

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090322\
 Data File : VX031121.D
 Acq On : 04 Sep 2022 07:05
 Operator : JC/MD
 Sample : N4479-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-14

Quant Time: Sep 06 01:33:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

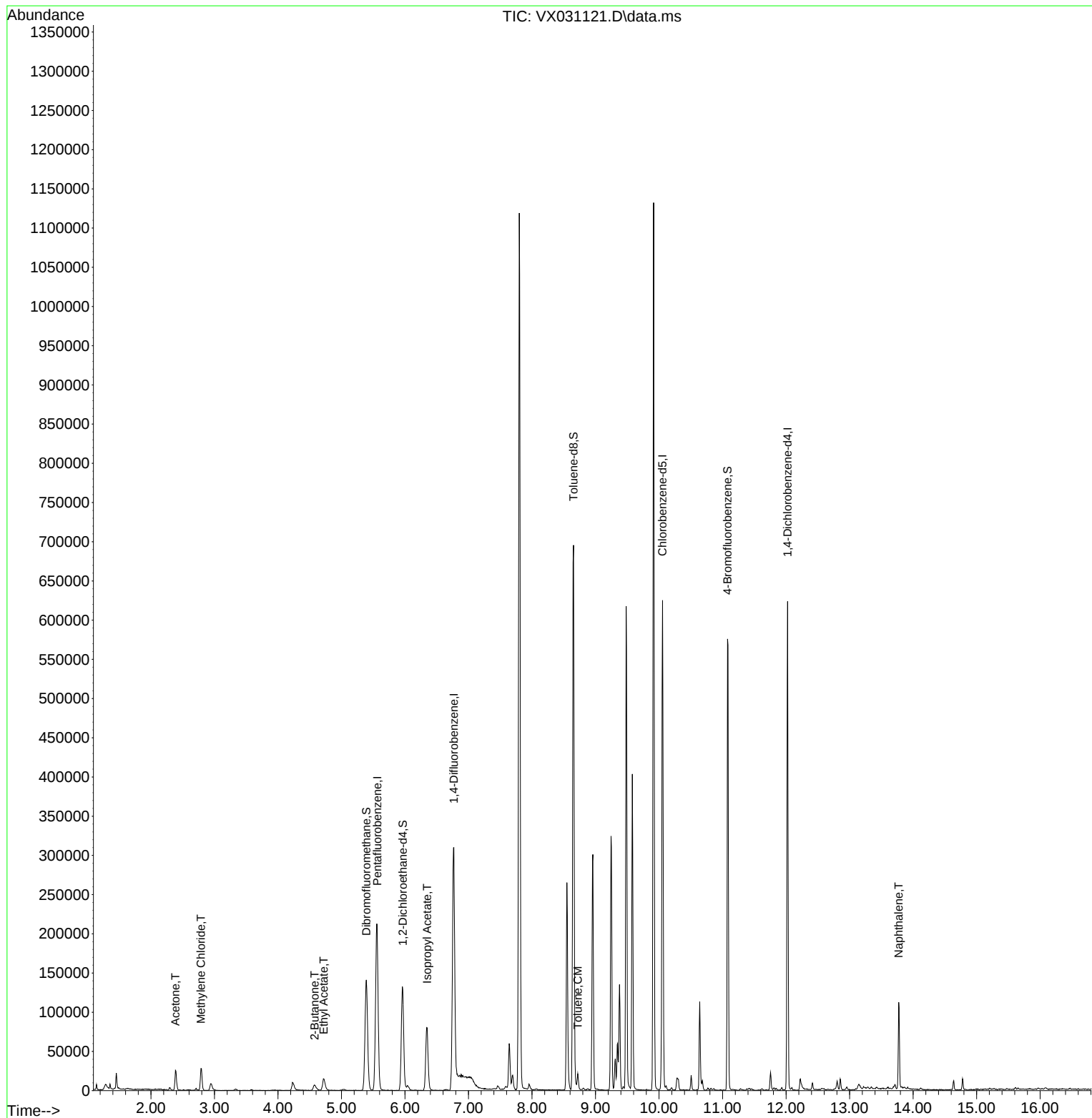
Internal Standards						
1) Pentafluorobenzene	5.562	168	214862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	337201	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	307492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	131162	47.443	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.880%			
35) Dibromofluoromethane	5.391	113	127930	51.988	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.980%			
50) Toluene-d8	8.653	98	449922	49.679	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.360%			
62) 4-Bromofluorobenzene	11.079	95	161191	50.392	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.780%			
Target Compounds					Qvalue	
16) Acetone	2.386	43	28125	26.352	ug/l	93
20) Methylene Chloride	2.788	84	14600	3.588	ug/l #	82
25) 2-Butanone	4.574	43	8925	5.417	ug/l	97
37) Ethyl Acetate	4.721	43	24178	8.073	ug/l #	95
43) Isopropyl Acetate	6.348	43	106787	22.815	ug/l #	91
52) Toluene	8.720	92	6969	1.086	ug/l	95
95) Naphthalene	13.774	128	74437	5.953	ug/l	99

