

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070523\
 Data File : VX036401.D
 Acq On : 05 Jul 2023 14:08
 Operator : JC/MD
 Sample : PB153983ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB153983ZHE#02

Quant Time: Jul 06 04:50:57 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)

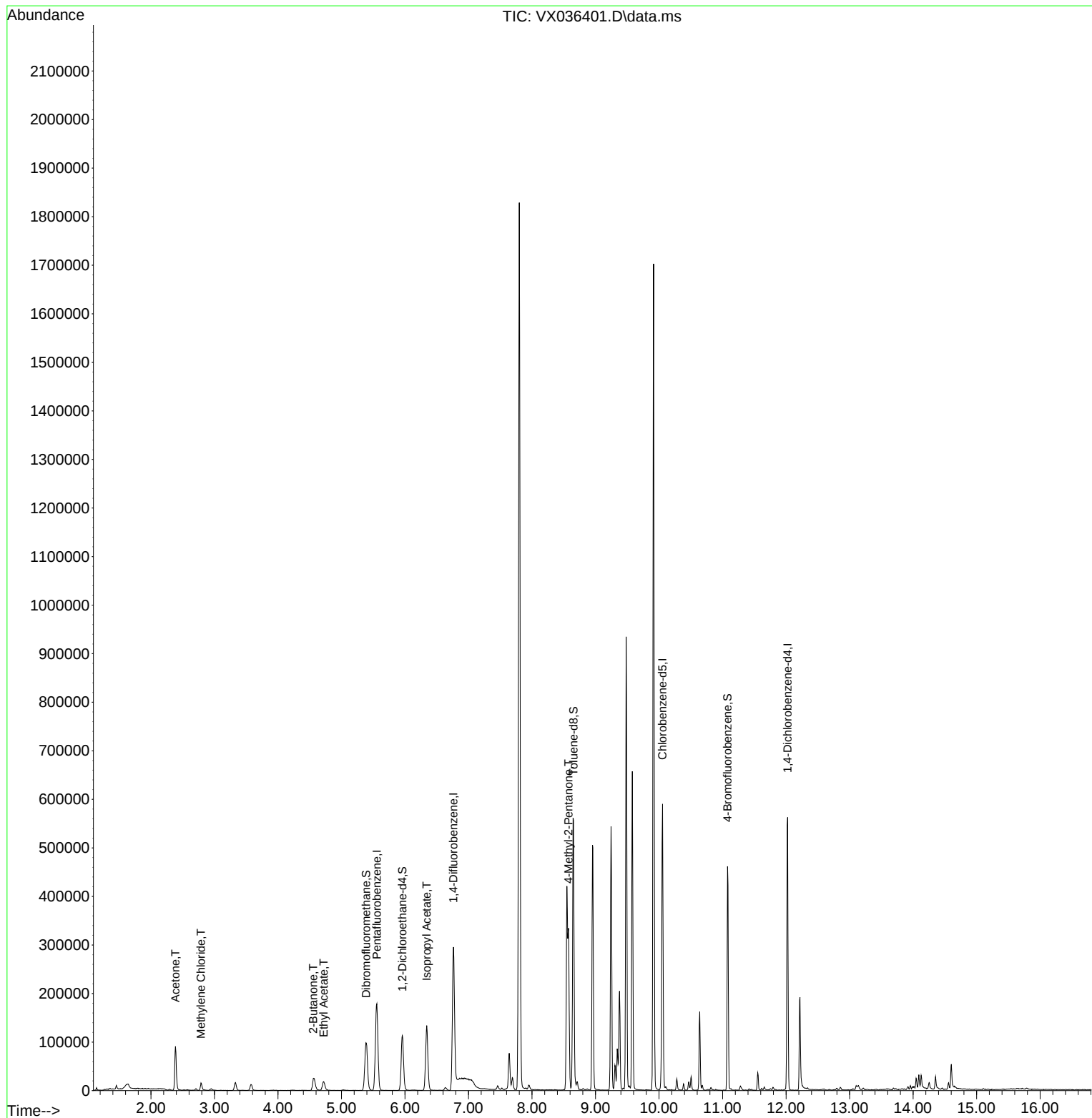
Internal Standards						
1) Pentafluorobenzene	5.556	168	167305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	287103	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	108180	45.109	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.220%
35) Dibromofluoromethane	5.385	113	90400	47.753	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.500%
50) Toluene-d8	8.652	98	339761	48.052	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.100%
62) 4-Bromofluorobenzene	11.079	95	121105	48.626	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.260%
Target Compounds						
					Qvalue	
16) Acetone	2.385	43	101909	99.418	ug/l	94
20) Methylene Chloride	2.788	84	7222	3.272	ug/l	86
25) 2-Butanone	4.556	43	45022	30.569	ug/l	98
37) Ethyl Acetate	4.720	43	31898	11.091	ug/l	97
43) Isopropyl Acetate	6.342	43	179279	39.074	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	307404	103.994	ug/l #	79

