

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070623\
 Data File : VX036439.D
 Acq On : 06 Jul 2023 16:40
 Operator : JC/MD
 Sample : 03514-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CP-5

Quant Time: Jul 07 01:50:03 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)

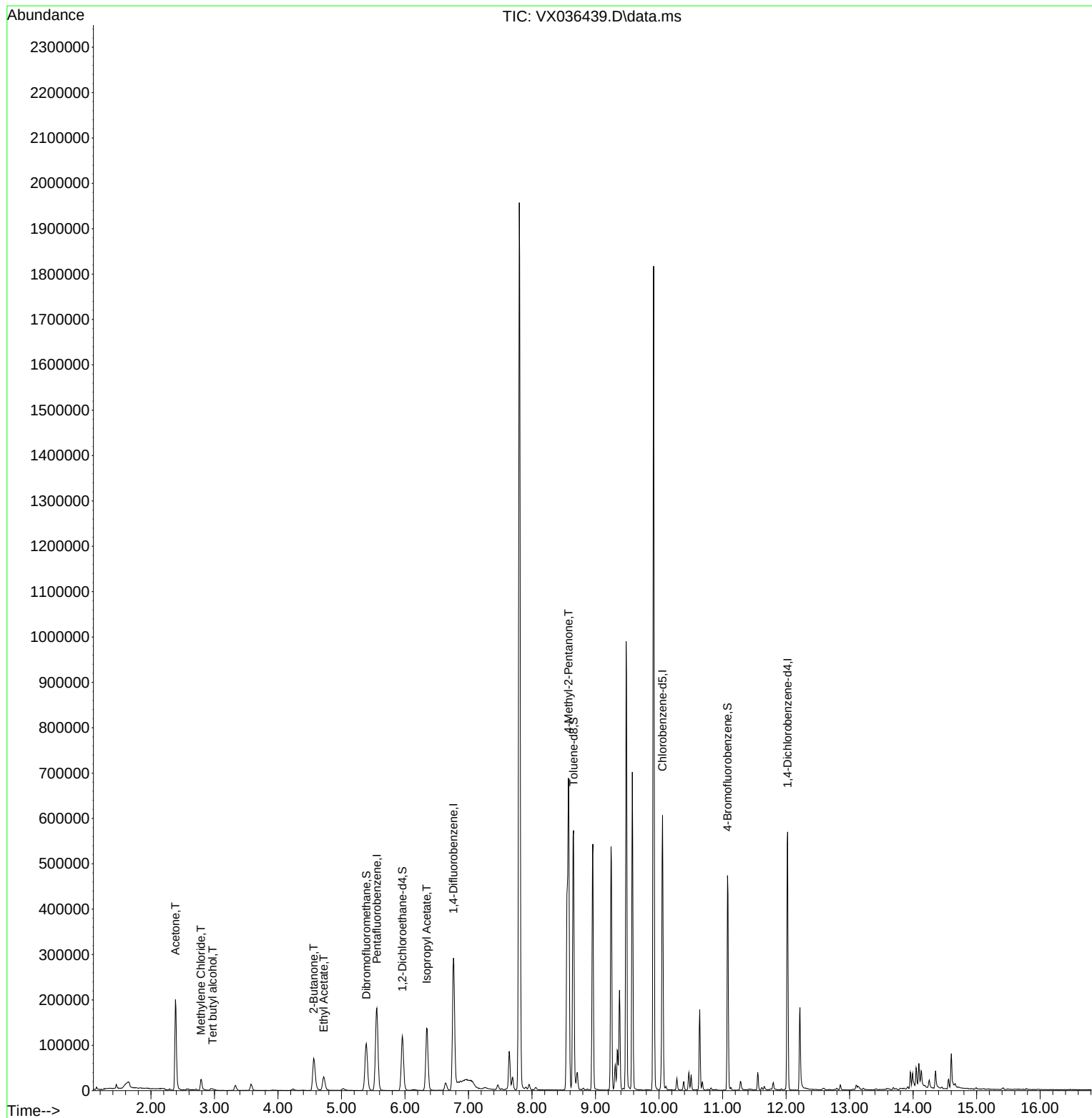
Internal Standards						
1) Pentafluorobenzene	5.556	168	169968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	291132	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	261832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	112449	46.154	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	92.300%	
35) Dibromofluoromethane	5.391	113	90802	47.301	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	94.600%	
50) Toluene-d8	8.653	98	353648	49.324	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	98.640%	
62) 4-Bromofluorobenzene	11.079	95	124873	49.446	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	98.900%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	6486	14.625	ug/l #	95
16) Acetone	2.386	43	227025	218.005	ug/l	95
20) Methylene Chloride	2.788	84	12944	5.773	ug/l	96
25) 2-Butanone	4.562	43	124414	83.151	ug/l	98
37) Ethyl Acetate	4.721	43	52407	17.969	ug/l	97
43) Isopropyl Acetate	6.342	43	190067	40.852	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	519235	173.225	ug/l	89

