

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052921\
 Data File : VX022258.D
 Acq On : 28 May 2021 17:10
 Operator : JC/MD
 Sample : M2483-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DSN-001-SEWER-OUTLET-001

Quant Time: May 29 03:52:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 13 06:11:35 2021
 Response via : Initial Calibration

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

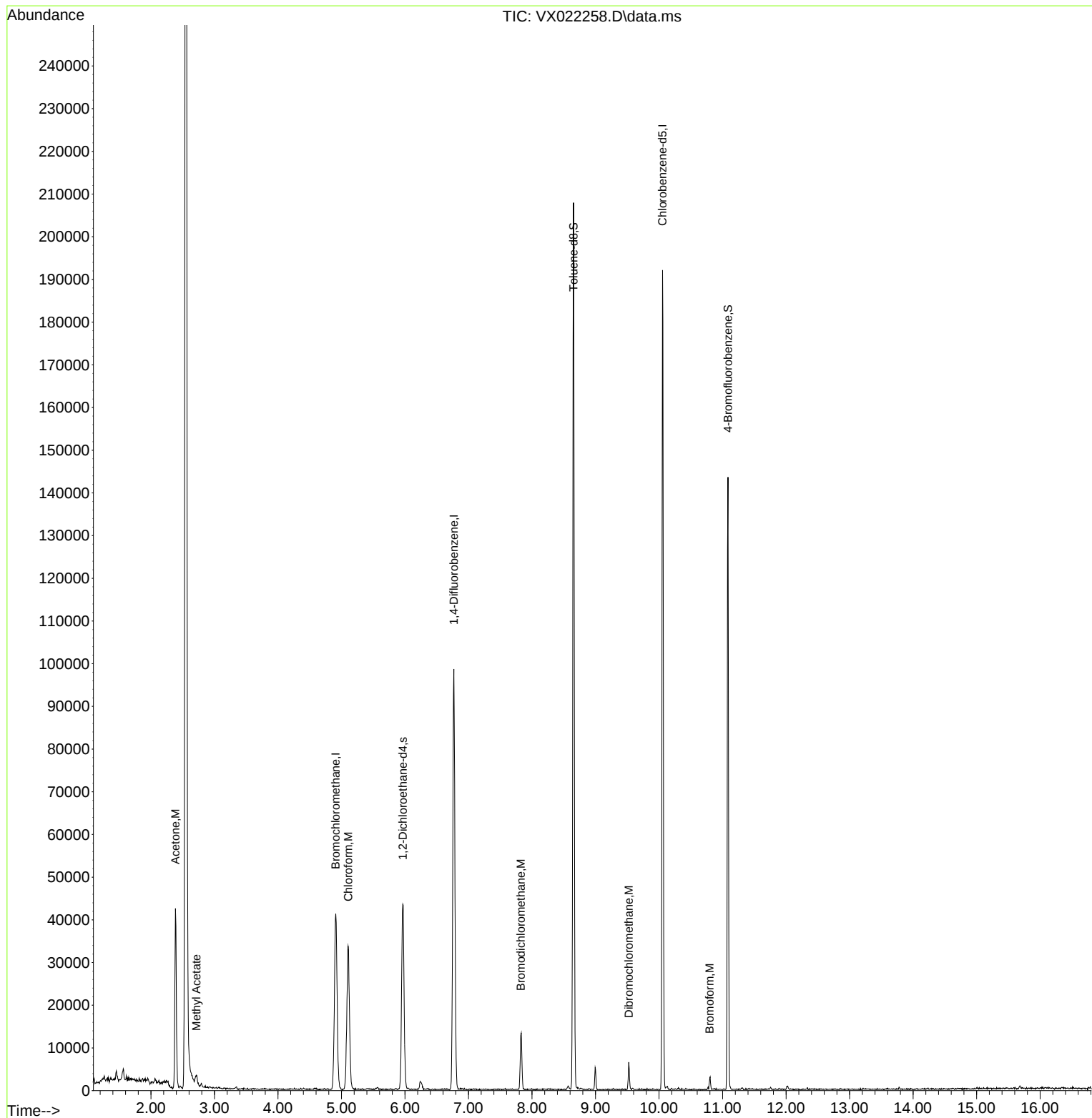
Internal Standards						
1) Bromochloromethane	4.910	128	16650	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	96510	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	82475	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	40018	31.20	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.00%
60) 4-Bromofluorobenzene	11.085	95	40914	29.89	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.63%
63) Toluene-d8	8.653	98	116743	30.98	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.27%
Target Compounds						
						Qvalue
12) Methyl Acetate	2.715	43	3251	2.38	ug/l	93
15) Acetone	2.386	58	14318	85.90	ug/l	95
25) Chloroform	5.105	83	37108	18.59	ug/l	97
41) Bromodichloromethane	7.824	83	8223	5.14	ug/l	90
53) Dibromochloromethane	9.525	129	2343	2.05	ug/l	99
56) Bromoform	10.799	173	982	1.35	ug/l #	92

