

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080222\
 Data File : VX030355.D
 Acq On : 02 Aug 2022 16:18
 Operator : JC/MD
 Sample : PB146634ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB146634ZHE#02

Quant Time: Aug 03 01:08:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

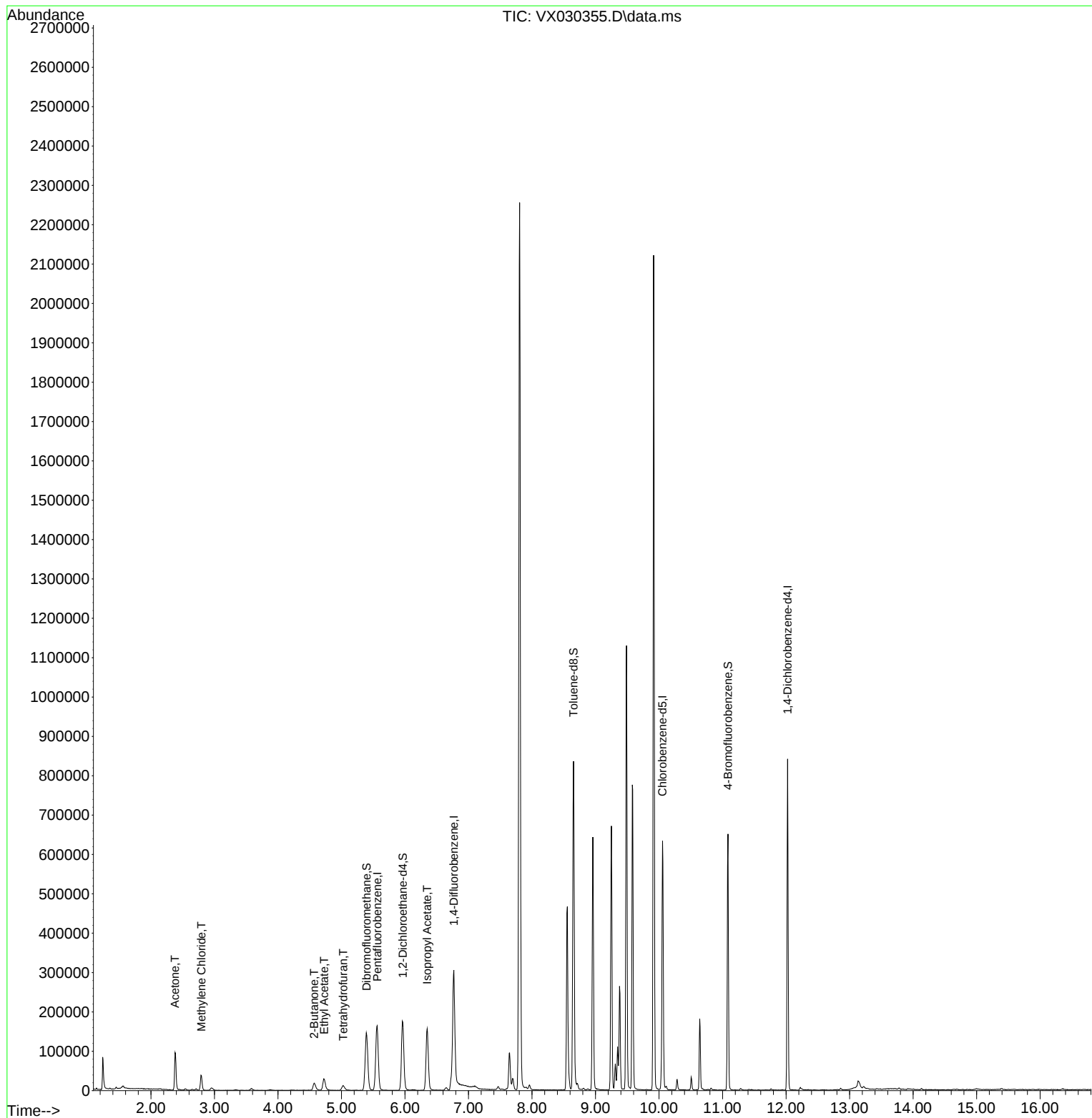
Internal Standards						
1) Pentafluorobenzene	5.562	168	157508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	286681	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	284776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160939	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	164854	52.073	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.140%	
35) Dibromofluoromethane	5.397	113	133034	48.543	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.080%	
50) Toluene-d8	8.653	98	505237	47.605	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.220%	
62) 4-Bromofluorobenzene	11.085	95	179458	45.562	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.120%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	101197	62.436	ug/l	96
20) Methylene Chloride	2.794	84	16835	3.712	ug/l	97
25) 2-Butanone	4.568	43	32994	12.114	ug/l	95
29) Tetrahydrofuran	5.025	42	12103	6.604	ug/l	96
37) Ethyl Acetate	4.727	43	51416	9.206	ug/l	97
43) Isopropyl Acetate	6.348	43	218601	26.700	ug/l	97

