

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030323\
 Data File : VX034324.D
 Acq On : 03 Mar 2023 15:47
 Operator : JC/MD
 Sample : PB151167ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB151167ZHE#02

Quant Time: Mar 03 22:14:01 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)

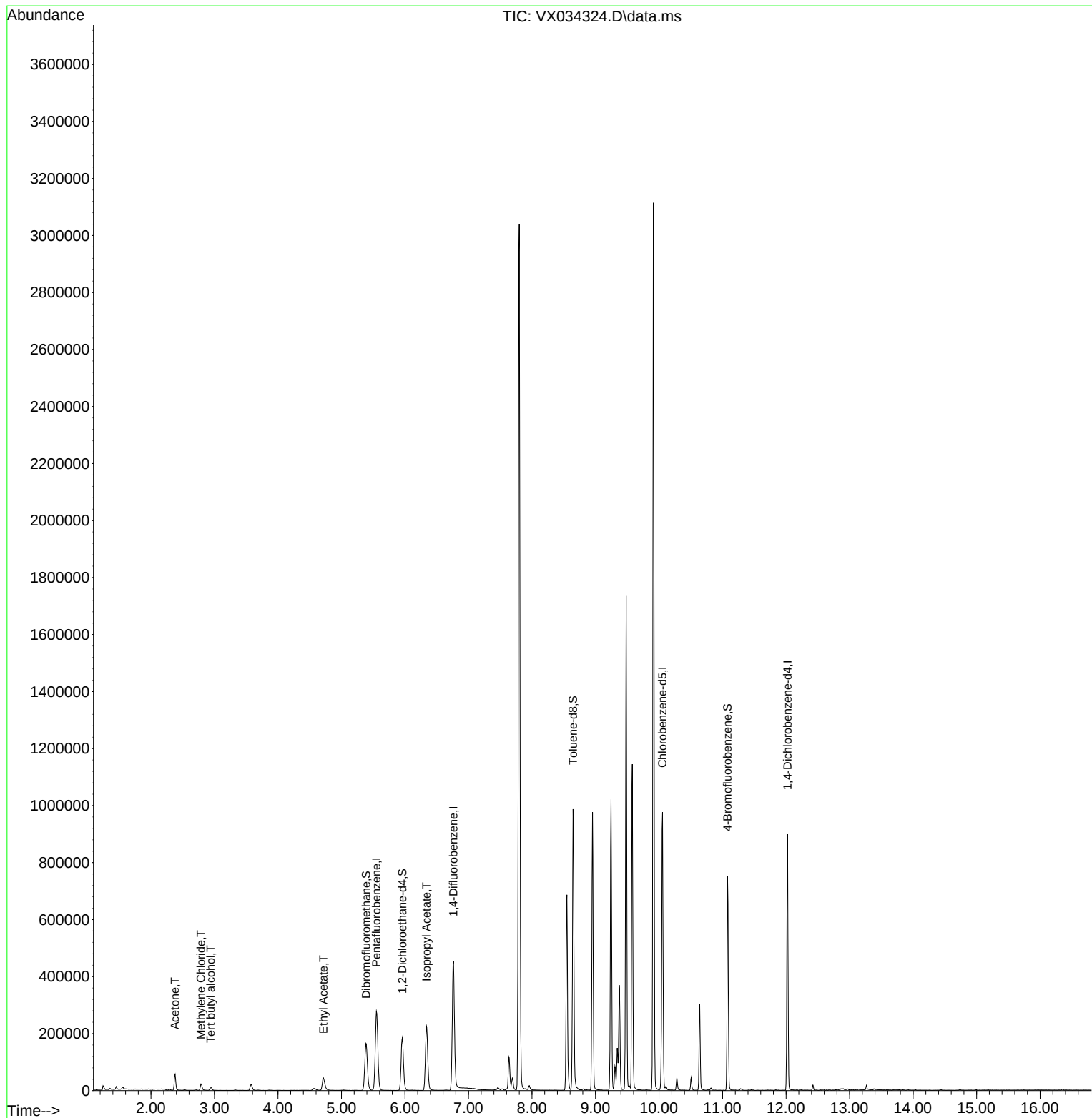
Internal Standards						
1) Pentafluorobenzene	5.550	168	275307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	462452	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	431438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	192502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	170229	45.912	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.820%
35) Dibromofluoromethane	5.385	113	144936	48.135	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.280%
50) Toluene-d8	8.647	98	566921	52.441	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.880%
62) 4-Bromofluorobenzene	11.079	95	199269	48.190	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.380%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	6519	7.861	ug/l #	91
16) Acetone	2.380	43	61129	31.961	ug/l	100
20) Methylene Chloride	2.788	84	11644	3.379	ug/l	97
37) Ethyl Acetate	4.714	43	79086	15.891	ug/l	99
43) Isopropyl Acetate	6.336	43	323383	36.823	ug/l	99

