

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070523\
 Data File : VX036412.D
 Acq On : 05 Jul 2023 18:29
 Operator : JC/MD
 Sample : PB153983ZHE#13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB153983ZHE#13

Quant Time: Jul 06 04:55:53 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)

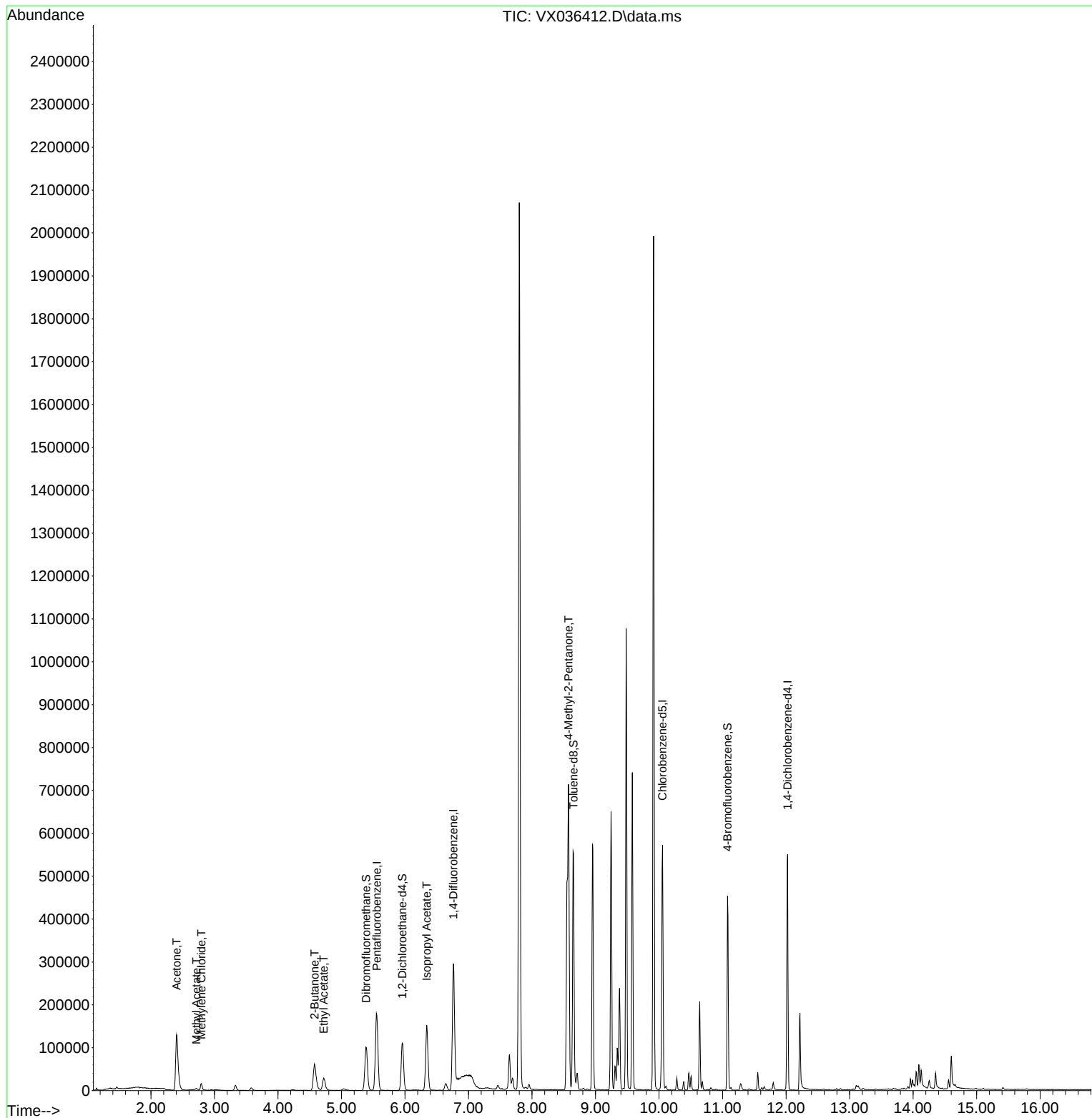
Internal Standards						
1) Pentafluorobenzene	5.556	168	172955	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	283839	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	107515	43.367	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.740%
35) Dibromofluoromethane	5.385	113	88708	47.398	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.800%
50) Toluene-d8	8.653	98	339628	48.586	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.180%
62) 4-Bromofluorobenzene	11.079	95	118543	48.145	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.300%
Target Compounds						
						Qvalue
16) Acetone	2.404	43	224828	212.167	ug/l	95
18) Methyl Acetate	2.715	43	5109	1.172	ug/l	93
20) Methylene Chloride	2.794	84	7903	3.464	ug/l	88
25) 2-Butanone	4.574	43	121829	80.017	ug/l	95
37) Ethyl Acetate	4.721	43	54478	19.160	ug/l #	94
43) Isopropyl Acetate	6.342	43	206164	45.451	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	547244	187.260	ug/l #	86

