

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070523\
 Data File : VX036405.D
 Acq On : 05 Jul 2023 15:43
 Operator : JC/MD
 Sample : PB153983ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB153983ZHE#06

Quant Time: Jul 06 04:52:44 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)

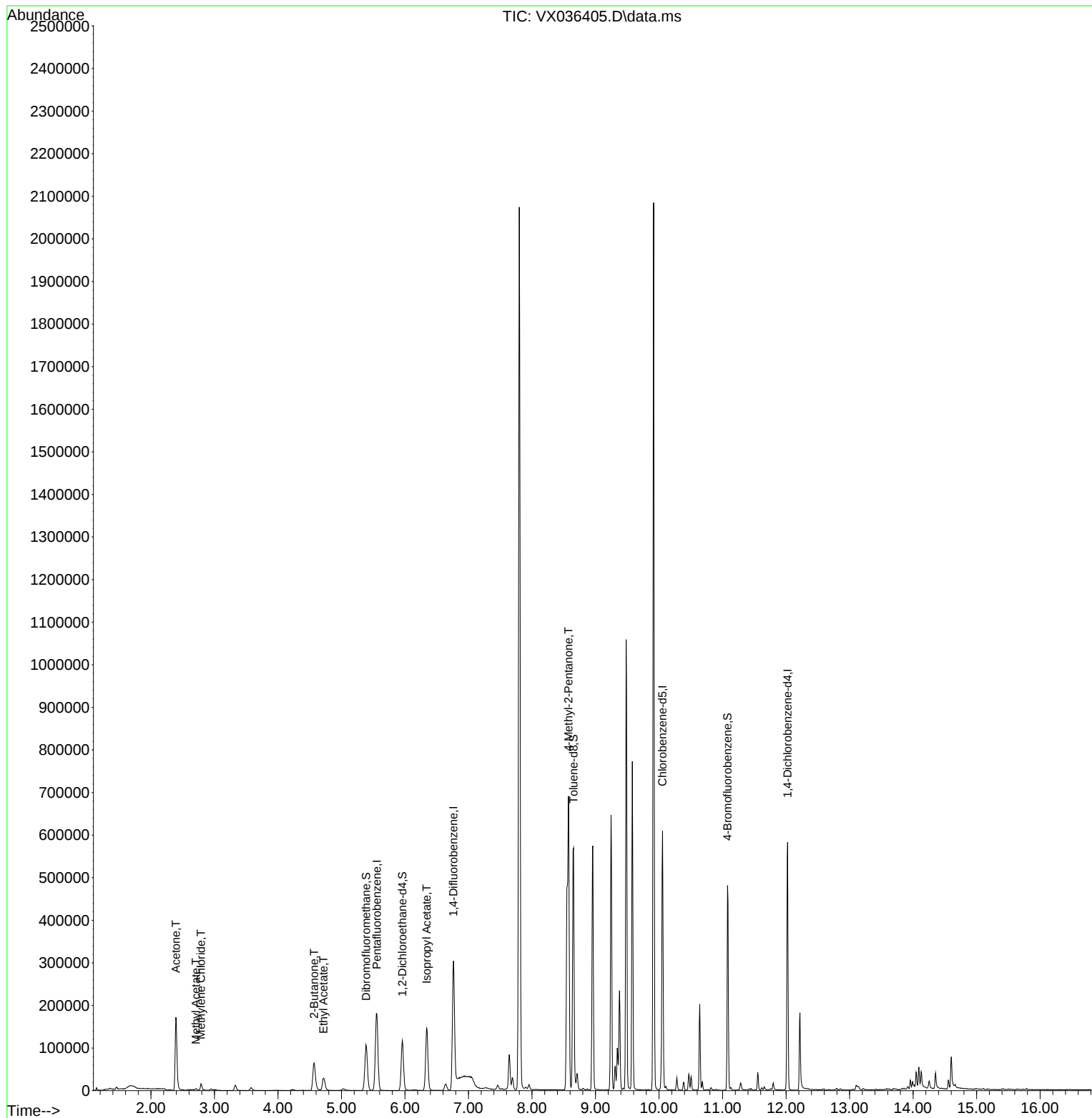
Internal Standards						
1) Pentafluorobenzene	5.556	168	174116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	290414	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	261096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	108581	43.505	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	87.000%	
35) Dibromofluoromethane	5.385	113	92686	48.402	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	96.800%	
50) Toluene-d8	8.653	98	352153	49.237	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	98.480%	
62) 4-Bromofluorobenzene	11.079	95	124423	49.389	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	98.780%	
Target Compounds						
					Qvalue	
16) Acetone	2.391	43	218692	205.000	ug/l	96
18) Methyl Acetate	2.708	43	5385	1.228	ug/l	98
20) Methylene Chloride	2.788	84	7625	3.320	ug/l	90
25) 2-Butanone	4.568	43	117154	76.433	ug/l	97
37) Ethyl Acetate	4.714	43	55170	18.964	ug/l	98
43) Isopropyl Acetate	6.342	43	202441	43.620	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	526029	175.925	ug/l #	87

