

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011423\
 Data File : VX033739.D
 Acq On : 13 Jan 2023 21:43
 Operator : JC/MD
 Sample : PB150223ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB150223ZHE#02

Quant Time: Jan 16 05:40:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

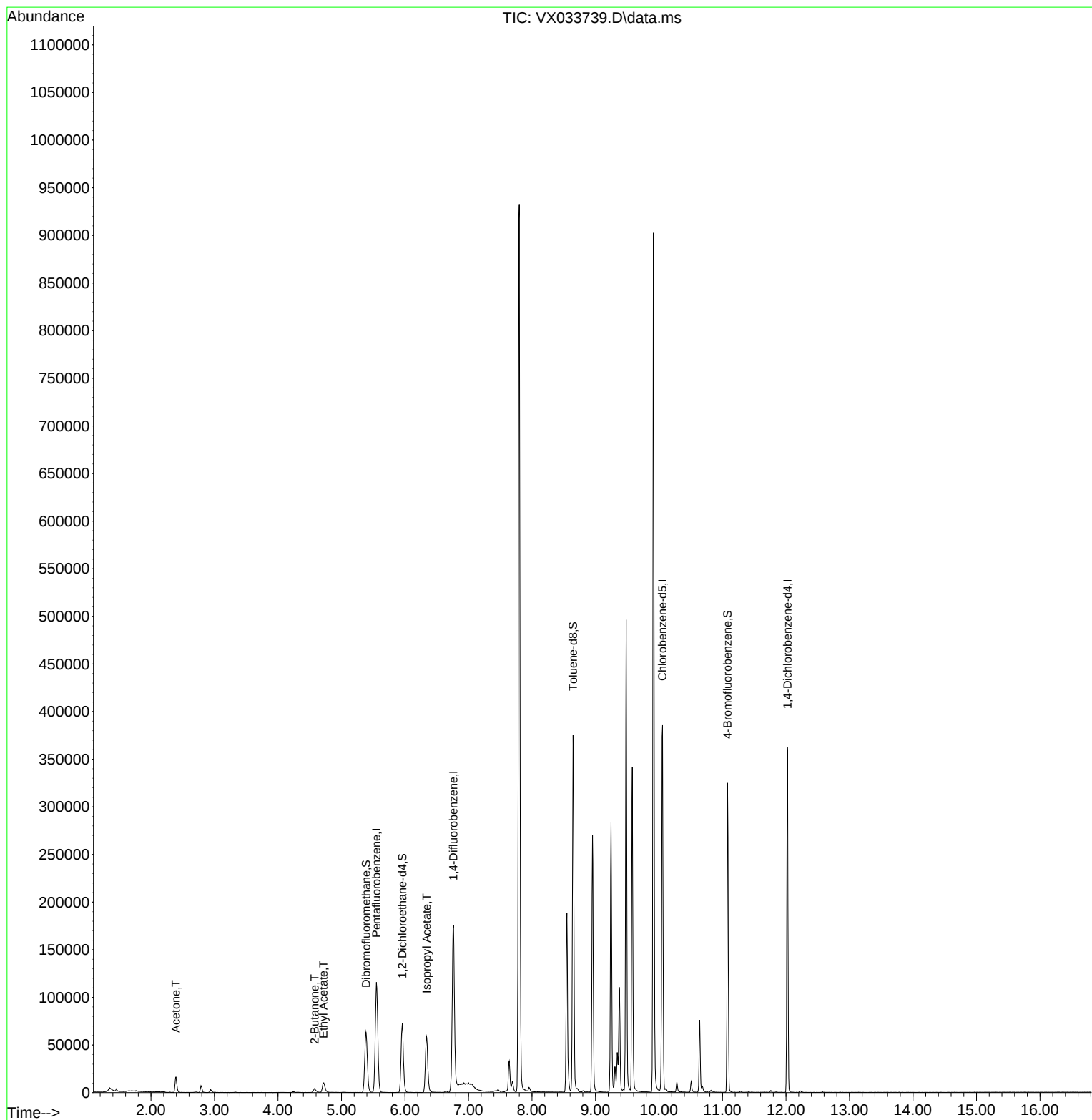
Internal Standards						
1) Pentafluorobenzene	5.550	168	114024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	172391	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	170215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69315	57.735	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	115.480%
35) Dibromofluoromethane	5.385	113	52907	49.425	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.840%
50) Toluene-d8	8.647	98	210793	54.046	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	108.100%
62) 4-Bromofluorobenzene	11.079	95	76948	53.138	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.280%
Target Compounds						
16) Acetone	2.392	43	21729	39.364	ug/l	100
25) 2-Butanone	4.574	43	6236	7.950	ug/l	95
37) Ethyl Acetate	4.715	43	18930	10.437	ug/l	98
43) Isopropyl Acetate	6.342	43	82525	33.460	ug/l	97