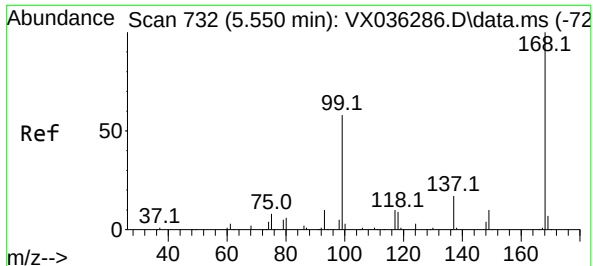
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :
CP-5

Quant Time: Jul 07 01:50:03 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

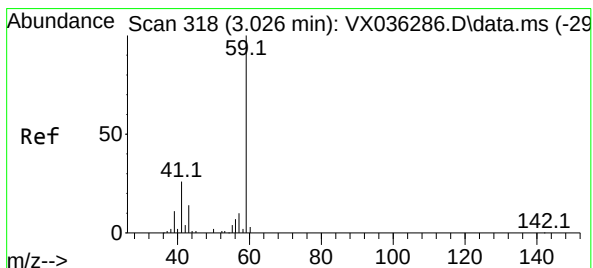
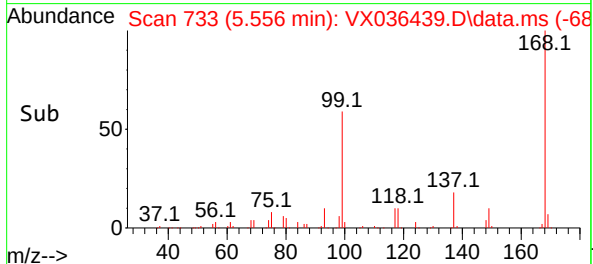
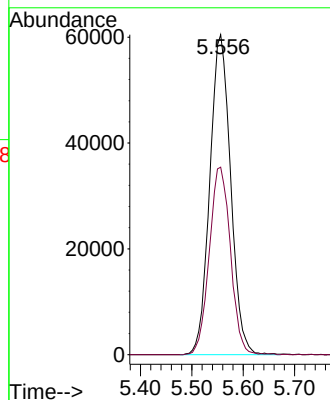
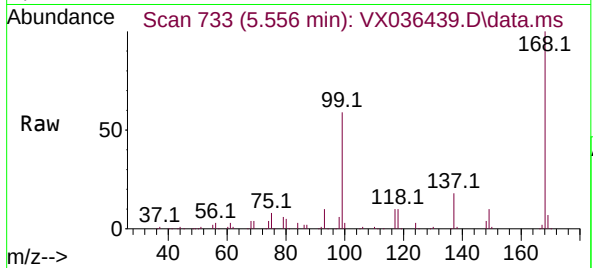




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036439.D
Acq: 06 Jul 2023 16:40

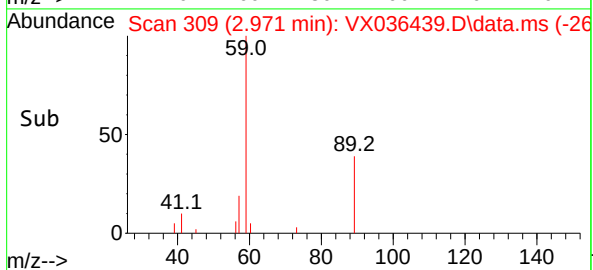
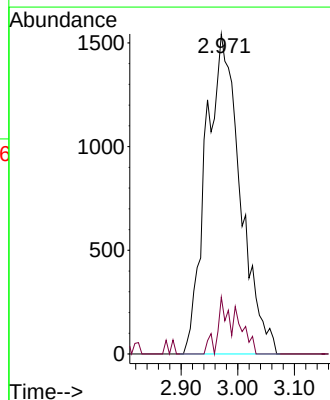
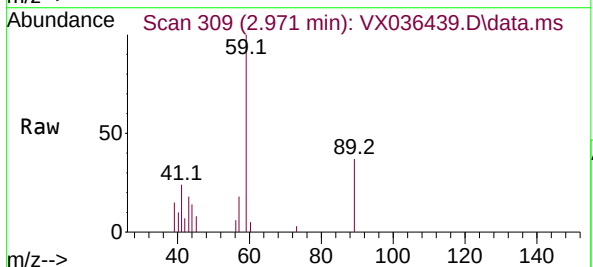
Instrument :
MSVOA_X
ClientSampleId :
CP-5

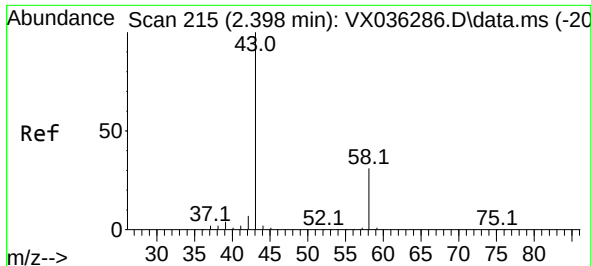
Tgt Ion:168 Resp: 169968
Ion Ratio Lower Upper
168 100
99 58.6 56.6 85.0



