

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052721\
 Data File : VX022221.D
 Acq On : 27 May 2021 02:06
 Operator : JC/MD
 Sample : M2483-02 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

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

Quant Time: May 27 05:02:18 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)

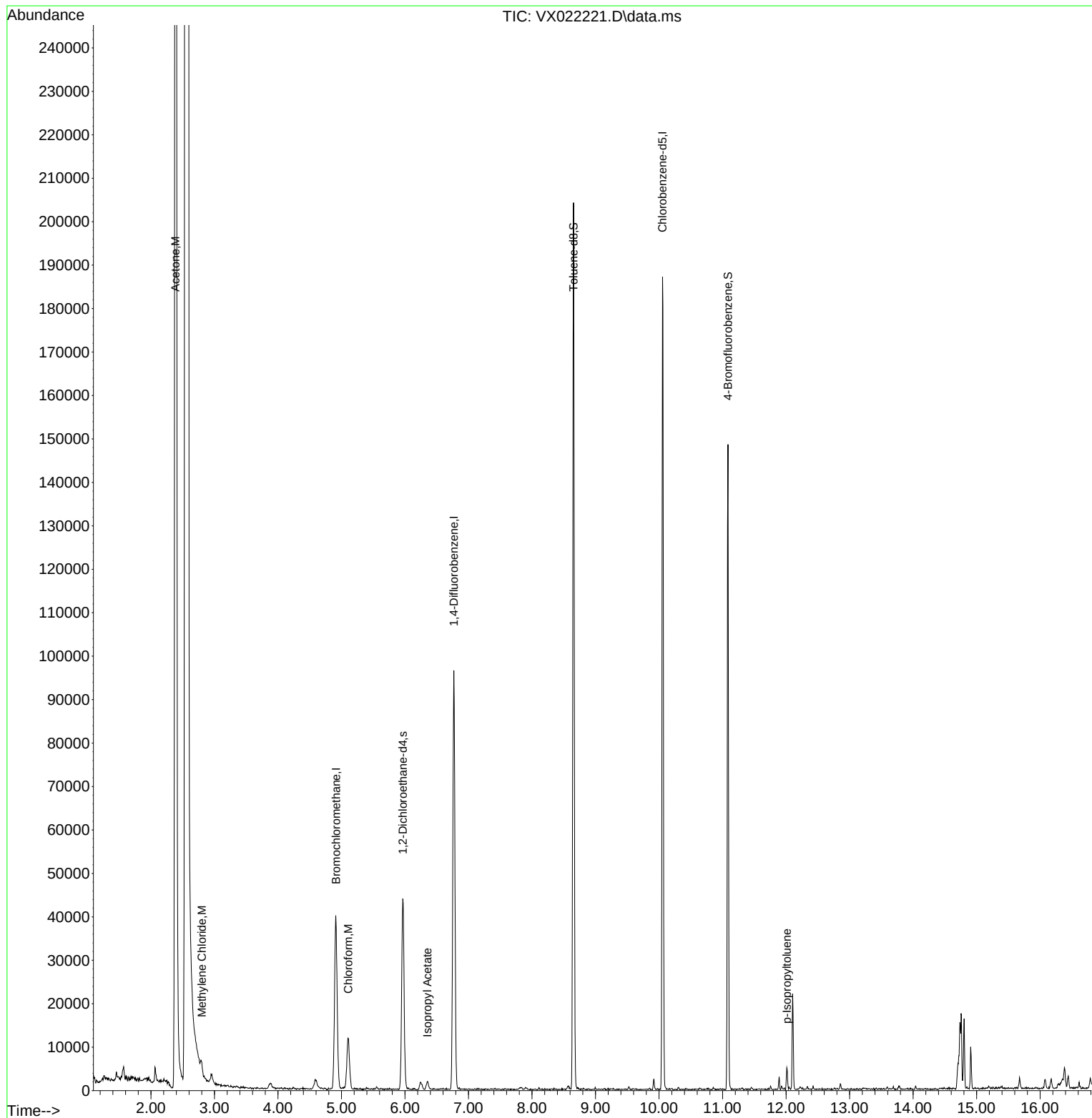
Internal Standards						
1) Bromochloromethane	4.916	128	15518	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	94513	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	83405	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	39774	33.27	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	110.90%#
60) 4-Bromofluorobenzene	11.085	95	40817	29.49	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.30%
63) Toluene-d8	8.653	98	114622	30.07	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.23%
Target Compounds						
						Qvalue
15) Acetone	2.386	58	272218	1752.20	ug/l	94
18) Methylene Chloride	2.800	84	873	0.80	ug/l #	84
25) Chloroform	5.105	83	13278	7.14	ug/l	98
44) Isopropyl Acetate	6.354	43	2473	0.88	ug/l #	87
82) p-Isopropyltoluene	12.012	119	2470	0.58	ug/l	96

