

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071023\
 Data File : VX036481.D
 Acq On : 10 Jul 2023 14:33
 Operator : JC/MD
 Sample : PB154051ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB154051ZHE#03

Quant Time: Jul 11 01:29:05 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)

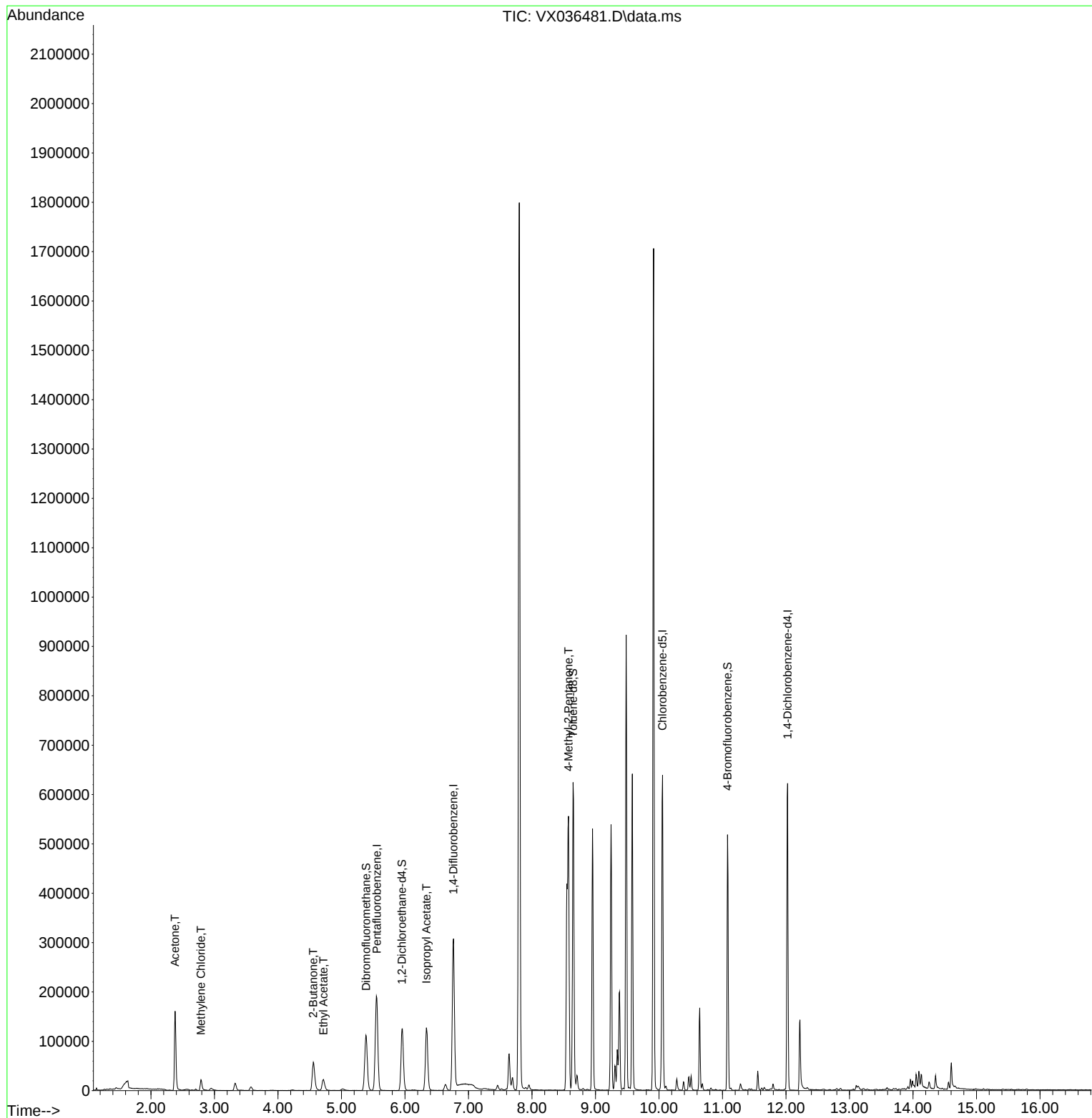
Internal Standards						
1) Pentafluorobenzene	5.556	168	179504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	309559	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	282943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	120612	46.875	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.740%
35) Dibromofluoromethane	5.385	113	98119	48.071	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.140%
50) Toluene-d8	8.647	98	379611	49.794	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.580%
62) 4-Bromofluorobenzene	11.079	95	133393	49.675	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.360%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	169826	154.415	ug/l	90
20) Methylene Chloride	2.788	84	11006	4.648	ug/l	98
25) 2-Butanone	4.556	43	99280	62.828	ug/l	98
37) Ethyl Acetate	4.715	43	40764	13.145	ug/l	98
43) Isopropyl Acetate	6.336	43	176695	35.718	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	439542	137.909	ug/l #	86

