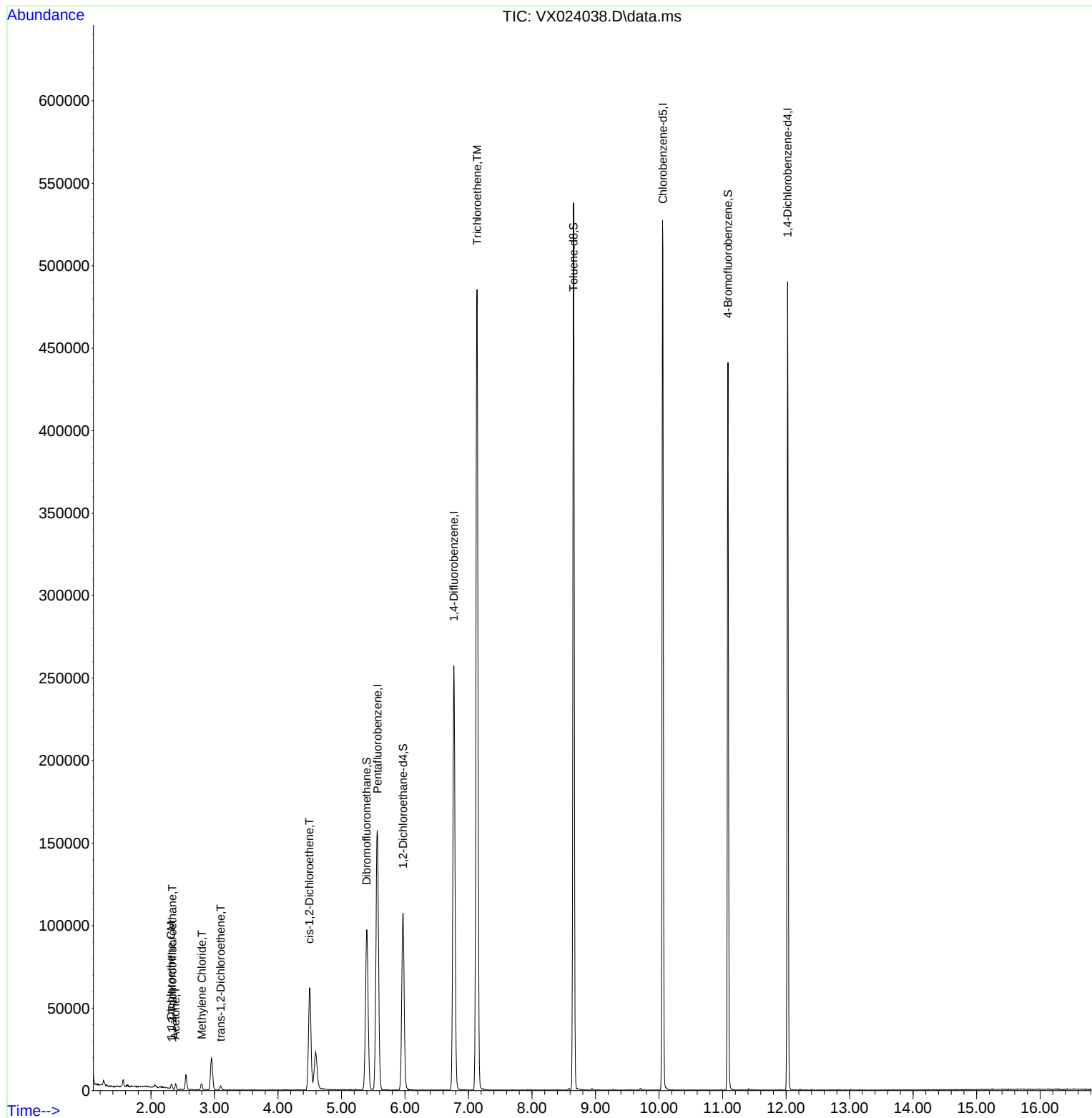
Internal Standards						
1) Pentafluorobenzene	5.568	168	146397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	250100	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	231691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	107988	52.851	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.700%		
35) Dibromofluoromethane	5.397	113	82742	49.985	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.960%		
50) Toluene-d8	8.653	98	304048	48.259	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 96.520%		
62) 4-Bromofluorobenzene	11.085	95	110257	47.538	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 95.080%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	348	0.237	ug/l	92
12) 1,1-Dichloroethene	2.319	96	808	0.575	ug/l #	79
16) Acetone	2.386	43	3361	3.679	ug/l	94
20) Methylene Chloride	2.800	84	1667	0.955	ug/l	95
21) trans-1,2-Dichloroethene	3.099	96	1046	0.697	ug/l	89
27) cis-1,2-Dichloroethene	4.495	96	38502	21.561	ug/l	95
44) Trichloroethene	7.135	130	186164	98.401	ug/l	98