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

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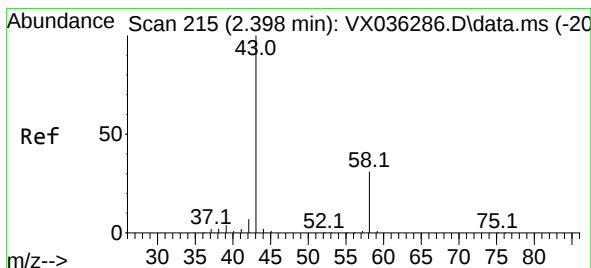
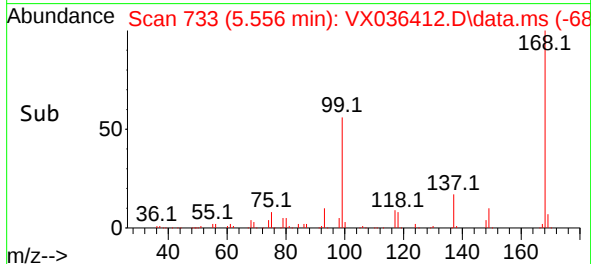
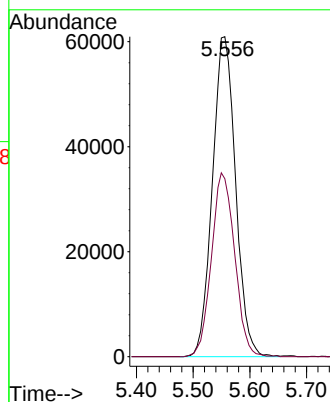
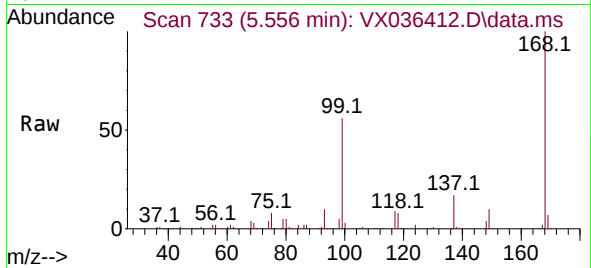




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036412.D
Acq: 05 Jul 2023 18:29

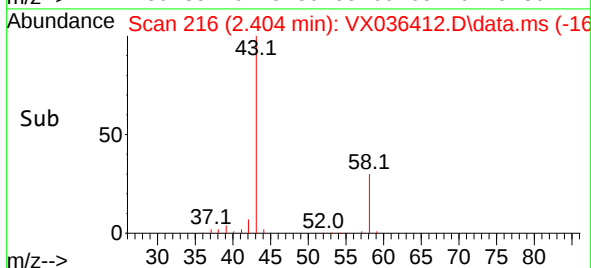
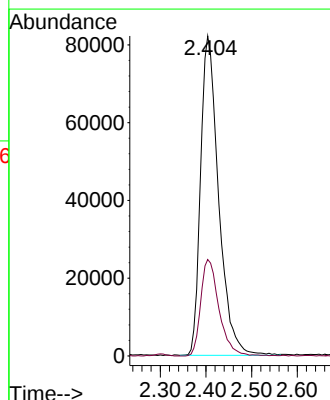
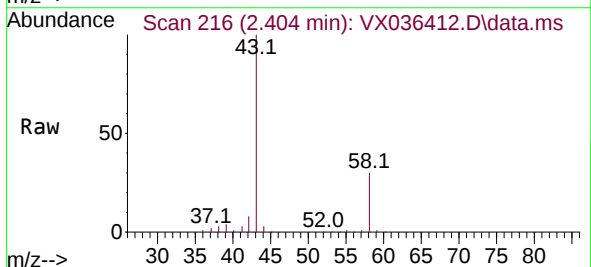
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#13

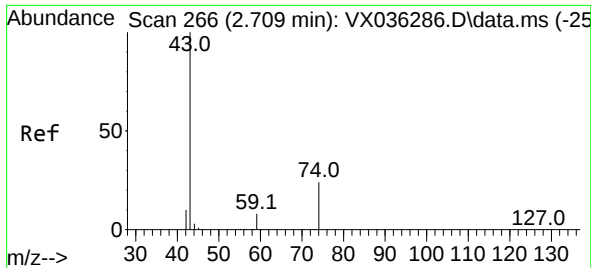
Tgt Ion:168 Resp: 172955
Ion Ratio Lower Upper
168 100
99 55.6 56.6 85.0#



#16
Acetone
Concen: 212.167 ug/l
RT: 2.404 min Scan# 216
Delta R.T. -0.000 min
Lab File: VX036412.D
Acq: 05 Jul 2023 18:29