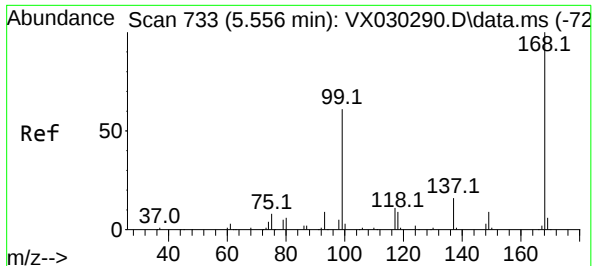
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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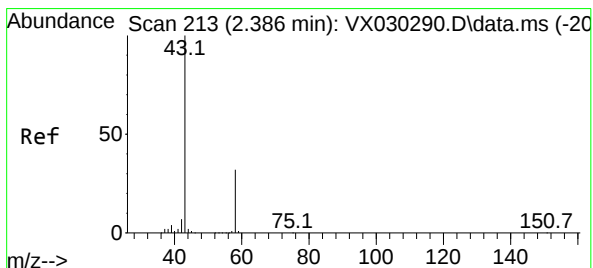
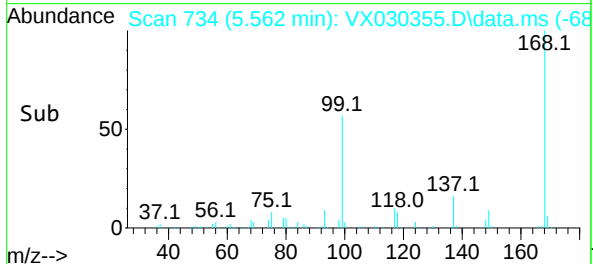
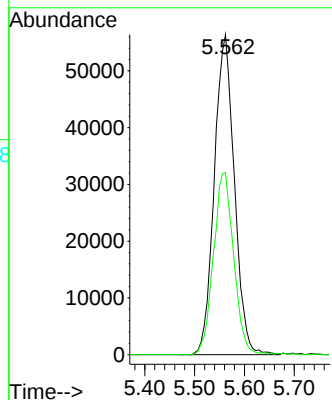
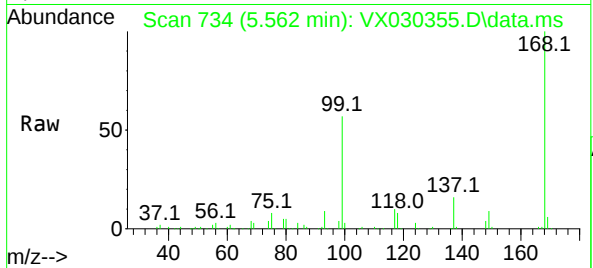




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

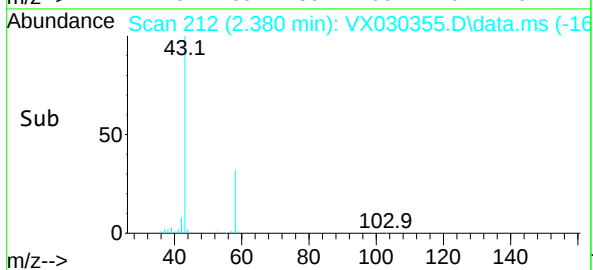
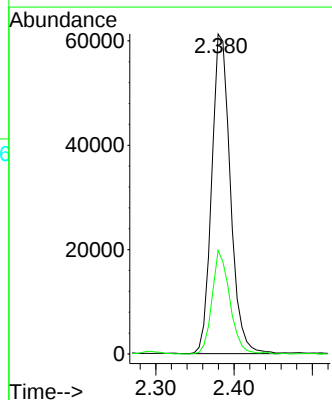
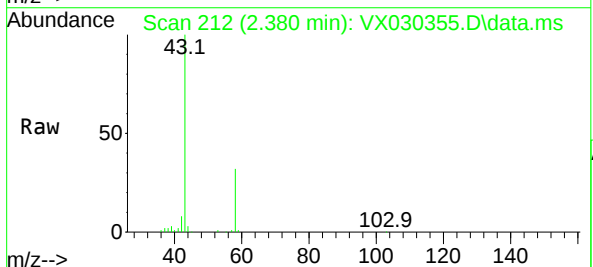
Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#02