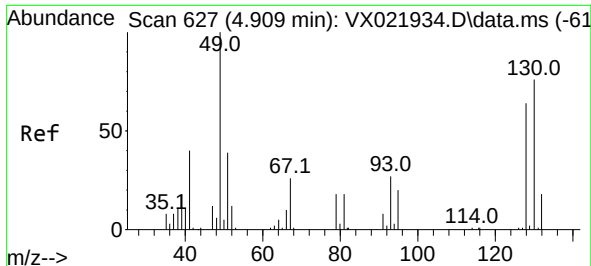
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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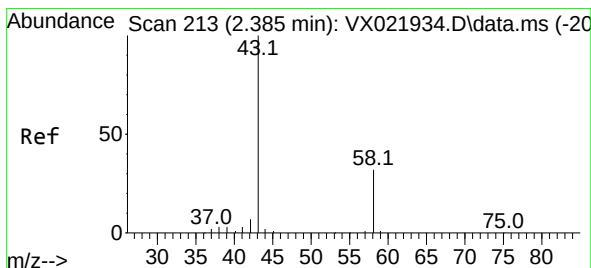
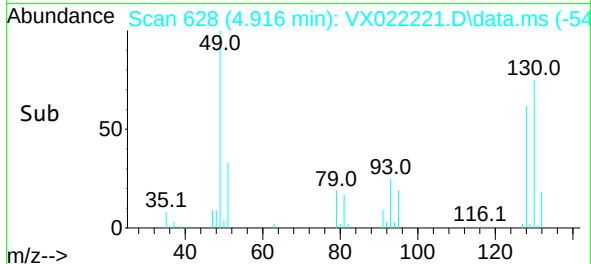
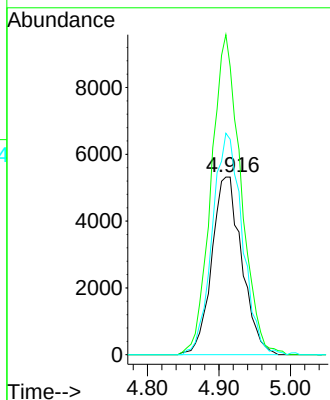
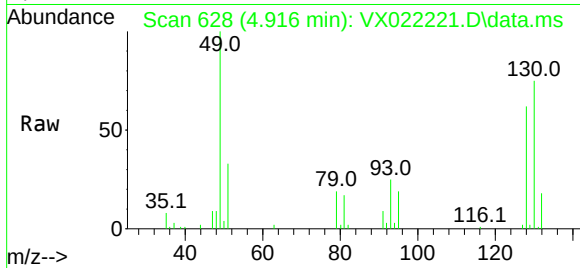




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 4.916 min Scan# 628
Delta R.T. 0.007 min
Lab File: VX022221.D
Acq: 27 May 2021 02:06

