

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070523\
 Data File : VX036404.D
 Acq On : 05 Jul 2023 15:19
 Operator : JC/MD
 Sample : PB153983ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB153983ZHE#05

Quant Time: Jul 06 04:52:20 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)

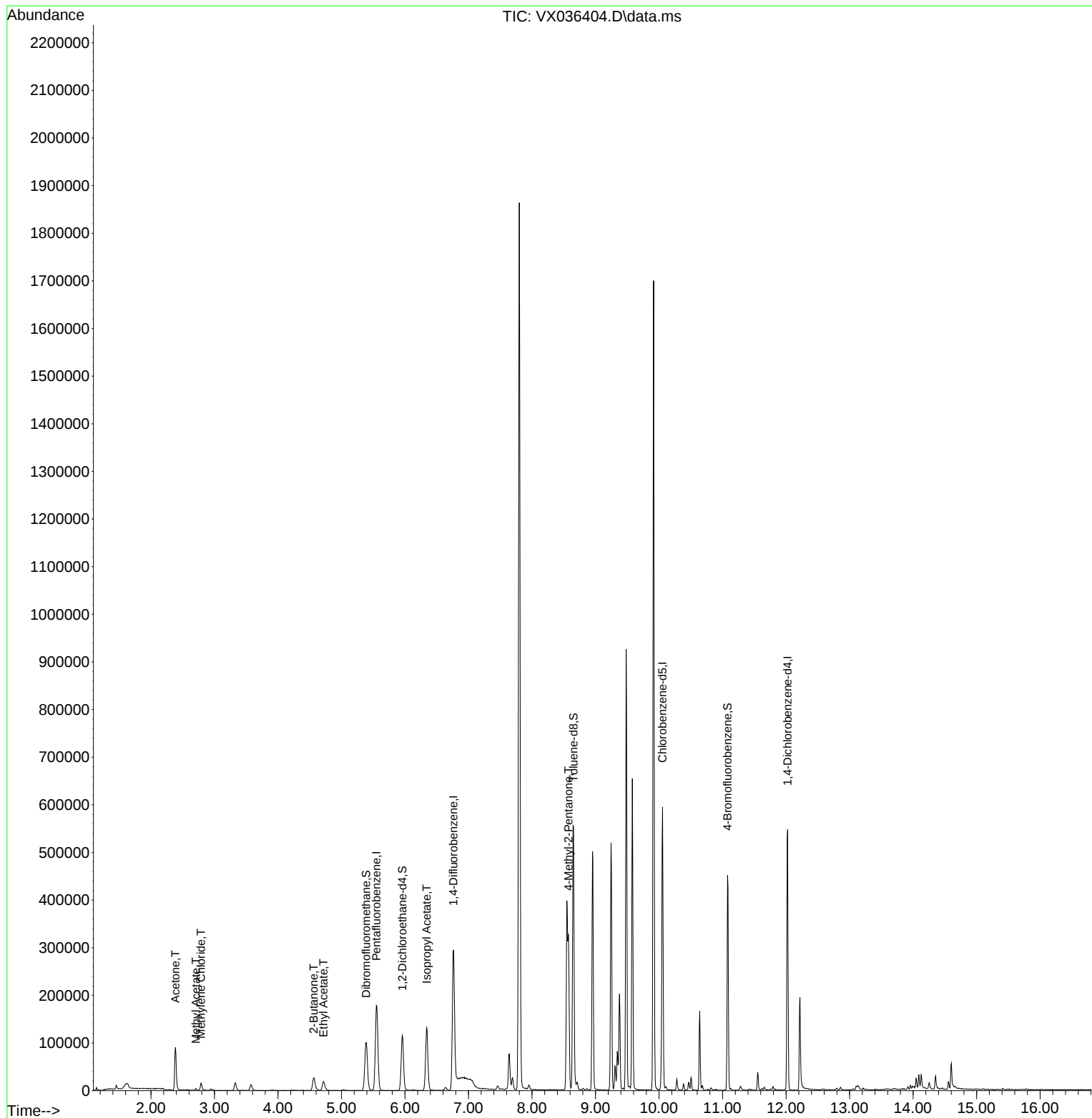
Internal Standards						
1) Pentafluorobenzene	5.550	168	169874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	287783	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	256014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	110308	45.301	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	90.600%	
35) Dibromofluoromethane	5.385	113	90686	47.791	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	95.580%	
50) Toluene-d8	8.653	98	345696	48.776	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	97.560%	
62) 4-Bromofluorobenzene	11.079	95	120364	48.215	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	96.420%	
Target Compounds						
					Qvalue	
16) Acetone	2.385	43	102922	98.887	ug/l	92
18) Methyl Acetate	2.709	43	4638	1.084	ug/l	96
20) Methylene Chloride	2.788	84	7133	3.183	ug/l	87
25) 2-Butanone	4.562	43	45557	30.464	ug/l	97
37) Ethyl Acetate	4.714	43	32225	11.178	ug/l	96
43) Isopropyl Acetate	6.342	43	178507	38.814	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	303249	102.346	ug/l #	80

