

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030323\
 Data File : VX034322.D
 Acq On : 03 Mar 2023 15:00
 Operator : JC/MD
 Sample : PB151167ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB151167ZHE#04

Quant Time: Mar 03 22:13:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

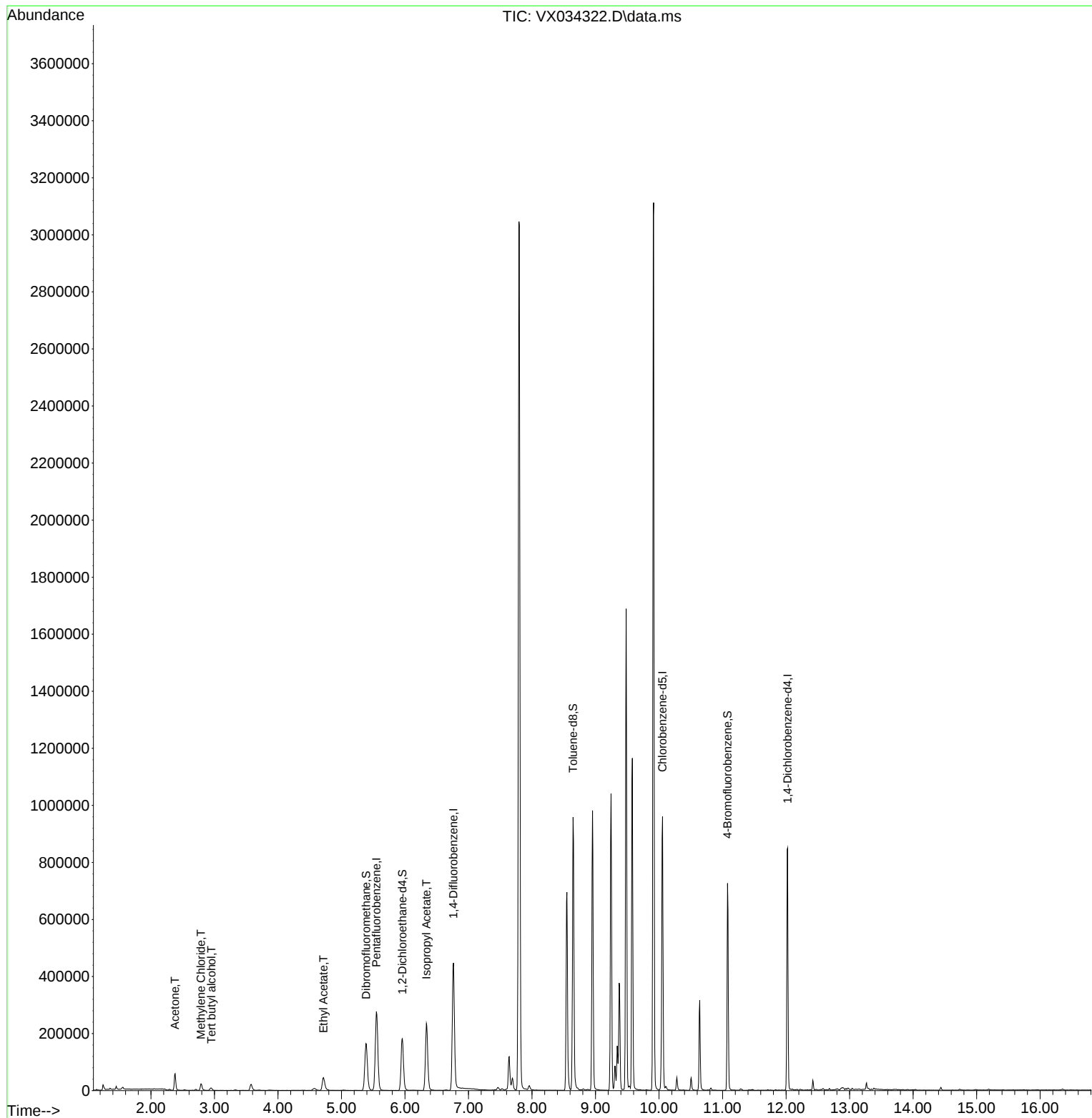
Internal Standards						
1) Pentafluorobenzene	5.550	168	272873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	455017	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	418994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	179536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	168102	45.743	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.480%
35) Dibromofluoromethane	5.385	113	144507	48.777	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.560%
50) Toluene-d8	8.647	98	558045	52.464	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.920%
62) 4-Bromofluorobenzene	11.079	95	192560	47.328	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.660%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	6037	7.345	ug/l #	94
16) Acetone	2.380	43	61327	32.350	ug/l	92
20) Methylene Chloride	2.788	84	11255	3.295	ug/l	95
37) Ethyl Acetate	4.715	43	79588	16.254	ug/l	99
43) Isopropyl Acetate	6.336	43	329940	38.184	ug/l	99