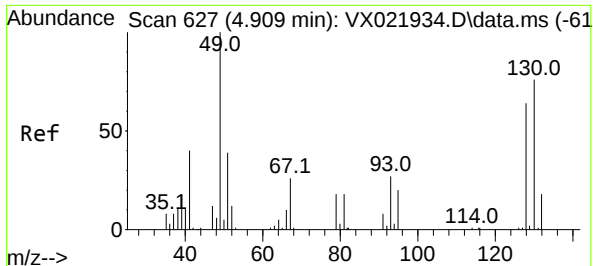
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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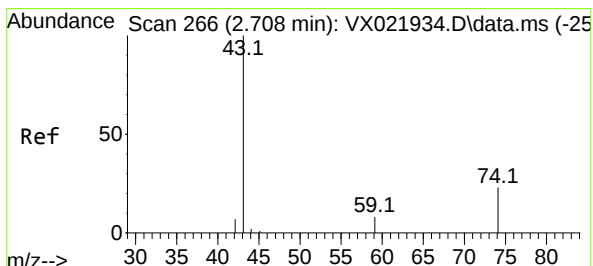
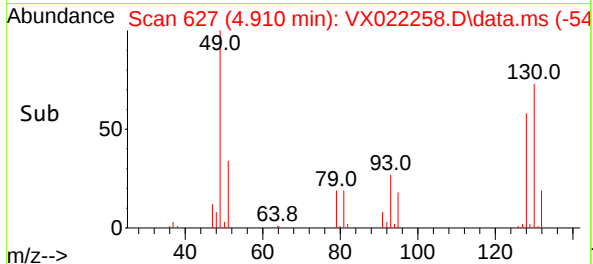
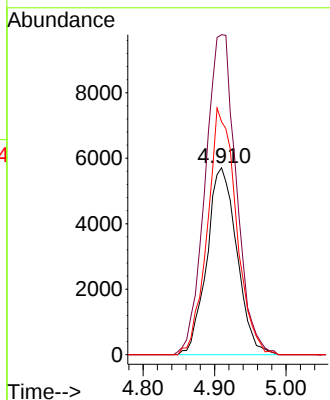
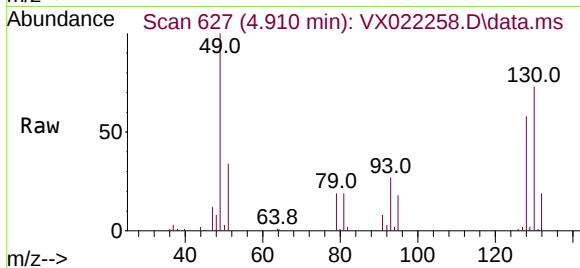




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 4.910 min Scan# 627
Delta R.T. 0.001 min
Lab File: VX022258.D
Acq: 28 May 2021 17:10