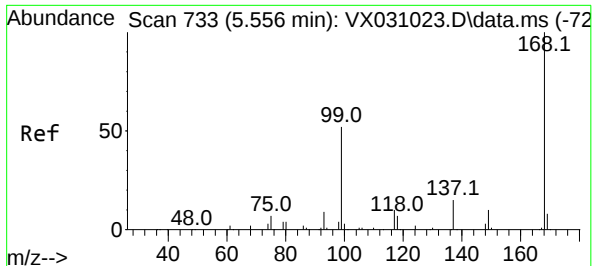
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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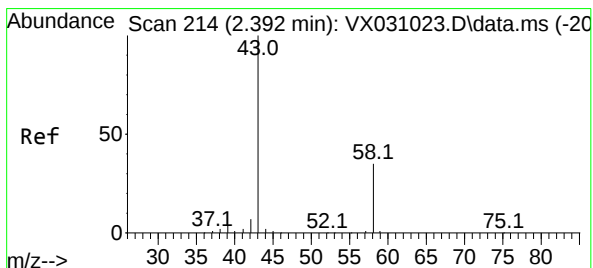
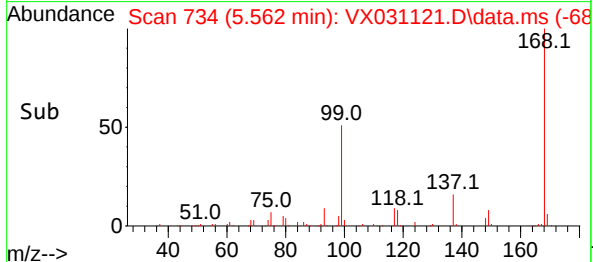
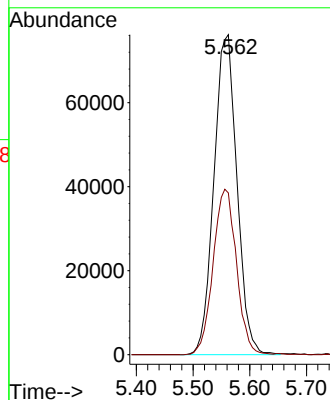
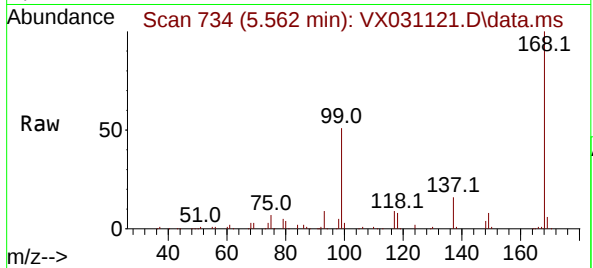




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031121.D
Acq: 04 Sep 2022 07:05

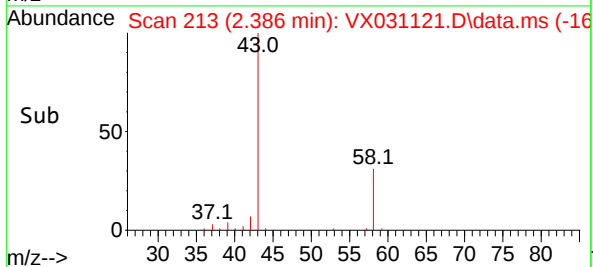
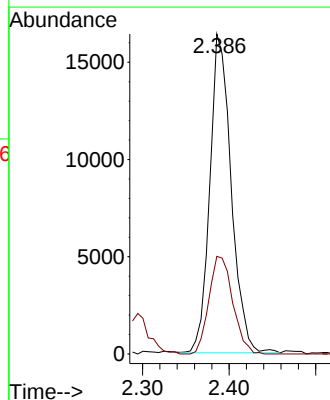
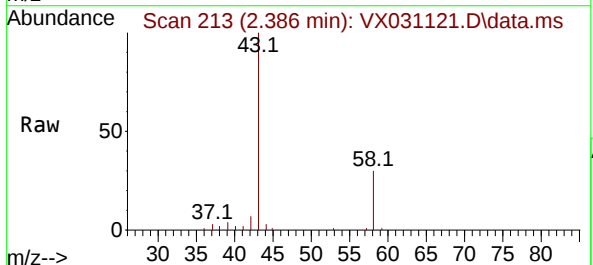
Instrument :
MSVOA_X
ClientSampleId :
SB-14