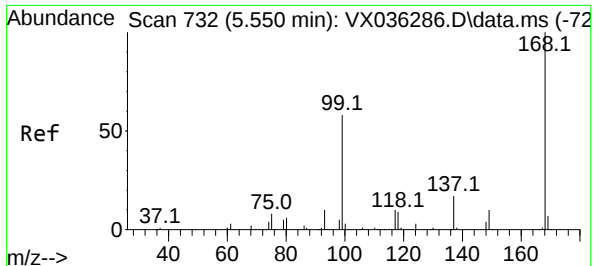
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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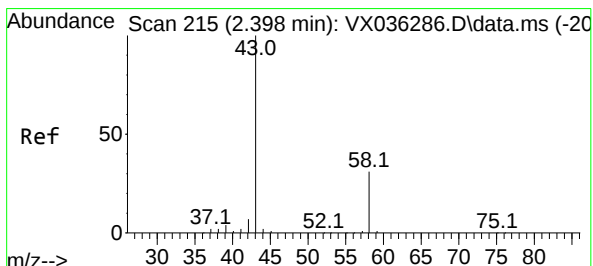
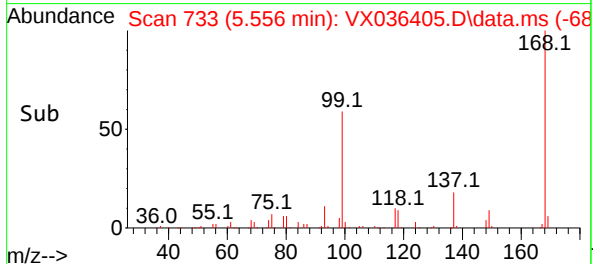
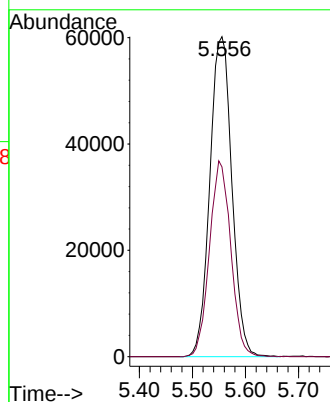
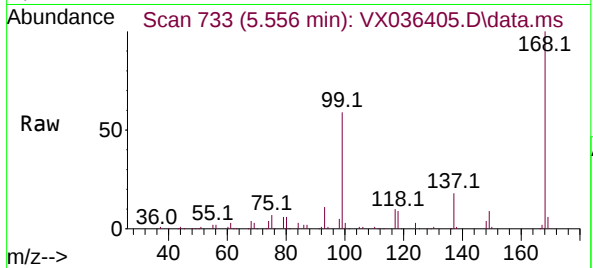




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036405.D
Acq: 05 Jul 2023 15:43

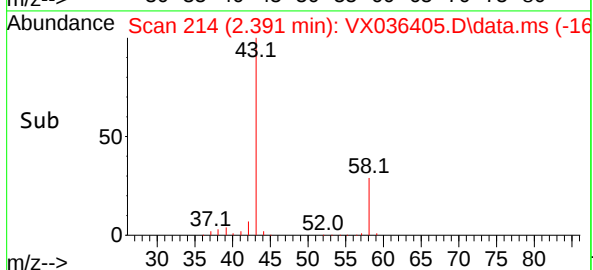
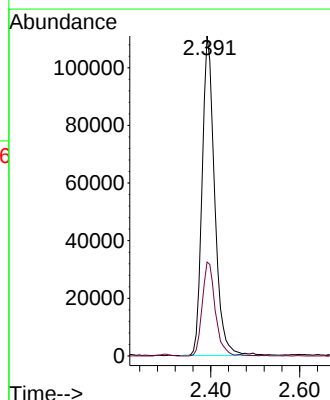
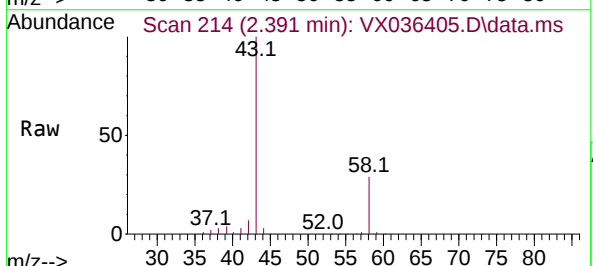
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#06

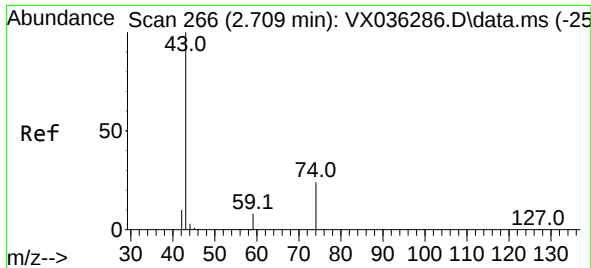
Tgt Ion:168 Resp: 174116
Ion Ratio Lower Upper
168 100
99 59.3 56.6 85.0