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

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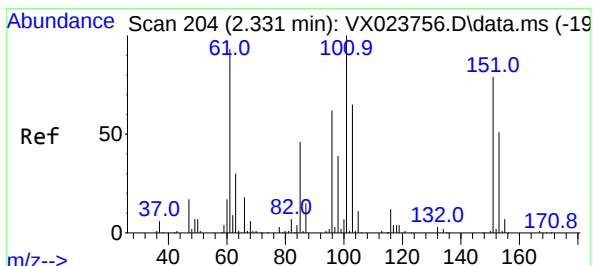
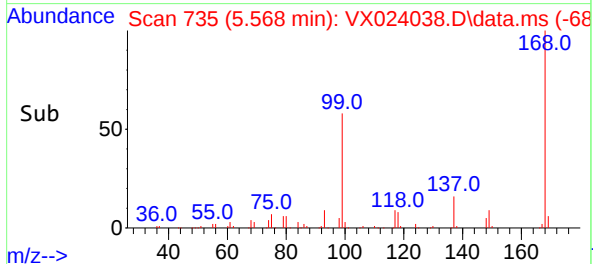
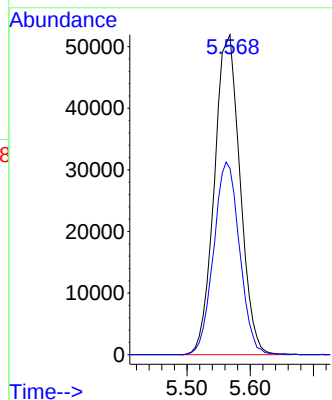
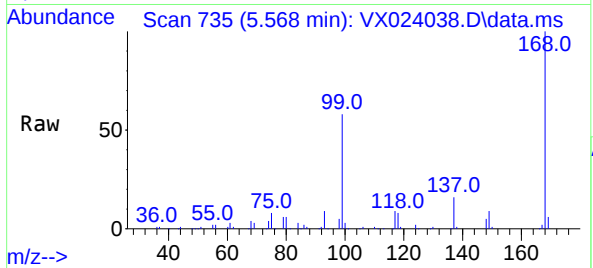




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51

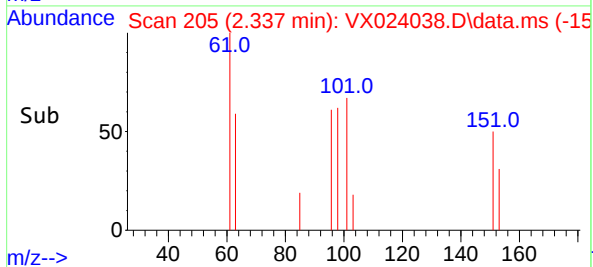
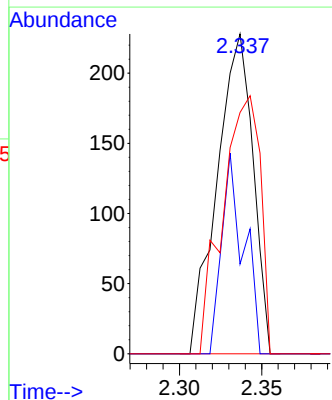
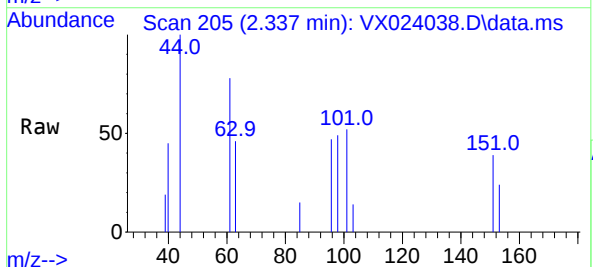
Instrument :
MSVOA_X
ClientSampleId :
INTERCEPTOR-SUMP-20210827

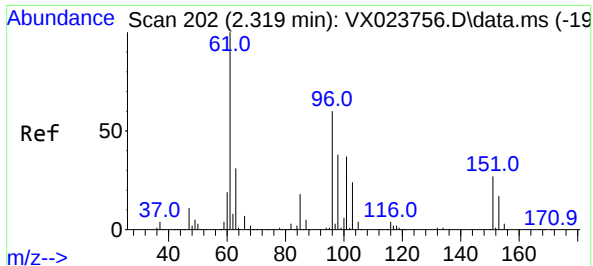
Tgt Ion:168 Resp: 146397
Ion Ratio Lower Upper
168 100
99 58.2 45.8 68.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.237 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51

Tgt Ion:101 Resp: 348
Ion Ratio Lower Upper
101 100
85 38.2 34.9 52.3
151 83.9 61.4 92.2

