

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080421\
 Data File : VX023538.D
 Acq On : 04 Aug 2021 13:03
 Operator : JC/MD
 Sample : M3283-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-032-IDWGW-20210803

Quant Time: Aug 05 05:18:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Aug 03 12:05:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	41429	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	231701	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	203828	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	97059	30.294	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.967%
60) 4-Bromofluorobenzene	11.085	95	86384	25.875	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	86.233%
63) Toluene-d8	8.653	98	276043	30.092	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.300%

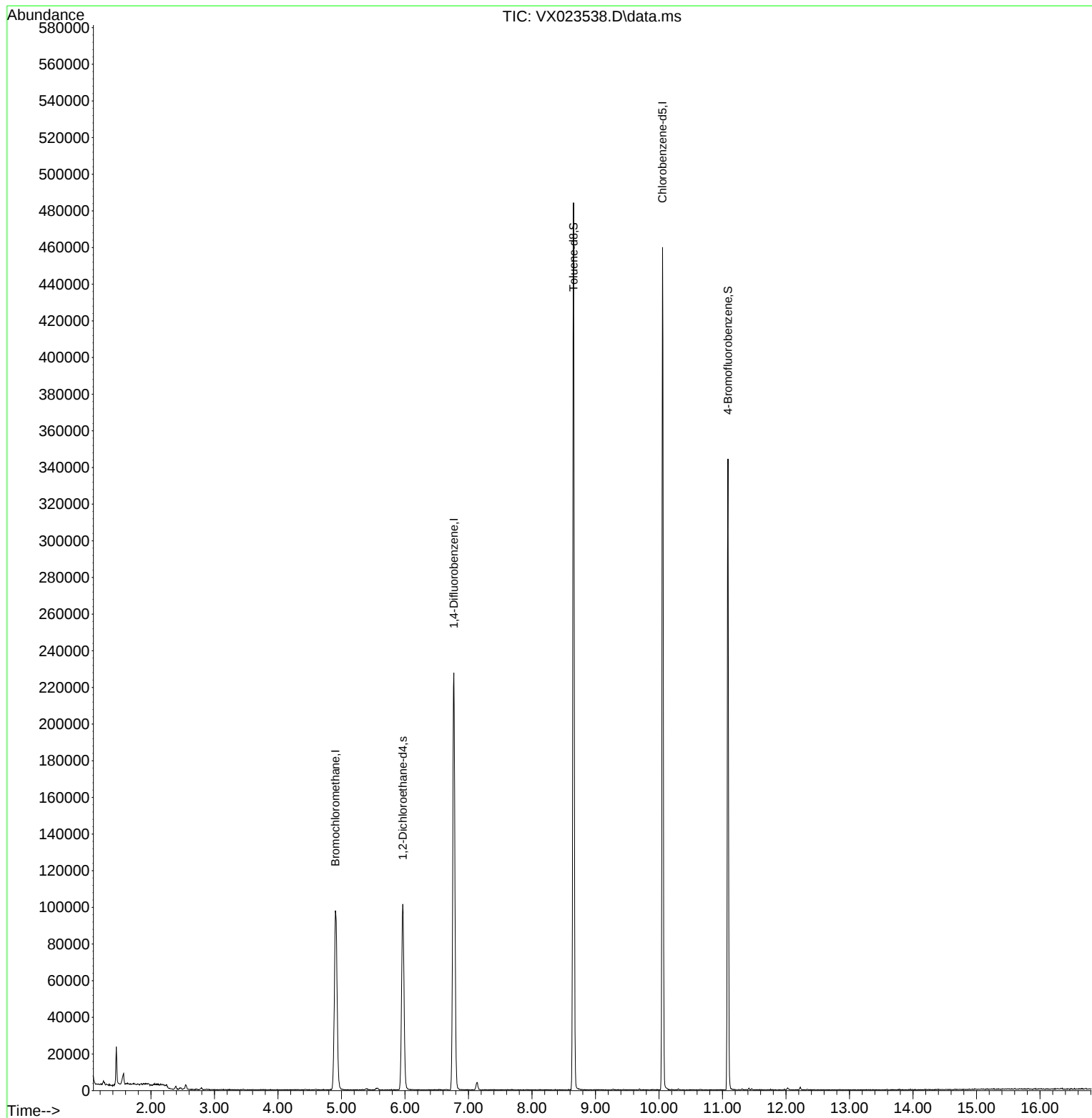
Target Compounds	Qvalue

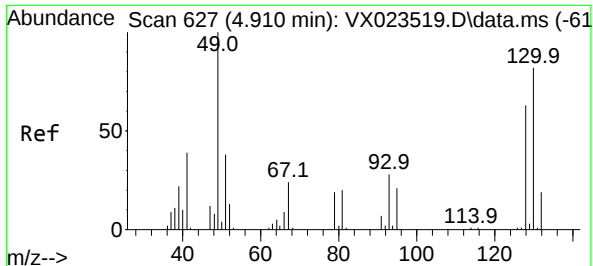
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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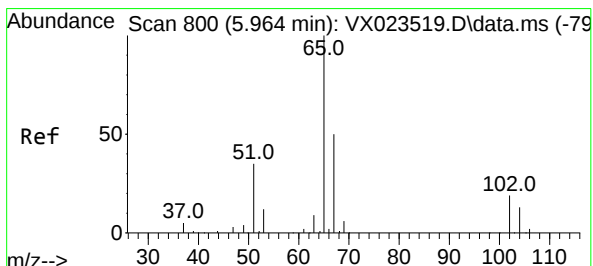
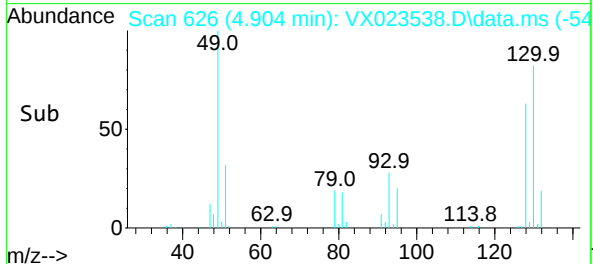
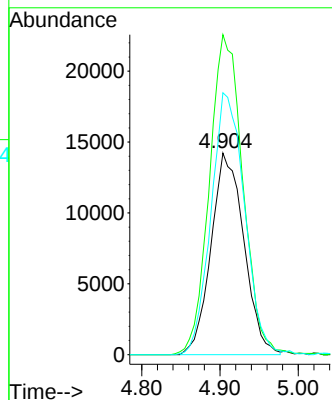
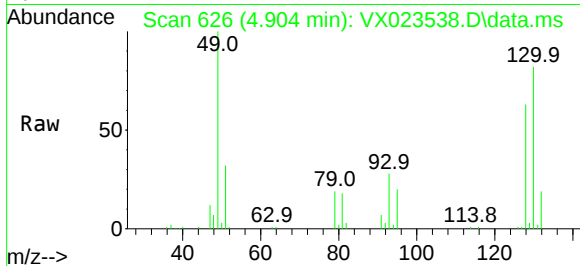




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX023538.D
Acq: 04 Aug 2021 13:03

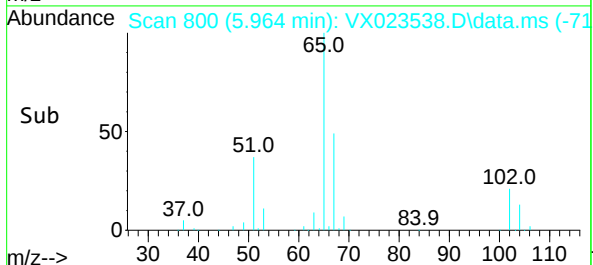
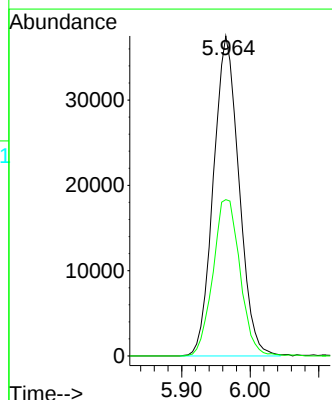
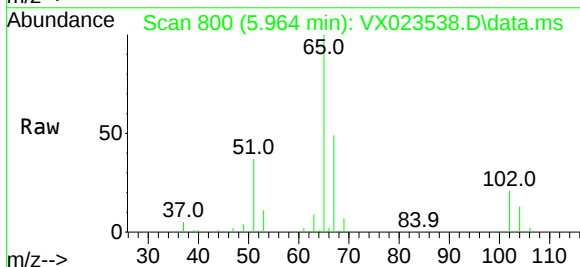
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MSVOA_X
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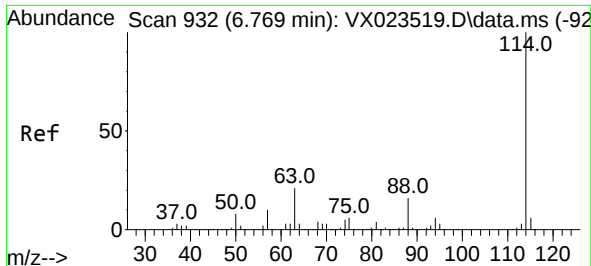
Tgt Ion:128 Resp: 41429
Ion Ratio Lower Upper
128 100
49 160.8 0.0 402.5
130 132.6 0.0 326.5



