

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071023\
 Data File : VX036485.D
 Acq On : 10 Jul 2023 16:08
 Operator : JC/MD
 Sample : PB154051ZHE#07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB154051ZHE#07

Quant Time: Jul 11 01:30:34 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)

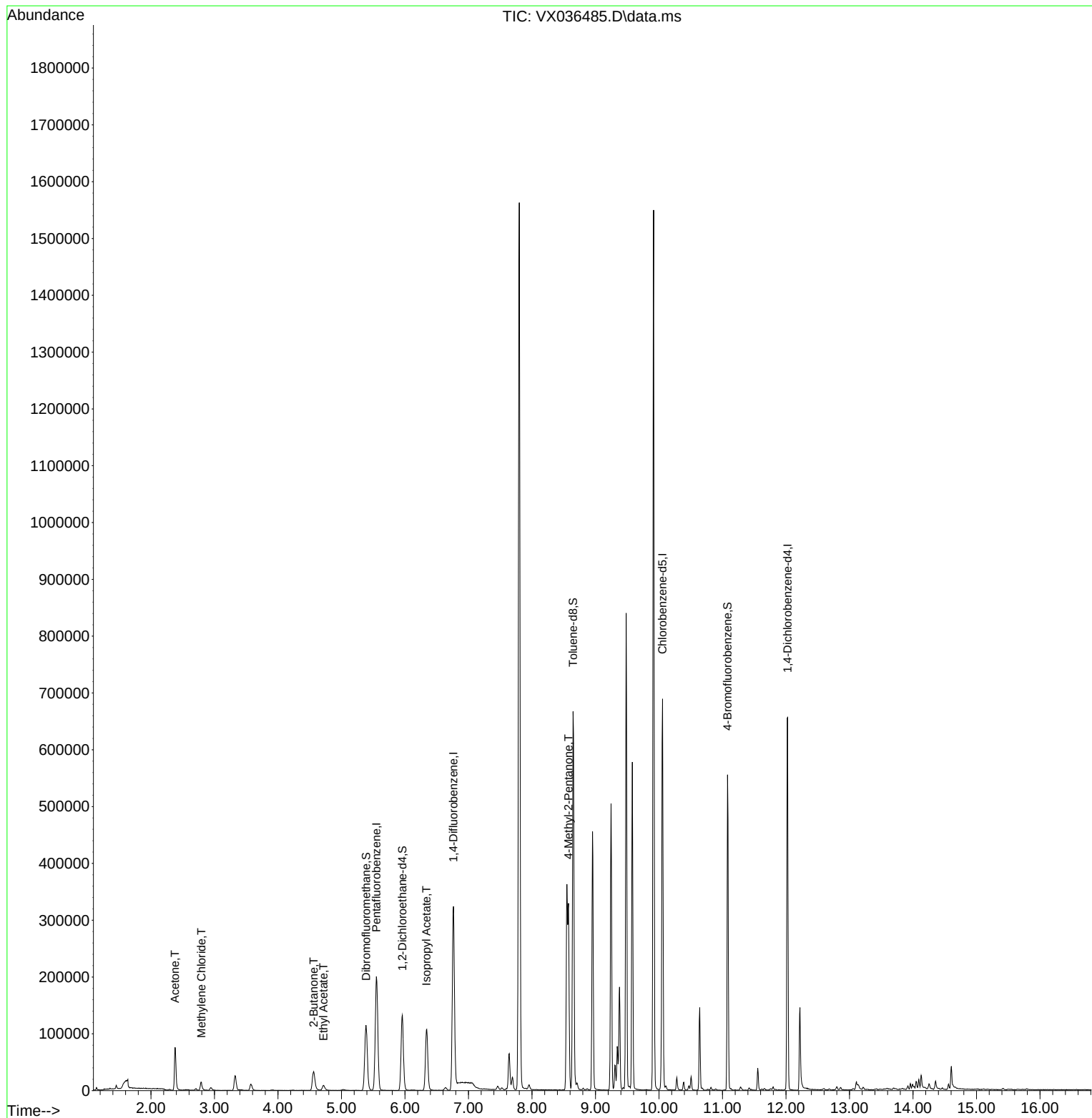
Internal Standards						
1) Pentafluorobenzene	5.550	168	189341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	323406	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	300237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	124891	46.016	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.040%
35) Dibromofluoromethane	5.385	113	100685	47.216	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.440%
50) Toluene-d8	8.647	98	398719	50.061	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.120%
62) 4-Bromofluorobenzene	11.079	95	144974	51.676	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.360%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	82807	71.381	ug/l	93
20) Methylene Chloride	2.794	84	6919	2.770	ug/l	89
25) 2-Butanone	4.562	43	58431	35.056	ug/l	93
37) Ethyl Acetate	4.715	43	14986	4.626	ug/l	98
43) Isopropyl Acetate	6.336	43	150834	29.185	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	289281	86.878	ug/l #	81