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
Quant Title : SW846 8260
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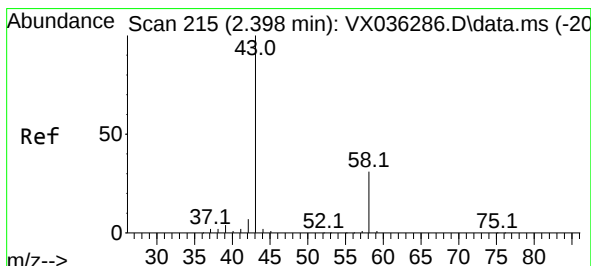
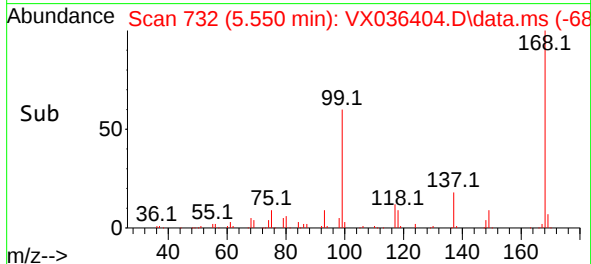
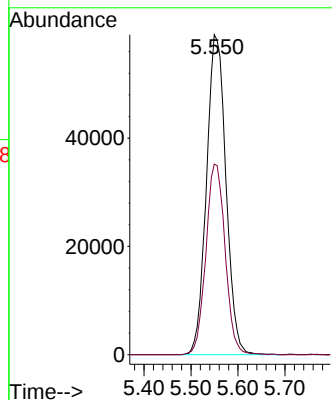
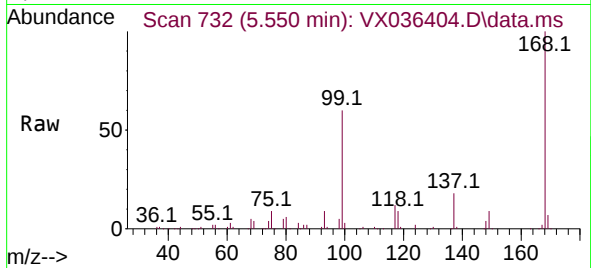




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036404.D
Acq: 05 Jul 2023 15:19

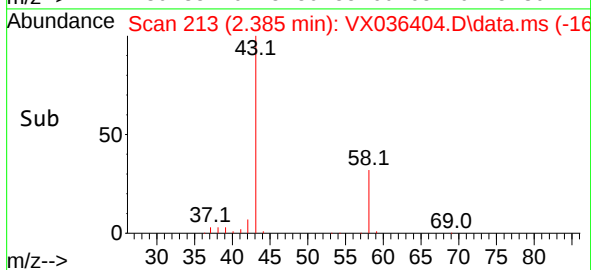
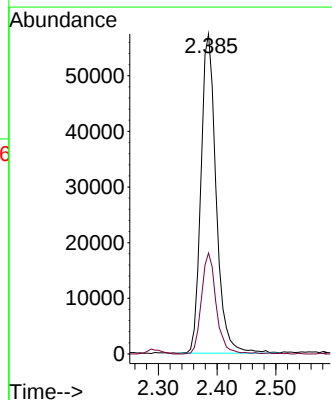
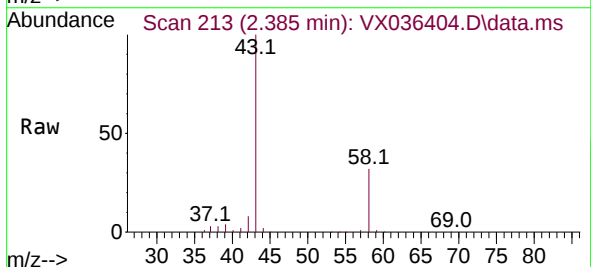
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#05

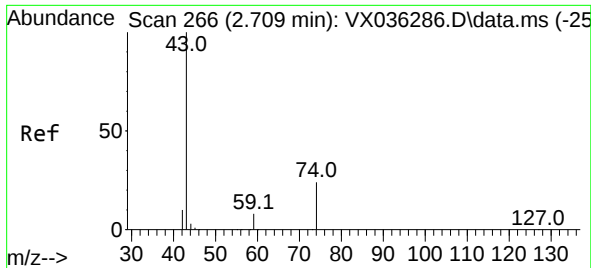
Tgt Ion:168 Resp: 169874
Ion Ratio Lower Upper
168 100
99 59.6 56.6 85.0



#16
Acetone
Concen: 98.887 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.019 min
Lab File: VX036404.D
Acq: 05 Jul 2023 15:19