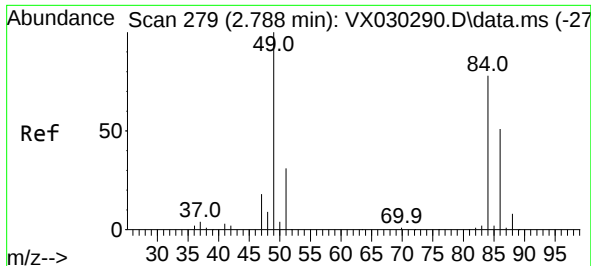
Tgt Ion:168 Resp: 157508
Ion Ratio Lower Upper
168 100
99 56.9 44.0 66.0



#16
Acetone
Concen: 62.436 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.005 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

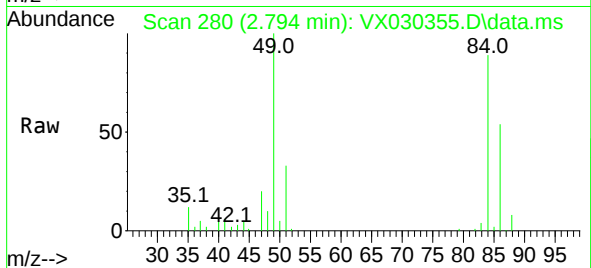
Tgt Ion: 43 Resp: 101197
Ion Ratio Lower Upper
43 100
58 32.3 27.7 41.5



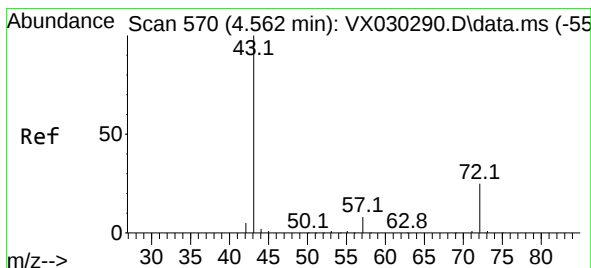
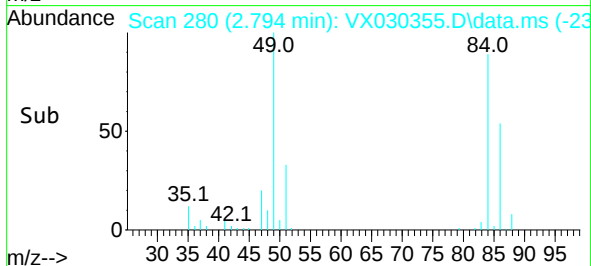
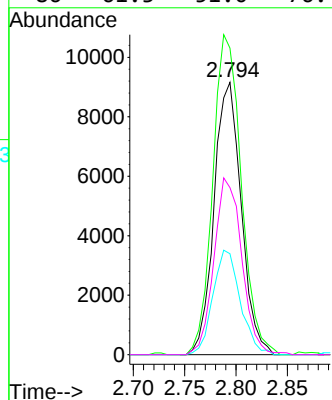


#20
Methylene Chloride
Concen: 3.712 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#02

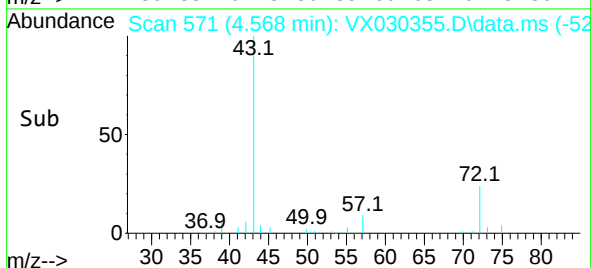
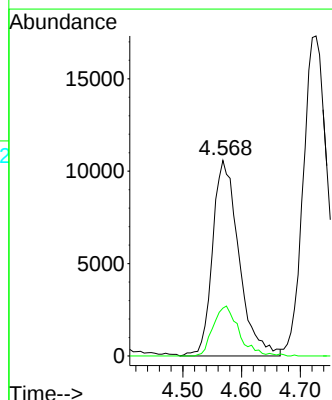
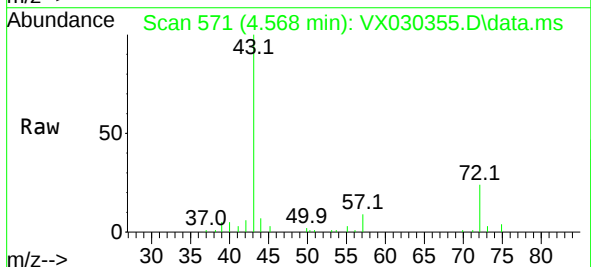