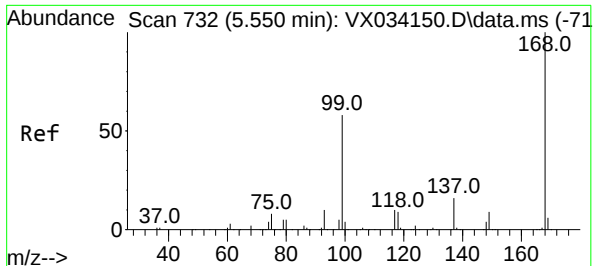
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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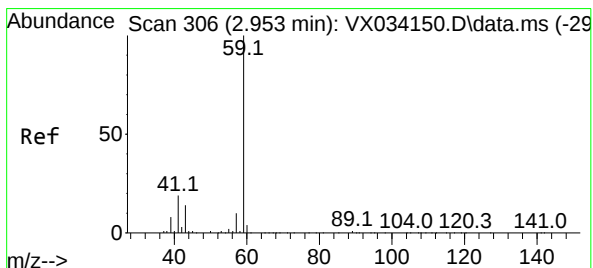
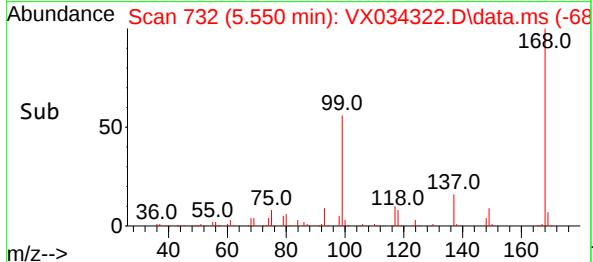
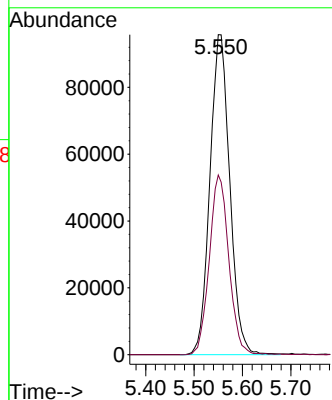
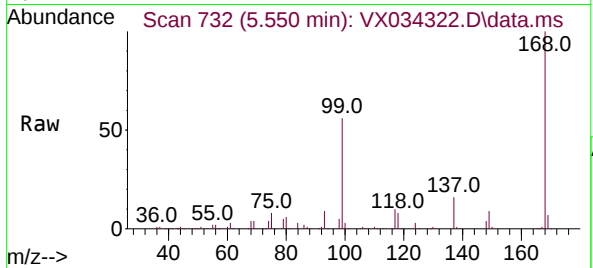




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034322.D
Acq: 03 Mar 2023 15:00

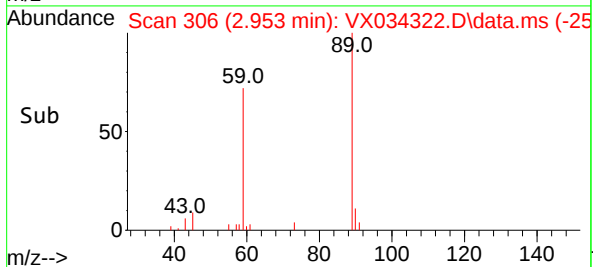
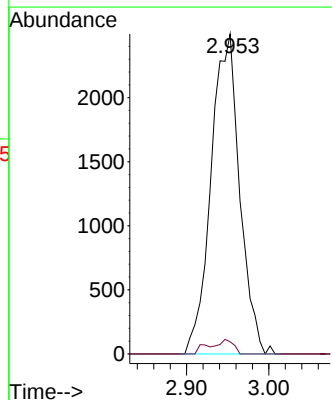
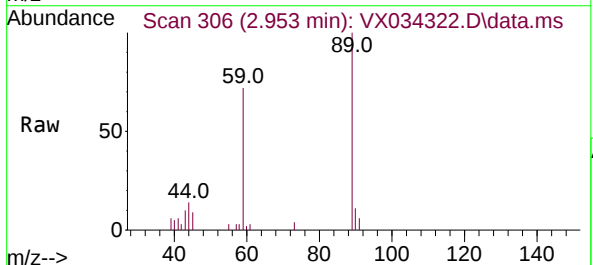
Instrument :
MSVOA_X
ClientSampleId :
PB151167ZHE#04