Tgt Ion: 43 Resp: 102922
Ion Ratio Lower Upper
43 100
58 31.6 21.9 32.9

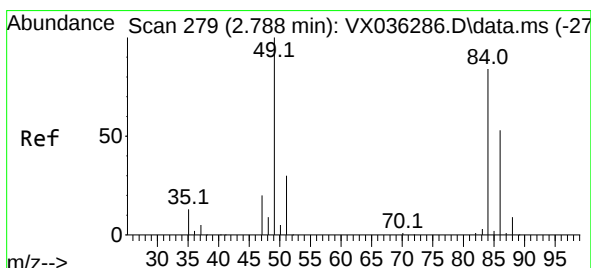
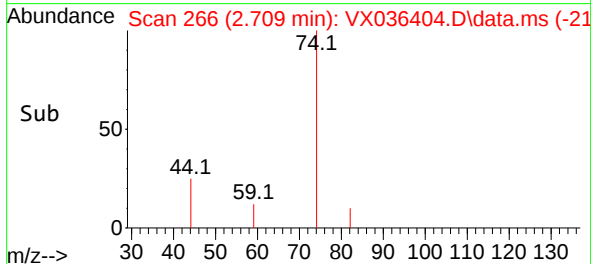
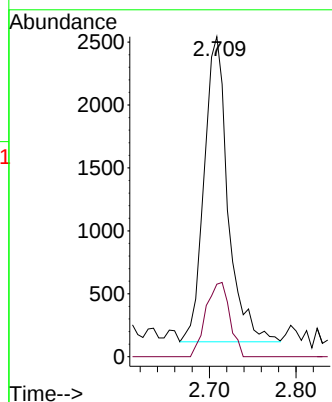
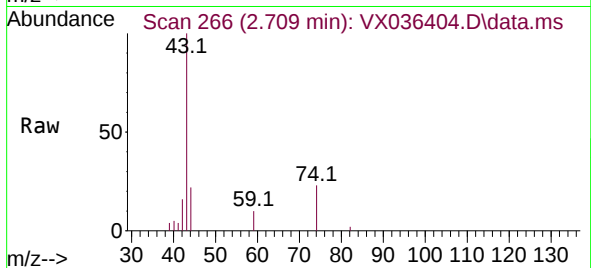




#18
Methyl Acetate
Concen: 1.084 ug/l
RT: 2.709 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX036404.D
Acq: 05 Jul 2023 15:19

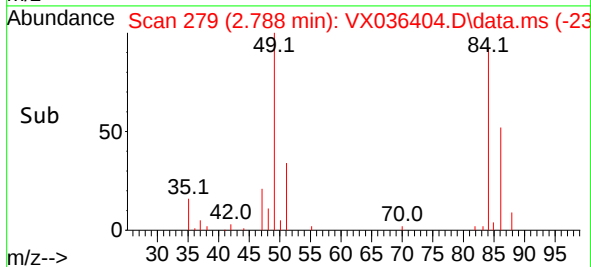
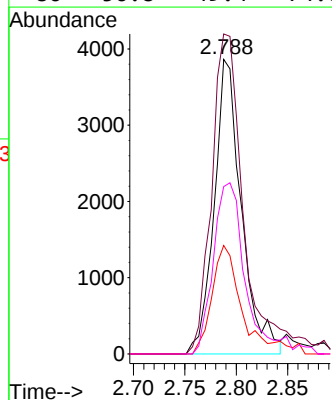
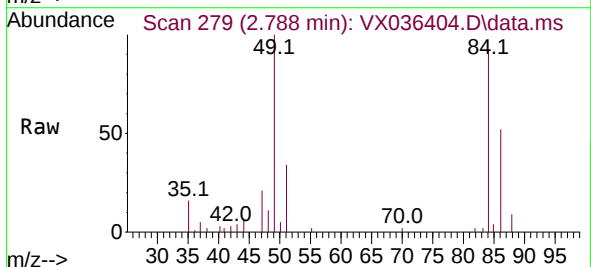
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#05

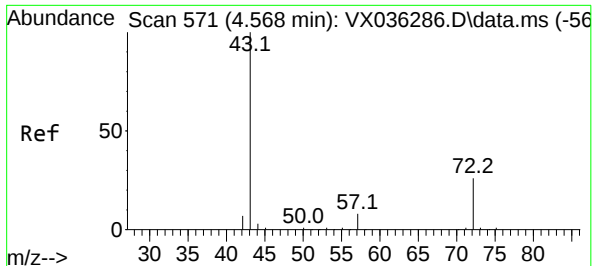
Tgt Ion: 43 Resp: 4638
Ion Ratio Lower Upper
43 100
74 24.2 17.8 26.8



#20
Methylene Chloride
Concen: 3.183 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036404.D
Acq: 05 Jul 2023 15:19

Tgt Ion: 84 Resp: 7133
Ion Ratio Lower Upper
84 100
49 108.6 103.6 155.4
51 36.8 33.8 50.6
86 56.8 49.4 74.0





