

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070523\
 Data File : VX036417.D
 Acq On : 05 Jul 2023 20:28
 Operator : JC/MD
 Sample : 03507-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CP-1

Quant Time: Jul 06 04:57:59 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)

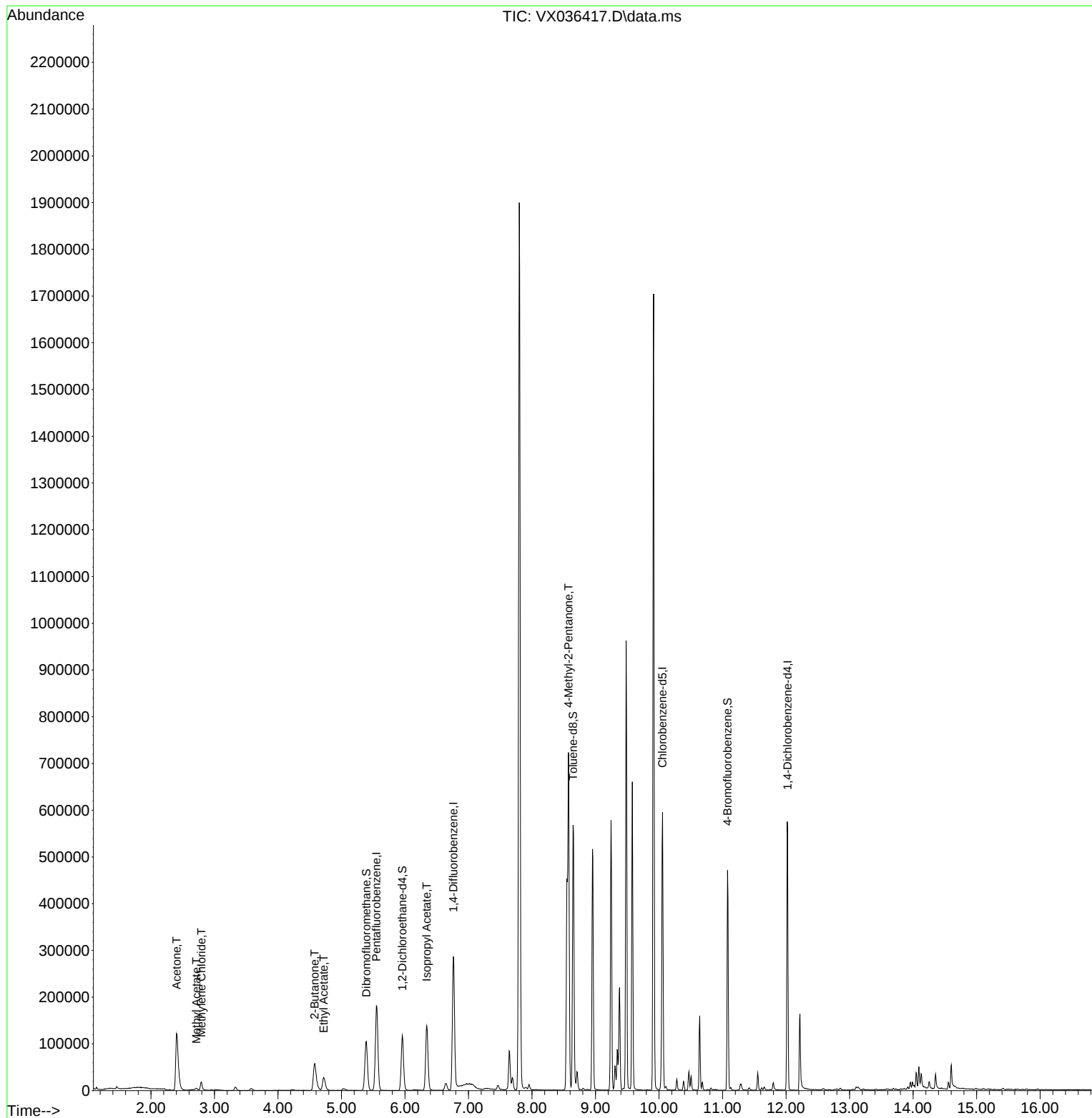
Internal Standards						
1) Pentafluorobenzene	5.550	168	170208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	289403	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	258005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	109433	44.853	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.700%
35) Dibromofluoromethane	5.391	113	91992	48.208	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.420%
50) Toluene-d8	8.647	98	347230	48.718	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.440%
62) 4-Bromofluorobenzene	11.079	95	123901	49.354	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.700%
Target Compounds						
					Qvalue	
16) Acetone	2.404	43	225034	215.788	ug/l	98
18) Methyl Acetate	2.715	43	4516	1.053	ug/l	97
20) Methylene Chloride	2.794	84	9422	4.196	ug/l	90
25) 2-Butanone	4.574	43	119485	79.744	ug/l	96
37) Ethyl Acetate	4.721	43	51720	17.840	ug/l	97
43) Isopropyl Acetate	6.342	43	194257	42.003	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	531767	178.465	ug/l #	87

