

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070523\
 Data File : VX036406.D
 Acq On : 05 Jul 2023 16:07
 Operator : JC/MD
 Sample : PB153983ZHE#07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB153983ZHE#07

Quant Time: Jul 06 04:53:12 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)

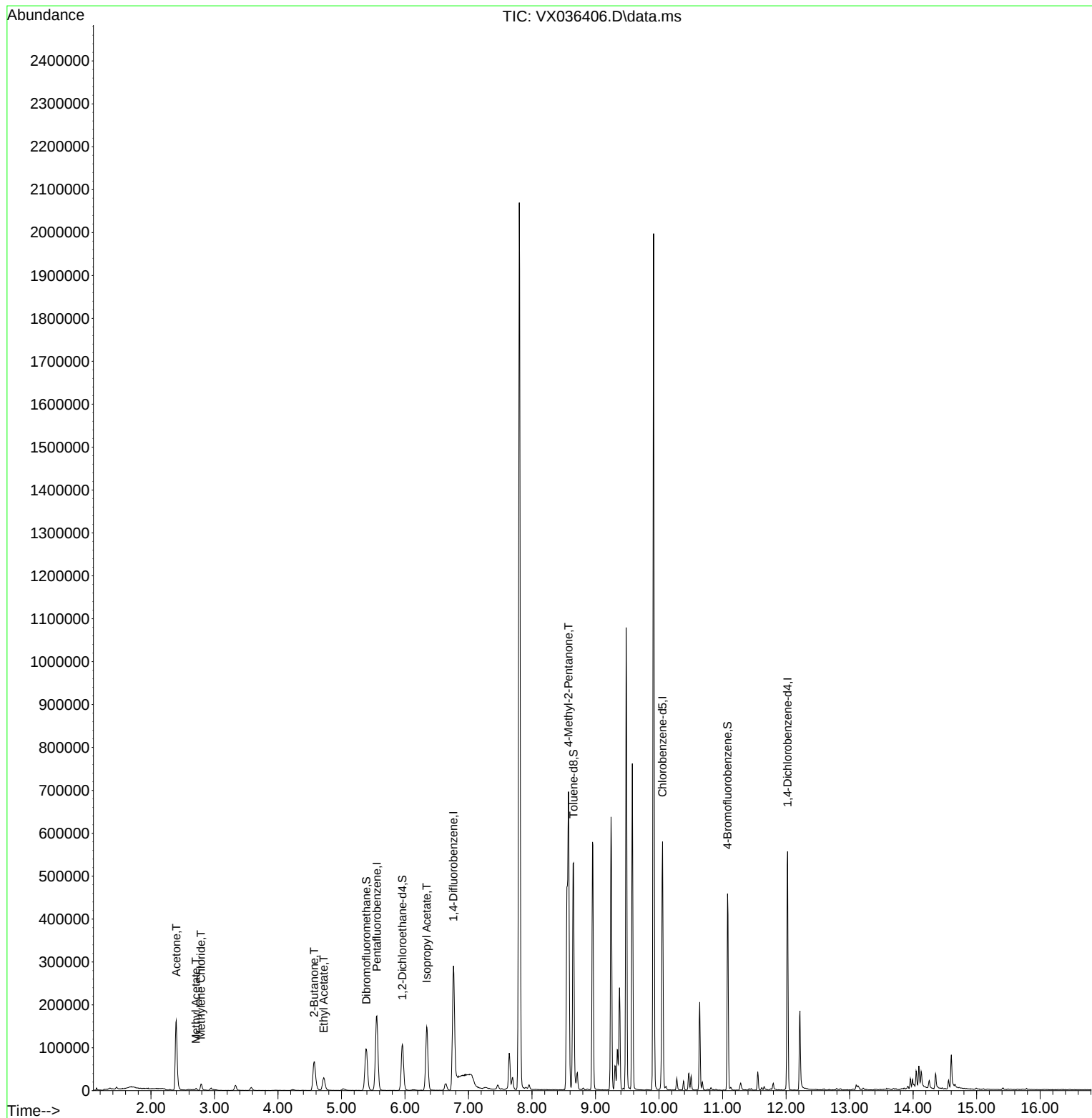
Internal Standards						
1) Pentafluorobenzene	5.556	168	163227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	273878	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	104404	44.622	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.240%		
35) Dibromofluoromethane	5.391	113	85713	47.463	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.920%		
50) Toluene-d8	8.652	98	329569	48.862	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.720%		
62) 4-Bromofluorobenzene	11.079	95	117659	49.524	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.040%		
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	219924	219.908	ug/l	93
18) Methyl Acetate	2.708	43	4467	1.086	ug/l	94
20) Methylene Chloride	2.788	84	7117	3.305	ug/l	95
25) 2-Butanone	4.568	43	120567	83.907	ug/l	96
37) Ethyl Acetate	4.720	43	53614	19.541	ug/l	98
43) Isopropyl Acetate	6.342	43	201829	46.113	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	526305	186.645	ug/l #	87

