

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070523\
 Data File : VX036409.D
 Acq On : 05 Jul 2023 17:18
 Operator : JC/MD
 Sample : PB153983ZHE#10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB153983ZHE#10

Quant Time: Jul 06 04:54:31 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)

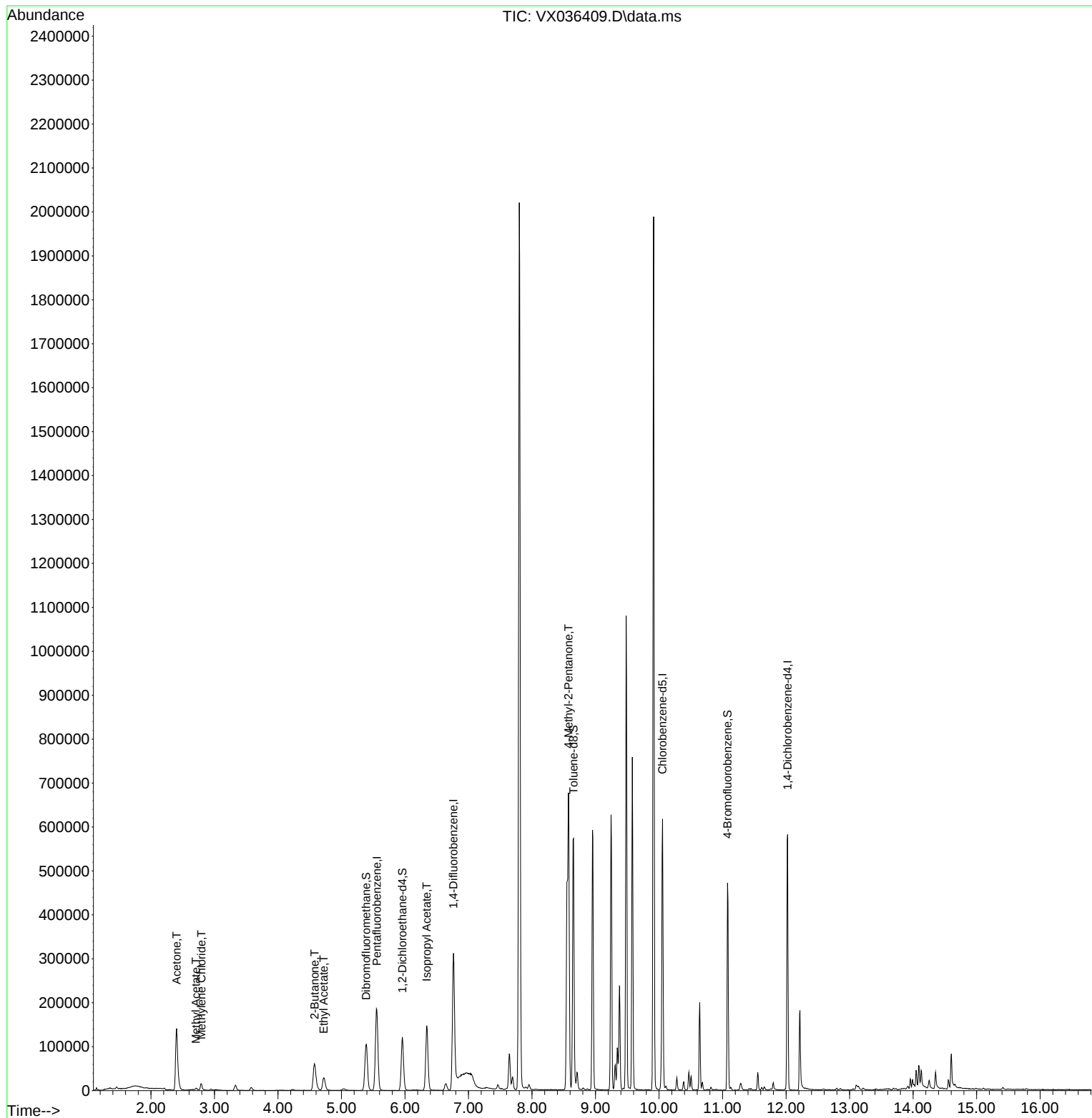
Internal Standards						
1) Pentafluorobenzene	5.556	168	176849	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	297049	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	262297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	111906	44.144	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.280%		
35) Dibromofluoromethane	5.385	113	92047	46.995	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.980%		
50) Toluene-d8	8.653	98	352717	48.215	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.420%		
62) 4-Bromofluorobenzene	11.079	95	125474	48.694	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.380%		
Target Compounds						
						Qvalue
16) Acetone	2.404	43	219344	202.434	ug/l	94
18) Methyl Acetate	2.709	43	4993	1.121	ug/l	96
20) Methylene Chloride	2.794	84	7834	3.358	ug/l	91
25) 2-Butanone	4.574	43	117647	75.569	ug/l	93
37) Ethyl Acetate	4.721	43	53945	18.128	ug/l	98
43) Isopropyl Acetate	6.342	43	200301	42.195	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	527045	172.328	ug/l #	87

