

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072523\
 Data File : VX036648.D
 Acq On : 25 Jul 2023 12:55
 Operator : JC/MD
 Sample : PB154393ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB154393ZHE#01

Quant Time: Jul 26 06:24:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

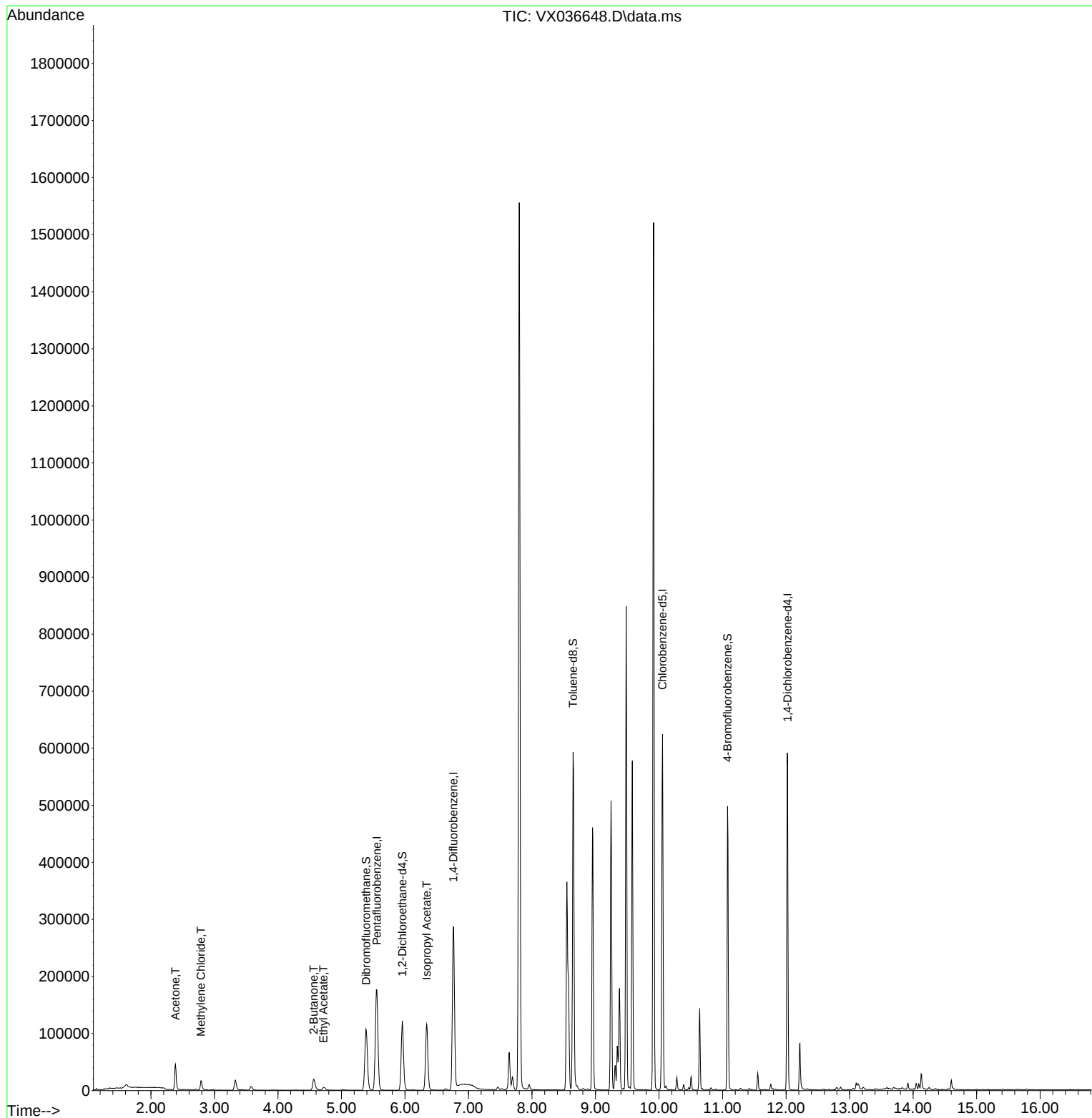
Internal Standards						
1) Pentafluorobenzene	5.556	168	166593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	291395	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	270045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121036	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	109940	44.601	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.200%
35) Dibromofluoromethane	5.385	113	93330	46.598	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.200%
50) Toluene-d8	8.647	98	351606	49.503	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.000%
62) 4-Bromofluorobenzene	11.079	95	132692	49.517	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.040%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	52192	51.025	ug/l	92
20) Methylene Chloride	2.788	84	8584	3.773	ug/l	90
25) 2-Butanone	4.562	43	35098	21.149	ug/l	96
37) Ethyl Acetate	4.715	43	9343	2.765	ug/l	97
43) Isopropyl Acetate	6.342	43	161802	27.819	ug/l	97

