

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112321\
 Data File : VN069626.D
 Acq On : 23 Nov 2021 14:43
 Operator : JC/MD
 Sample : M4797-02 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DSN-002-SEWER-OUTLET-002

Quant Time: Nov 24 02:26:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 10 14:36:17 2021
 Response via : Initial Calibration

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

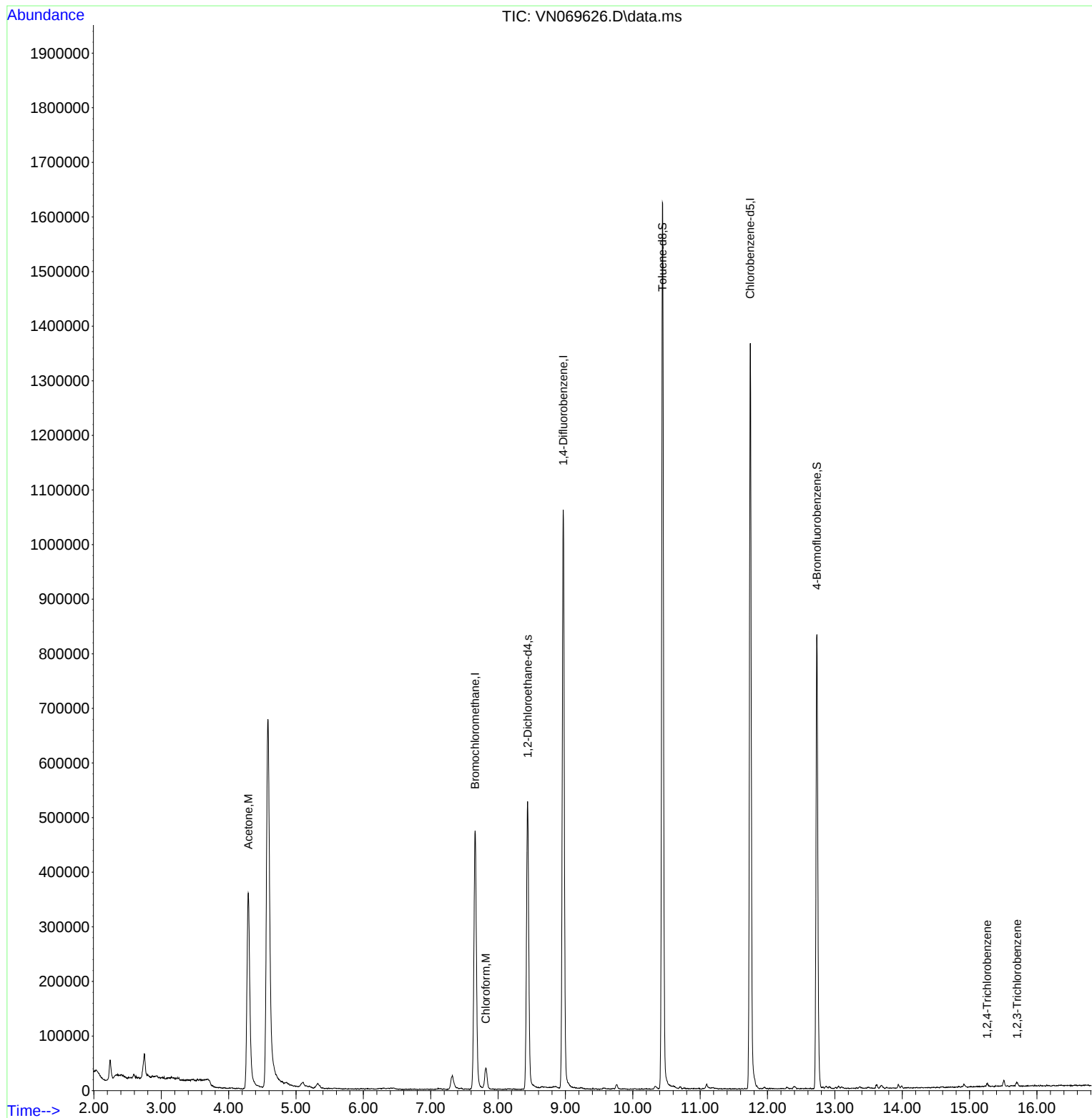
Internal Standards						
1) Bromochloromethane	7.657	128	166358	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	915737	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.744	117	787809	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	456480	31.639	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.467%
60) 4-Bromofluorobenzene	12.734	95	302852	24.022	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	80.067%
63) Toluene-d8	10.440	98	1123638	30.890	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.967%
Target Compounds						
15) Acetone	4.293	58	189900	87.249	ug/l	82
25) Chloroform	7.817	83	37254	1.876	ug/l	97
89) 1,2,4-Trichlorobenzene	15.263	180	2093	0.246	ug/l #	81
92) 1,2,3-Trichlorobenzene	15.705	180	2956	0.354	ug/l	60