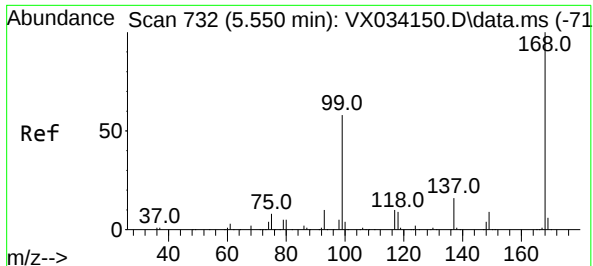
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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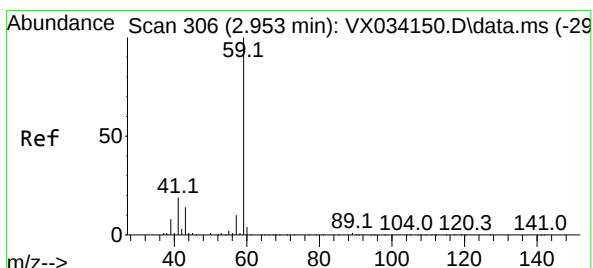
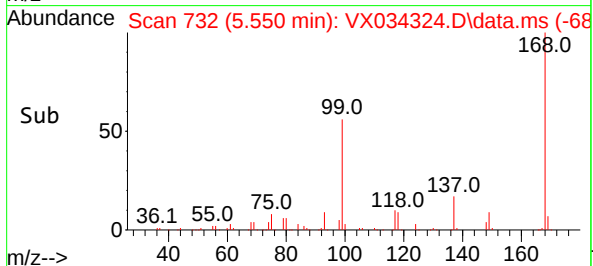
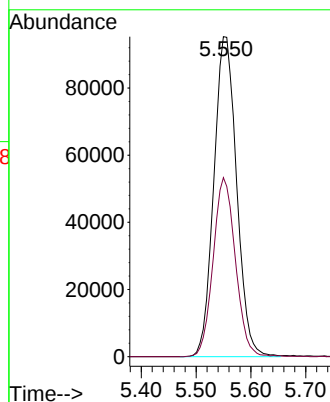
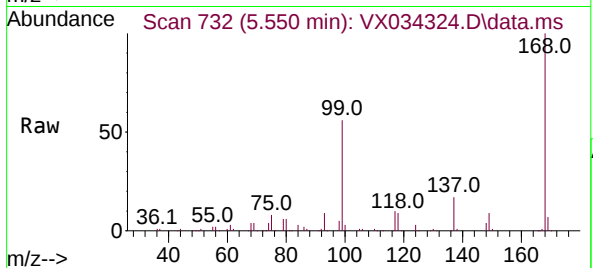




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034324.D
Acq: 03 Mar 2023 15:47

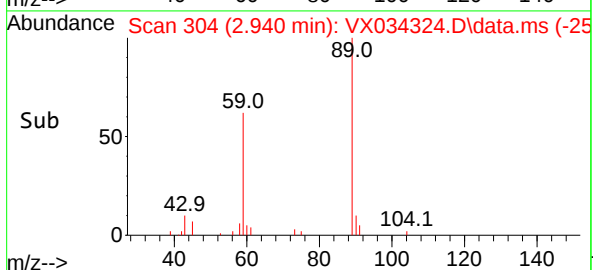
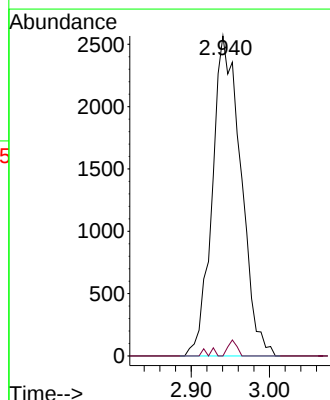
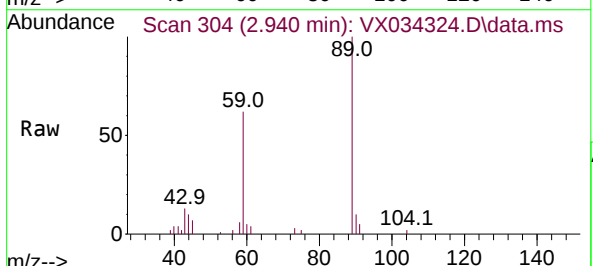
Instrument :
MSVOA_X
ClientSampleId :
PB151167ZHE#02

