

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071023\
 Data File : VX036480.D
 Acq On : 10 Jul 2023 14:10
 Operator : JC/MD
 Sample : PB154051ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB154051ZHE#02

Quant Time: Jul 11 01:28:30 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)

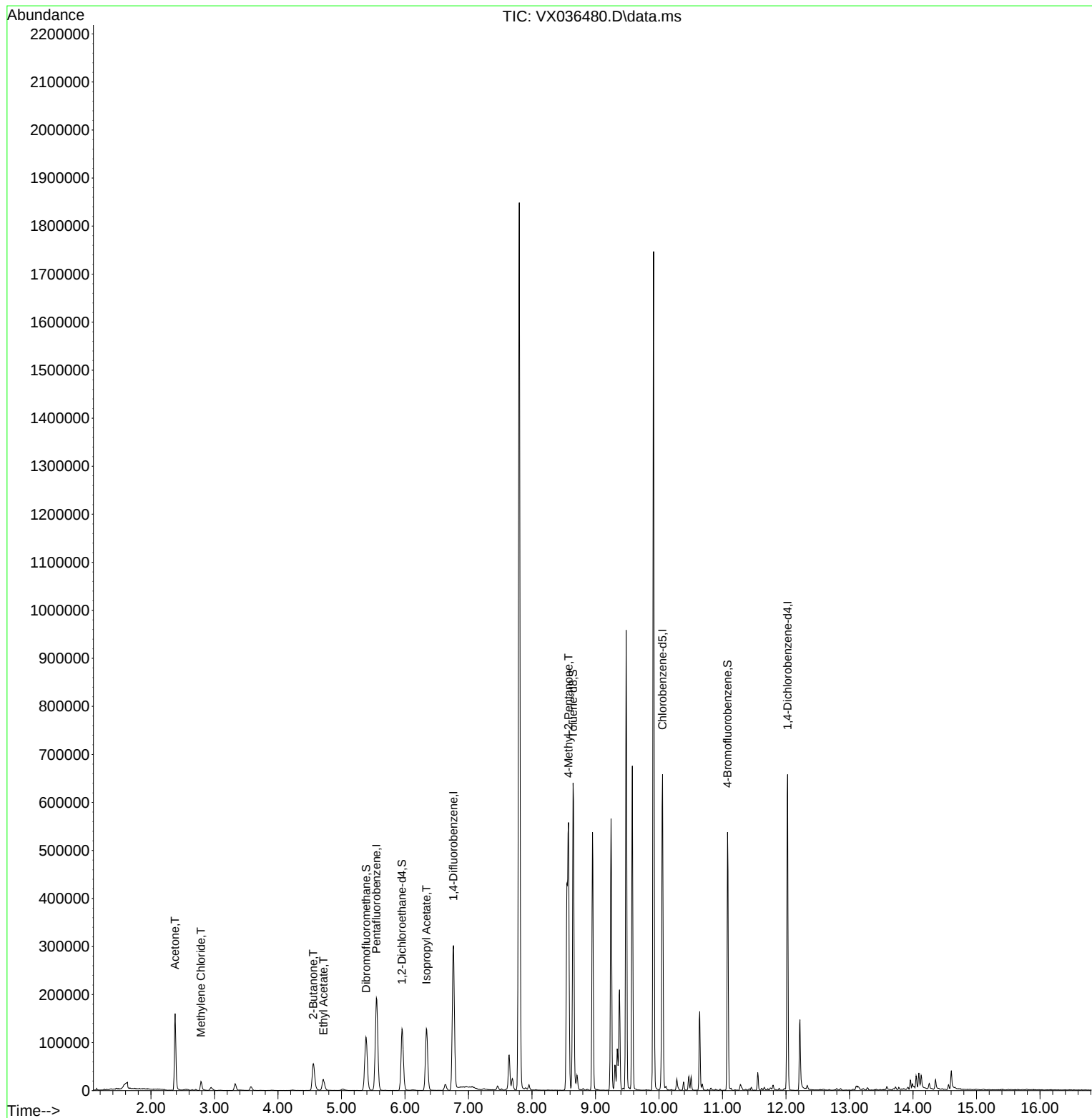
Internal Standards						
1) Pentafluorobenzene	5.550	168	178885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	310291	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	287646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	119285	46.520	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	93.040%	
35) Dibromofluoromethane	5.385	113	99278	48.524	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	97.040%	
50) Toluene-d8	8.647	98	379842	49.707	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	99.420%	
62) 4-Bromofluorobenzene	11.079	95	137371	51.036	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	102.080%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	172200	157.116	ug/l	96
20) Methylene Chloride	2.788	84	8934	3.786	ug/l	94
25) 2-Butanone	4.556	43	98095	62.293	ug/l	96
37) Ethyl Acetate	4.715	43	41283	13.281	ug/l	99
43) Isopropyl Acetate	6.336	43	174840	35.259	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	439691	137.630	ug/l #	87

