

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070523\
 Data File : VX036399.D
 Acq On : 05 Jul 2023 13:21
 Operator : JC/MD
 Sample : PB153983TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB153983TB

Quant Time: Jul 06 04:49:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

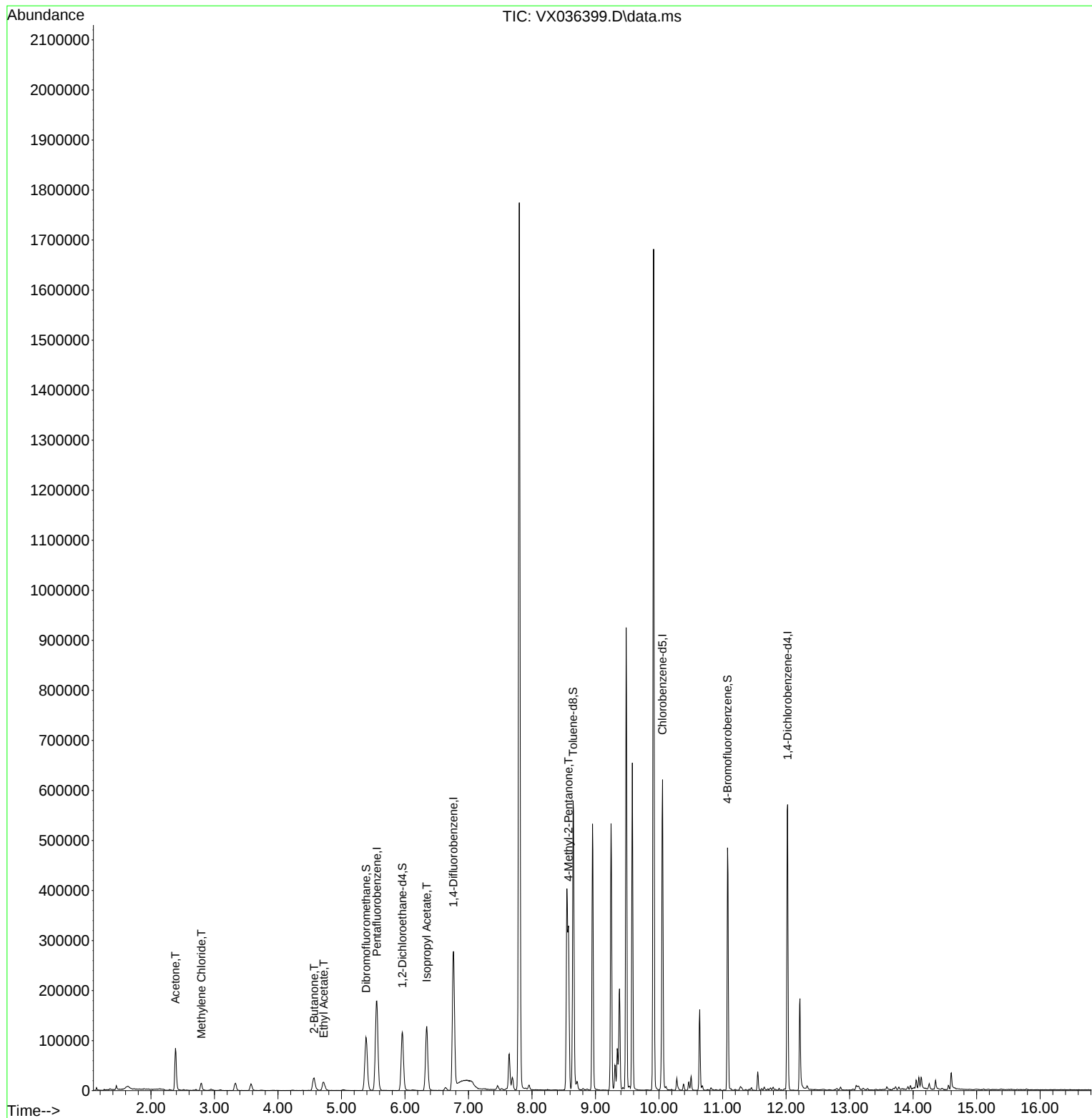
Internal Standards						
1) Pentafluorobenzene	5.556	168	175404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	288777	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	266330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	110409	43.913	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	87.820%	
35) Dibromofluoromethane	5.385	113	92640	48.652	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	97.300%	
50) Toluene-d8	8.646	98	352186	49.521	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	99.040%	
62) 4-Bromofluorobenzene	11.079	95	124884	49.853	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	99.700%	
Target Compounds						
					Qvalue	
16) Acetone	2.385	43	96256	89.567	ug/l	92
20) Methylene Chloride	2.794	84	7493	3.238	ug/l #	84
25) 2-Butanone	4.568	43	43667	28.280	ug/l	93
37) Ethyl Acetate	4.720	43	32607	11.272	ug/l	98
43) Isopropyl Acetate	6.342	43	174144	37.735	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	302407	101.710	ug/l #	80