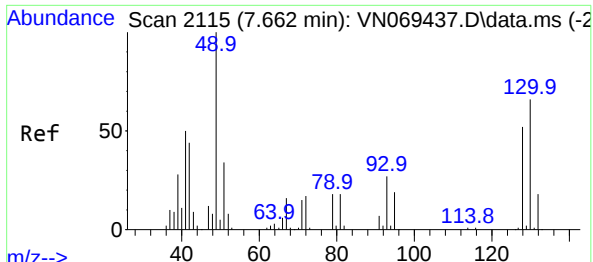
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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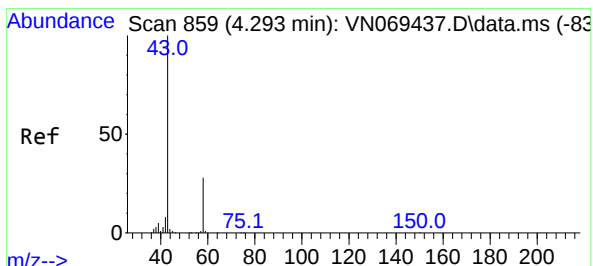
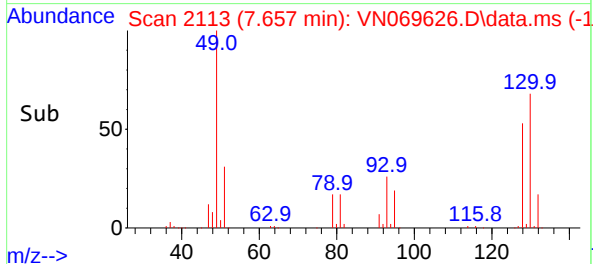
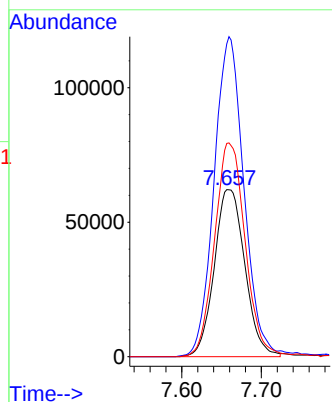
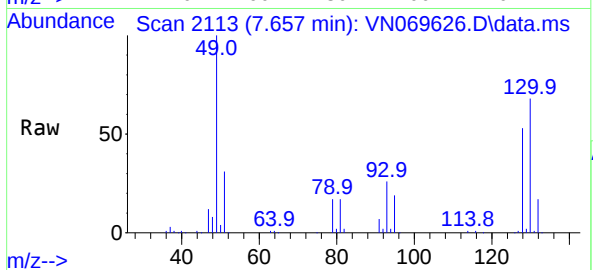




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 2113
Delta R.T. -0.005 min
Lab File: VN069626.D
Acq: 23 Nov 2021 14:43