Tgt Ion: 43 Resp: 224828
Ion Ratio Lower Upper
43 100
58 30.2 21.9 32.9

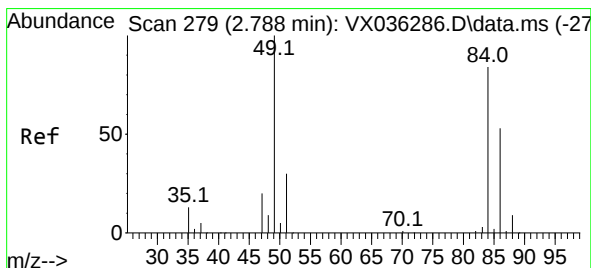
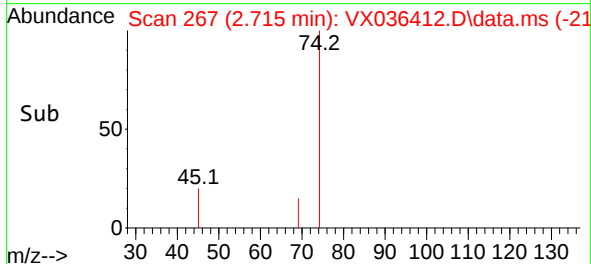
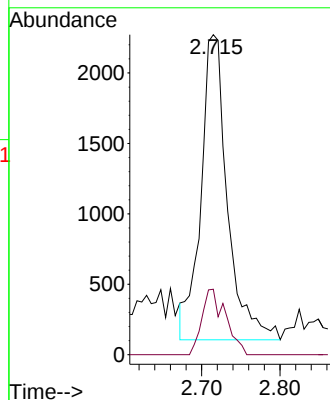
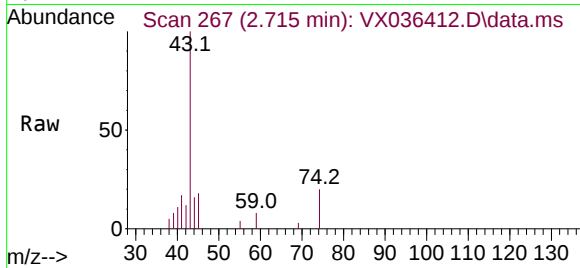




#18
Methyl Acetate
Concen: 1.172 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX036412.D
Acq: 05 Jul 2023 18:29

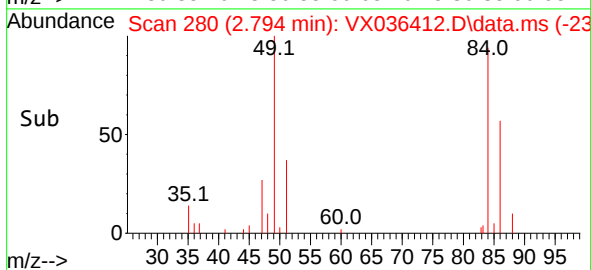
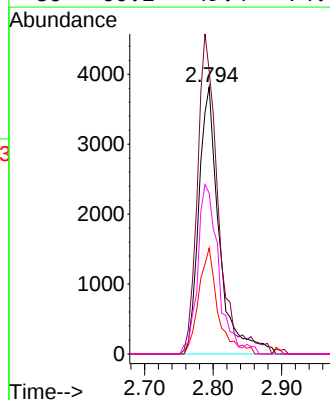
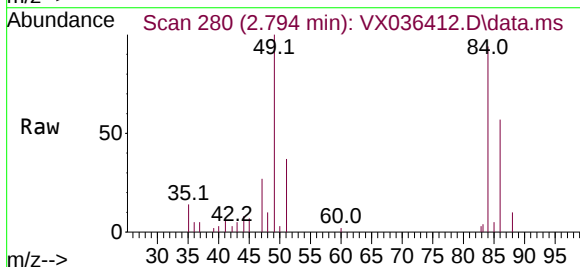
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#13

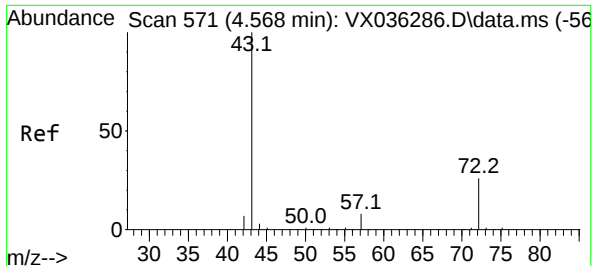
Tgt Ion: 43 Resp: 5109
Ion Ratio Lower Upper
43 100
74 19.1 17.8 26.8



#20
Methylene Chloride
Concen: 3.464 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036412.D
Acq: 05 Jul 2023 18:29

Tgt Ion: 84 Resp: 7903
Ion Ratio Lower Upper
84 100
49 106.0 103.6 155.4
51 39.6 33.8 50.6
86 60.2 49.4 74.0