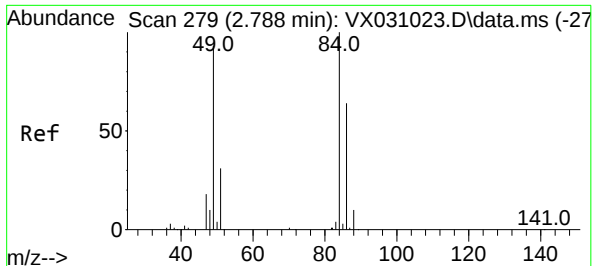
Tgt Ion:168 Resp: 214862
Ion Ratio Lower Upper
168 100
99 50.6 44.0 66.0



#16
Acetone
Concen: 26.352 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031121.D
Acq: 04 Sep 2022 07:05

Tgt Ion: 43 Resp: 28125
Ion Ratio Lower Upper
43 100
58 30.6 27.7 41.5

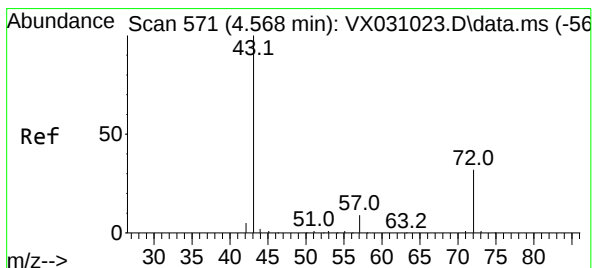
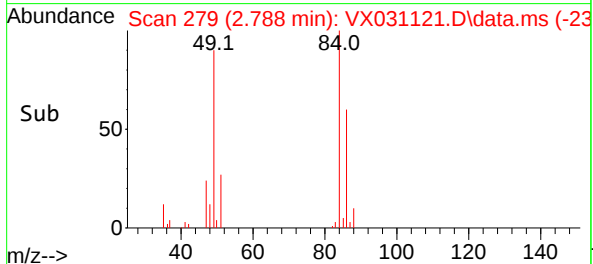
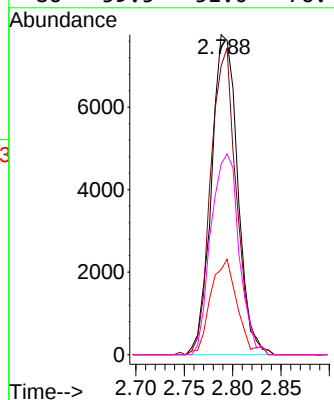
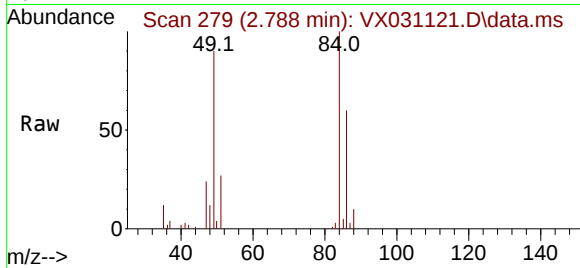




#20
Methylene Chloride
Concen: 3.588 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031121.D
Acq: 04 Sep 2022 07:05

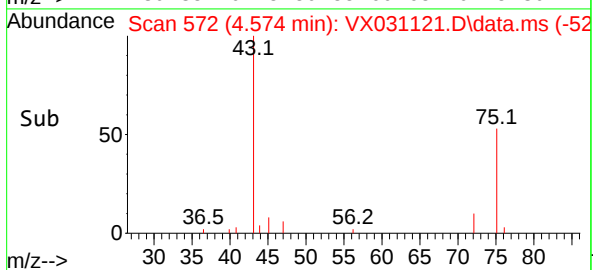
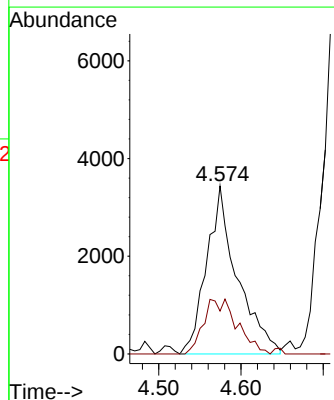
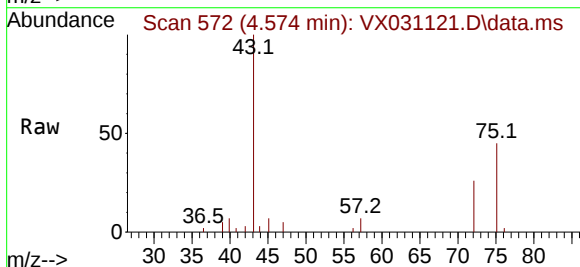
Instrument :
MSVOA_X
ClientSampleId :
SB-14

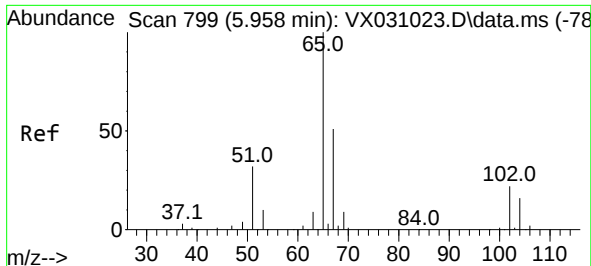
Tgt Ion:	84	Resp:	14600
Ion	Ratio	Lower	Upper
84	100		
49	90.3	93.8	140.6#
51	26.6	29.4	44.0#
86	59.5	51.0	76.4