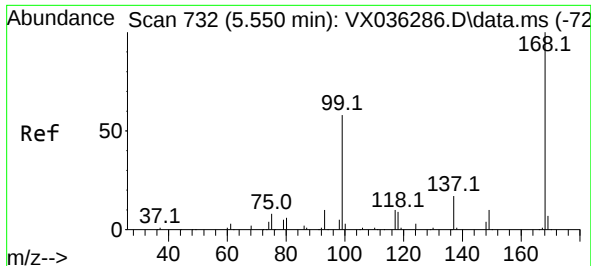
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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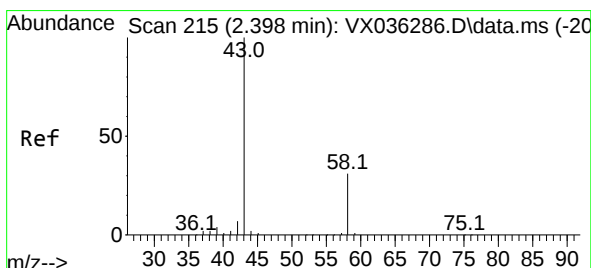
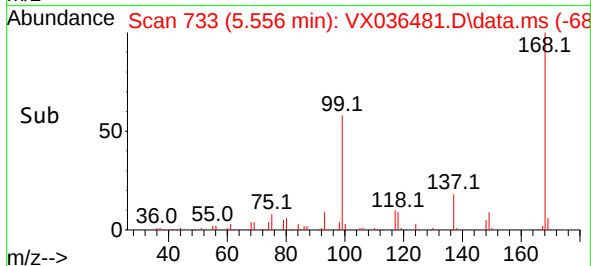
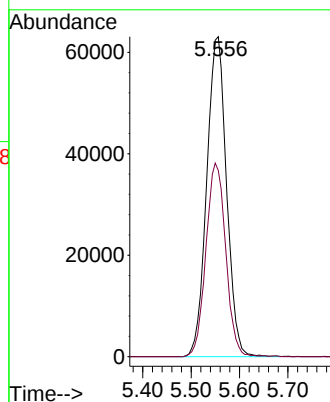
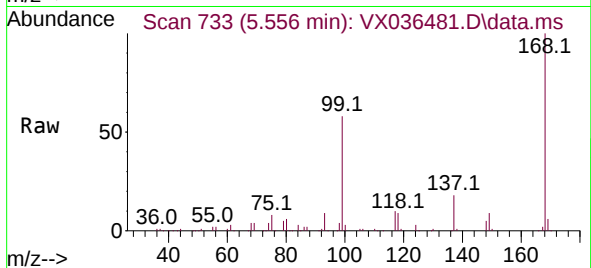




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036481.D
Acq: 10 Jul 2023 14:33

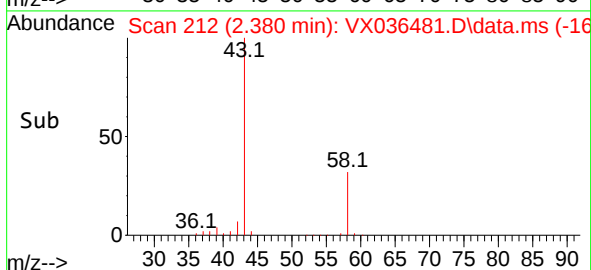
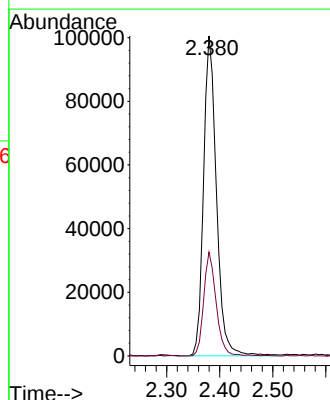
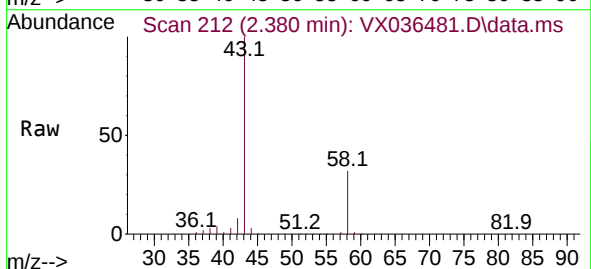
Instrument :
MSVOA_X
ClientSampleId :
PB154051ZHE#03