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

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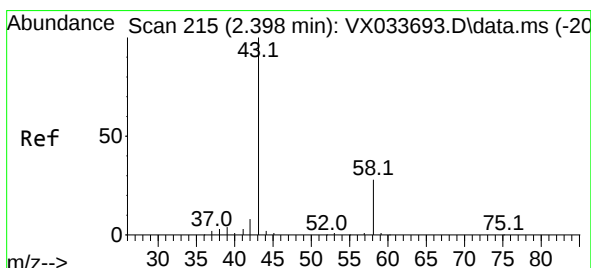
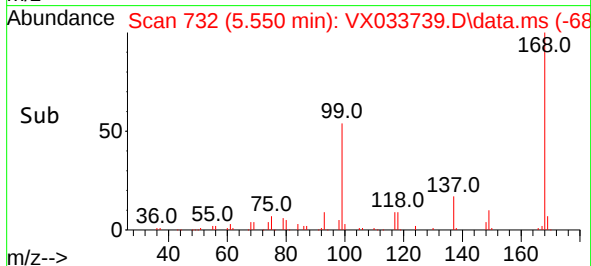
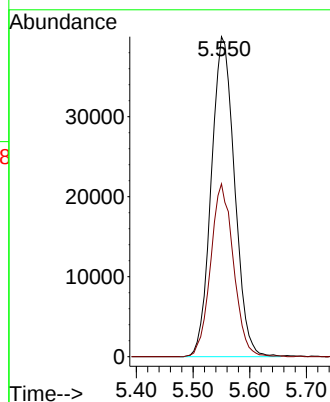
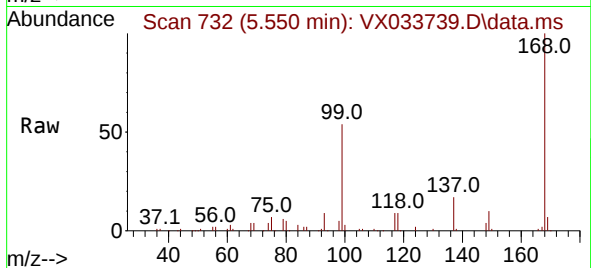




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033739.D
Acq: 13 Jan 2023 21:43

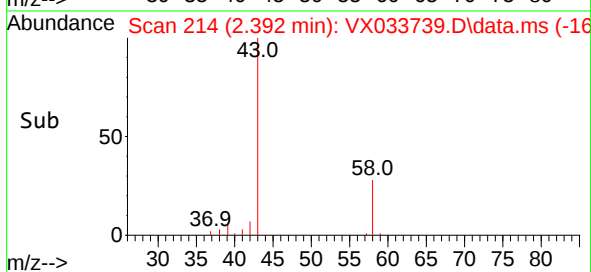
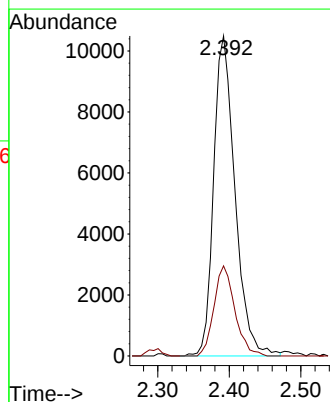
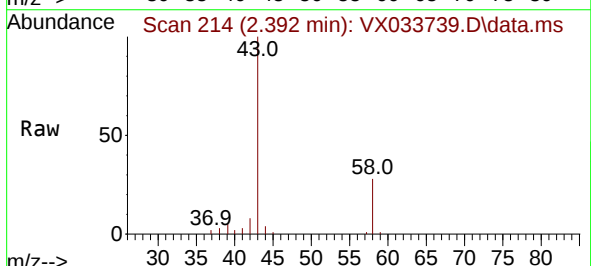
Instrument :
MSVOA_X
ClientSampleId :
PB150223ZHE#02