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

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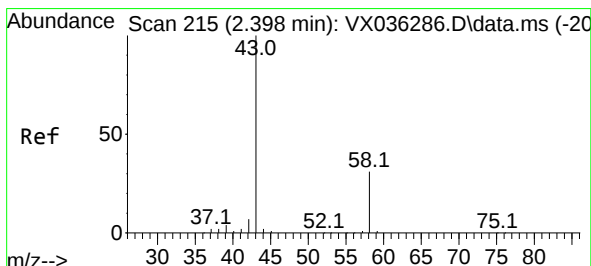
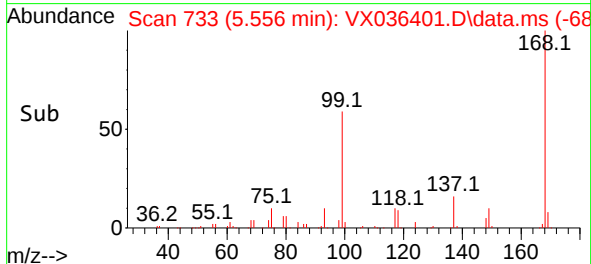
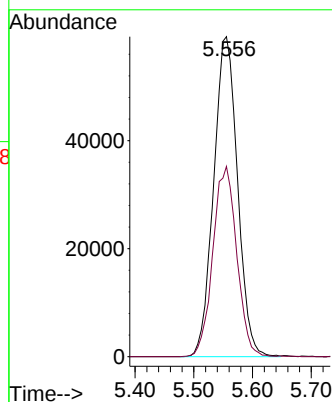
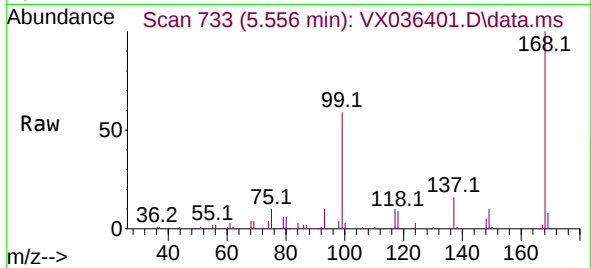




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036401.D
Acq: 05 Jul 2023 14:08

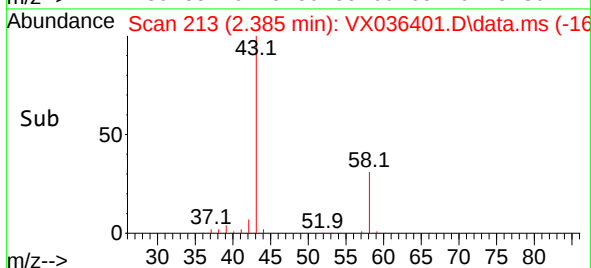
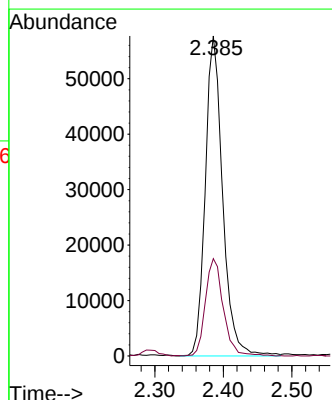
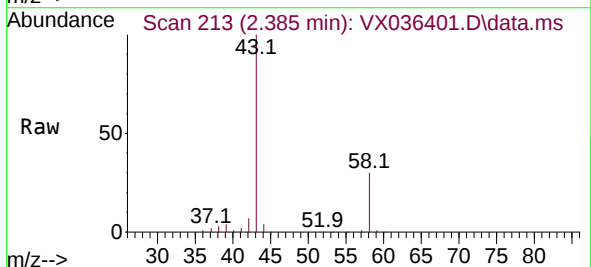
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#02