#27
1,2-Dichloroethane-d4
Concen: 30.294 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023538.D
Acq: 04 Aug 2021 13:03

Tgt Ion: 65 Resp: 97059
Ion Ratio Lower Upper
65 100
67 51.8 42.4 63.6

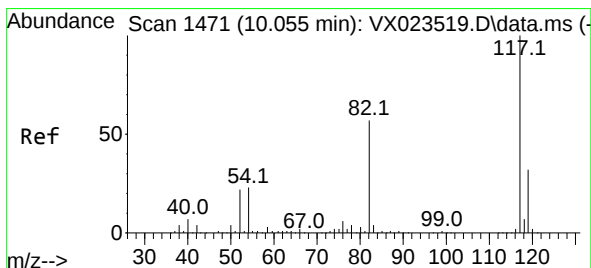
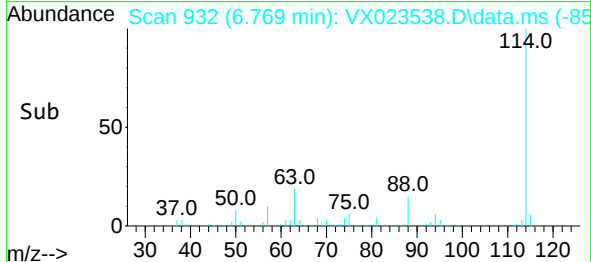
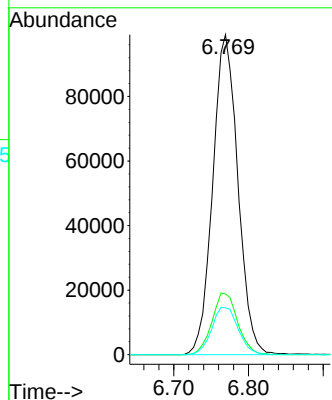
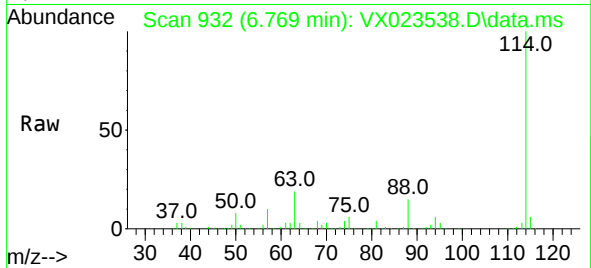




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023538.D
Acq: 04 Aug 2021 13:03