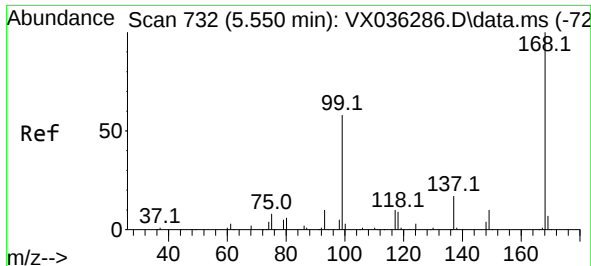
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070523\
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Quant Title : SW846 8260
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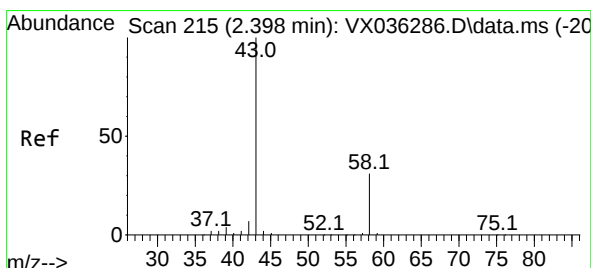
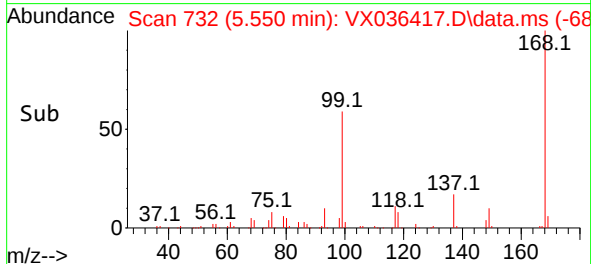
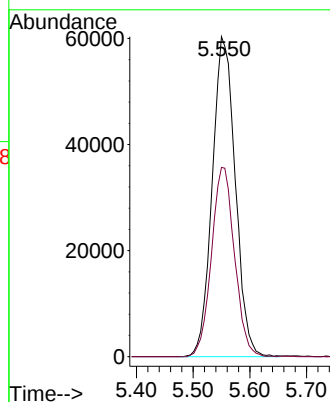
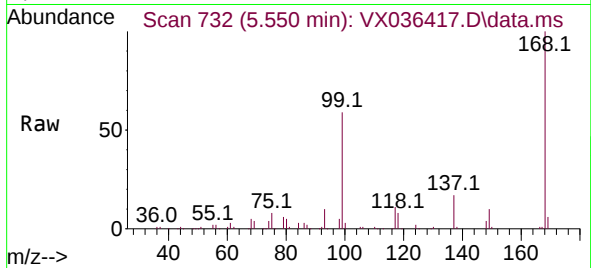




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036417.D
Acq: 05 Jul 2023 20:28

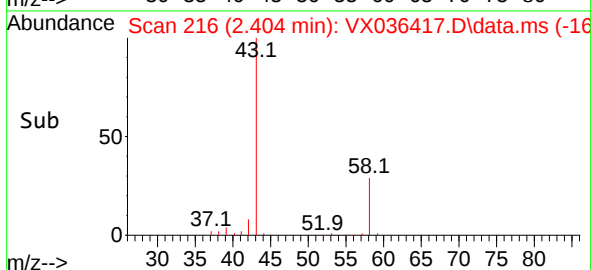
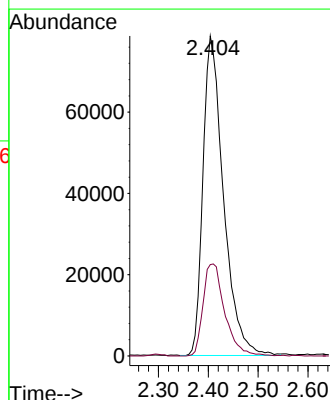
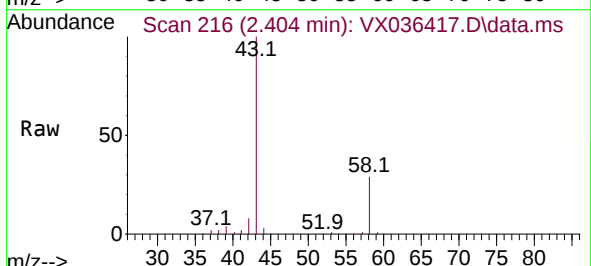
Instrument :
MSVOA_X
ClientSampleId :
CP-1

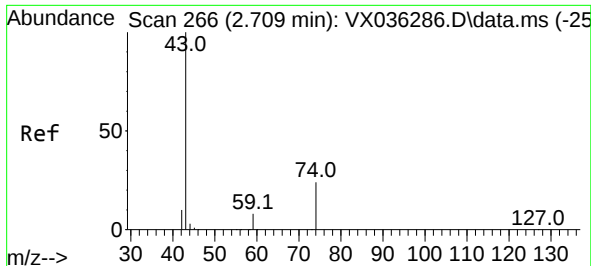
Tgt Ion:168 Resp: 170208
Ion Ratio Lower Upper
168 100
99 59.2 56.6 85.0