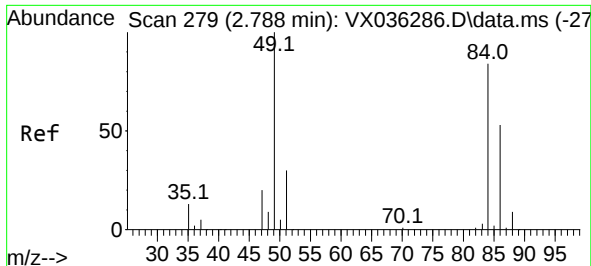
Tgt Ion:168 Resp: 167305
Ion Ratio Lower Upper
168 100
99 59.4 56.6 85.0



#16
Acetone
Concen: 99.418 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.019 min
Lab File: VX036401.D
Acq: 05 Jul 2023 14:08

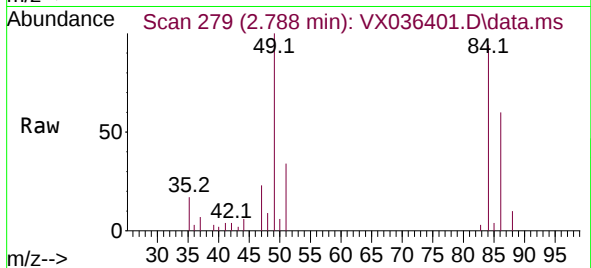
Tgt Ion: 43 Resp: 101909
Ion Ratio Lower Upper
43 100
58 30.3 21.9 32.9



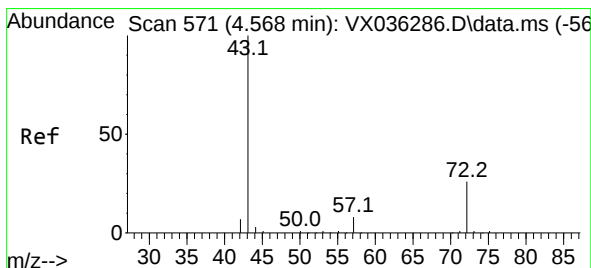
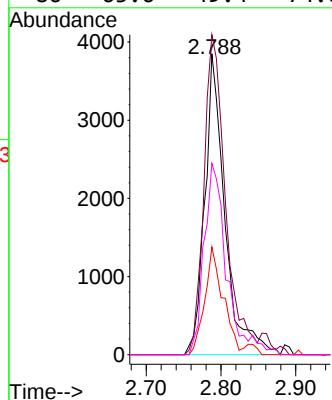


#20
Methylene Chloride
Concen: 3.272 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX036401.D
Acq: 05 Jul 2023 14:08

Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#02

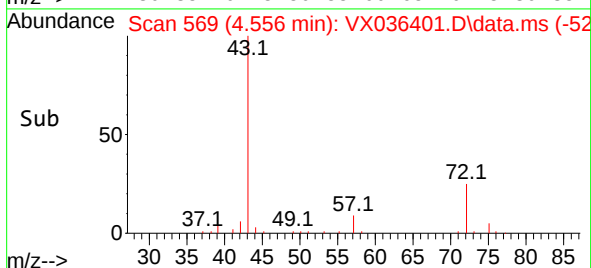
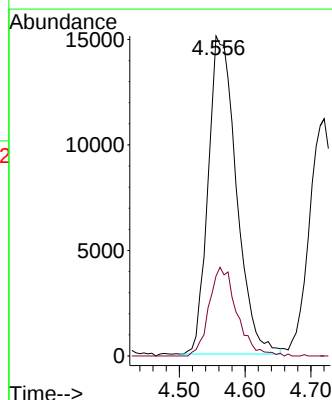
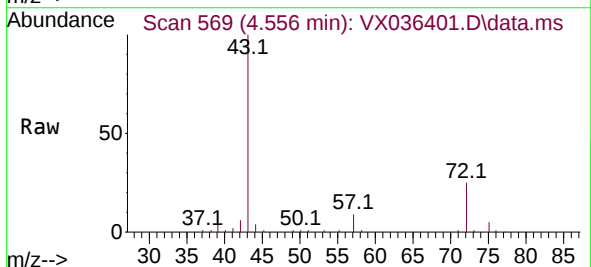


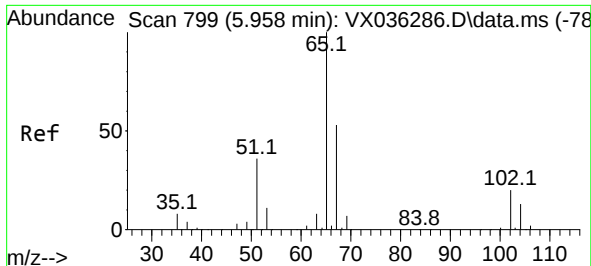
Tgt Ion: 84	Resp: 7222
Ion Ratio	Lower Upper
84 100	
49 106.3	103.6 155.4
51 35.7	33.8 50.6
86 63.6	49.4 74.0