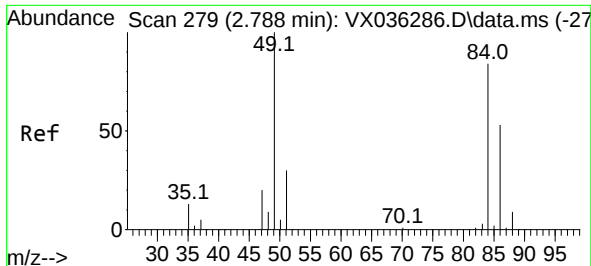
Tgt Ion:168 Resp: 179504
Ion Ratio Lower Upper
168 100
99 58.2 56.6 85.0



#16
Acetone
Concen: 154.415 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.024 min
Lab File: VX036481.D
Acq: 10 Jul 2023 14:33

Tgt Ion: 43 Resp: 169826
Ion Ratio Lower Upper
43 100
58 32.5 21.9 32.9

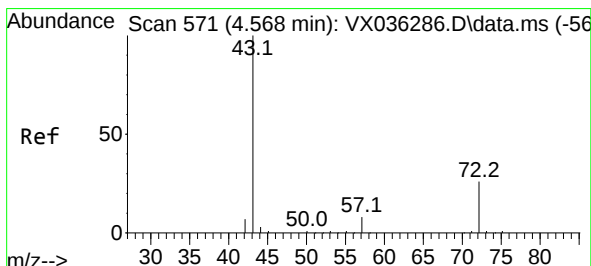
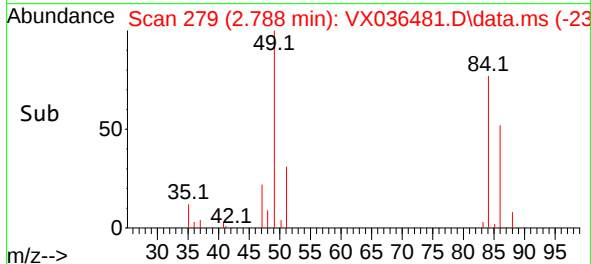
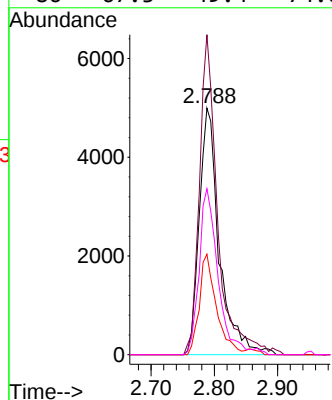
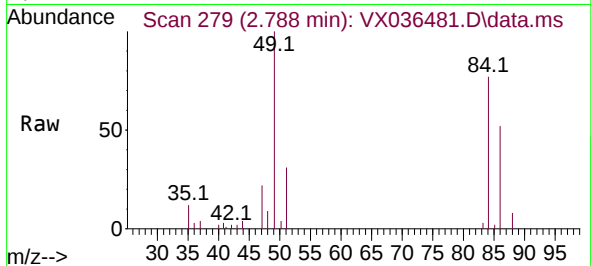




#20
Methylene Chloride
Concen: 4.648 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036481.D
Acq: 10 Jul 2023 14:33

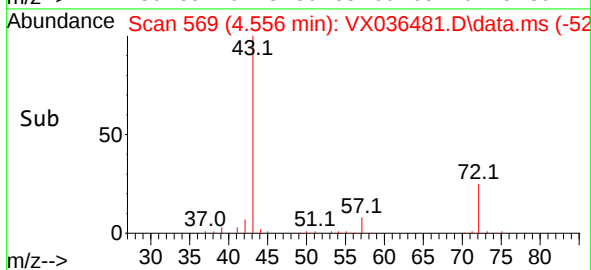
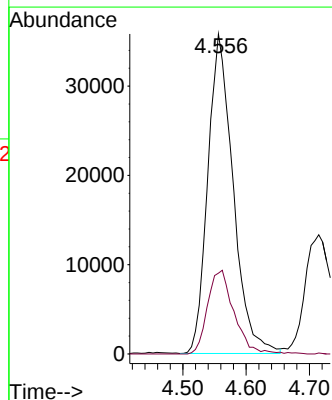
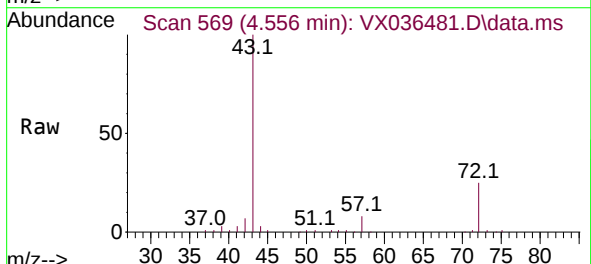
Instrument :
MSVOA_X
ClientSampleId :
PB154051ZHE#03