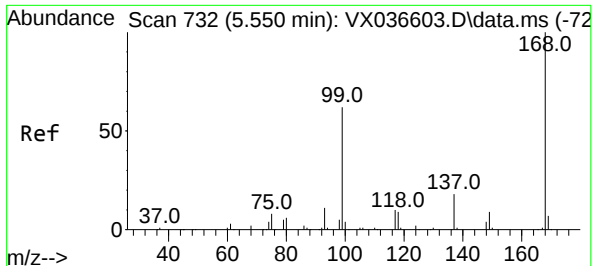
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

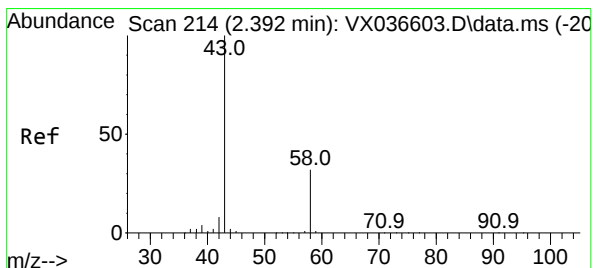
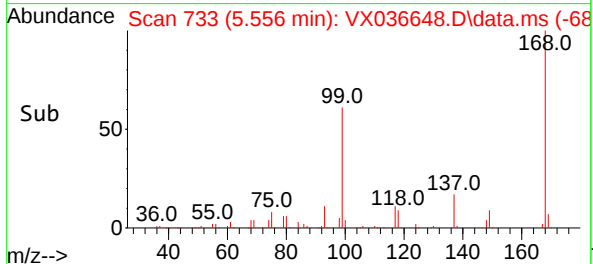
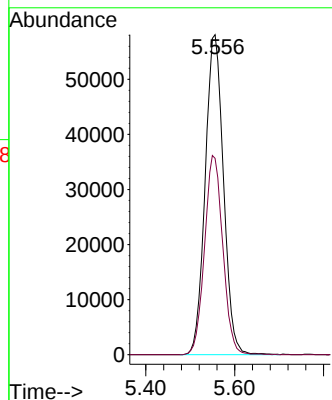
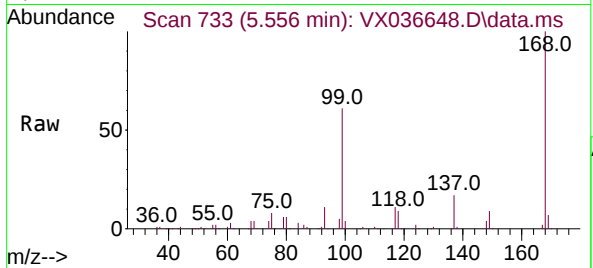




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036648.D
Acq: 25 Jul 2023 12:55

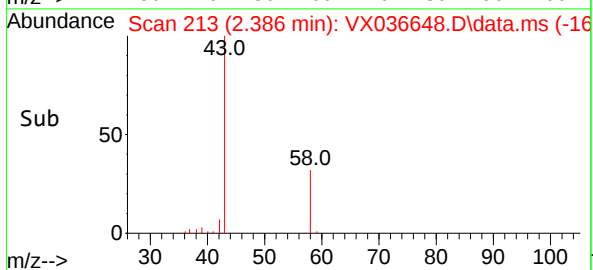
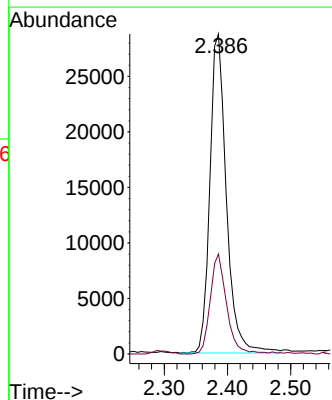
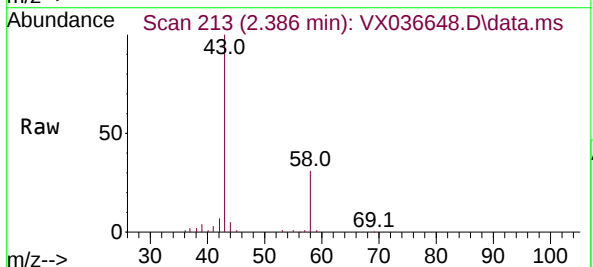
Instrument :
MSVOA_X
ClientSampleId :
PB154393ZHE#01