#25
2-Butanone
Concen: 5.417 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX031121.D
Acq: 04 Sep 2022 07:05

Tgt Ion:	43	Resp:	8925
Ion	Ratio	Lower	Upper
43	100		
72	25.5	21.7	32.5





#33

1,2-Dichloroethane-d4

Concen: 47.443 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX031121.D

Acq: 04 Sep 2022 07:05

Instrument :

MSVOA_X

ClientSampleId :

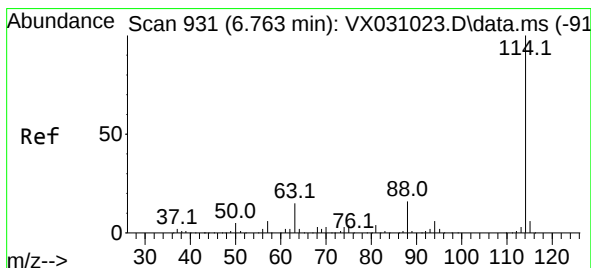
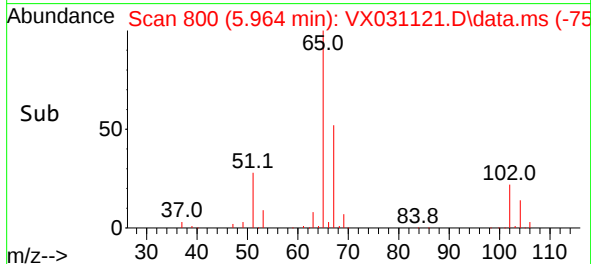
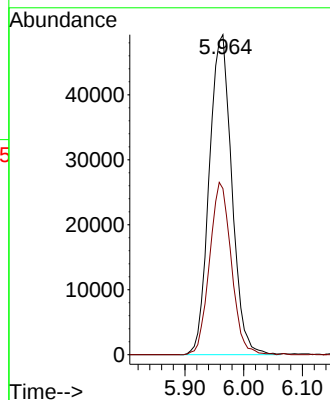
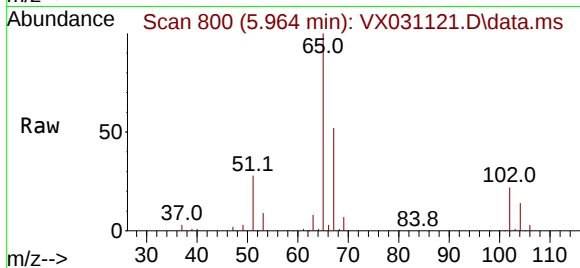
SB-14

Tgt Ion: 65 Resp: 131162

Ion Ratio Lower Upper

65 100

67 51.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX031121.D

Acq: 04 Sep 2022 07:05

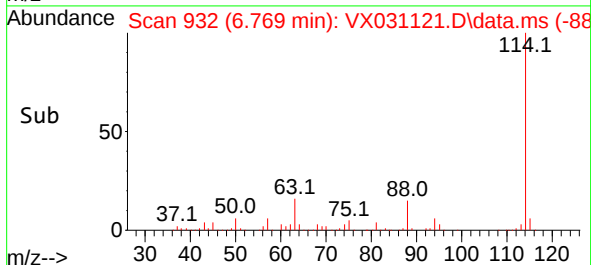
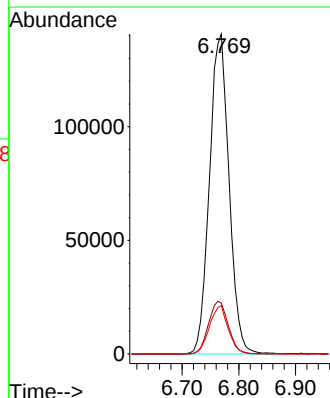
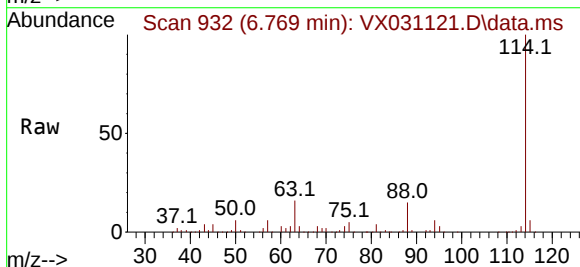
Tgt Ion: 114 Resp: 337201