#25

2-Butanone

Concen: 30.464 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX036404.D

Acq: 05 Jul 2023 15:19

Instrument :

MSVOA_X

ClientSampleId :

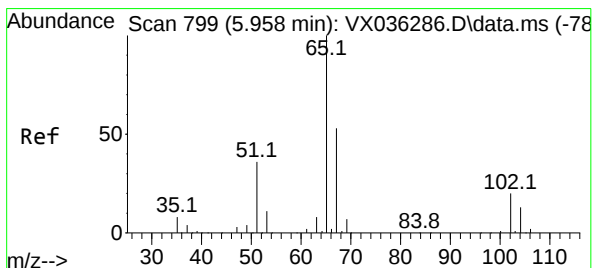
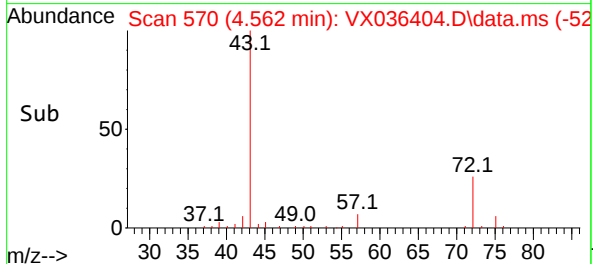
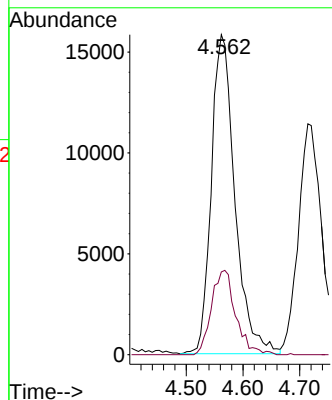
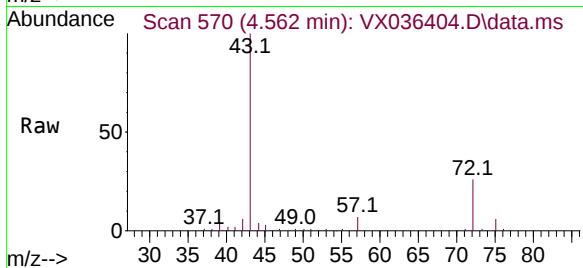
PB153983ZHE#05

Tgt Ion: 43 Resp: 45557

Ion Ratio Lower Upper

43 100

72 25.9 19.4 29.2



#33

1,2-Dichloroethane-d4

Concen: 45.301 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX036404.D

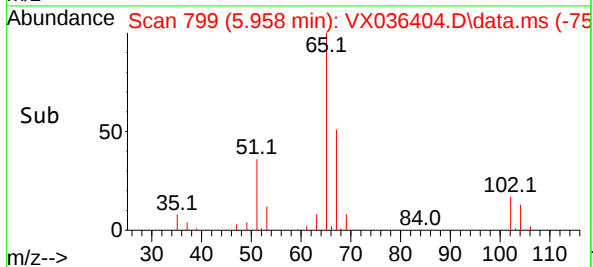
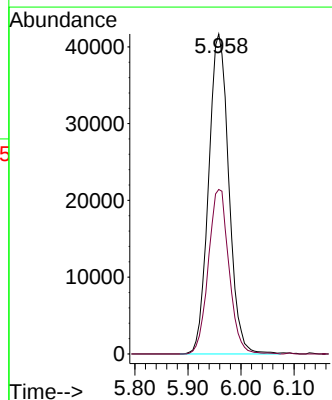
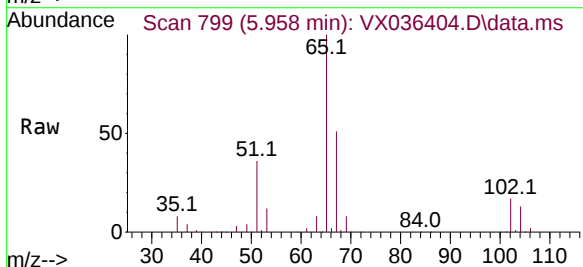
Acq: 05 Jul 2023 15:19