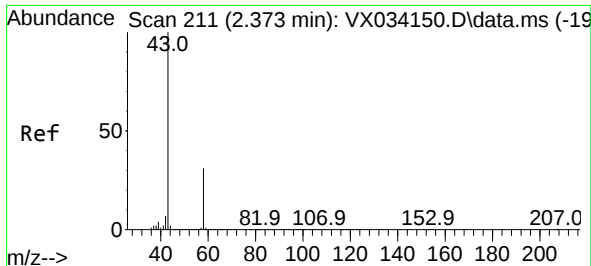
Tgt Ion:168 Resp: 275307
Ion Ratio Lower Upper
168 100
99 55.9 39.6 59.4



#11
Tert butyl alcohol
Concen: 7.861 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.012 min
Lab File: VX034324.D
Acq: 03 Mar 2023 15:47

Tgt Ion: 59 Resp: 6519
Ion Ratio Lower Upper
59 100
57 1.5 3.7 5.5#

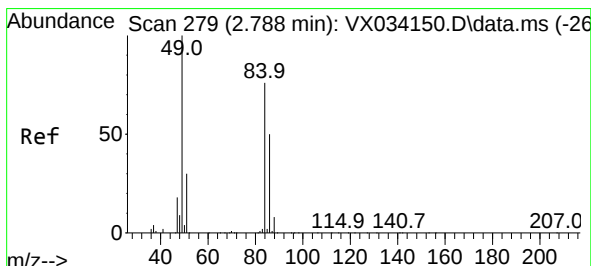
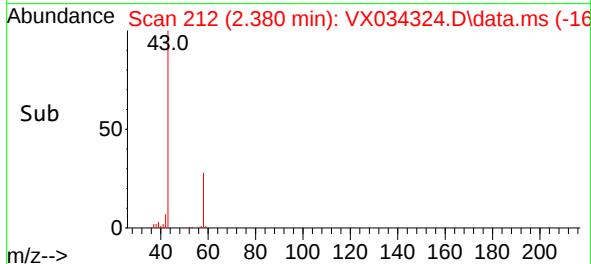
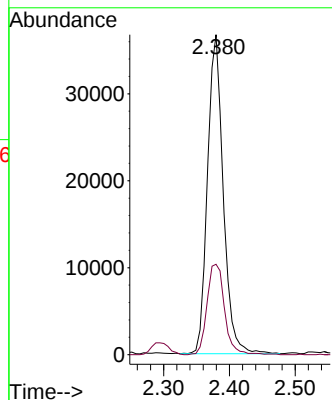
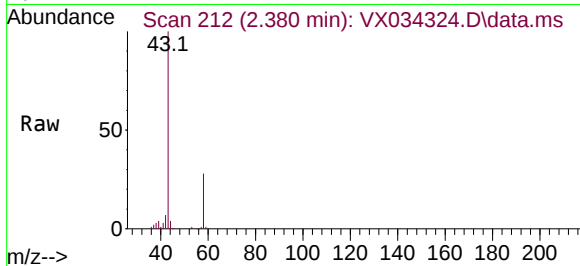




#16
Acetone
Concen: 31.961 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034324.D
Acq: 03 Mar 2023 15:47