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

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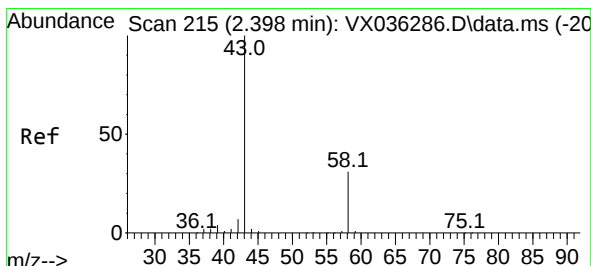
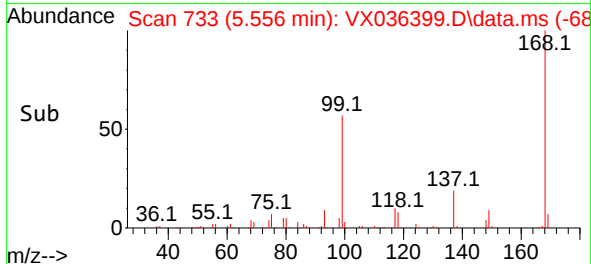
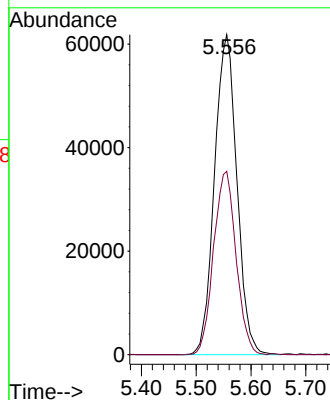
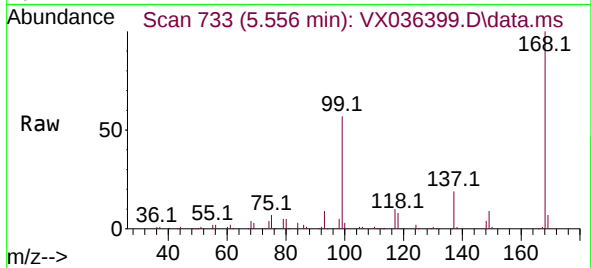




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

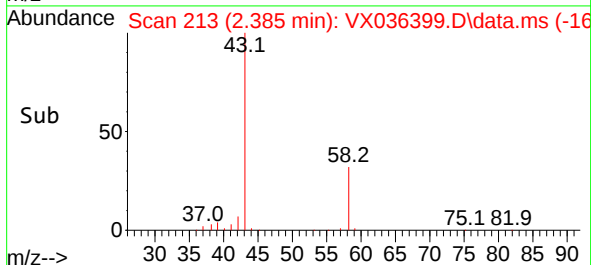
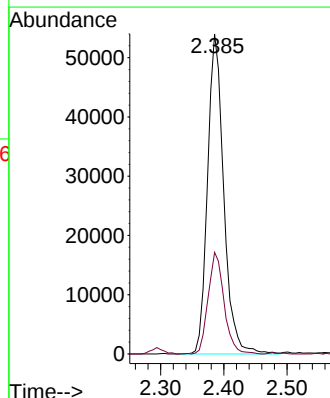
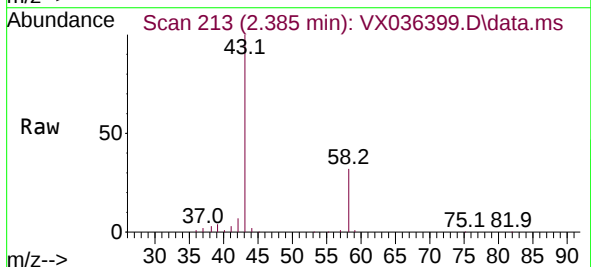
Instrument :
MSVOA_X
ClientSampleId :
PB153983TB