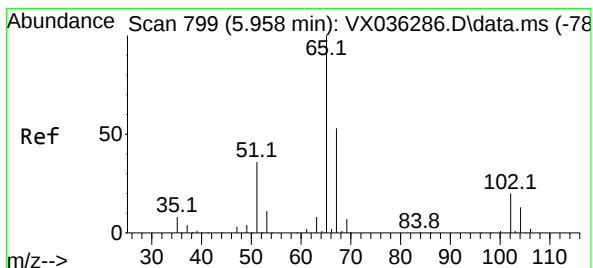
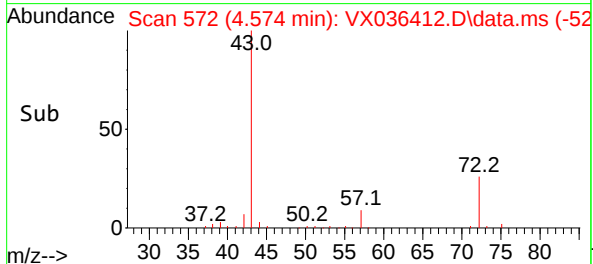
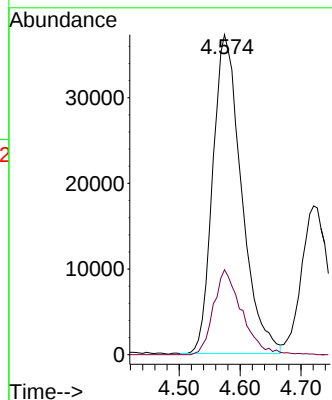
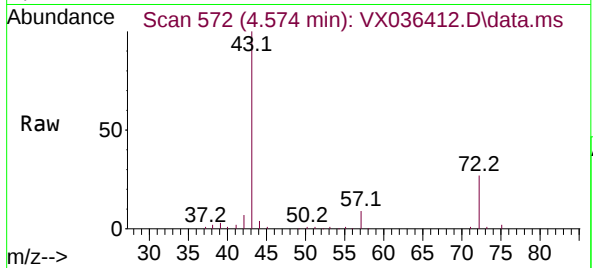




#25
2-Butanone
Concen: 80.017 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX036412.D
Acq: 05 Jul 2023 18:29

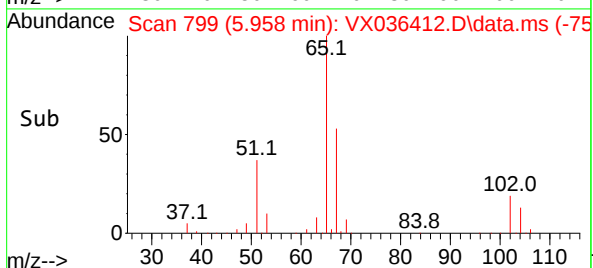
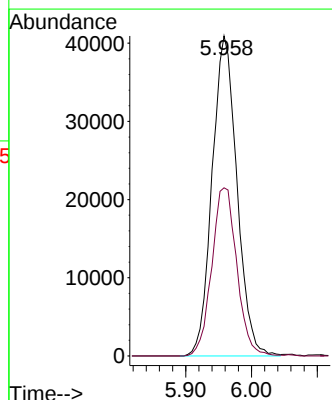
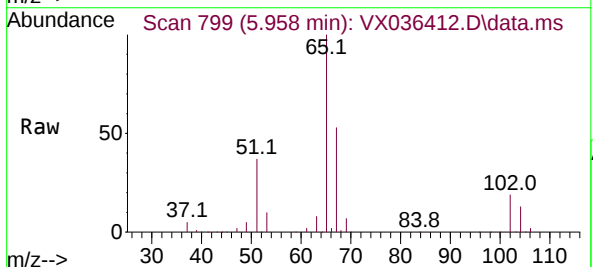
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#13

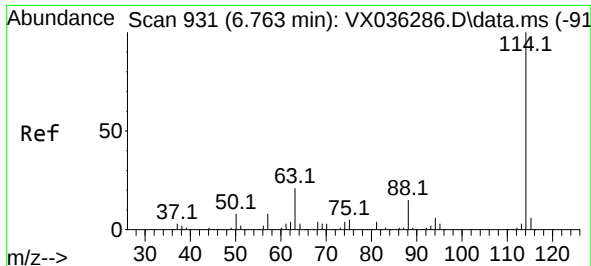
Tgt Ion: 43 Resp: 121829
Ion Ratio Lower Upper
43 100
72 26.6 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 43.367 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036412.D
Acq: 05 Jul 2023 18:29