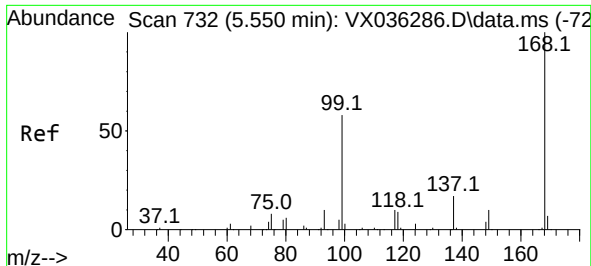
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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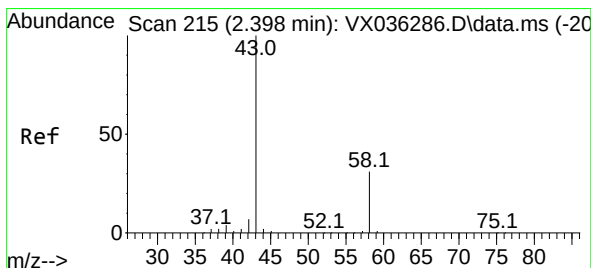
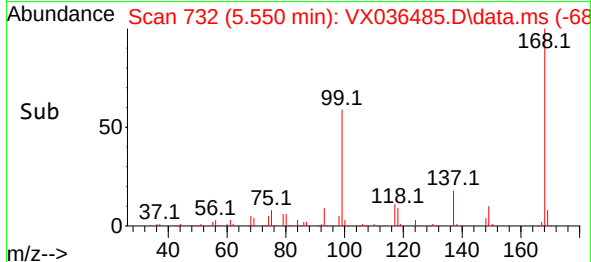
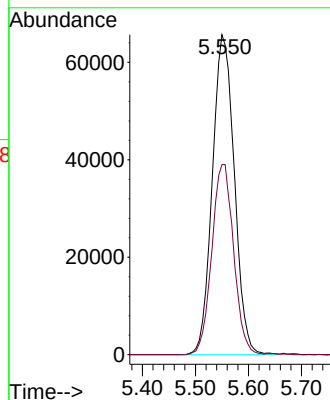
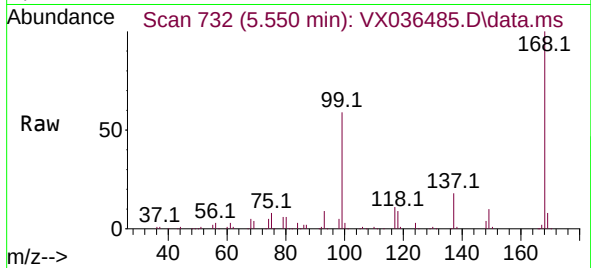




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036485.D
Acq: 10 Jul 2023 16:08

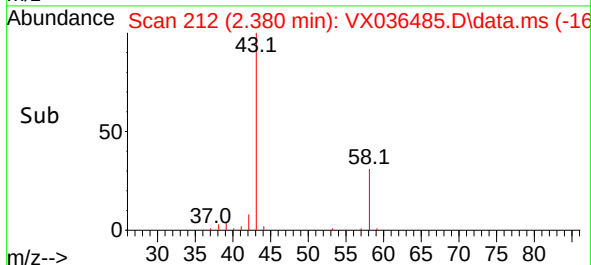
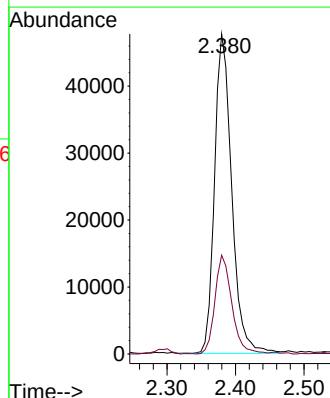
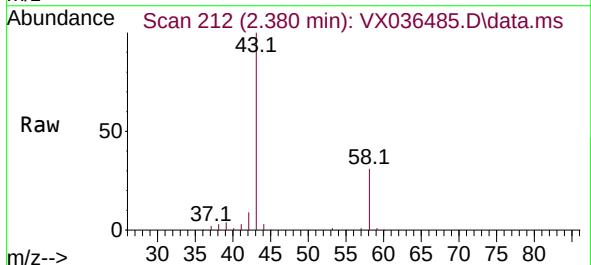
Instrument :
MSVOA_X
ClientSampleId :
PB154051ZHE#07