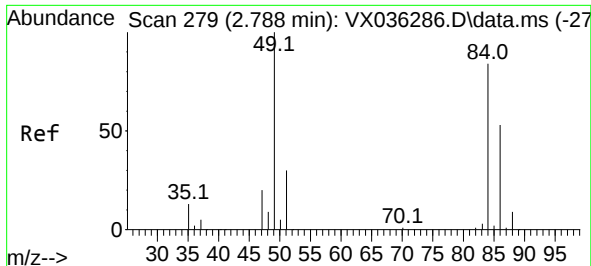
Tgt Ion:168 Resp: 175404
Ion Ratio Lower Upper
168 100
99 57.3 56.6 85.0



#16
Acetone
Concen: 89.567 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.019 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

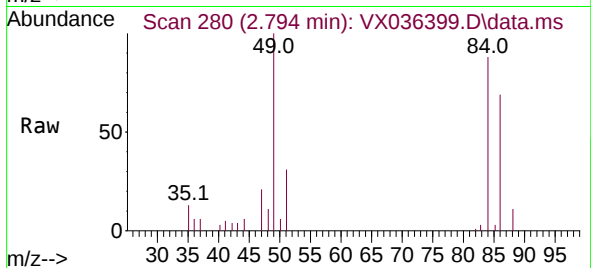
Tgt Ion: 43 Resp: 96256
Ion Ratio Lower Upper
43 100
58 31.7 21.9 32.9



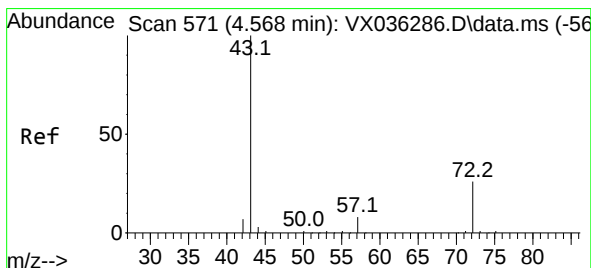
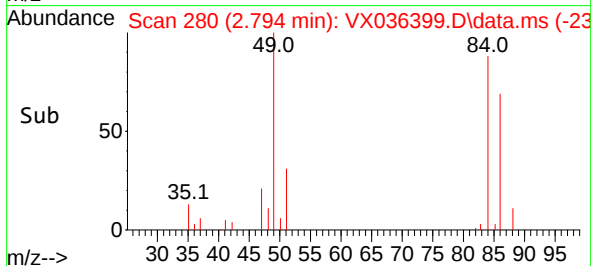
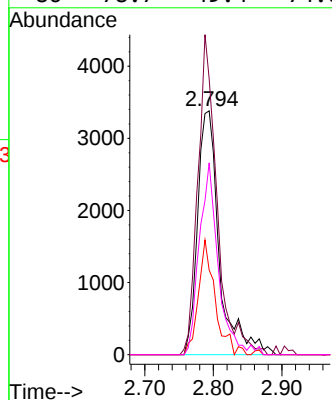


#20
Methylene Chloride
Concen: 3.238 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

Instrument :
MSVOA_X
ClientSampleId :
PB153983TB

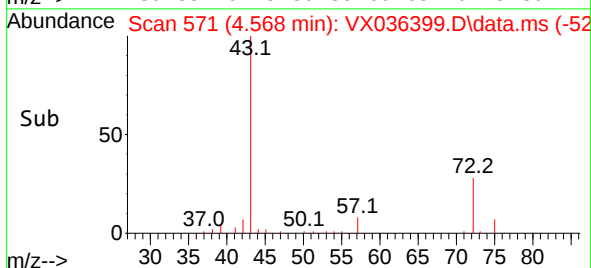
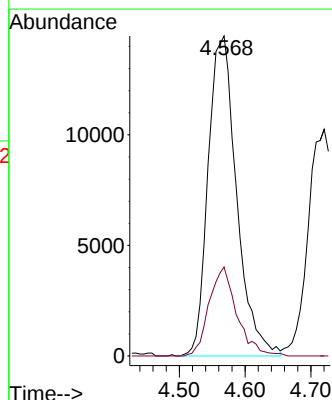
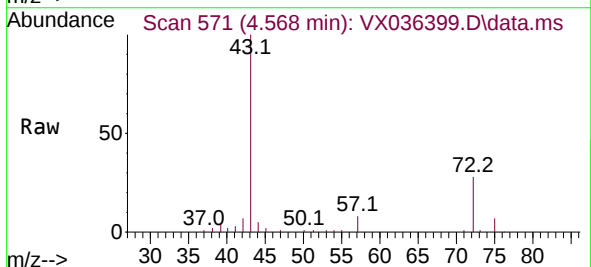