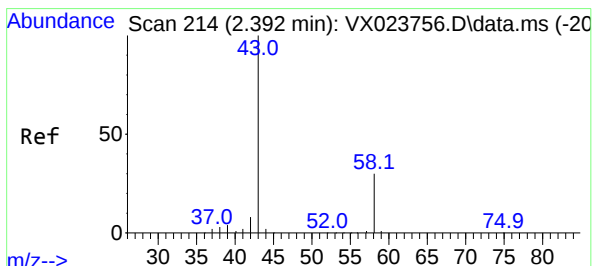
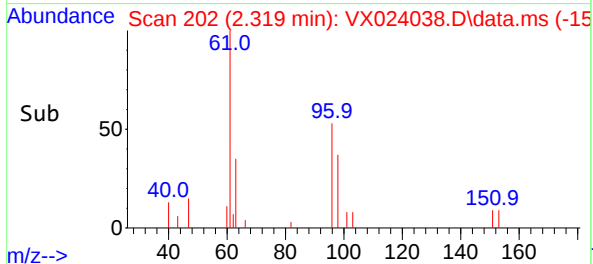
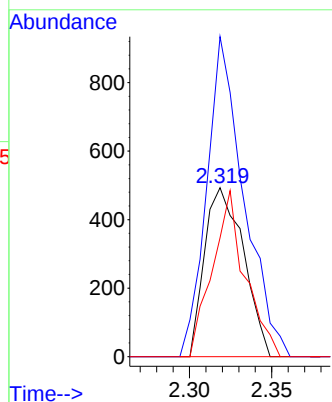
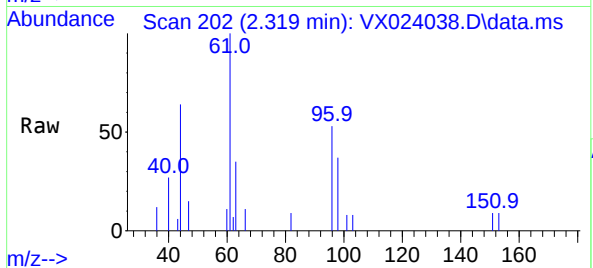




#12
1,1-Dichloroethene
Concen: 0.575 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51

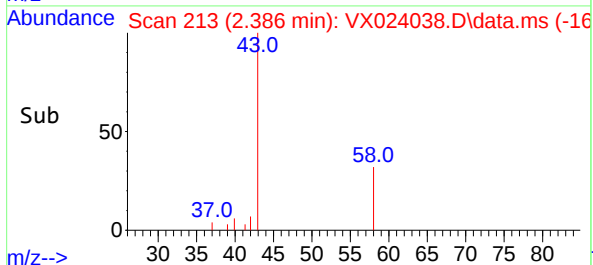
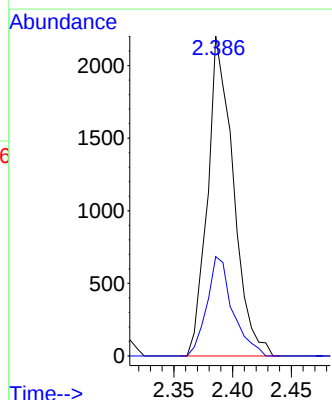
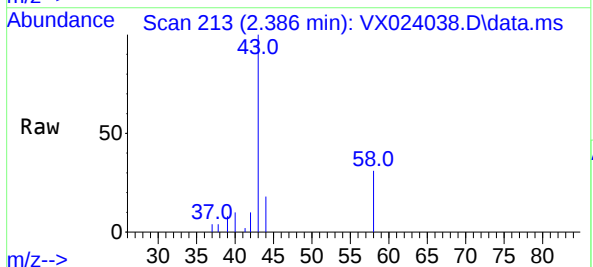
Instrument :
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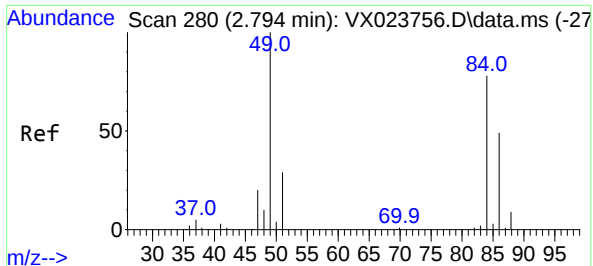
Tgt Ion: 96 Resp: 808
Ion Ratio Lower Upper
96 100
61 189.5 124.6 187.0#
98 70.4 50.6 76.0



#16
Acetone
Concen: 3.679 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51