#16
Acetone
Concen: 215.788 ug/l
RT: 2.404 min Scan# 216
Delta R.T. -0.000 min
Lab File: VX036417.D
Acq: 05 Jul 2023 20:28

Tgt Ion: 43 Resp: 225034
Ion Ratio Lower Upper
43 100
58 28.6 21.9 32.9

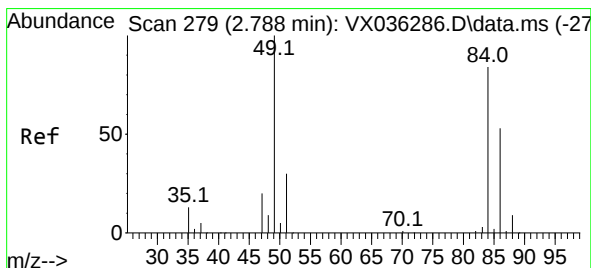
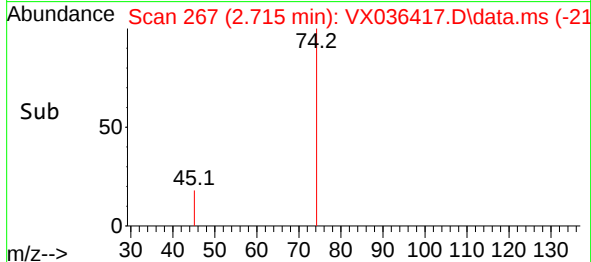
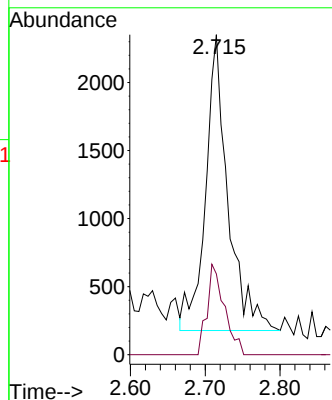
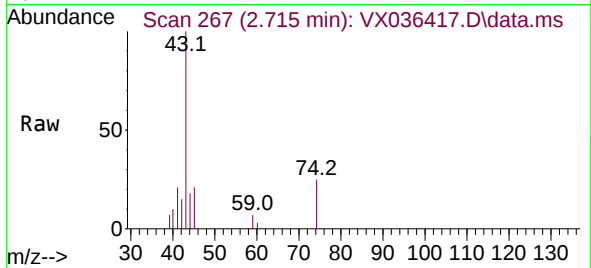




#18
Methyl Acetate
Concen: 1.053 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX036417.D
Acq: 05 Jul 2023 20:28

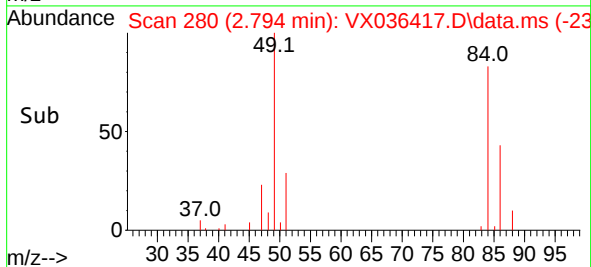
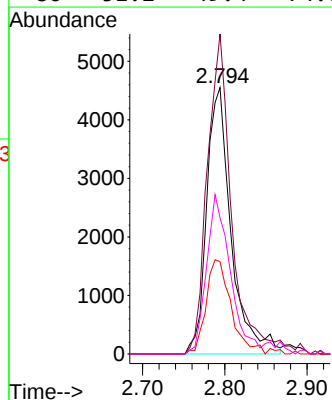
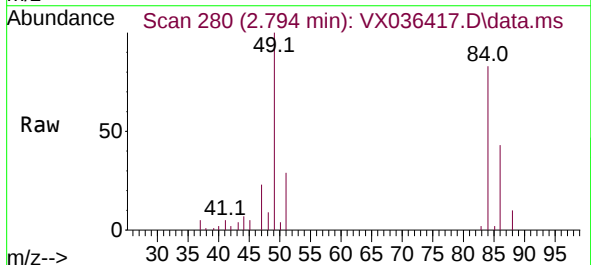
Instrument :
MSVOA_X
ClientSampleId :
CP-1

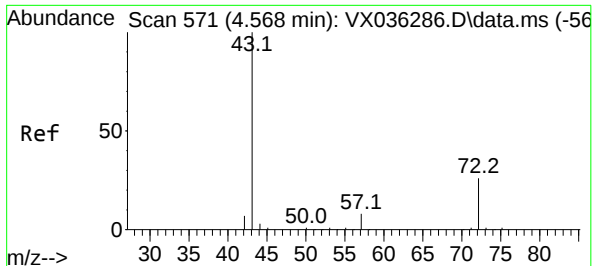
Tgt Ion: 43 Resp: 4516
Ion Ratio Lower Upper
43 100
74 23.7 17.8 26.8