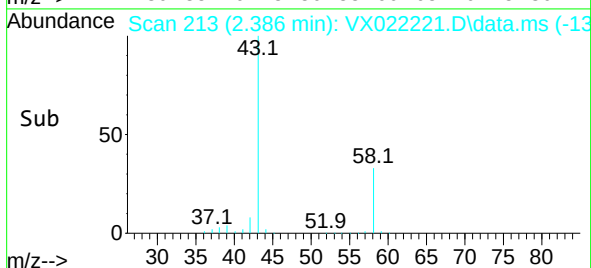
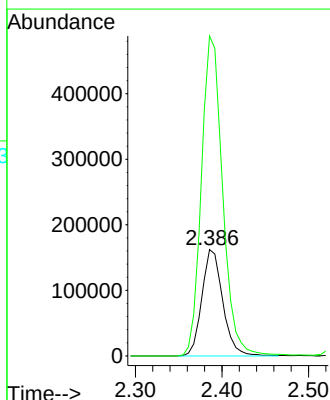
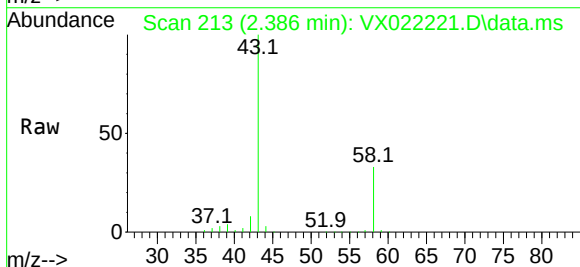
Instrument :
MSVOA_X
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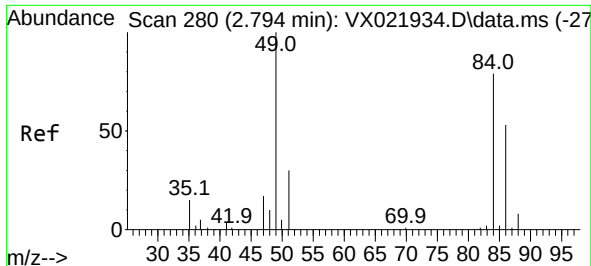
Tgt Ion:128 Resp: 15518
Ion Ratio Lower Upper
128 100
49 177.1 0.0 442.5
130 124.8 0.0 323.3



#15
Acetone
Concen: 1752.20 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX022221.D
Acq: 27 May 2021 02:06

Tgt Ion: 58 Resp: 272218
Ion Ratio Lower Upper
58 100
43 300.6 249.5 374.3





#18

Methylene Chloride

Concen: 0.80 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX022221.D

Acq: 27 May 2021 02:06

Tgt Ion: 84 Resp: 873

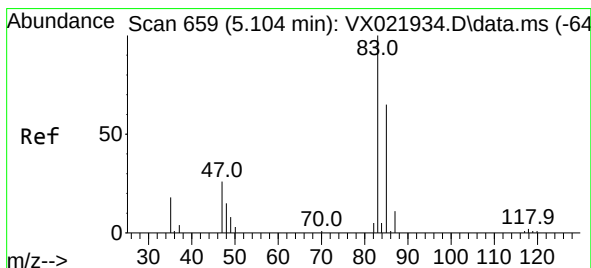
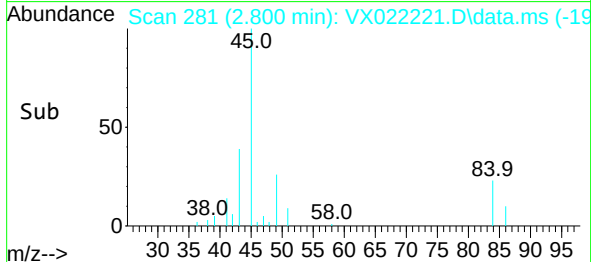
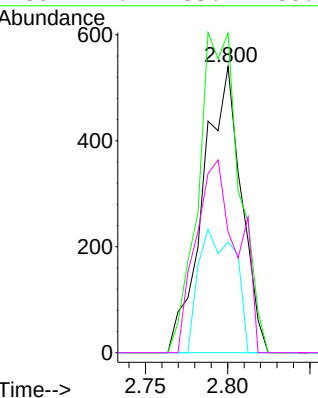
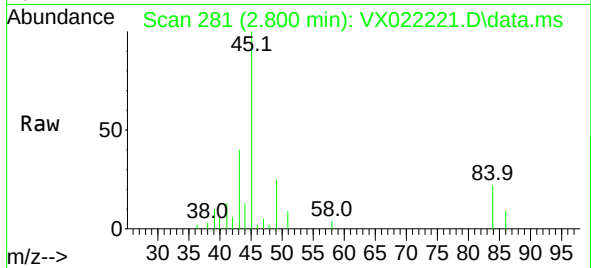
Ion Ratio Lower Upper