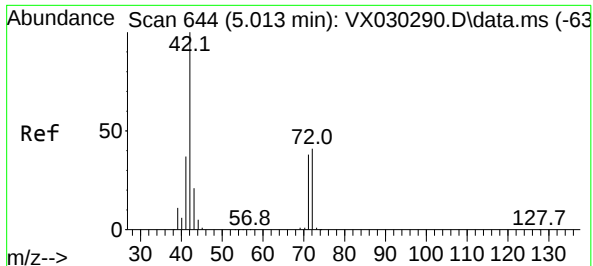
Tgt Ion: 84	Resp: 16835
Ion Ratio	Lower Upper
84 100	
49 112.6	93.8 140.6
51 37.1	29.4 44.0
86 61.3	51.0 76.4



#25
2-Butanone
Concen: 12.114 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Tgt Ion: 43	Resp: 32994
Ion Ratio	Lower Upper
43 100	
72 24.5	21.7 32.5





#29

Tetrahydrofuran

Concen: 6.604 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX030355.D

Acq: 02 Aug 2022 16:18

Instrument :

MSVOA_X

ClientSampleId :

PB146634ZHE#02

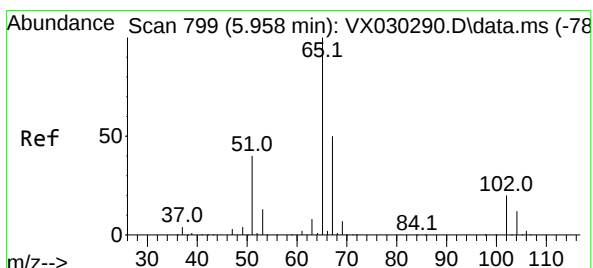
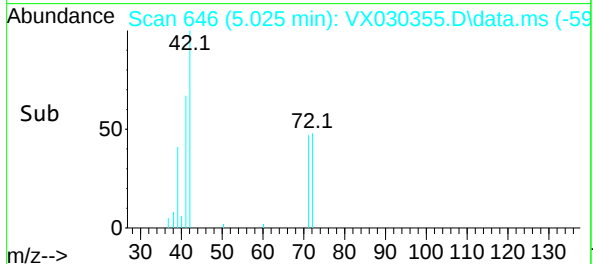
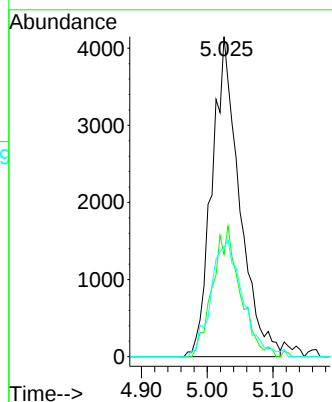
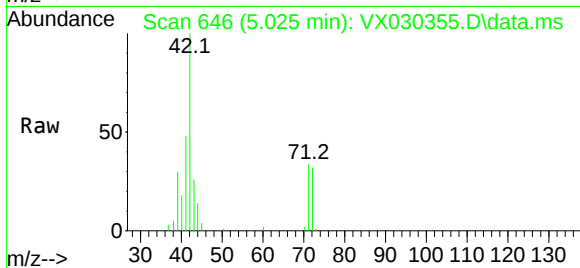
Tgt Ion: 42 Resp: 12103