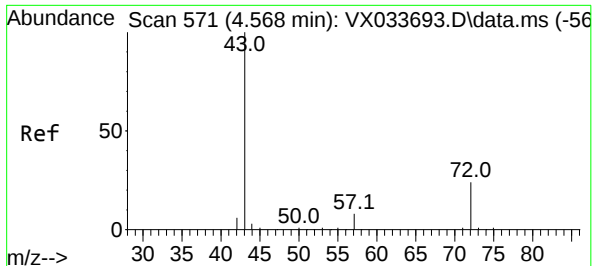
Tgt Ion:168 Resp: 114024
Ion Ratio Lower Upper
168 100
99 54.0 39.6 59.4



#16
Acetone
Concen: 39.364 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX033739.D
Acq: 13 Jan 2023 21:43

Tgt Ion: 43 Resp: 21729
Ion Ratio Lower Upper
43 100
58 28.2 22.6 33.8





#25

2-Butanone

Concen: 7.950 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX033739.D

Acq: 13 Jan 2023 21:43

Instrument :

MSVOA_X

ClientSampleId :

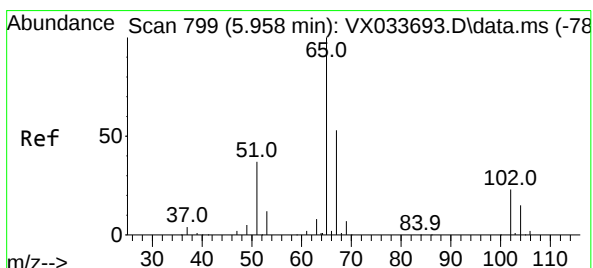
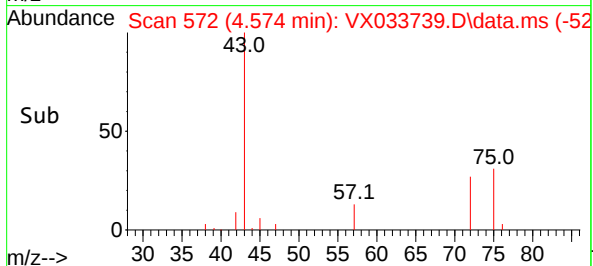
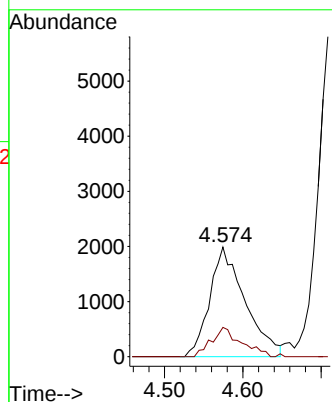
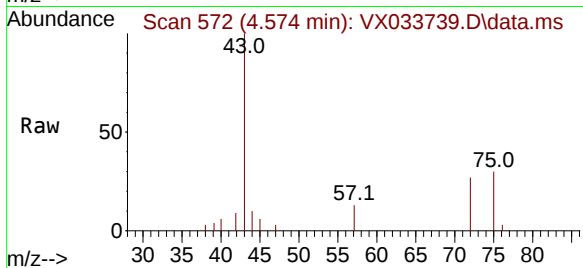
PB150223ZHE#02