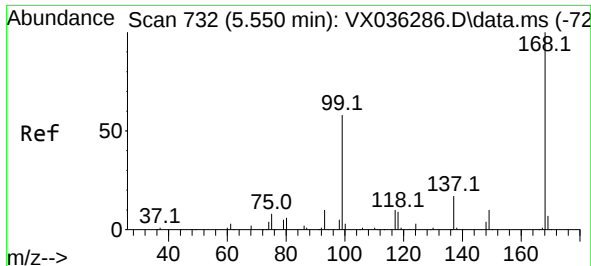
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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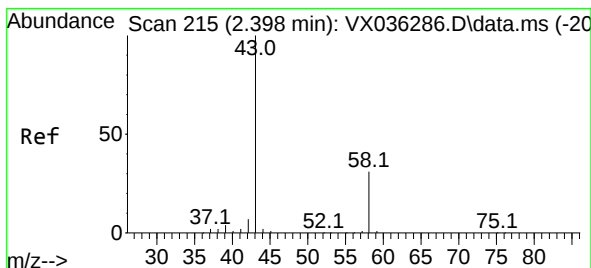
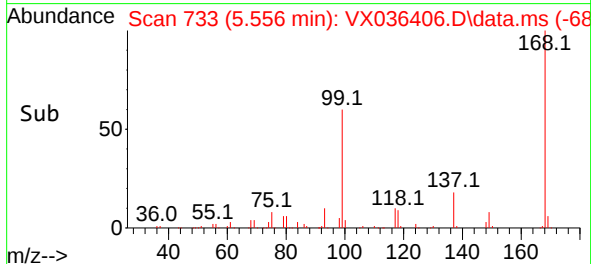
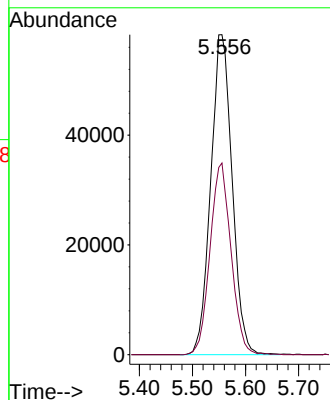
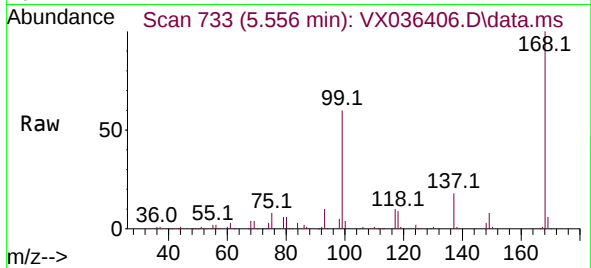




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036406.D
Acq: 05 Jul 2023 16:07

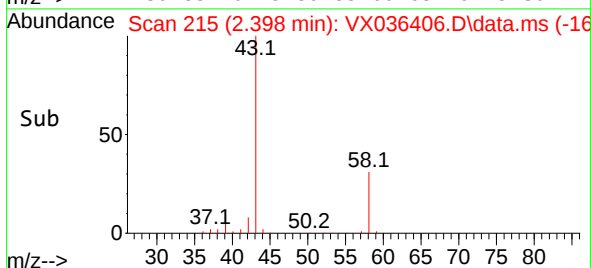
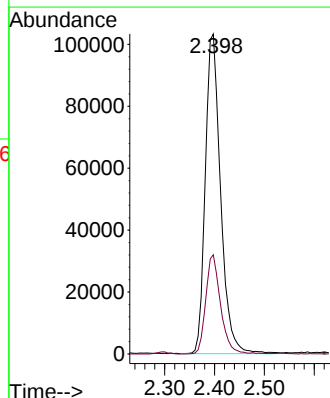
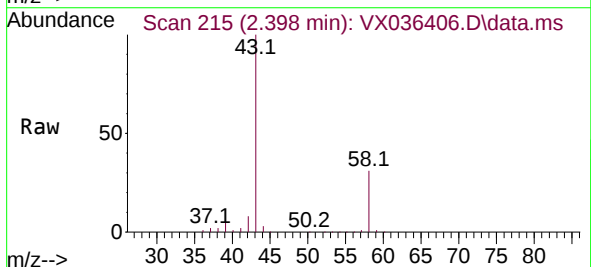
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#07

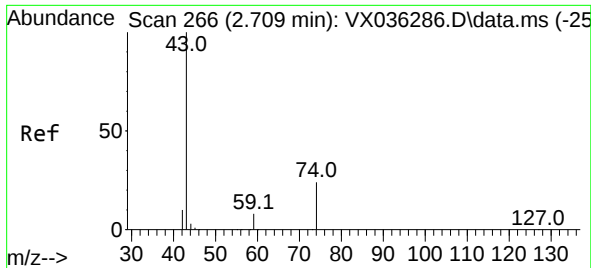
Tgt Ion:168 Resp: 163227
Ion Ratio Lower Upper
168 100
99 59.9 56.6 85.0