84 100

49 111.7 101.6 152.4

51 38.7 30.5 45.7

86 42.2 53.4 80.2#



#25

Chloroform

Concen: 7.14 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.000 min

Lab File: VX022221.D

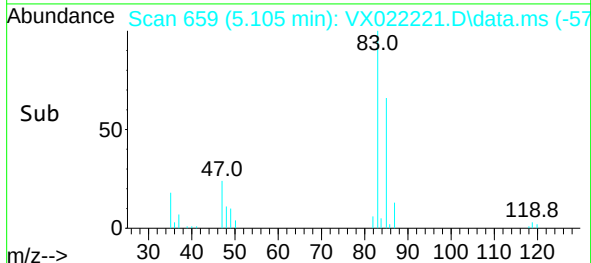
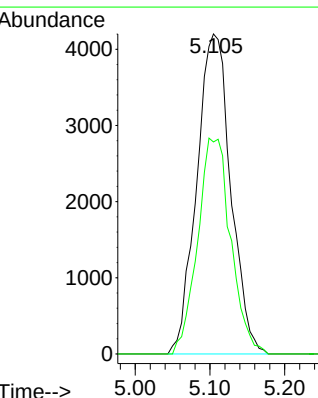
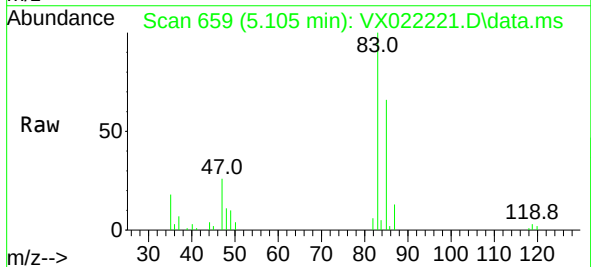
Acq: 27 May 2021 02:06

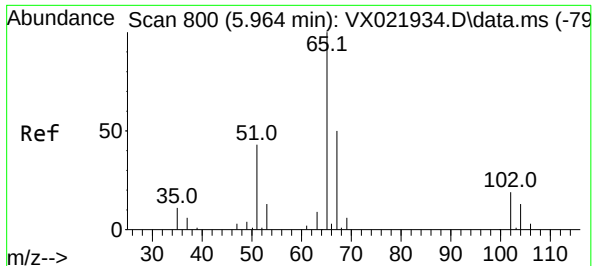
Tgt Ion: 83 Resp: 13278

Ion Ratio Lower Upper

83 100

85 66.2 51.9 77.9





#27

1,2-Dichloroethane-d4

Concen: 33.27 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022221.D

Acq: 27 May 2021 02:06

Tgt Ion: 65 Resp: 39774

Ion Ratio Lower Upper

65 100

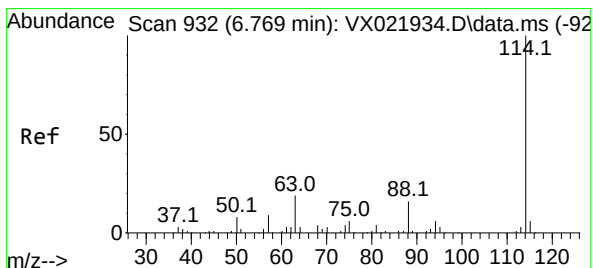
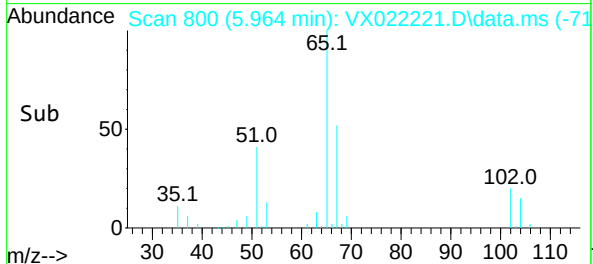
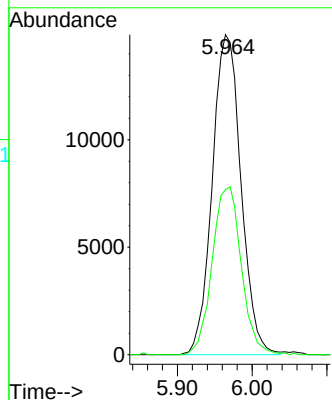
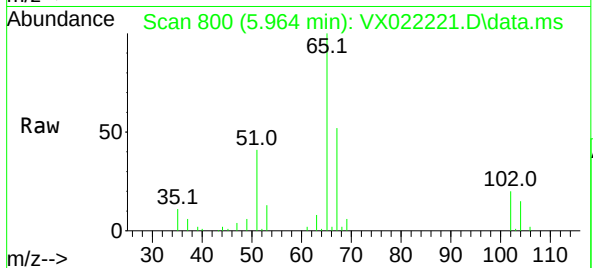
67 53.0 41.5 62.3

