

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031623\
 Data File : VX034565.D
 Acq On : 17 Mar 2023 05:38
 Operator : JC/MD
 Sample : 01907-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33956

Quant Time: Mar 17 07:53:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

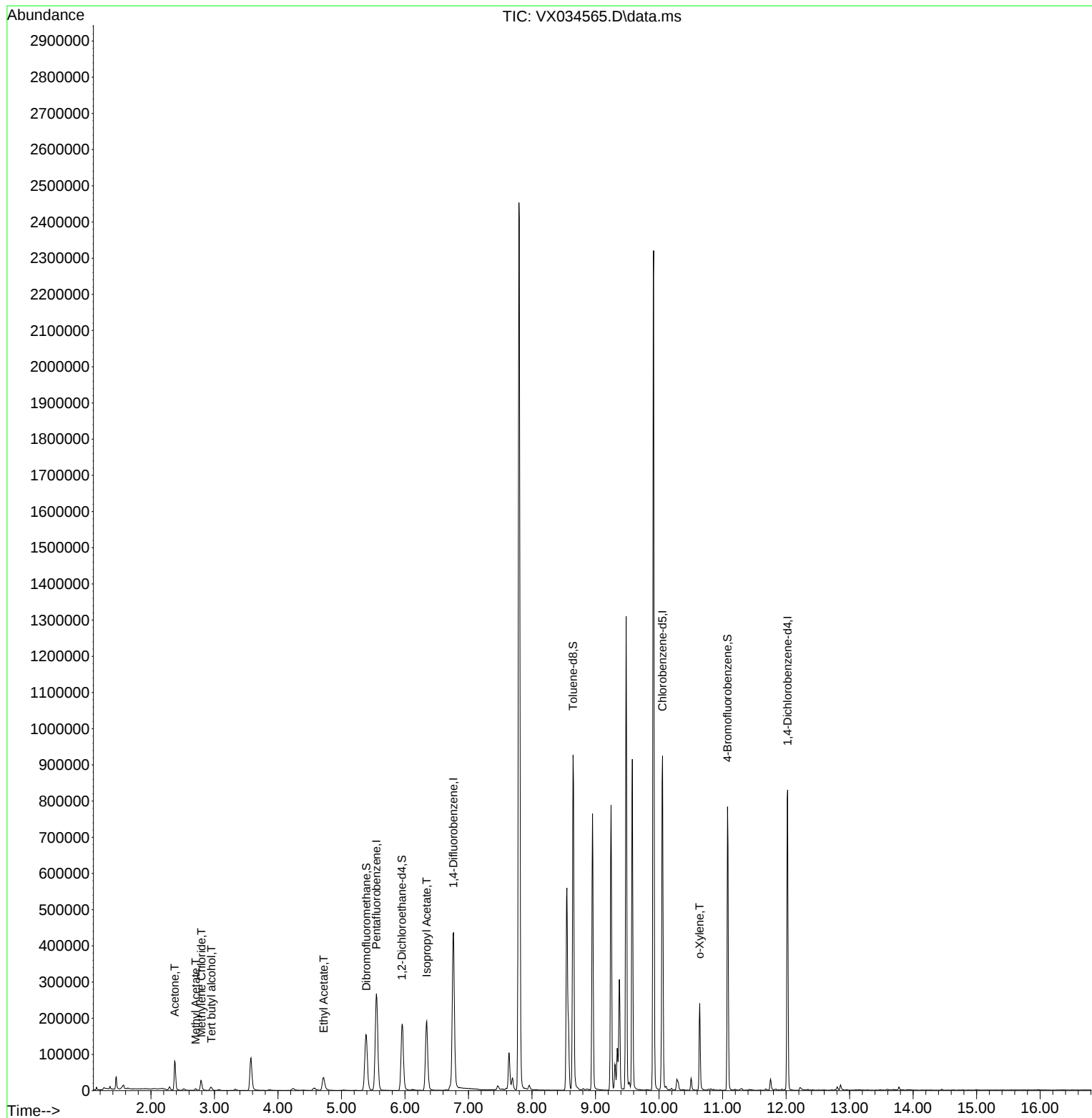
Internal Standards						
1) Pentafluorobenzene	5.550	168	247520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	427581	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	386925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	164679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	174245	48.389	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.780%		
35) Dibromofluoromethane	5.391	113	135347	47.943	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.880%		
50) Toluene-d8	8.647	98	526654	49.973	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.940%		
62) 4-Bromofluorobenzene	11.079	95	201498	47.335	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.660%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	6818	9.092	ug/l #	88
16) Acetone	2.373	43	86221	50.832	ug/l	98
18) Methyl Acetate	2.703	43	5670	1.023	ug/l	97
20) Methylene Chloride	2.794	84	12058	3.663	ug/l	95
37) Ethyl Acetate	4.721	43	66036	13.940	ug/l	98
43) Isopropyl Acetate	6.342	43	265010	33.023	ug/l	99
69) o-Xylene	10.640	106	6810	1.162	ug/l	92