#16
Acetone
Concen: 205.000 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.013 min
Lab File: VX036405.D
Acq: 05 Jul 2023 15:43

Tgt Ion: 43 Resp: 218692
Ion Ratio Lower Upper
43 100
58 29.4 21.9 32.9

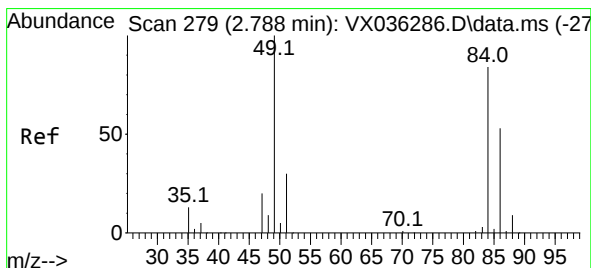
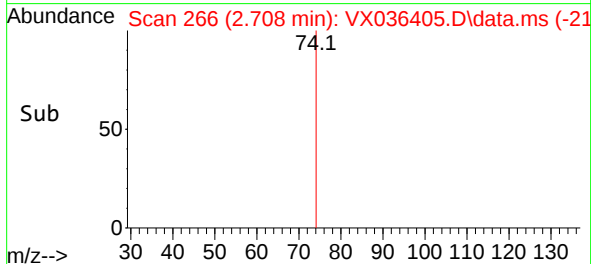
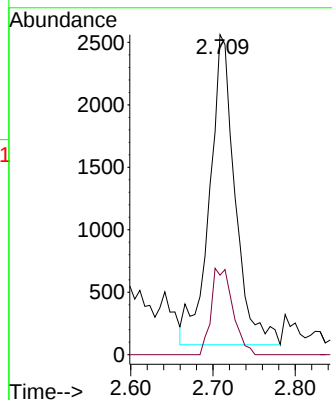
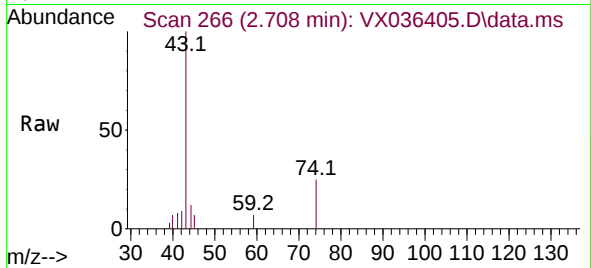




#18
Methyl Acetate
Concen: 1.228 ug/l
RT: 2.708 min Scan# 20
Delta R.T. -0.001 min
Lab File: VX036405.D
Acq: 05 Jul 2023 15:43

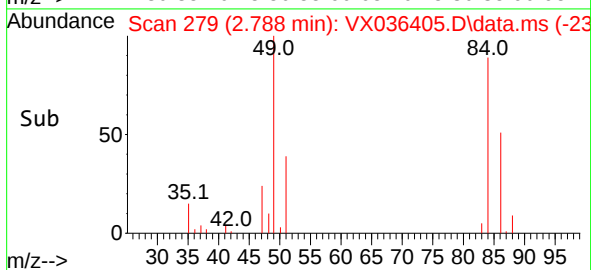
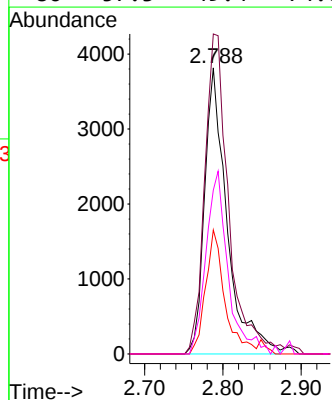
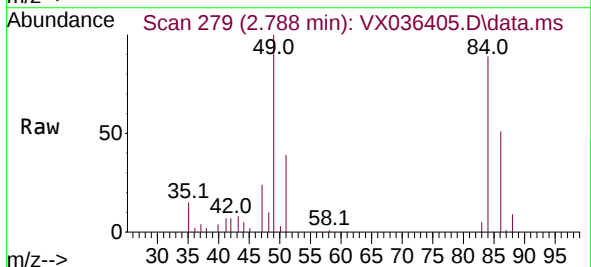
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#06

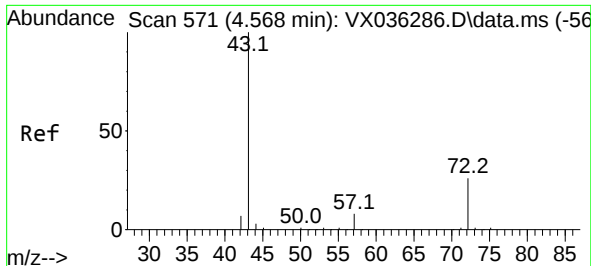
Tgt Ion: 43 Resp: 5385
Ion Ratio Lower Upper
43 100
74 23.5 17.8 26.8