#16
Acetone
Concen: 219.908 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX036406.D
Acq: 05 Jul 2023 16:07

Tgt Ion: 43 Resp: 219924
Ion Ratio Lower Upper
43 100
58 31.0 21.9 32.9

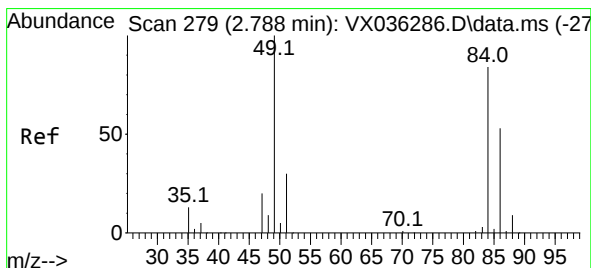
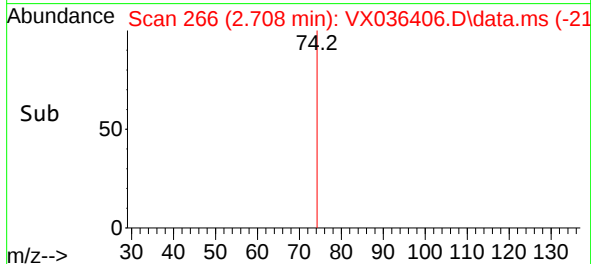
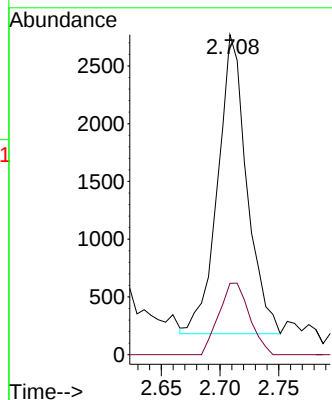
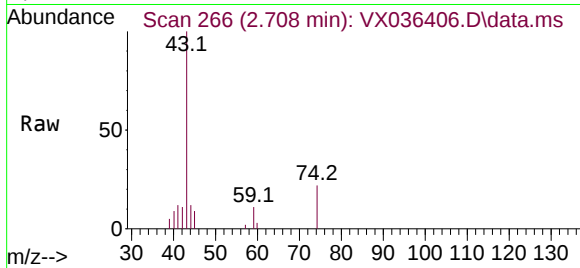




#18
Methyl Acetate
Concen: 1.086 ug/l
RT: 2.708 min Scan# 20
Delta R.T. -0.001 min
Lab File: VX036406.D
Acq: 05 Jul 2023 16:07

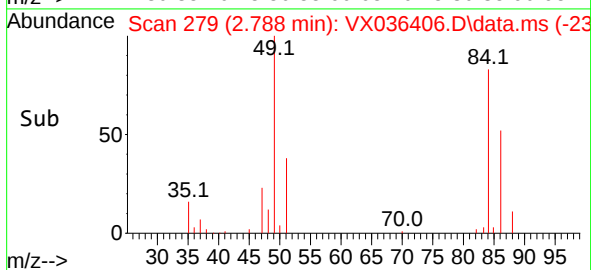
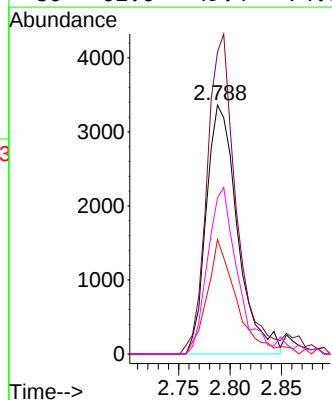
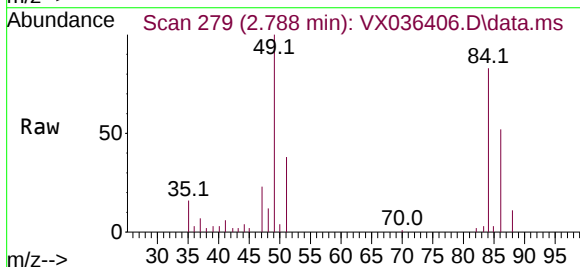
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#07

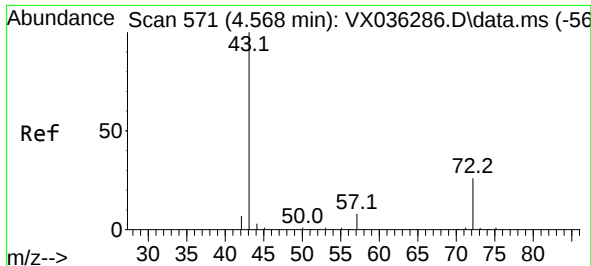
Tgt Ion: 43 Resp: 4467
Ion Ratio Lower Upper
43 100
74 25.2 17.8 26.8