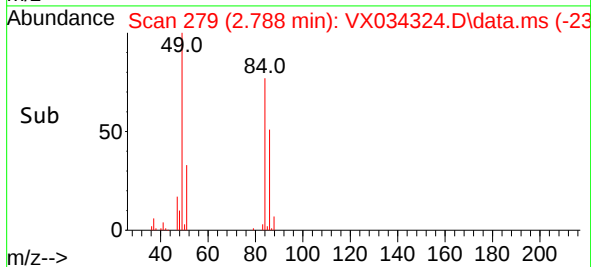
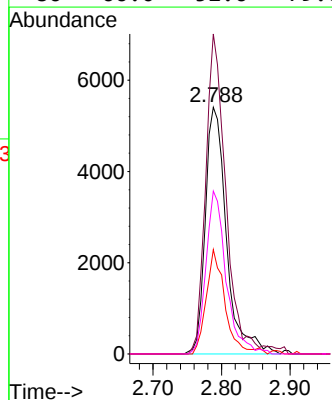
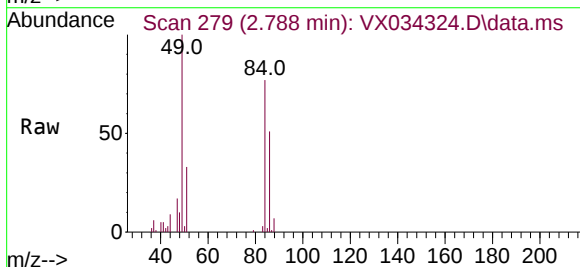
Instrument :
MSVOA_X
ClientSampleId :
PB151167ZHE#02

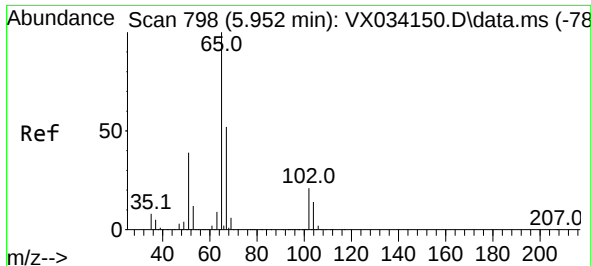
Tgt Ion: 43 Resp: 61129
Ion Ratio Lower Upper
43 100
58 28.3 22.6 33.8



#20
Methylene Chloride
Concen: 3.379 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034324.D
Acq: 03 Mar 2023 15:47

Tgt Ion: 84 Resp: 11644
Ion Ratio Lower Upper
84 100
49 129.7 101.1 151.7
51 42.3 31.0 46.6
86 66.0 52.6 79.0





#33

1,2-Dichloroethane-d4

Concen: 45.912 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034324.D

Acq: 03 Mar 2023 15:47

Instrument :

MSVOA_X

ClientSampleId :

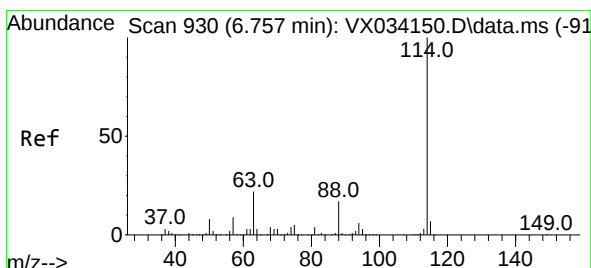
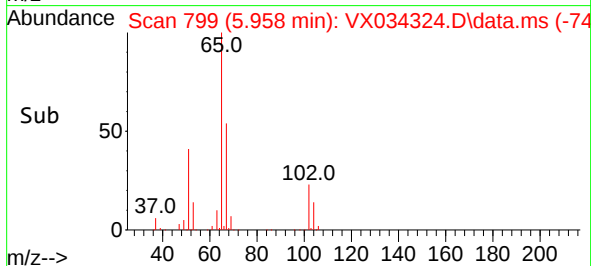
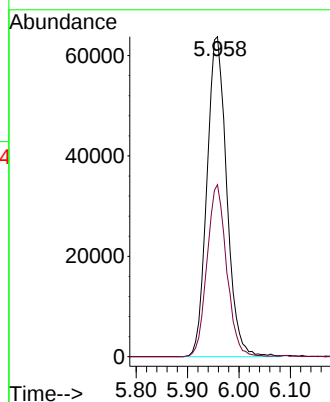
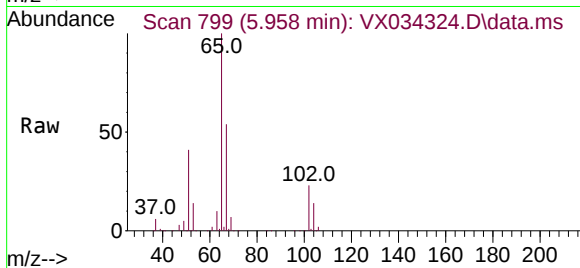
PB151167ZHE#02