#20
Methylene Chloride
Concen: 3.320 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036405.D
Acq: 05 Jul 2023 15:43

Tgt Ion: 84 Resp: 7625
Ion Ratio Lower Upper
84 100
49 111.8 103.6 155.4
51 43.4 33.8 50.6
86 57.3 49.4 74.0

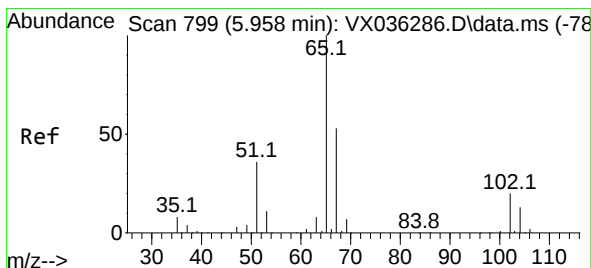
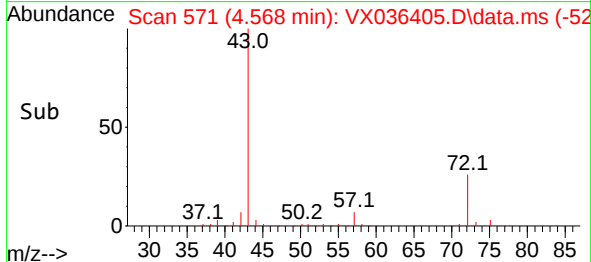
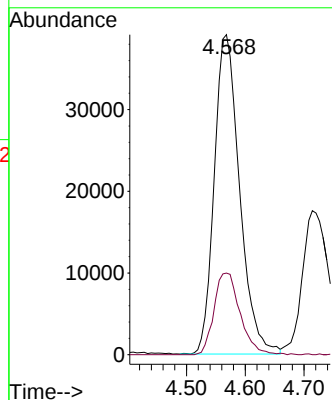
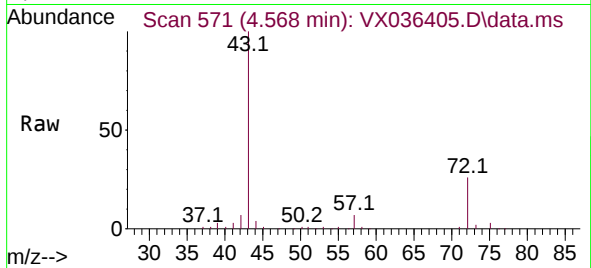




#25
2-Butanone
Concen: 76.433 ug/l
RT: 4.568 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX036405.D
Acq: 05 Jul 2023 15:43

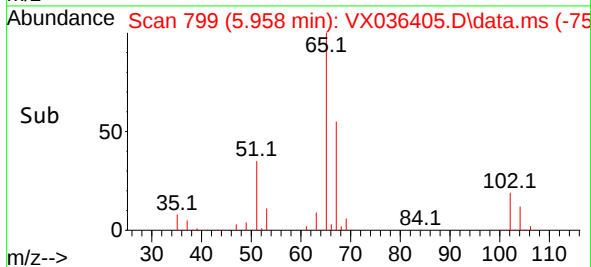
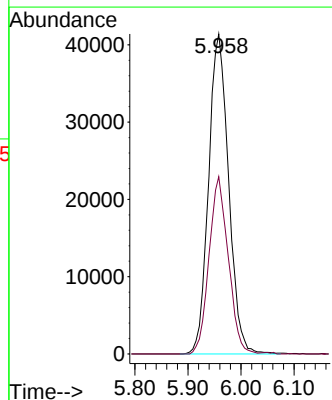
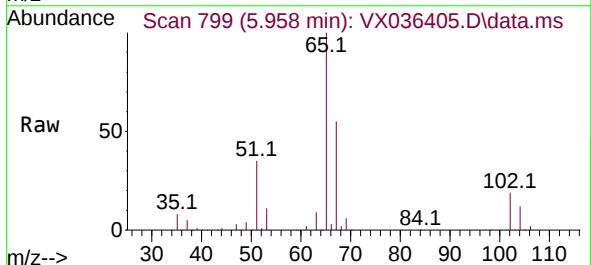
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#06

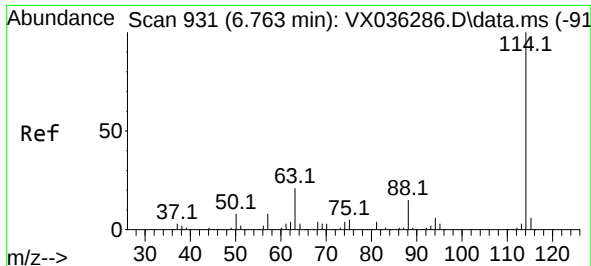
Tgt Ion: 43 Resp: 117154
Ion Ratio Lower Upper
43 100
72 25.6 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 43.505 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX036405.D
Acq: 05 Jul 2023 15:43

