

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070523\
 Data File : VX036403.D
 Acq On : 05 Jul 2023 14:56
 Operator : JC/MD
 Sample : PB153983ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB153983ZHE#04

Quant Time: Jul 06 04:51:53 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)

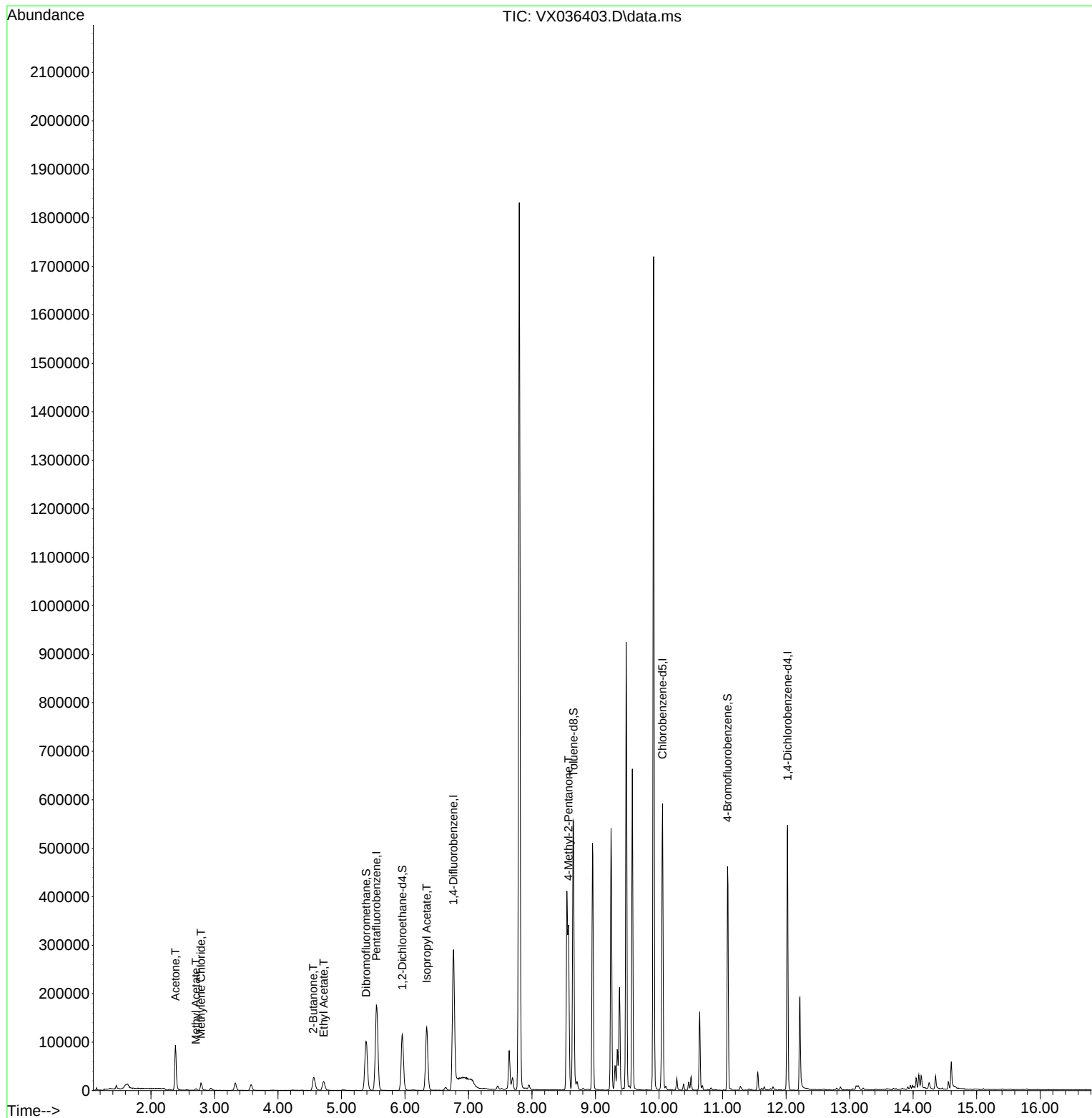
Internal Standards						
1) Pentafluorobenzene	5.550	168	166443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	283310	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	108296	45.391	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.780%		
35) Dibromofluoromethane	5.385	113	90233	48.303	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.600%		
50) Toluene-d8	8.653	98	342132	49.036	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.080%		
62) 4-Bromofluorobenzene	11.079	95	119047	48.440	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.880%		
Target Compounds						
					Qvalue	
16) Acetone	2.385	43	103560	101.552	ug/l	93
18) Methyl Acetate	2.709	43	4424	1.055	ug/l	97
20) Methylene Chloride	2.788	84	7228	3.292	ug/l #	85
25) 2-Butanone	4.556	43	46692	31.867	ug/l	100
37) Ethyl Acetate	4.720	43	31137	10.971	ug/l	96
43) Isopropyl Acetate	6.342	43	178107	39.339	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	309947	106.258	ug/l #	79