#25
2-Butanone
Concen: 30.569 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.012 min
Lab File: VX036401.D
Acq: 05 Jul 2023 14:08

Tgt Ion: 43	Resp: 45022		
Ion Ratio	Lower	Upper	
43 100			
72 25.2	19.4	29.2	





#33

1,2-Dichloroethane-d4

Concen: 45.109 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX036401.D

Acq: 05 Jul 2023 14:08

Instrument :

MSVOA_X

ClientSampleId :

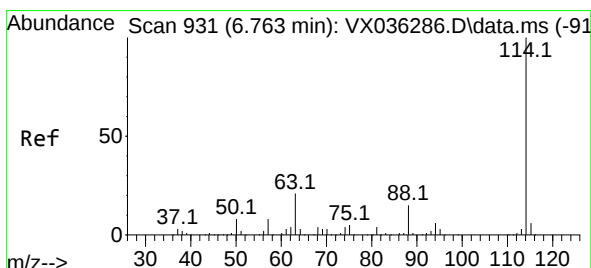
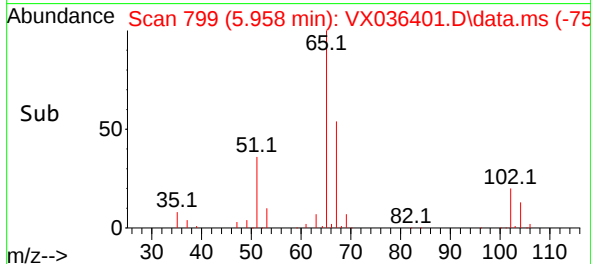
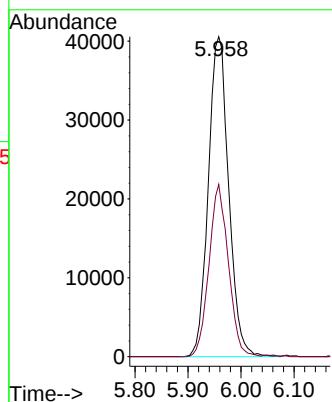
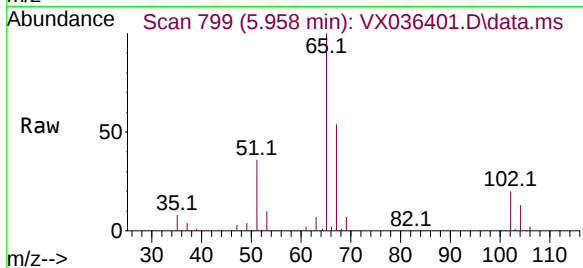
PB153983ZHE#02

Tgt Ion: 65 Resp: 108180

Ion Ratio Lower Upper

65 100

67 51.2 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: VX036401.D

Acq: 05 Jul 2023 14:08

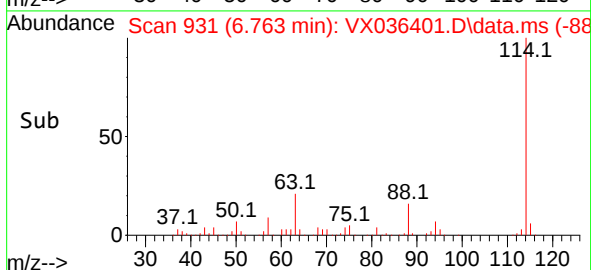
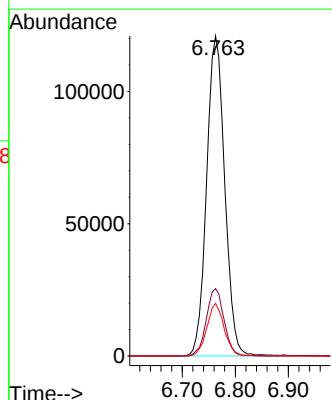
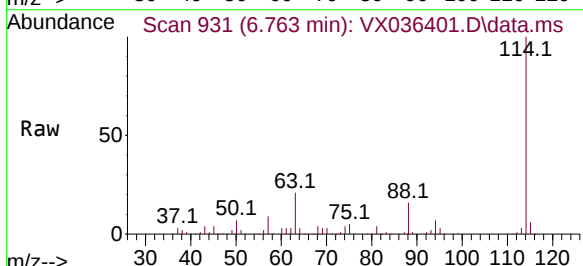
Tgt Ion: 114 Resp: 287103