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

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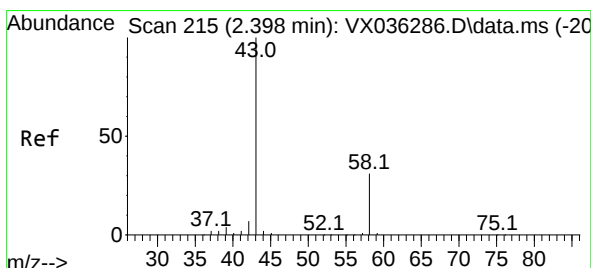
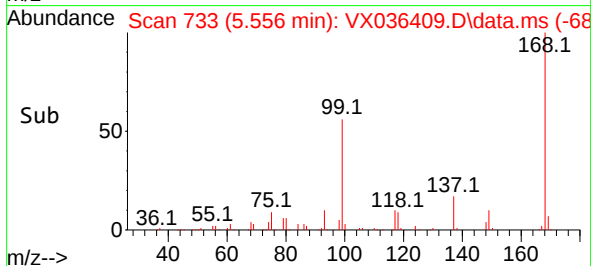
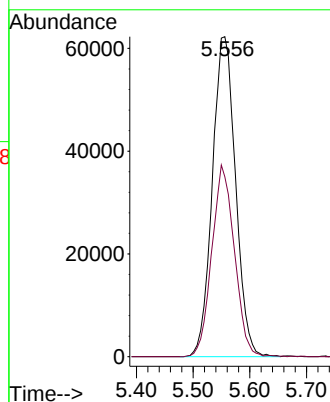
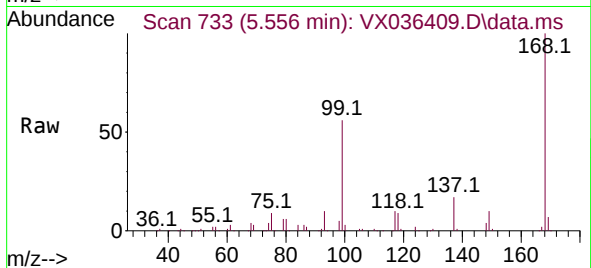




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036409.D
Acq: 05 Jul 2023 17:18

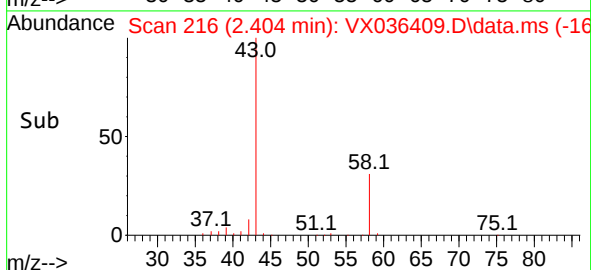
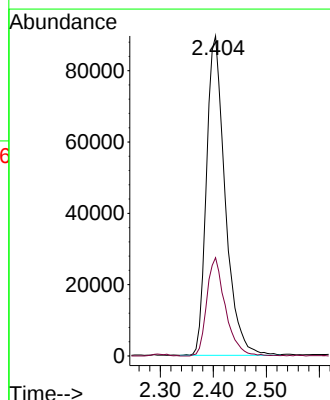
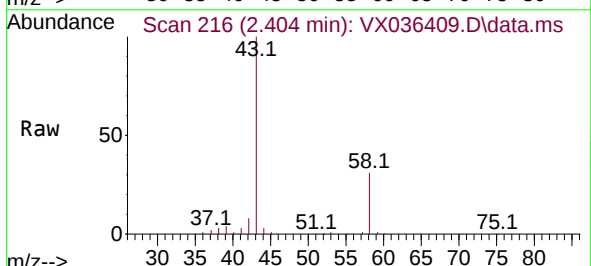
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#10

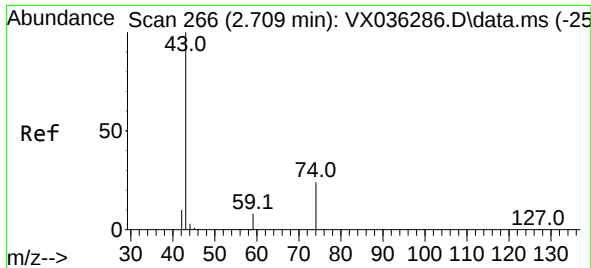
Tgt Ion:168 Resp: 176849
Ion Ratio Lower Upper
168 100
99 56.2 56.6 85.0#



#16
Acetone
Concen: 202.434 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.000 min
Lab File: VX036409.D
Acq: 05 Jul 2023 17:18