Tgt Ion: 65 Resp: 108581
Ion Ratio Lower Upper
65 100
67 53.1 0.0 100.2

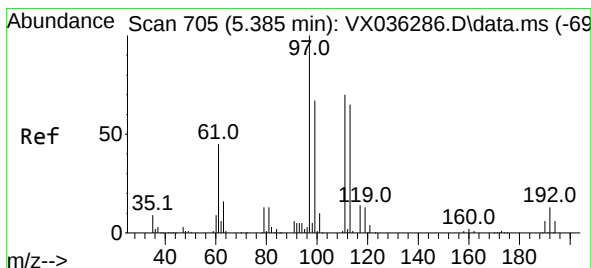
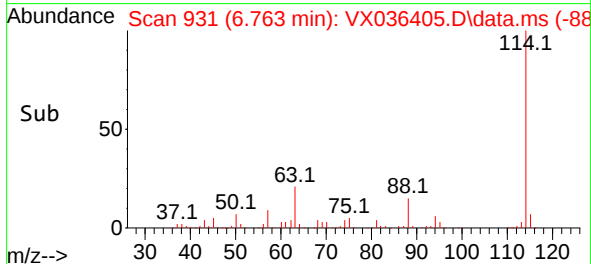
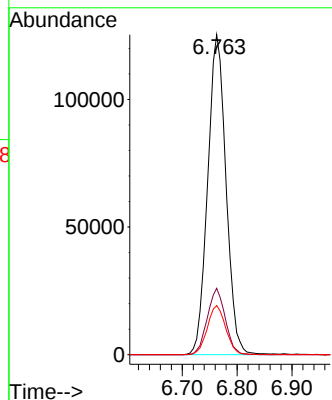
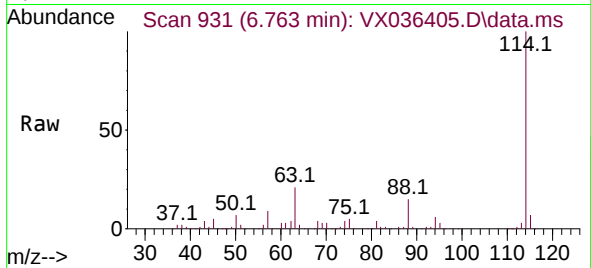




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036405.D
Acq: 05 Jul 2023 15:43

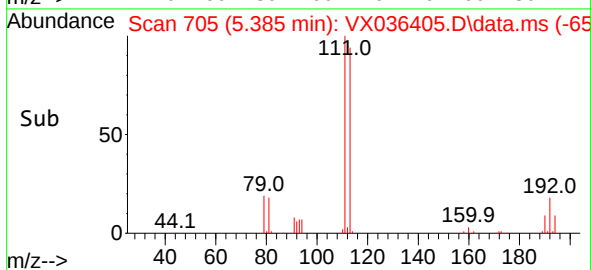
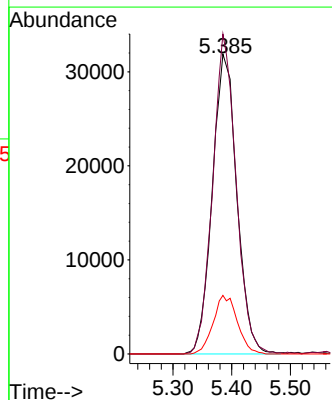
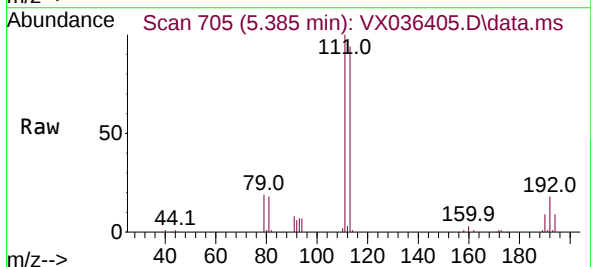
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#06

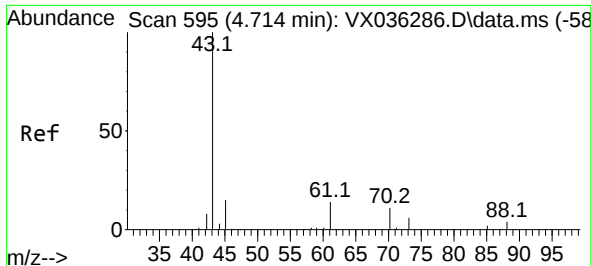
Tgt Ion:114 Resp: 290414
Ion Ratio Lower Upper
114 100
63 20.7 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.402 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036405.D
Acq: 05 Jul 2023 15:43

Tgt Ion:113 Resp: 92686
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 19.2 13.3 19.9