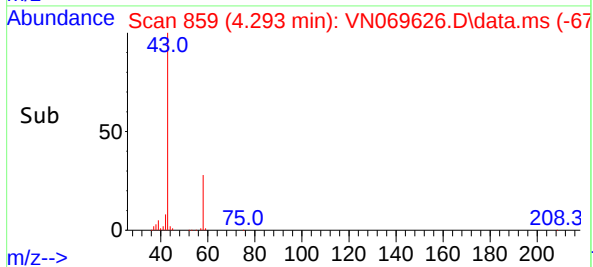
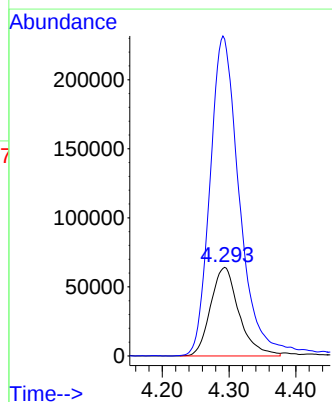
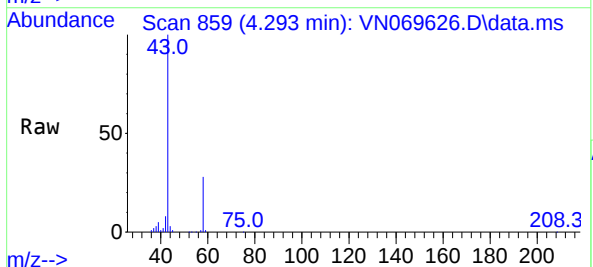
Instrument :
MSVOA_N
ClientSampleId :
DSN-002-SEWER-OUTLET-002

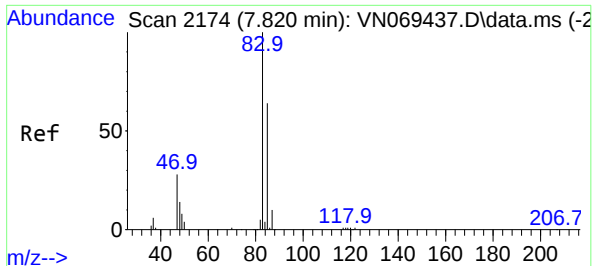
Tgt Ion:128 Resp: 166358
Ion Ratio Lower Upper
128 100
49 185.7 0.0 392.3
130 127.8 0.0 320.2



#15
Acetone
Concen: 87.249 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.006 min
Lab File: VN069626.D
Acq: 23 Nov 2021 14:43

Tgt Ion: 58 Resp: 189900
Ion Ratio Lower Upper
58 100
43 356.6 256.6 384.8

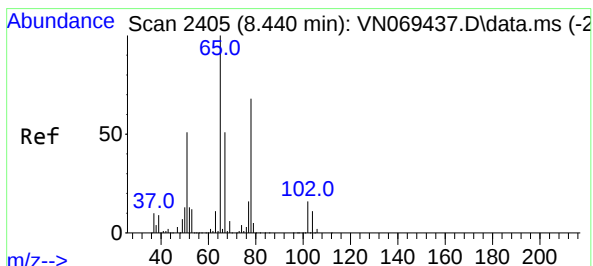
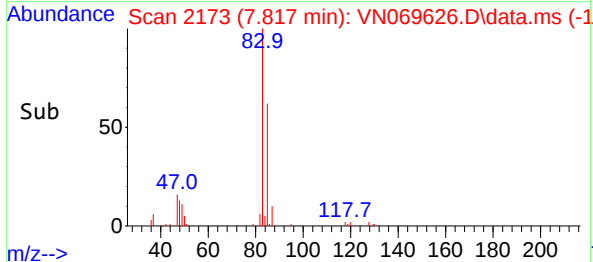
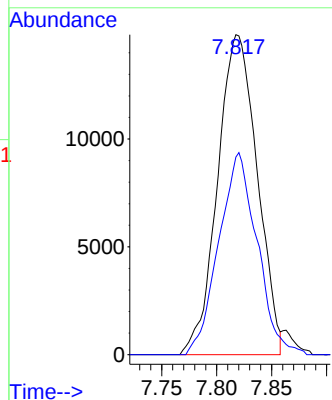
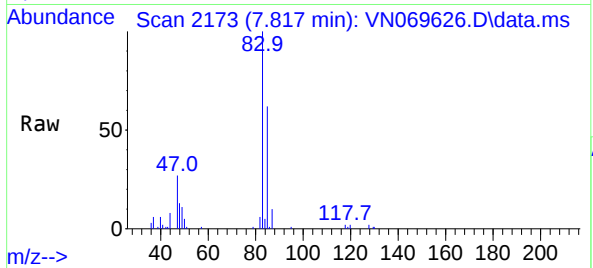