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

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QLast Update : Mon Mar 13 10:29:32 2023
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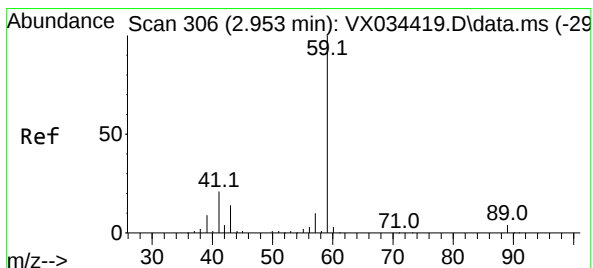
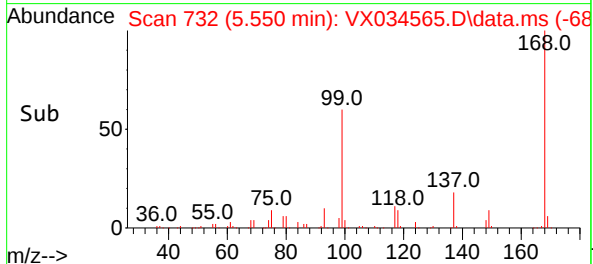
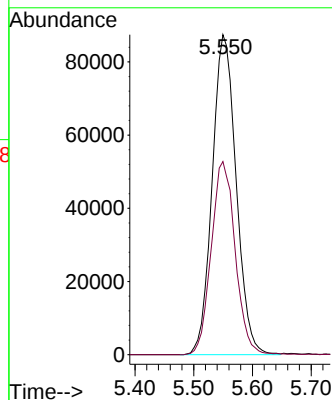
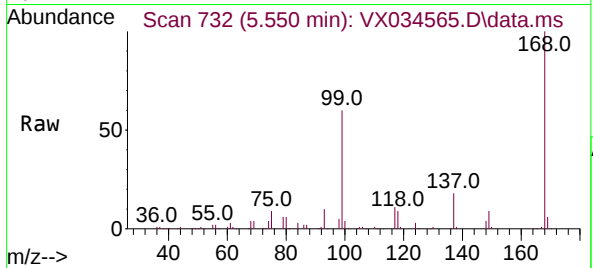




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034565.D
Acq: 17 Mar 2023 05:38

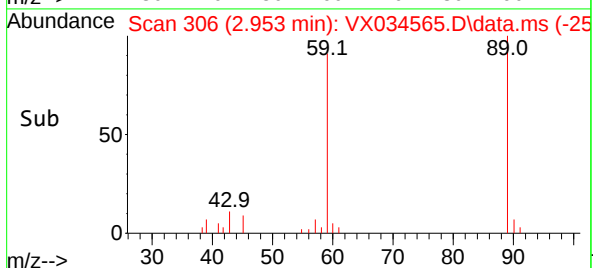
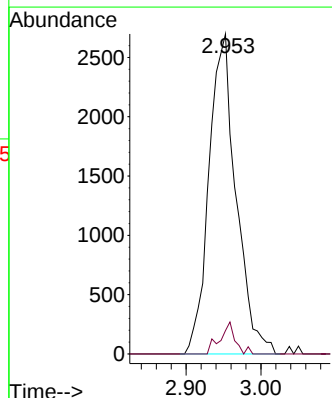
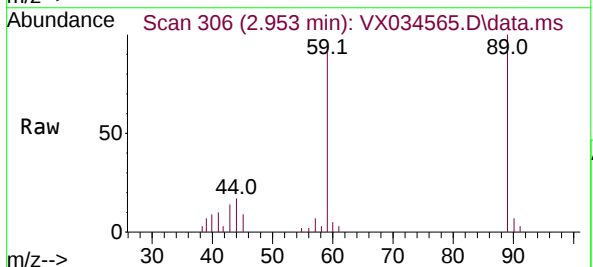
Instrument :
MSVOA_X
ClientSampleId :
33956

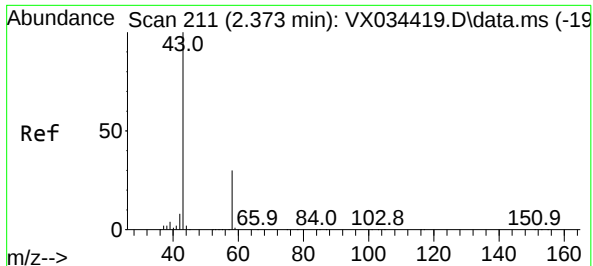
Tgt Ion:168 Resp: 247520
Ion Ratio Lower Upper
168 100
99 60.3 45.7 68.5



#11
Tert butyl alcohol
Concen: 9.092 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.000 min
Lab File: VX034565.D
Acq: 17 Mar 2023 05:38