Instrument :

MSVOA_X

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DSN-002-SEWER-OUTLET-002



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022221.D

Acq: 27 May 2021 02:06

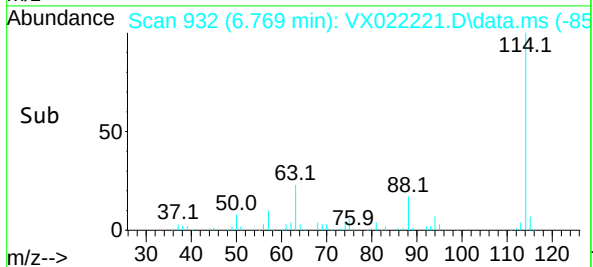
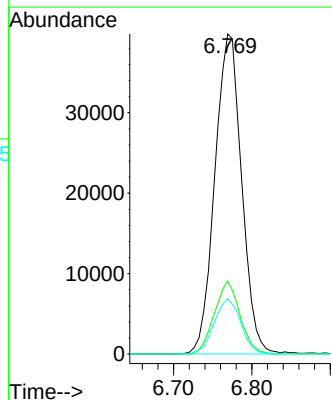
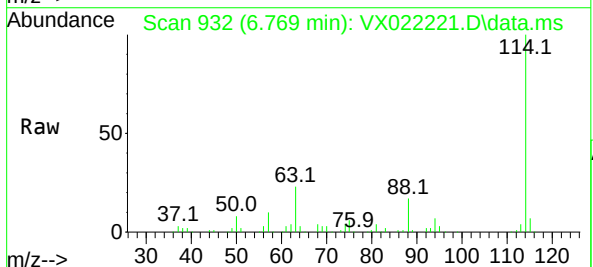
Tgt Ion: 114 Resp: 94513

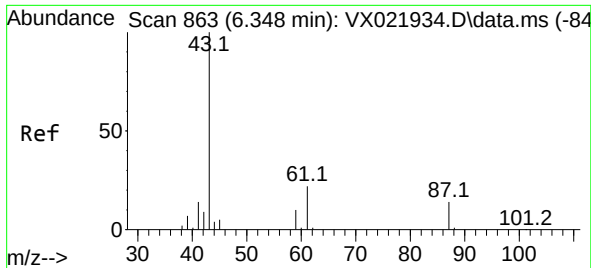
Ion Ratio Lower Upper

114 100

63 21.7 16.6 25.0

88 17.1 13.1 19.7

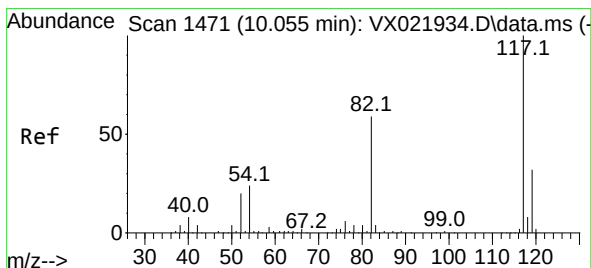
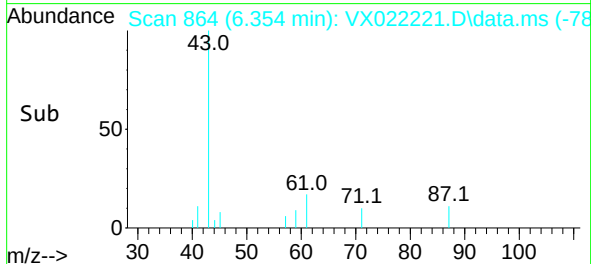
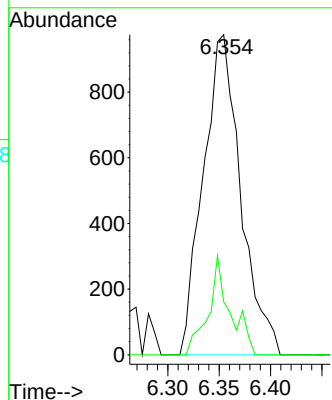
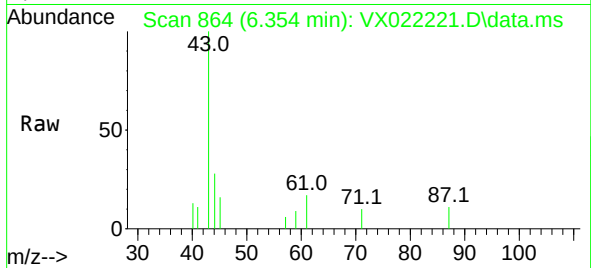