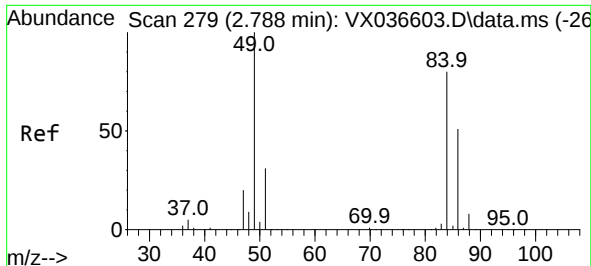
Tgt Ion:168 Resp: 166593
Ion Ratio Lower Upper
168 100
99 61.4 56.6 85.0



#16
Acetone
Concen: 51.025 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX036648.D
Acq: 25 Jul 2023 12:55

Tgt Ion: 43 Resp: 52192
Ion Ratio Lower Upper
43 100
58 31.4 21.9 32.9

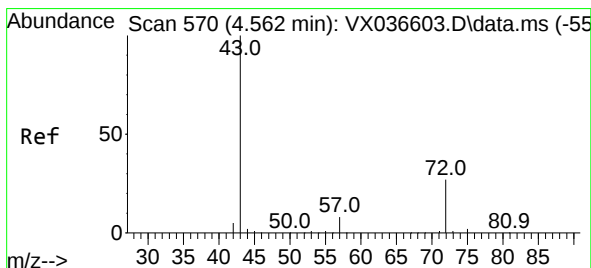
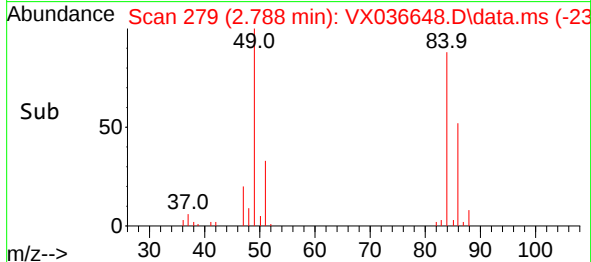
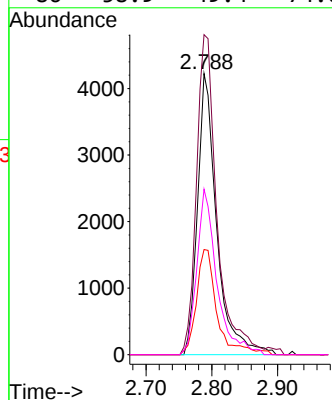
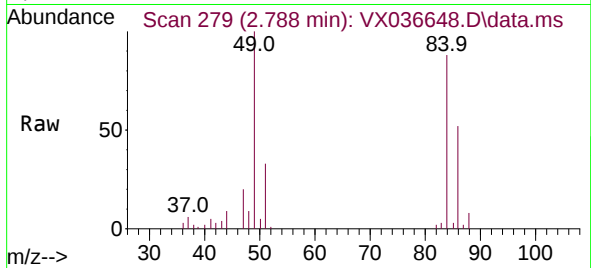




#20
Methylene Chloride
Concen: 3.773 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036648.D
Acq: 25 Jul 2023 12:55