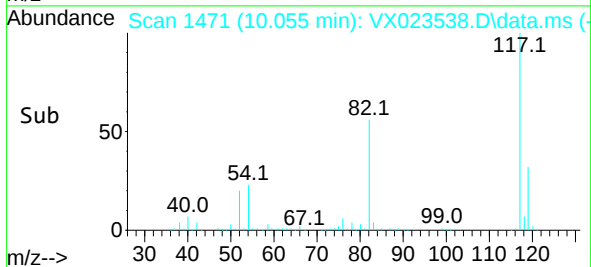
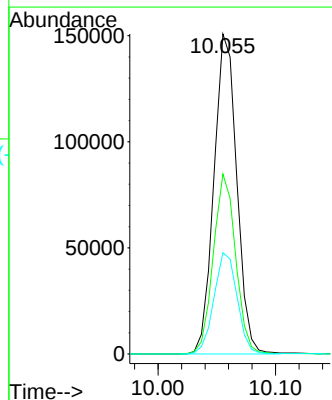
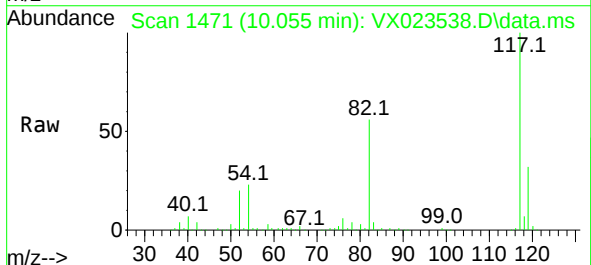
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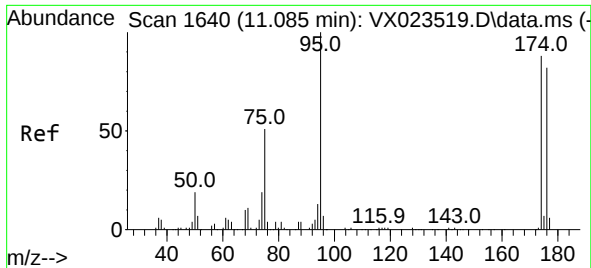
Tgt Ion:114 Resp: 231701
Ion Ratio Lower Upper
114 100
63 19.7 16.4 24.6
88 15.6 12.7 19.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023538.D
Acq: 04 Aug 2021 13:03

Tgt Ion:117 Resp: 203828
Ion Ratio Lower Upper
117 100
82 55.1 45.0 67.4
119 32.2 26.2 39.2

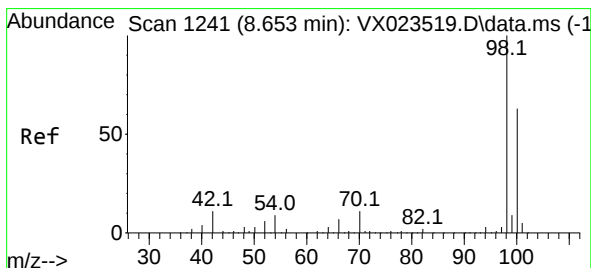
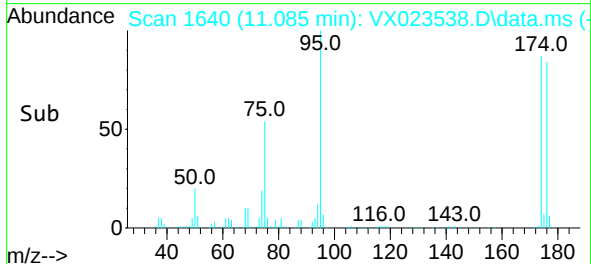
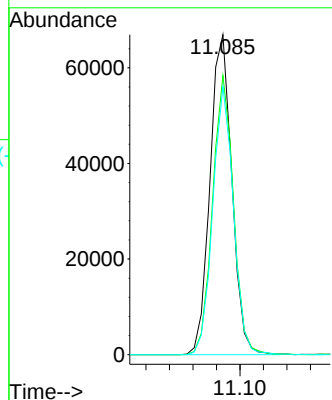
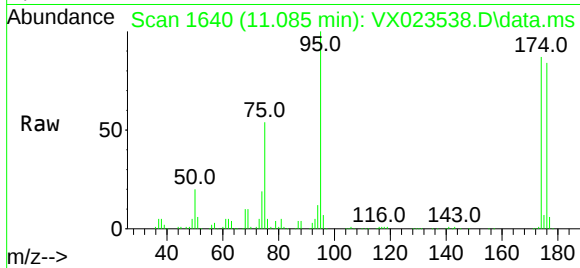




#60
4-Bromofluorobenzene
Concen: 25.875 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023538.D
Acq: 04 Aug 2021 13:03

Instrument :
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ClientSampleId :
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Tgt Ion: 95 Resp: 86384
Ion Ratio Lower Upper
95 100
174 83.4 63.5 95.3
176 79.3 63.0 94.4



#63
Toluene-d8
Concen: 30.092 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX023538.D
Acq: 04 Aug 2021 13:03

Tgt Ion: 98 Resp: 276043
Ion Ratio Lower Upper
98 100
100 63.3 51.4 77.0