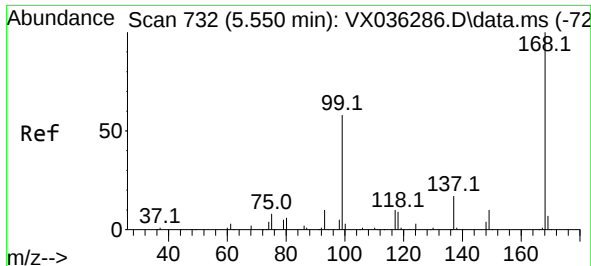
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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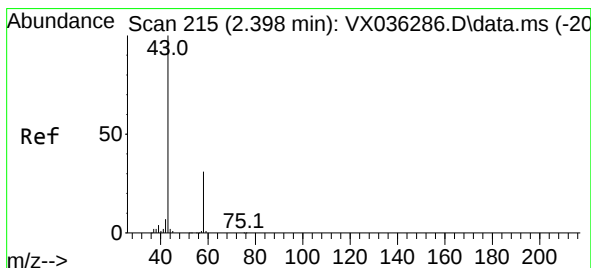
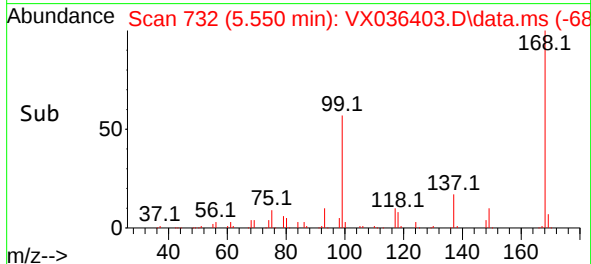
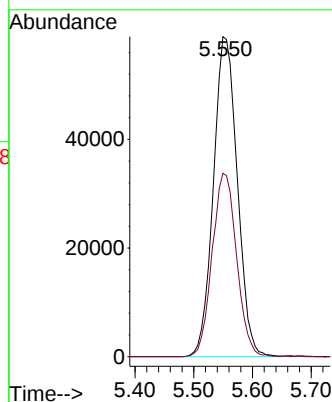
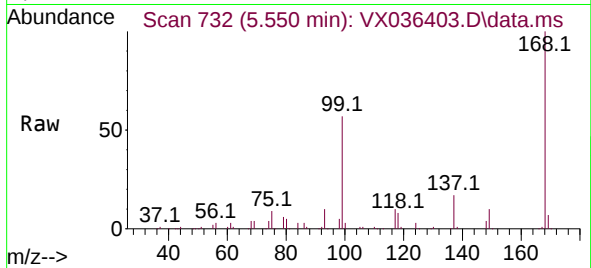




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036403.D
Acq: 05 Jul 2023 14:56

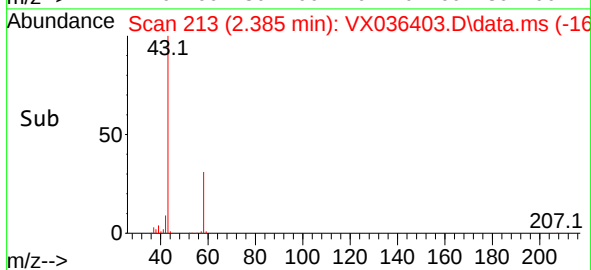
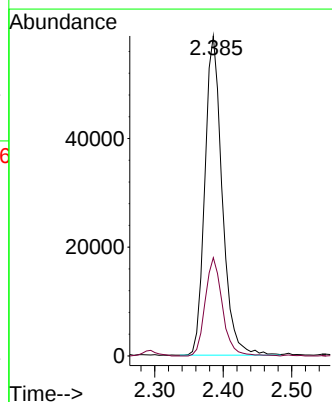
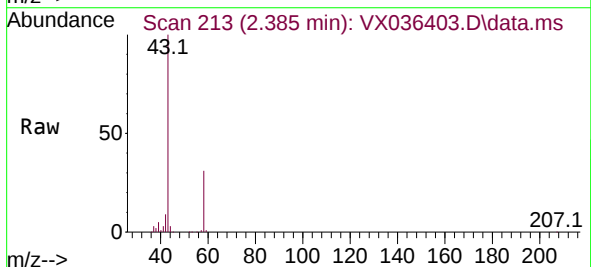
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#04

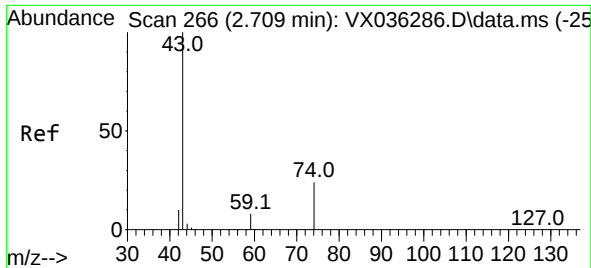
Tgt Ion:168 Resp: 166443
Ion Ratio Lower Upper
168 100
99 57.3 56.6 85.0