Tgt Ion: 59 Resp: 6818
Ion Ratio Lower Upper
59 100
57 5.6 8.1 12.1#

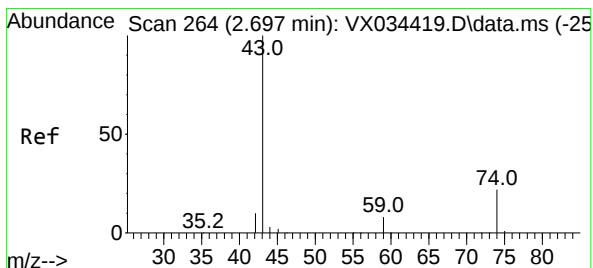
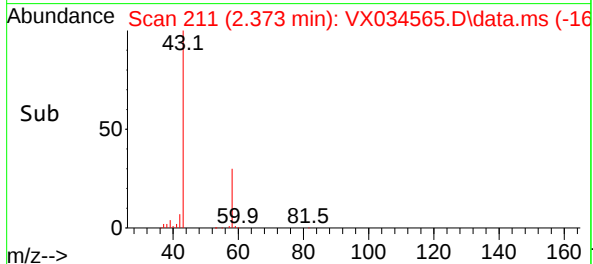
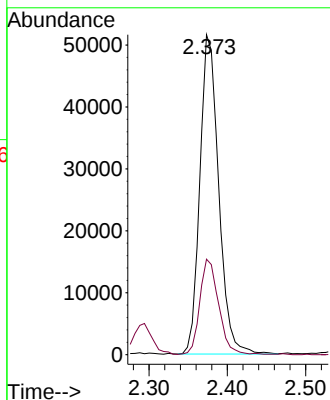
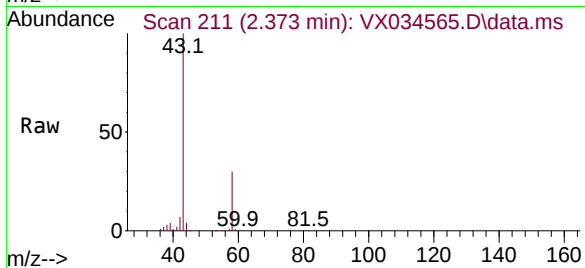




#16
Acetone
Concen: 50.832 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034565.D
Acq: 17 Mar 2023 05:38

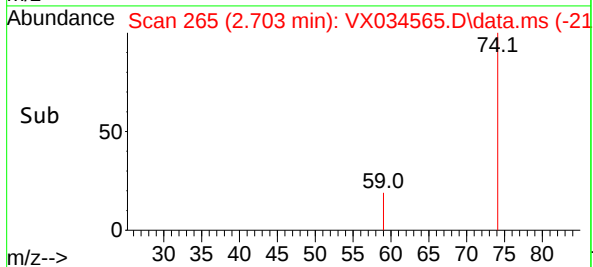
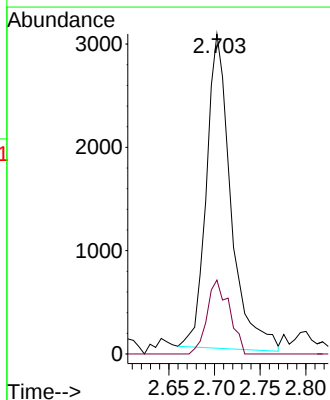
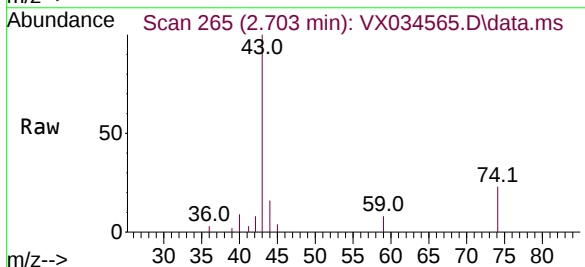
Instrument :
MSVOA_X
ClientSampleId :
33956

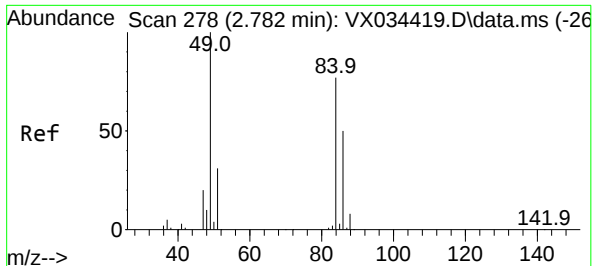
Tgt Ion: 43 Resp: 86221
Ion Ratio Lower Upper
43 100
58 29.8 24.7 37.1



#18
Methyl Acetate
Concen: 1.023 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034565.D
Acq: 17 Mar 2023 05:38