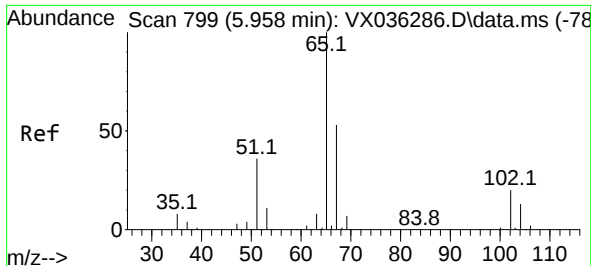
Tgt Ion:	84	Resp:	11006
Ion	Ratio	Lower	Upper
84	100		
49	129.8	103.6	155.4
51	40.8	33.8	50.6
86	67.3	49.4	74.0



#25
2-Butanone
Concen: 62.828 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.012 min
Lab File: VX036481.D
Acq: 10 Jul 2023 14:33

Tgt Ion:	43	Resp:	99280
Ion	Ratio	Lower	Upper
43	100		
72	25.3	19.4	29.2





#33

1,2-Dichloroethane-d4

Concen: 46.875 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036481.D

Acq: 10 Jul 2023 14:33

Instrument :

MSVOA_X

ClientSampleId :

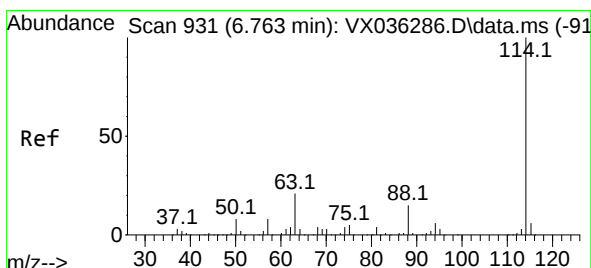
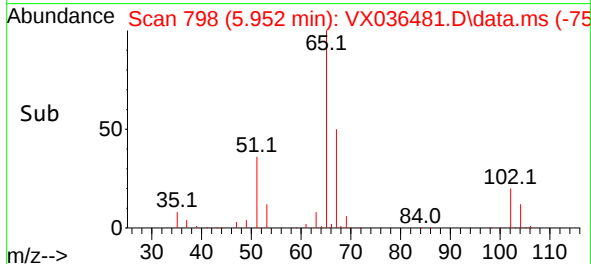
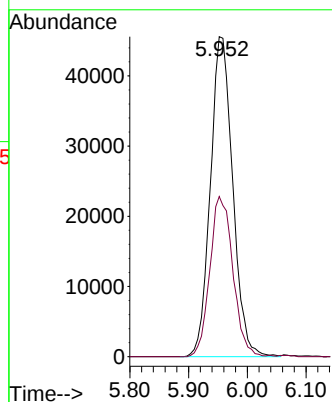
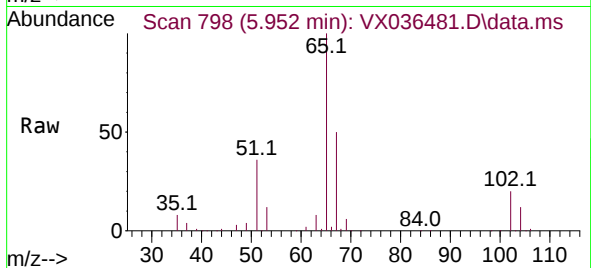
PB154051ZHE#03