#37

Ethyl Acetate

Concen: 18.964 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX036405.D

Acq: 05 Jul 2023 15:43

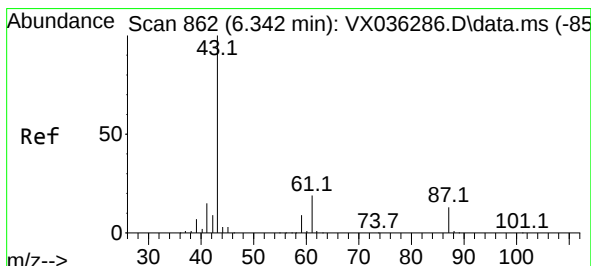
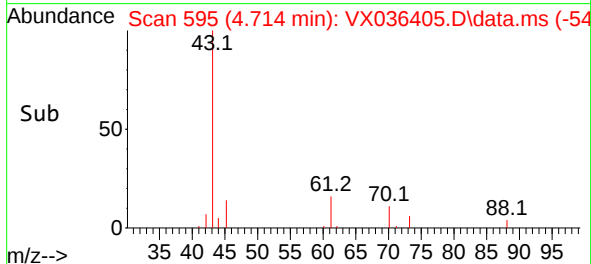
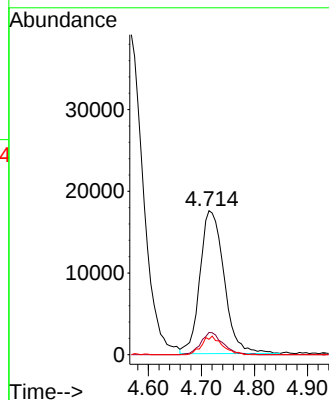
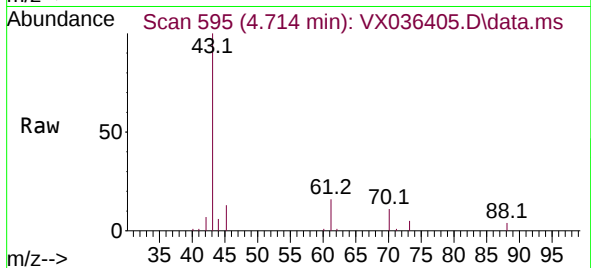
Instrument :

MSVOA_X

ClientSampleId :

PB153983ZHE#06

Tgt Ion:	43	Resp:	55170
Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.6	16.0
70	10.9	8.3	12.5



#43

Isopropyl Acetate

Concen: 43.620 ug/l

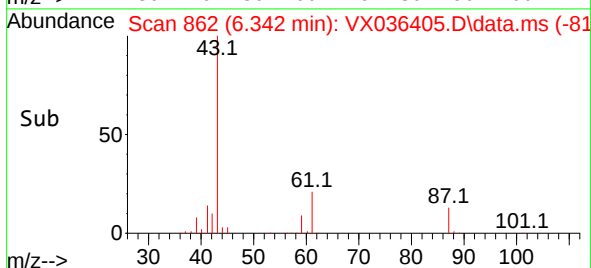
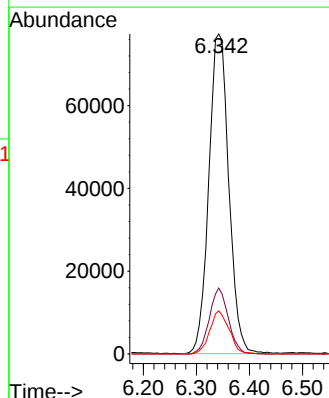
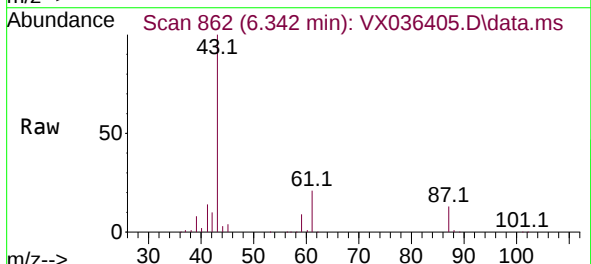
RT: 6.342 min Scan# 862

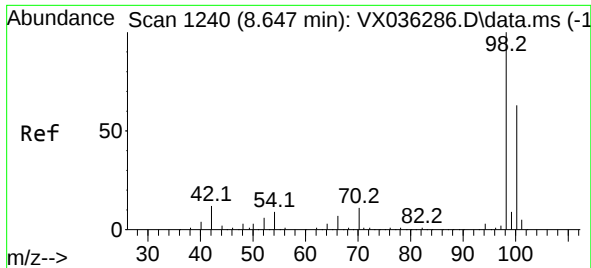
Delta R.T. -0.000 min

Lab File: VX036405.D

Acq: 05 Jul 2023 15:43

Tgt Ion:	43	Resp:	202441
Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.2	22.8
87	13.0	9.8	14.6