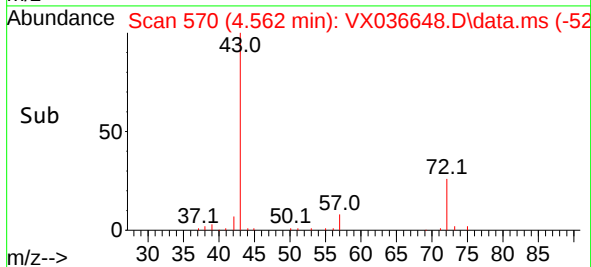
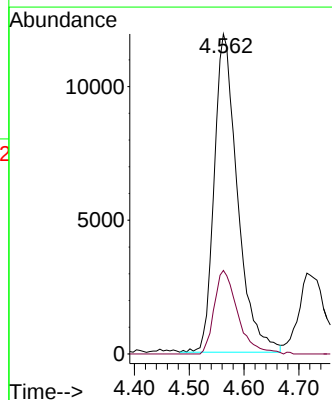
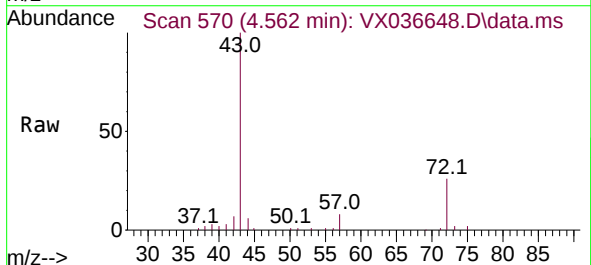
Instrument :
MSVOA_X
ClientSampleId :
PB154393ZHE#01

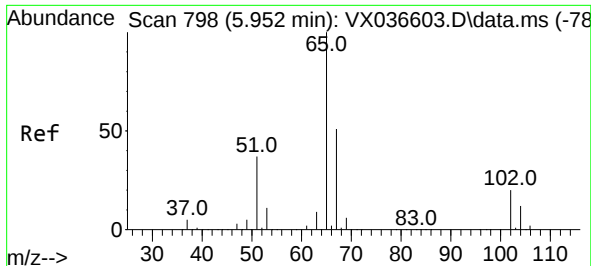
Tgt Ion:	84	Resp:	8584
Ion	Ratio	Lower	Upper
84	100		
49	113.8	103.6	155.4
51	37.4	33.8	50.6
86	58.9	49.4	74.0



#25
2-Butanone
Concen: 21.149 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX036648.D
Acq: 25 Jul 2023 12:55

Tgt Ion:	43	Resp:	35098
Ion	Ratio	Lower	Upper
43	100		
72	26.3	19.4	29.2





#33

1,2-Dichloroethane-d4

Concen: 44.601 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036648.D

Acq: 25 Jul 2023 12:55

Instrument :

MSVOA_X

ClientSampleId :

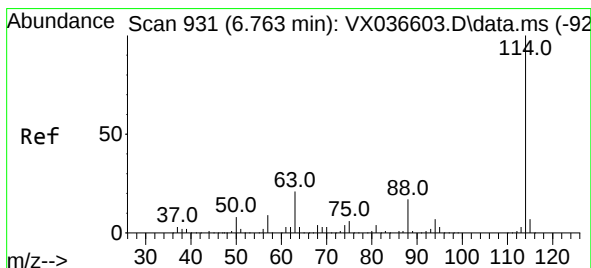
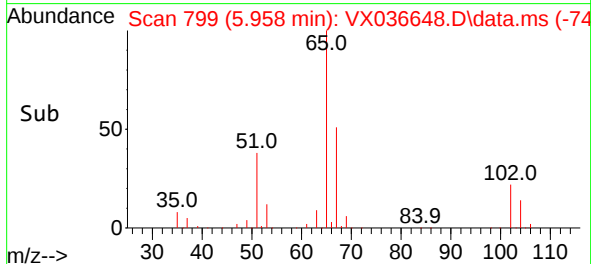
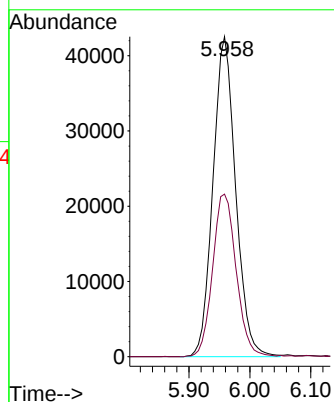
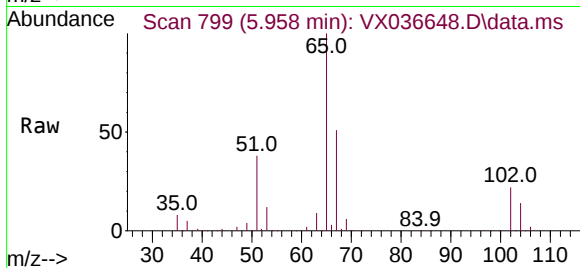
PB154393ZHE#01