#20
Methylene Chloride
Concen: 3.305 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036406.D
Acq: 05 Jul 2023 16:07

Tgt Ion: 84 Resp: 7117
Ion Ratio Lower Upper
84 100
49 121.2 103.6 155.4
51 46.0 33.8 50.6
86 62.6 49.4 74.0

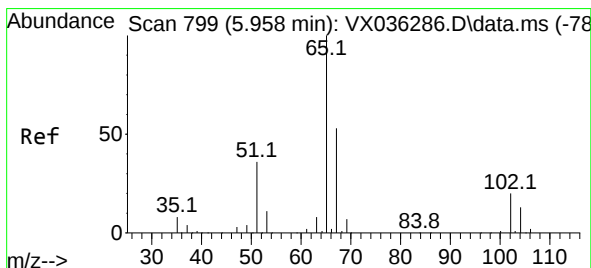
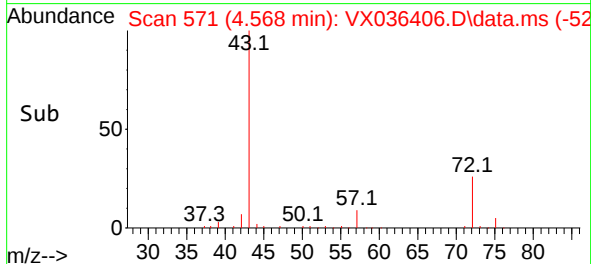
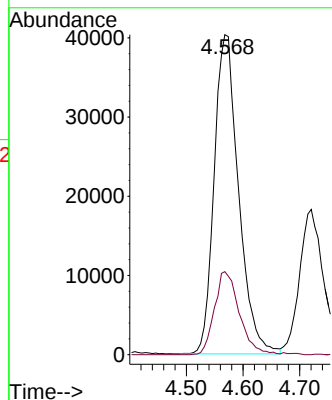
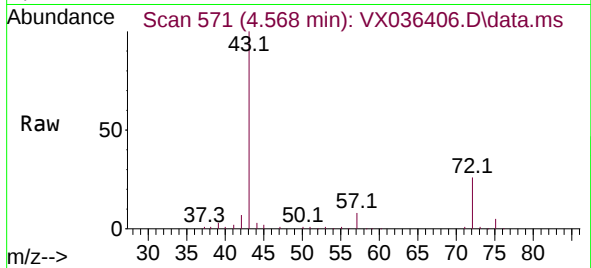




#25
2-Butanone
Concen: 83.907 ug/l
RT: 4.568 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX036406.D
Acq: 05 Jul 2023 16:07

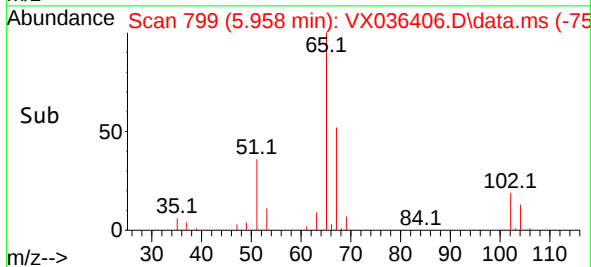
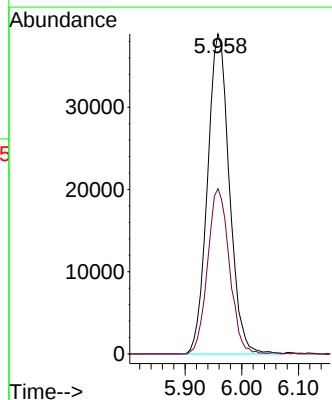
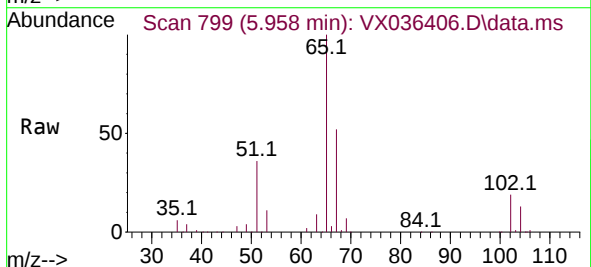
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#07

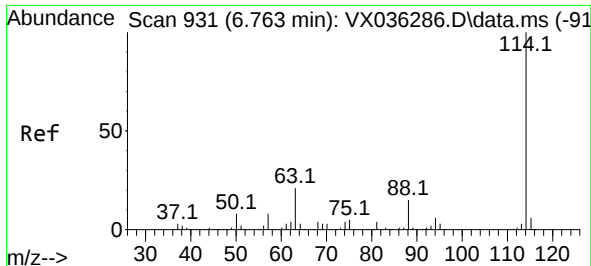
Tgt Ion: 43 Resp: 120567
Ion Ratio Lower Upper
43 100
72 26.0 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 44.622 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX036406.D
Acq: 05 Jul 2023 16:07