Tgt Ion: 43 Resp: 5670
Ion Ratio Lower Upper
43 100
74 21.4 18.3 27.5

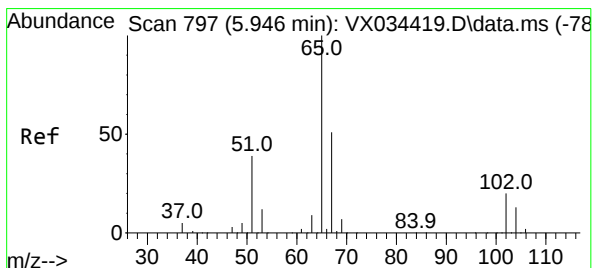
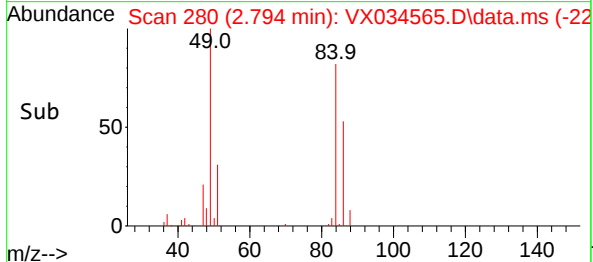
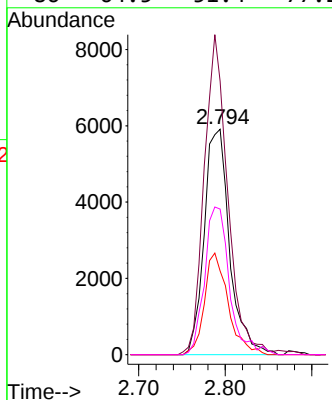
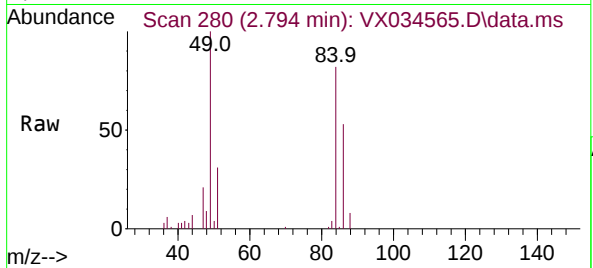




#20
Methylene Chloride
Concen: 3.663 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX034565.D
Acq: 17 Mar 2023 05:38

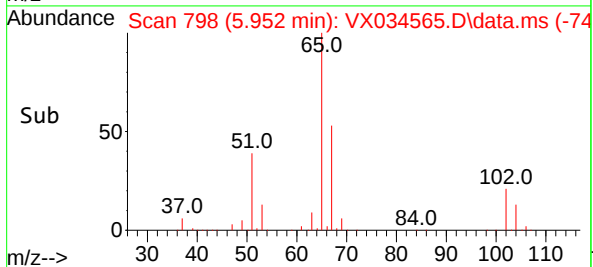
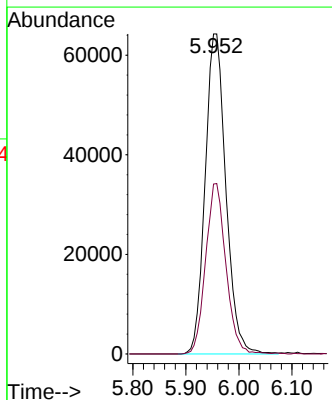
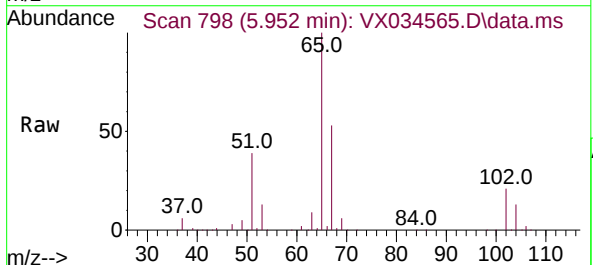
Instrument :
MSVOA_X
ClientSampleId :
33956

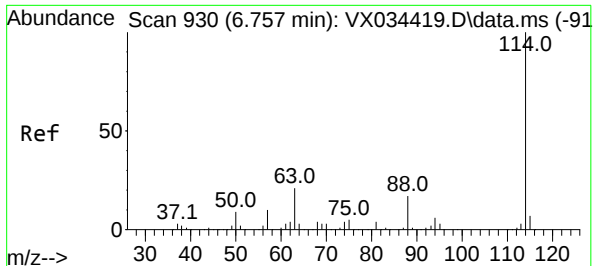
Tgt Ion:	84	Resp:	12058
Ion	Ratio	Lower	Upper
84	100		
49	121.3	103.8	155.8
51	37.1	31.8	47.8
86	64.5	51.4	77.2



#33
1,2-Dichloroethane-d4
Concen: 48.389 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034565.D
Acq: 17 Mar 2023 05:38

Tgt Ion:	65	Resp:	174245
Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX034565.D

Acq: 17 Mar 2023 05:38

Instrument :

MSVOA_X

ClientSampleId :