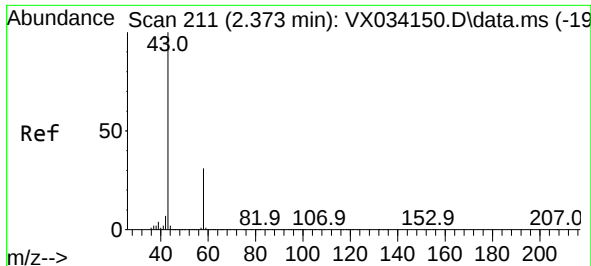
Tgt Ion:168 Resp: 272873
Ion Ratio Lower Upper
168 100
99 56.1 39.6 59.4



#11
Tert butyl alcohol
Concen: 7.345 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX034322.D
Acq: 03 Mar 2023 15:00

Tgt Ion: 59 Resp: 6037
Ion Ratio Lower Upper
59 100
57 2.5 3.7 5.5#

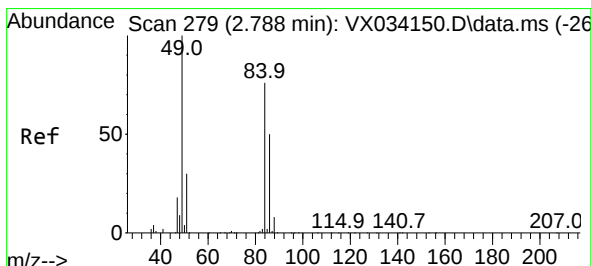
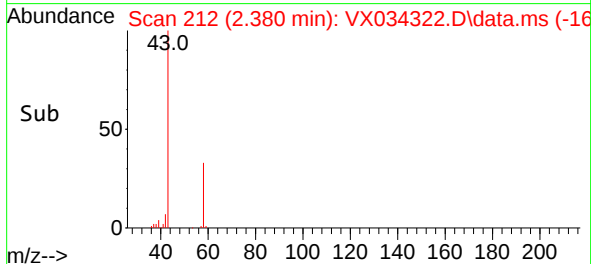
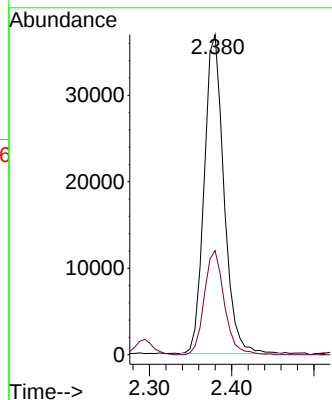
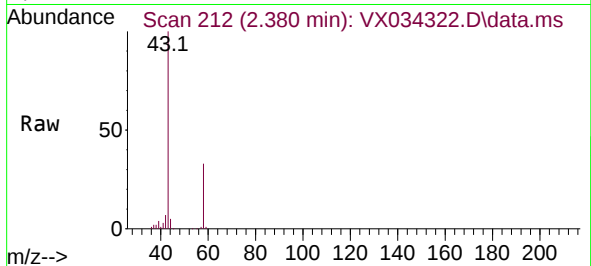




#16
Acetone
Concen: 32.350 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034322.D
Acq: 03 Mar 2023 15:00