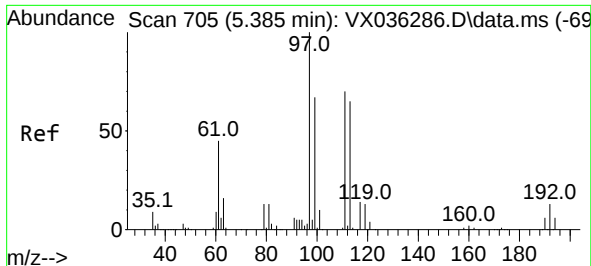
Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.0

88 16.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.753 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX036401.D

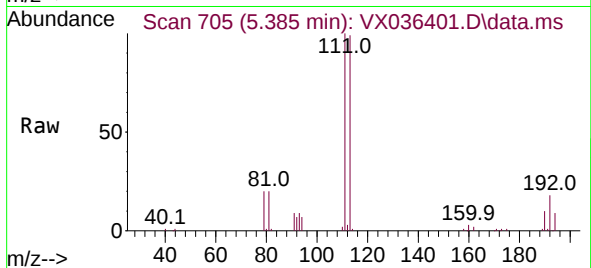
Acq: 05 Jul 2023 14:08

Instrument :

MSVOA_X

ClientSampleId :

PB153983ZHE#02



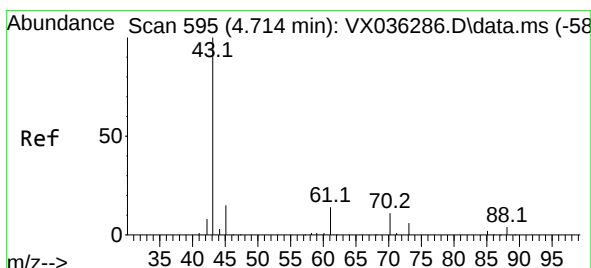
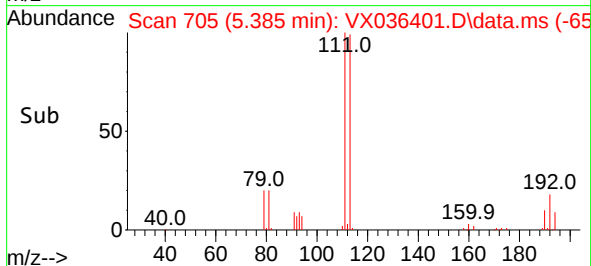
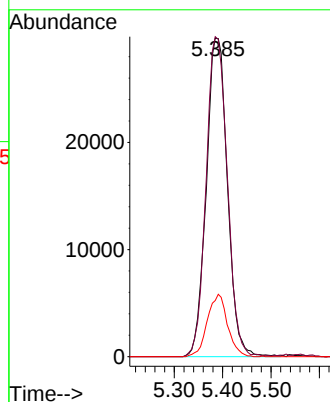
Tgt Ion:113 Resp: 90400

Ion Ratio Lower Upper

113 100

111 100.8 82.9 124.3

192 18.7 13.3 19.9



#37

Ethyl Acetate

Concen: 11.091 ug/l

RT: 4.720 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX036401.D

Acq: 05 Jul 2023 14:08

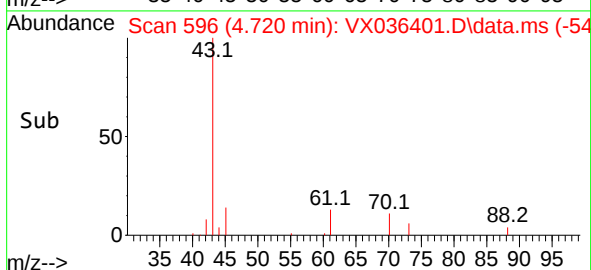
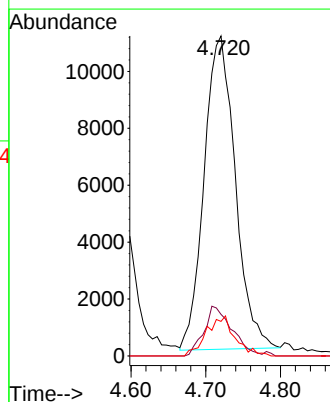
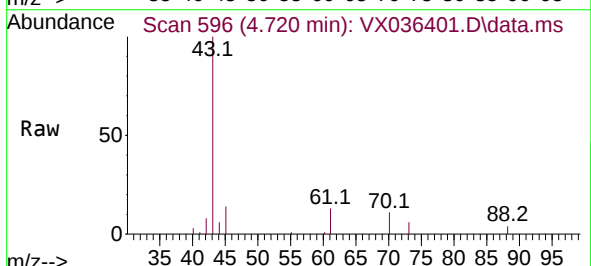
Tgt Ion: 43 Resp: 31898