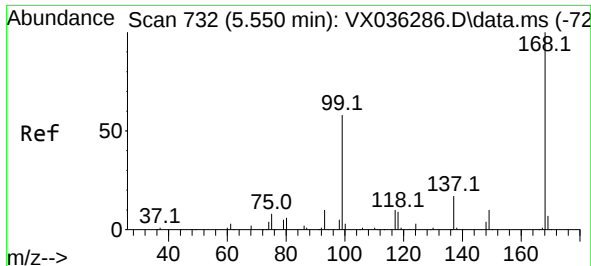
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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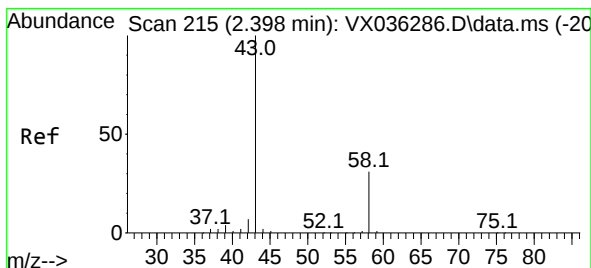
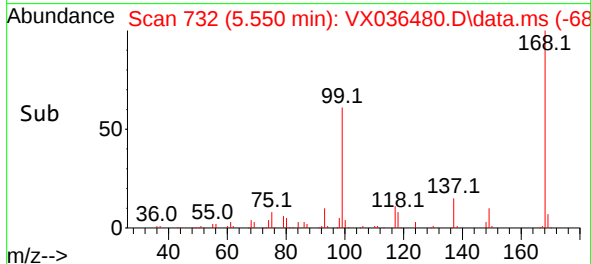
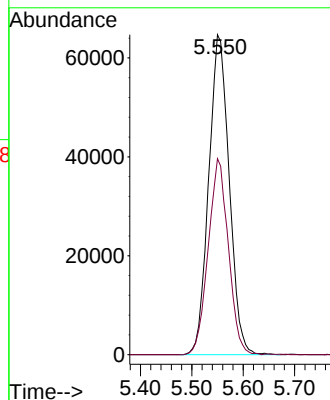
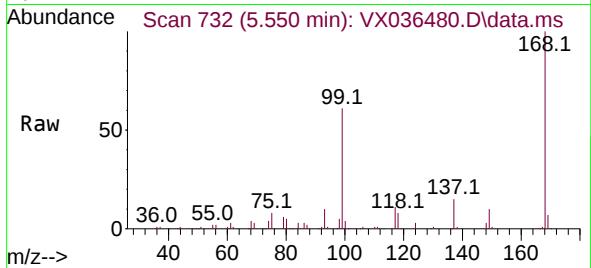




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036480.D
Acq: 10 Jul 2023 14:10

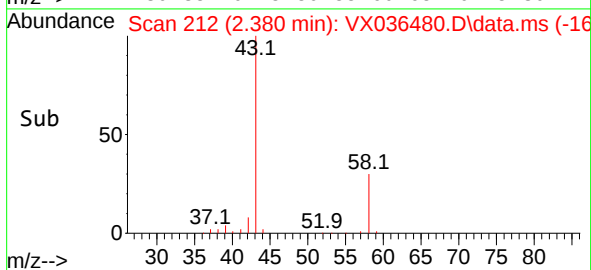
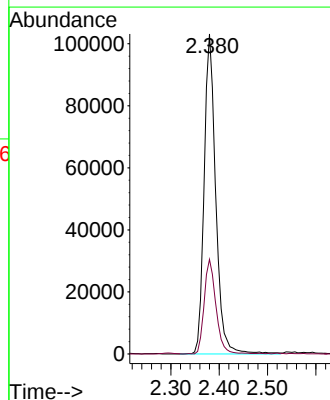
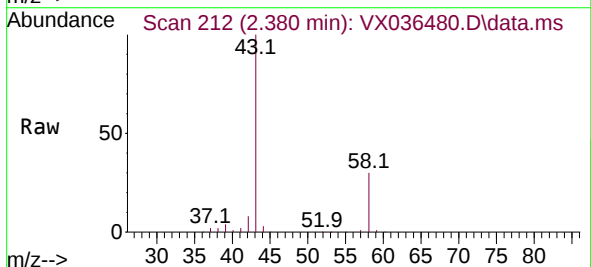
Instrument :
MSVOA_X
ClientSampleId :
PB154051ZHE#02