#20
Methylene Chloride
Concen: 4.196 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036417.D
Acq: 05 Jul 2023 20:28

Tgt Ion: 84 Resp: 9422
Ion Ratio Lower Upper
84 100
49 120.1 103.6 155.4
51 34.7 33.8 50.6
86 51.2 49.4 74.0





#25

2-Butanone

Concen: 79.744 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX036417.D

Acq: 05 Jul 2023 20:28

Instrument :

MSVOA_X

ClientSampleId :

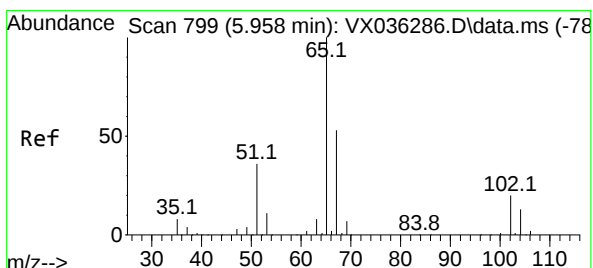
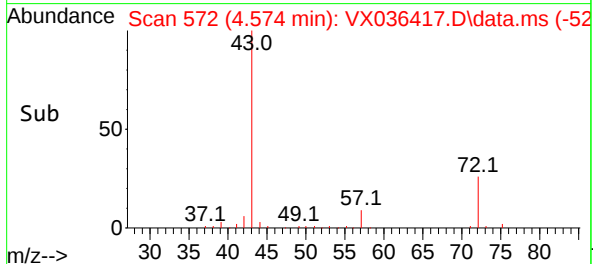
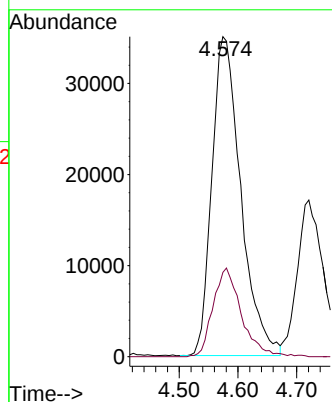
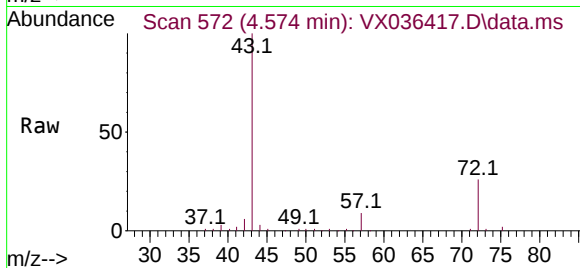
CP-1

Tgt Ion: 43 Resp: 119485

Ion Ratio Lower Upper

43 100

72 26.5 19.4 29.2



#33

1,2-Dichloroethane-d4

Concen: 44.853 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX036417.D

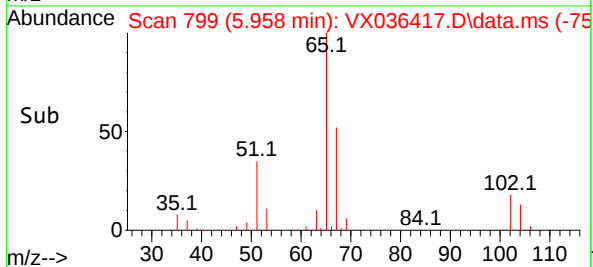
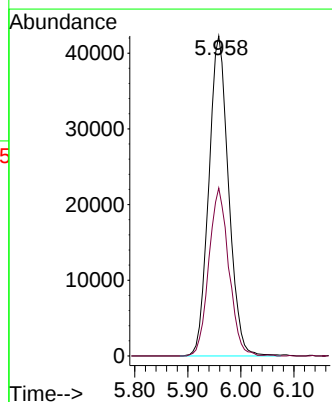
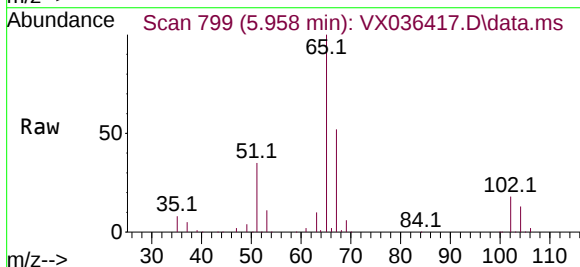
Acq: 05 Jul 2023 20:28