Tgt Ion: 43 Resp: 219344
Ion Ratio Lower Upper
43 100
58 30.8 21.9 32.9

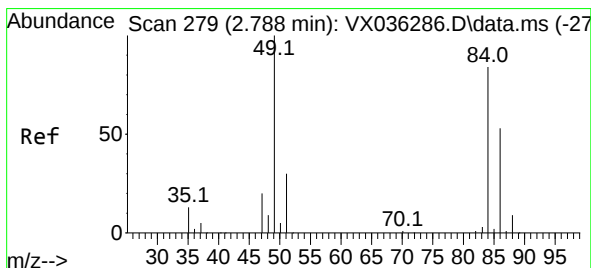
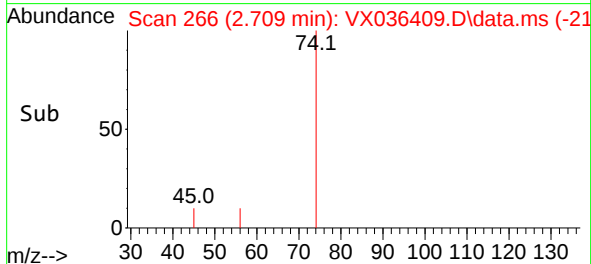
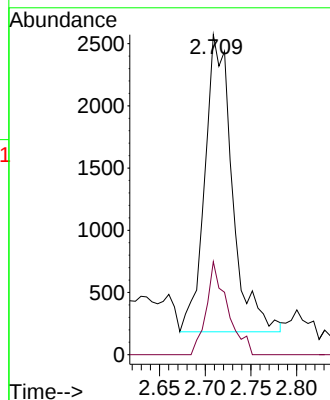
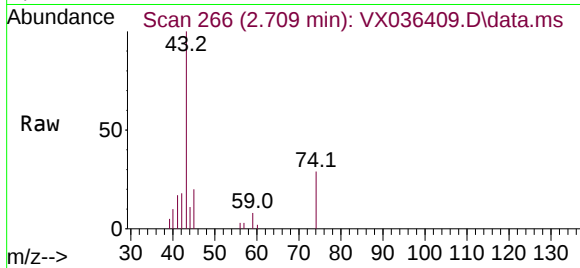




#18
Methyl Acetate
Concen: 1.121 ug/l
RT: 2.709 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX036409.D
Acq: 05 Jul 2023 17:18

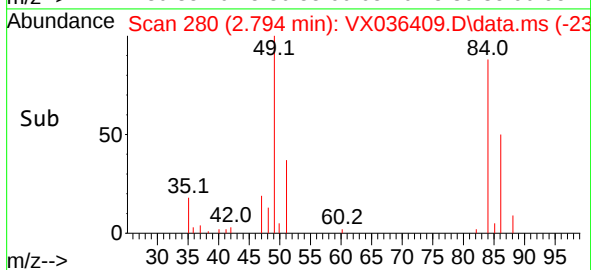
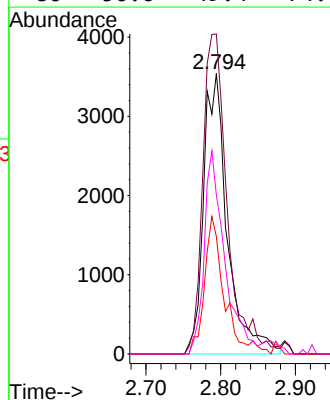
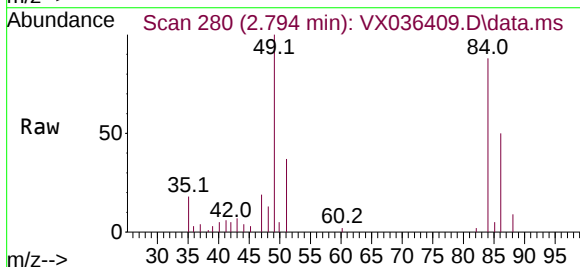
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#10

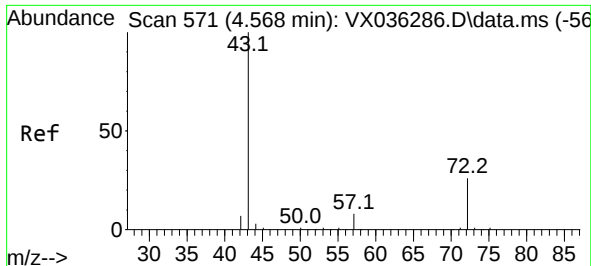
Tgt Ion: 43 Resp: 4993
Ion Ratio Lower Upper
43 100
74 24.0 17.8 26.8



#20
Methylene Chloride
Concen: 3.358 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036409.D
Acq: 05 Jul 2023 17:18

Tgt Ion: 84 Resp: 7834
Ion Ratio Lower Upper
84 100
49 114.1 103.6 155.4
51 41.8 33.8 50.6
86 56.6 49.4 74.0