Tgt Ion: 65 Resp: 104404
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2

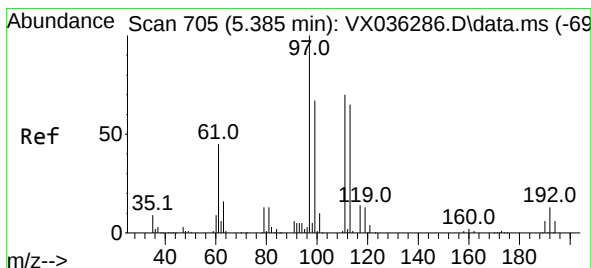
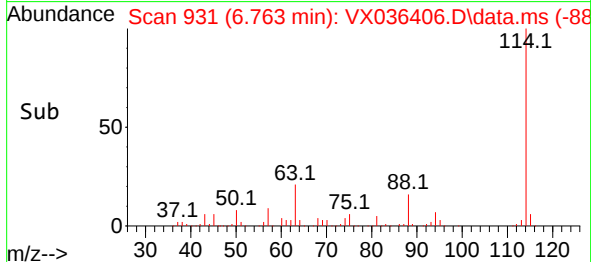
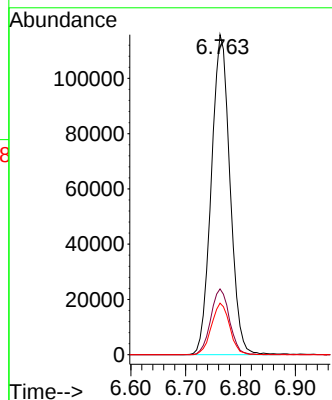
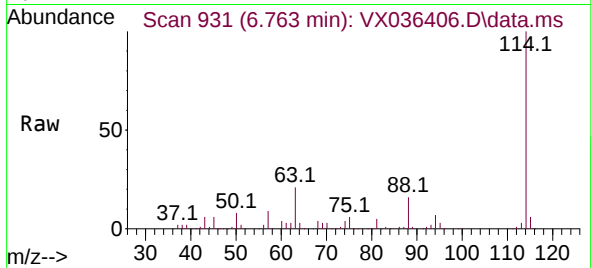




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036406.D
Acq: 05 Jul 2023 16:07

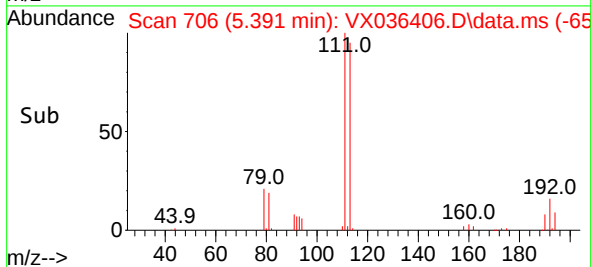
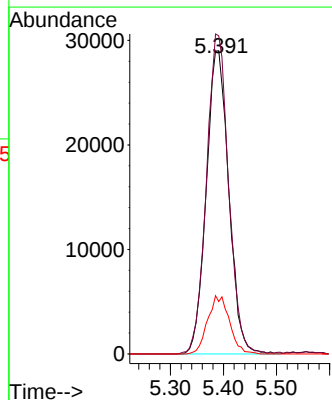
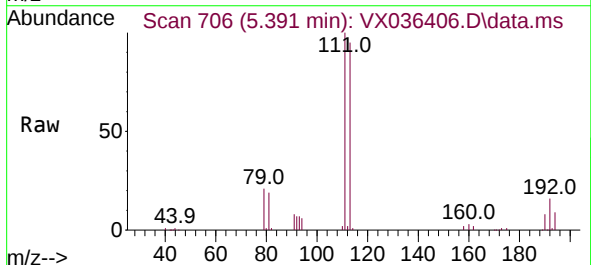
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#07

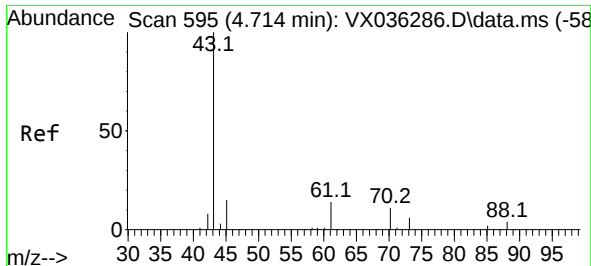
Tgt Ion:114 Resp: 273878
Ion Ratio Lower Upper
114 100
63 20.5 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.463 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036406.D
Acq: 05 Jul 2023 16:07

Tgt Ion:113 Resp: 85713
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 18.6 13.3 19.9





#37

Ethyl Acetate

Concen: 19.541 ug/l

RT: 4.720 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX036406.D

Acq: 05 Jul 2023 16:07

Instrument :

MSVOA_X

ClientSampleId :