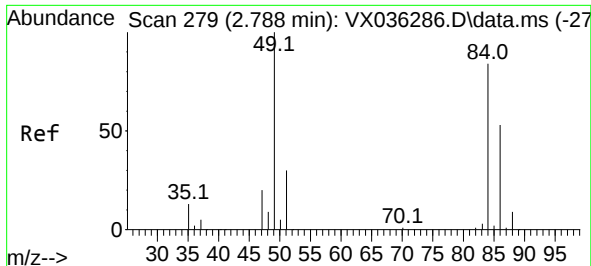
Tgt Ion:168 Resp: 178885
Ion Ratio Lower Upper
168 100
99 61.3 56.6 85.0



#16
Acetone
Concen: 157.116 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.024 min
Lab File: VX036480.D
Acq: 10 Jul 2023 14:10

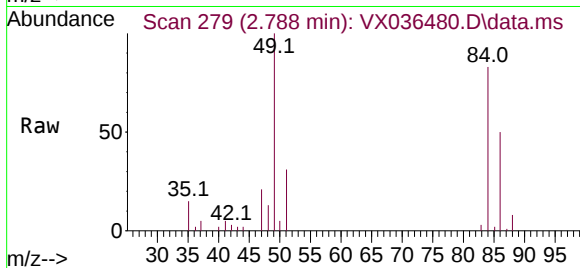
Tgt Ion: 43 Resp: 172200
Ion Ratio Lower Upper
43 100
58 29.5 21.9 32.9



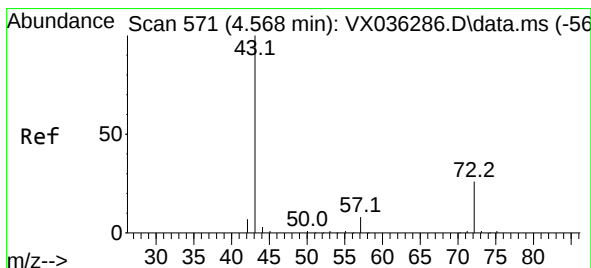
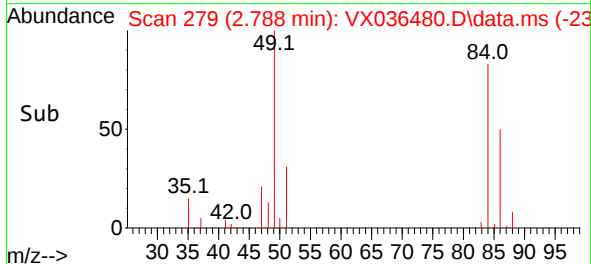
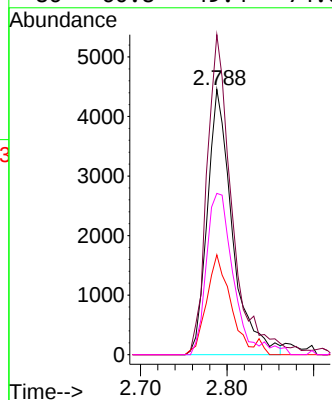


#20
Methylene Chloride
Concen: 3.786 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036480.D
Acq: 10 Jul 2023 14:10

Instrument :
MSVOA_X
ClientSampleId :
PB154051ZHE#02

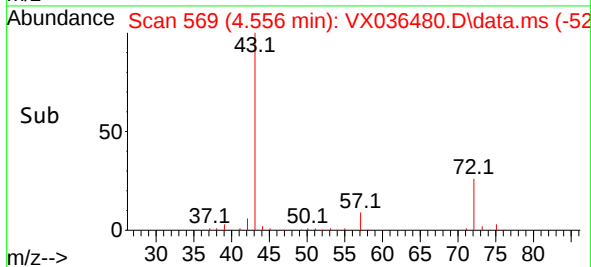
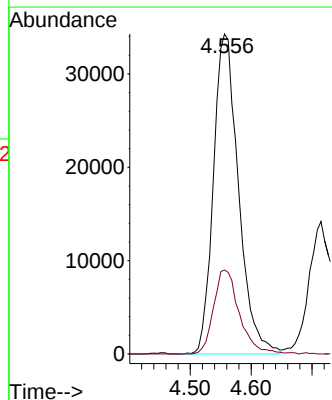
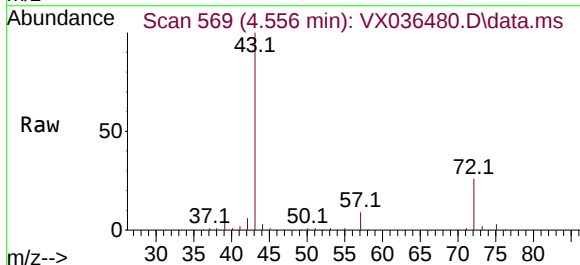