Ion Ratio Lower Upper

42 100

72 40.6 36.5 54.7

71 41.8 33.9 50.9



#33

1,2-Dichloroethane-d4

Concen: 52.073 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX030355.D

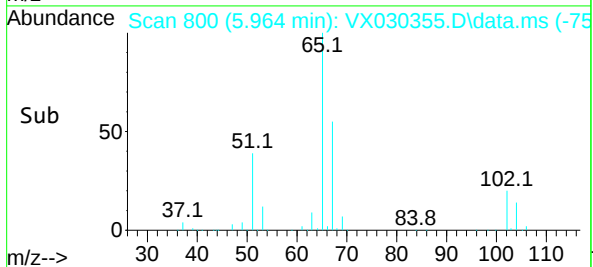
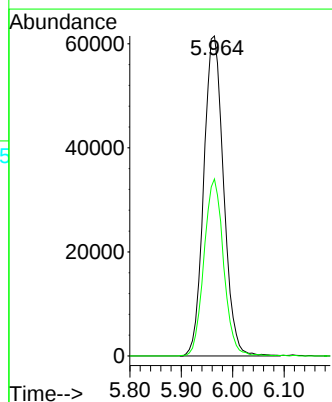
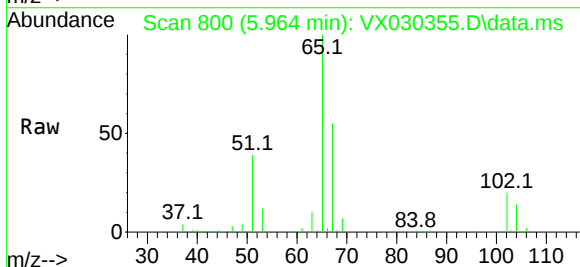
Acq: 02 Aug 2022 16:18

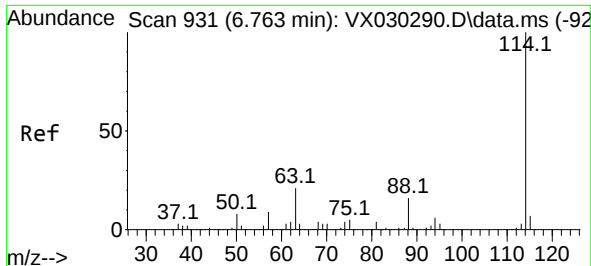
Tgt Ion: 65 Resp: 164854

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.6

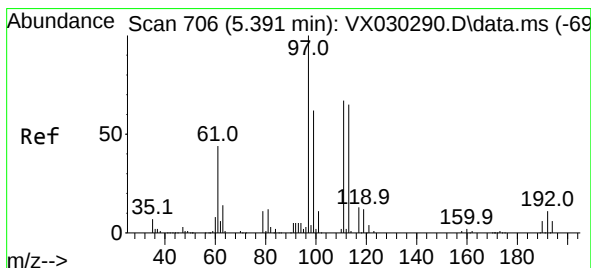
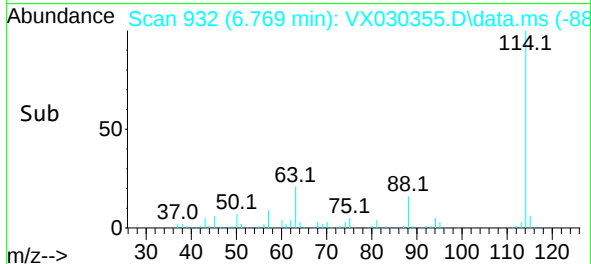
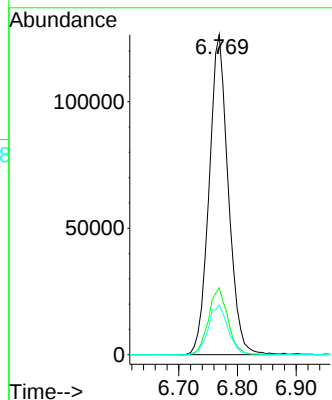
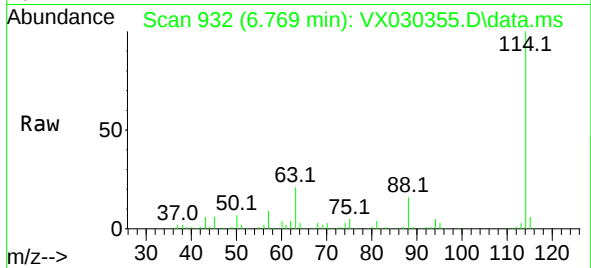