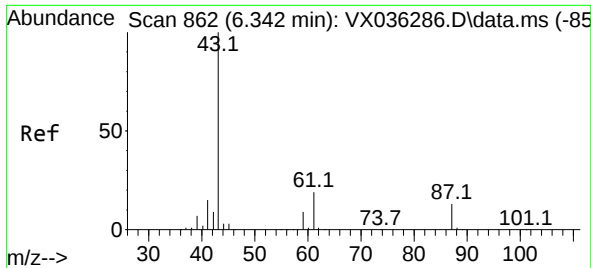
Ion Ratio Lower Upper

43 100

61 14.3 10.6 16.0

70 11.7 8.3 12.5

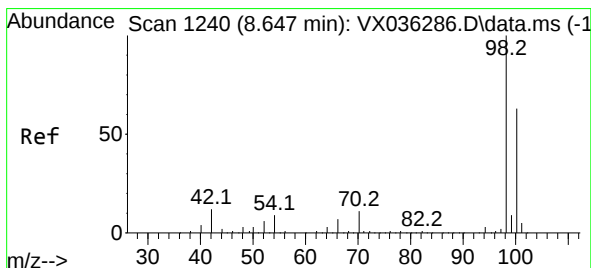
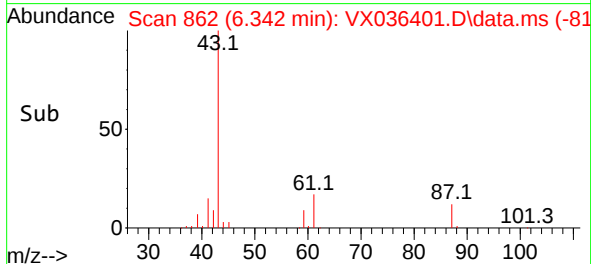
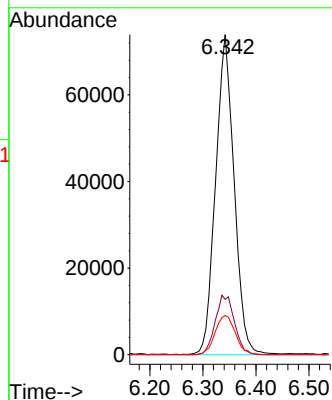
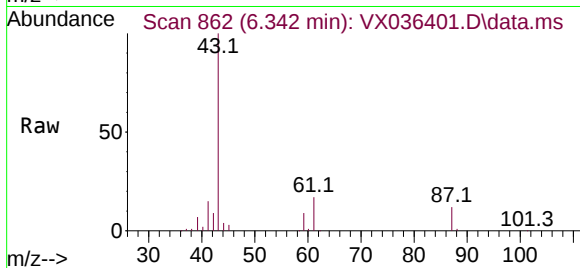




#43
Isopropyl Acetate
Concen: 39.074 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX036401.D
Acq: 05 Jul 2023 14:08

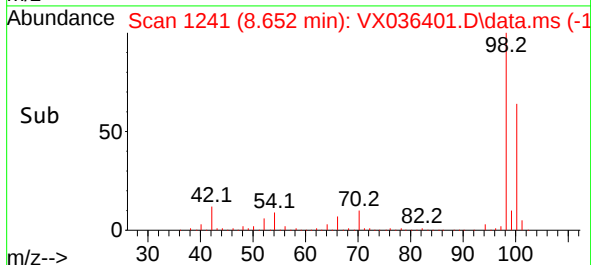
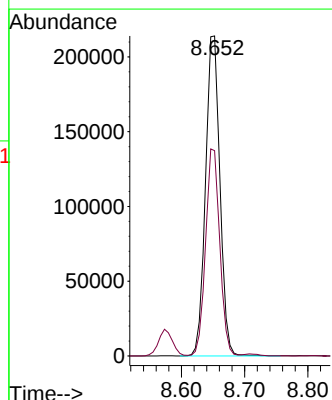
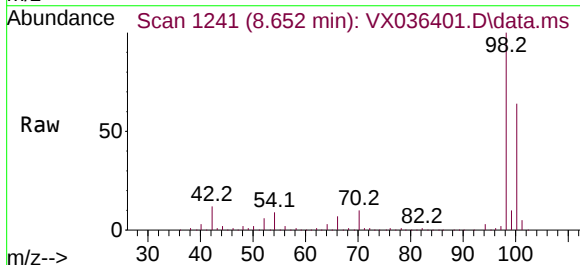
Instrument :
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PB153983ZHE#02