#25
Chloroform
Concen: 1.876 ug/l
RT: 7.817 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069626.D
Acq: 23 Nov 2021 14:43

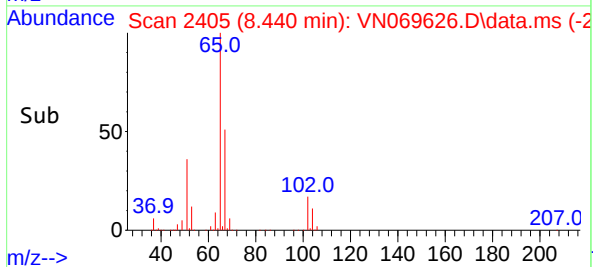
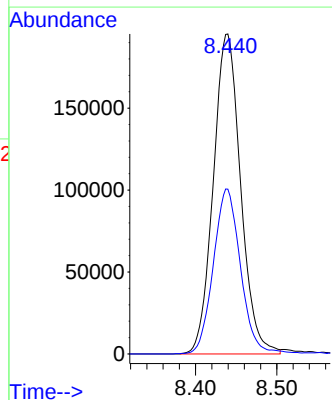
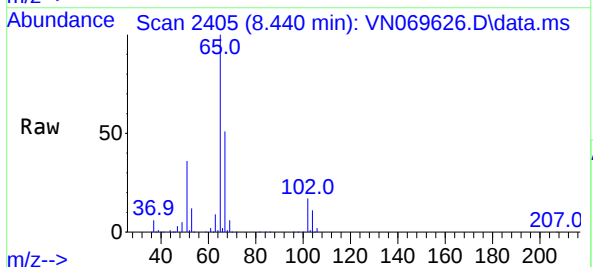
Instrument :
MSVOA_N
ClientSampleId :
DSN-002-SEWER-OUTLET-002

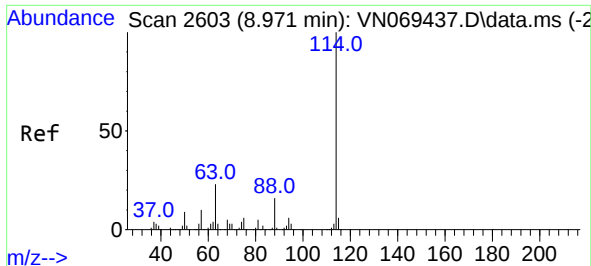
Tgt Ion: 83 Resp: 37254
Ion Ratio Lower Upper
83 100
85 61.7 51.3 76.9



#27
1,2-Dichloroethane-d4
Concen: 31.639 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069626.D
Acq: 23 Nov 2021 14:43