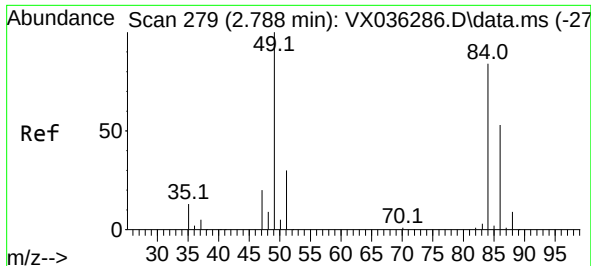
Tgt Ion:168 Resp: 189341
Ion Ratio Lower Upper
168 100
99 59.4 56.6 85.0



#16
Acetone
Concen: 71.381 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.024 min
Lab File: VX036485.D
Acq: 10 Jul 2023 16:08

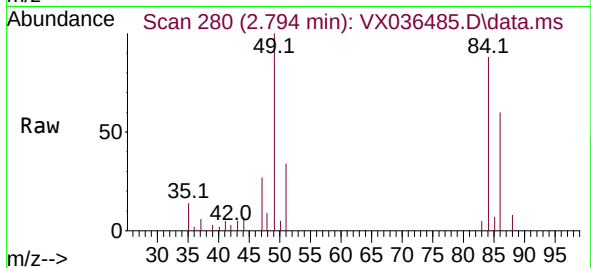
Tgt Ion: 43 Resp: 82807
Ion Ratio Lower Upper
43 100
58 30.9 21.9 32.9



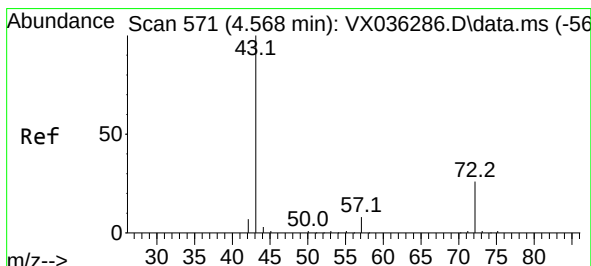
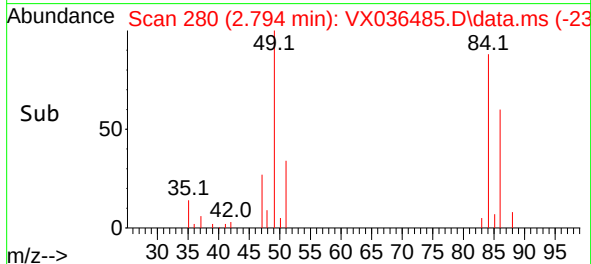
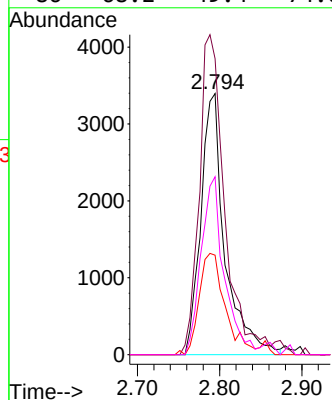


#20
Methylene Chloride
Concen: 2.770 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036485.D
Acq: 10 Jul 2023 16:08

Instrument :
MSVOA_X
ClientSampleId :
PB154051ZHE#07

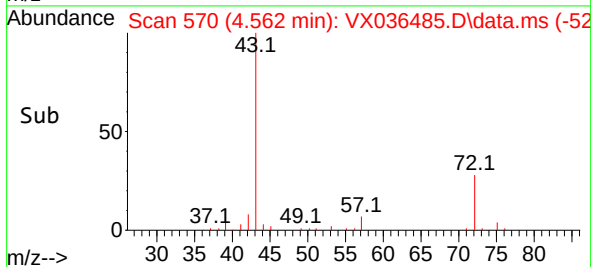
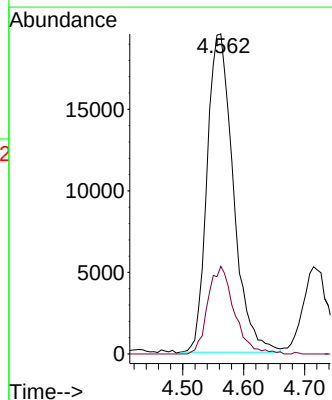
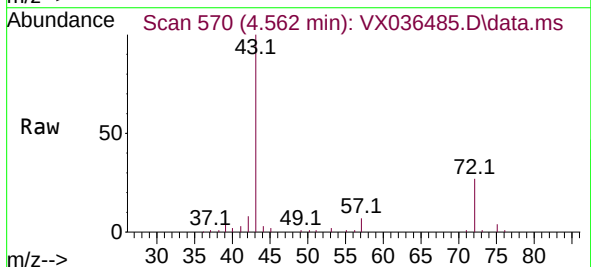