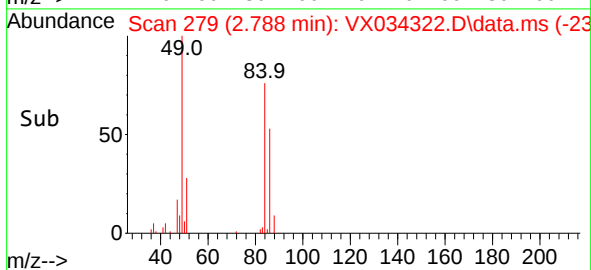
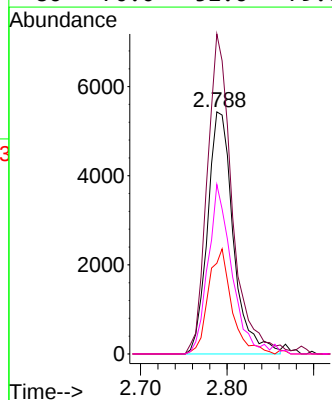
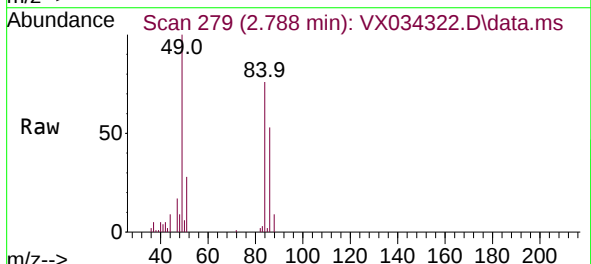
Instrument :
MSVOA_X
ClientSampleId :
PB151167ZHE#04

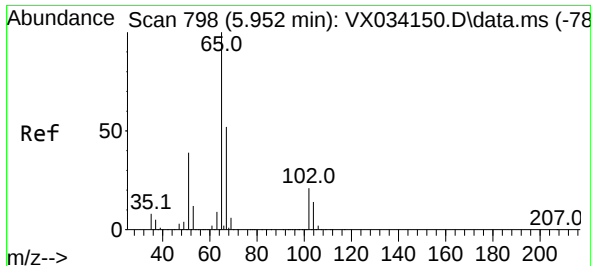
Tgt Ion: 43 Resp: 61327
Ion Ratio Lower Upper
43 100
58 32.6 22.6 33.8



#20
Methylene Chloride
Concen: 3.295 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034322.D
Acq: 03 Mar 2023 15:00

Tgt Ion: 84 Resp: 11255
Ion Ratio Lower Upper
84 100
49 132.2 101.1 151.7
51 37.5 31.0 46.6
86 70.0 52.6 79.0





#33

1,2-Dichloroethane-d4

Concen: 45.743 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034322.D

Acq: 03 Mar 2023 15:00

Instrument :

MSVOA_X

ClientSampleId :

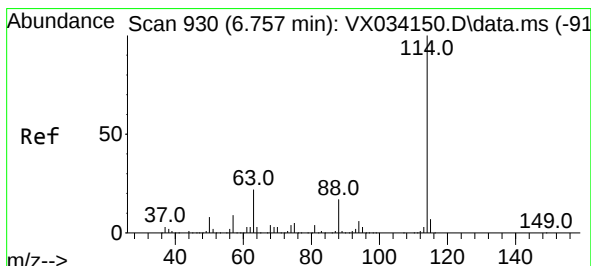
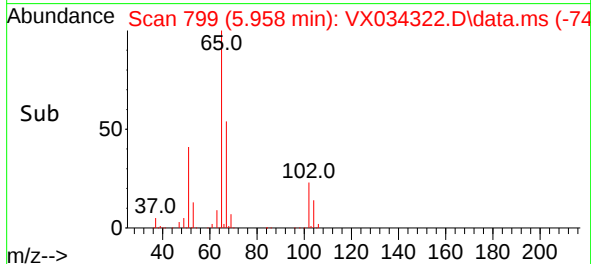
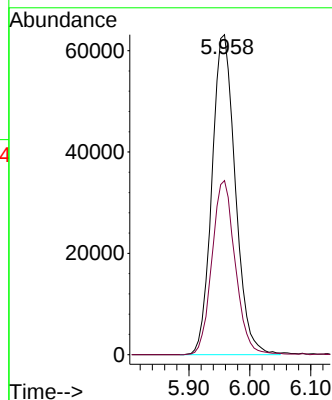
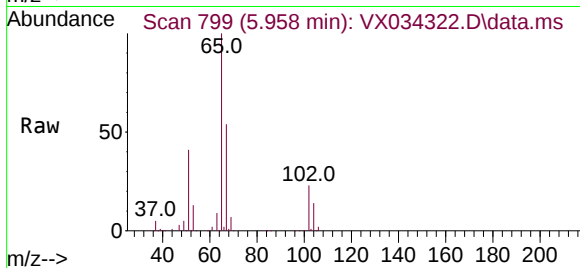
PB151167ZHE#04