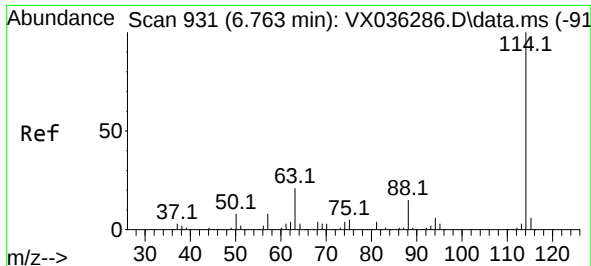
Tgt Ion: 65 Resp: 109433

Ion Ratio Lower Upper

65 100

67 53.0 0.0 100.2

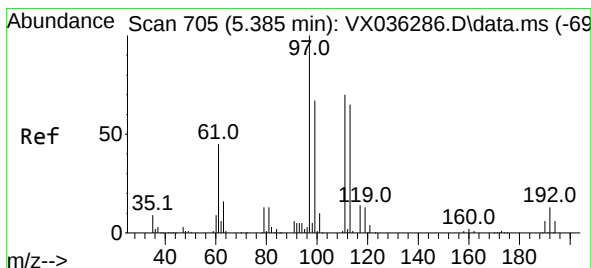
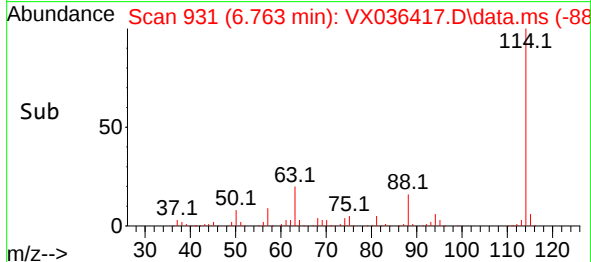
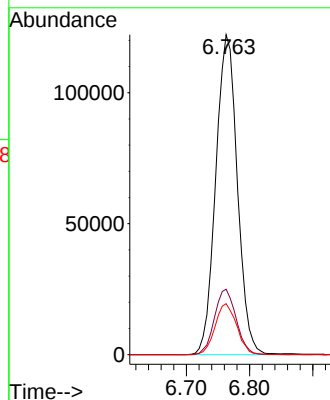
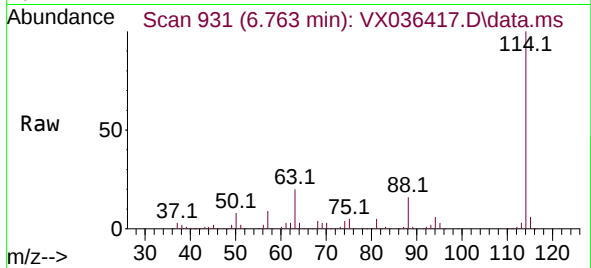




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036417.D
Acq: 05 Jul 2023 20:28

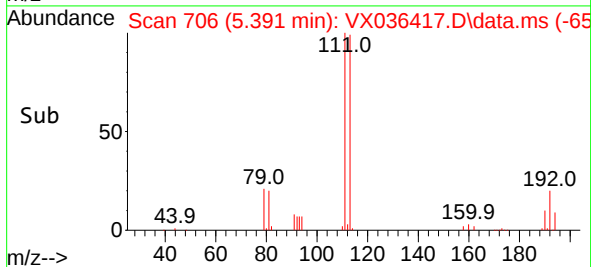
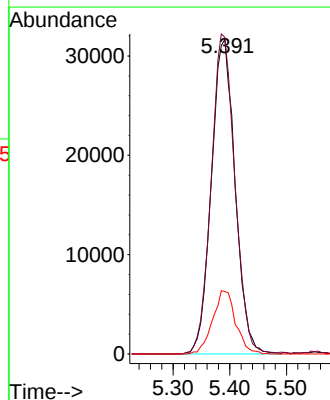
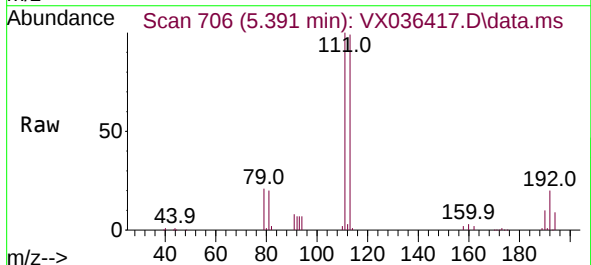
Instrument :
MSVOA_X
ClientSampleId :
CP-1

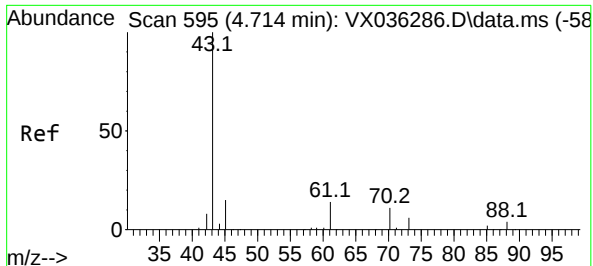
Tgt Ion:114 Resp: 289403
Ion Ratio Lower Upper
114 100
63 20.5 0.0 45.0
88 16.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.208 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036417.D
Acq: 05 Jul 2023 20:28

Tgt Ion:113 Resp: 91992
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 19.6 13.3 19.9





#37

Ethyl Acetate

Concen: 17.840 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.007 min

Lab File: VX036417.D

Acq: 05 Jul 2023 20:28

Instrument :