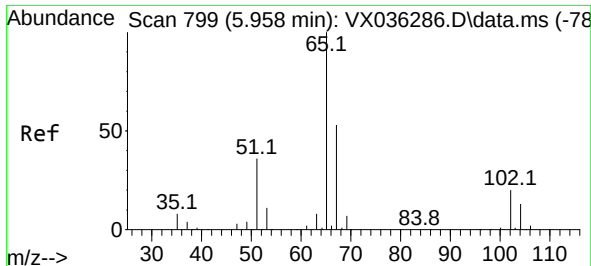
Tgt Ion: 84	Resp: 6919
Ion Ratio	Lower Upper
84 100	
49 113.4	103.6 155.4
51 38.1	33.8 50.6
86 68.2	49.4 74.0



#25
2-Butanone
Concen: 35.056 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX036485.D
Acq: 10 Jul 2023 16:08

Tgt Ion: 43	Resp: 58431
Ion Ratio	Lower Upper
43 100	
72 27.5	19.4 29.2

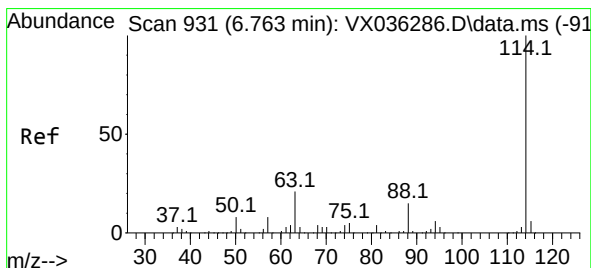
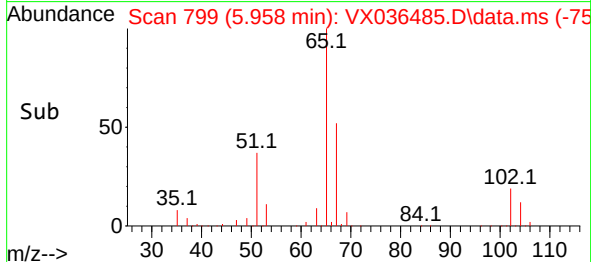
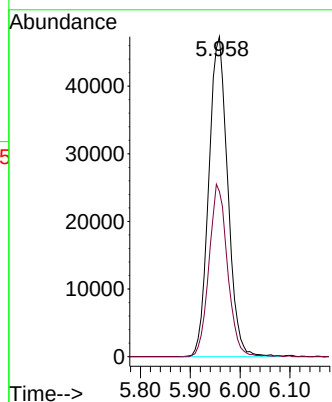
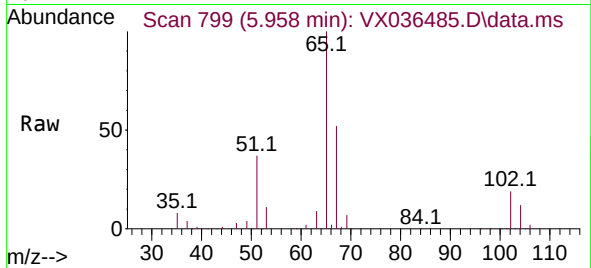




#33
 1,2-Dichloroethane-d4
 Concen: 46.016 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX036485.D
 Acq: 10 Jul 2023 16:08