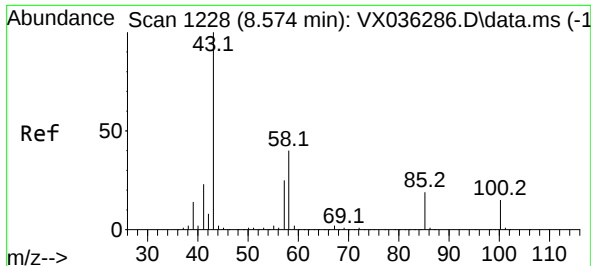
Tgt Ion: 43 Resp: 179279
Ion Ratio Lower Upper
43 100
61 19.3 15.2 22.8
87 13.4 9.8 14.6



#50
Toluene-d8
Concen: 48.052 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX036401.D
Acq: 05 Jul 2023 14:08

Tgt Ion: 98 Resp: 339761
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 103.994 ug/l

RT: 8.573 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036401.D

Acq: 05 Jul 2023 14:08

Instrument :

MSVOA_X

ClientSampleId :

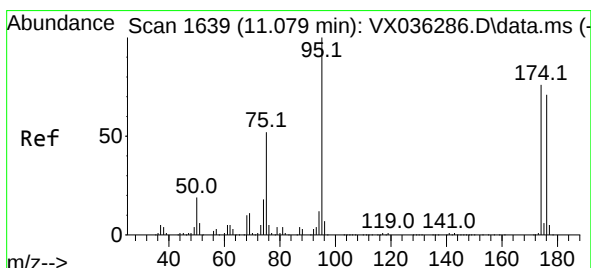
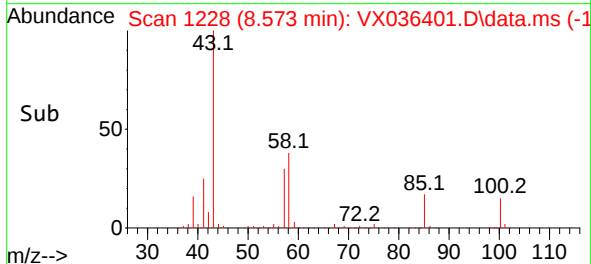
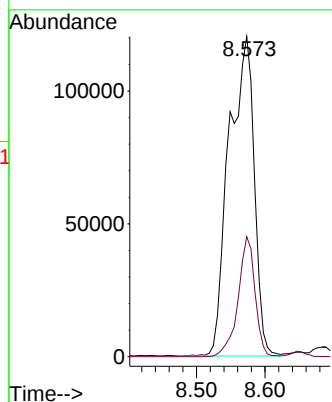
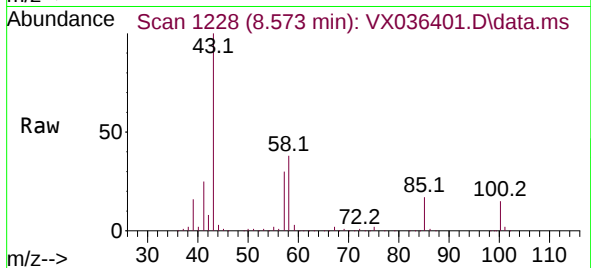
PB153983ZHE#02

Tgt Ion: 43 Resp: 307404

Ion Ratio Lower Upper

43 100

58 25.3 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 48.626 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX036401.D