MSVOA_X

ClientSampleId :

CP-1

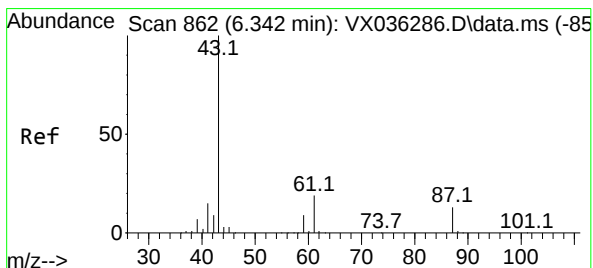
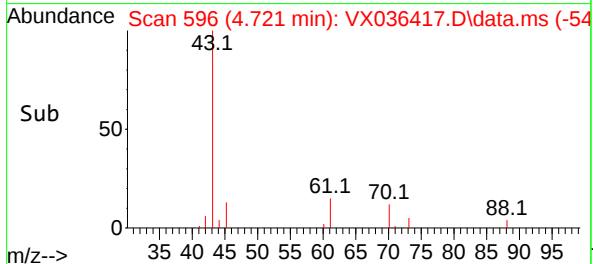
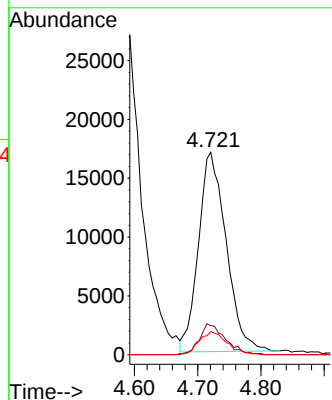
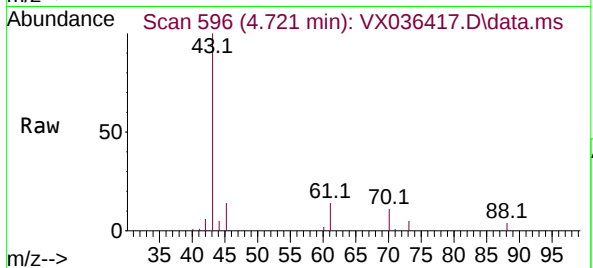
Tgt Ion: 43 Resp: 51720

Ion Ratio Lower Upper

43 100

61 14.5 10.6 16.0

70 11.5 8.3 12.5



#43

Isopropyl Acetate

Concen: 42.003 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX036417.D

Acq: 05 Jul 2023 20:28

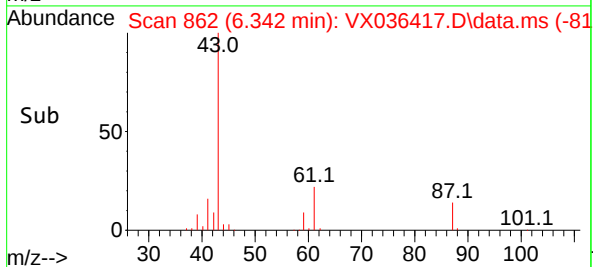
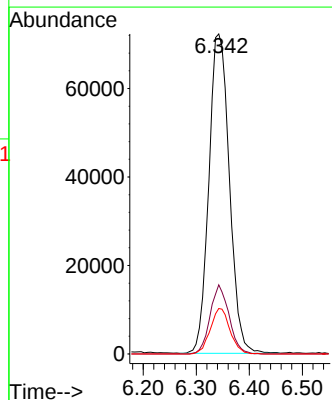
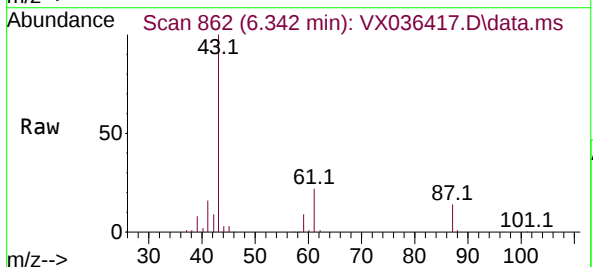
Tgt Ion: 43 Resp: 194257