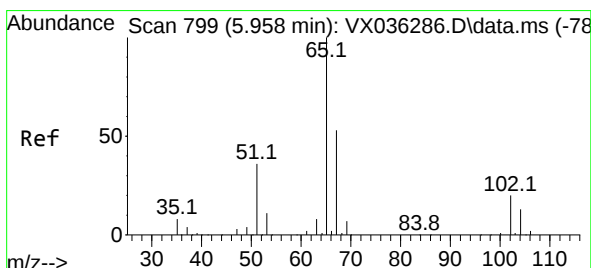
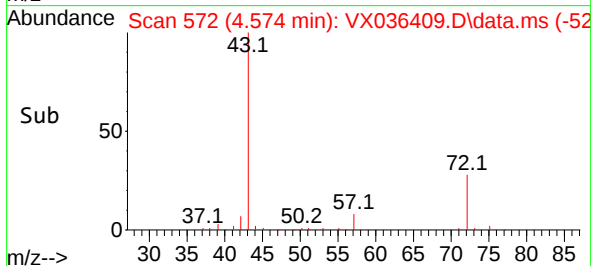
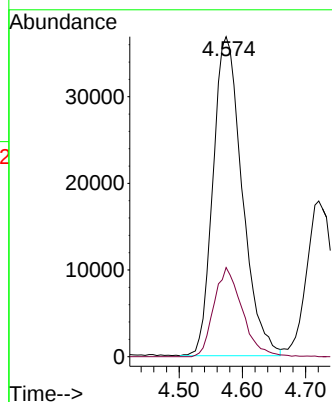
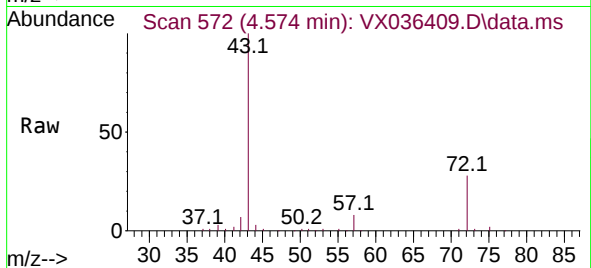




#25
2-Butanone
Concen: 75.569 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX036409.D
Acq: 05 Jul 2023 17:18

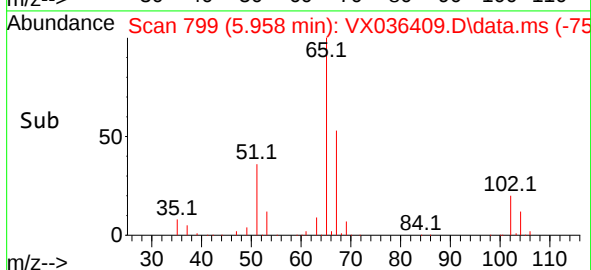
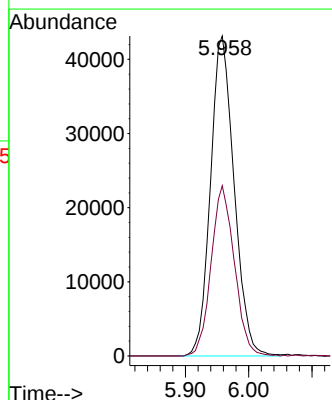
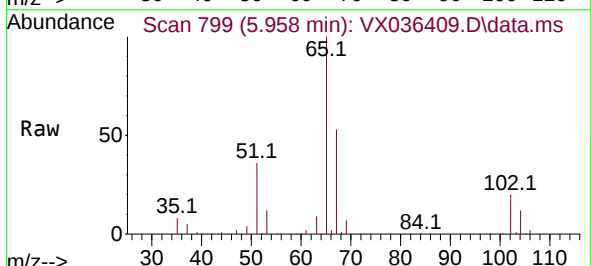
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#10

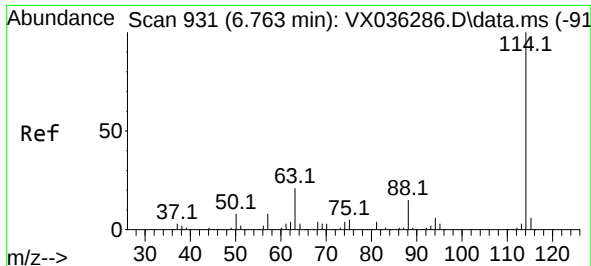
Tgt Ion: 43 Resp: 117647
Ion Ratio Lower Upper
43 100
72 27.9 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 44.144 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036409.D
Acq: 05 Jul 2023 17:18