PB153983ZHE#07

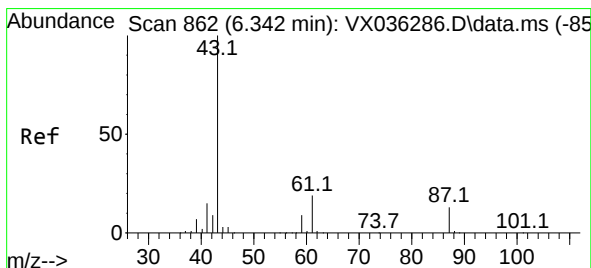
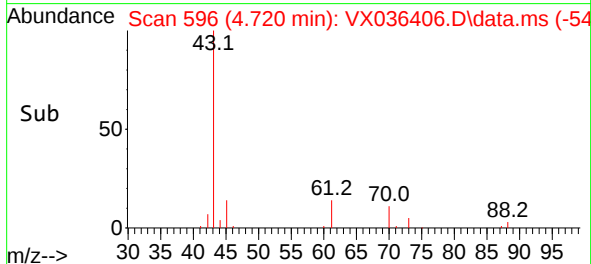
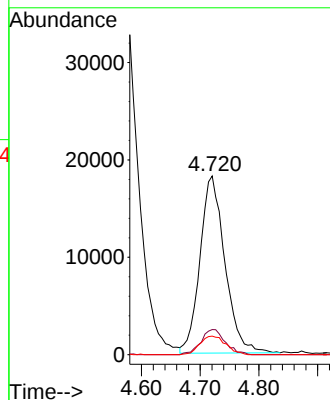
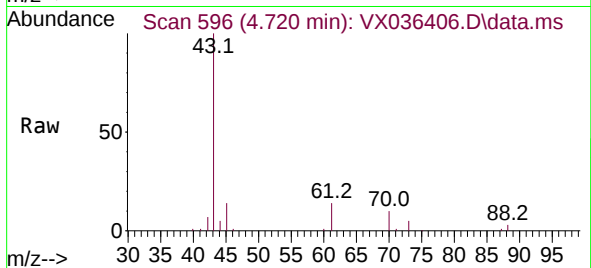
Tgt Ion: 43 Resp: 53614

Ion Ratio Lower Upper

43 100

61 13.9 10.6 16.0

70 11.0 8.3 12.5



#43

Isopropyl Acetate

Concen: 46.113 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX036406.D

Acq: 05 Jul 2023 16:07

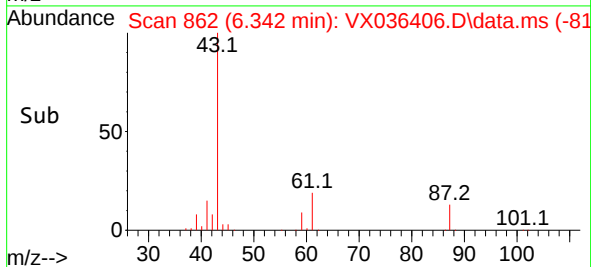
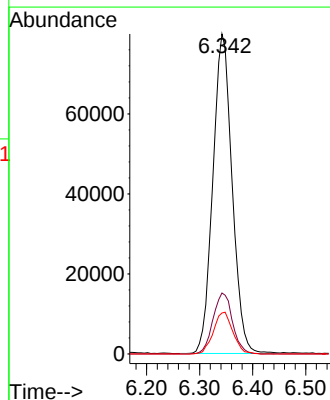
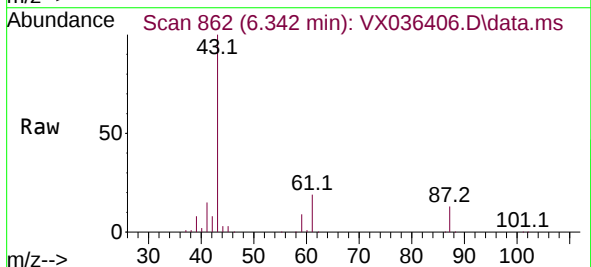
Tgt Ion: 43 Resp: 201829