Tgt Ion: 43 Resp: 6236

Ion Ratio Lower Upper

43 100

72 26.7 19.4 29.2



#33

1,2-Dichloroethane-d4

Concen: 57.735 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033739.D

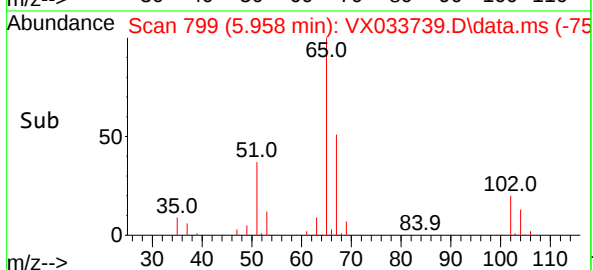
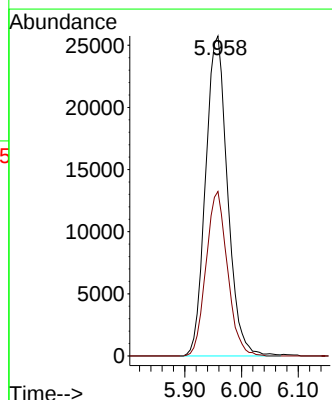
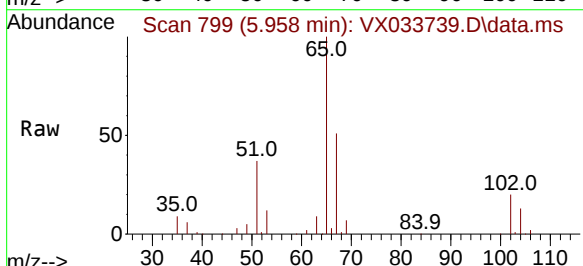
Acq: 13 Jan 2023 21:43

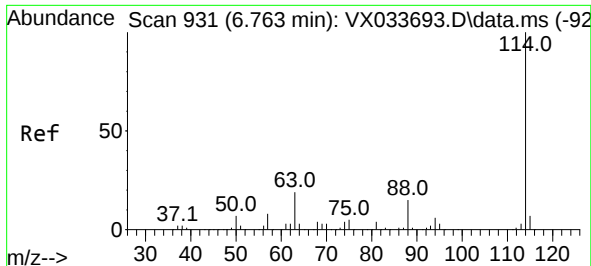
Tgt Ion: 65 Resp: 69315

Ion Ratio Lower Upper

65 100

67 50.1 0.0 104.8

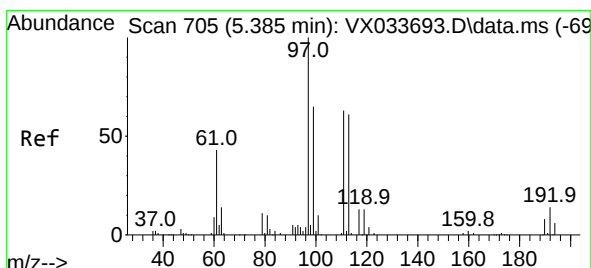
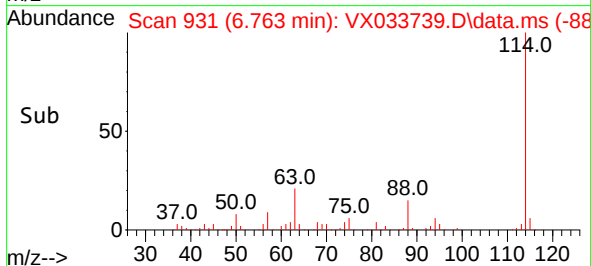
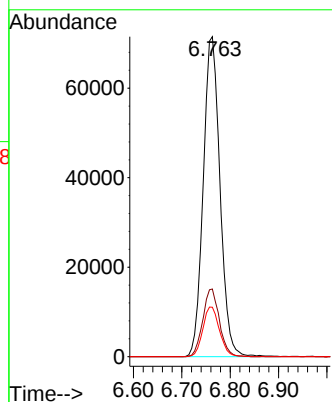
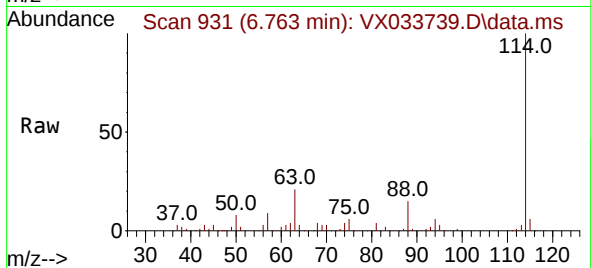