Tgt Ion: 65 Resp: 107515
Ion Ratio Lower Upper
65 100
67 53.0 0.0 100.2

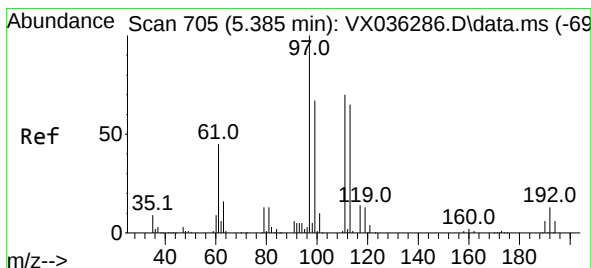
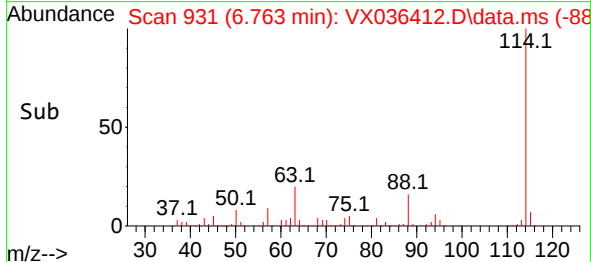
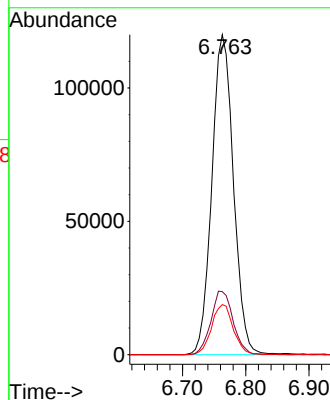
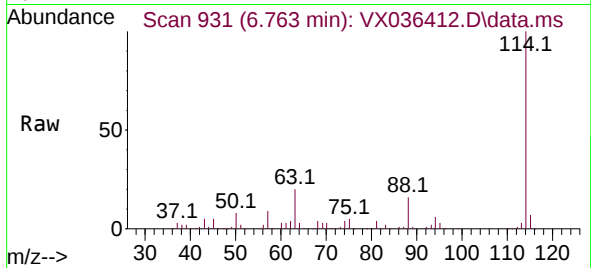




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036412.D
Acq: 05 Jul 2023 18:29

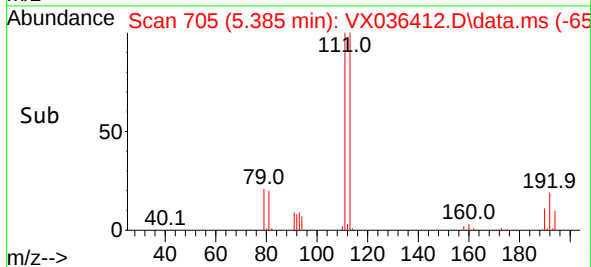
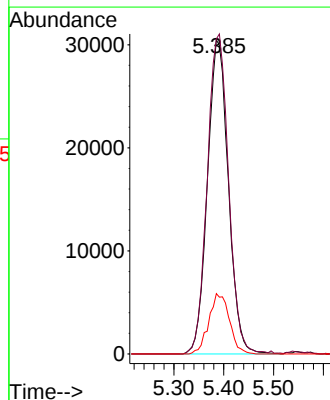
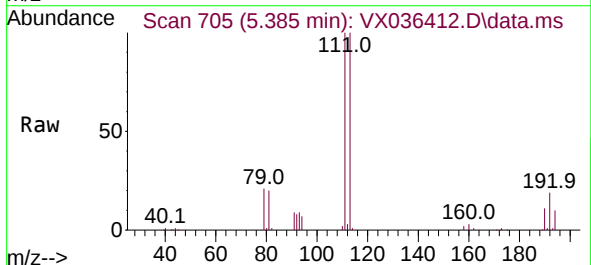
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#13

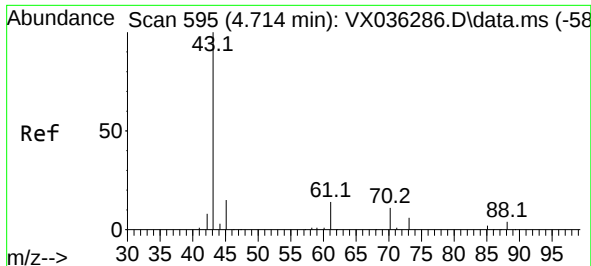
Tgt Ion:114 Resp: 283839
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.398 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036412.D
Acq: 05 Jul 2023 18:29

Tgt Ion:113 Resp: 88708
Ion Ratio Lower Upper
113 100
111 104.0 82.9 124.3
192 18.9 13.3 19.9





#37

Ethyl Acetate

Concen: 19.160 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.007 min

Lab File: VX036412.D

Acq: 05 Jul 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :

PB153983ZHE#13

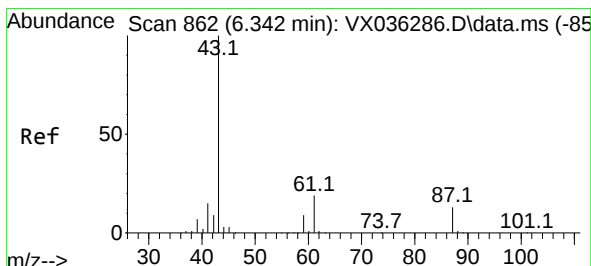
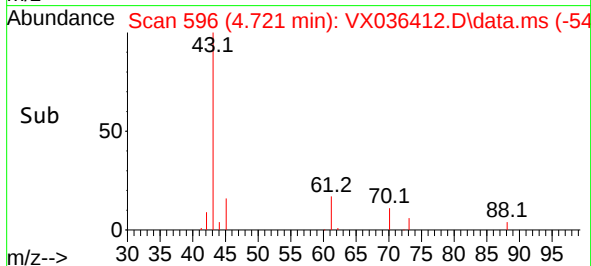
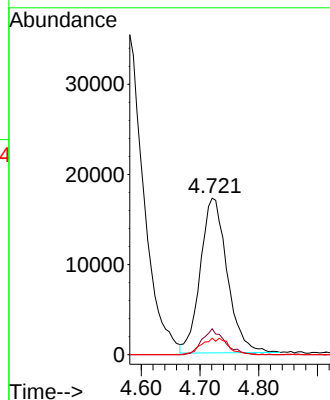
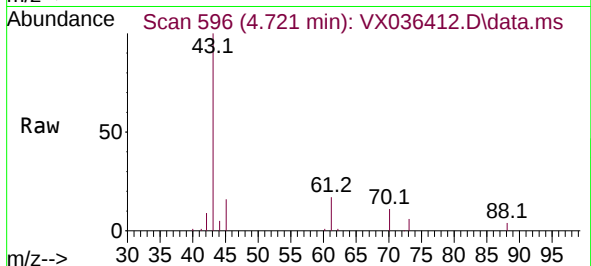
Tgt Ion: 43 Resp: 54478

Ion Ratio Lower Upper

43 100

61 14.1 10.6 16.0

70 6.0 8.3 12.5



#43

Isopropyl Acetate

Concen: 45.451 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX036412.D

Acq: 05 Jul 2023 18:29

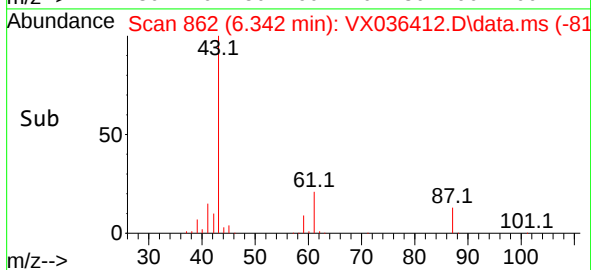
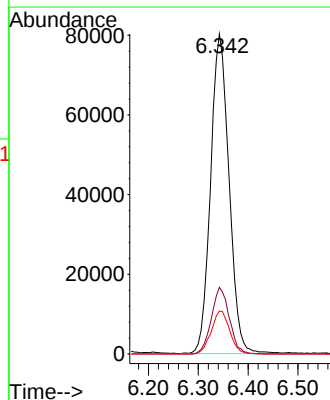
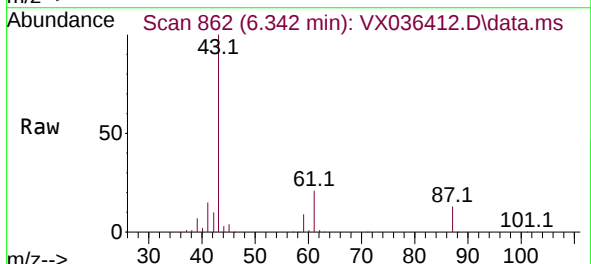
Tgt Ion: 43 Resp: 206164