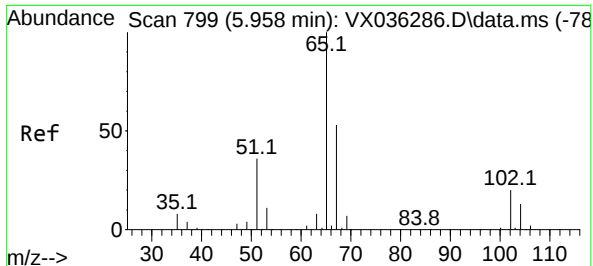
Tgt Ion:	84	Resp:	7493
Ion	Ratio	Lower	Upper
84	100		
49	113.2	103.6	155.4
51	34.7	33.8	50.6
86	78.7	49.4	74.0



#25
2-Butanone
Concen: 28.280 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.000 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

Tgt Ion:	43	Resp:	43667
Ion	Ratio	Lower	Upper
43	100		
72	27.8	19.4	29.2





#33

1,2-Dichloroethane-d4

Concen: 43.913 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX036399.D

Acq: 05 Jul 2023 13:21

Instrument :

MSVOA_X

ClientSampleId :

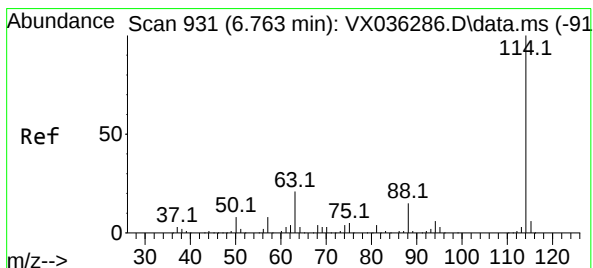
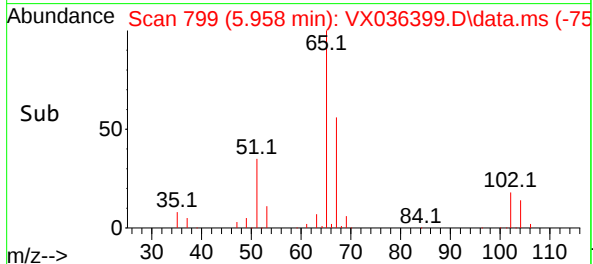
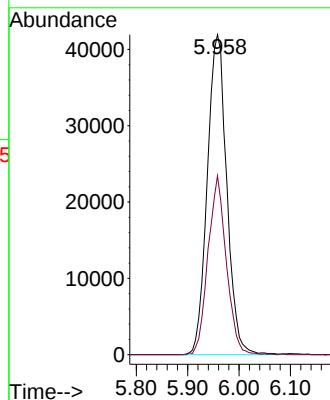
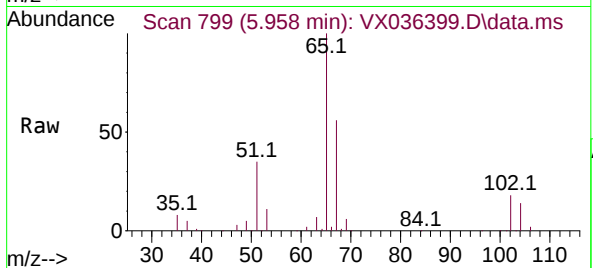
PB153983TB

Tgt Ion: 65 Resp: 110409

Ion Ratio Lower Upper

65 100

67 52.5 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: VX036399.D

Acq: 05 Jul 2023 13:21

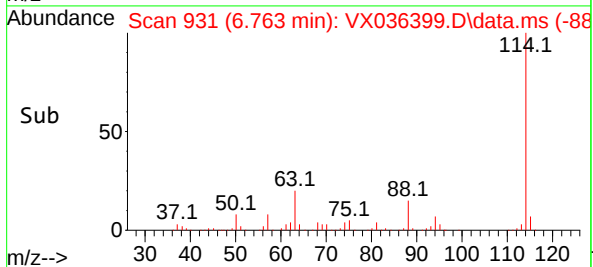
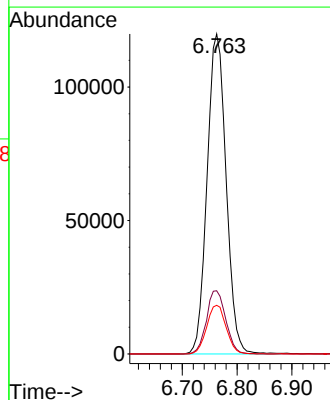
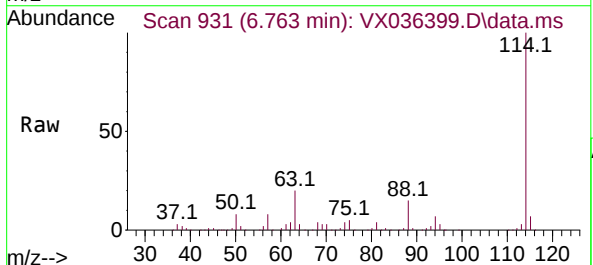
Tgt Ion: 114 Resp: 288777