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VX033739.D
 Acq: 13 Jan 2023 21:43

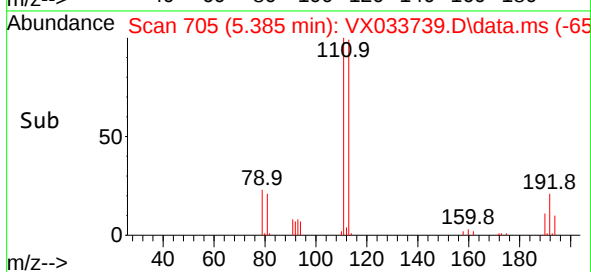
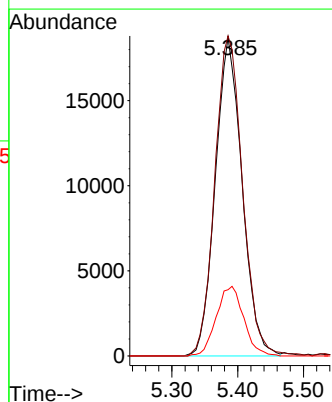
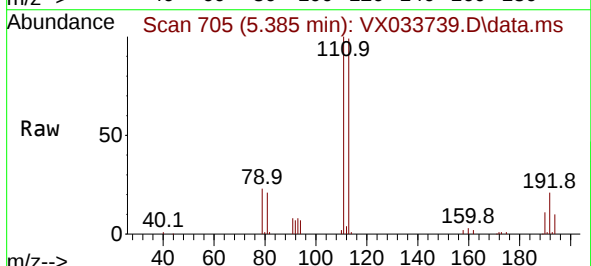
Instrument :
 MSVOA_X
 ClientSampleId :
 PB150223ZHE#02

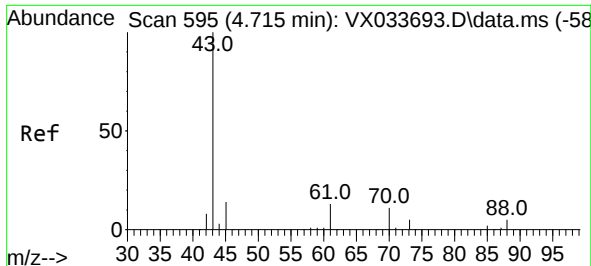
Tgt Ion:114 Resp: 172391
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 37.4
 88 15.5 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 49.425 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX033739.D
 Acq: 13 Jan 2023 21:43

Tgt Ion:113 Resp: 52907
 Ion Ratio Lower Upper
 113 100
 111 104.3 83.0 124.6
 192 22.4 19.0 28.4





#37

Ethyl Acetate

Concen: 10.437 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX033739.D

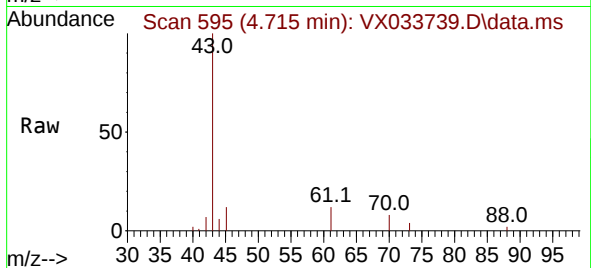
Acq: 13 Jan 2023 21:43

Instrument :