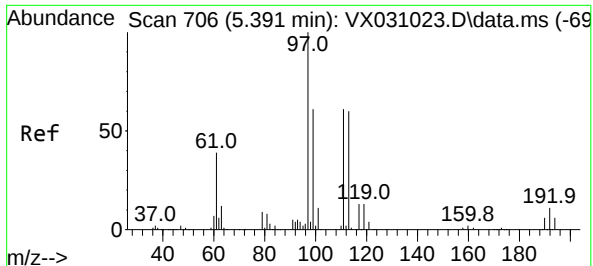
Ion Ratio Lower Upper

114 100

63 15.9 0.0 38.4

88 15.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.988 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031121.D

Acq: 04 Sep 2022 07:05

Instrument :

MSVOA_X

ClientSampleId :

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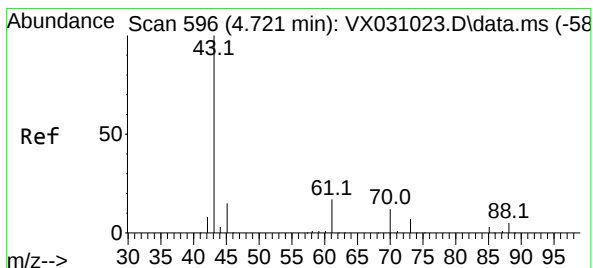
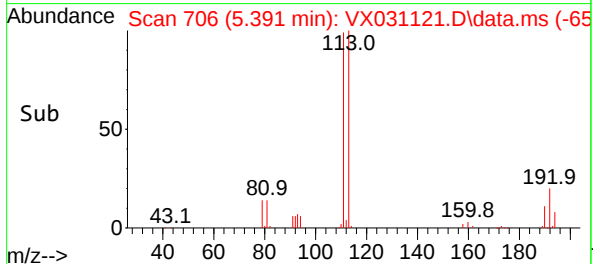
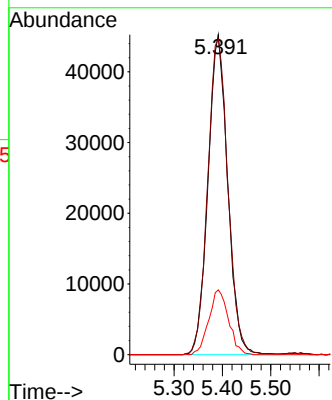
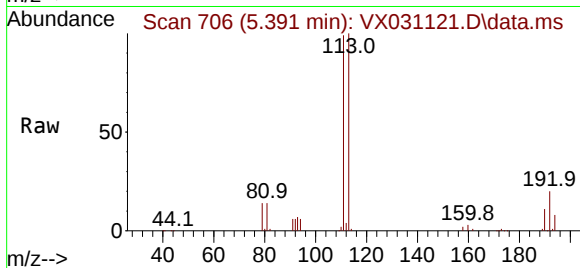
Tgt Ion:113 Resp: 127930

Ion Ratio Lower Upper

113 100

111 101.6 83.2 124.8

192 20.4 14.8 22.2



#37

Ethyl Acetate

Concen: 8.073 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX031121.D

Acq: 04 Sep 2022 07:05

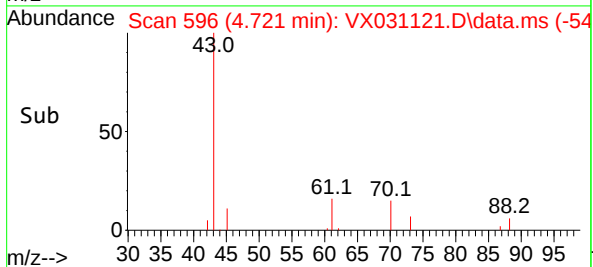
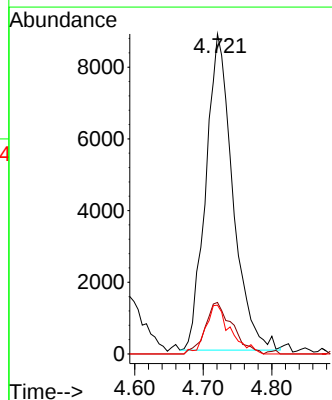
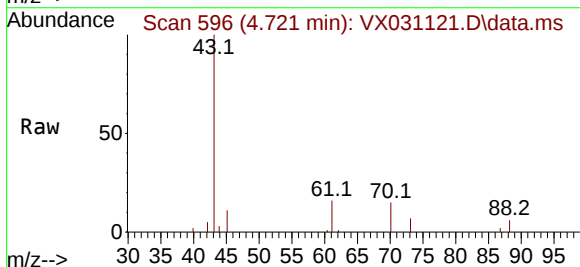
Tgt Ion: 43 Resp: 24178