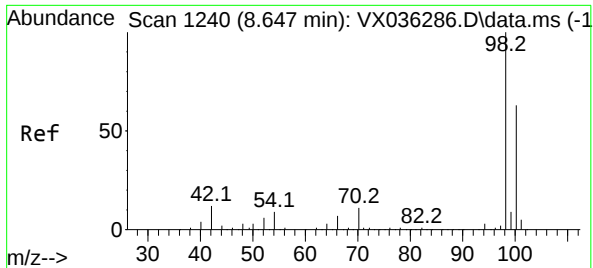
Ion Ratio Lower Upper

43 100

61 19.9 15.2 22.8

87 13.7 9.8 14.6

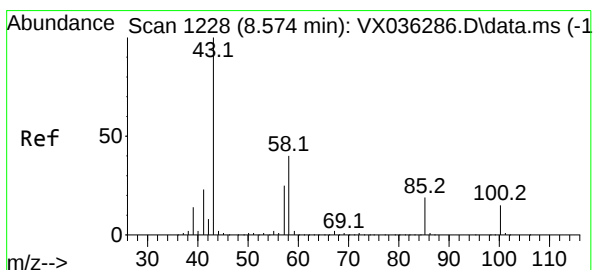
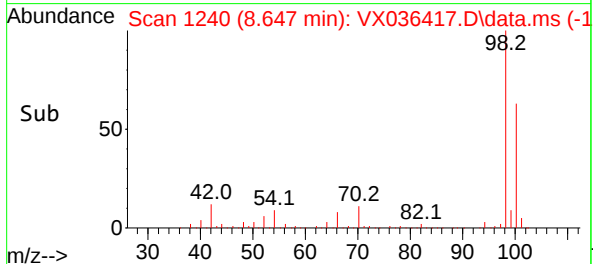
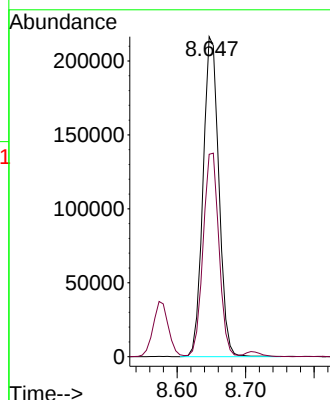
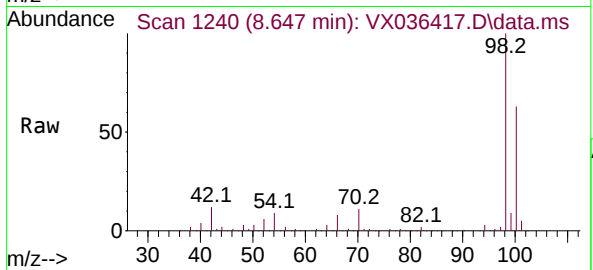




#50
Toluene-d8
Concen: 48.718 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036417.D
Acq: 05 Jul 2023 20:28

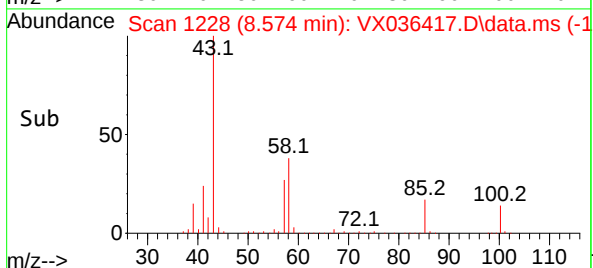
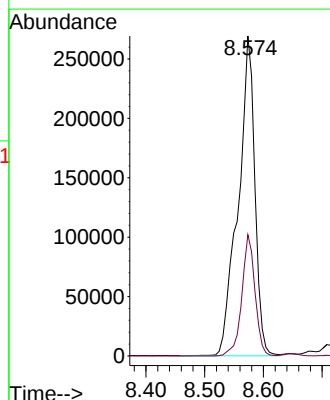
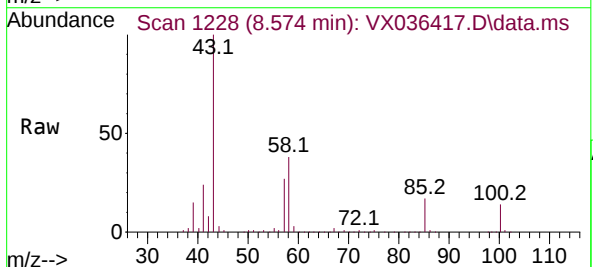
Instrument :
MSVOA_X
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CP-1

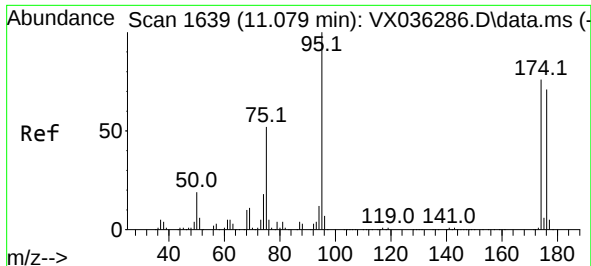
Tgt Ion: 98 Resp: 347230
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 178.465 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX036417.D
Acq: 05 Jul 2023 20:28

Tgt Ion: 43 Resp: 531767
Ion Ratio Lower Upper
43 100
58 29.9 30.4 45.6#





#62

4-Bromofluorobenzene

Concen: 49.354 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036417.D

Acq: 05 Jul 2023 20:28

Instrument :

MSVOA_X

ClientSampleId :