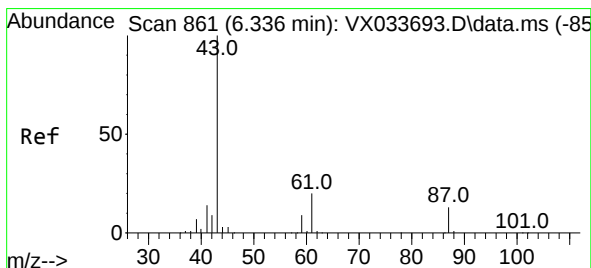
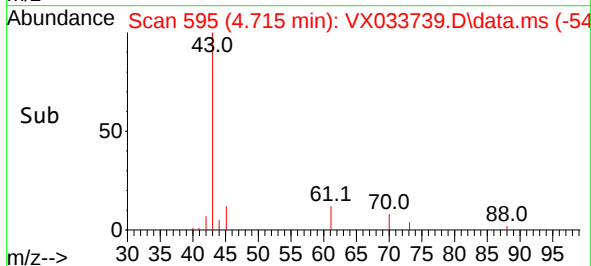
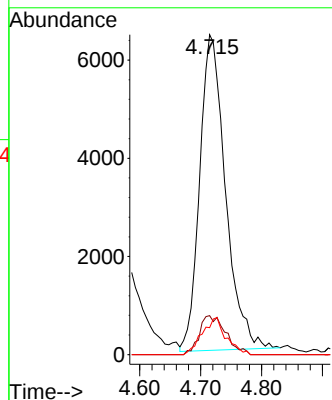
MSVOA_X

ClientSampleId :

PB150223ZHE#02



Tgt Ion:	43	Resp:	18930
Ion	Ratio	Lower	Upper
43	100		
61	12.6	11.1	16.7
70	10.9	8.5	12.7



#43

Isopropyl Acetate

Concen: 33.460 ug/l

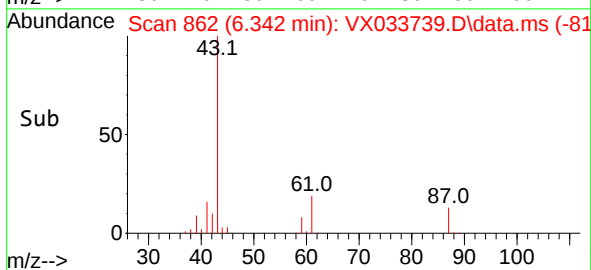
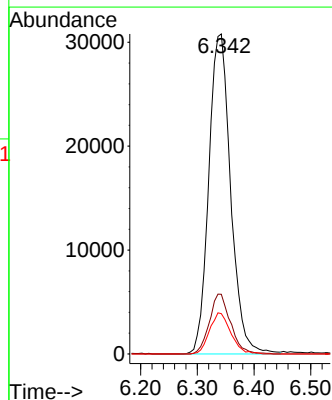
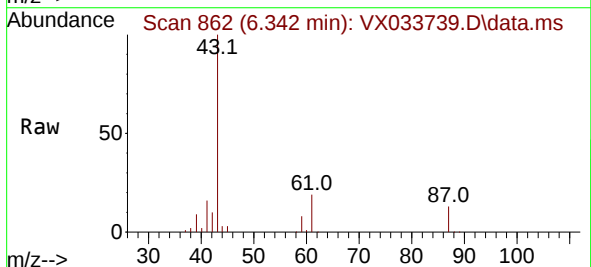
RT: 6.342 min Scan# 862