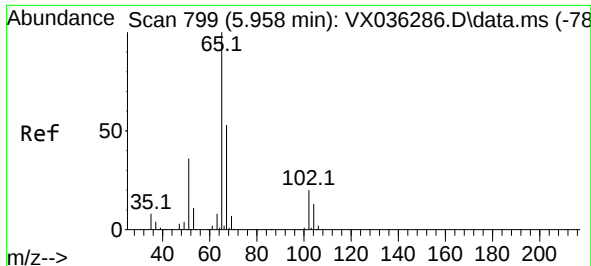
Tgt Ion:	84	Resp:	8934
Ion	Ratio	Lower	Upper
84	100		
49	120.6	103.6	155.4
51	37.6	33.8	50.6
86	60.8	49.4	74.0



#25
2-Butanone
Concen: 62.293 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.012 min
Lab File: VX036480.D
Acq: 10 Jul 2023 14:10

Tgt Ion:	43	Resp:	98095
Ion	Ratio	Lower	Upper
43	100		
72	26.2	19.4	29.2





#33

1,2-Dichloroethane-d4

Concen: 46.520 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036480.D

Acq: 10 Jul 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

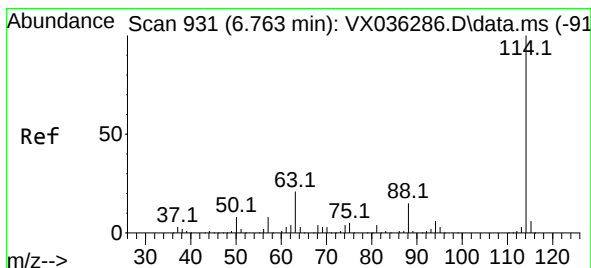
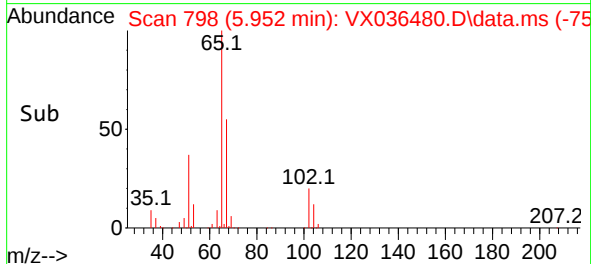
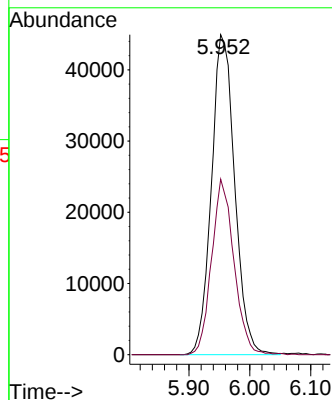
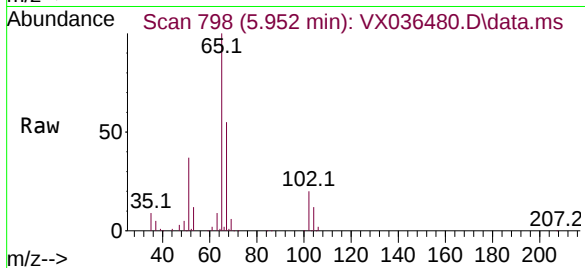
PB154051ZHE#02