Tgt Ion: 65 Resp: 109940

Ion Ratio Lower Upper

65 100

67 52.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036648.D

Acq: 25 Jul 2023 12:55

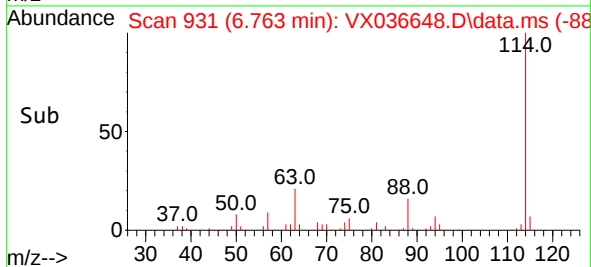
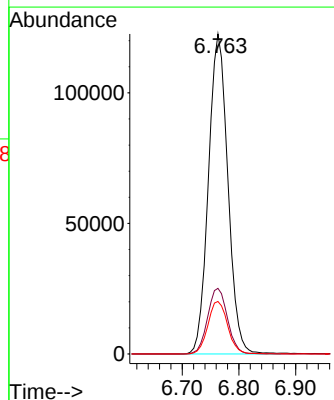
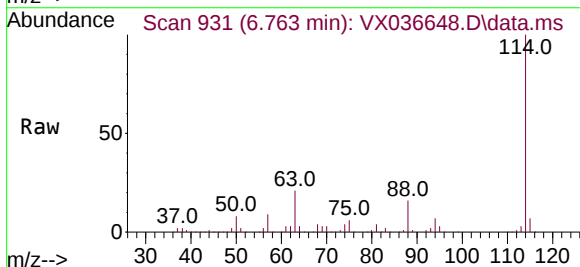
Tgt Ion: 114 Resp: 291395

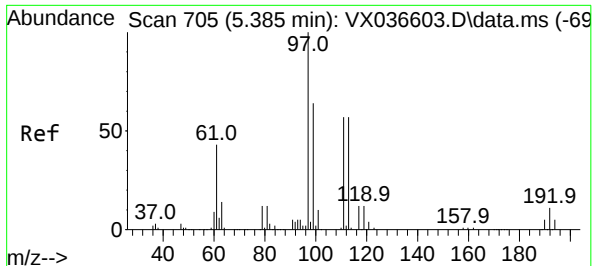
Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.0

88 16.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.598 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036648.D

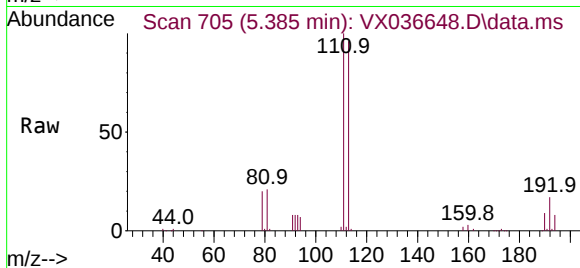
Acq: 25 Jul 2023 12:55

Instrument :

MSVOA_X

ClientSampleId :

PB154393ZHE#01



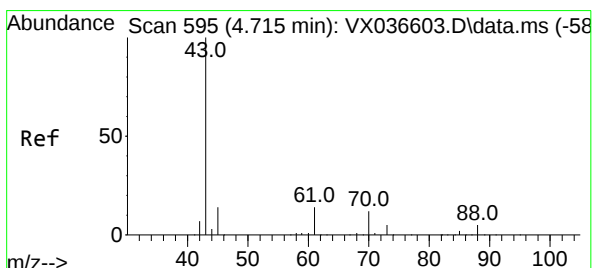
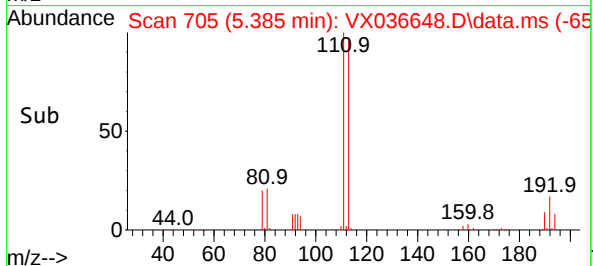
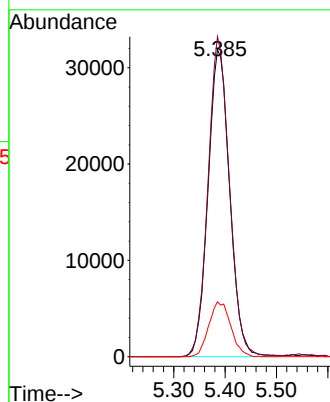
Tgt Ion:113 Resp: 93330

Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

192 18.1 13.3 19.9



#37

Ethyl Acetate

Concen: 2.765 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX036648.D

Acq: 25 Jul 2023 12:55

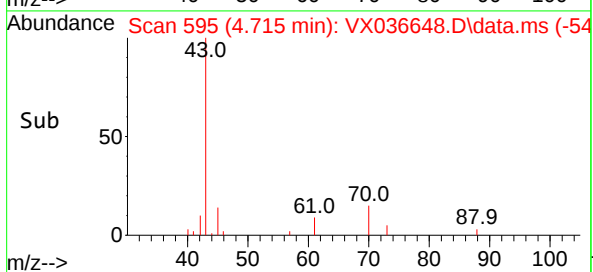
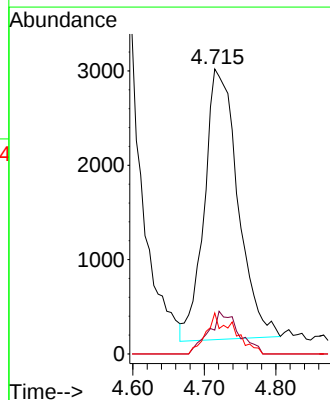
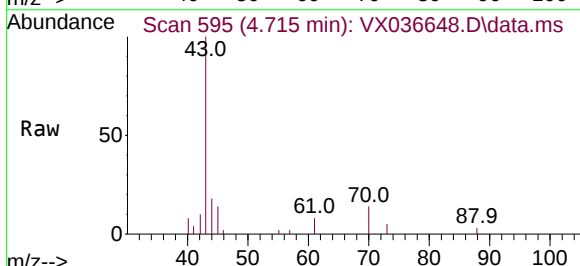
Tgt Ion: 43 Resp: 9343

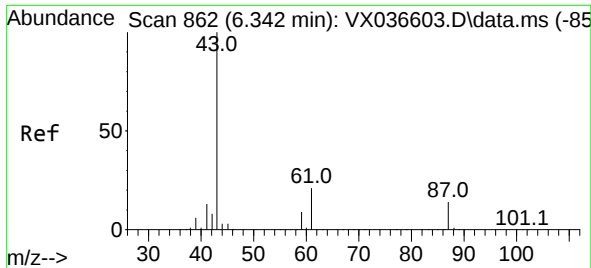
Ion Ratio Lower Upper

43 100

61 14.0 10.6 16.0

70 12.3 8.3 12.5

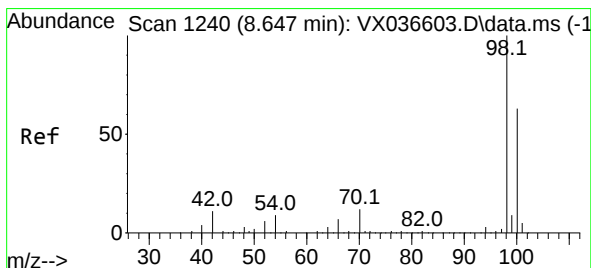
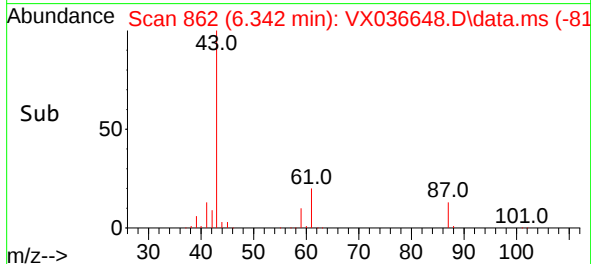
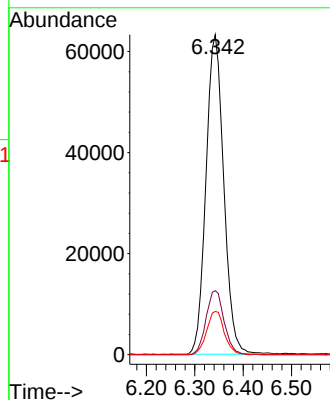
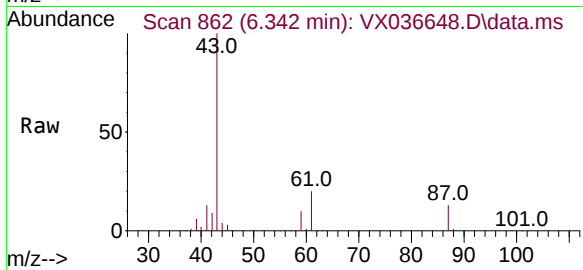