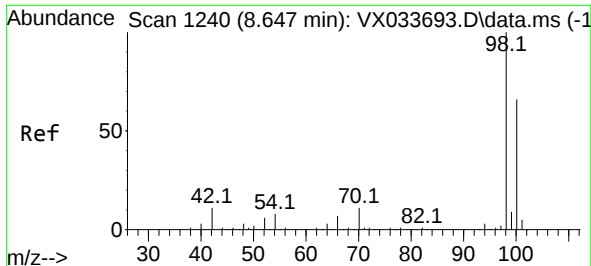
Delta R.T. 0.006 min

Lab File: VX033739.D

Acq: 13 Jan 2023 21:43

Tgt Ion:	43	Resp:	82525
Ion	Ratio	Lower	Upper
43	100		
61	18.1	15.7	23.5
87	12.4	10.6	15.8

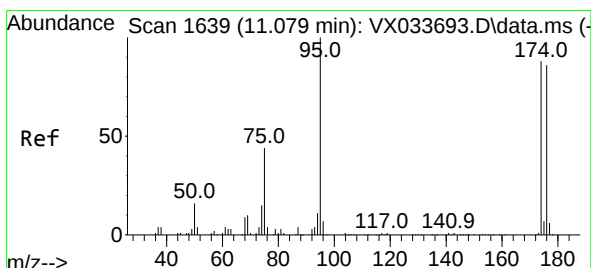
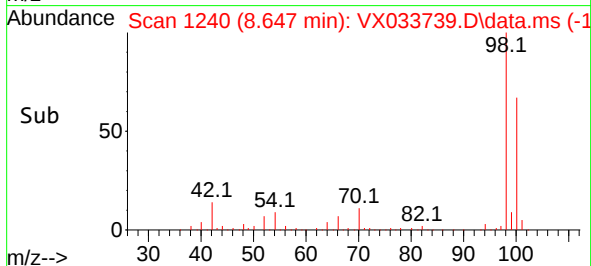
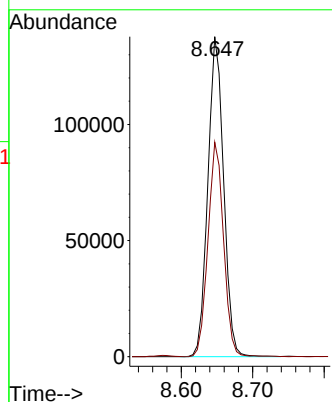
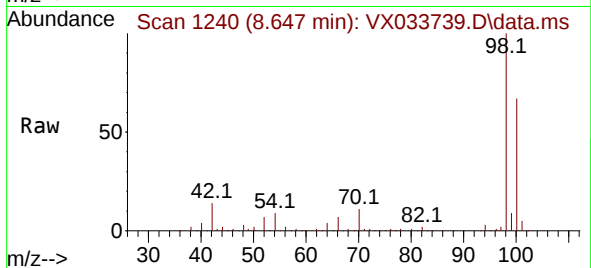




#50
Toluene-d8
Concen: 54.046 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033739.D
Acq: 13 Jan 2023 21:43

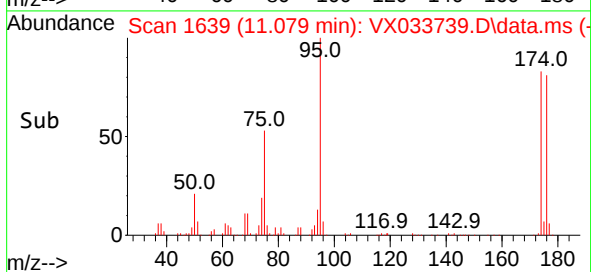
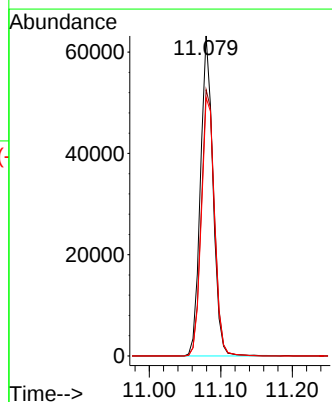
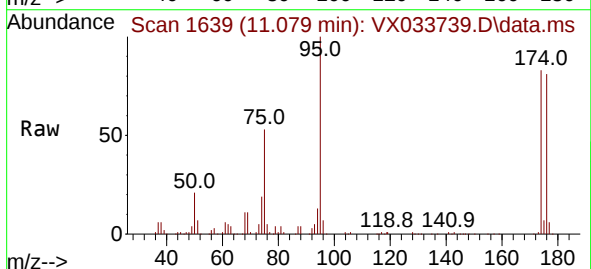
Instrument :
MSVOA_X
ClientSampleId :
PB150223ZHE#02