#11
Tert butyl alcohol
Concen: 14.625 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.042 min
Lab File: VX036439.D
Acq: 06 Jul 2023 16:40

Tgt Ion: 59 Resp: 6486
Ion Ratio Lower Upper
59 100
57 5.7 6.0 9.0#

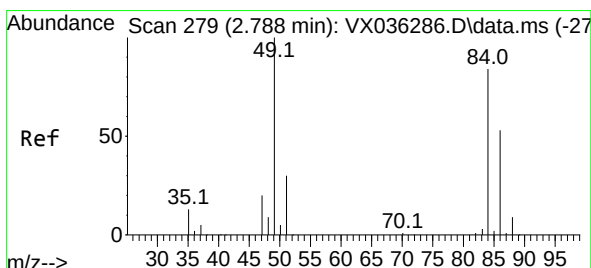
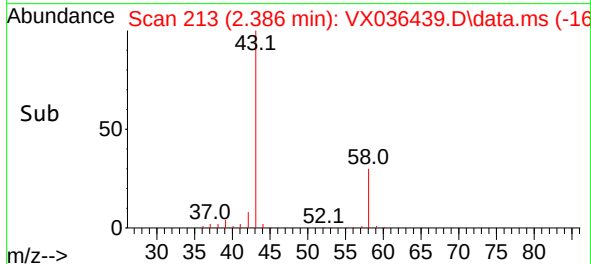
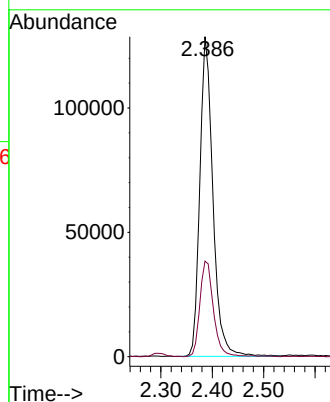
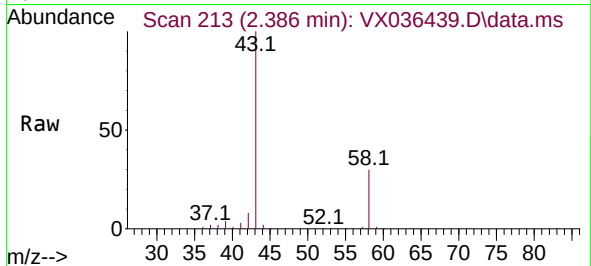




#16
Acetone
Concen: 218.005 ug/l
RT: 2.386 min Scan# 215
Delta R.T. -0.018 min
Lab File: VX036439.D
Acq: 06 Jul 2023 16:40

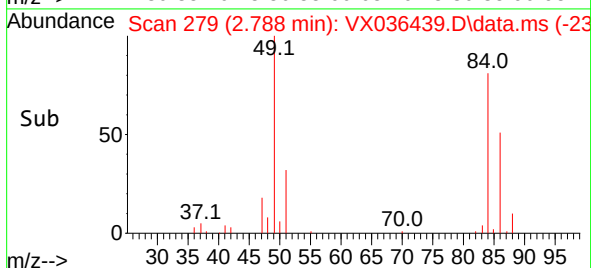
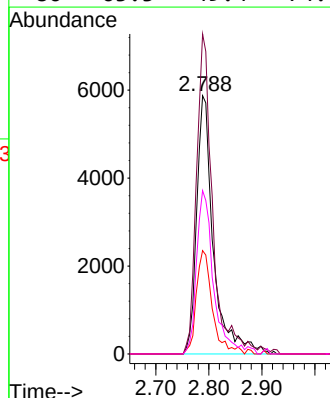
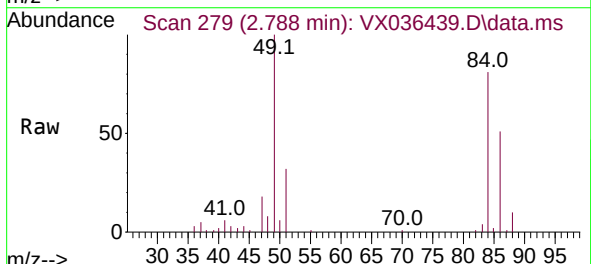
Instrument :
MSVOA_X
ClientSampleId :
CP-5

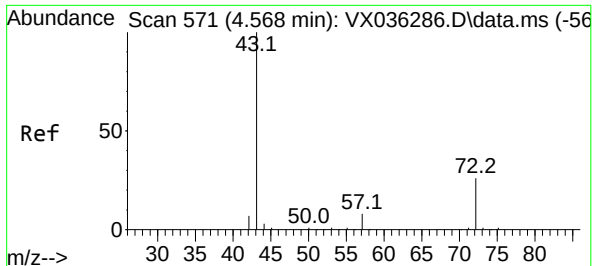
Tgt Ion: 43 Resp: 227025
Ion Ratio Lower Upper
43 100
58 29.9 21.9 32.9