Tgt Ion: 65 Resp: 120612

Ion Ratio Lower Upper

65 100

67 51.4 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: VX036481.D

Acq: 10 Jul 2023 14:33

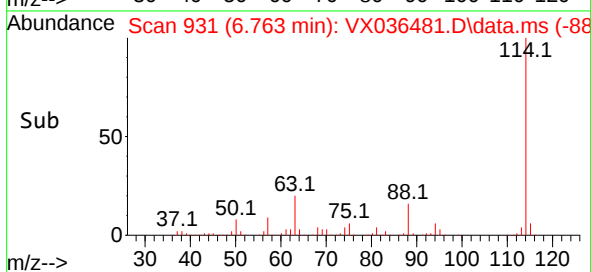
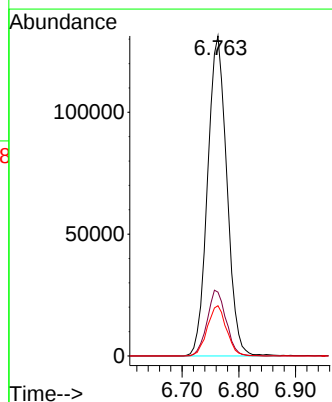
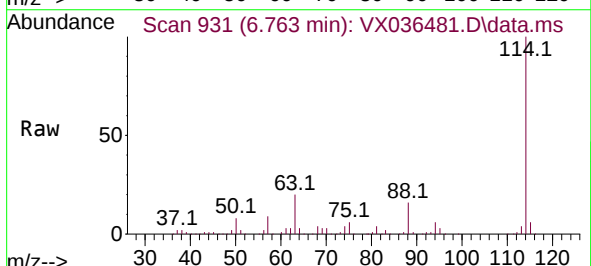
Tgt Ion: 114 Resp: 309559

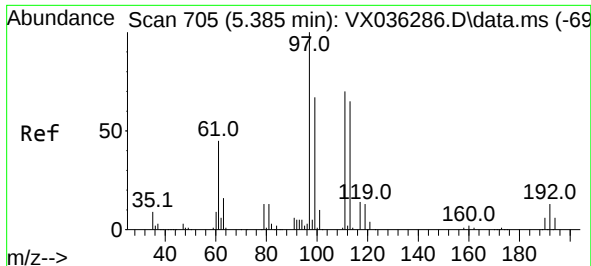
Ion Ratio Lower Upper

114 100

63 20.0 0.0 45.0

88 15.7 0.0 36.6

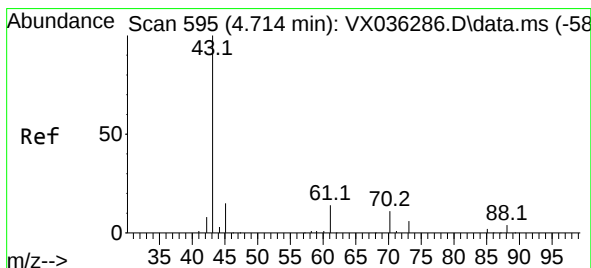
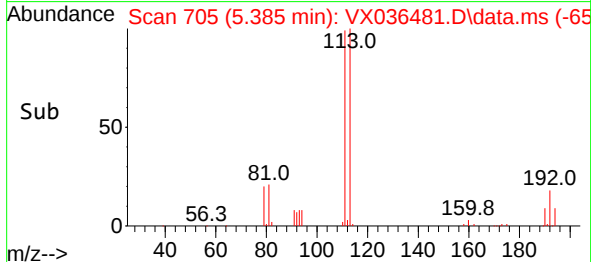
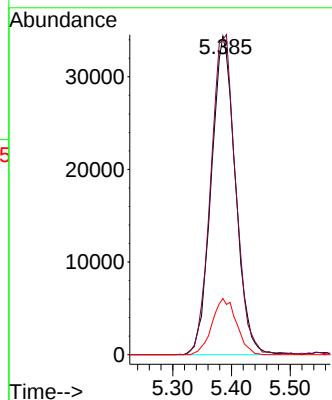
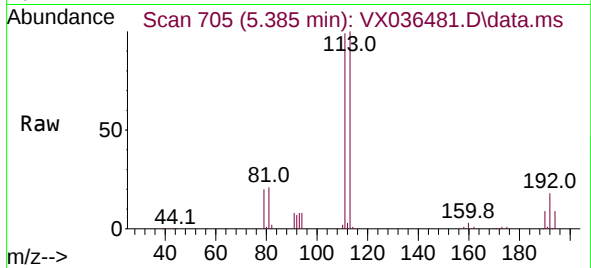




#35
Dibromofluoromethane
Concen: 48.071 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036481.D
Acq: 10 Jul 2023 14:33

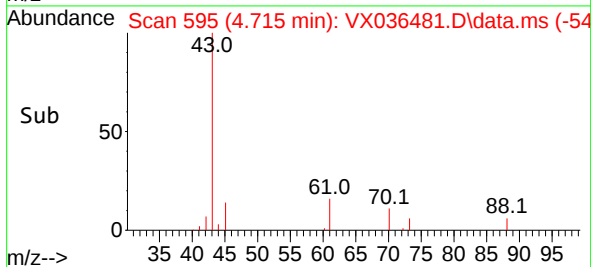
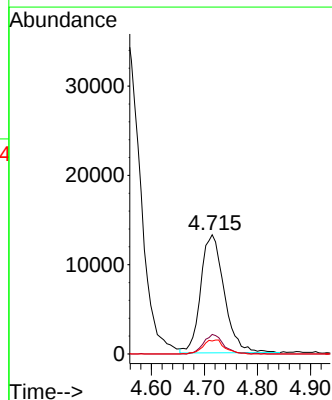
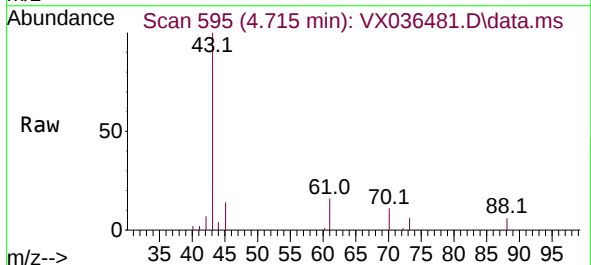
Instrument :
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PB154051ZHE#03