Tgt Ion: 65 Resp: 119285

Ion Ratio Lower Upper

65 100

67 52.7 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: VX036480.D

Acq: 10 Jul 2023 14:10

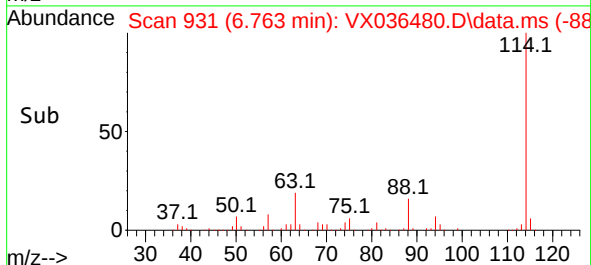
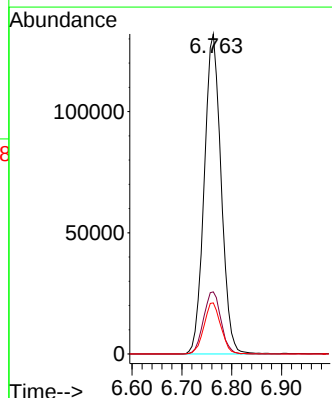
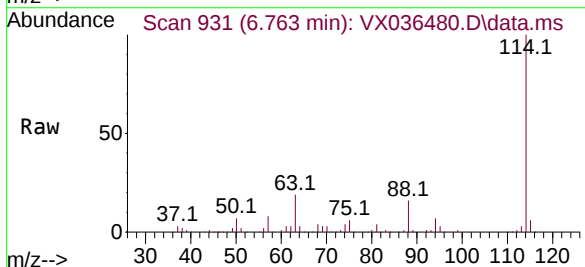
Tgt Ion: 114 Resp: 310291

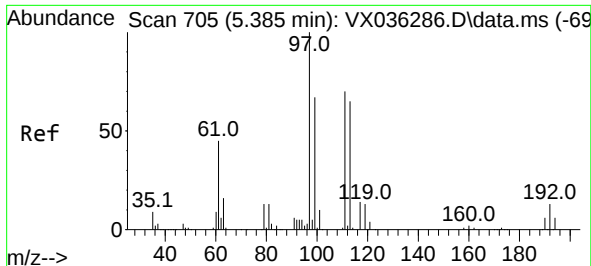
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

88 15.9 0.0 36.6

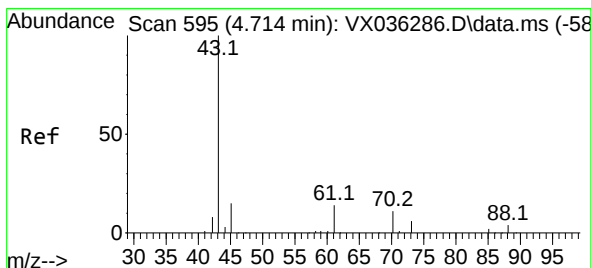
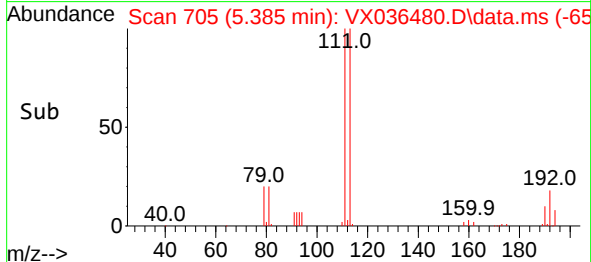
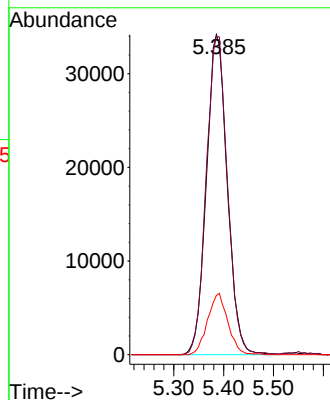
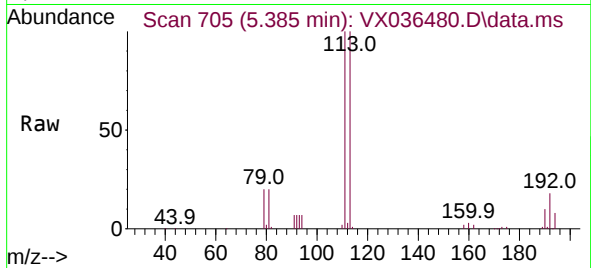




#35
Dibromofluoromethane
Concen: 48.524 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036480.D
Acq: 10 Jul 2023 14:10