Tgt Ion: 65 Resp: 170229

Ion Ratio Lower Upper

65 100

67 53.4 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: VX034324.D

Acq: 03 Mar 2023 15:47

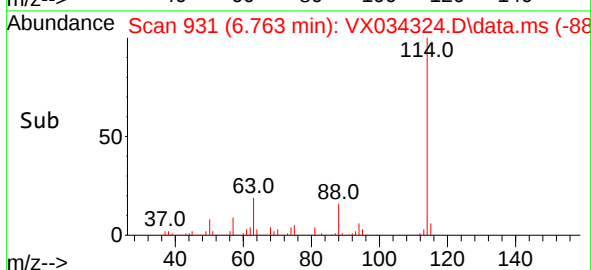
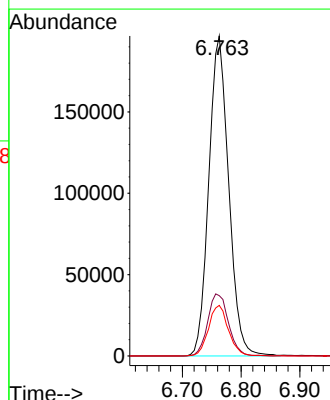
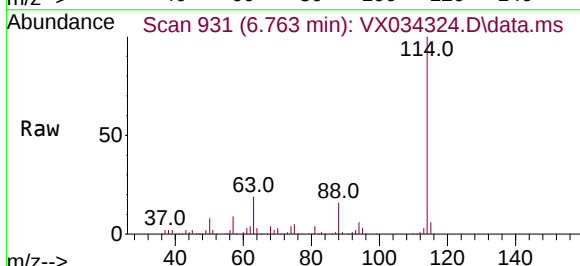
Tgt Ion: 114 Resp: 462452

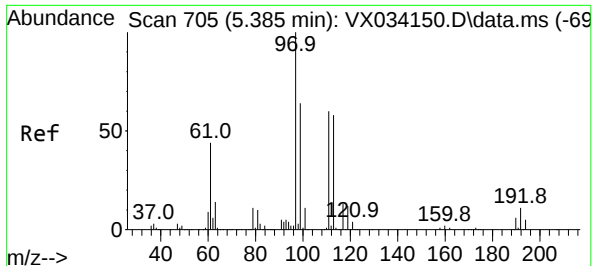
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.135 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX034324.D

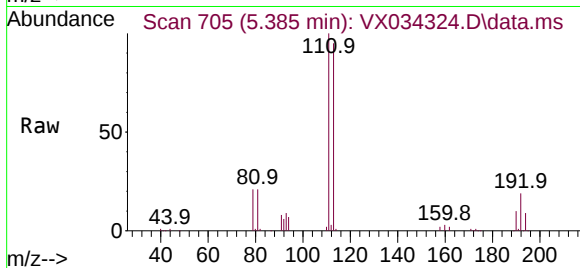
Acq: 03 Mar 2023 15:47

Instrument :

MSVOA_X

ClientSampleId :

PB151167ZHE#02



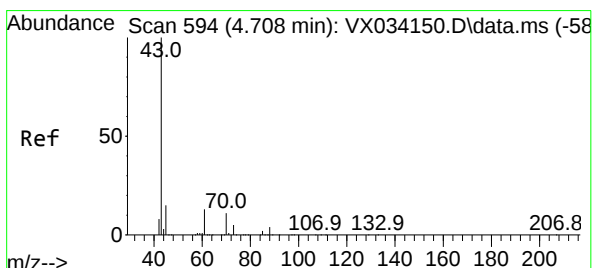
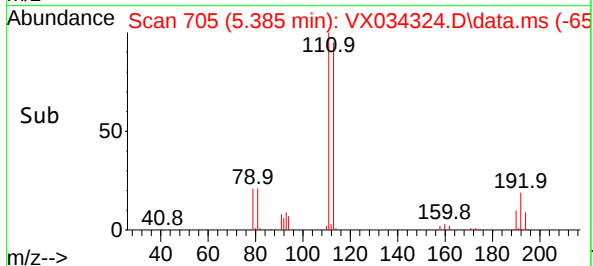
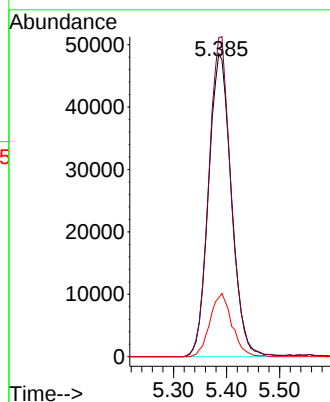
Tgt Ion:113 Resp: 144936