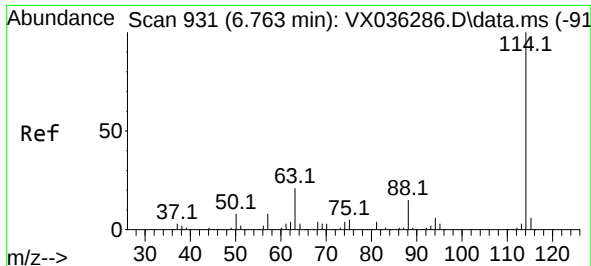
Tgt Ion: 65 Resp: 110308

Ion Ratio Lower Upper

65 100

67 52.5 0.0 100.2

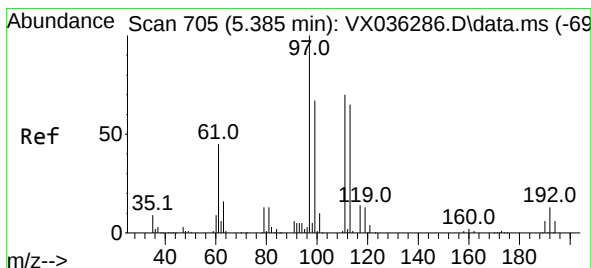
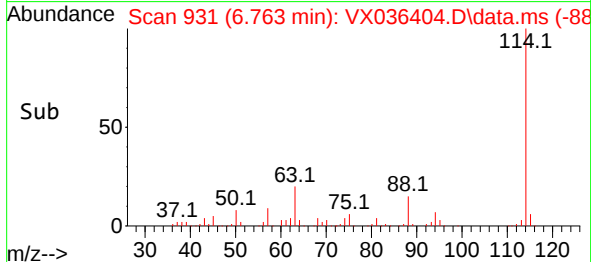
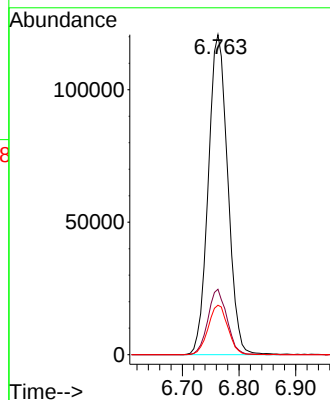
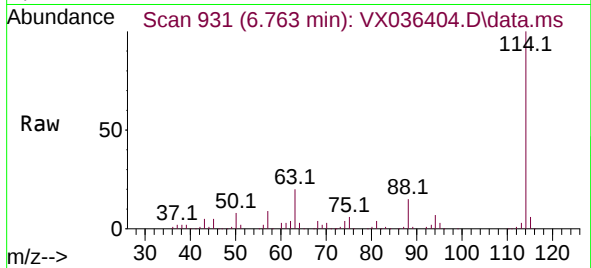




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036404.D
Acq: 05 Jul 2023 15:19

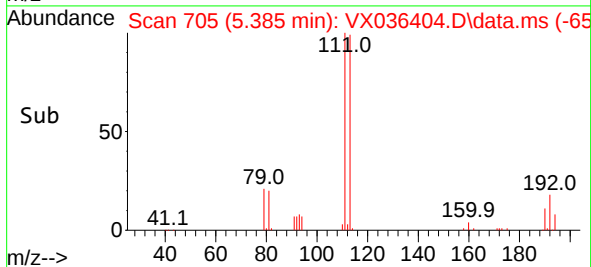
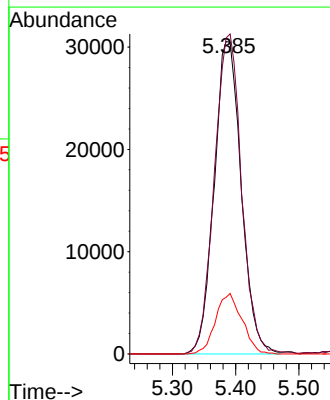
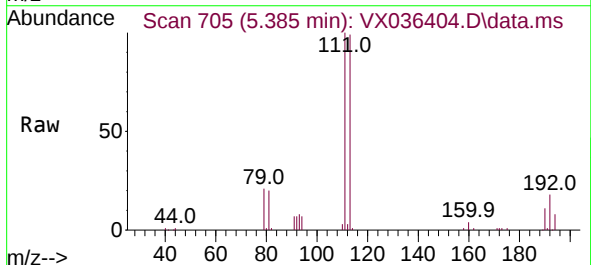
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#05

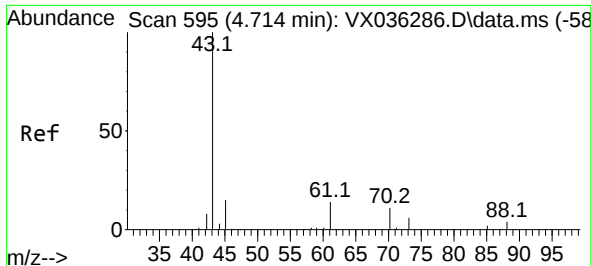
Tgt Ion:114 Resp: 287783
Ion Ratio Lower Upper
114 100
63 20.4 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.791 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036404.D
Acq: 05 Jul 2023 15:19

Tgt Ion:113 Resp: 90686
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 19.0 13.3 19.9





#37

Ethyl Acetate

Concen: 11.178 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX036404.D

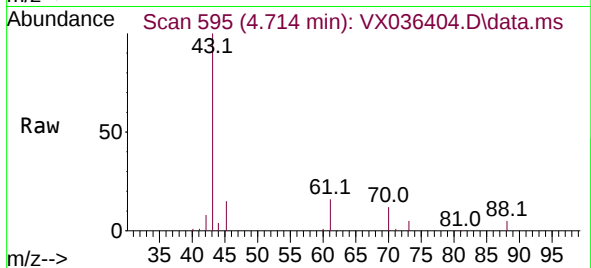
Acq: 05 Jul 2023 15:19

Instrument :