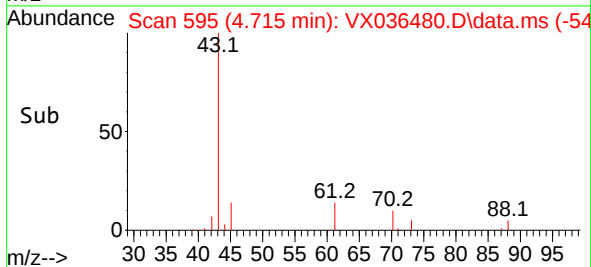
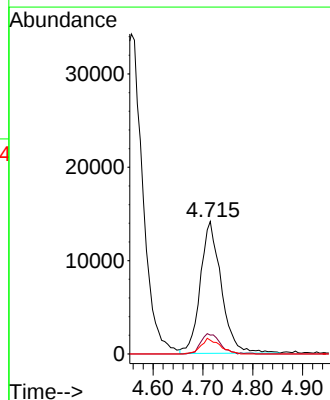
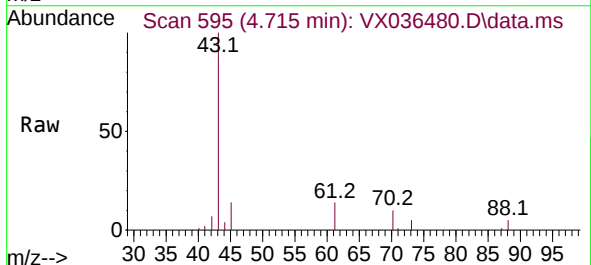
Instrument :
MSVOA_X
ClientSampleId :
PB154051ZHE#02

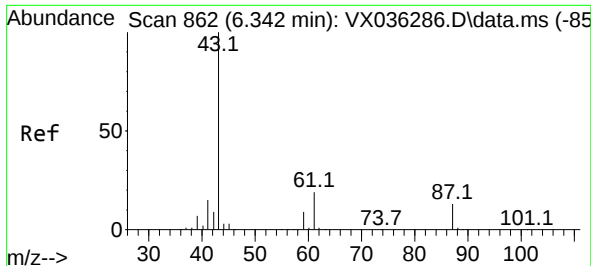
Tgt Ion:113 Resp: 99278
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 18.6 13.3 19.9



#37
Ethyl Acetate
Concen: 13.281 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.001 min
Lab File: VX036480.D
Acq: 10 Jul 2023 14:10

Tgt Ion: 43 Resp: 41283
Ion Ratio Lower Upper
43 100
61 14.0 10.6 16.0
70 10.7 8.3 12.5

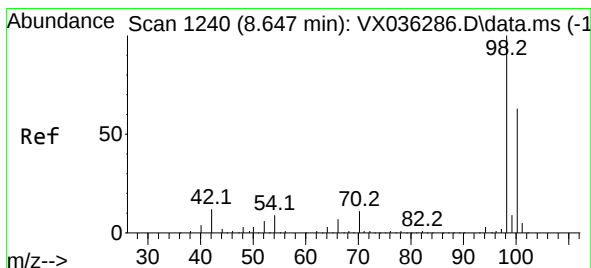
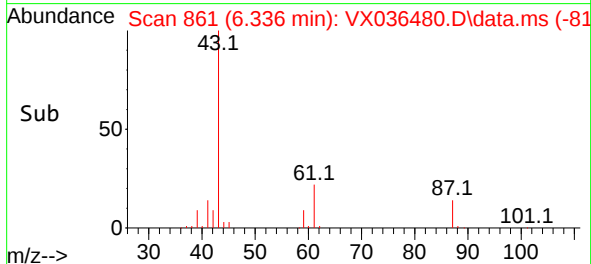
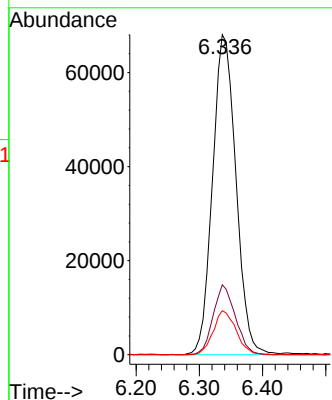
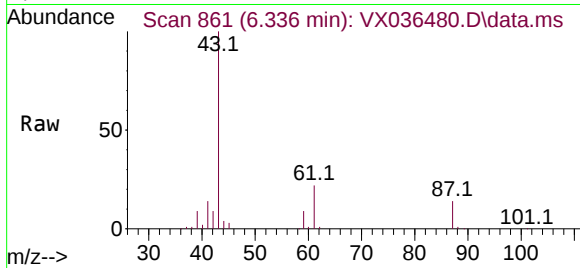




#43
Isopropyl Acetate
Concen: 35.259 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX036480.D
Acq: 10 Jul 2023 14:10