#16
Acetone
Concen: 101.552 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.019 min
Lab File: VX036403.D
Acq: 05 Jul 2023 14:56

Tgt Ion: 43 Resp: 103560
Ion Ratio Lower Upper
43 100
58 30.8 21.9 32.9

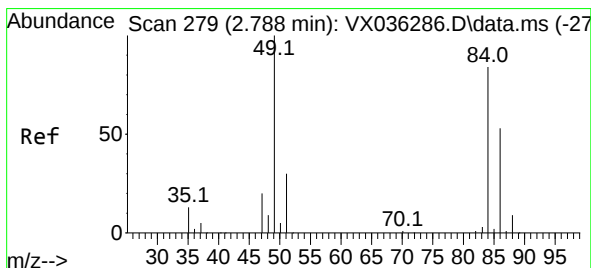
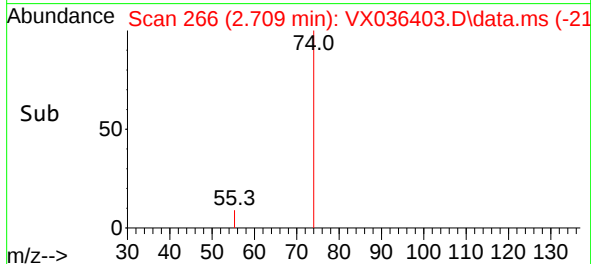
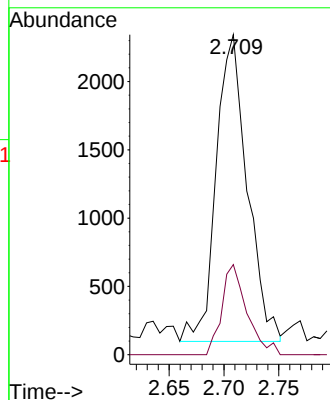
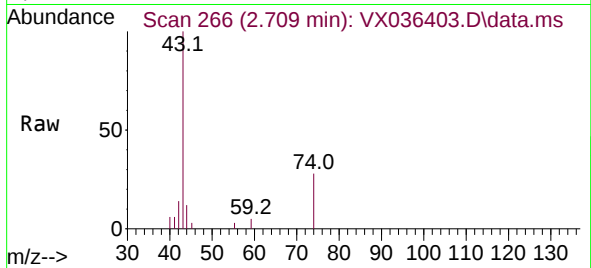




#18
Methyl Acetate
Concen: 1.055 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX036403.D
Acq: 05 Jul 2023 14:56

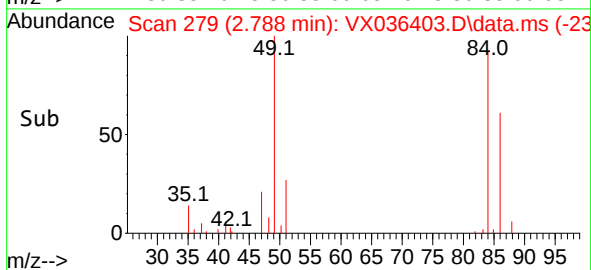
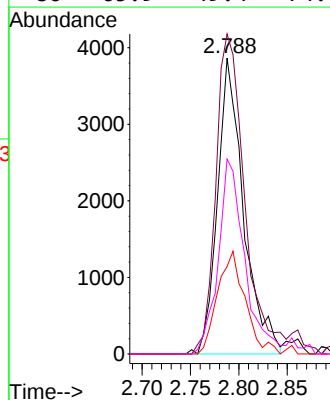
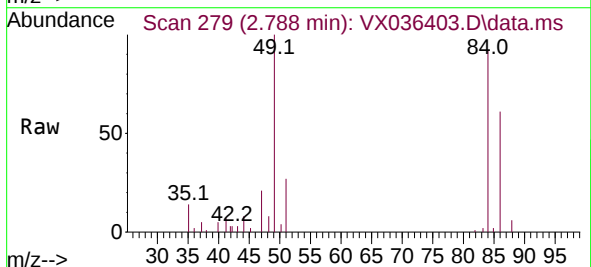
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#04

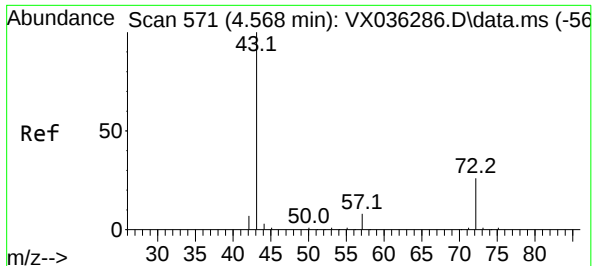
Tgt Ion: 43 Resp: 4424
Ion Ratio Lower Upper
43 100
74 23.7 17.8 26.8



#20
Methylene Chloride
Concen: 3.292 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036403.D
Acq: 05 Jul 2023 14:56