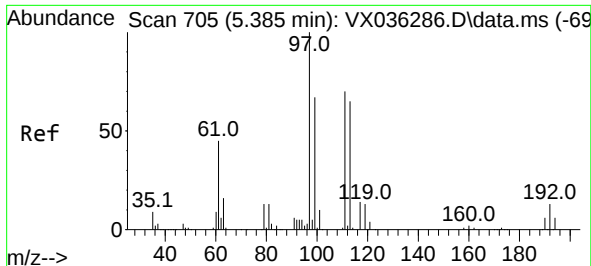
Ion Ratio Lower Upper

114 100

63 19.8 0.0 45.0

88 15.2 0.0 36.6

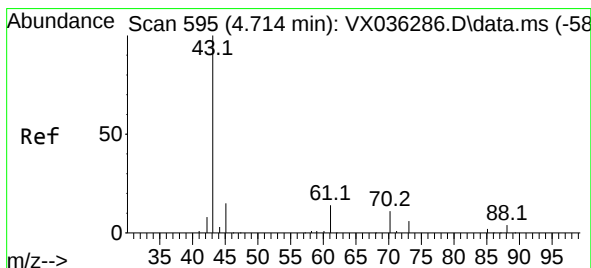
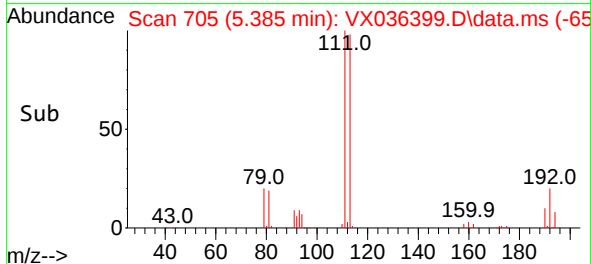
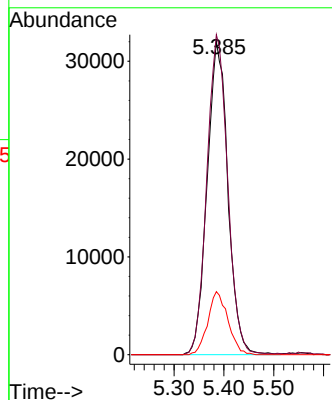
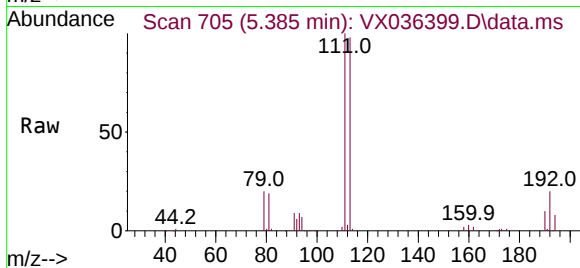




#35
Dibromofluoromethane
Concen: 48.652 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

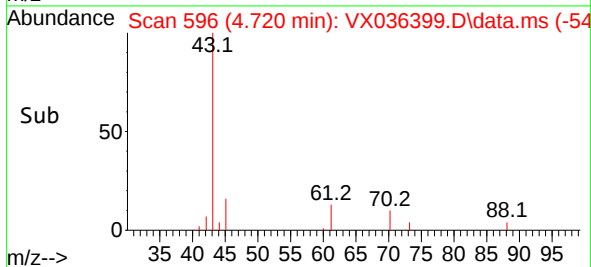
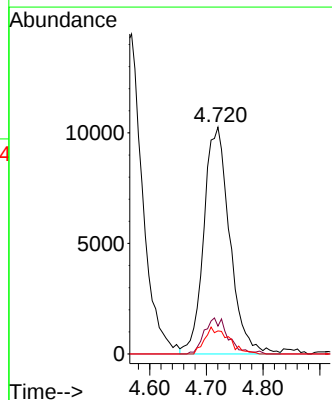
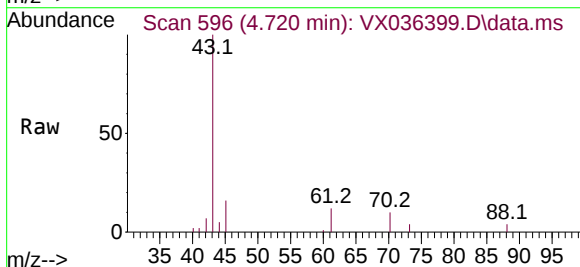
Instrument :
MSVOA_X
ClientSampleId :
PB153983TB