Tgt Ion: 43 Resp: 3361
Ion Ratio Lower Upper
43 100
58 31.1 27.8 41.8





#20

Methylene Chloride

Concen: 0.955 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX024038.D

Acq: 31 Aug 2021 12:51

Tgt Ion: 84 Resp: 1667

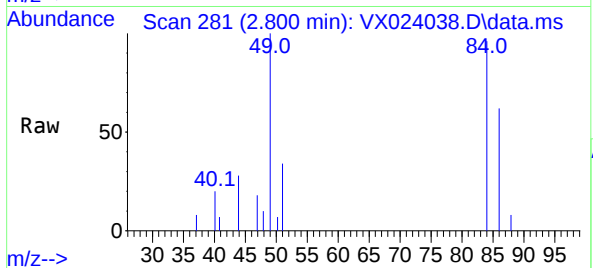
Ion Ratio Lower Upper

84 100

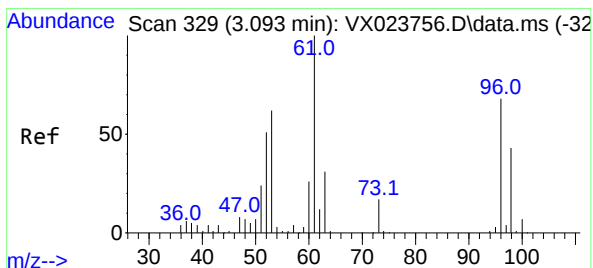
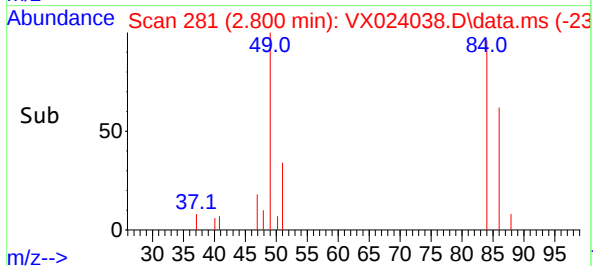
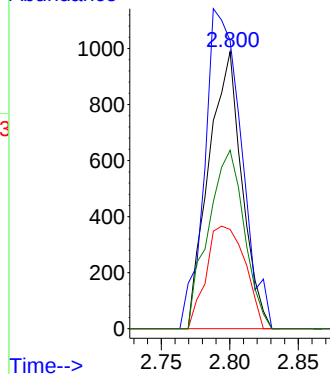
49 103.9 88.6 132.8

51 35.8 27.0 40.6

86 64.4 50.3 75.5



Abundance



#21

trans-1,2-Dichloroethene

Concen: 0.697 ug/l

RT: 3.099 min Scan# 330

Delta R.T. 0.006 min

Lab File: VX024038.D

Acq: 31 Aug 2021 12:51

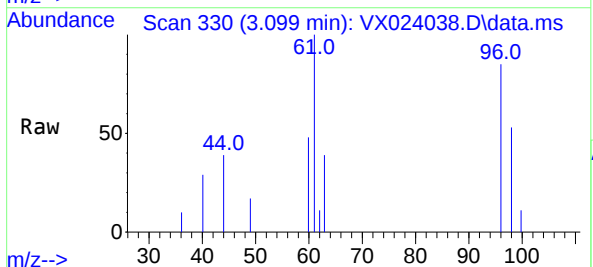
Tgt Ion: 96 Resp: 1046

Ion Ratio Lower Upper

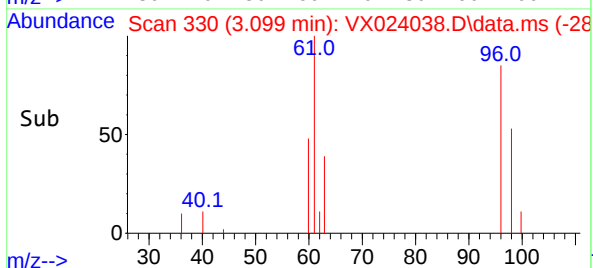
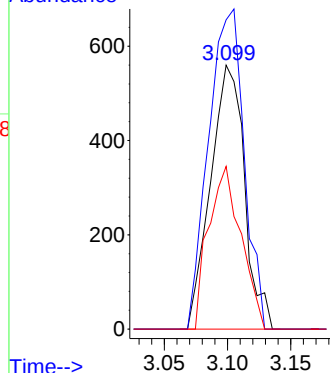
96 100