Tgt Ion: 65 Resp: 111906
Ion Ratio Lower Upper
65 100
67 52.4 0.0 100.2

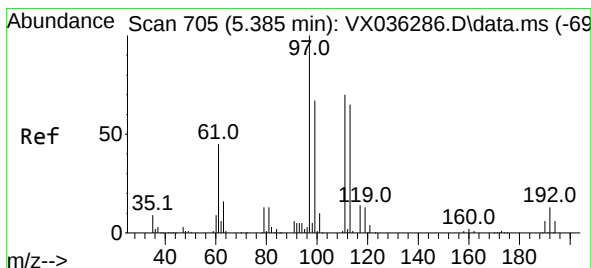
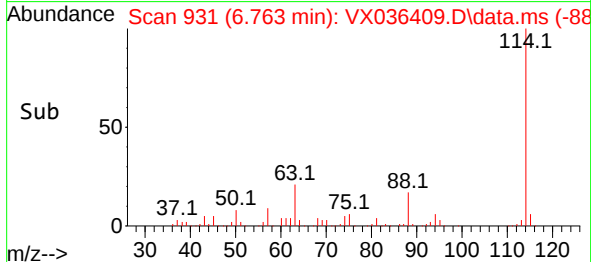
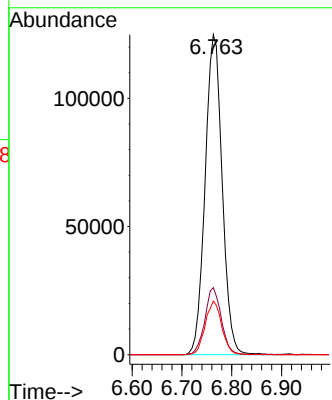
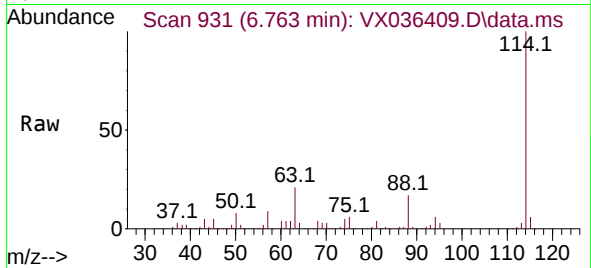




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036409.D
Acq: 05 Jul 2023 17:18

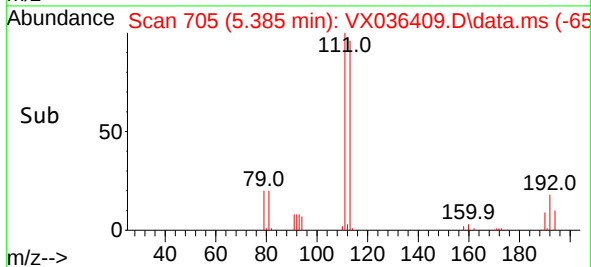
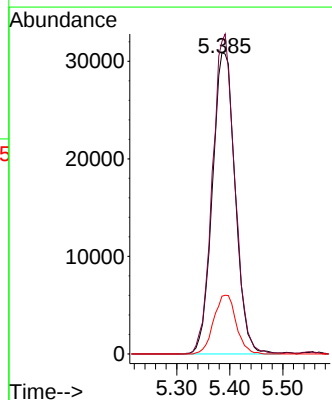
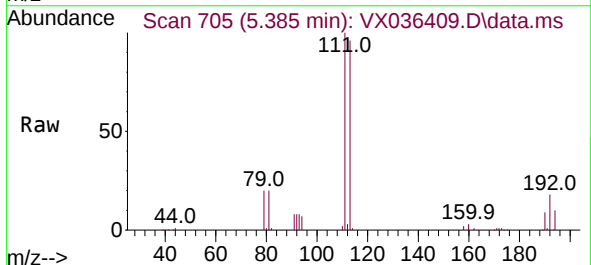
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#10

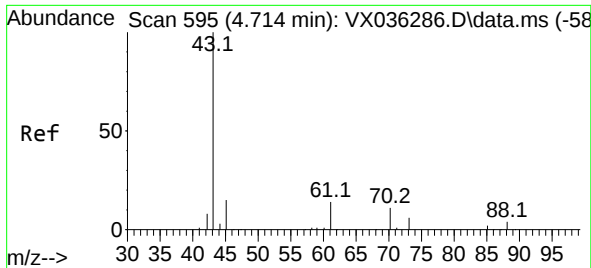
Tgt Ion:114 Resp: 297049
Ion Ratio Lower Upper
114 100
63 20.9 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.995 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036409.D
Acq: 05 Jul 2023 17:18

Tgt Ion:113 Resp: 92047
Ion Ratio Lower Upper
113 100
111 104.2 82.9 124.3
192 19.2 13.3 19.9