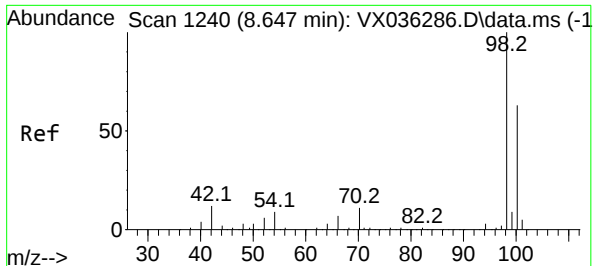
Ion Ratio Lower Upper

43 100

61 19.3 15.2 22.8

87 13.2 9.8 14.6

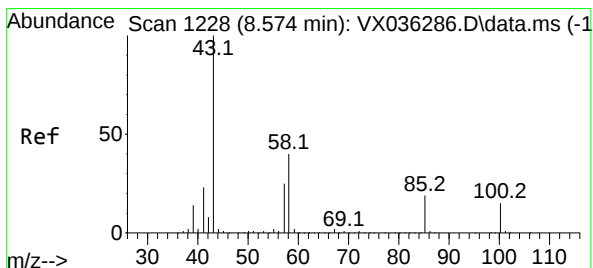
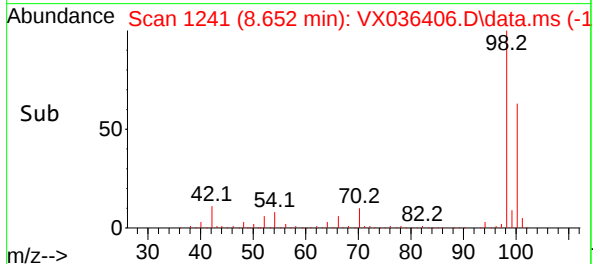
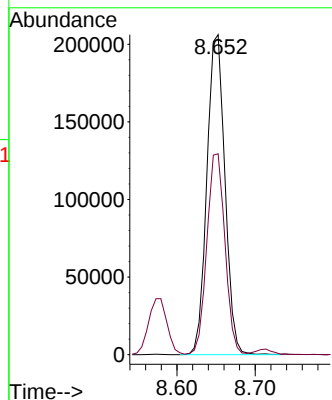
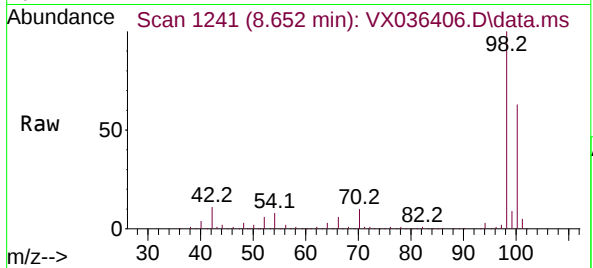




#50
Toluene-d8
Concen: 48.862 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX036406.D
Acq: 05 Jul 2023 16:07

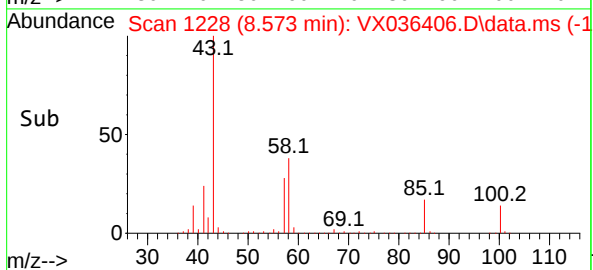
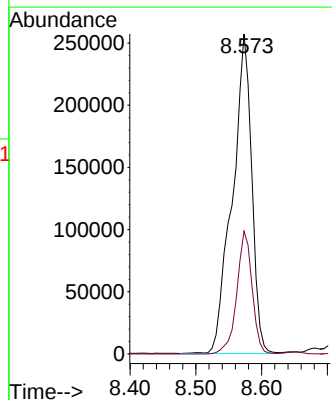
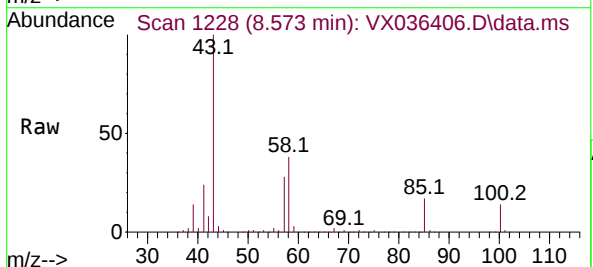
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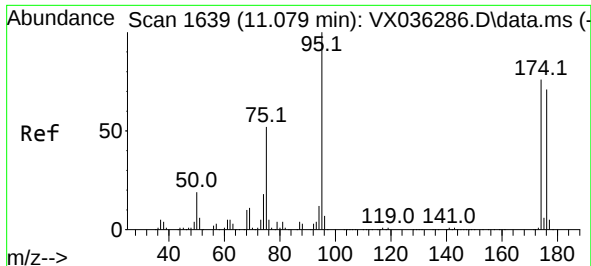
Tgt Ion: 98 Resp: 329569
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 186.645 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX036406.D
Acq: 05 Jul 2023 16:07