Tgt Ion: 84 Resp: 7228
Ion Ratio Lower Upper
84 100
49 108.2 103.6 155.4
51 29.6 33.8 50.6#
86 65.9 49.4 74.0





#25

2-Butanone

Concen: 31.867 ug/l

RT: 4.556 min Scan# 5

Delta R.T. -0.012 min

Lab File: VX036403.D

Acq: 05 Jul 2023 14:56

Instrument :

MSVOA_X

ClientSampleId :

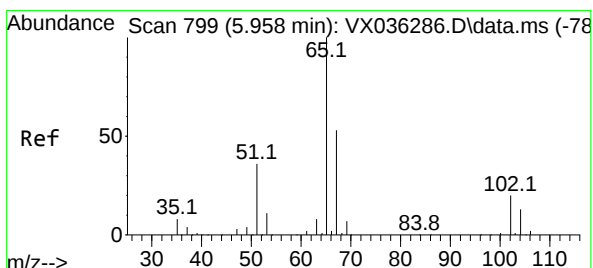
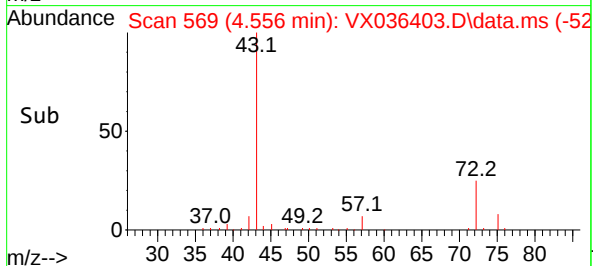
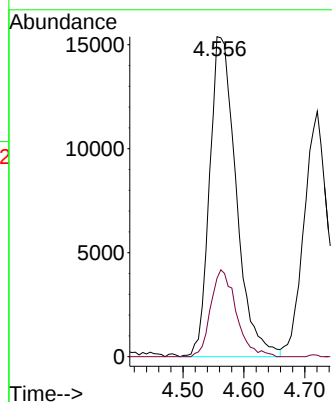
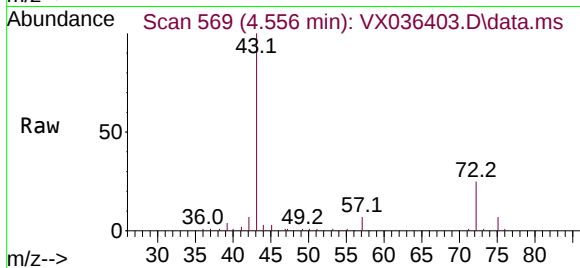
PB153983ZHE#04

Tgt Ion: 43 Resp: 46692

Ion Ratio Lower Upper

43 100

72 24.5 19.4 29.2



#33

1,2-Dichloroethane-d4

Concen: 45.391 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX036403.D

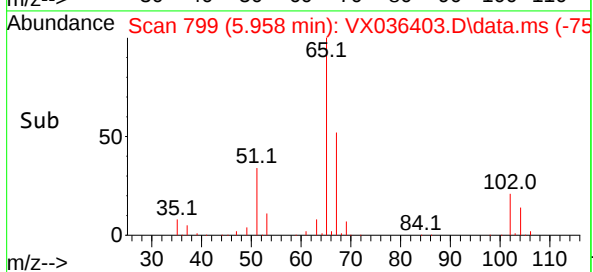
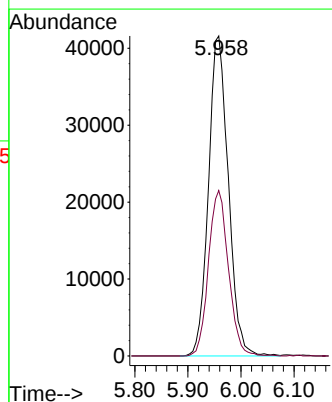
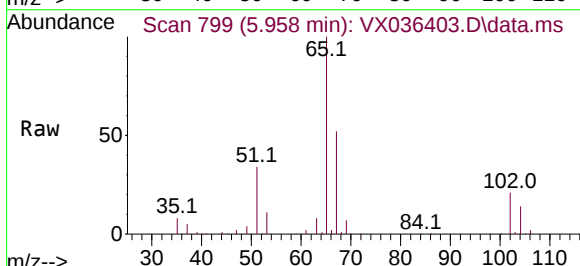
Acq: 05 Jul 2023 14:56