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

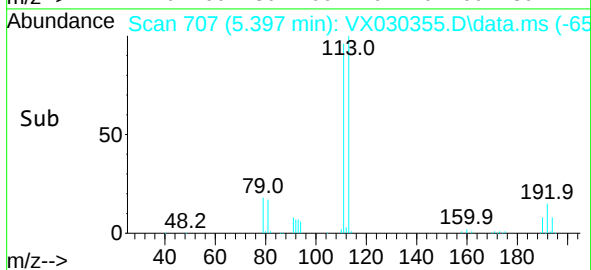
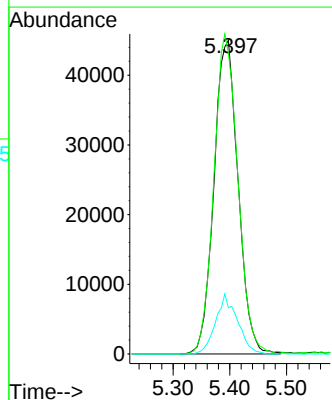
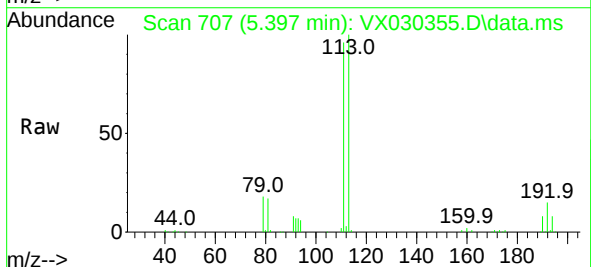
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PB146634ZHE#02

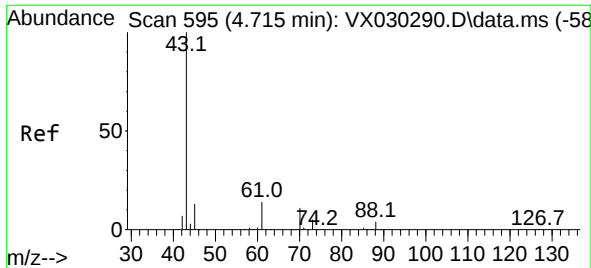
Tgt Ion:114 Resp: 286681
Ion Ratio Lower Upper
114 100
63 20.9 0.0 38.4
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.543 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Tgt Ion:113 Resp: 133034
Ion Ratio Lower Upper
113 100
111 101.1 83.2 124.8
192 17.2 14.8 22.2

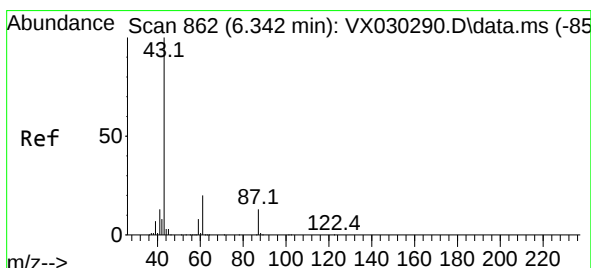
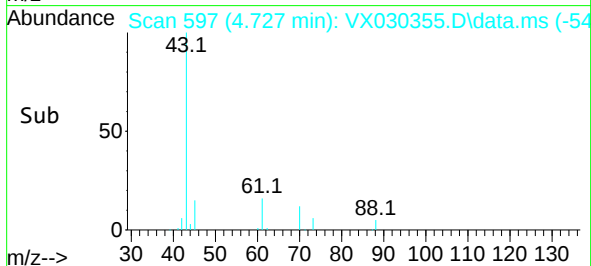
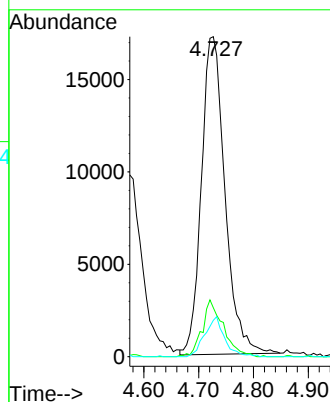
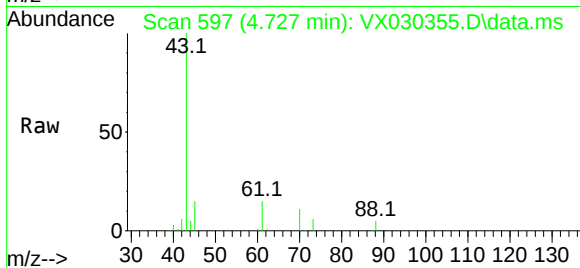