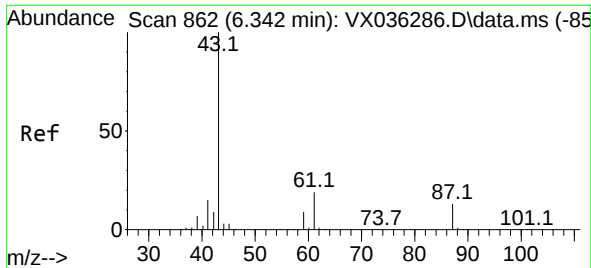
Tgt Ion:113 Resp: 92640
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 19.5 13.3 19.9



#37
Ethyl Acetate
Concen: 11.272 ug/l
RT: 4.720 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

Tgt Ion: 43 Resp: 32607
Ion Ratio Lower Upper
43 100
61 14.3 10.6 16.0
70 10.8 8.3 12.5

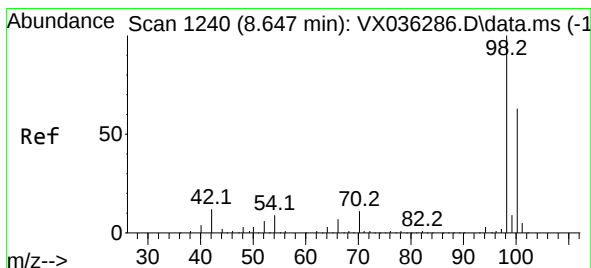
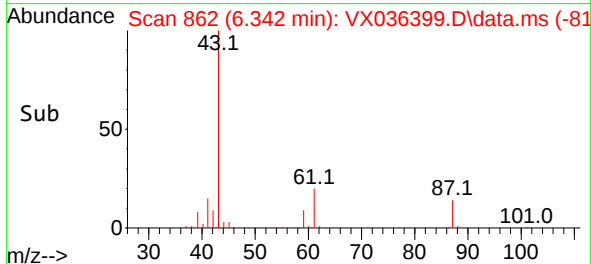
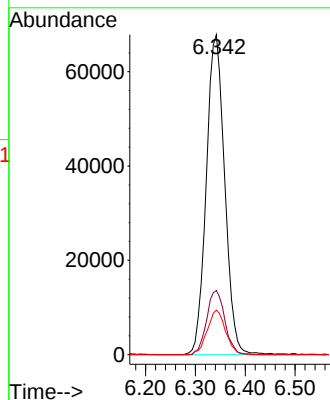
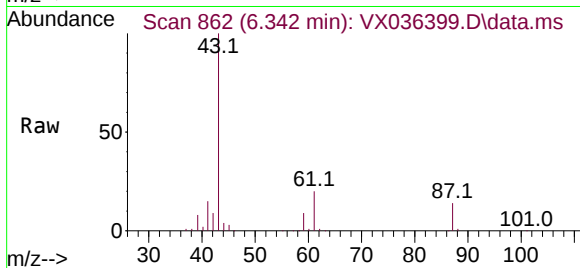




#43
Isopropyl Acetate
Concen: 37.735 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