33956

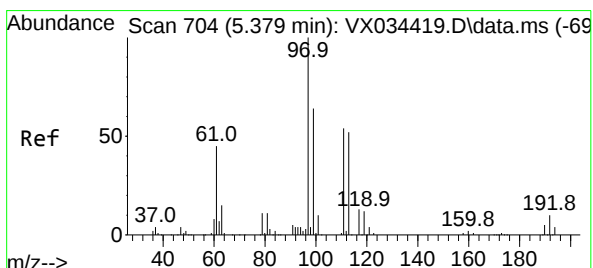
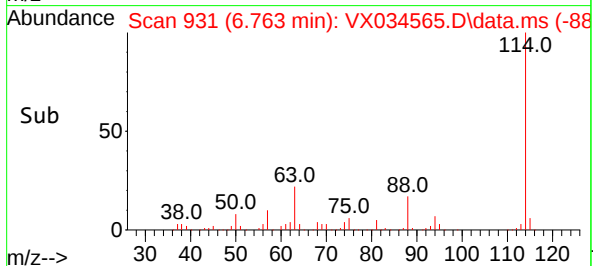
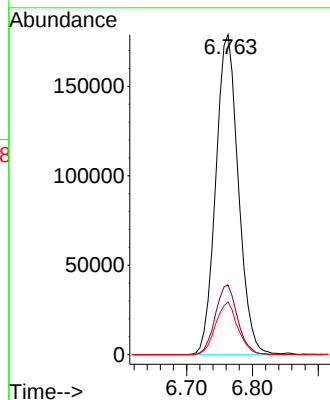
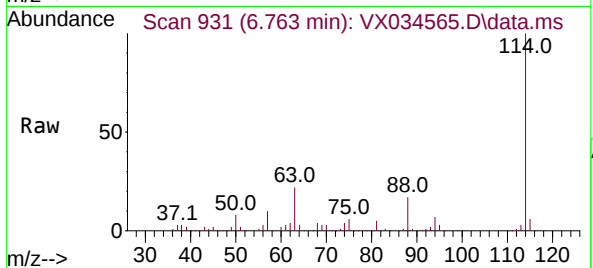
Tgt Ion:114 Resp: 427581

Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.2

88 16.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.943 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.012 min

Lab File: VX034565.D

Acq: 17 Mar 2023 05:38

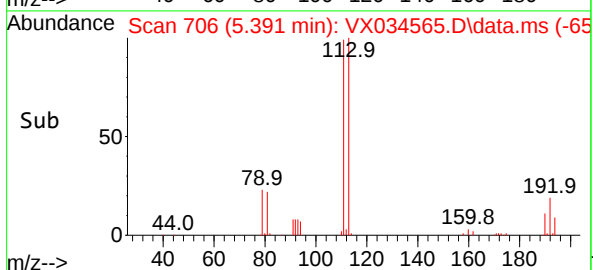
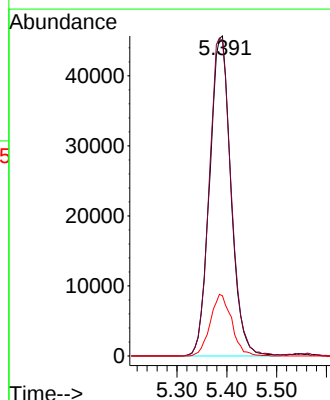
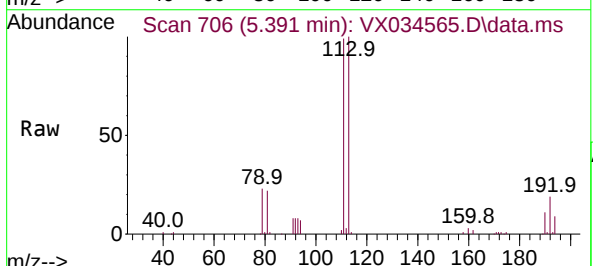
Tgt Ion:113 Resp: 135347