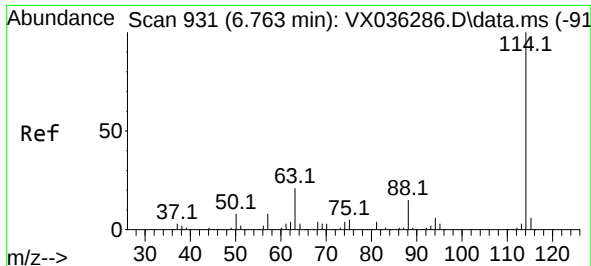
Tgt Ion: 65 Resp: 108296

Ion Ratio Lower Upper

65 100

67 51.9 0.0 100.2

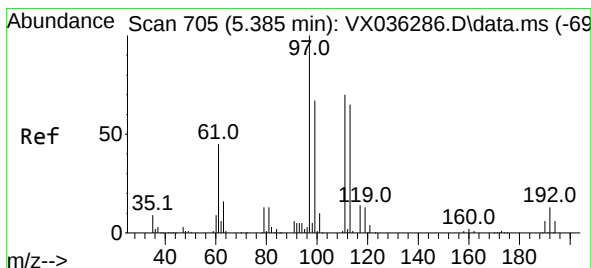
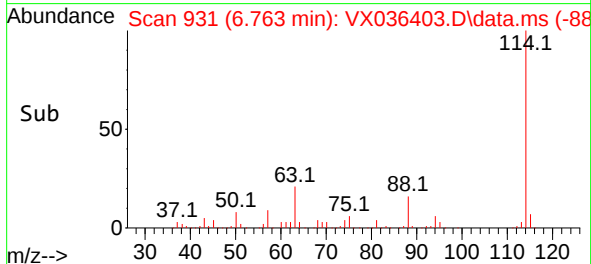
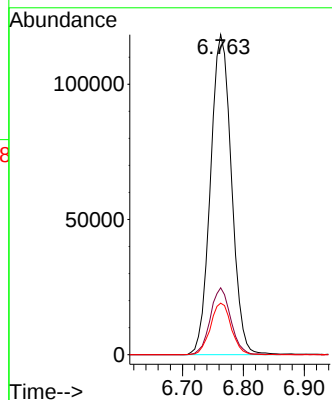
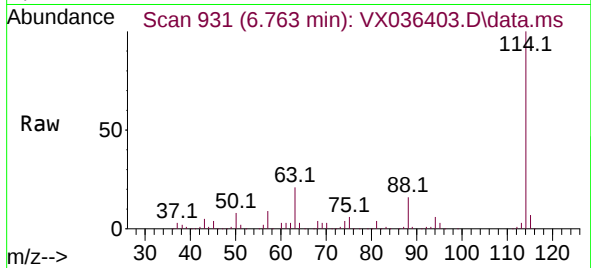




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036403.D
Acq: 05 Jul 2023 14:56

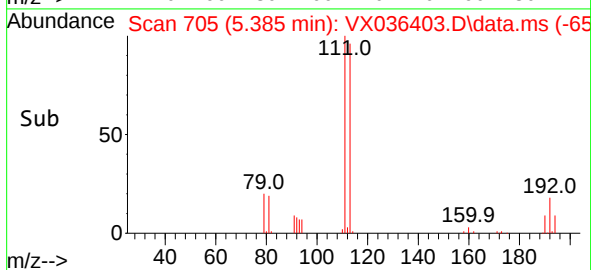
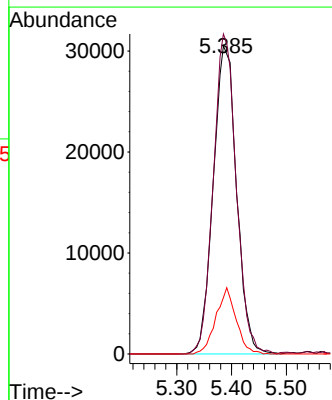
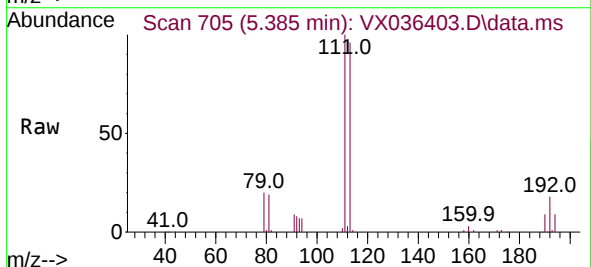
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#04

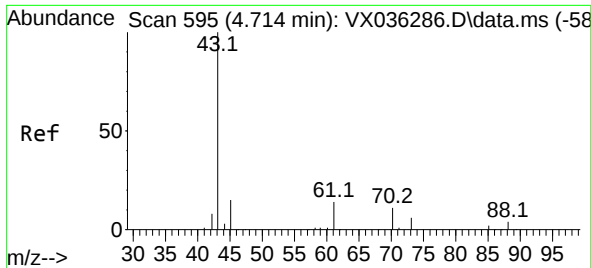
Tgt Ion:114 Resp: 283310
Ion Ratio Lower Upper
114 100
63 20.9 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.303 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036403.D
Acq: 05 Jul 2023 14:56

Tgt Ion:113 Resp: 90233
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 18.6 13.3 19.9