Tgt Ion: 65 Resp: 456480
Ion Ratio Lower Upper
65 100
67 50.4 40.2 60.2



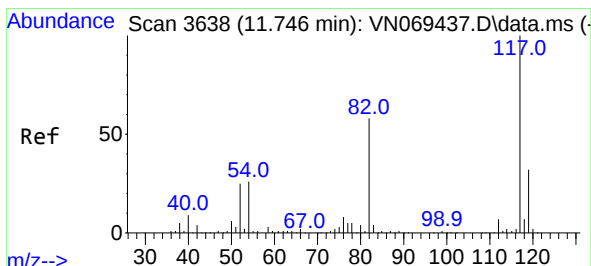
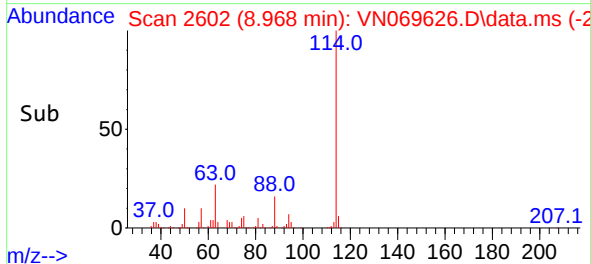
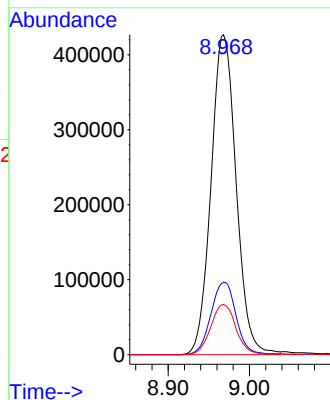
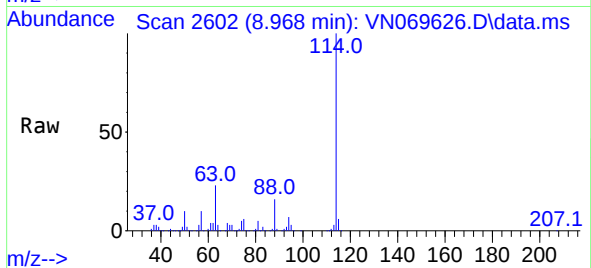


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN069626.D
Acq: 23 Nov 2021 14:43

Instrument :
MSVOA_N
ClientSampleId :
DSN-002-SEWER-OUTLET-002

Tgt Ion:114 Resp: 915737

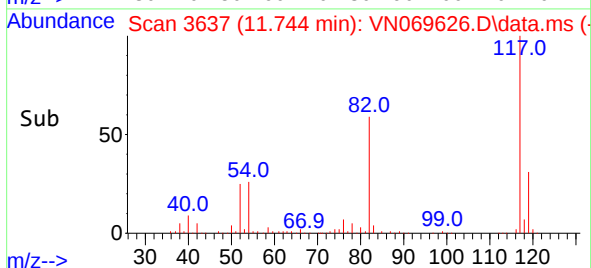
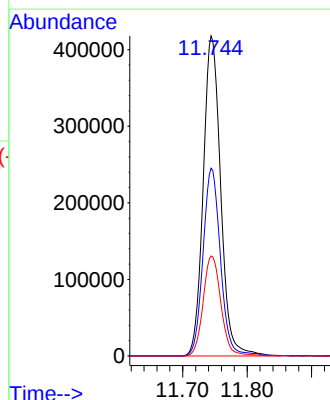
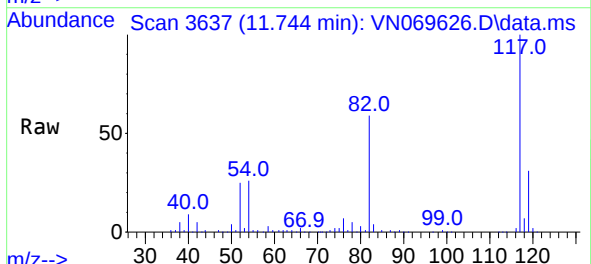
Ion	Ratio	Lower	Upper
114	100		
63	22.7	15.8	23.6
88	15.7	11.6	17.4

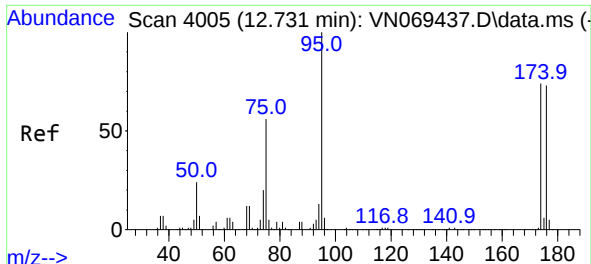


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.003 min
Lab File: VN069626.D
Acq: 23 Nov 2021 14:43