Tgt Ion: 65 Resp: 168102

Ion Ratio Lower Upper

65 100

67 54.2 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034322.D

Acq: 03 Mar 2023 15:00

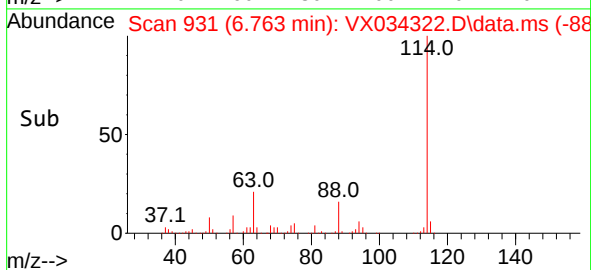
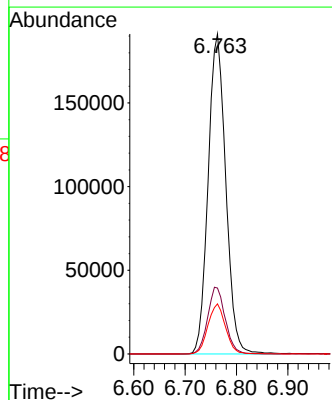
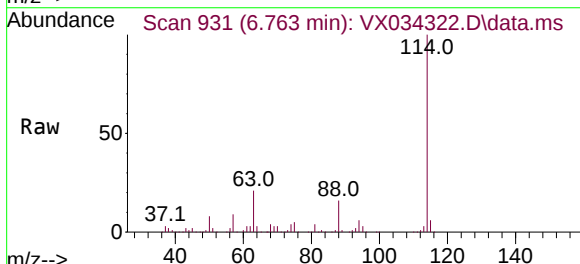
Tgt Ion: 114 Resp: 455017

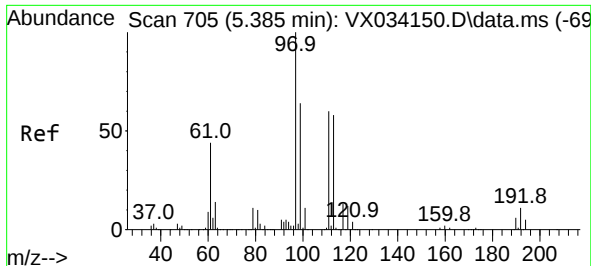
Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.4

88 15.7 0.0 30.6

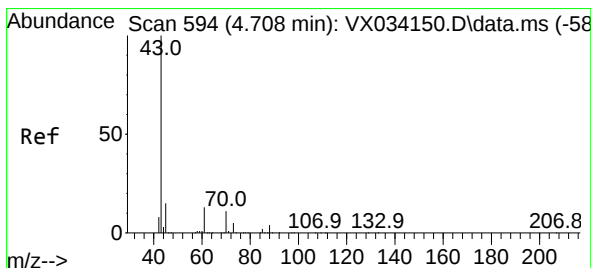
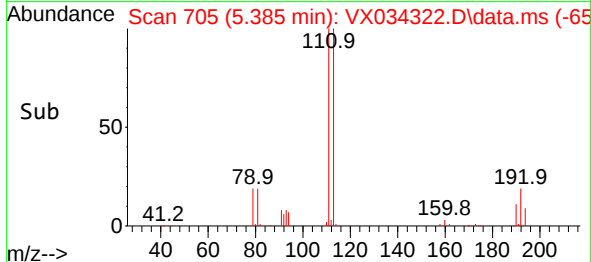
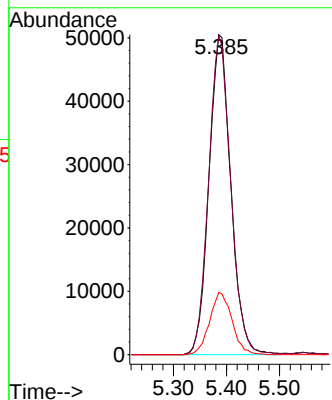
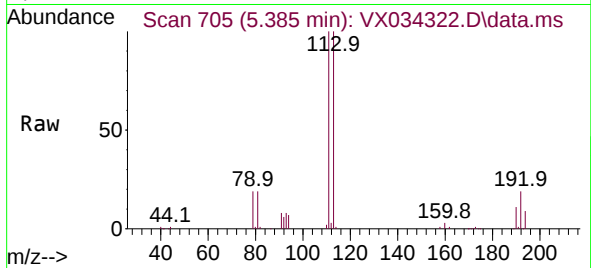