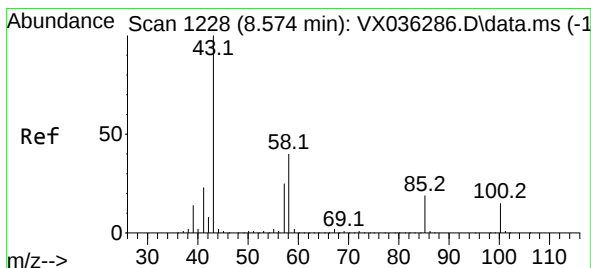
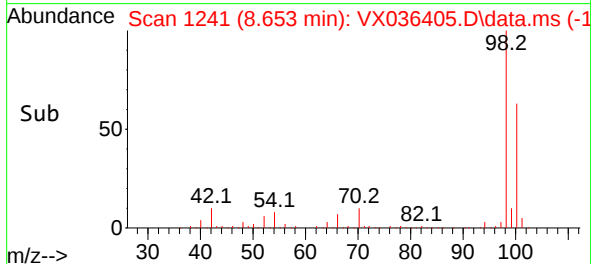
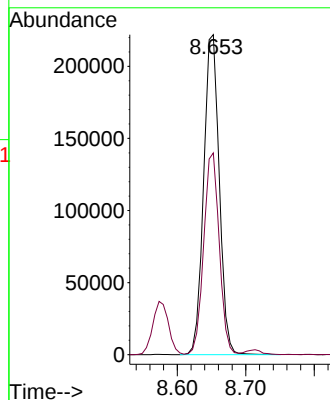
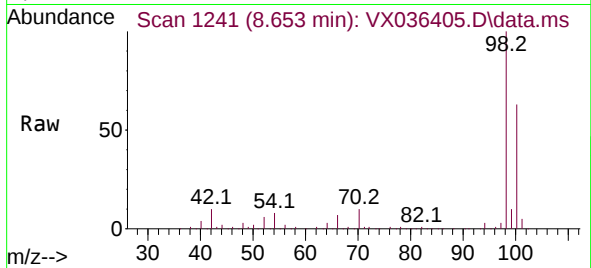




#50
Toluene-d8
Concen: 49.237 ug/l
RT: 8.653 min Scan# 1240
Delta R.T. 0.007 min
Lab File: VX036405.D
Acq: 05 Jul 2023 15:43

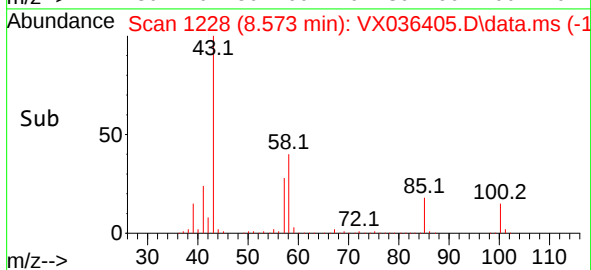
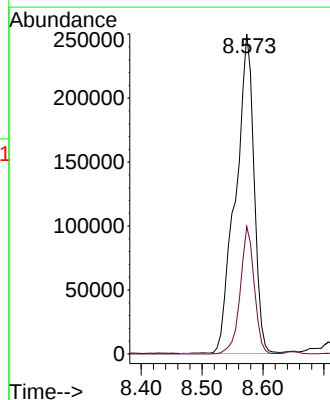
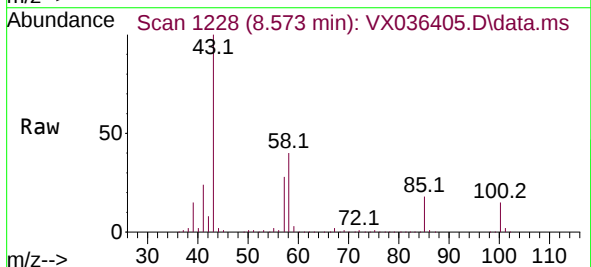
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#06

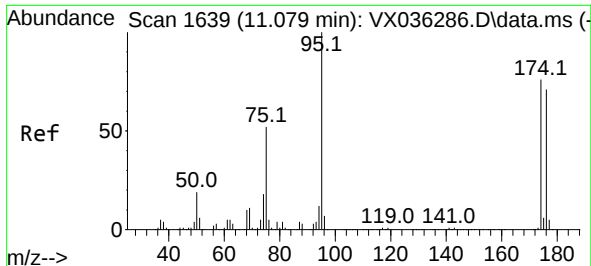
Tgt Ion: 98 Resp: 352153
Ion Ratio Lower Upper
98 100
100 62.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 175.925 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX036405.D
Acq: 05 Jul 2023 15:43