Tgt Ion: 43 Resp: 526305
Ion Ratio Lower Upper
43 100
58 30.4 30.4 45.6

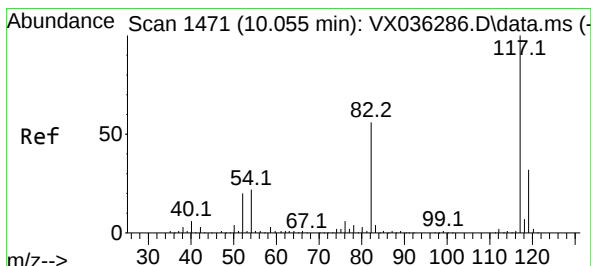
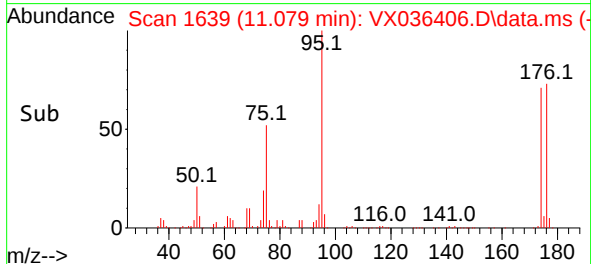
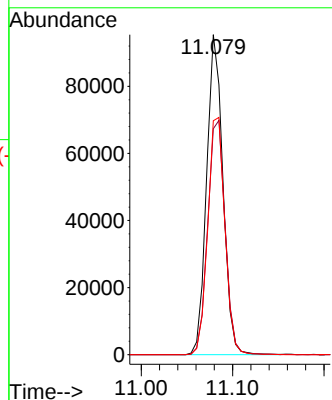
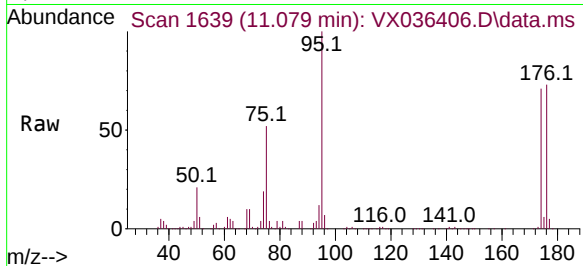




#62
4-Bromofluorobenzene
Concen: 49.524 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036406.D
Acq: 05 Jul 2023 16:07

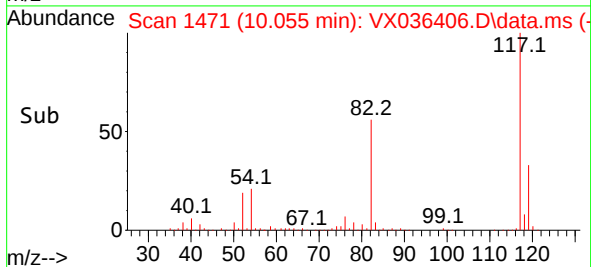
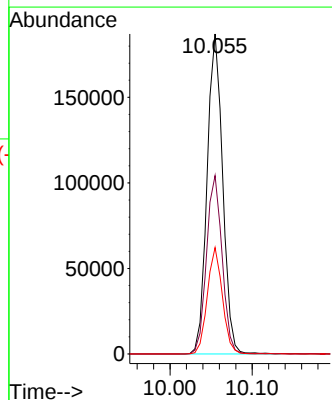
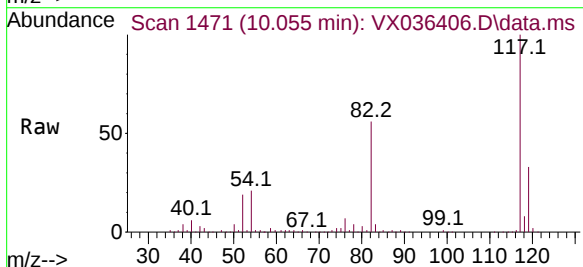
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#07

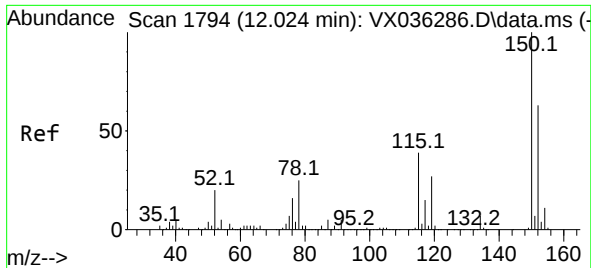
Tgt Ion: 95 Resp: 117659
Ion Ratio Lower Upper
95 100
174 78.4 0.0 135.6
176 78.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036406.D
Acq: 05 Jul 2023 16:07

Tgt Ion: 117 Resp: 246188
Ion Ratio Lower Upper
117 100
82 55.8 46.2 69.4
119 33.3 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: VX036406.D

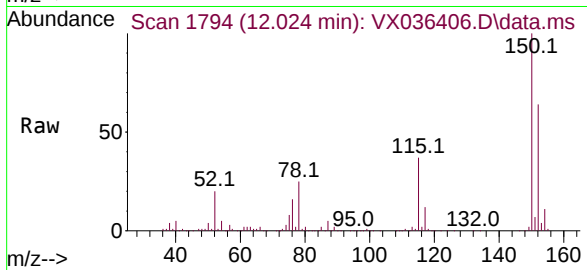
Acq: 05 Jul 2023 16:07

Instrument :

MSVOA_X

ClientSampleId :

PB153983ZHE#07



Tgt Ion:152 Resp: 115204

Ion Ratio Lower Upper

152 100

115 59.1 43.3 129.9

150 158.3 0.0 345.0