#20
Methylene Chloride
Concen: 5.773 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036439.D
Acq: 06 Jul 2023 16:40

Tgt Ion: 84 Resp: 12944
Ion Ratio Lower Upper
84 100
49 123.9 103.6 155.4
51 40.0 33.8 50.6
86 63.3 49.4 74.0

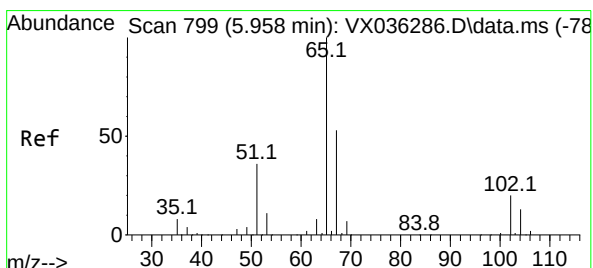
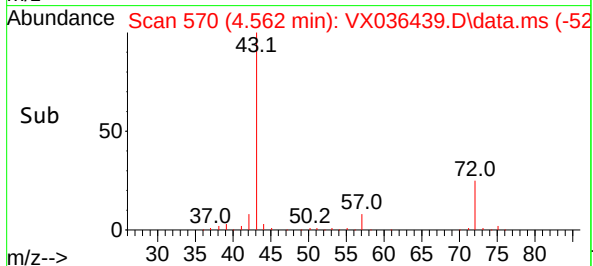
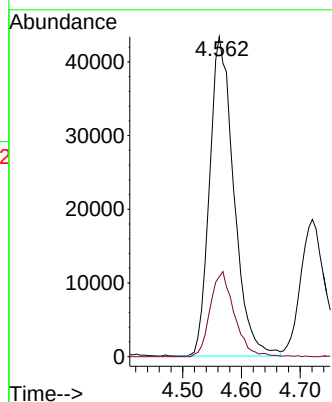
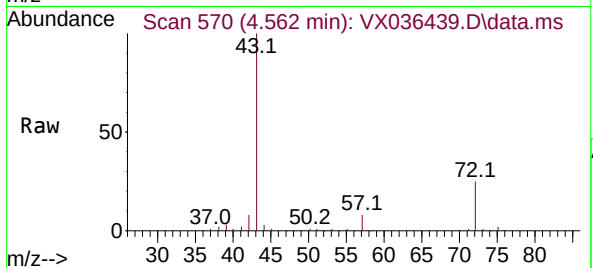




#25
2-Butanone
Concen: 83.151 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX036439.D
Acq: 06 Jul 2023 16:40

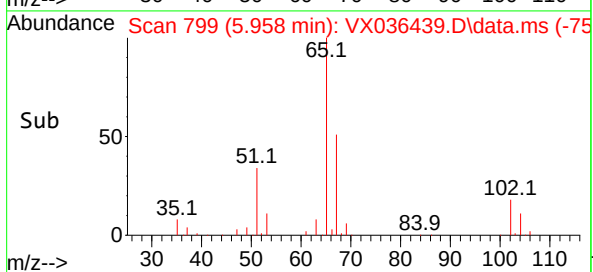
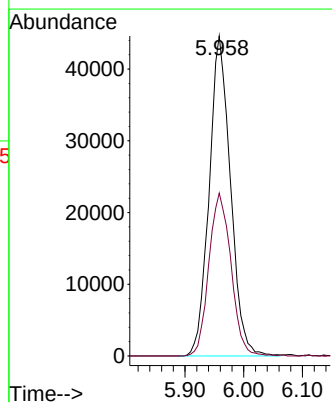
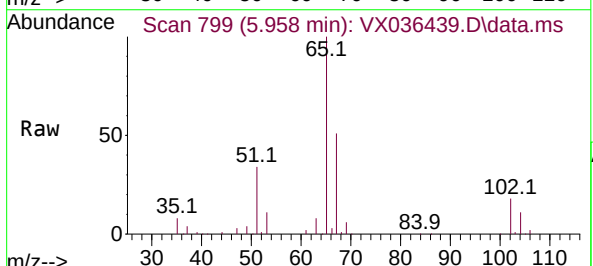
Instrument :
MSVOA_X
ClientSampleId :
CP-5

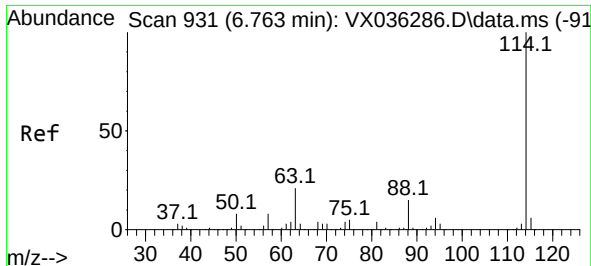
Tgt Ion: 43 Resp: 124414
Ion Ratio Lower Upper
43 100
72 25.1 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 46.154 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036439.D
Acq: 06 Jul 2023 16:40