Tgt Ion: 43 Resp: 526029
Ion Ratio Lower Upper
43 100
58 30.4 30.4 45.6#

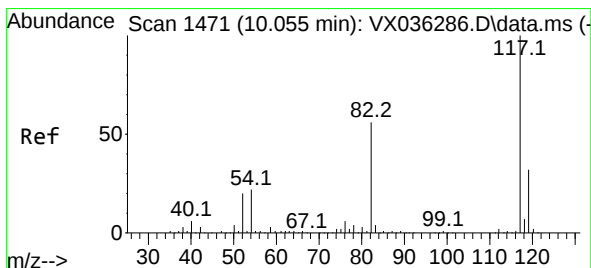
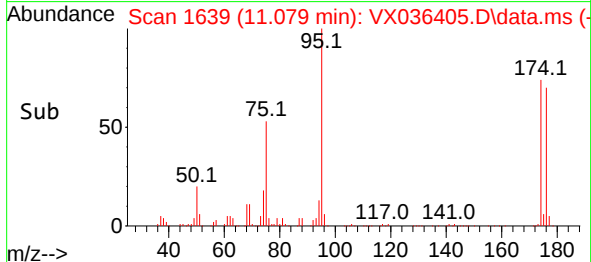
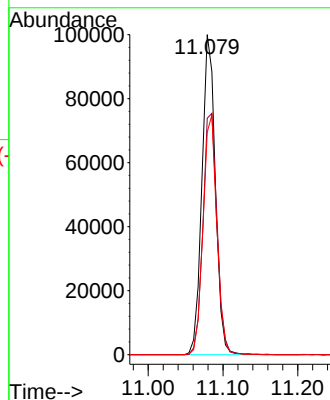
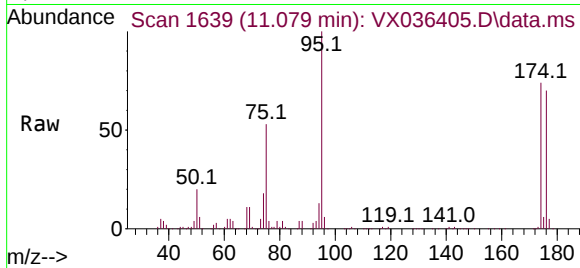




#62
4-Bromofluorobenzene
Concen: 49.389 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036405.D
Acq: 05 Jul 2023 15:43

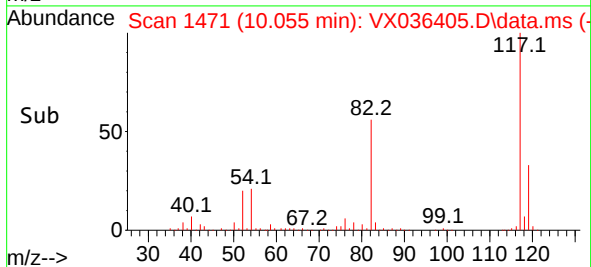
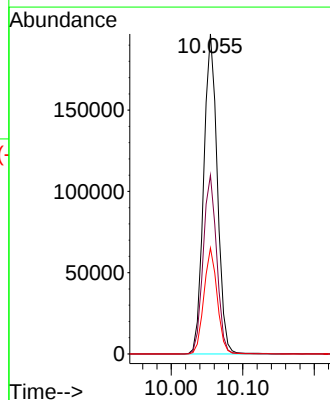
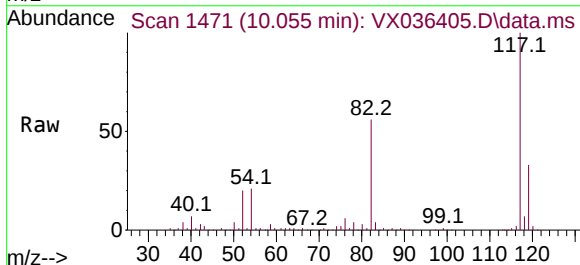
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#06

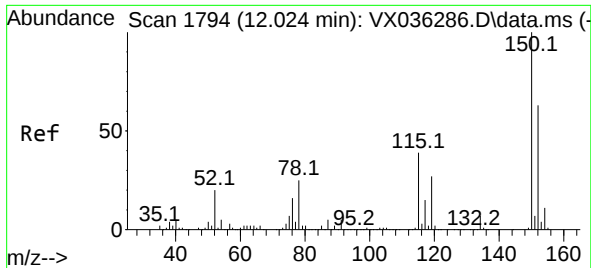
Tgt Ion: 95 Resp: 124423
Ion Ratio Lower Upper
95 100
174 79.4 0.0 135.6
176 76.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036405.D
Acq: 05 Jul 2023 15:43

Tgt Ion: 117 Resp: 261096
Ion Ratio Lower Upper
117 100
82 55.8 46.2 69.4
119 33.1 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: VX036405.D

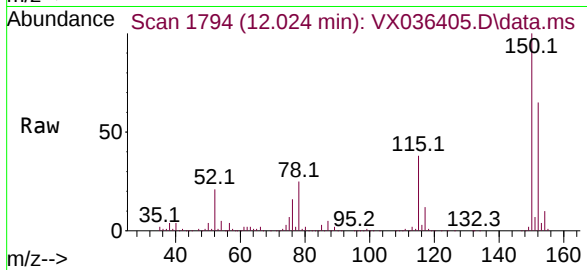
Acq: 05 Jul 2023 15:43

Instrument :

MSVOA_X

ClientSampleId :

PB153983ZHE#06



Tgt Ion:152 Resp: 121388

Ion Ratio Lower Upper

152 100

115 59.9 43.3 129.9

150 156.6 0.0 345.0