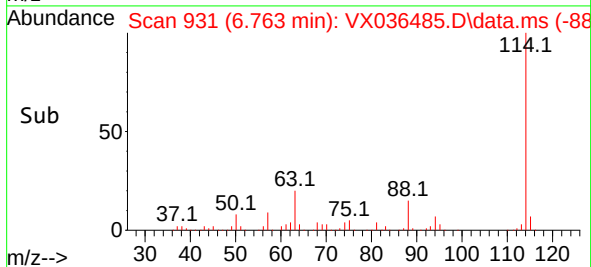
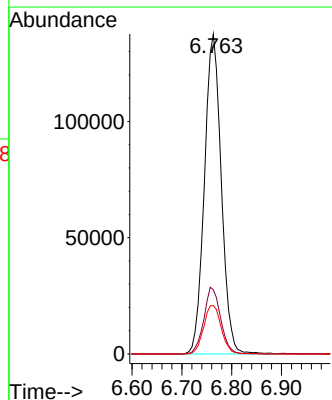
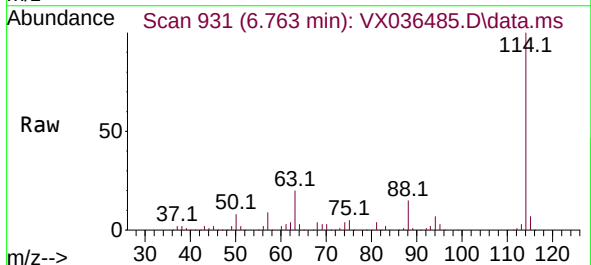
Instrument :
 MSVOA_X
 ClientSampleId :
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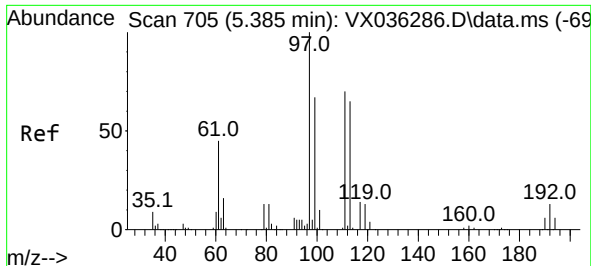
Tgt Ion: 65 Resp: 124891
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX036485.D
 Acq: 10 Jul 2023 16:08

Tgt Ion: 114 Resp: 323406
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 45.0
 88 15.1 0.0 36.6

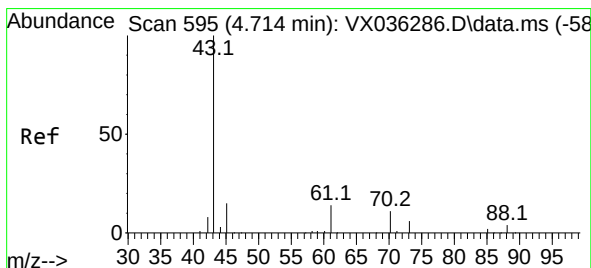
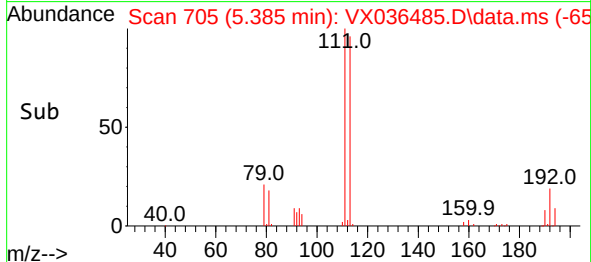
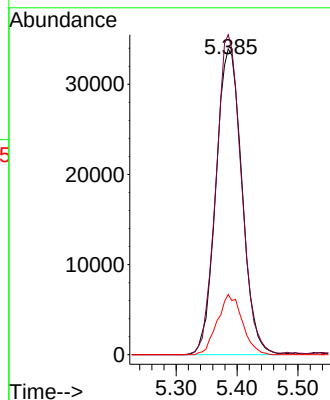
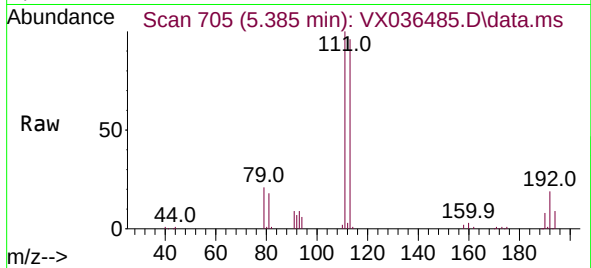




#35
Dibromofluoromethane
Concen: 47.216 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036485.D
Acq: 10 Jul 2023 16:08

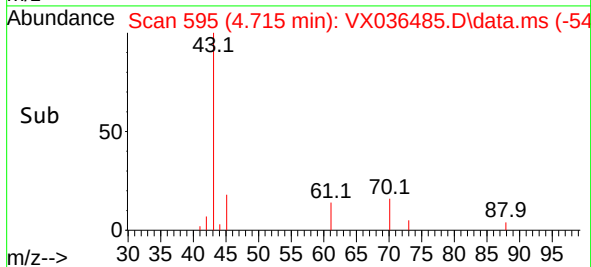
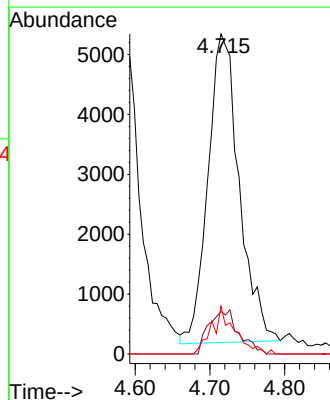
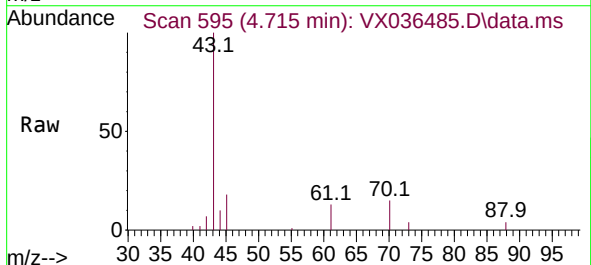
Instrument :
MSVOA_X
ClientSampleId :
PB154051ZHE#07