Tgt Ion: 65 Resp: 112449
Ion Ratio Lower Upper
65 100
67 52.7 0.0 100.2

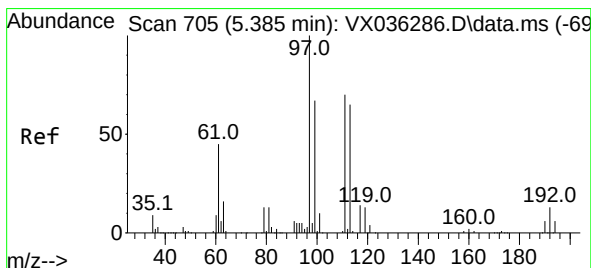
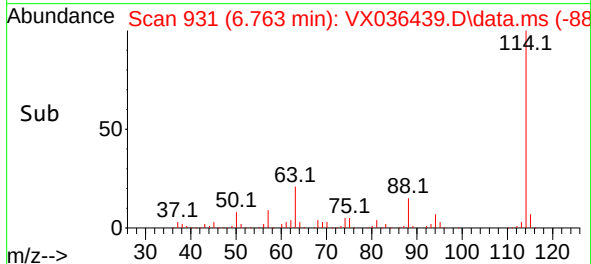
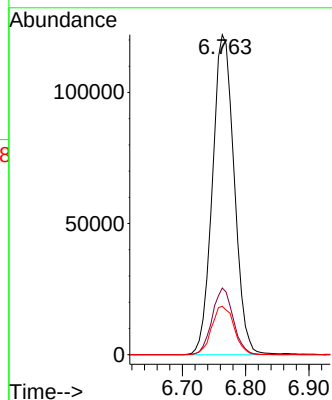
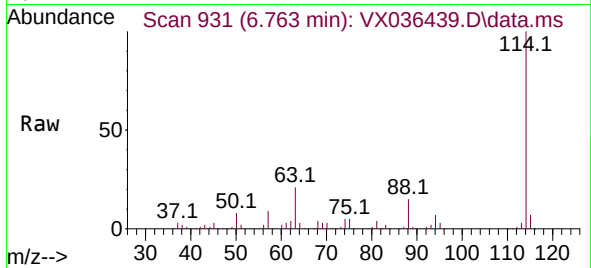




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX036439.D
Acq: 06 Jul 2023 16:40

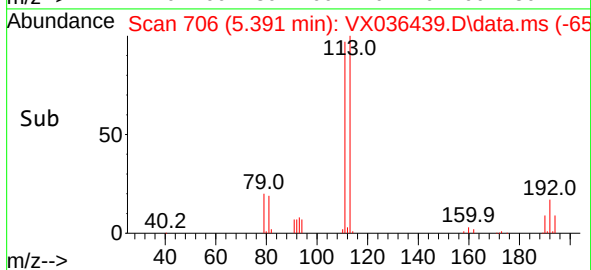
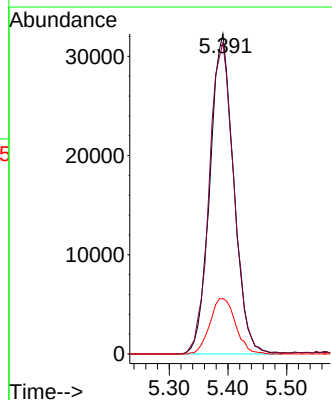
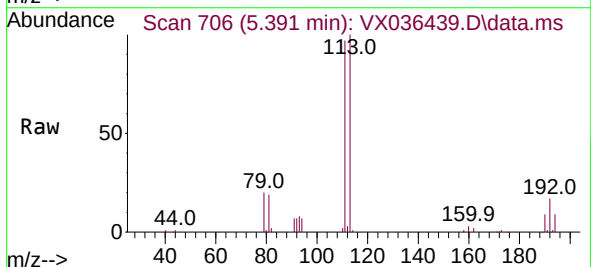
Instrument :
MSVOA_X
ClientSampleId :
CP-5

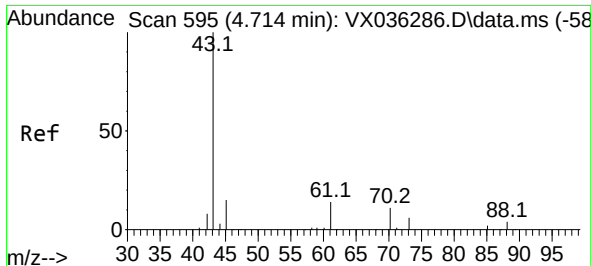
Tgt Ion:114 Resp: 291132
Ion Ratio Lower Upper
114 100
63 20.8 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.301 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036439.D
Acq: 06 Jul 2023 16:40

Tgt Ion:113 Resp: 90802
Ion Ratio Lower Upper
113 100
111 100.5 82.9 124.3
192 18.6 13.3 19.9