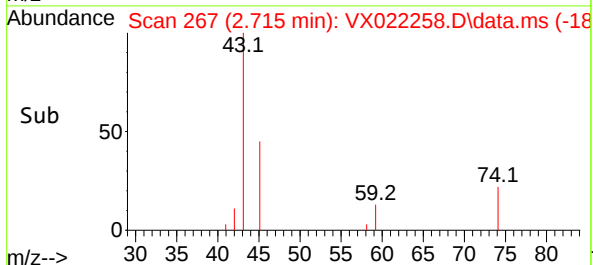
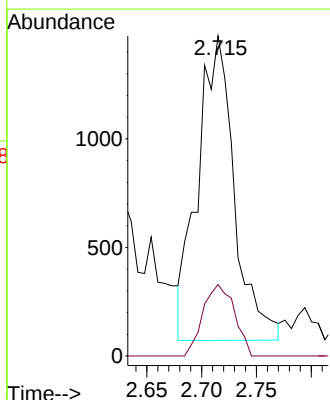
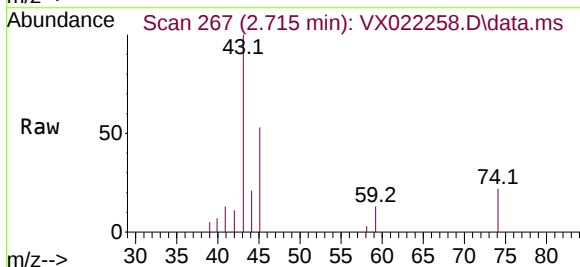
Instrument :
MSVOA_X
ClientSampleId :
DSN-001-SEWER-OUTLET-001

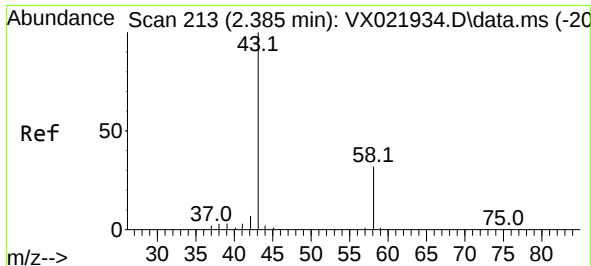
Tgt Ion:128 Resp: 16650
Ion Ratio Lower Upper
128 100
49 177.1 0.0 442.5
130 127.2 0.0 323.3



#12
Methyl Acetate
Concen: 2.38 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022258.D
Acq: 28 May 2021 17:10

Tgt Ion: 43 Resp: 3251
Ion Ratio Lower Upper
43 100
74 26.6 18.5 27.7

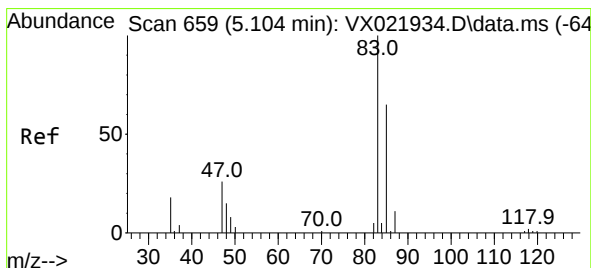
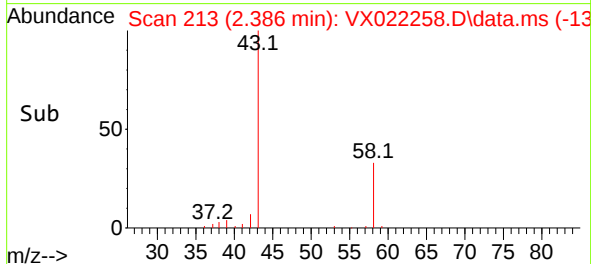
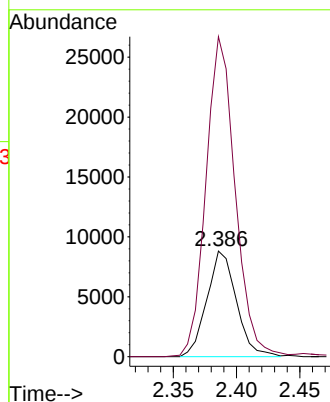
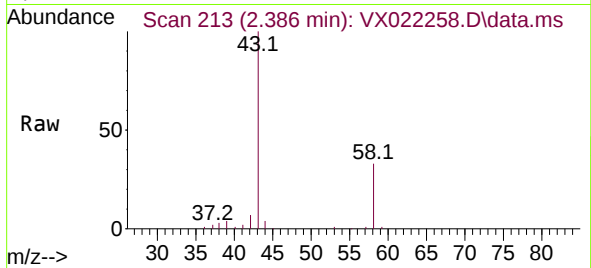