CP-1

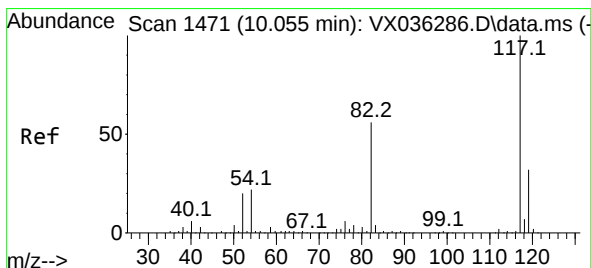
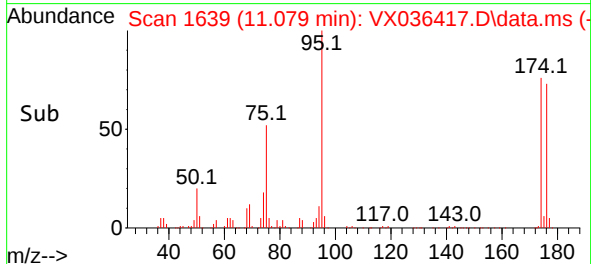
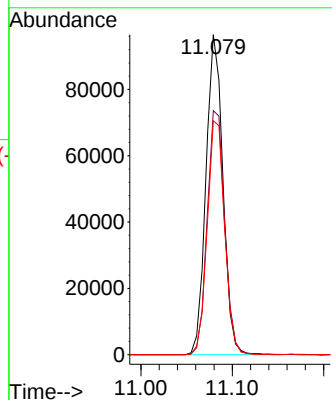
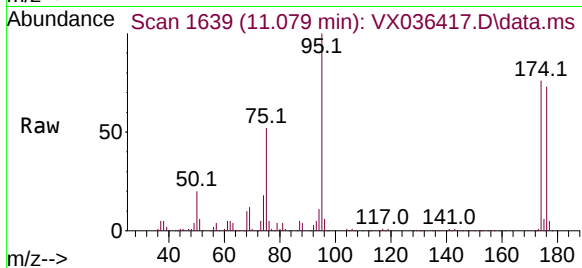
Tgt Ion: 95 Resp: 123901

Ion Ratio Lower Upper

95 100

174 78.5 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: VX036417.D

Acq: 05 Jul 2023 20:28

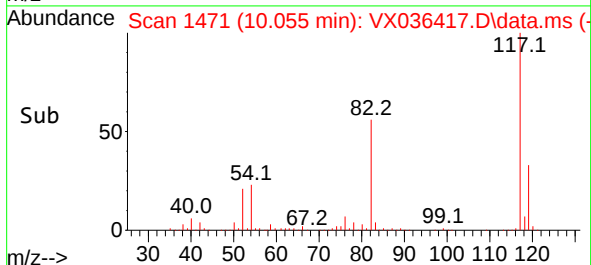
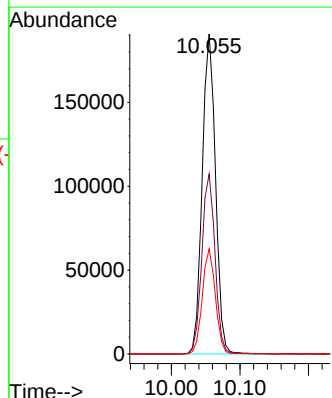
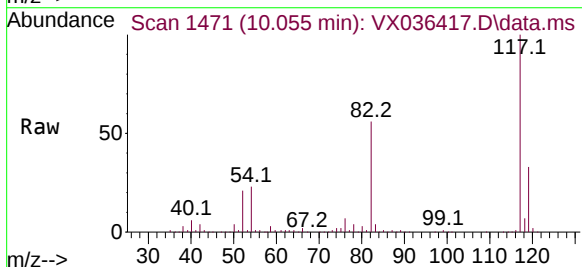
Tgt Ion: 117 Resp: 258005

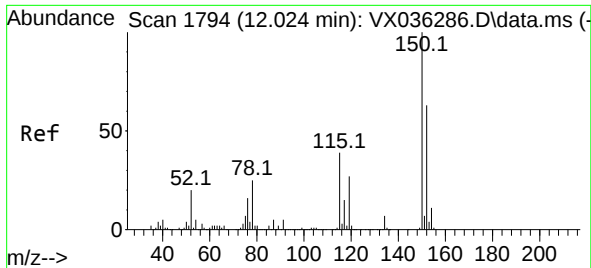
Ion Ratio Lower Upper

117 100

82 56.2 46.2 69.4

119 32.8 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: VX036417.D

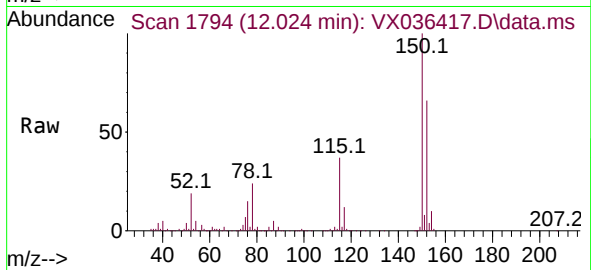
Acq: 05 Jul 2023 20:28

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:152 Resp: 117484

Ion Ratio Lower Upper

152 100

115 60.7 43.3 129.9

150 158.2 0.0 345.0