Tgt Ion:117 Resp: 787809

Ion	Ratio	Lower	Upper
117	100		
82	58.2	43.6	65.4
119	31.8	25.8	38.6

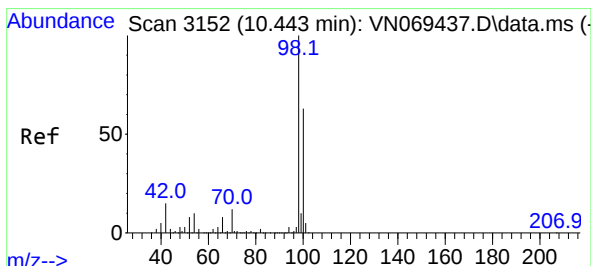
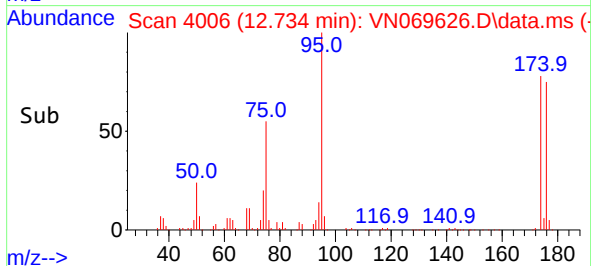
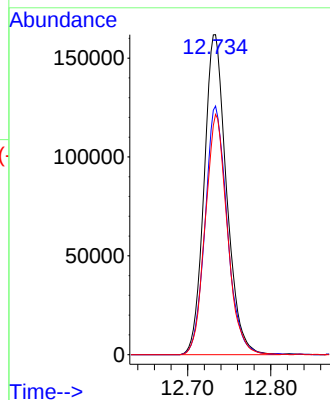
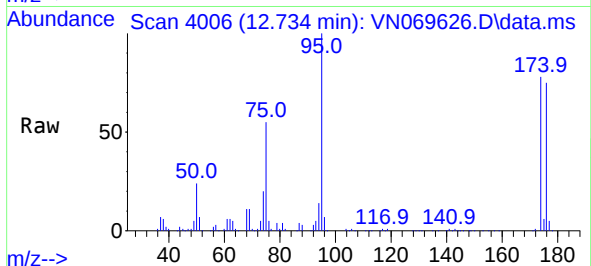




#60
4-Bromofluorobenzene
Concen: 24.022 ug/l
RT: 12.734 min Scan# 4005
Delta R.T. 0.000 min
Lab File: VN069626.D
Acq: 23 Nov 2021 14:43

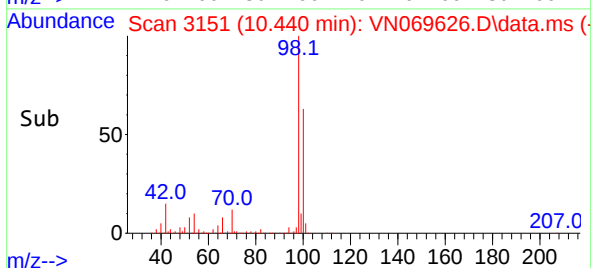
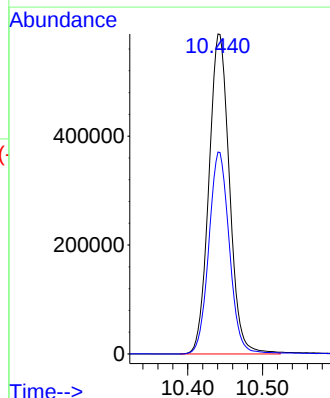
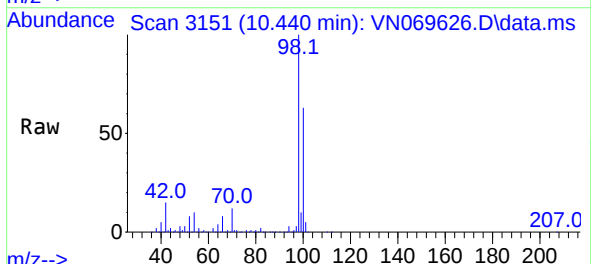
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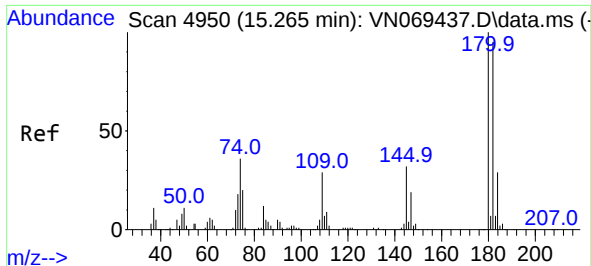
Tgt Ion: 95 Resp: 302852
Ion Ratio Lower Upper
95 100
174 76.5 62.9 94.3
176 74.0 61.0 91.4