#15
Acetone
Concen: 85.90 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX022258.D
Acq: 28 May 2021 17:10

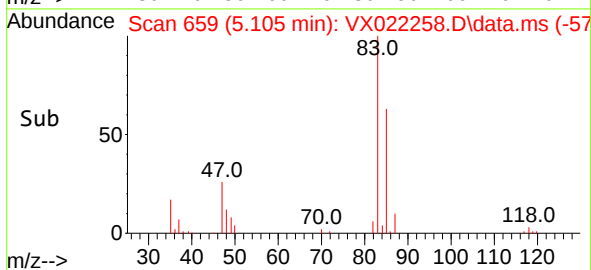
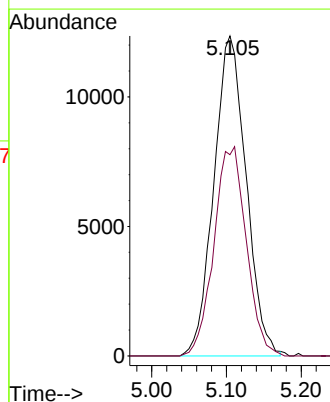
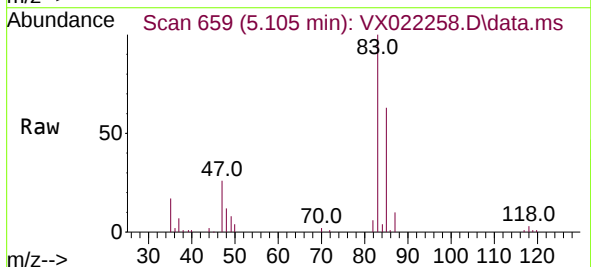
Instrument :
MSVOA_X
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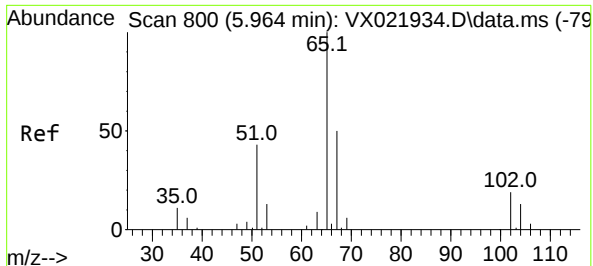
Tgt Ion: 58 Resp: 14318
Ion Ratio Lower Upper
58 100
43 301.7 249.5 374.3



#25
Chloroform
Concen: 18.59 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.000 min
Lab File: VX022258.D
Acq: 28 May 2021 17:10