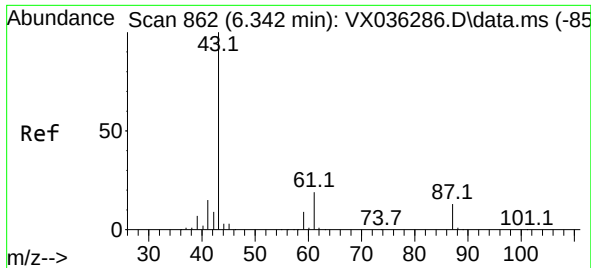
Tgt Ion:113 Resp: 100685
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.9 13.3 19.9



#37
Ethyl Acetate
Concen: 4.626 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.001 min
Lab File: VX036485.D
Acq: 10 Jul 2023 16:08

Tgt Ion: 43 Resp: 14986
Ion Ratio Lower Upper
43 100
61 13.6 10.6 16.0
70 11.5 8.3 12.5

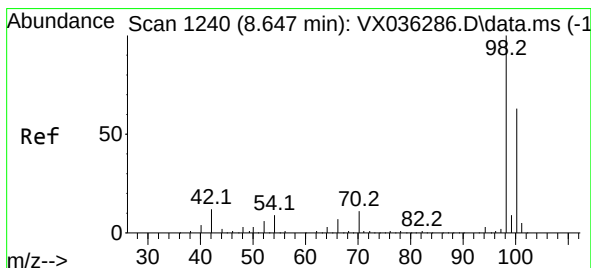
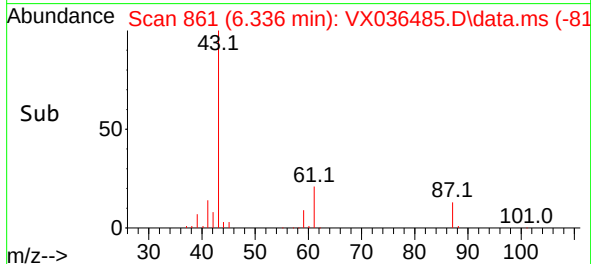
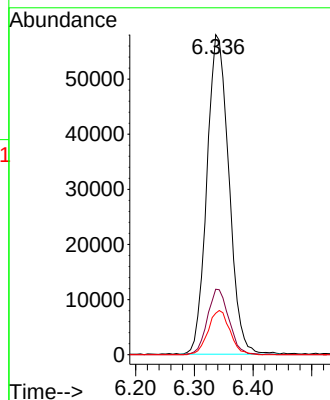
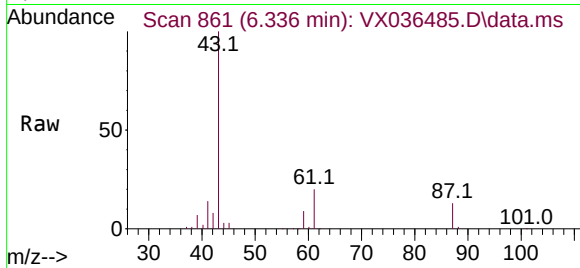




#43
Isopropyl Acetate
Concen: 29.185 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX036485.D
Acq: 10 Jul 2023 16:08