#37

Ethyl Acetate

Concen: 17.969 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.007 min

Lab File: VX036439.D

Acq: 06 Jul 2023 16:40

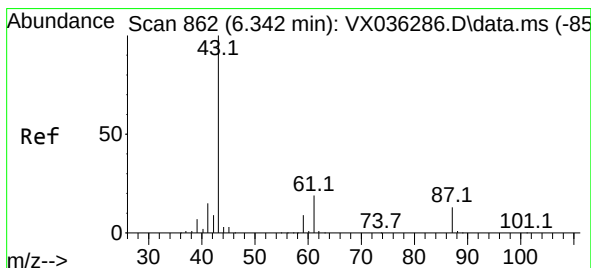
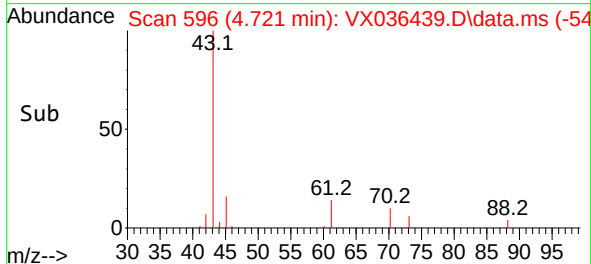
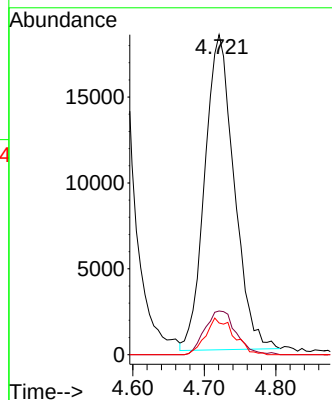
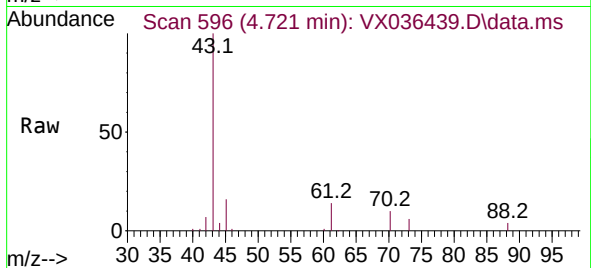
Instrument :

MSVOA_X

ClientSampleId :

CP-5

Tgt Ion:	43	Resp:	52407
Ion	Ratio	Lower	Upper
43	100		
61	14.7	10.6	16.0
70	11.1	8.3	12.5



#43

Isopropyl Acetate

Concen: 40.852 ug/l

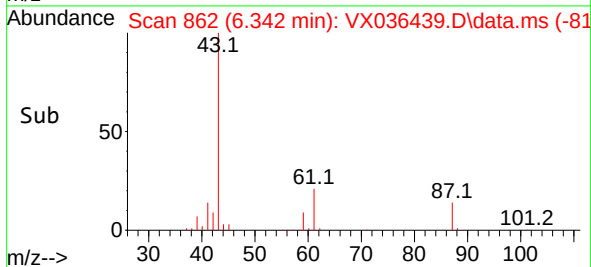
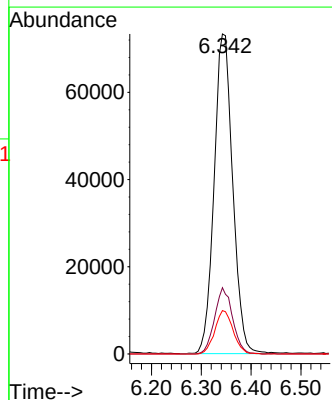
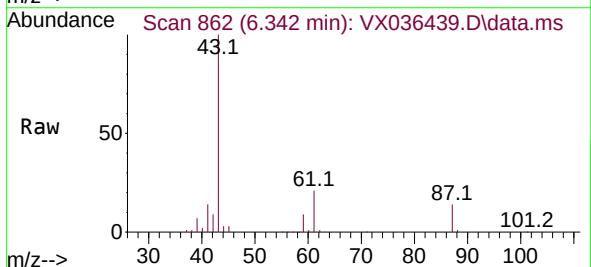
RT: 6.342 min Scan# 862

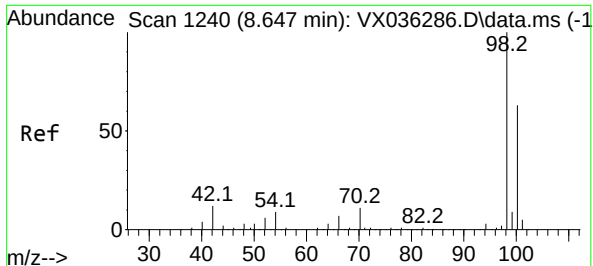
Delta R.T. 0.000 min

Lab File: VX036439.D

Acq: 06 Jul 2023 16:40

Tgt Ion:	43	Resp:	190067
Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.2	22.8
87	13.3	9.8	14.6