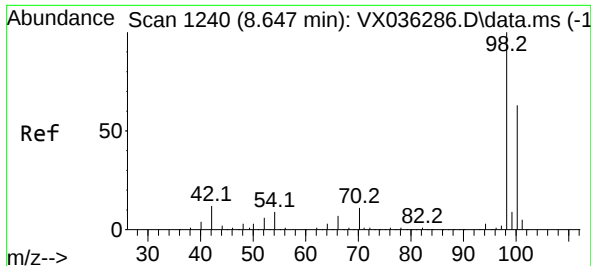
Ion Ratio Lower Upper

43 100

61 20.2 15.2 22.8

87 13.4 9.8 14.6

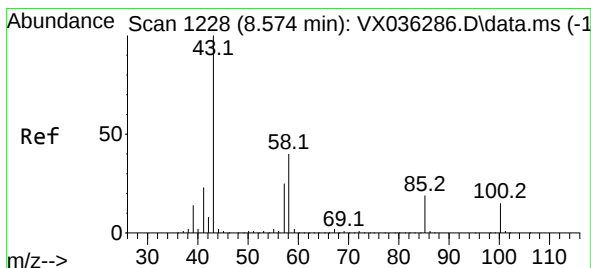
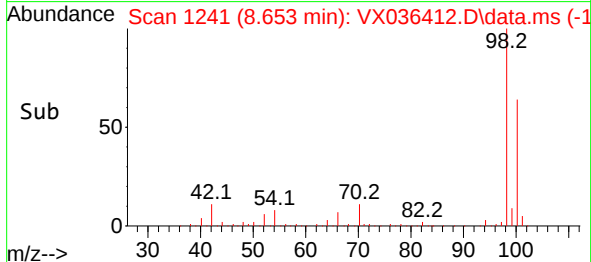
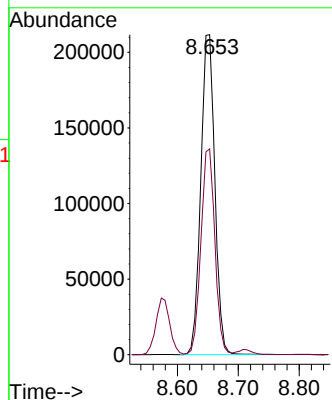
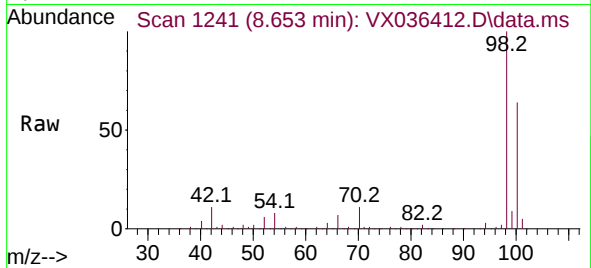




#50
Toluene-d8
Concen: 48.586 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX036412.D
Acq: 05 Jul 2023 18:29

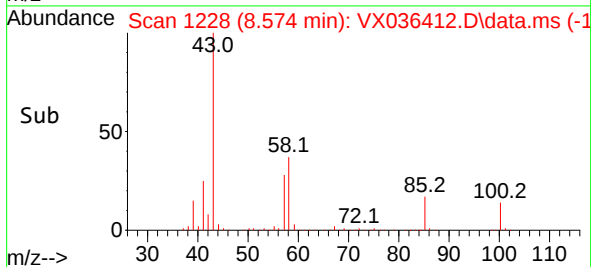
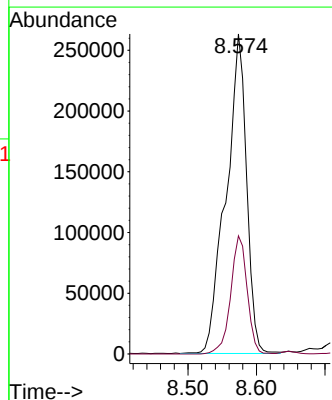
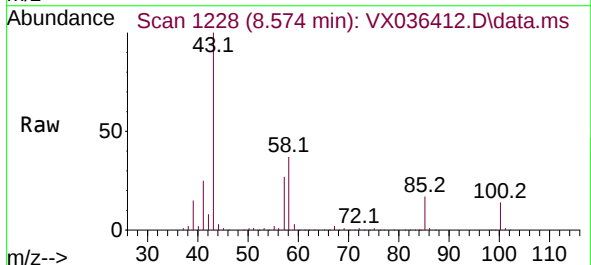
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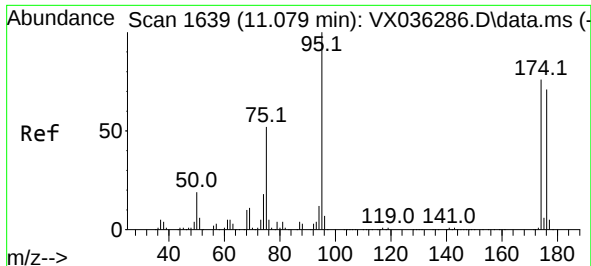
Tgt Ion: 98 Resp: 339628
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 187.260 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX036412.D
Acq: 05 Jul 2023 18:29