MSVOA_X

ClientSampleId :

PB153983ZHE#05



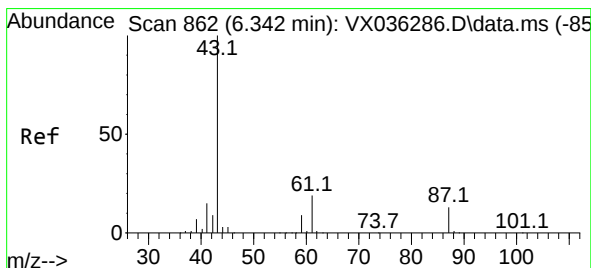
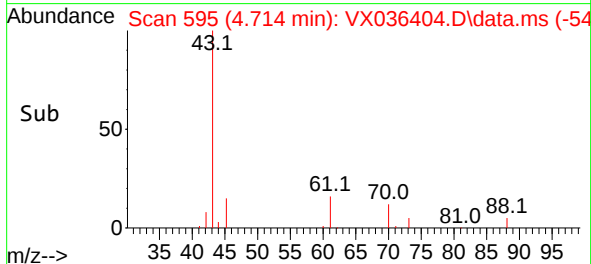
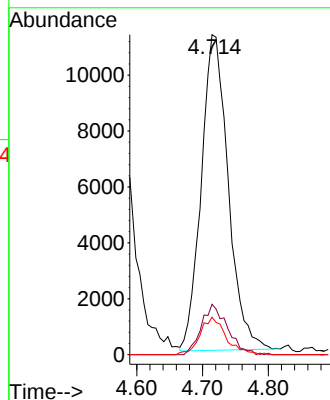
Tgt Ion: 43 Resp: 32225

Ion Ratio Lower Upper

43 100

61 15.5 10.6 16.0

70 11.4 8.3 12.5



#43

Isopropyl Acetate

Concen: 38.814 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX036404.D

Acq: 05 Jul 2023 15:19

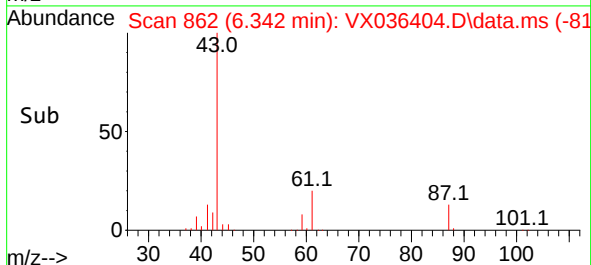
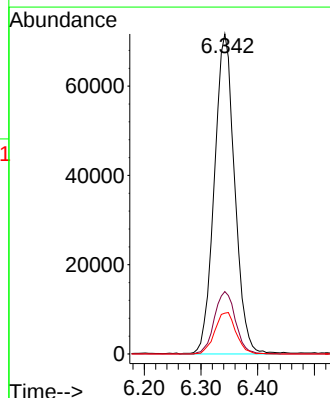
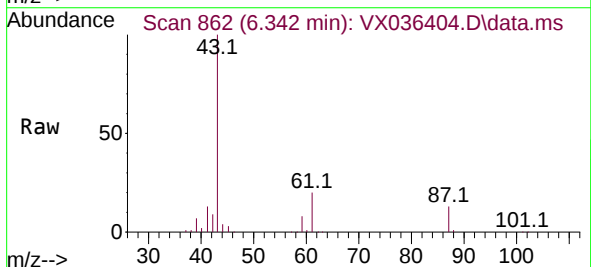
Tgt Ion: 43 Resp: 178507