#37
Ethyl Acetate
Concen: 9.206 ug/l
RT: 4.727 min Scan# 595
Delta R.T. 0.007 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

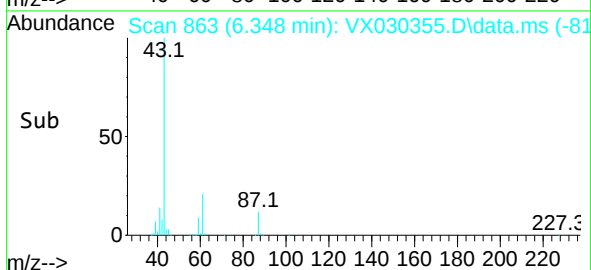
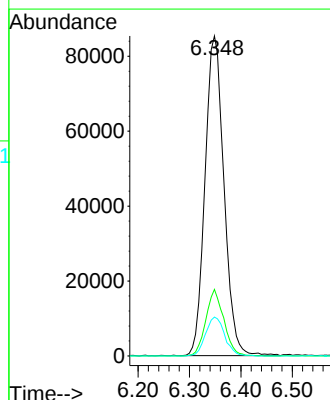
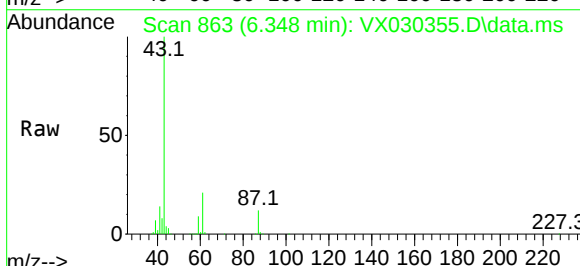
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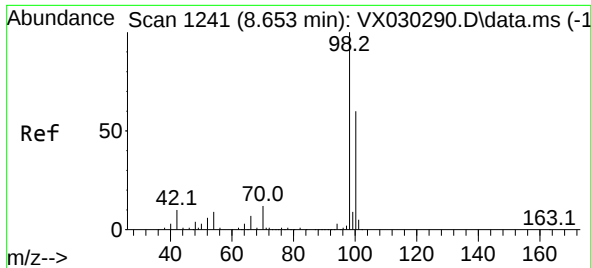
Tgt Ion: 43	Resp: 51416
Ion Ratio	Lower Upper
43 100	
61 16.0	11.7 17.5
70 10.6	9.3 13.9



#43
Isopropyl Acetate
Concen: 26.700 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Tgt Ion: 43	Resp: 218601
Ion Ratio	Lower Upper
43 100	
61 19.8	16.5 24.7
87 12.3	11.1 16.7

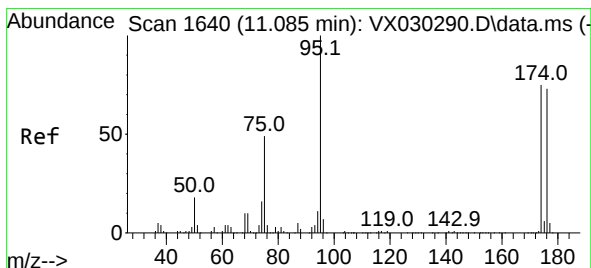
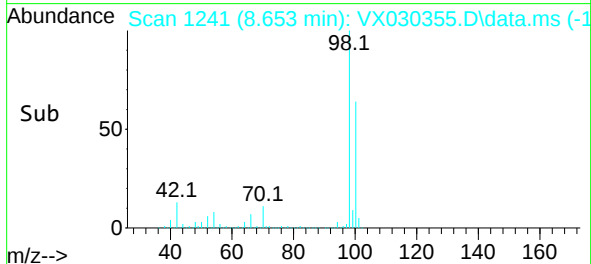
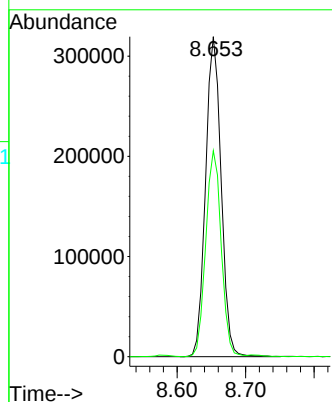
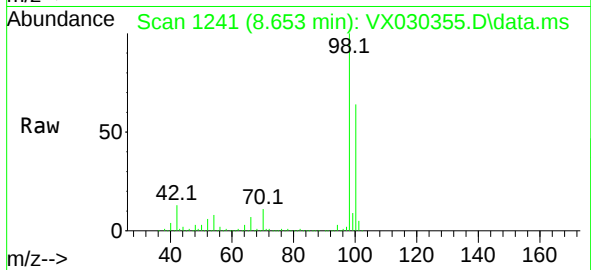