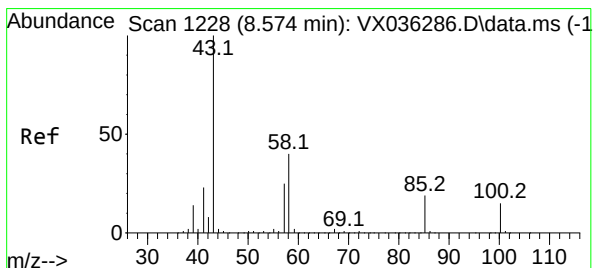
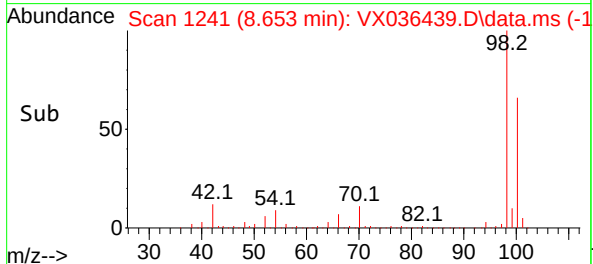
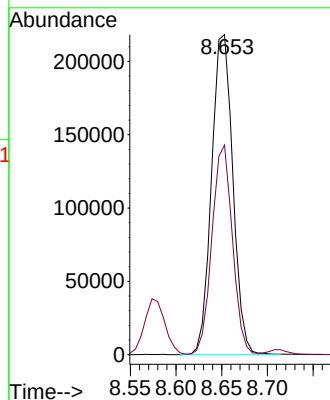
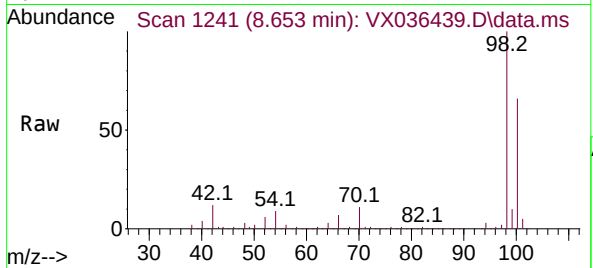




#50
Toluene-d8
Concen: 49.324 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX036439.D
Acq: 06 Jul 2023 16:40

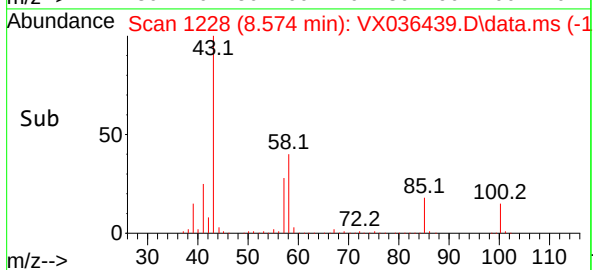
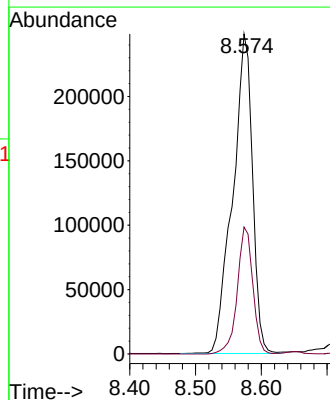
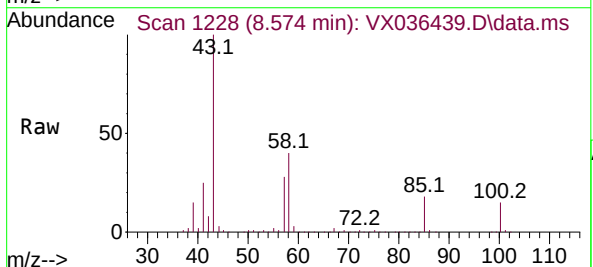
Instrument :
MSVOA_X
ClientSampleId :
CP-5

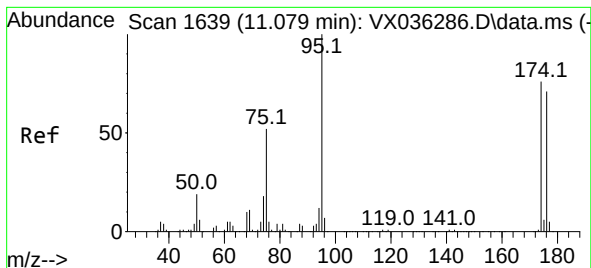
Tgt Ion: 98 Resp: 353648
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 173.225 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX036439.D
Acq: 06 Jul 2023 16:40