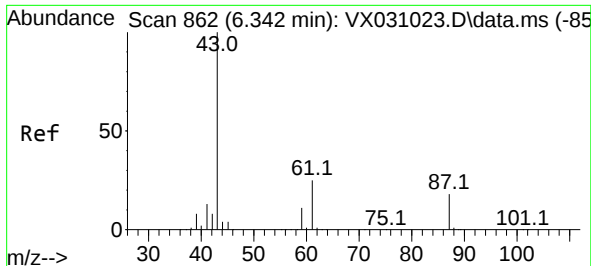
Ion Ratio Lower Upper

43 100

61 16.4 11.7 17.5

70 14.3 9.3 13.9#

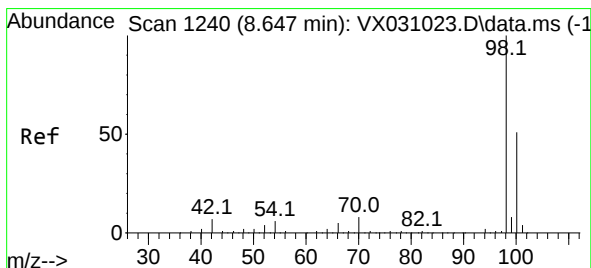
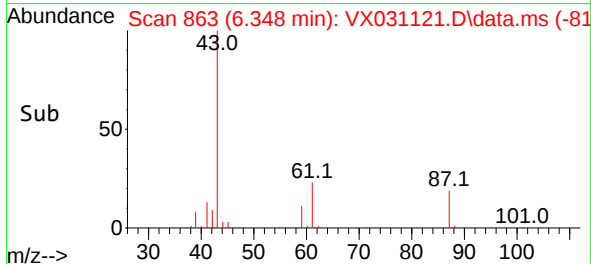
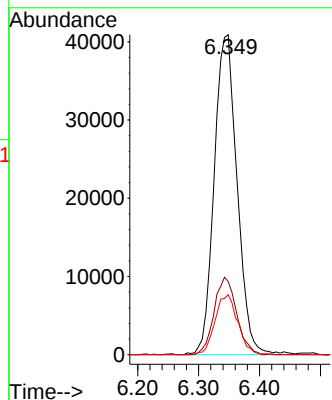
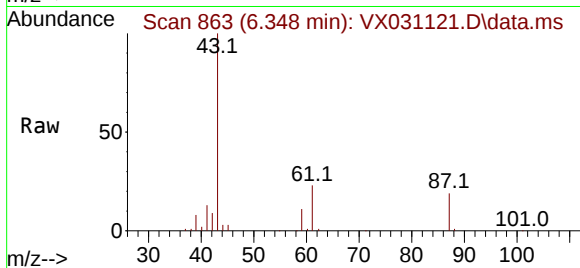




#43
Isopropyl Acetate
Concen: 22.815 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031121.D
Acq: 04 Sep 2022 07:05

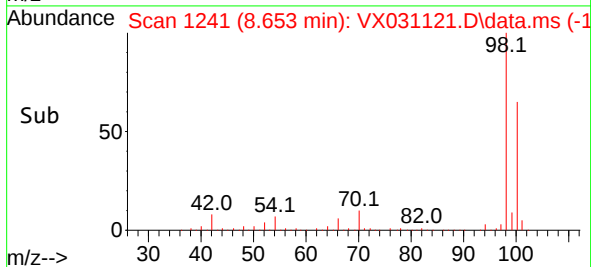
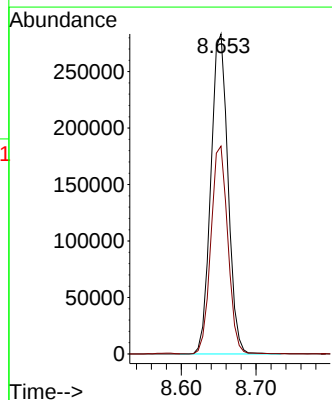
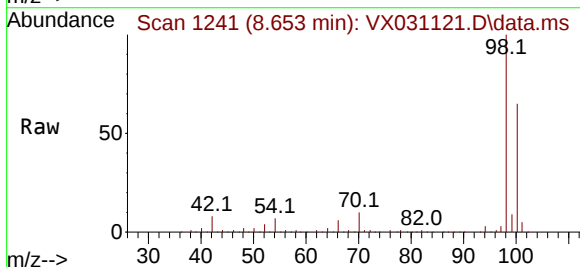
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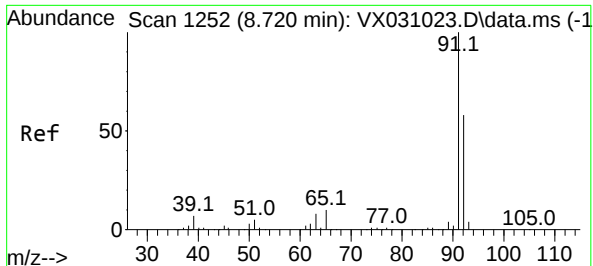
Tgt Ion: 43 Resp: 106787
Ion Ratio Lower Upper
43 100
61 23.7 16.5 24.7
87 18.7 11.1 16.7#