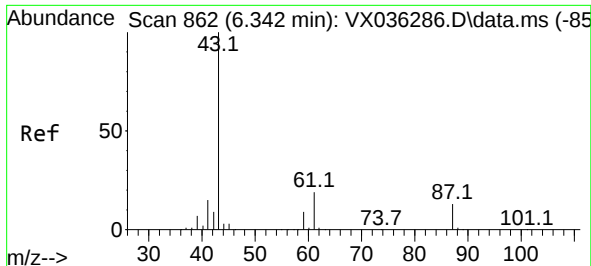
Tgt Ion:113 Resp: 98119
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 17.8 13.3 19.9



#37
Ethyl Acetate
Concen: 13.145 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.001 min
Lab File: VX036481.D
Acq: 10 Jul 2023 14:33

Tgt Ion: 43 Resp: 40764
Ion Ratio Lower Upper
43 100
61 14.0 10.6 16.0
70 11.0 8.3 12.5

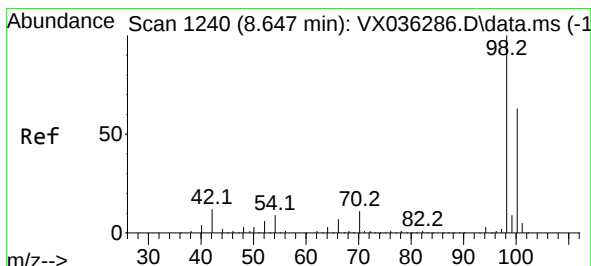
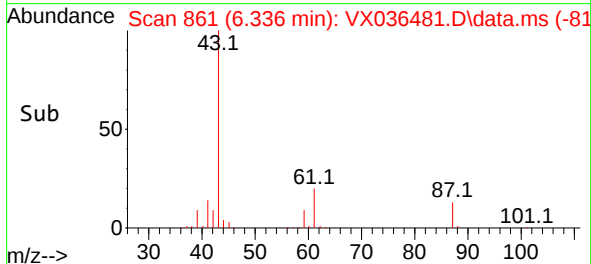
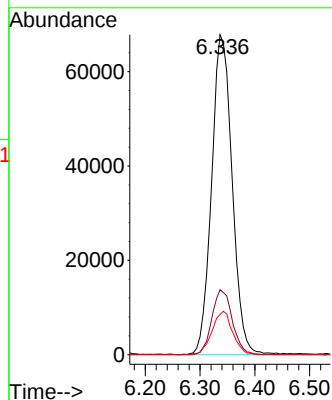
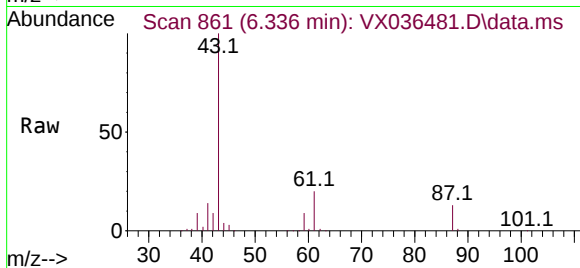




#43
Isopropyl Acetate
Concen: 35.718 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX036481.D
Acq: 10 Jul 2023 14:33