#44
Isopropyl Acetate
Concen: 0.88 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX022221.D
Acq: 27 May 2021 02:06

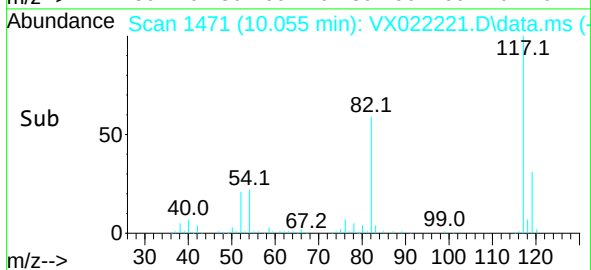
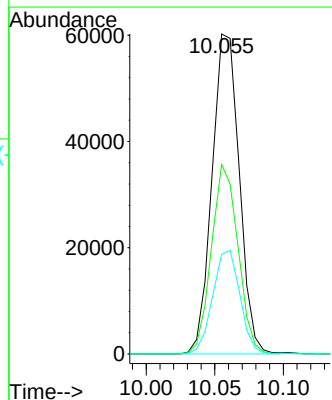
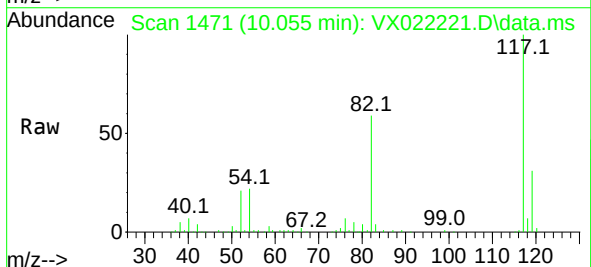
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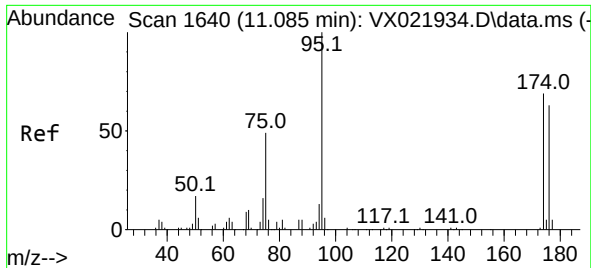
Tgt Ion: 43 Resp: 2473
Ion Ratio Lower Upper
43 100
61 15.3 17.0 25.4#



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022221.D
Acq: 27 May 2021 02:06

Tgt Ion: 117 Resp: 83405
Ion Ratio Lower Upper
117 100
82 57.7 44.9 67.3
119 32.4 25.0 37.6