Tgt Ion: 43 Resp: 519235
Ion Ratio Lower Upper
43 100
58 31.2 30.4 45.6

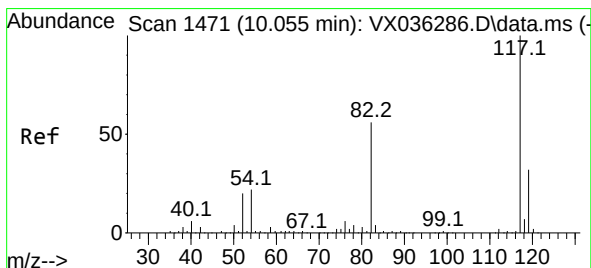
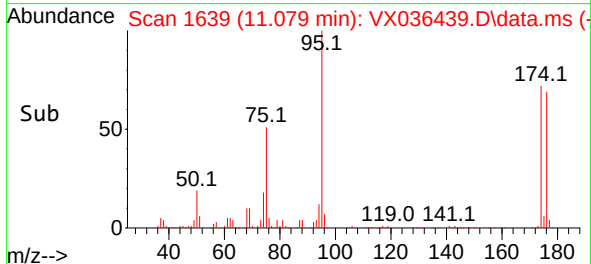
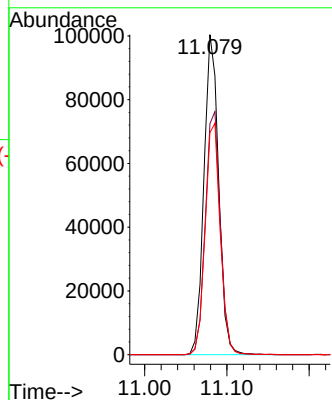
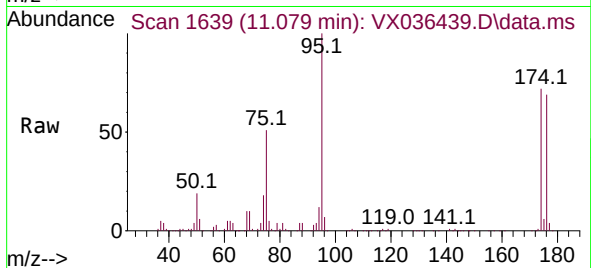




#62
4-Bromofluorobenzene
Concen: 49.446 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036439.D
Acq: 06 Jul 2023 16:40

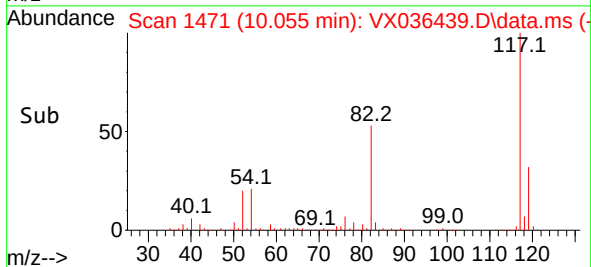
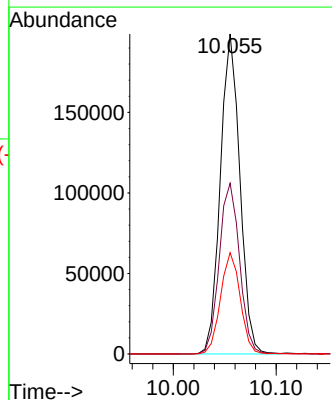
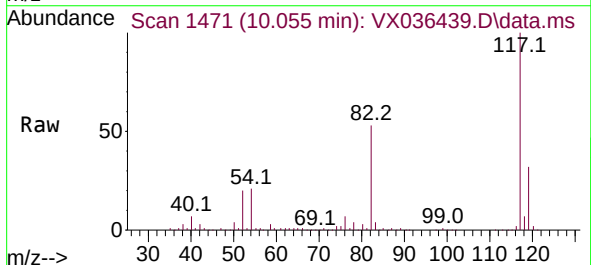
Instrument :
MSVOA_X
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CP-5

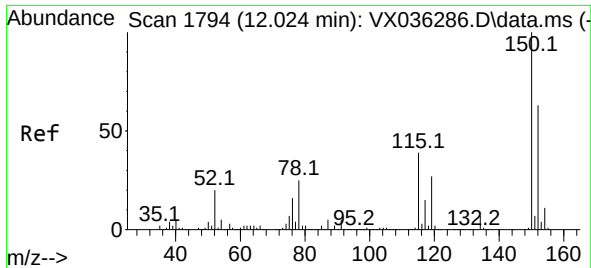
Tgt Ion: 95 Resp: 124873
Ion Ratio Lower Upper
95 100
174 77.7 0.0 135.6
176 74.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036439.D
Acq: 06 Jul 2023 16:40

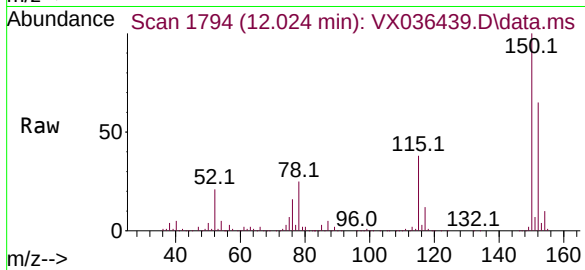
Tgt Ion: 117 Resp: 261832
Ion Ratio Lower Upper
117 100
82 53.3 46.2 69.4
119 31.7 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036439.D
 Acq: 06 Jul 2023 16:40

Instrument :
 MSVOA_X
 ClientSampleId :
 CP-5



Tgt Ion:152 Resp: 119482
 Ion Ratio Lower Upper
 152 100
 115 59.4 43.3 129.9
 150 155.4 0.0 345.0