Tgt Ion: 83 Resp: 37108
Ion Ratio Lower Upper
83 100
85 62.9 51.9 77.9





#27

1,2-Dichloroethane-d4

Concen: 31.20 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022258.D

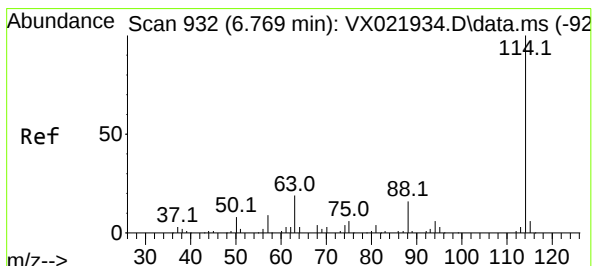
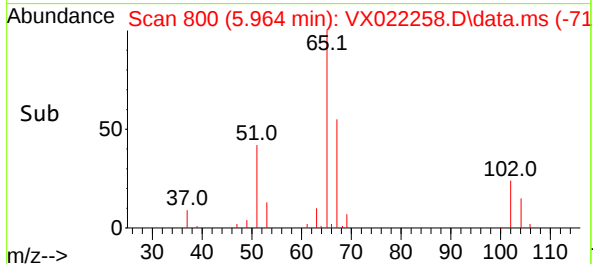
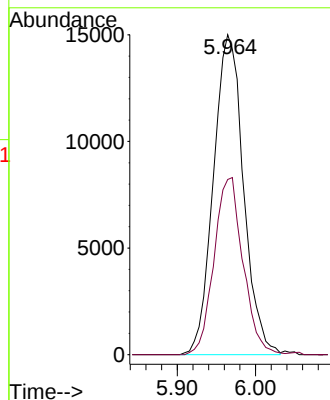
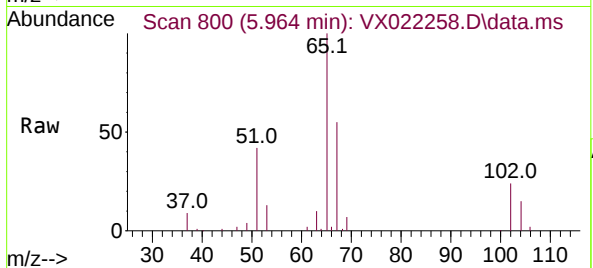
Acq: 28 May 2021 17:10

Tgt Ion: 65 Resp: 40018

Ion Ratio Lower Upper

65 100

67 53.3 41.5 62.3



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022258.D

Acq: 28 May 2021 17:10

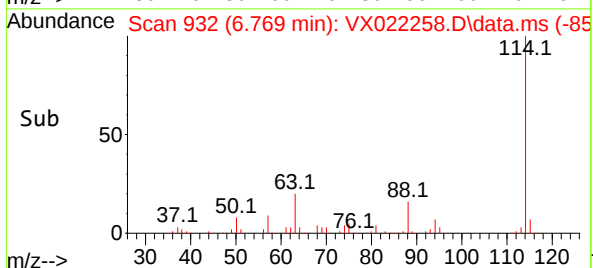
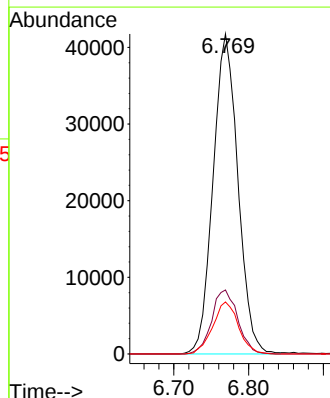
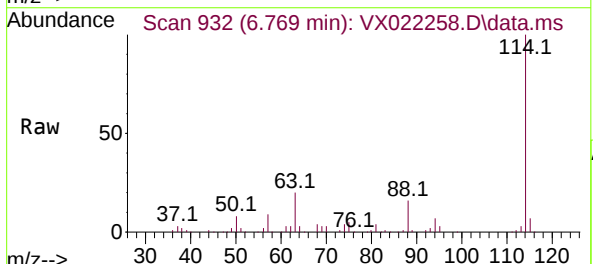
Tgt Ion: 114 Resp: 96510