Acq: 05 Jul 2023 14:08

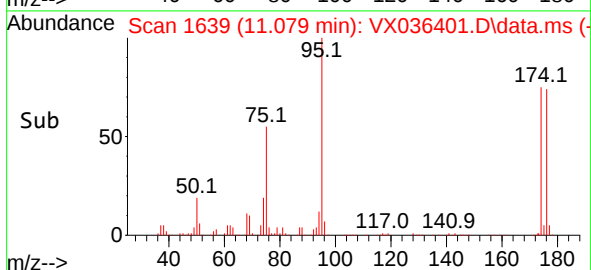
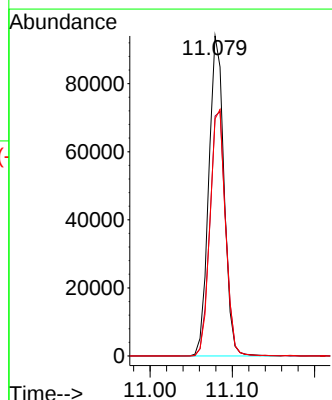
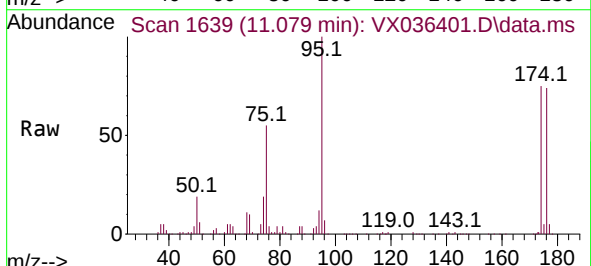
Tgt Ion: 95 Resp: 121105

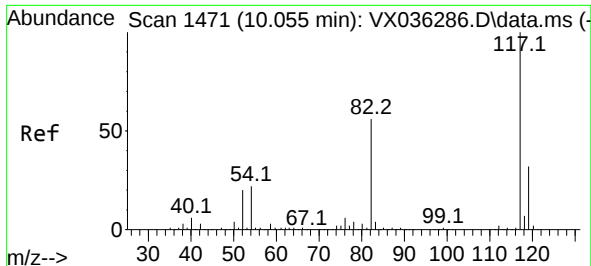
Ion Ratio Lower Upper

95 100

174 78.9 0.0 135.6

176 78.1 0.0 131.0

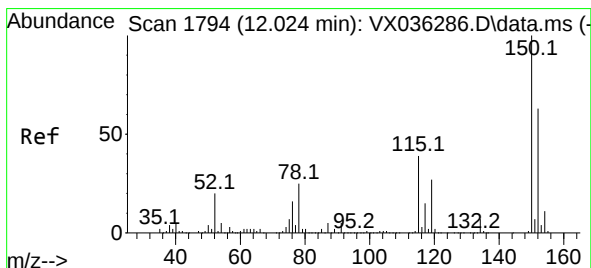
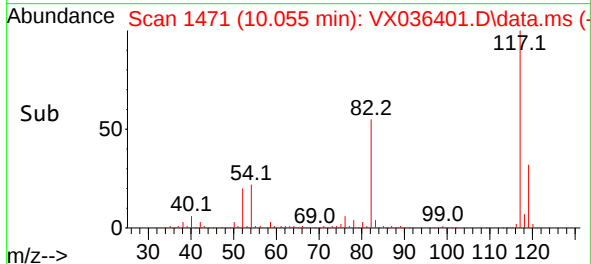
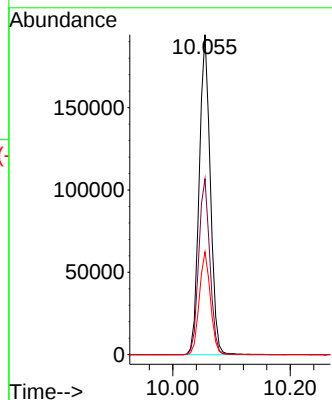
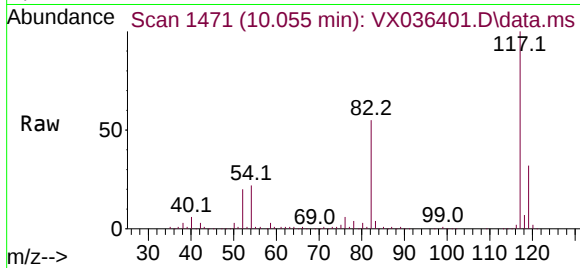




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036401.D
Acq: 05 Jul 2023 14:08

Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#02

Tgt Ion:117 Resp: 255003
Ion Ratio Lower Upper
117 100
82 54.9 46.2 69.4
119 32.1 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: VX036401.D
Acq: 05 Jul 2023 14:08

Tgt Ion:152 Resp: 118268
Ion Ratio Lower Upper
152 100
115 58.4 43.3 129.9
150 156.9 0.0 345.0