#50
Toluene-d8
Concen: 49.679 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031121.D
Acq: 04 Sep 2022 07:05

Tgt Ion: 98 Resp: 449922
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5

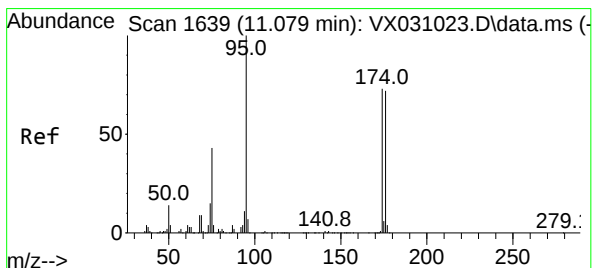
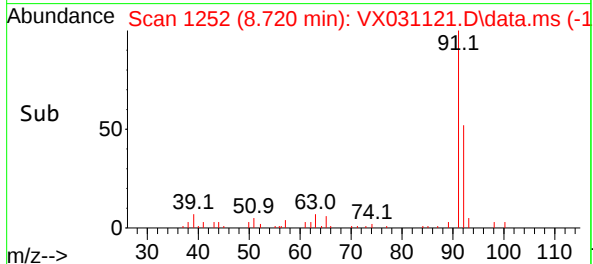
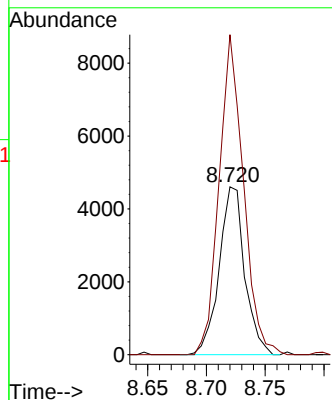
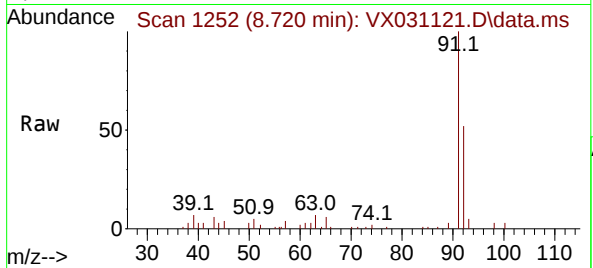




#52
Toluene
Concen: 1.086 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031121.D
Acq: 04 Sep 2022 07:05

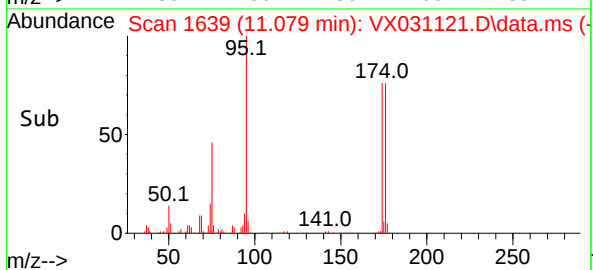
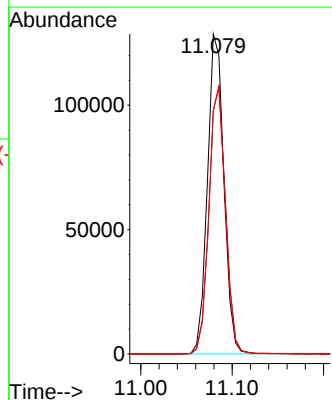
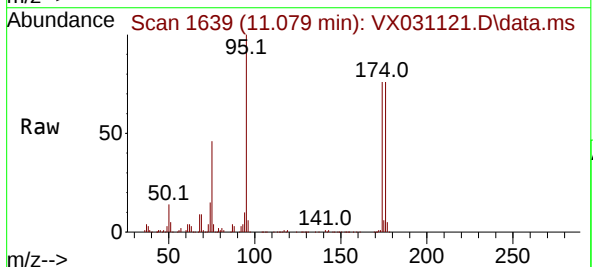
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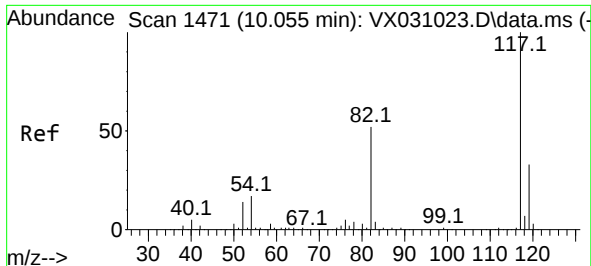
Tgt Ion: 92 Resp: 6969
Ion Ratio Lower Upper
92 100
91 181.4 139.2 208.8



#62
4-Bromofluorobenzene
Concen: 50.392 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX031121.D
Acq: 04 Sep 2022 07:05

Tgt Ion: 95 Resp: 161191
Ion Ratio Lower Upper
95 100
174 84.5 0.0 149.0
176 83.9 0.0 146.0