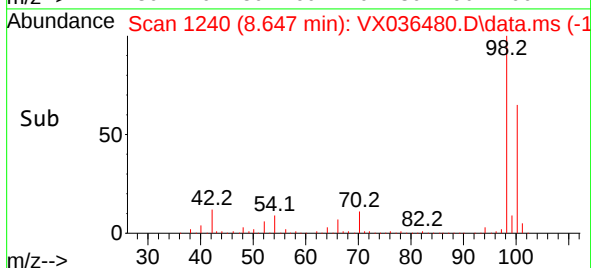
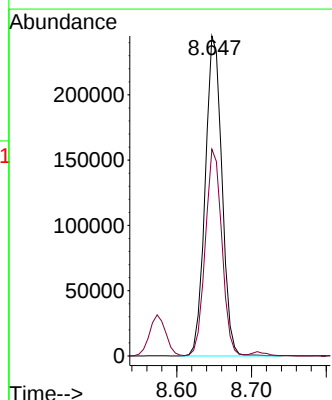
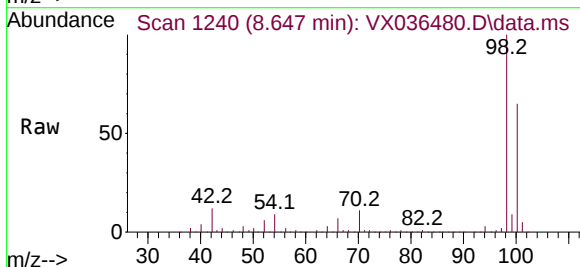
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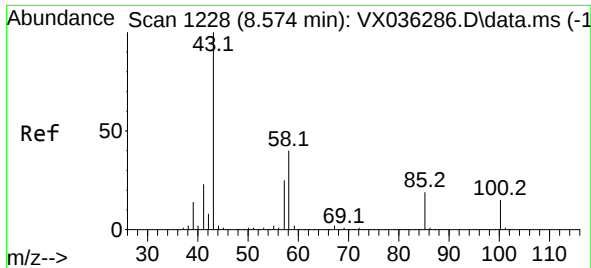
Tgt Ion: 43 Resp: 174840
Ion Ratio Lower Upper
43 100
61 20.7 15.2 22.8
87 13.4 9.8 14.6



#50
Toluene-d8
Concen: 49.707 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036480.D
Acq: 10 Jul 2023 14:10

Tgt Ion: 98 Resp: 379842
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7

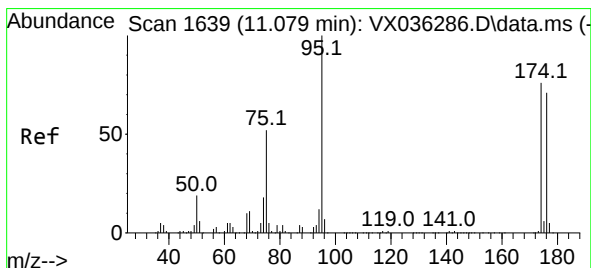
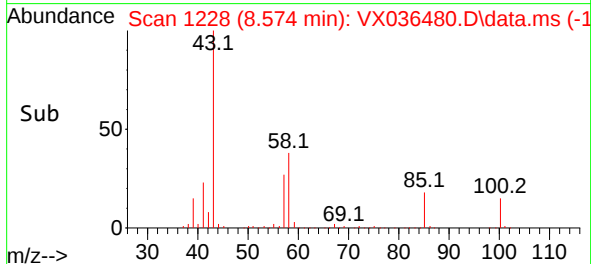
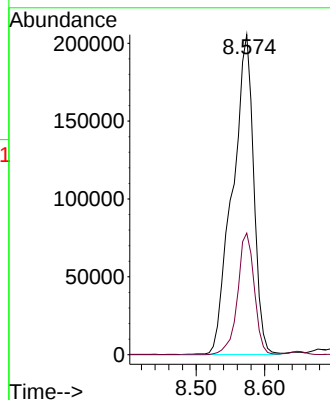
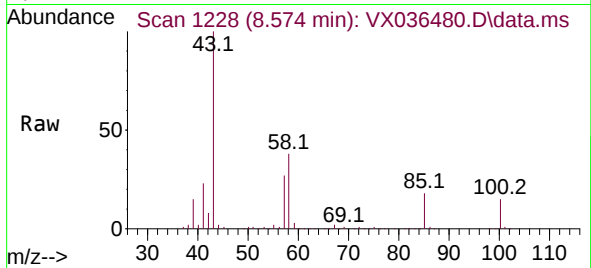




#51
4-Methyl-2-Pentanone
Concen: 137.630 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036480.D
Acq: 10 Jul 2023 14:10