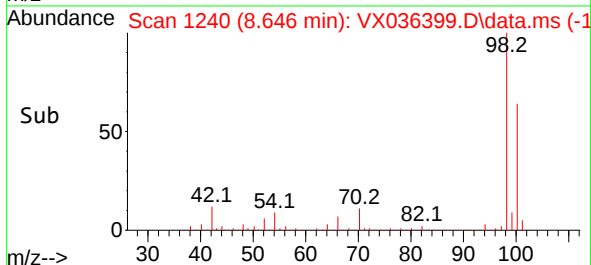
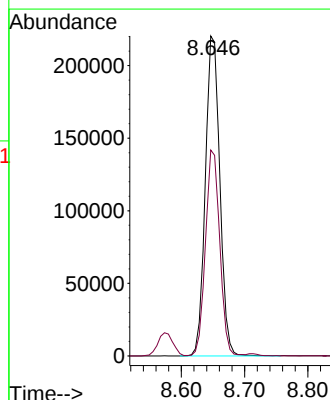
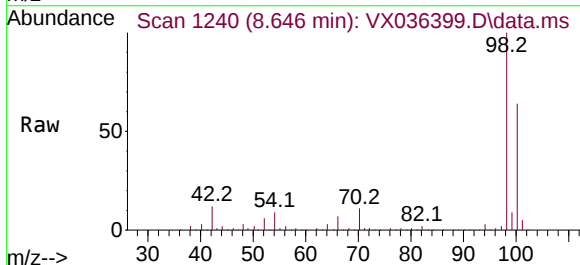
Instrument :
MSVOA_X
ClientSampleId :
PB153983TB

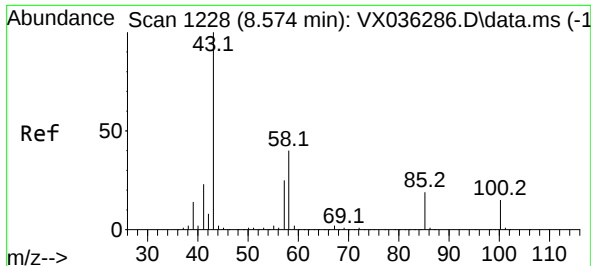
Tgt Ion: 43 Resp: 174144
Ion Ratio Lower Upper
43 100
61 19.9 15.2 22.8
87 13.8 9.8 14.6



#50
Toluene-d8
Concen: 49.521 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

Tgt Ion: 98 Resp: 352186
Ion Ratio Lower Upper
98 100
100 62.9 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 101.710 ug/l

RT: 8.573 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036399.D

Acq: 05 Jul 2023 13:21

Instrument :

MSVOA_X

ClientSampleId :

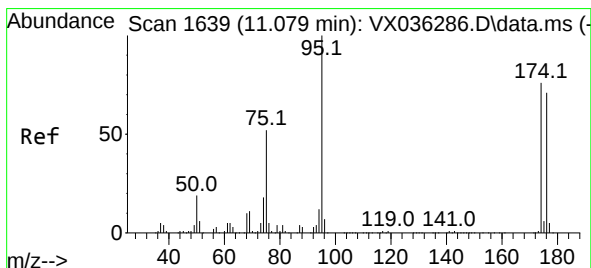
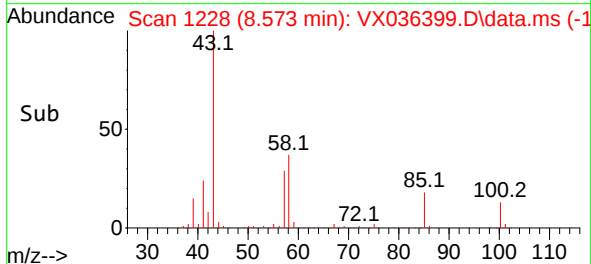
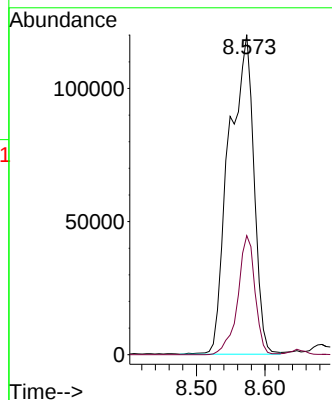
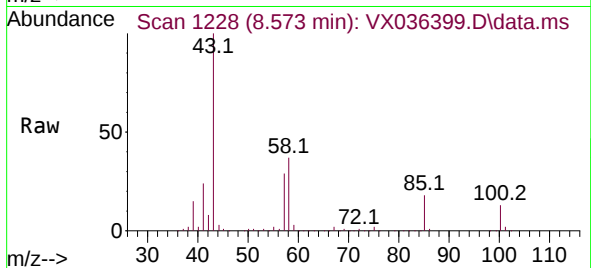
PB153983TB

Tgt Ion: 43 Resp: 302407

Ion Ratio Lower Upper

43 100

58 26.0 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 49.853 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX036399.D