Tgt Ion: 43 Resp: 547244
Ion Ratio Lower Upper
43 100
58 29.7 30.4 45.6

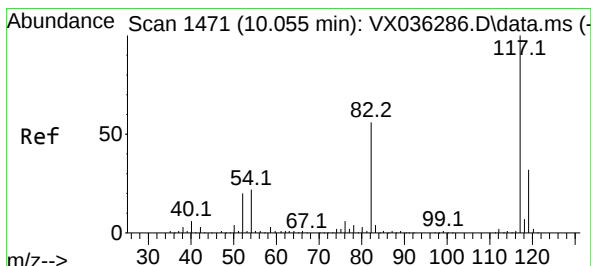
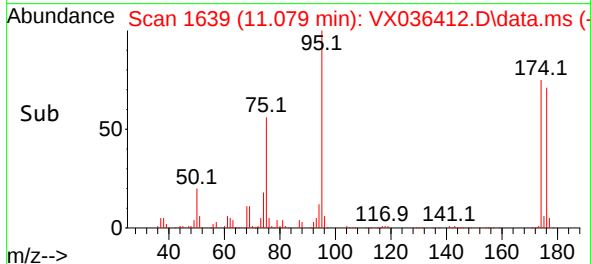
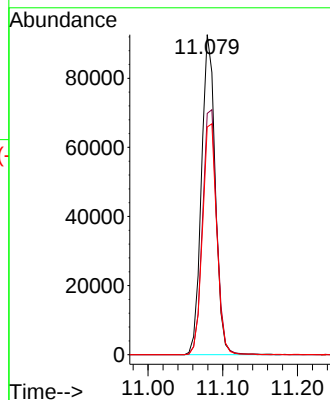
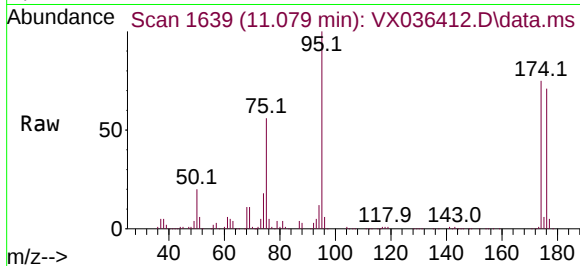




#62
4-Bromofluorobenzene
Concen: 48.145 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036412.D
Acq: 05 Jul 2023 18:29

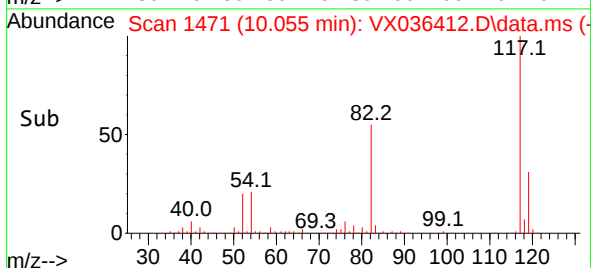
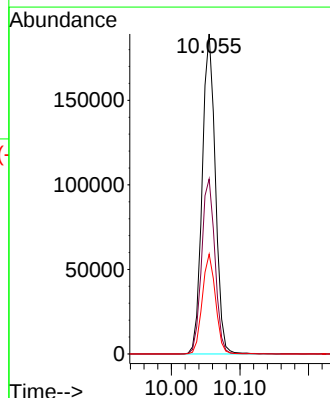
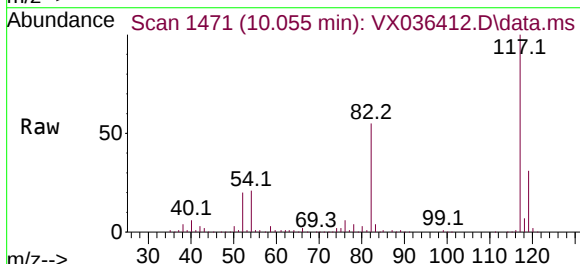
Instrument :
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ClientSampleId :
PB153983ZHE#13

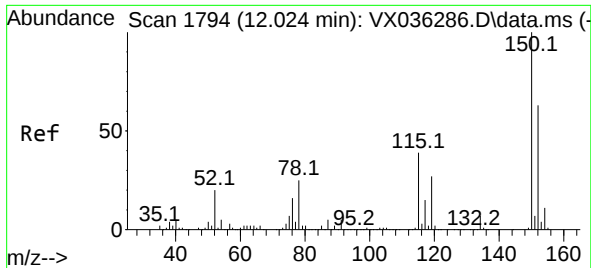
Tgt Ion: 95 Resp: 118543
Ion Ratio Lower Upper
95 100
174 79.0 0.0 135.6
176 74.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036412.D
Acq: 05 Jul 2023 18:29

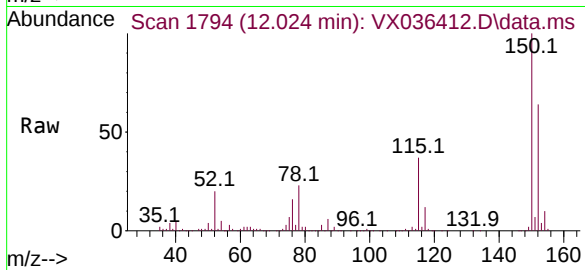
Tgt Ion: 117 Resp: 253311
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 31.2 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036412.D
 Acq: 05 Jul 2023 18:29

Instrument :
 MSVOA_X
 ClientSampleId :
 PB153983ZHE#13



Tgt Ion:152 Resp: 114560
 Ion Ratio Lower Upper
 152 100
 115 59.5 43.3 129.9
 150 156.7 0.0 345.0