#43
Isopropyl Acetate
Concen: 27.819 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX036648.D
Acq: 25 Jul 2023 12:55

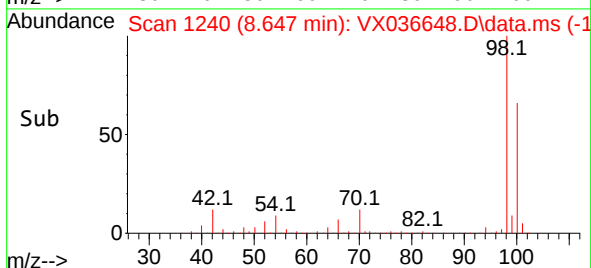
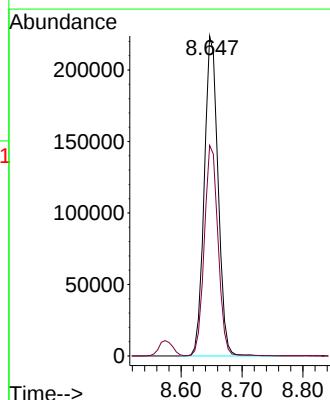
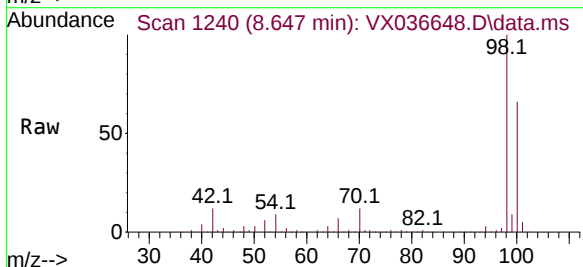
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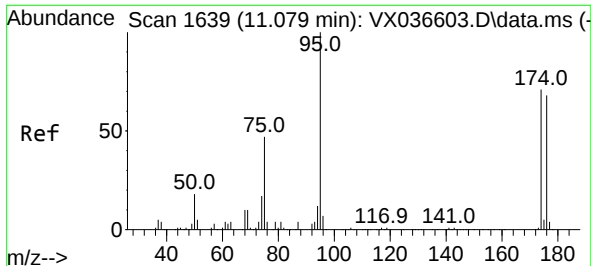
Tgt Ion: 43 Resp: 161802
Ion Ratio Lower Upper
43 100
61 20.3 15.2 22.8
87 13.4 9.8 14.6



#50
Toluene-d8
Concen: 49.503 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036648.D
Acq: 25 Jul 2023 12:55

Tgt Ion: 98 Resp: 351606
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7

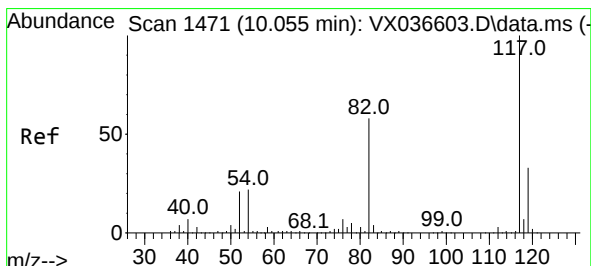
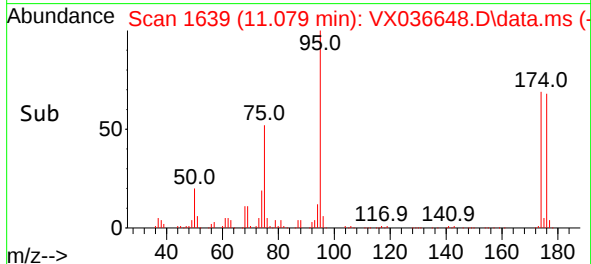
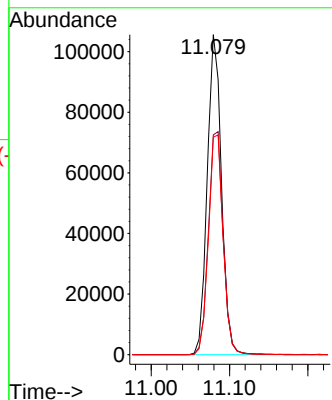
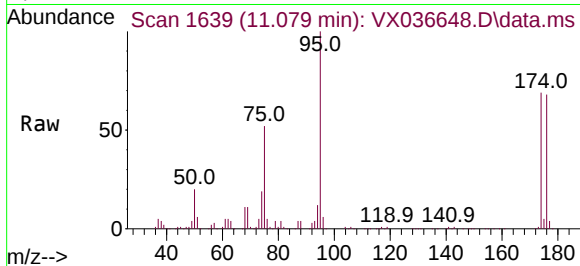