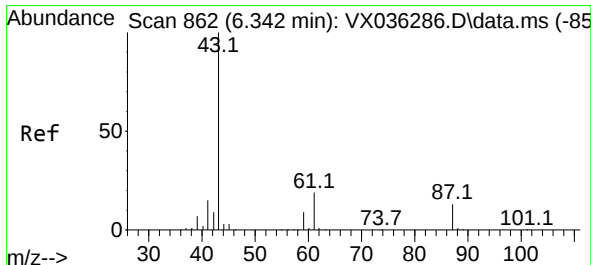
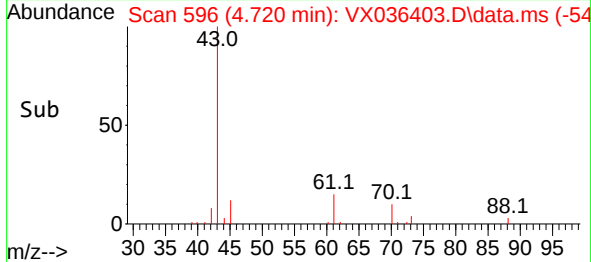
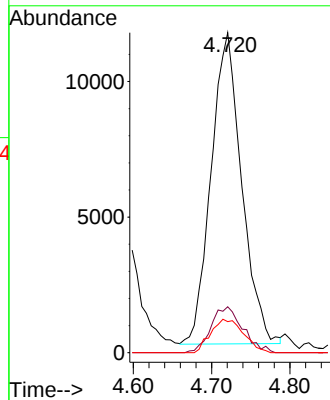
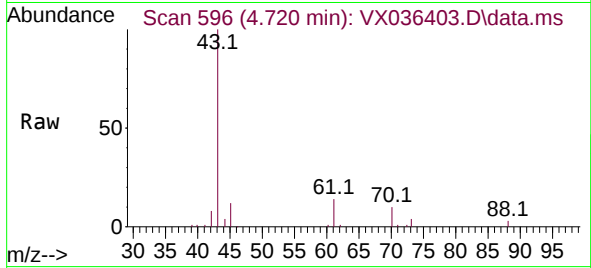




#37
Ethyl Acetate
Concen: 10.971 ug/l
RT: 4.720 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX036403.D
Acq: 05 Jul 2023 14:56

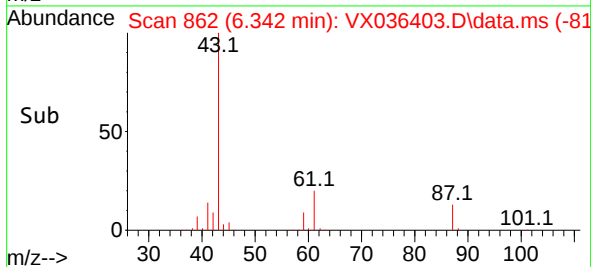
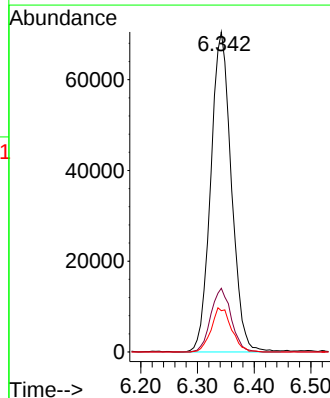
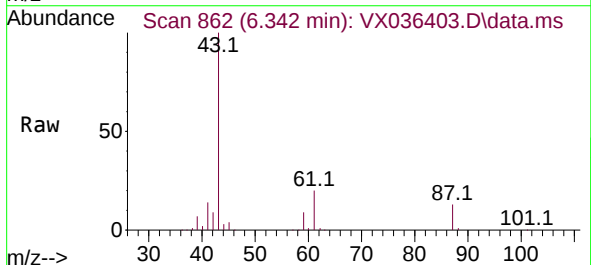
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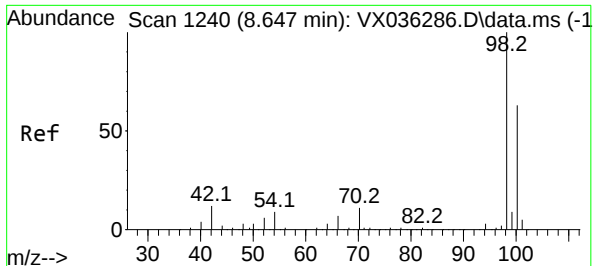
Tgt Ion:	43	Resp:	31137
Ion	Ratio	Lower	Upper
43	100		
61	15.3	10.6	16.0
70	11.5	8.3	12.5



#43
Isopropyl Acetate
Concen: 39.339 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX036403.D
Acq: 05 Jul 2023 14:56

Tgt Ion:	43	Resp:	178107
Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.2	22.8
87	13.5	9.8	14.6





#50

Toluene-d8

Concen: 49.036 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX036403.D

Acq: 05 Jul 2023 14:56

Instrument :

MSVOA_X

ClientSampleId :