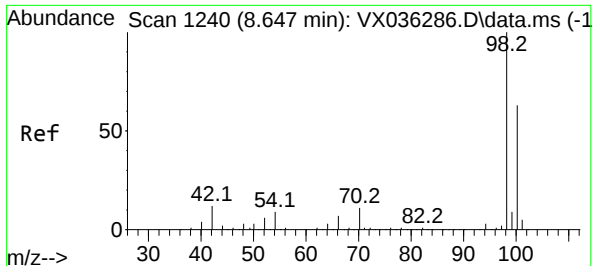
Ion Ratio Lower Upper

43 100

61 20.2 15.2 22.8

87 13.5 9.8 14.6

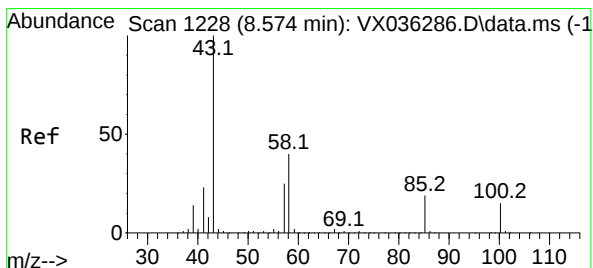
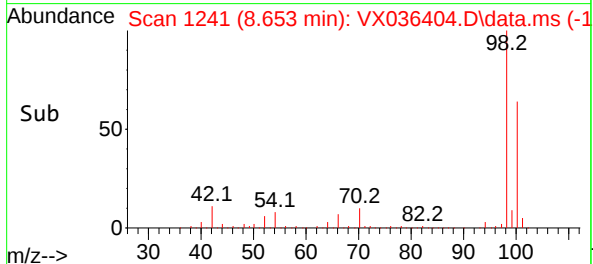
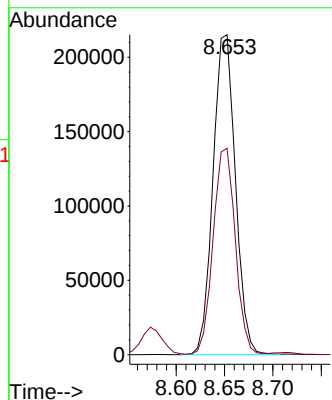
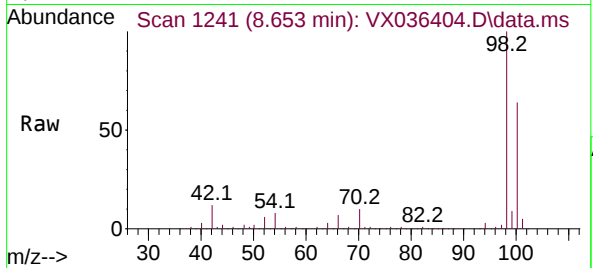




#50
Toluene-d8
Concen: 48.776 ug/l
RT: 8.653 min Scan# 1240
Delta R.T. 0.007 min
Lab File: VX036404.D
Acq: 05 Jul 2023 15:19

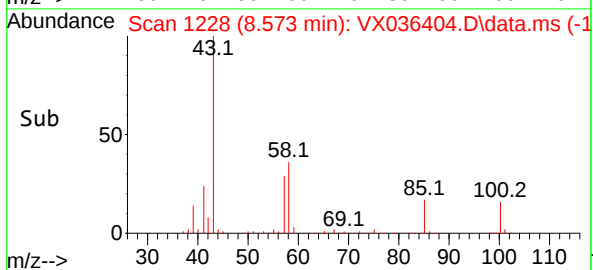
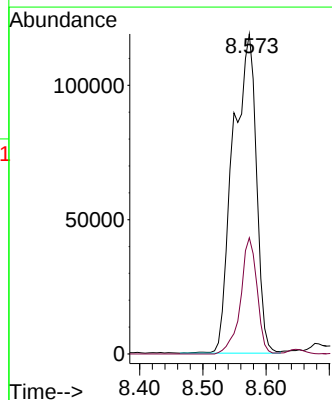
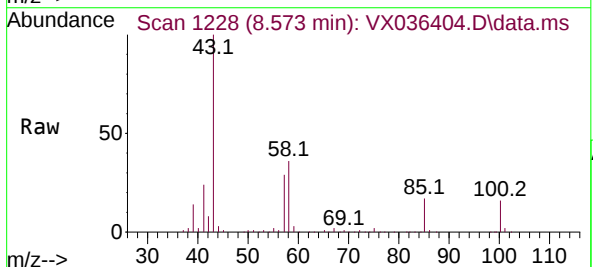
Instrument :
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PB153983ZHE#05

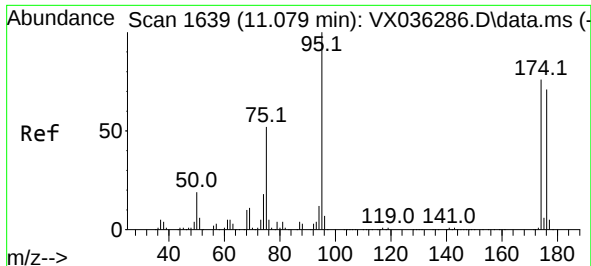
Tgt Ion: 98 Resp: 345696
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 102.346 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX036404.D
Acq: 05 Jul 2023 15:19