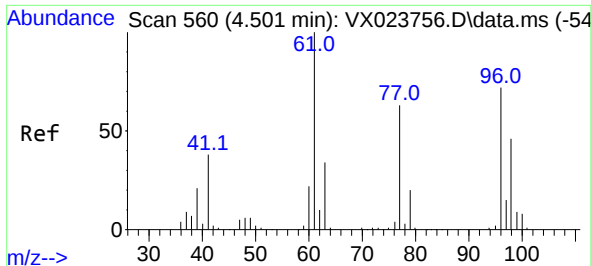
61 117.1 107.7 161.5

98 61.6 50.4 75.6



Abundance



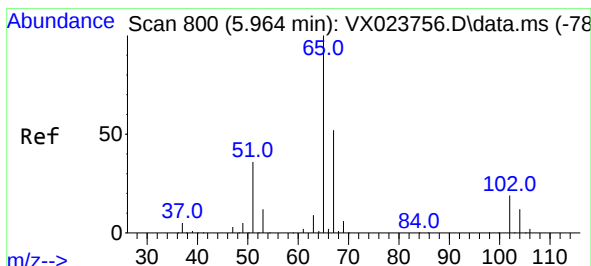
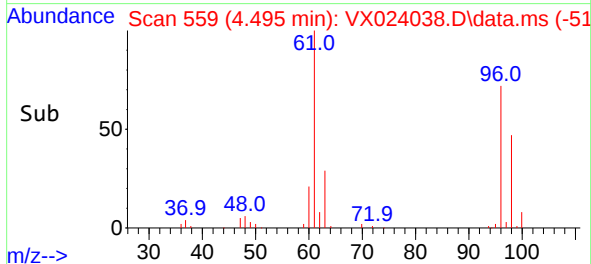
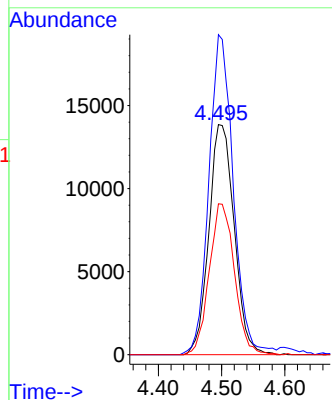
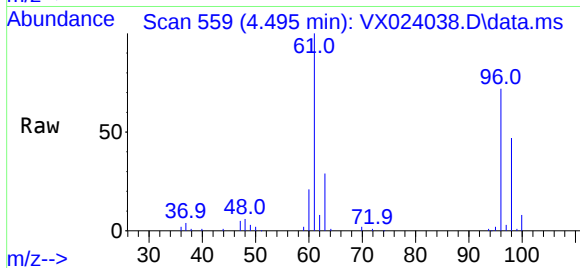


#27

cis-1,2-Dichloroethene
Concen: 21.561 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.006 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51

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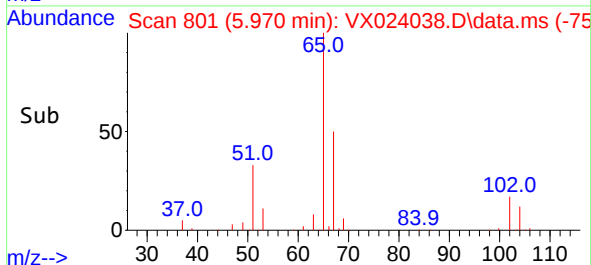
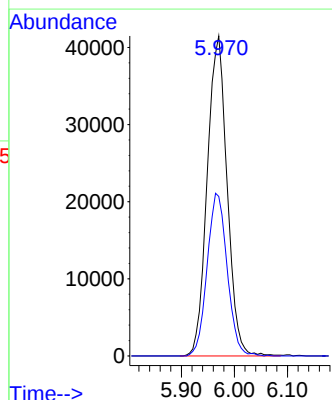
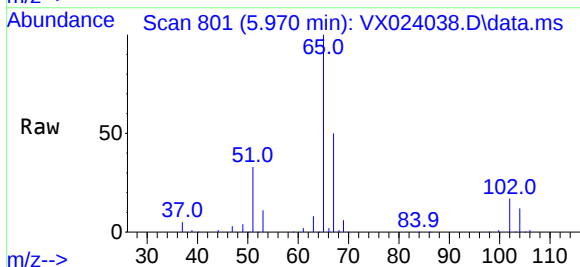
Tgt Ion:	96	Resp:	38502
Ion	Ratio	Lower	Upper
96	100		
61	133.9	0.0	285.6
98	65.3	0.0	129.6

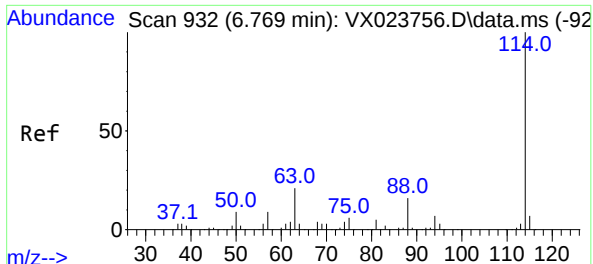


#33

1,2-Dichloroethane-d4
Concen: 52.851 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51