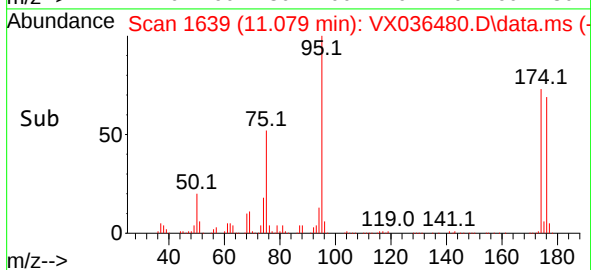
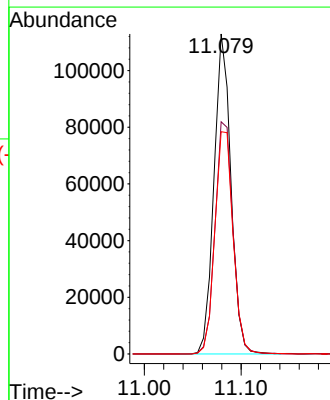
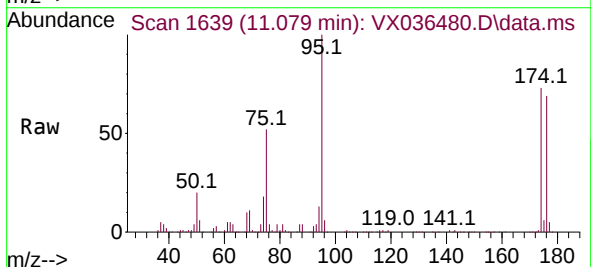
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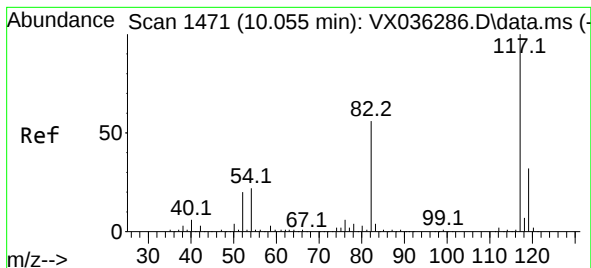
Tgt Ion: 43 Resp: 439691
Ion Ratio Lower Upper
43 100
58 30.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 51.036 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036480.D
Acq: 10 Jul 2023 14:10

Tgt Ion: 95 Resp: 137371
Ion Ratio Lower Upper
95 100
174 76.7 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: VX036480.D

Acq: 10 Jul 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

PB154051ZHE#02

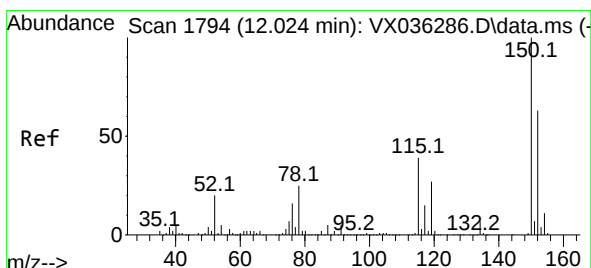
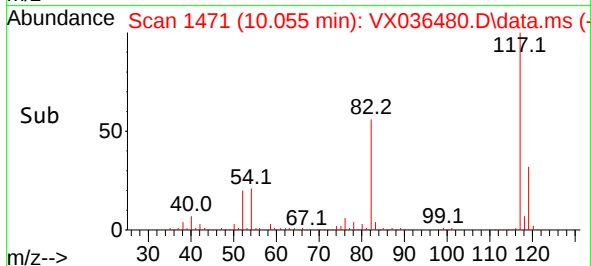
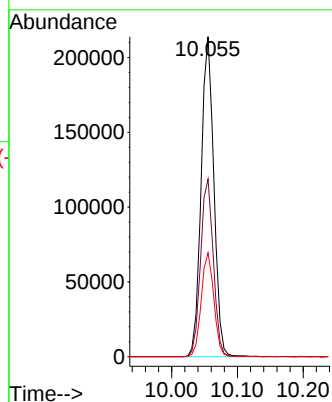
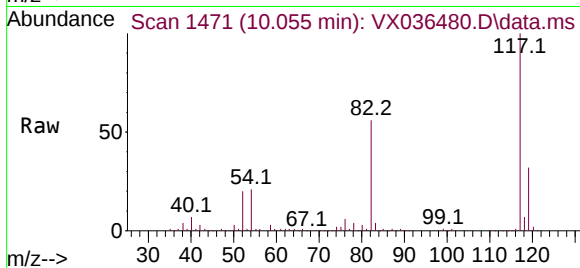
Tgt Ion:117 Resp: 287646

Ion Ratio Lower Upper

117 100

82 55.5 46.2 69.4

119 32.5 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: VX036480.D

Acq: 10 Jul 2023 14:10

Tgt Ion:152 Resp: 131840

Ion Ratio Lower Upper

152 100

115 60.3 43.3 129.9

150 156.7 0.0 345.0