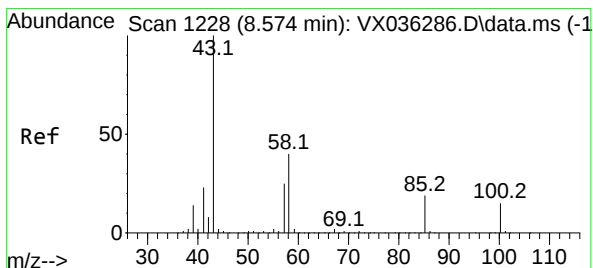
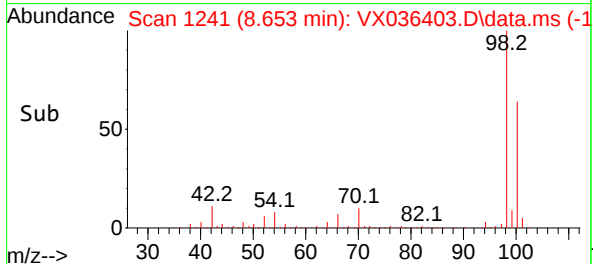
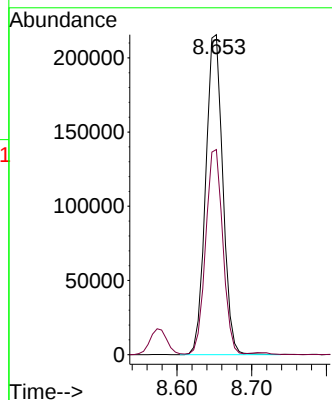
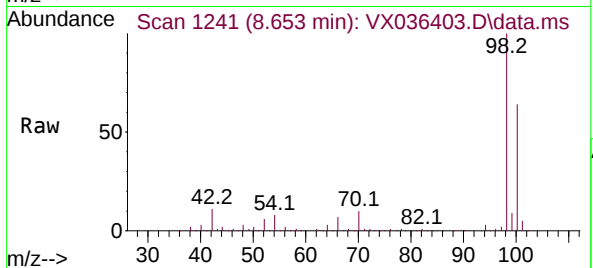
PB153983ZHE#04

Tgt Ion: 98 Resp: 342132

Ion Ratio Lower Upper

98 100

100 63.8 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 106.258 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX036403.D

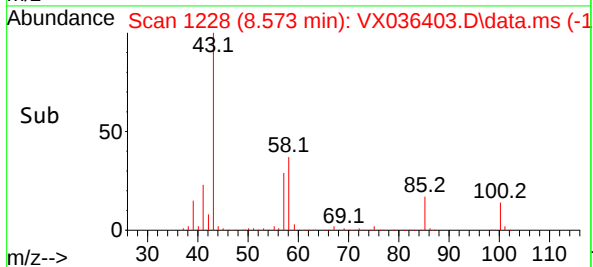
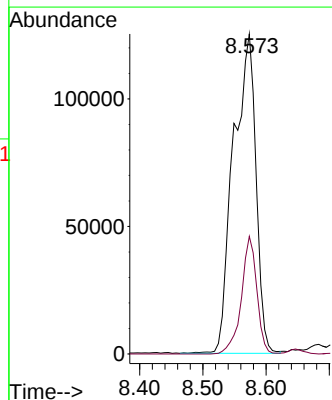
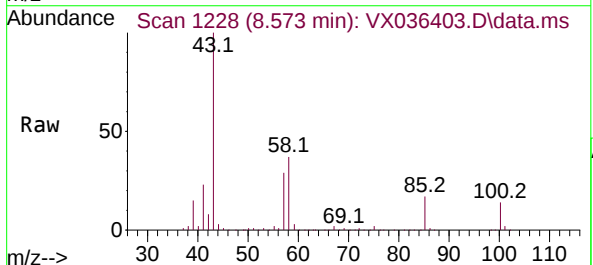
Acq: 05 Jul 2023 14:56