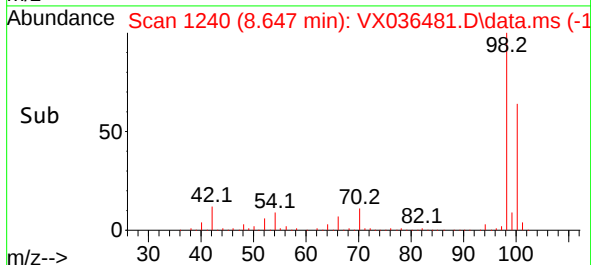
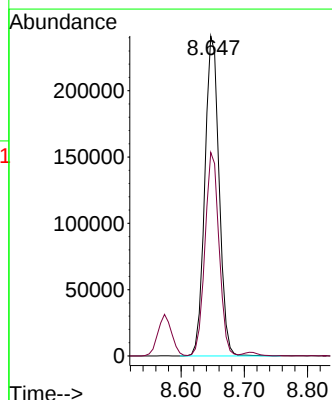
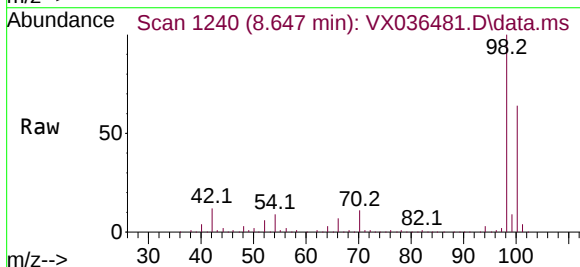
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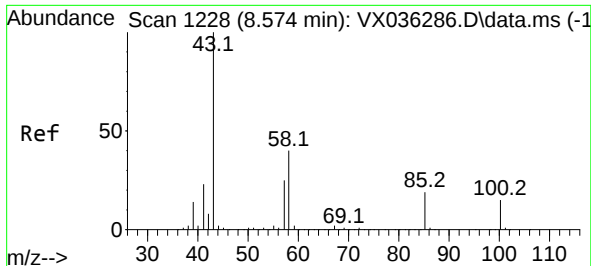
Tgt Ion: 43 Resp: 176695
Ion Ratio Lower Upper
43 100
61 20.1 15.2 22.8
87 13.4 9.8 14.6



#50
Toluene-d8
Concen: 49.794 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036481.D
Acq: 10 Jul 2023 14:33

Tgt Ion: 98 Resp: 379611
Ion Ratio Lower Upper
98 100
100 62.4 53.1 79.7

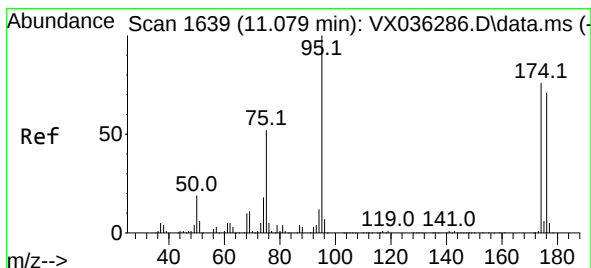
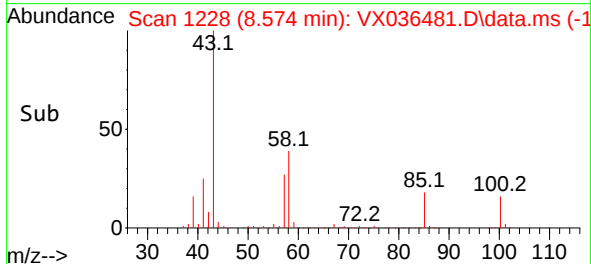
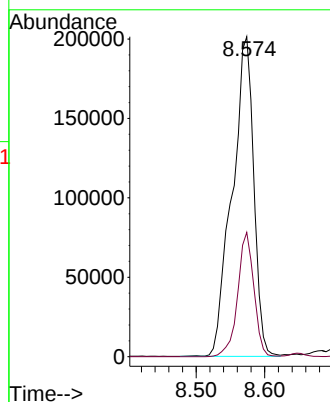
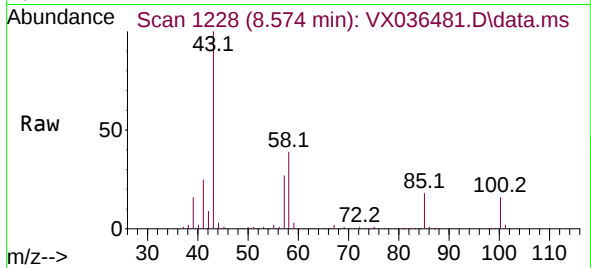




#51
4-Methyl-2-Pentanone
Concen: 137.909 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX036481.D
Acq: 10 Jul 2023 14:33