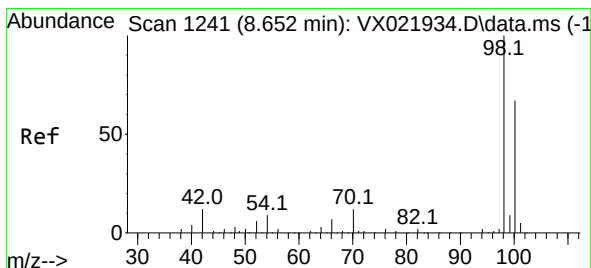
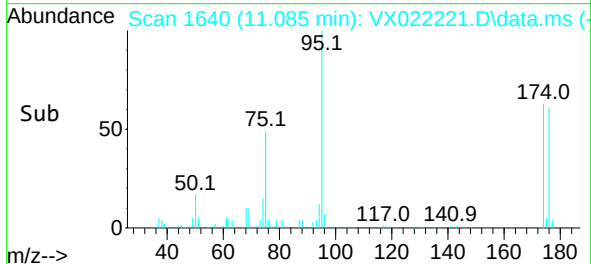
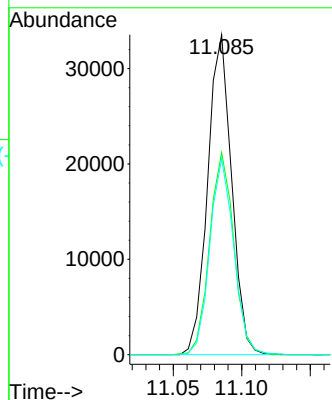
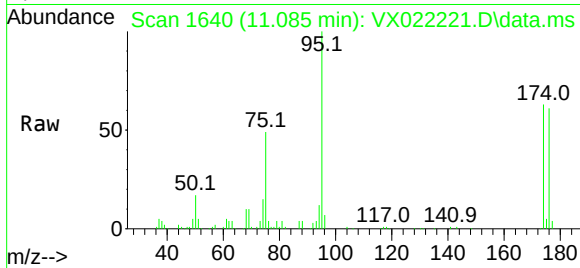




#60
4-Bromofluorobenzene
Concen: 29.49 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022221.D
Acq: 27 May 2021 02:06

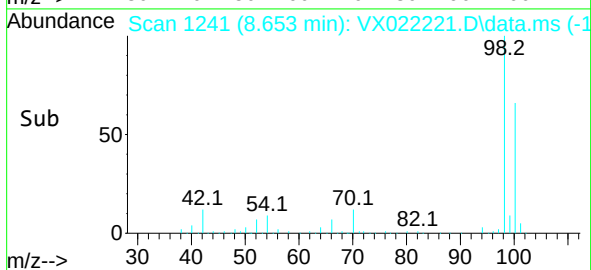
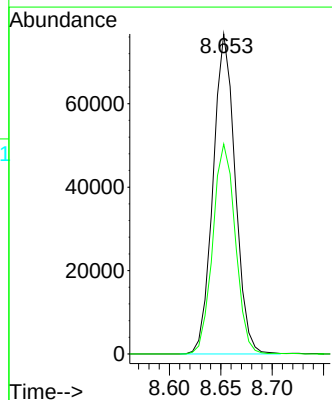
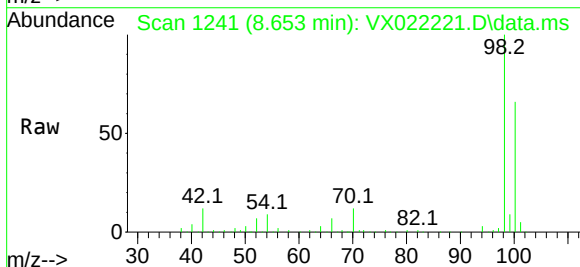
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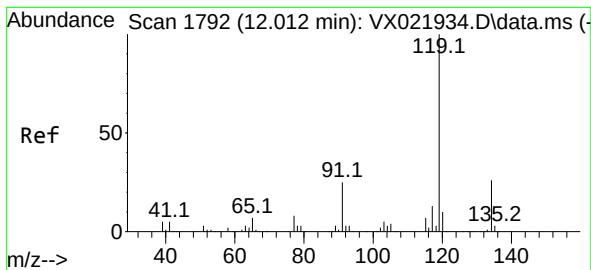
Tgt Ion: 95 Resp: 40817
Ion Ratio Lower Upper
95 100
174 63.7 52.2 78.2
176 61.0 49.3 73.9



#63
Toluene-d8
Concen: 30.07 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX022221.D
Acq: 27 May 2021 02:06

Tgt Ion: 98 Resp: 114622
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8





#82
 p-Isopropyltoluene
 Concen: 0.58 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX022221.D
 Acq: 27 May 2021 02:06

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

Tgt Ion:	119	Resp:	2470
Ion	Ratio	Lower	Upper
119	100		
134	26.8	0.0	50.4
91	22.7	0.0	51.0