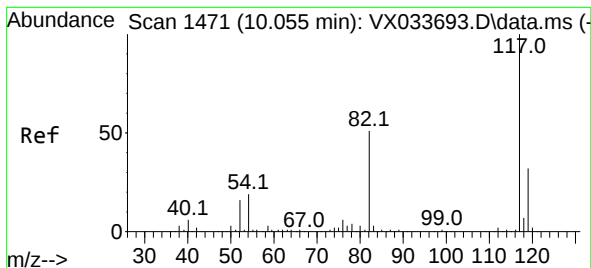
Tgt Ion: 98 Resp: 210793
Ion Ratio Lower Upper
98 100
100 66.4 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 53.138 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033739.D
Acq: 13 Jan 2023 21:43

Tgt Ion: 95 Resp: 76948
Ion Ratio Lower Upper
95 100
174 87.6 0.0 184.4
176 85.0 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: VX033739.D

Acq: 13 Jan 2023 21:43

Instrument :

MSVOA_X

ClientSampleId :

PB150223ZHE#02

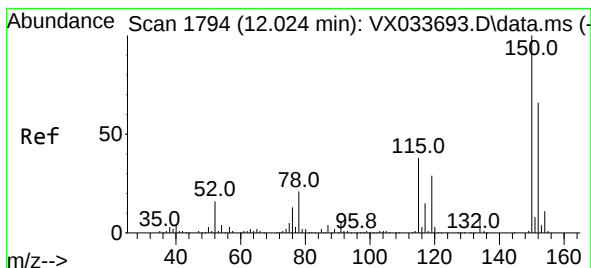
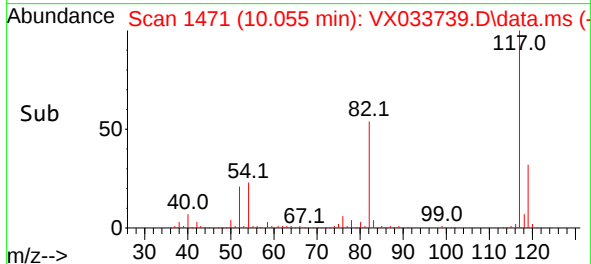
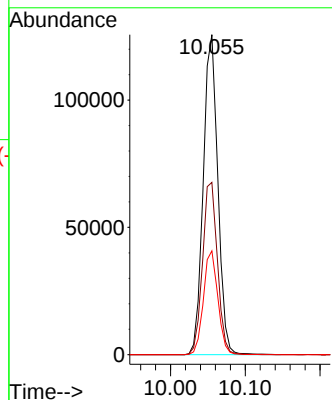
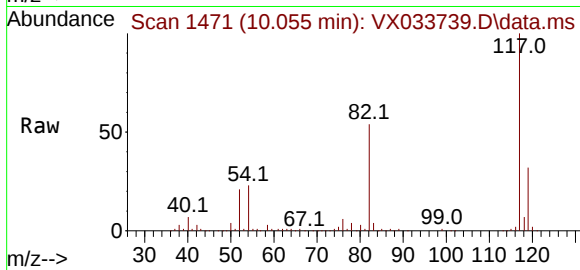
Tgt Ion:117 Resp: 170215

Ion Ratio Lower Upper

117 100

82 53.9 40.6 60.8

119 32.4 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX033739.D

Acq: 13 Jan 2023 21:43

Tgt Ion:152 Resp: 77489

Ion Ratio Lower Upper

152 100

115 56.4 38.7 116.1

150 155.5 0.0 348.2