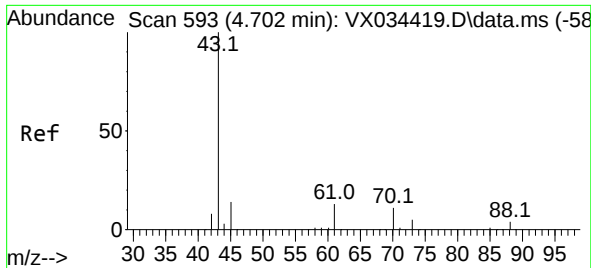
Ion Ratio Lower Upper

113 100

111 101.4 83.7 125.5

192 19.4 15.4 23.2





#37

Ethyl Acetate

Concen: 13.940 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.018 min

Lab File: VX034565.D

Acq: 17 Mar 2023 05:38

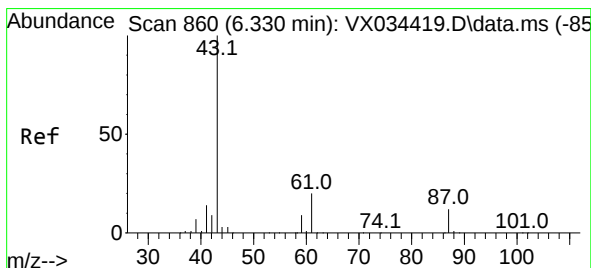
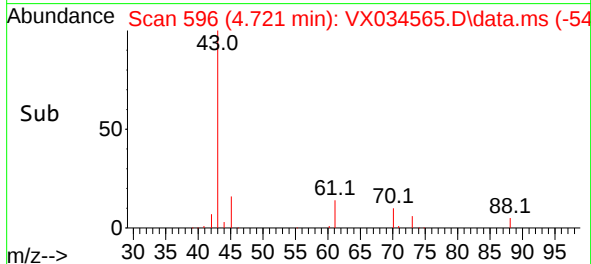
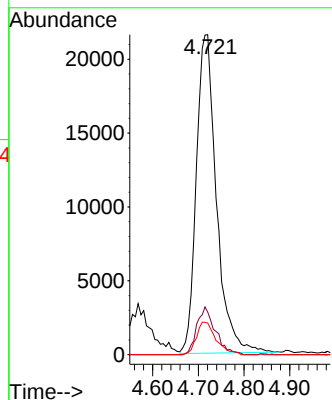
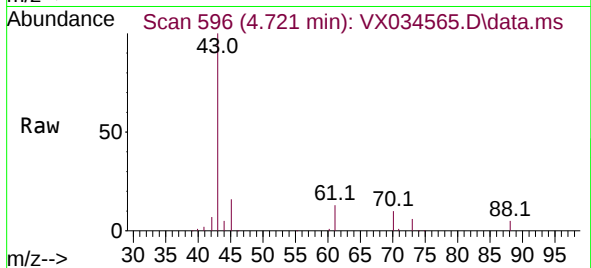
Instrument :

MSVOA_X

ClientSampleId :

33956

Tgt Ion: 43	Resp: 66036
Ion Ratio	Lower Upper
43 100	
61 13.8	10.2 15.4
70 9.9	8.2 12.4



#43

Isopropyl Acetate

Concen: 33.023 ug/l

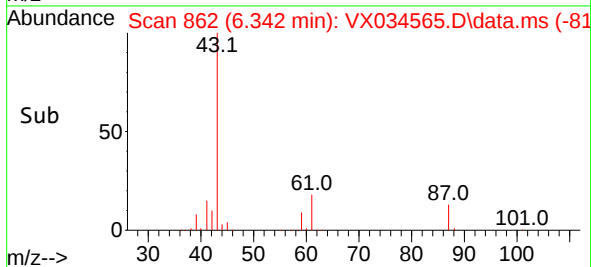
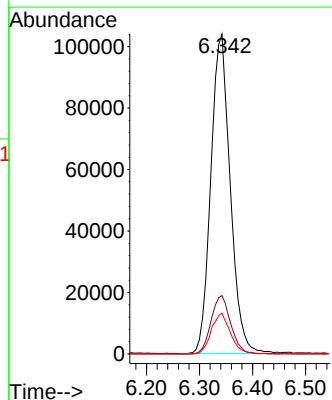
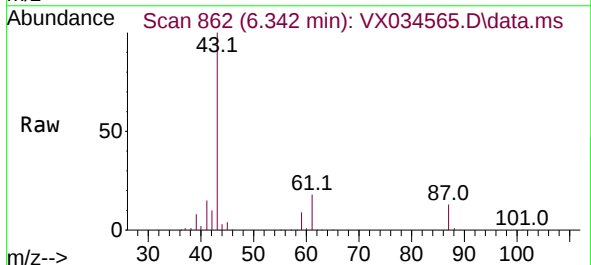
RT: 6.342 min Scan# 862

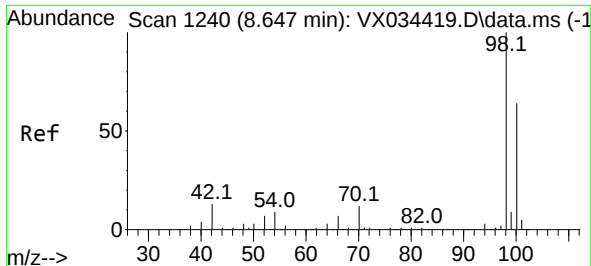
Delta R.T. 0.012 min

Lab File: VX034565.D

Acq: 17 Mar 2023 05:38

Tgt Ion: 43	Resp: 265010
Ion Ratio	Lower Upper
43 100	
61 18.3	15.2 22.8
87 12.5	9.8 14.8