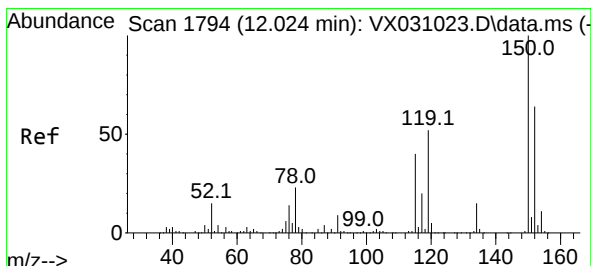
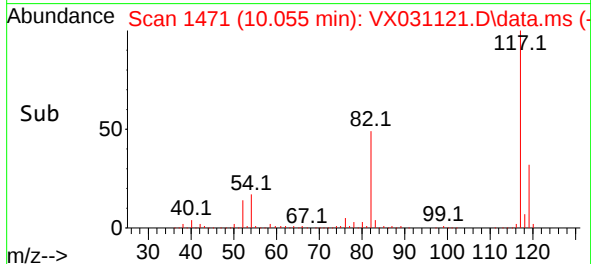
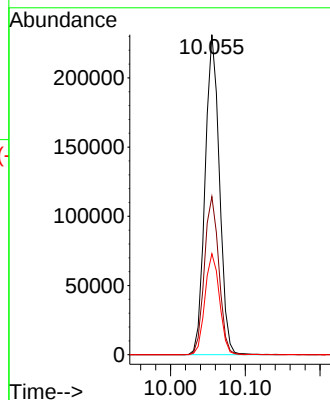
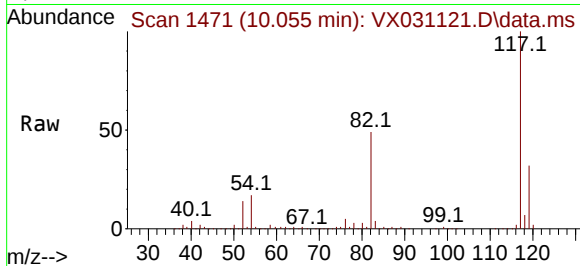




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031121.D
Acq: 04 Sep 2022 07:05

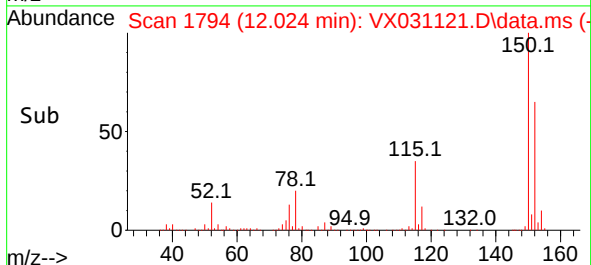
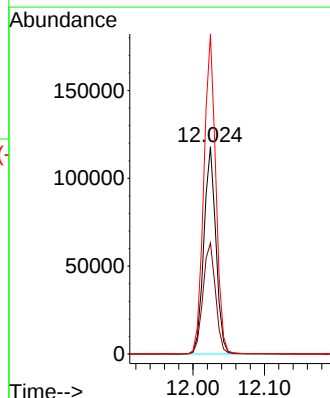
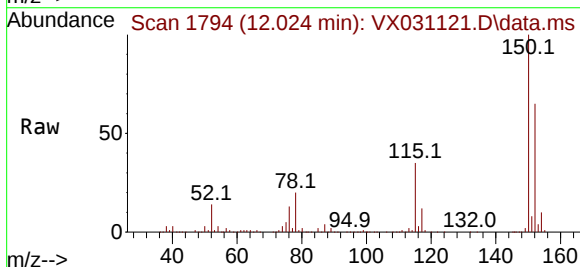
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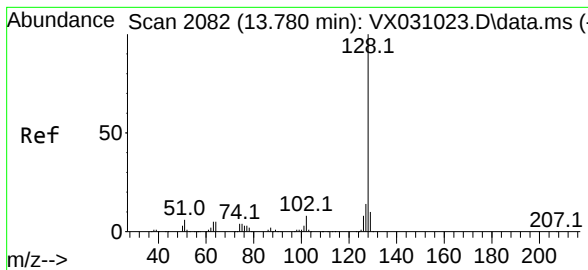
Tgt Ion:117 Resp: 307492
Ion Ratio Lower Upper
117 100
82 49.4 42.7 64.1
119 31.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031121.D
Acq: 04 Sep 2022 07:05

Tgt Ion:152 Resp: 137954
Ion Ratio Lower Upper
152 100
115 56.0 40.5 121.5
150 153.8 0.0 347.0





#95
 Naphthalene
 Concen: 5.953 ug/l
 RT: 13.774 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VX031121.D
 Acq: 04 Sep 2022 07:05

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:	128	Resp:	74437
Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.2	15.2
129	10.7	8.6	13.0