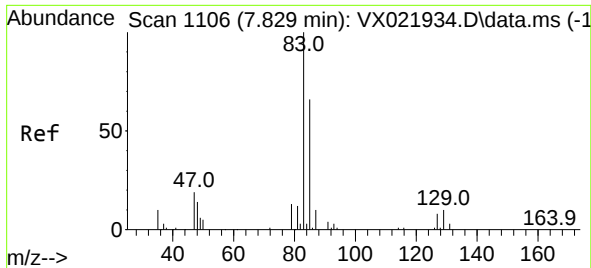
Ion Ratio Lower Upper

114 100

63 20.9 16.6 25.0

88 16.8 13.1 19.7

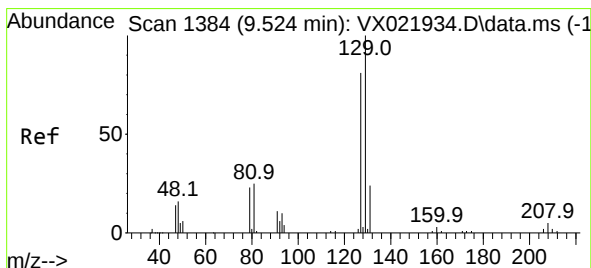
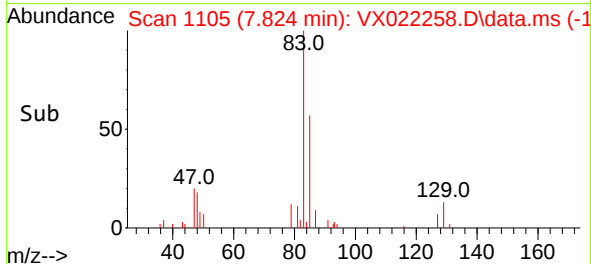
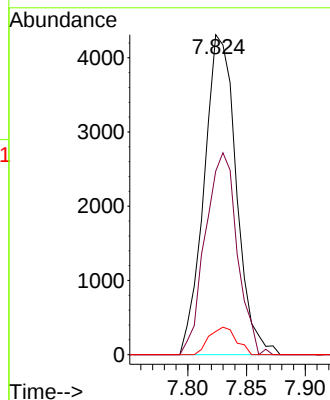
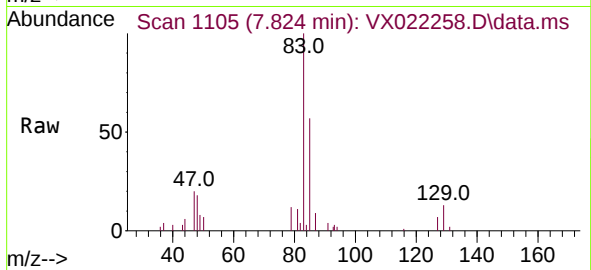




#41
Bromodichloromethane
Concen: 5.14 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX022258.D
Acq: 28 May 2021 17:10

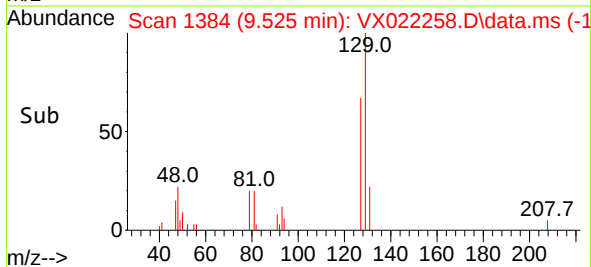
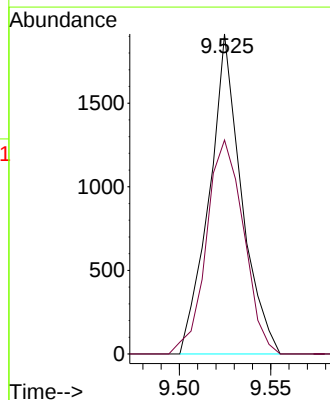
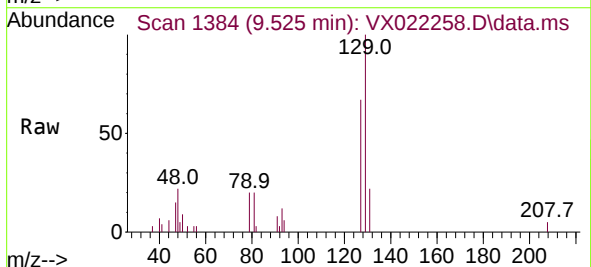
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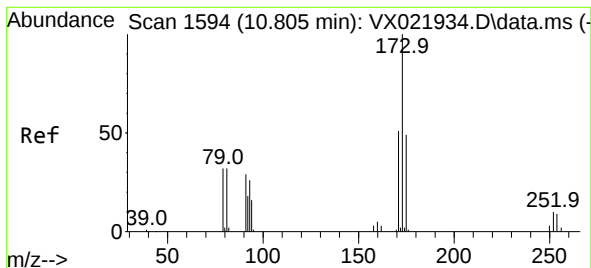
Tgt Ion: 83 Resp: 8223
Ion Ratio Lower Upper
83 100
85 57.4 52.6 78.8
127 7.2 6.1 9.1