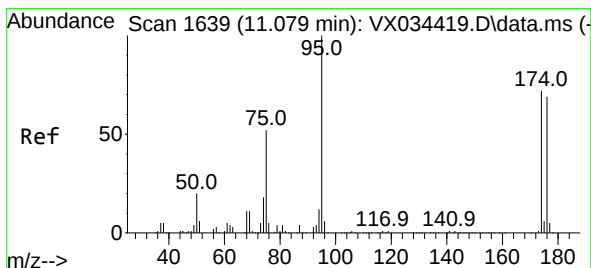
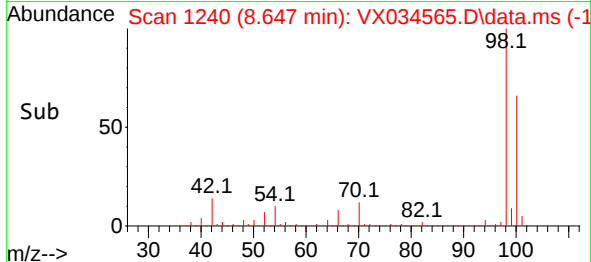
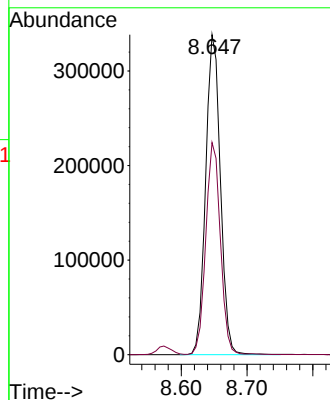
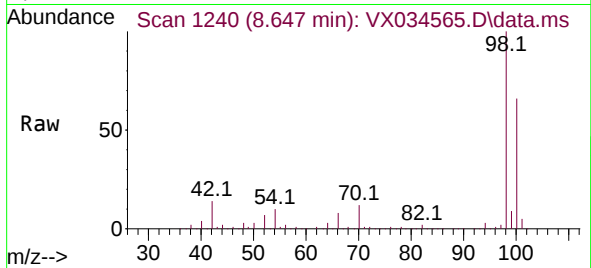




#50
Toluene-d8
Concen: 49.973 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034565.D
Acq: 17 Mar 2023 05:38

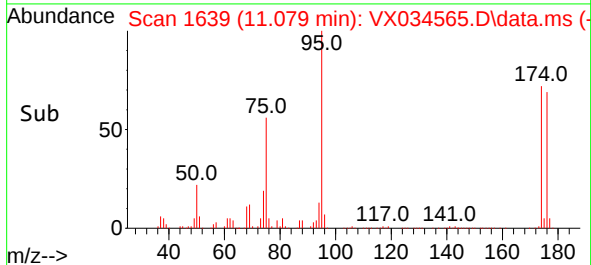
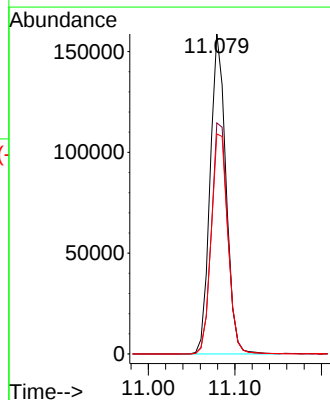
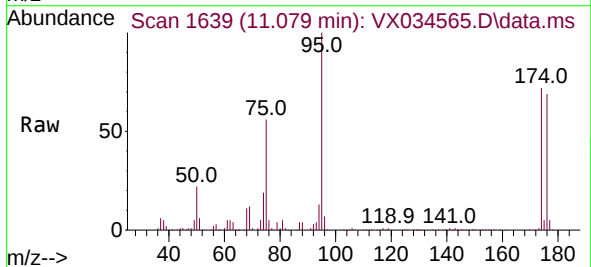
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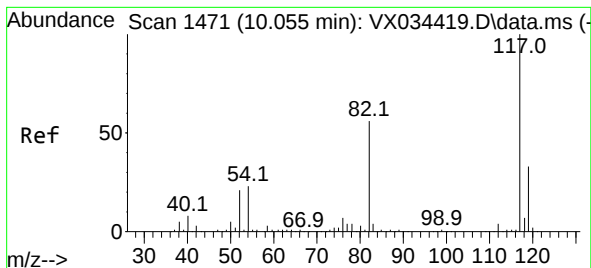
Tgt Ion: 98 Resp: 526654
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 47.335 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034565.D
Acq: 17 Mar 2023 05:38

Tgt Ion: 95 Resp: 201498
Ion Ratio Lower Upper
95 100
174 74.4 0.0 147.4
176 72.3 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX034565.D

Acq: 17 Mar 2023 05:38

Instrument :

MSVOA_X

ClientSampleId :