#35
 Dibromofluoromethane
 Concen: 48.777 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX034322.D
 Acq: 03 Mar 2023 15:00

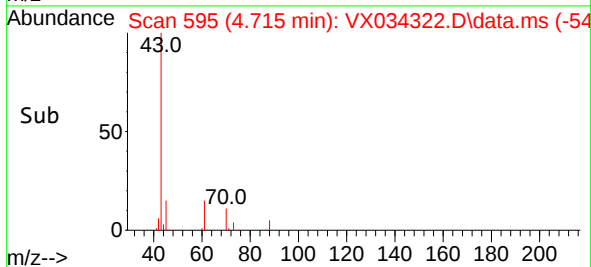
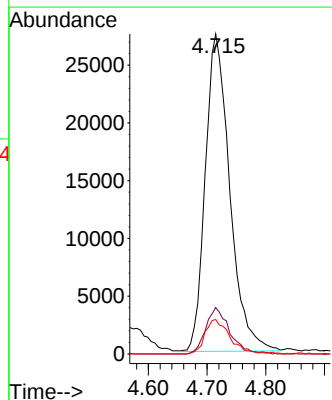
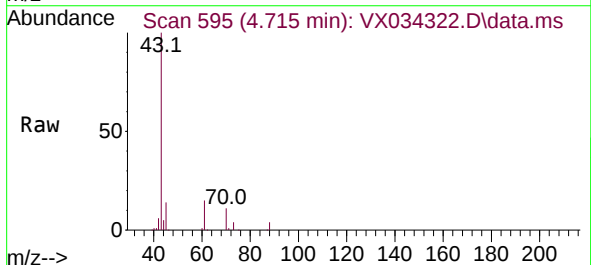
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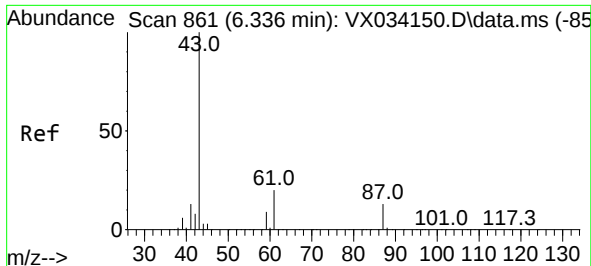
Tgt Ion:113 Resp: 144507
 Ion Ratio Lower Upper
 113 100
 111 101.1 83.0 124.6
 192 19.9 19.0 28.4



#37
 Ethyl Acetate
 Concen: 16.254 ug/l
 RT: 4.715 min Scan# 595
 Delta R.T. 0.006 min
 Lab File: VX034322.D
 Acq: 03 Mar 2023 15:00

Tgt Ion: 43 Resp: 79588
 Ion Ratio Lower Upper
 43 100
 61 14.3 11.1 16.7
 70 11.0 8.5 12.7

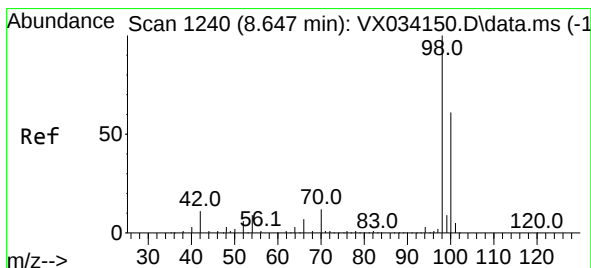
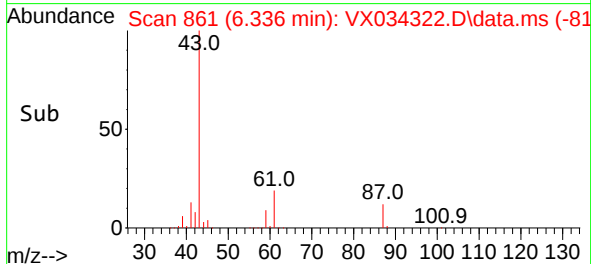
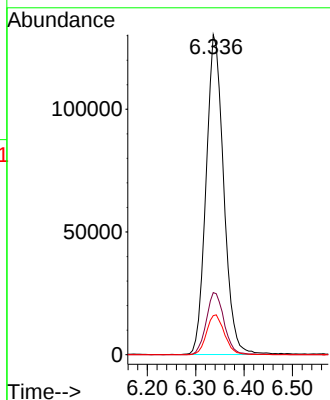
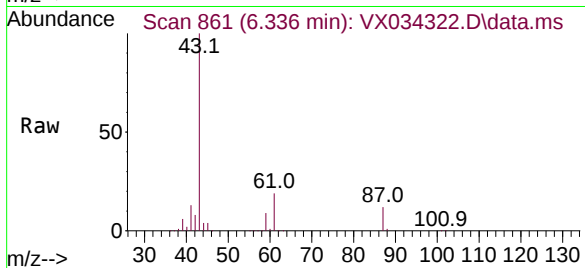