Ion Ratio Lower Upper

113 100

111 103.2 83.0 124.6

192 20.2 19.0 28.4



#37

Ethyl Acetate

Concen: 15.891 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX034324.D

Acq: 03 Mar 2023 15:47

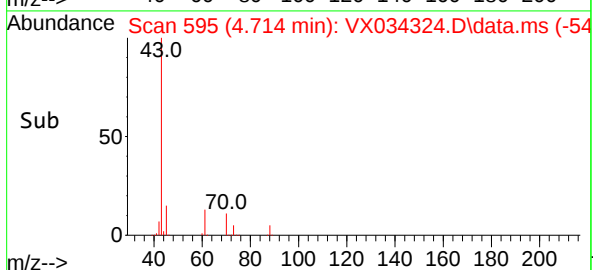
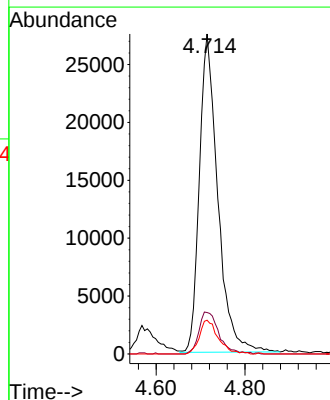
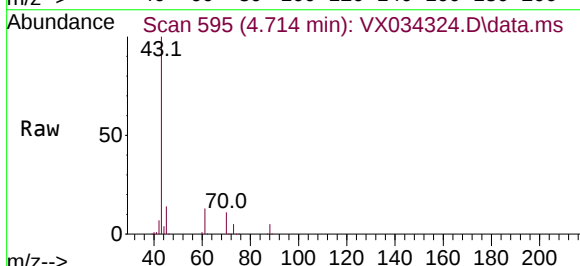
Tgt Ion: 43 Resp: 79086

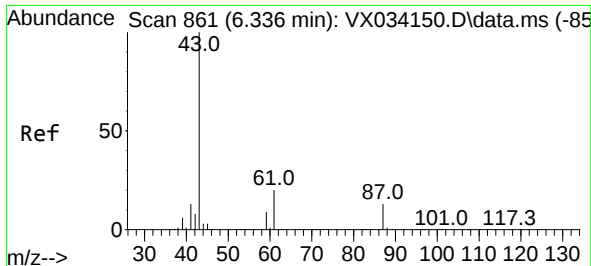
Ion Ratio Lower Upper

43 100

61 14.4 11.1 16.7

70 10.9 8.5 12.7

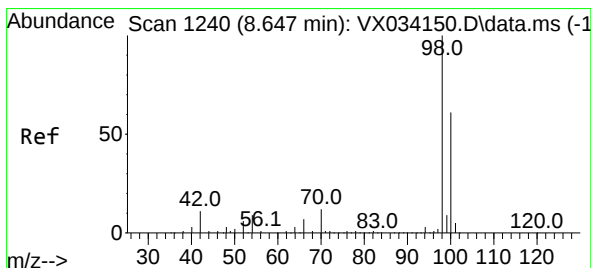
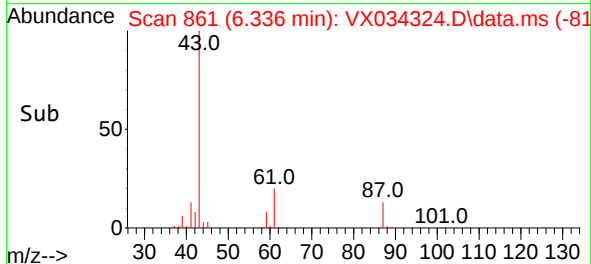
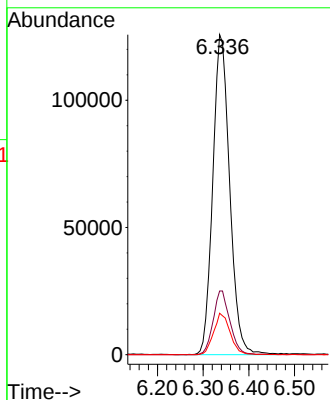
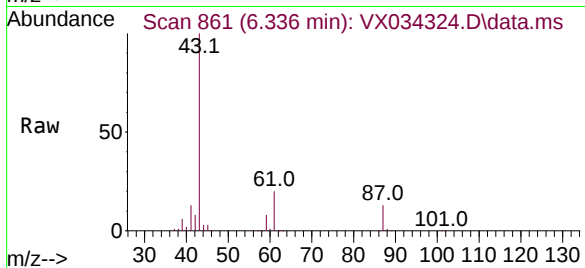