#63
Toluene-d8
Concen: 30.890 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069626.D
Acq: 23 Nov 2021 14:43

Tgt Ion: 98 Resp: 1123638
Ion Ratio Lower Upper
98 100
100 62.9 50.6 76.0

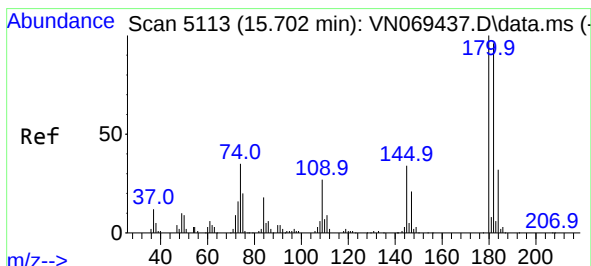
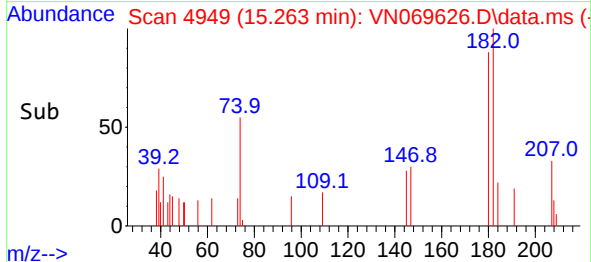
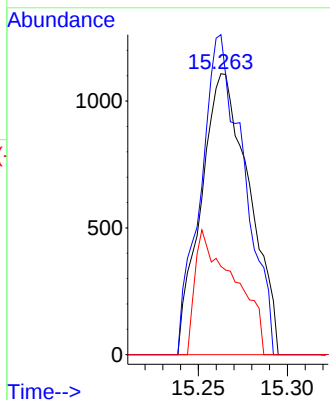
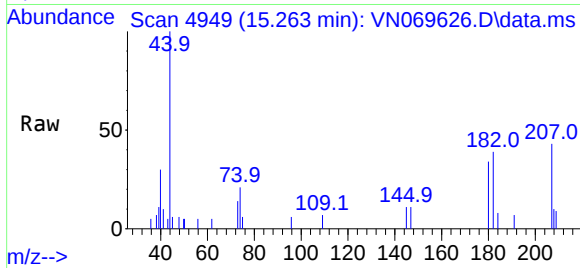




#89
 1,2,4-Trichlorobenzene
 Concen: 0.246 ug/l
 RT: 15.263 min Scan# 4949
 Delta R.T. -0.003 min
 Lab File: VN069626.D
 Acq: 23 Nov 2021 14:43

Instrument :
 MSVOA_N
 ClientSampleId :
 DSN-002-SEWER-OUTLET-002

Tgt Ion:180 Resp: 2093
 Ion Ratio Lower Upper
 180 100
 182 74.4 77.7 116.5#
 145 36.2 26.6 39.8



#92
 1,2,3-Trichlorobenzene
 Concen: 0.354 ug/l
 RT: 15.705 min Scan# 5114
 Delta R.T. 0.003 min
 Lab File: VN069626.D
 Acq: 23 Nov 2021 14:43

Tgt Ion:180 Resp: 2956
 Ion Ratio Lower Upper
 180 100
 182 58.4 0.0 190.0
 145 8.0 0.0 67.8