#43
Isopropyl Acetate
Concen: 38.184 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034322.D
Acq: 03 Mar 2023 15:00

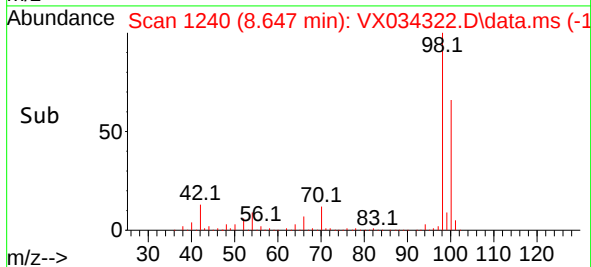
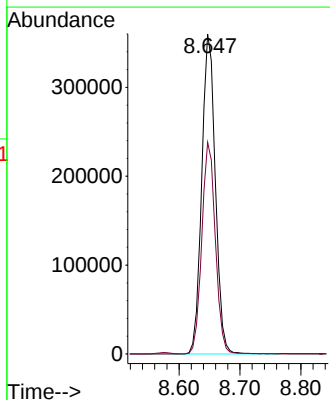
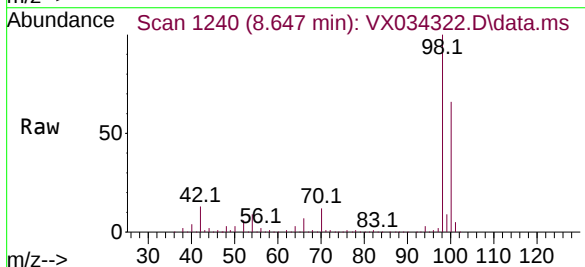
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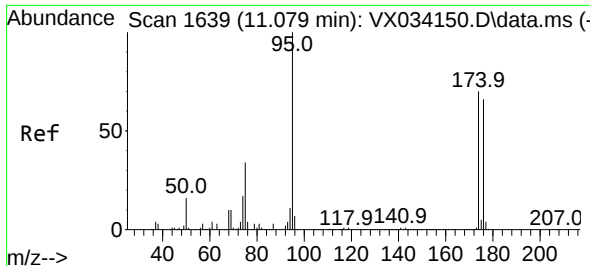
Tgt Ion: 43 Resp: 329940
Ion Ratio Lower Upper
43 100
61 19.7 15.7 23.5
87 12.6 10.6 15.8



#50
Toluene-d8
Concen: 52.464 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034322.D
Acq: 03 Mar 2023 15:00

Tgt Ion: 98 Resp: 558045
Ion Ratio Lower Upper
98 100
100 66.2 53.6 80.4

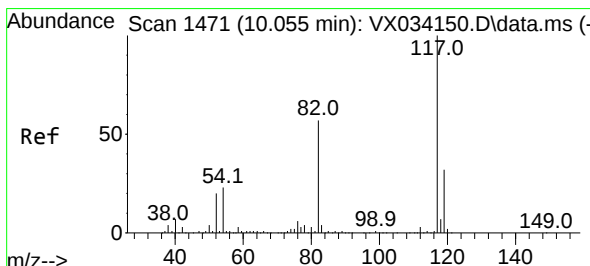
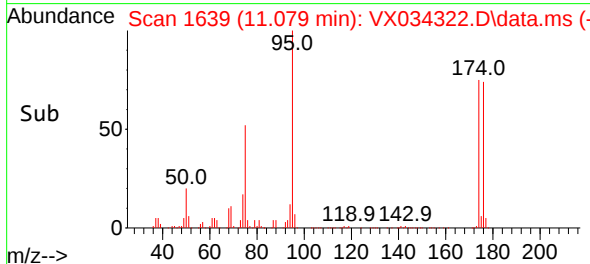
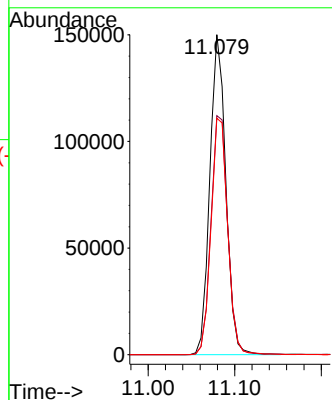
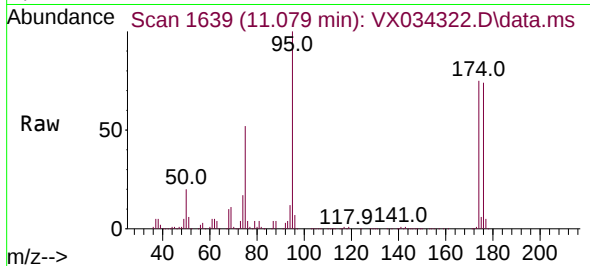