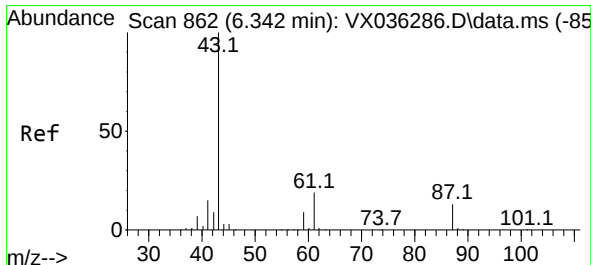
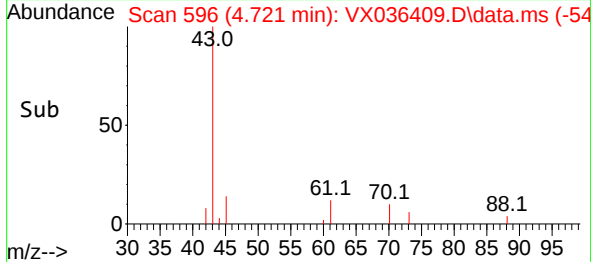
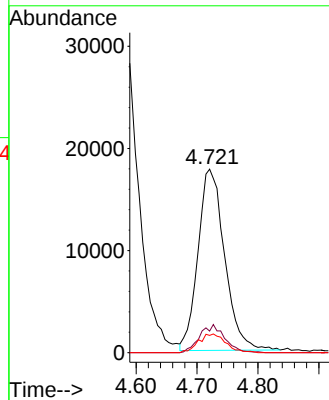
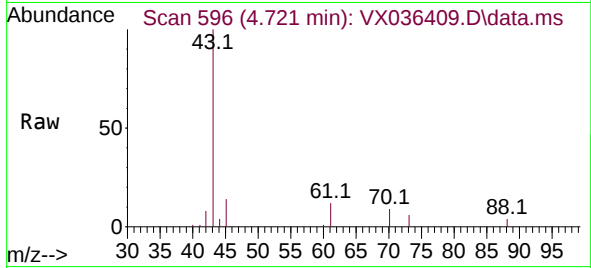




#37
Ethyl Acetate
Concen: 18.128 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.007 min
Lab File: VX036409.D
Acq: 05 Jul 2023 17:18

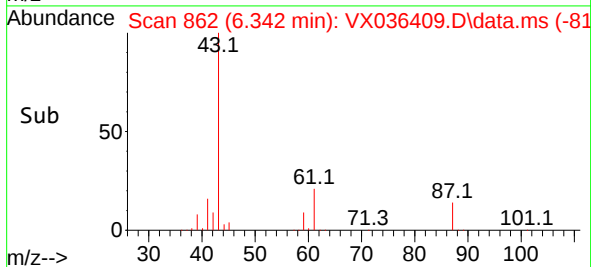
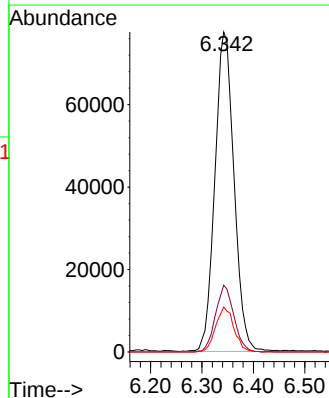
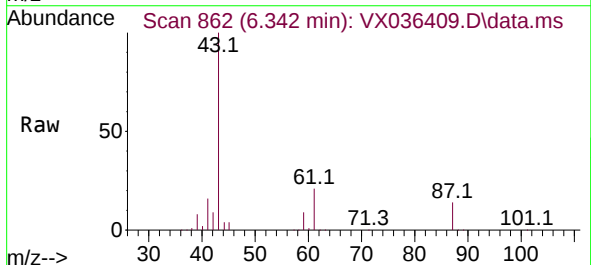
Instrument :
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ClientSampleId :
PB153983ZHE#10

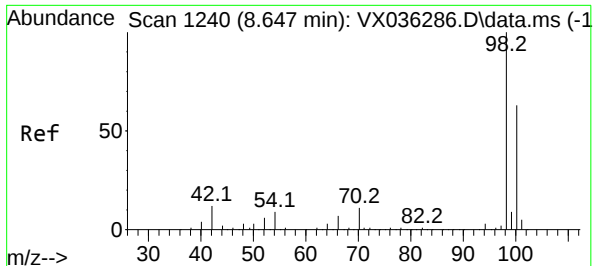
Tgt Ion: 43	Resp: 53945
Ion Ratio	Lower Upper
43 100	
61 14.6	10.6 16.0
70 10.6	8.3 12.5



#43
Isopropyl Acetate
Concen: 42.195 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX036409.D
Acq: 05 Jul 2023 17:18

Tgt Ion: 43	Resp: 200301
Ion Ratio	Lower Upper
43 100	
61 20.0	15.2 22.8
87 13.5	9.8 14.6