#53
Dibromochloromethane
Concen: 2.05 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX022258.D
Acq: 28 May 2021 17:10

Tgt Ion: 129 Resp: 2343
Ion Ratio Lower Upper
129 100
127 77.3 39.0 116.9

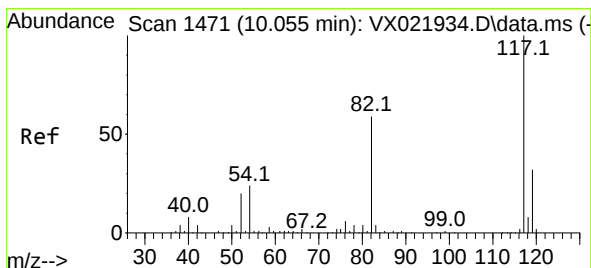
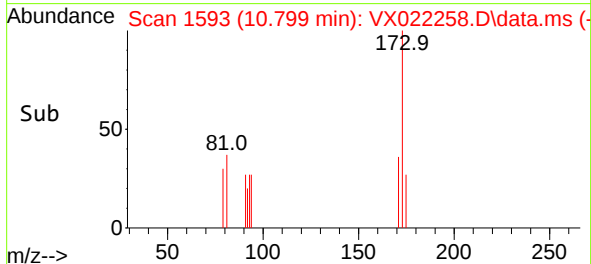
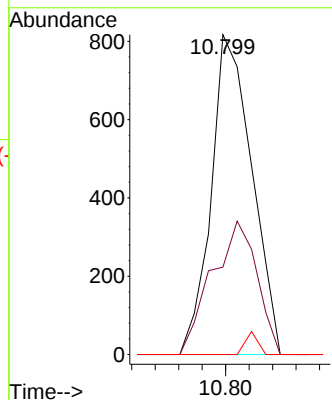
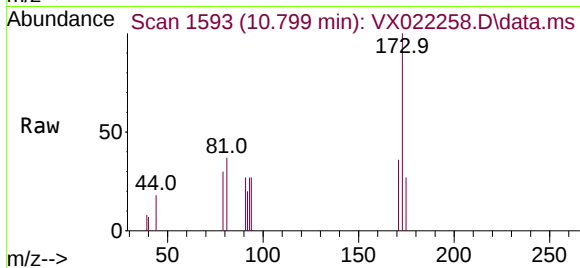




#56
Bromoform
Concen: 1.35 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX022258.D
Acq: 28 May 2021 17:10