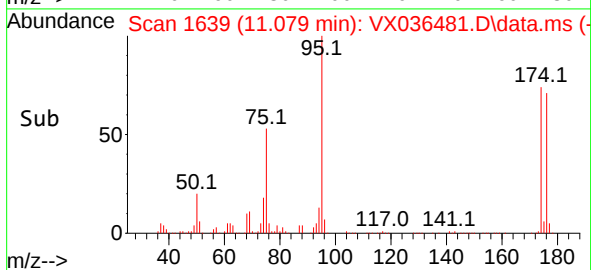
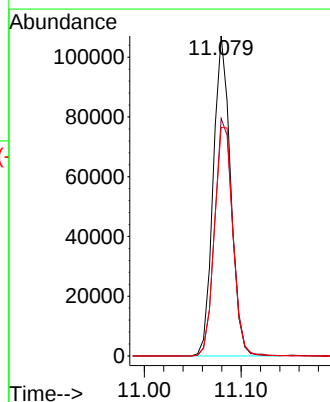
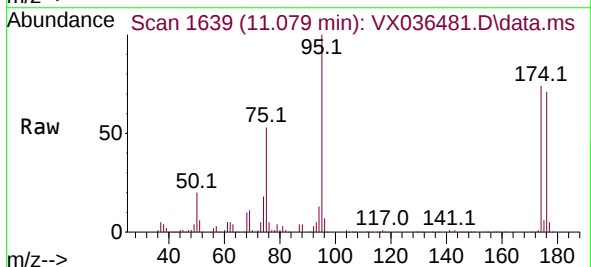
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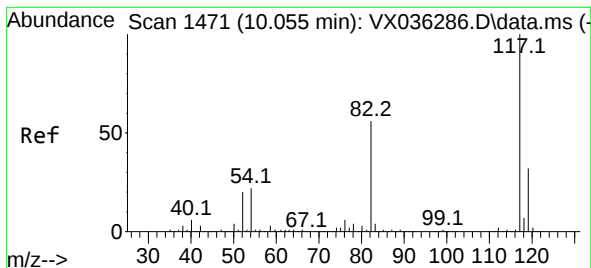
Tgt Ion: 43 Resp: 439542
Ion Ratio Lower Upper
43 100
58 29.4 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 49.675 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036481.D
Acq: 10 Jul 2023 14:33

Tgt Ion: 95 Resp: 133393
Ion Ratio Lower Upper
95 100
174 76.8 0.0 135.6
176 76.3 0.0 131.0

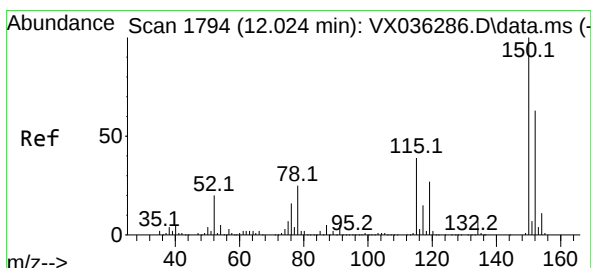
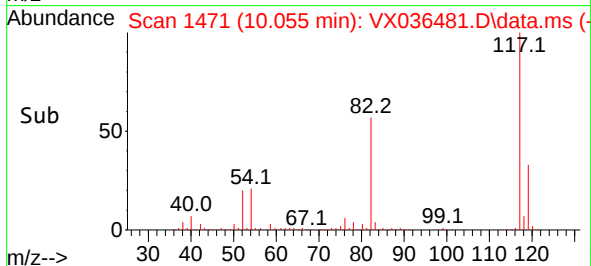
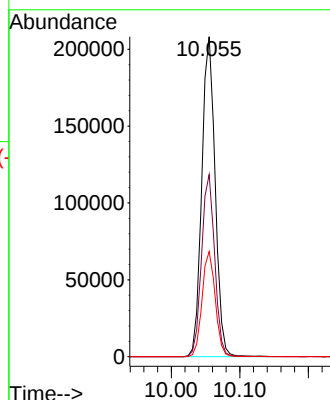
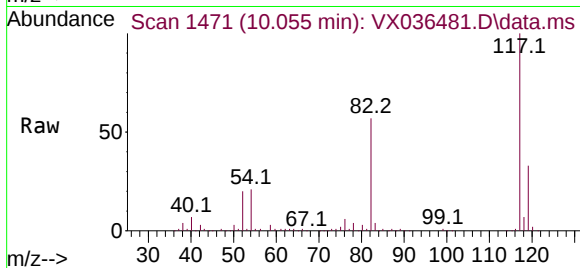




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036481.D
Acq: 10 Jul 2023 14:33

Instrument :
MSVOA_X
ClientSampleId :
PB154051ZHE#03

Tgt Ion:117 Resp: 282943
Ion Ratio Lower Upper
117 100
82 56.9 46.2 69.4
119 32.9 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: VX036481.D
Acq: 10 Jul 2023 14:33

Tgt Ion:152 Resp: 129345
Ion Ratio Lower Upper
152 100
115 59.5 43.3 129.9
150 157.8 0.0 345.0