Acq: 05 Jul 2023 13:21

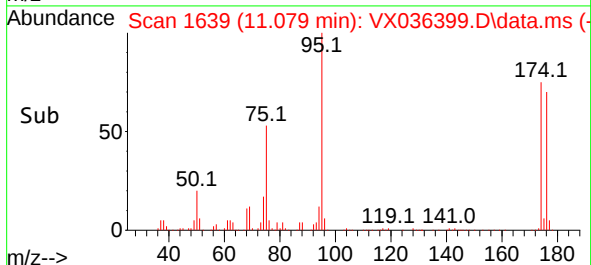
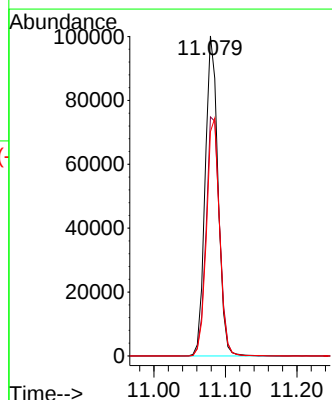
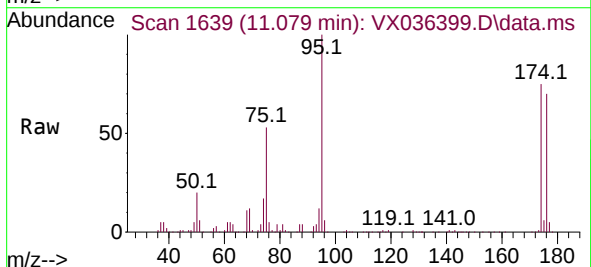
Tgt Ion: 95 Resp: 124884

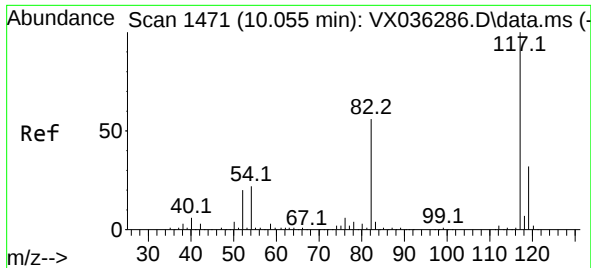
Ion Ratio Lower Upper

95 100

174 78.7 0.0 135.6

176 75.7 0.0 131.0

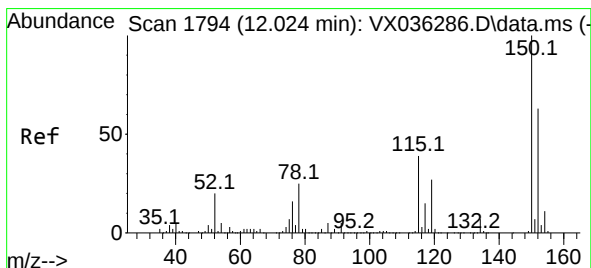
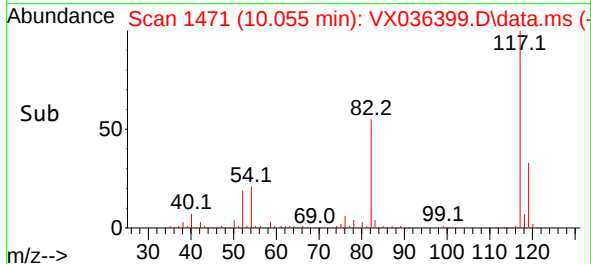
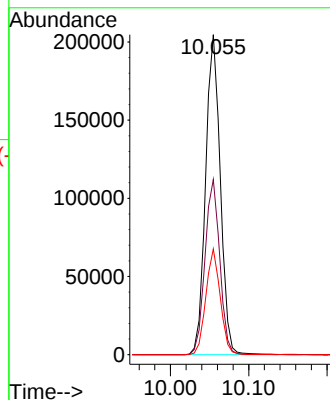
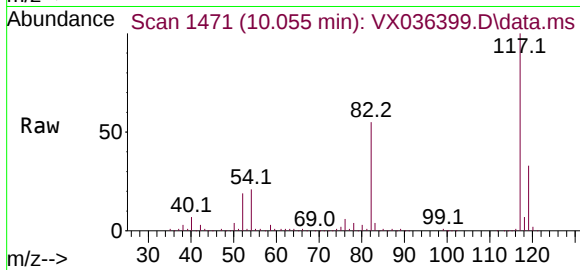




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

Instrument :
MSVOA_X
ClientSampleId :
PB153983TB

Tgt Ion:117 Resp: 266330
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 33.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

Tgt Ion:152 Resp: 120247
Ion Ratio Lower Upper
152 100
115 60.2 43.3 129.9
150 159.0 0.0 345.0