33956

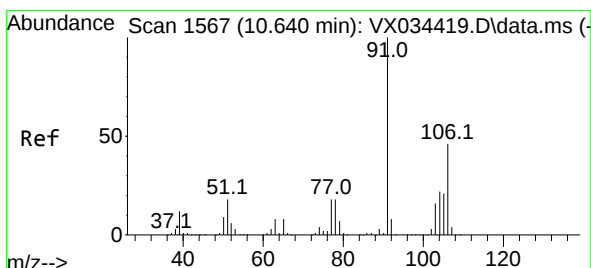
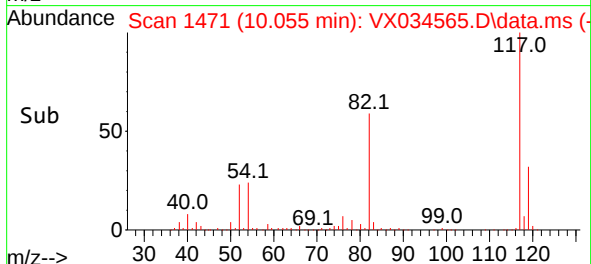
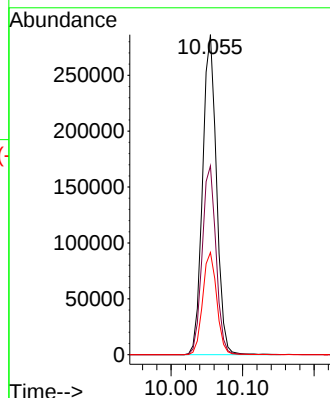
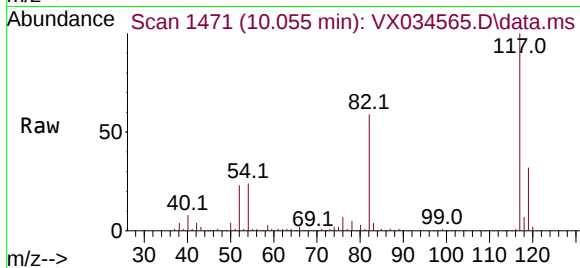
Tgt Ion:117 Resp: 386925

Ion Ratio Lower Upper

117 100

82 59.0 45.0 67.4

119 31.9 26.0 39.0



#69

o-Xylene

Concen: 1.162 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX034565.D

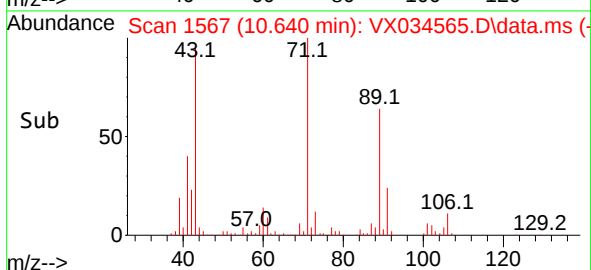
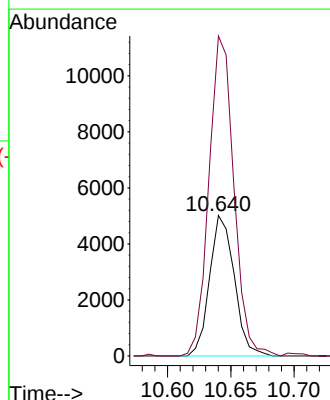
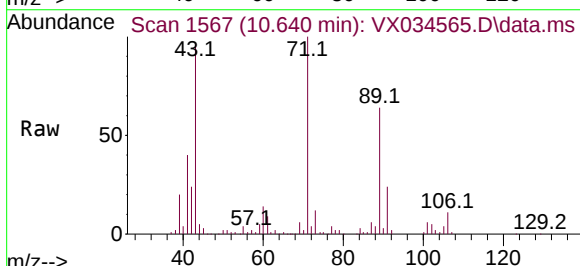
Acq: 17 Mar 2023 05:38

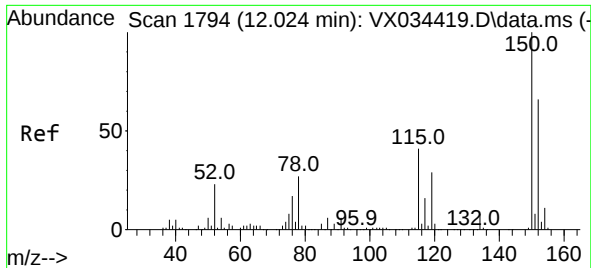
Tgt Ion:106 Resp: 6810

Ion Ratio Lower Upper

106 100

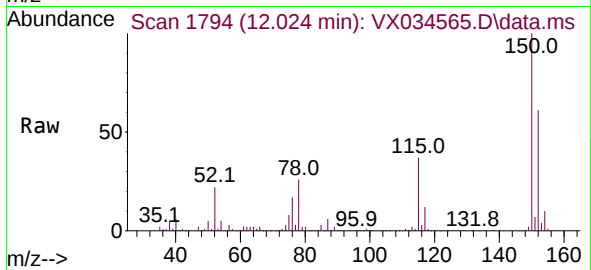
91 229.9 108.5 325.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034565.D
 Acq: 17 Mar 2023 05:38

Instrument :
 MSVOA_X
 ClientSampleId :
 33956



Tgt Ion:152 Resp: 164679
 Ion Ratio Lower Upper
 152 100
 115 61.3 45.0 135.0
 150 159.9 0.0 352.4