#43
Isopropyl Acetate
Concen: 36.823 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034324.D
Acq: 03 Mar 2023 15:47

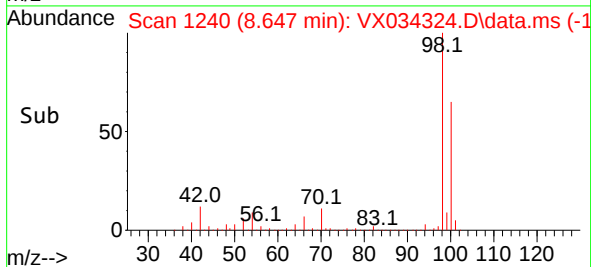
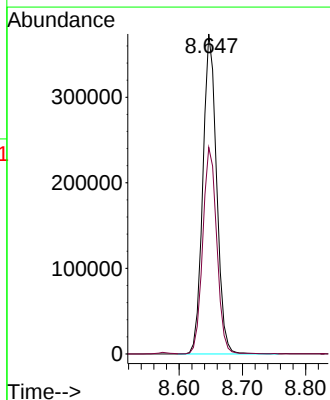
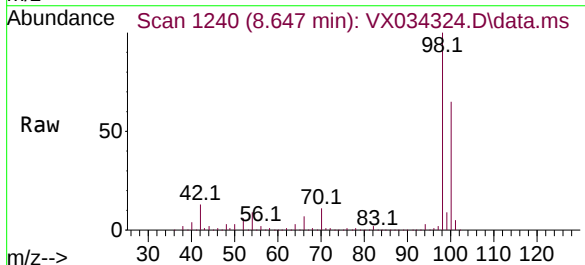
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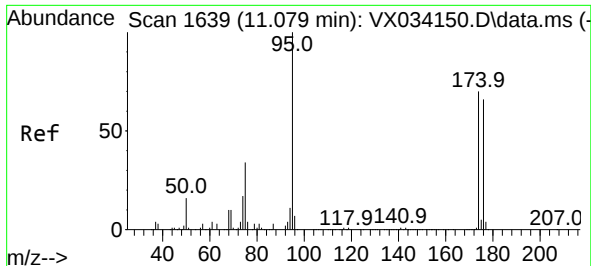
Tgt Ion: 43 Resp: 323383
Ion Ratio Lower Upper
43 100
61 19.7 15.7 23.5
87 12.7 10.6 15.8



#50
Toluene-d8
Concen: 52.441 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034324.D
Acq: 03 Mar 2023 15:47

Tgt Ion: 98 Resp: 566921
Ion Ratio Lower Upper
98 100
100 65.6 53.6 80.4

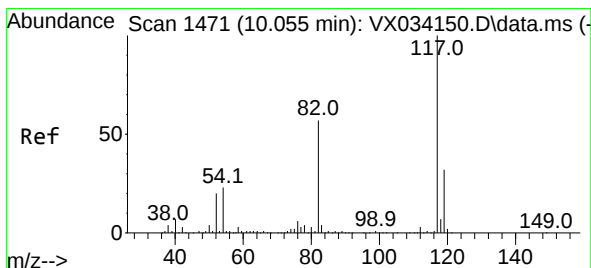
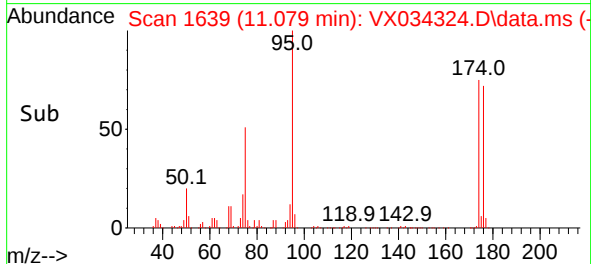
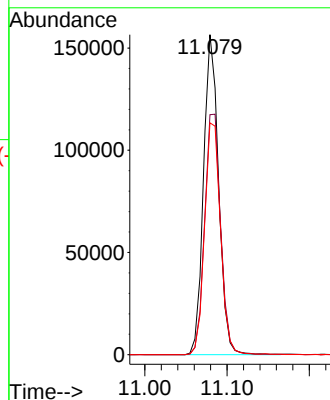
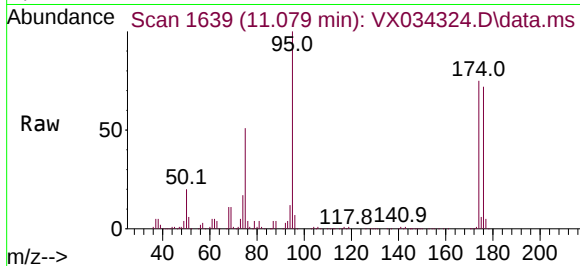