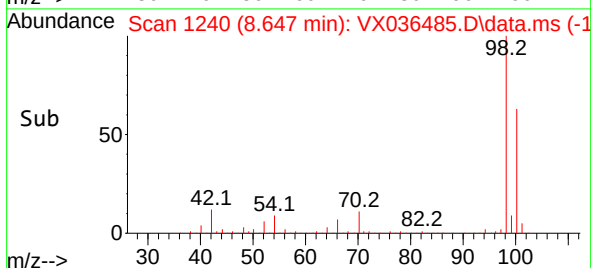
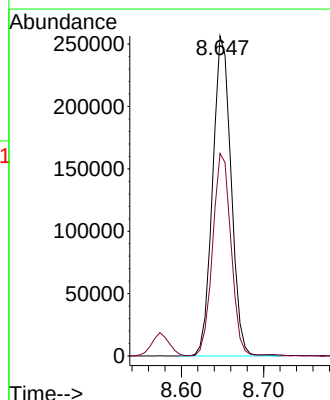
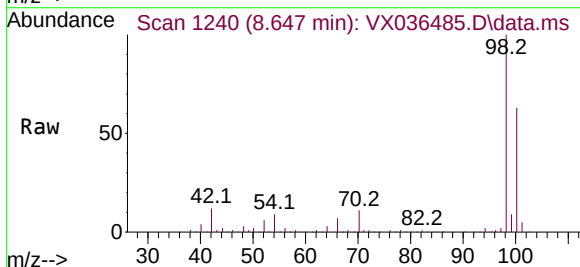
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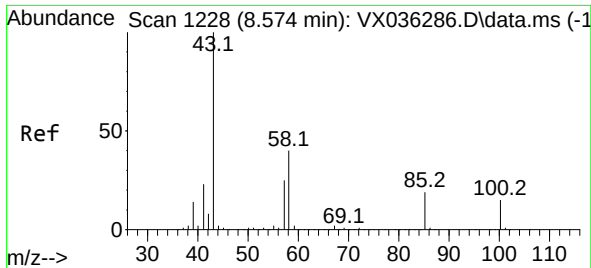
Tgt Ion: 43 Resp: 150834
Ion Ratio Lower Upper
43 100
61 20.0 15.2 22.8
87 13.6 9.8 14.6



#50
Toluene-d8
Concen: 50.061 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036485.D
Acq: 10 Jul 2023 16:08

Tgt Ion: 98 Resp: 398719
Ion Ratio Lower Upper
98 100
100 62.9 53.1 79.7

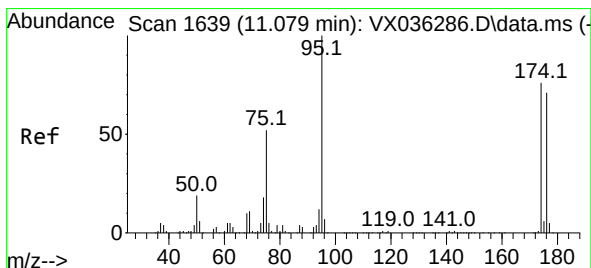
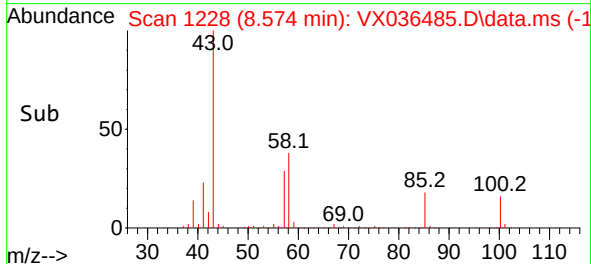
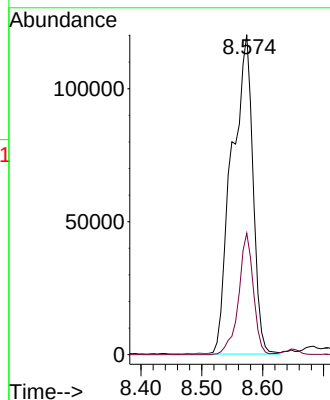
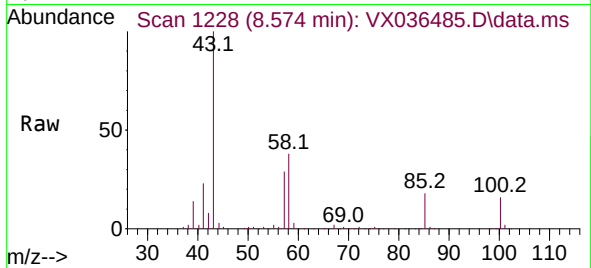




#51
4-Methyl-2-Pentanone
Concen: 86.878 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036485.D
Acq: 10 Jul 2023 16:08