Tgt Ion:	65	Resp:	107988
Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	105.4



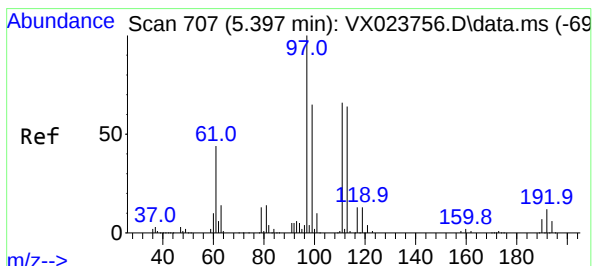
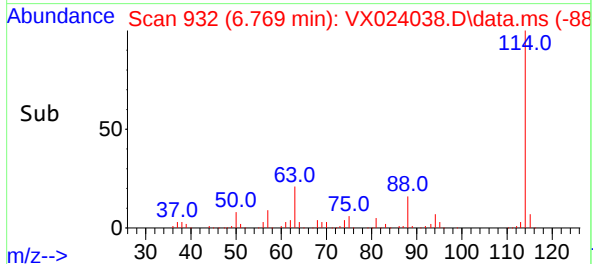
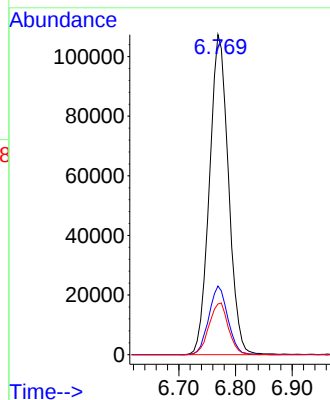
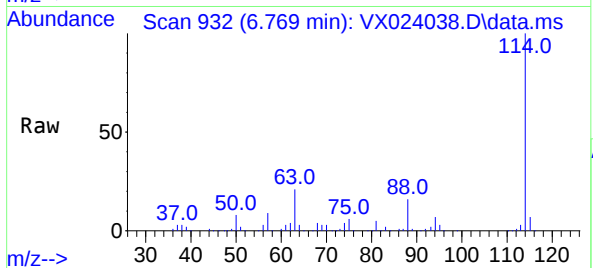


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51

Instrument :
MSVOA_X
ClientSampleId :
INTERCEPTOR-SUMP-20210827

Tgt Ion:114 Resp: 250100

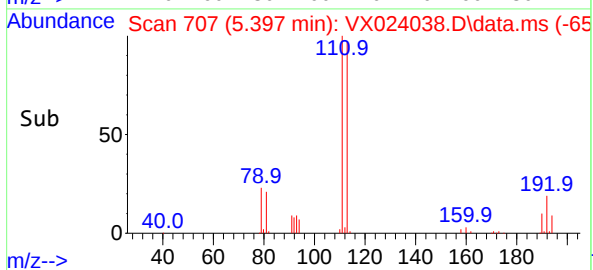
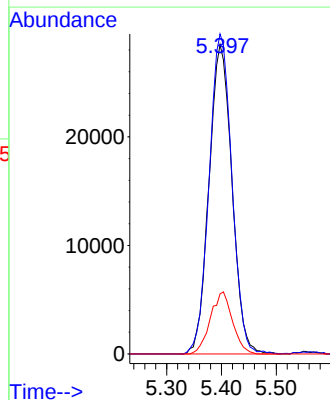
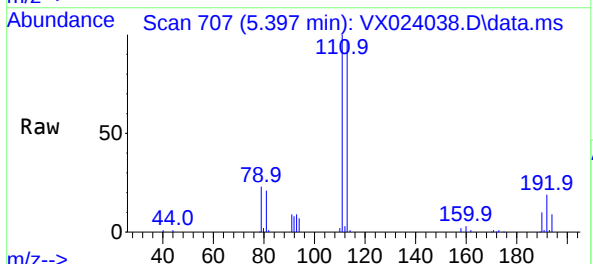
Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	40.8
88	15.9	0.0	32.8

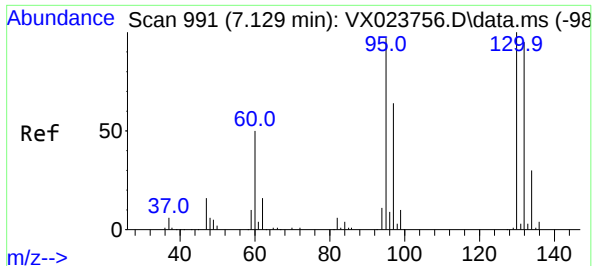


#35
Dibromofluoromethane
Concen: 49.985 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51