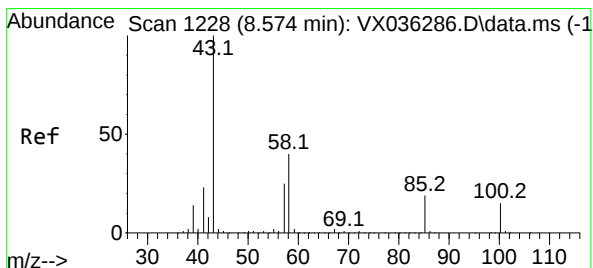
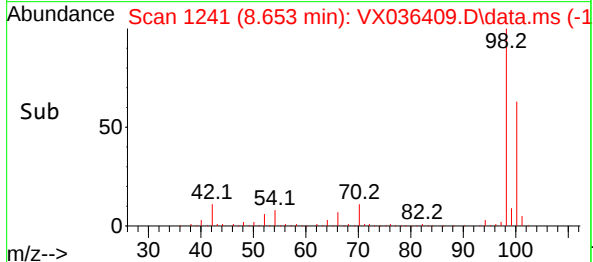
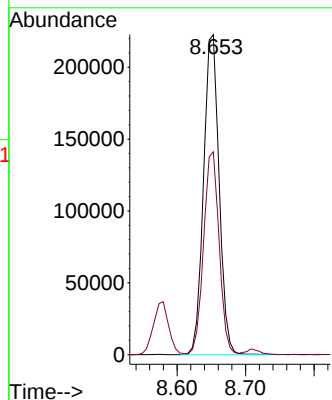
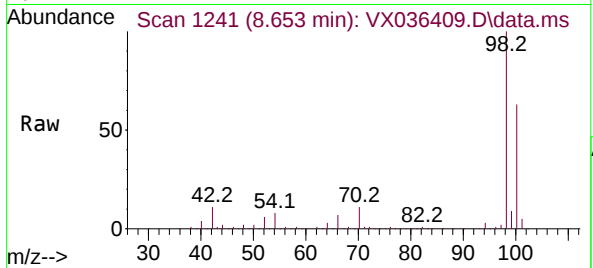




#50
Toluene-d8
Concen: 48.215 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX036409.D
Acq: 05 Jul 2023 17:18

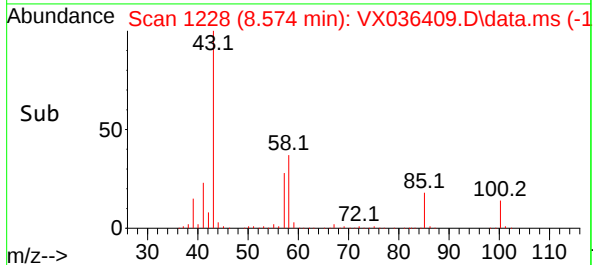
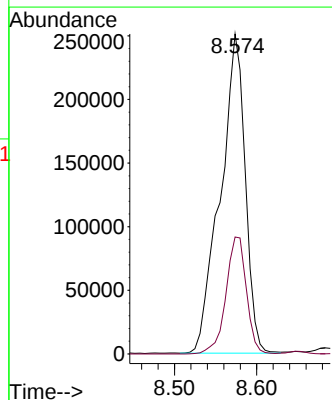
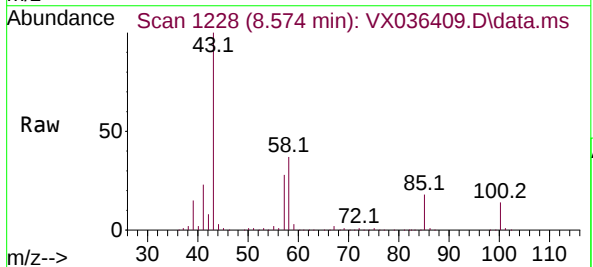
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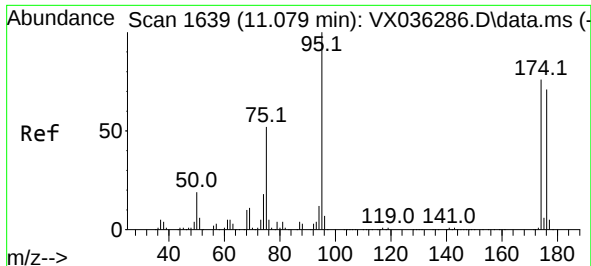
Tgt Ion: 98 Resp: 352717
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 172.328 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX036409.D
Acq: 05 Jul 2023 17:18