#62
4-Bromofluorobenzene
Concen: 47.328 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034322.D
Acq: 03 Mar 2023 15:00

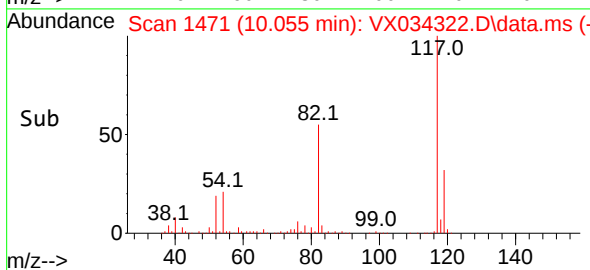
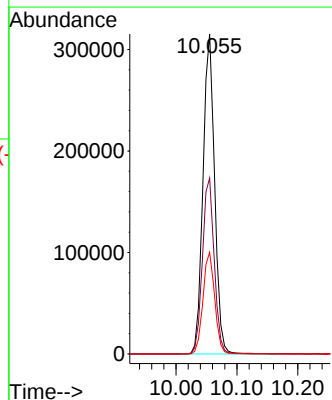
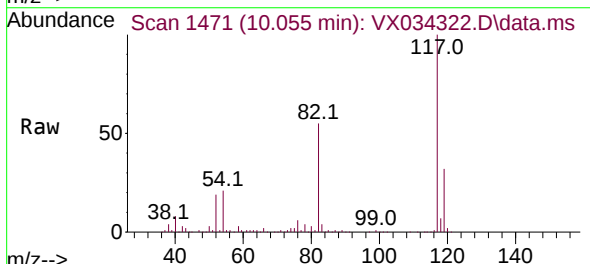
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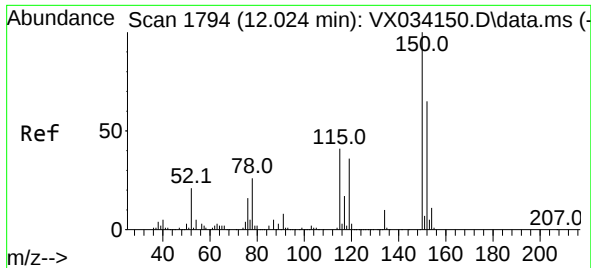
Tgt Ion: 95 Resp: 192560
Ion Ratio Lower Upper
95 100
174 78.0 0.0 184.4
176 76.9 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034322.D
Acq: 03 Mar 2023 15:00

Tgt Ion: 117 Resp: 418994
Ion Ratio Lower Upper
117 100
82 55.0 40.6 60.8
119 31.8 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034322.D

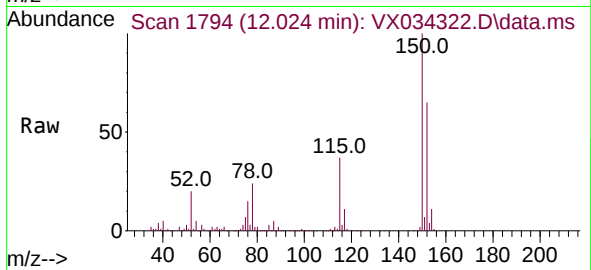
Acq: 03 Mar 2023 15:00

Instrument :

MSVOA_X

ClientSampleId :

PB151167ZHE#04



Tgt Ion:152 Resp: 179536

Ion Ratio Lower Upper

152 100

115 57.7 38.7 116.1

150 155.6 0.0 348.2