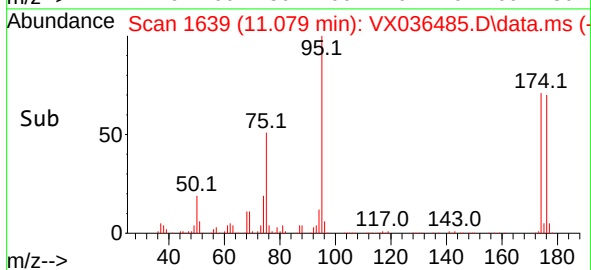
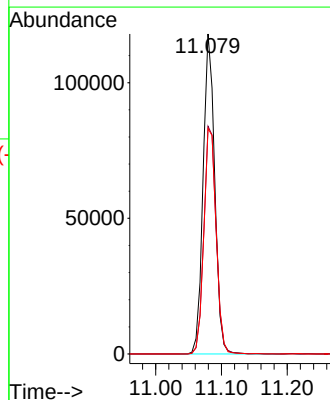
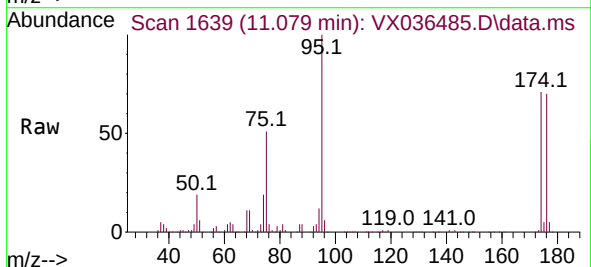
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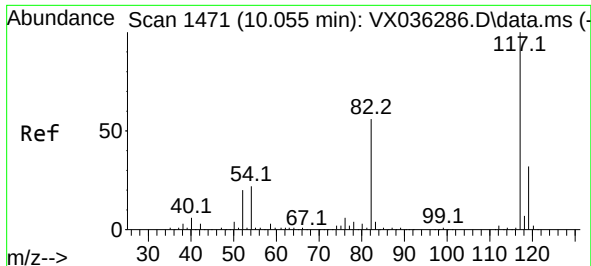
Tgt Ion: 43 Resp: 289281
Ion Ratio Lower Upper
43 100
58 26.6 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 51.676 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036485.D
Acq: 10 Jul 2023 16:08

Tgt Ion: 95 Resp: 144974
Ion Ratio Lower Upper
95 100
174 74.9 0.0 135.6
176 74.6 0.0 131.0

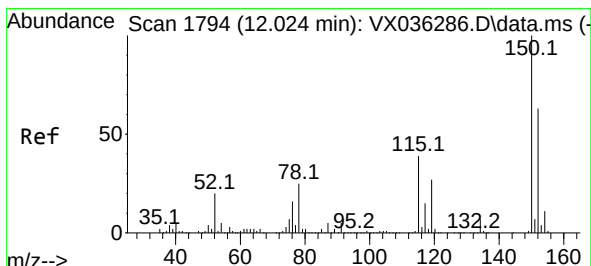
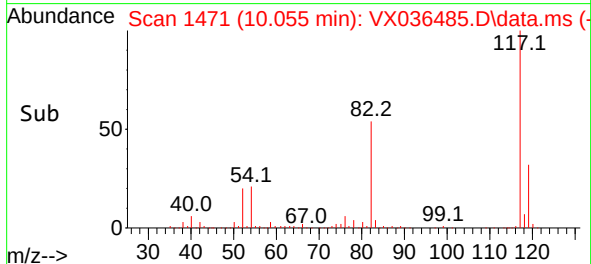
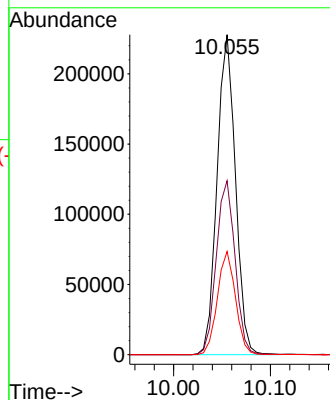
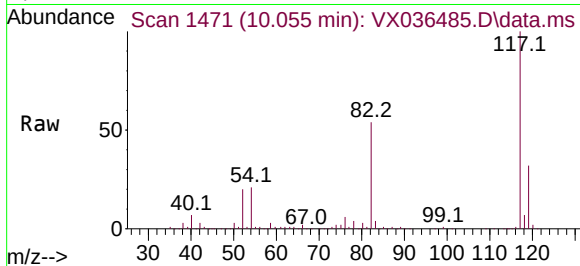




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036485.D
Acq: 10 Jul 2023 16:08

Instrument :
MSVOA_X
ClientSampleId :
PB154051ZHE#07

Tgt Ion:117 Resp: 300237
Ion Ratio Lower Upper
117 100
82 54.3 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036485.D
Acq: 10 Jul 2023 16:08

Tgt Ion:152 Resp: 137603
Ion Ratio Lower Upper
152 100
115 59.3 43.3 129.9
150 154.6 0.0 345.0