Tgt Ion: 43 Resp: 527045
Ion Ratio Lower Upper
43 100
58 30.2 30.4 45.6#

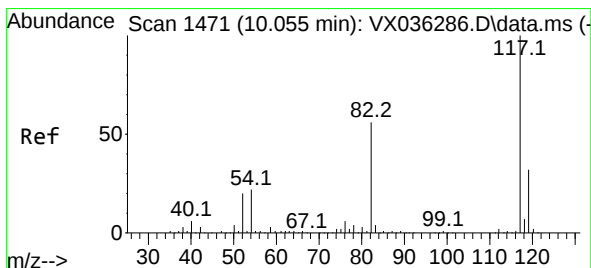
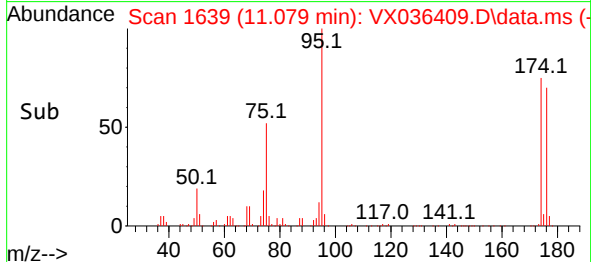
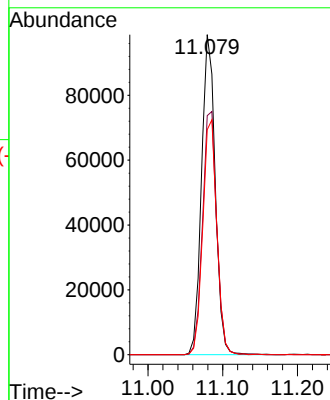
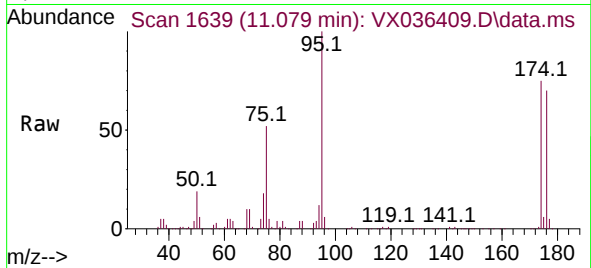




#62
4-Bromofluorobenzene
Concen: 48.694 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036409.D
Acq: 05 Jul 2023 17:18

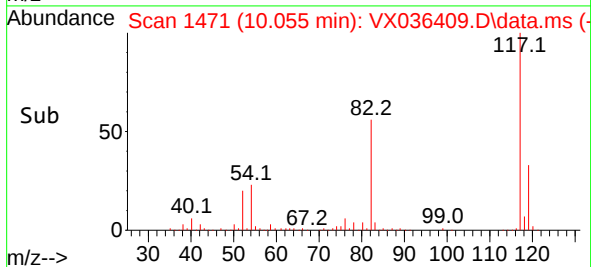
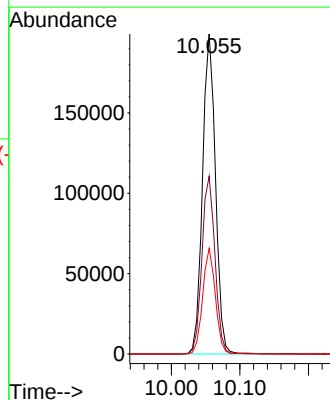
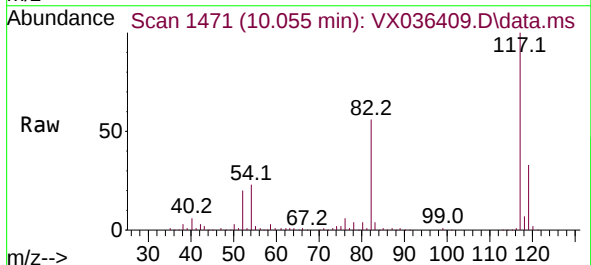
Instrument :
MSVOA_X
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PB153983ZHE#10

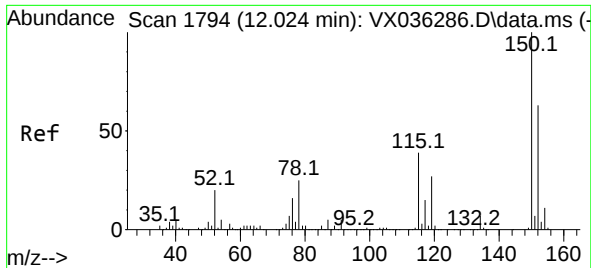
Tgt Ion: 95 Resp: 125474
Ion Ratio Lower Upper
95 100
174 78.7 0.0 135.6
176 75.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036409.D
Acq: 05 Jul 2023 17:18

Tgt Ion: 117 Resp: 262297
Ion Ratio Lower Upper
117 100
82 55.6 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: VX036409.D

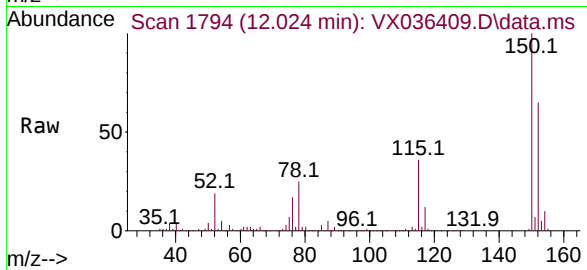
Acq: 05 Jul 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

PB153983ZHE#10



Tgt Ion:152 Resp: 121916

Ion Ratio Lower Upper

152 100

115 58.7 43.3 129.9

150 156.0 0.0 345.0