Tgt Ion: 43 Resp: 303249
Ion Ratio Lower Upper
43 100
58 25.8 30.4 45.6#

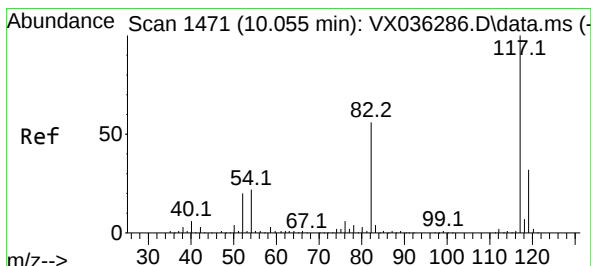
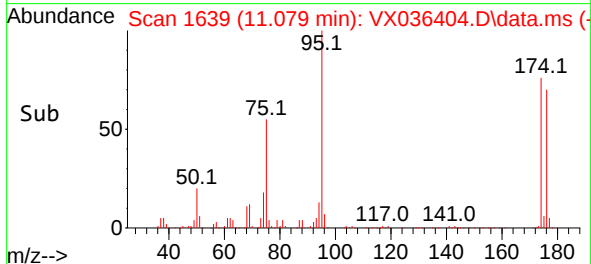
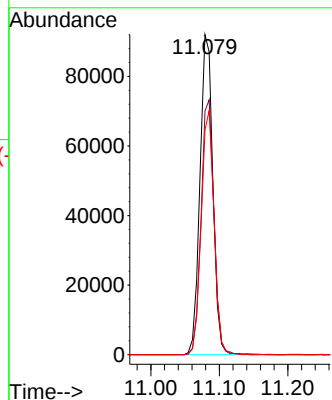
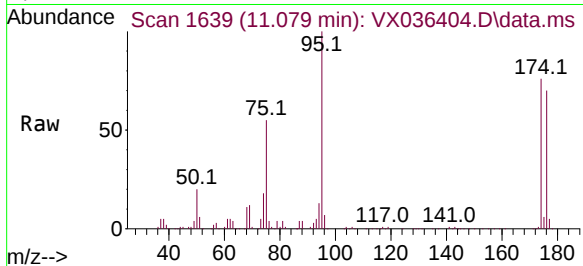




#62
4-Bromofluorobenzene
Concen: 48.215 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036404.D
Acq: 05 Jul 2023 15:19

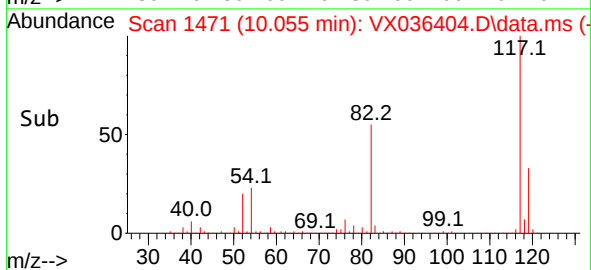
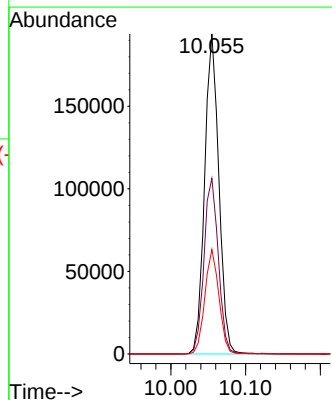
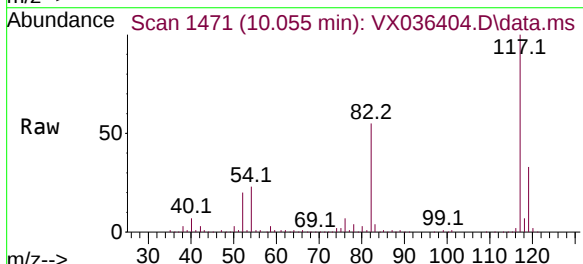
Instrument :
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PB153983ZHE#05

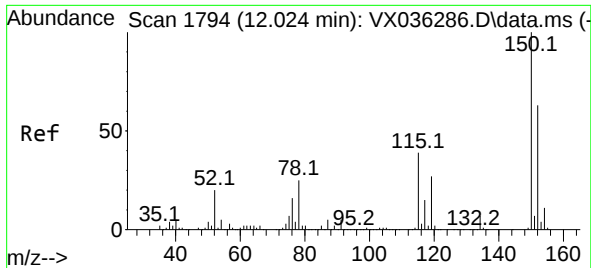
Tgt Ion: 95 Resp: 120364
Ion Ratio Lower Upper
95 100
174 79.9 0.0 135.6
176 75.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036404.D
Acq: 05 Jul 2023 15:19

Tgt Ion: 117 Resp: 256014
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 32.7 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: VX036404.D

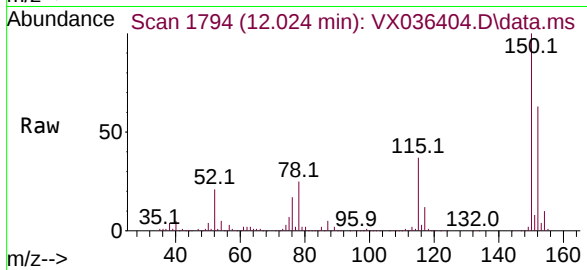
Acq: 05 Jul 2023 15:19

Instrument :

MSVOA_X

ClientSampleId :

PB153983ZHE#05



Tgt Ion:152 Resp: 114988

Ion Ratio Lower Upper

152 100

115 59.3 43.3 129.9

150 157.0 0.0 345.0