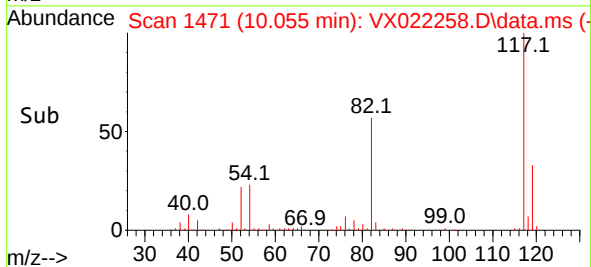
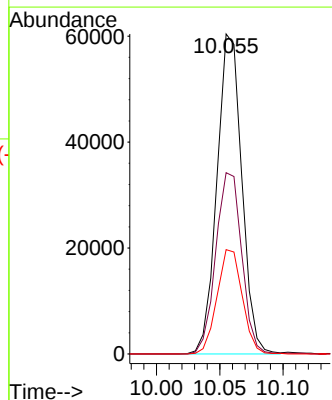
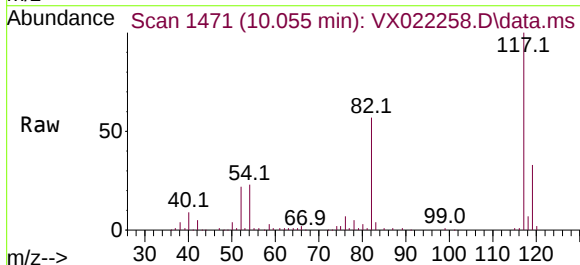
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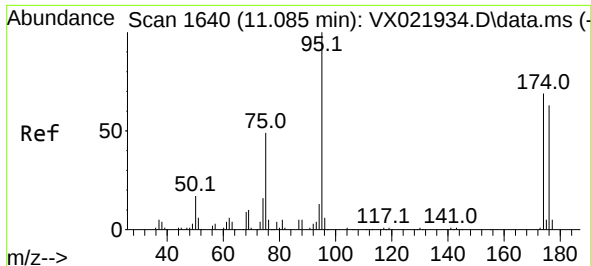
Tgt Ion:173 Resp: 982
Ion Ratio Lower Upper
173 100
175 46.1 39.4 59.2
254 0.0 8.0 12.0#



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022258.D
Acq: 28 May 2021 17:10

Tgt Ion:117 Resp: 82475
Ion Ratio Lower Upper
117 100
82 59.1 44.9 67.3
119 33.0 25.0 37.6

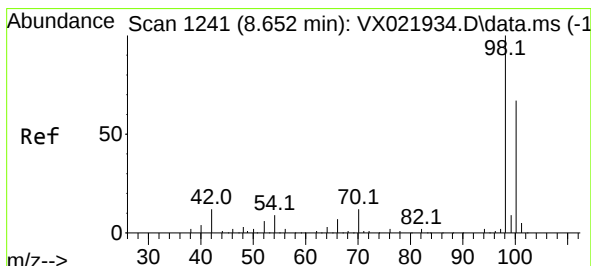
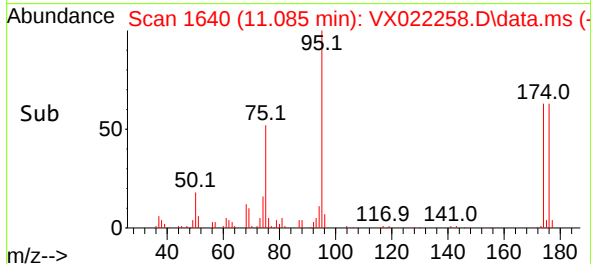
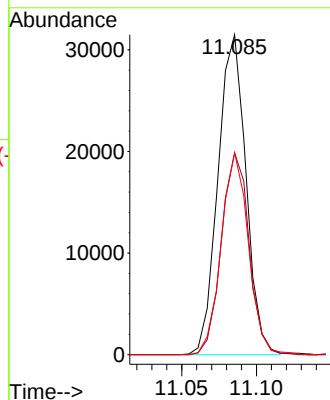
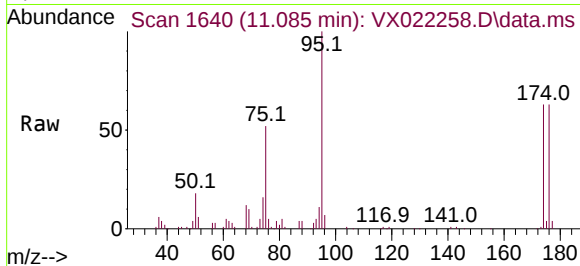




#60
4-Bromofluorobenzene
Concen: 29.89 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022258.D
Acq: 28 May 2021 17:10

Instrument :
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Tgt Ion: 95 Resp: 40914
Ion Ratio Lower Upper
95 100
174 62.3 52.2 78.2
176 61.4 49.3 73.9



#63
Toluene-d8
Concen: 30.98 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX022258.D
Acq: 28 May 2021 17:10

Tgt Ion: 98 Resp: 116743
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8