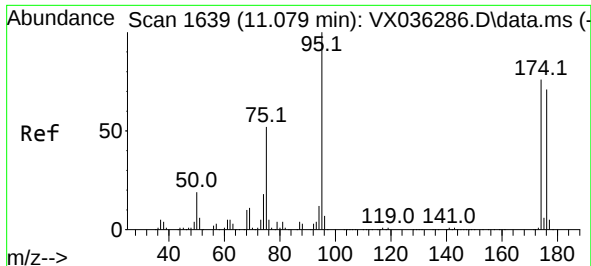
Tgt Ion: 43 Resp: 309947

Ion Ratio Lower Upper

43 100

58 25.3 30.4 45.6#





#62

4-Bromofluorobenzene

Concen: 48.440 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036403.D

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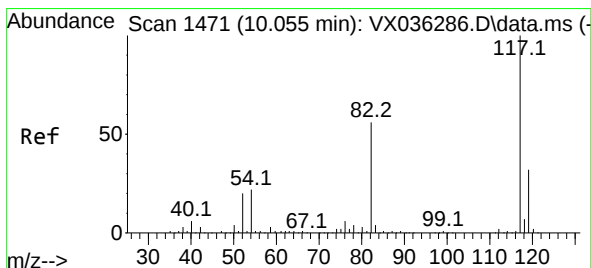
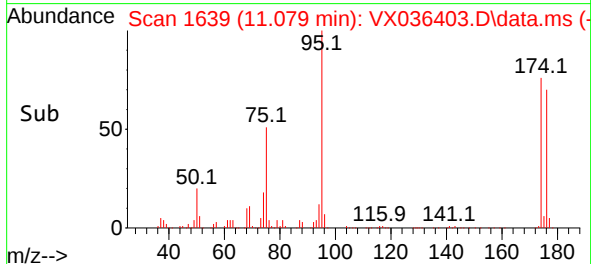
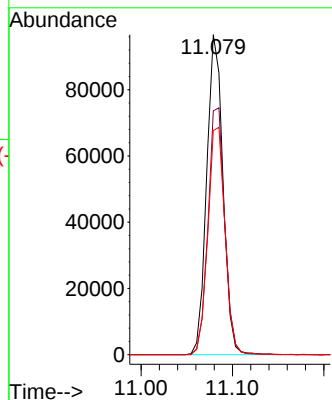
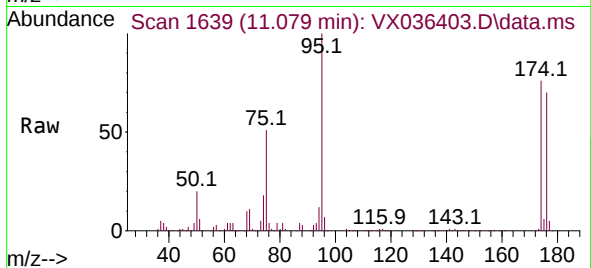
Tgt Ion: 95 Resp: 119047

Ion Ratio Lower Upper

95 100

174 79.4 0.0 135.6

176 75.0 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: VX036403.D

Acq: 05 Jul 2023 14:56

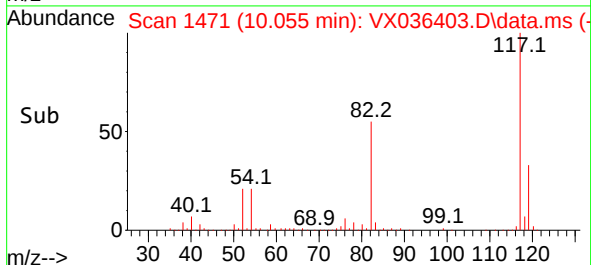
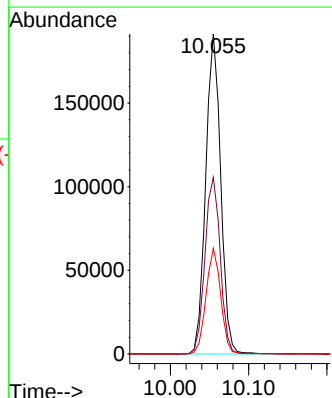
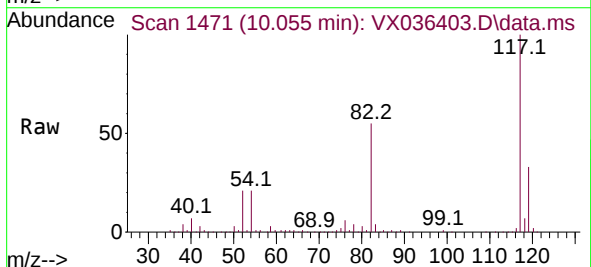
Tgt Ion: 117 Resp: 253524

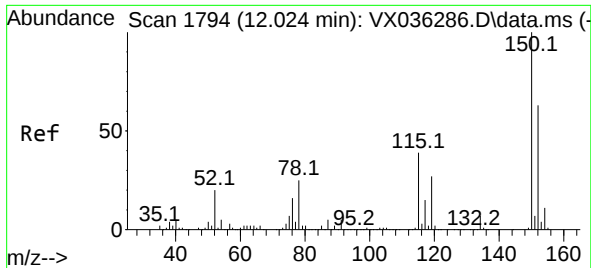
Ion Ratio Lower Upper

117 100

82 55.2 46.2 69.4

119 33.0 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: VX036403.D

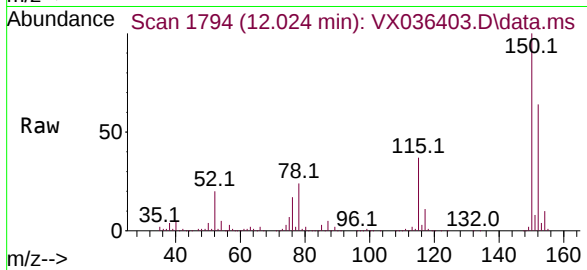
Acq: 05 Jul 2023 14:56

Instrument :

MSVOA_X

ClientSampleId :

PB153983ZHE#04



Tgt Ion:152 Resp: 113746

Ion Ratio Lower Upper

152 100

115 59.8 43.3 129.9

150 157.2 0.0 345.0