Tgt Ion:113 Resp: 82742

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.9	122.9
192	19.3	16.7	25.1

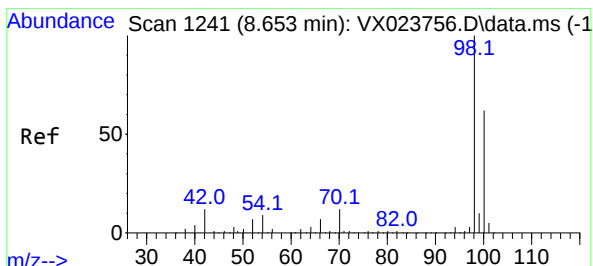
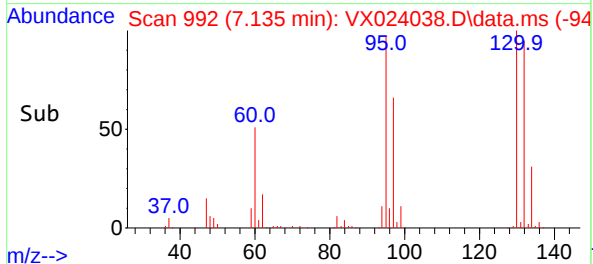
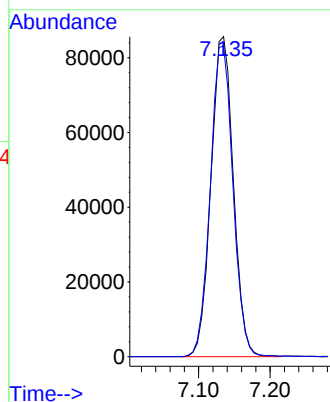
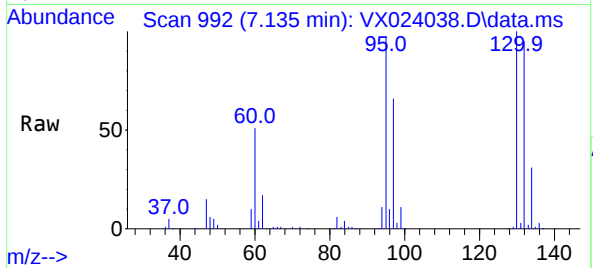




#44
Trichloroethene
Concen: 98.401 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51

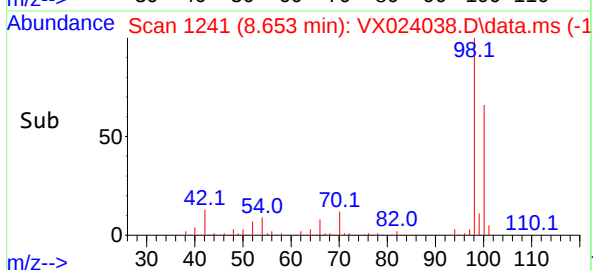
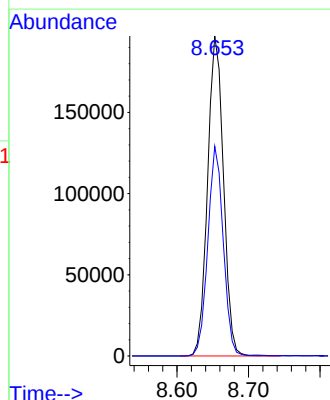
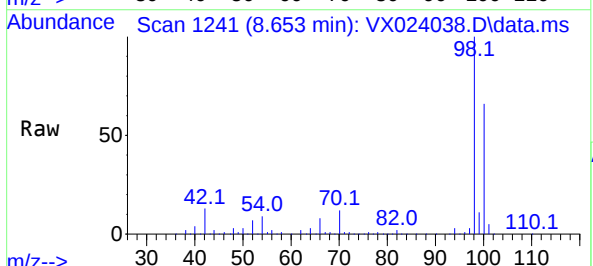
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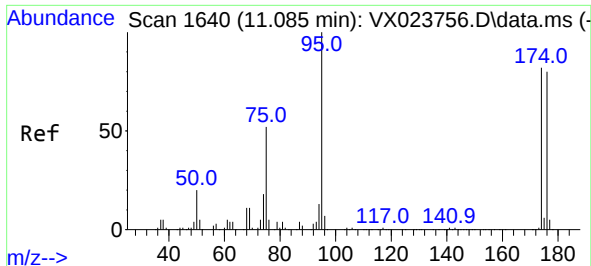
Tgt Ion:130 Resp: 186164
Ion Ratio Lower Upper
130 100
95 97.1 0.0 198.0



#50
Toluene-d8
Concen: 48.259 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51