#62
4-Bromofluorobenzene
Concen: 48.190 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034324.D
Acq: 03 Mar 2023 15:47

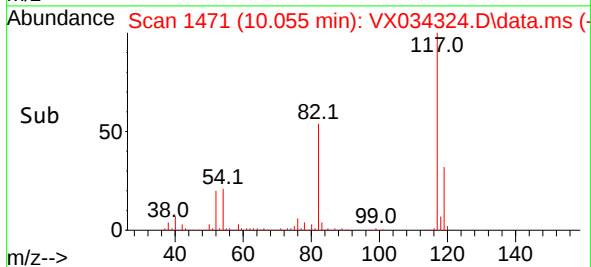
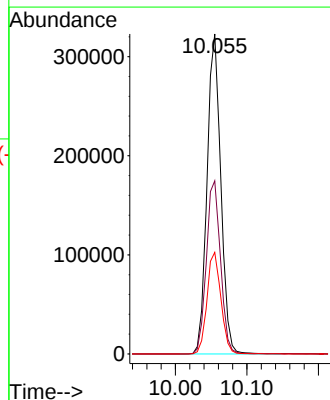
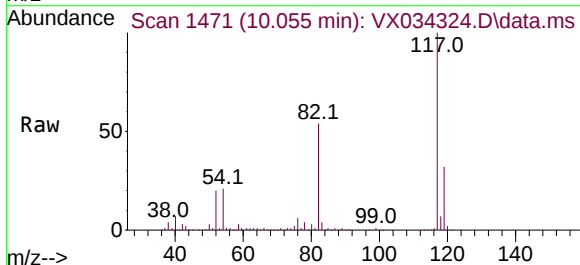
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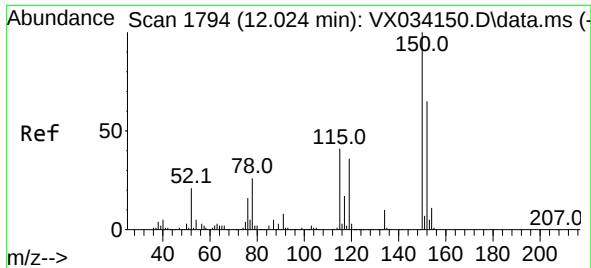
Tgt Ion: 95 Resp: 199269
Ion Ratio Lower Upper
95 100
174 80.0 0.0 184.4
176 76.7 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034324.D
Acq: 03 Mar 2023 15:47

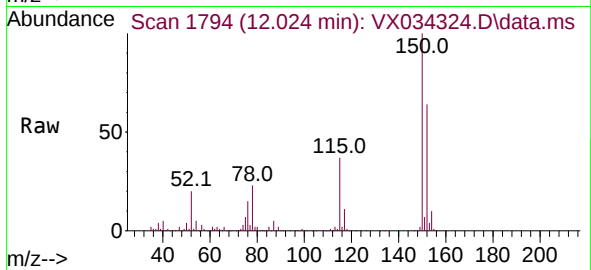
Tgt Ion: 117 Resp: 431438
Ion Ratio Lower Upper
117 100
82 54.1 40.6 60.8
119 31.8 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034324.D
 Acq: 03 Mar 2023 15:47

Instrument :
 MSVOA_X
 ClientSampleId :
 PB151167ZHE#02



Tgt Ion:152 Resp: 192502
 Ion Ratio Lower Upper
 152 100
 115 58.1 38.7 116.1
 150 156.0 0.0 348.2