#62
4-Bromofluorobenzene
Concen: 49.517 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036648.D
Acq: 25 Jul 2023 12:55

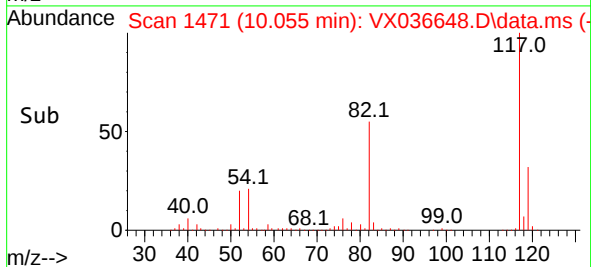
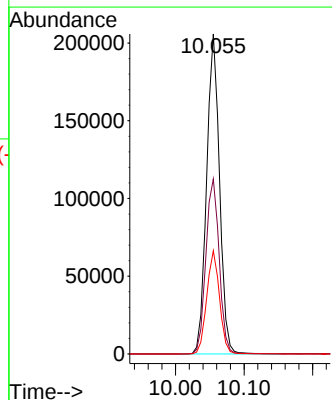
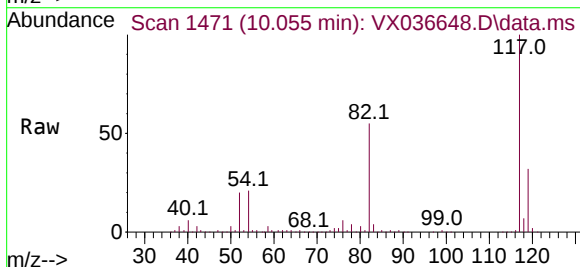
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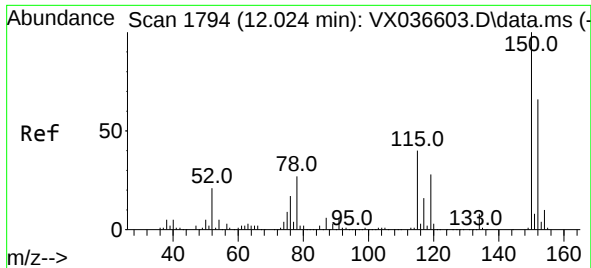
Tgt Ion: 95 Resp: 132692
Ion Ratio Lower Upper
95 100
174 72.6 0.0 135.6
176 70.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036648.D
Acq: 25 Jul 2023 12:55

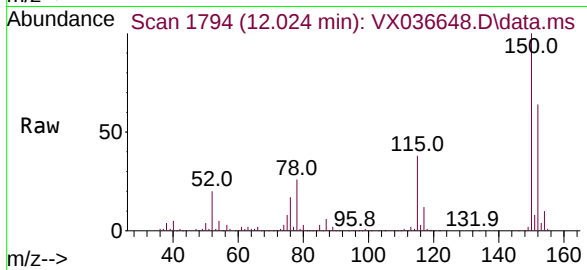
Tgt Ion: 117 Resp: 270045
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 32.3 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036648.D
 Acq: 25 Jul 2023 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 PB154393ZHE#01



Tgt Ion:152 Resp: 121036
 Ion Ratio Lower Upper
 152 100
 115 62.8 43.3 129.9
 150 158.1 0.0 345.0