Tgt Ion: 98 Resp: 304048
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9

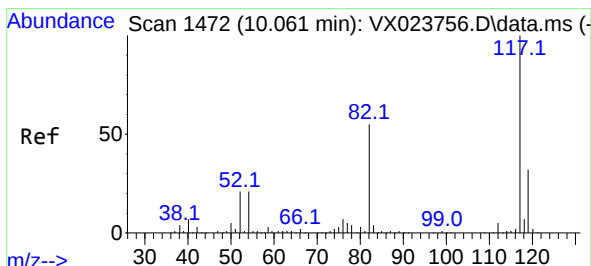
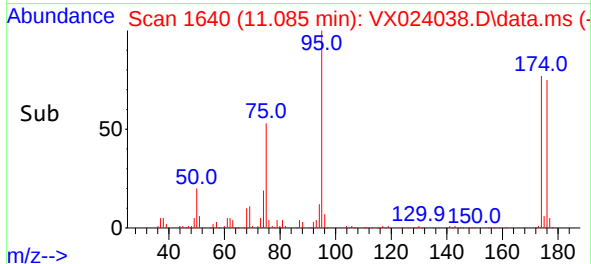
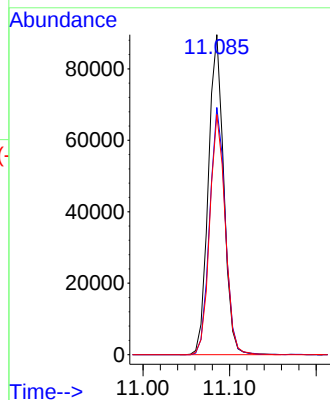
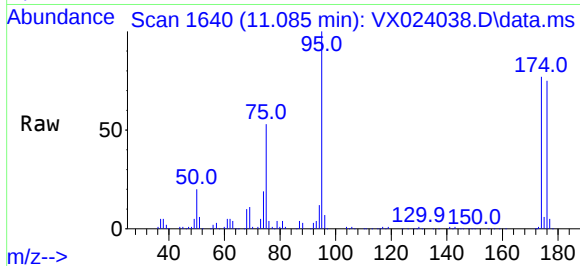




#62
4-Bromofluorobenzene
Concen: 47.538 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51

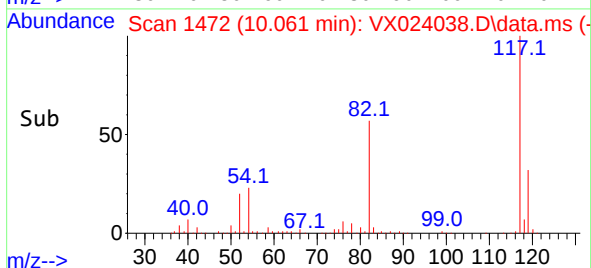
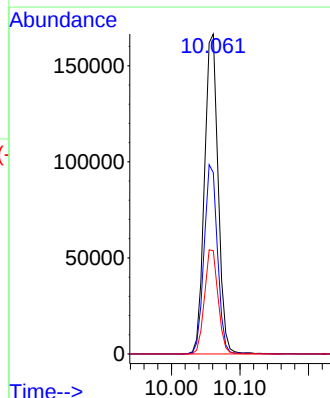
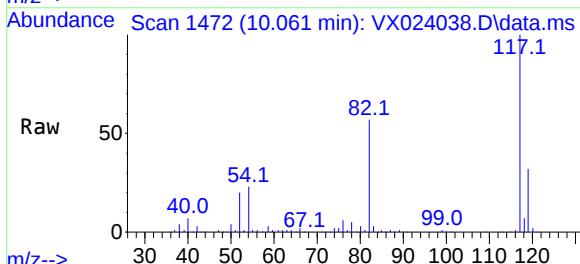
Instrument :
MSVOA_X
ClientSampleId :
INTERCEPTOR-SUMP-20210827

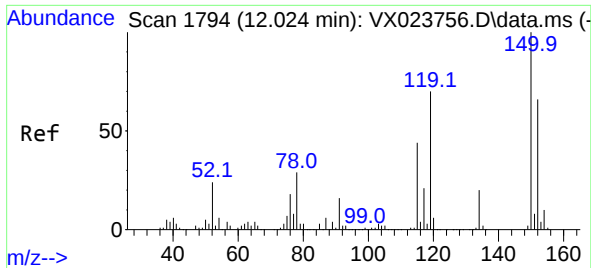
Tgt Ion: 95 Resp: 110257
Ion Ratio Lower Upper
95 100
174 78.2 0.0 154.6
176 75.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51

Tgt Ion: 117 Resp: 231691
Ion Ratio Lower Upper
117 100
82 56.6 47.4 71.2
119 32.3 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024038.D
 Acq: 31 Aug 2021 12:51

Instrument :
 MSVOA_X
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Tgt Ion:152 Resp: 96195
 Ion Ratio Lower Upper
 152 100
 115 60.3 41.1 123.3
 150 157.3 0.0 349.0