#50
Toluene-d8
Concen: 47.605 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

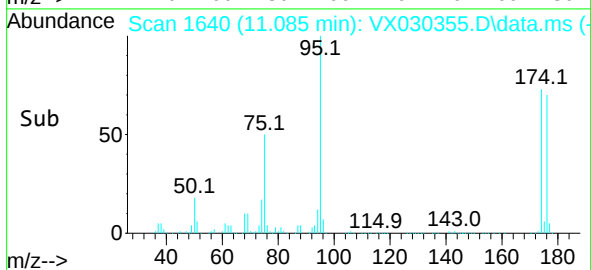
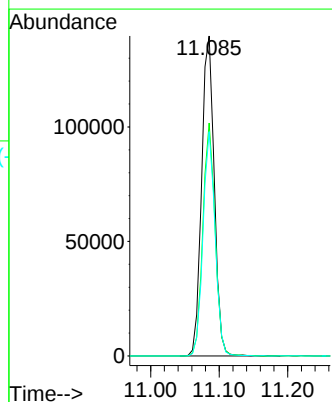
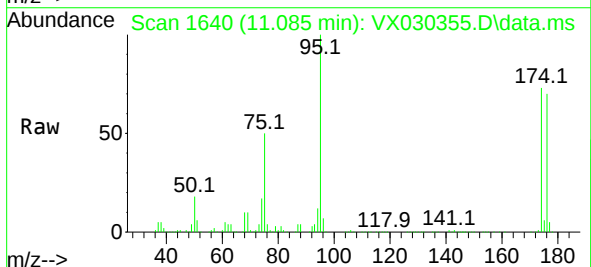
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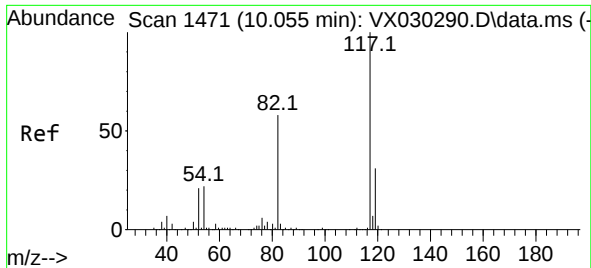
Tgt Ion: 98 Resp: 505237
Ion Ratio Lower Upper
98 100
100 63.9 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 45.562 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Tgt Ion: 95 Resp: 179458
Ion Ratio Lower Upper
95 100
174 70.3 0.0 149.0
176 67.1 0.0 146.0

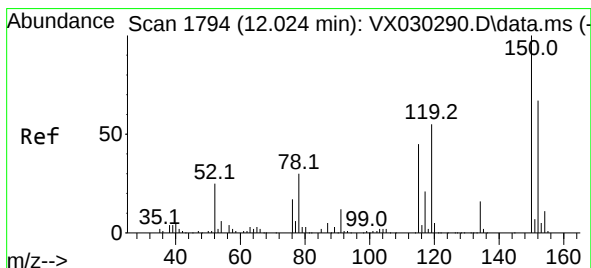
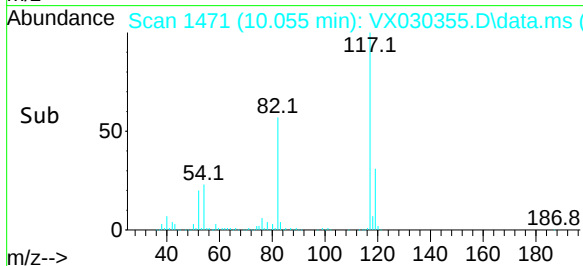
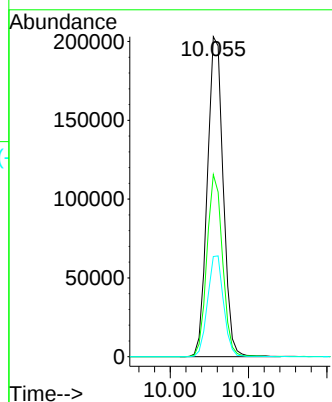
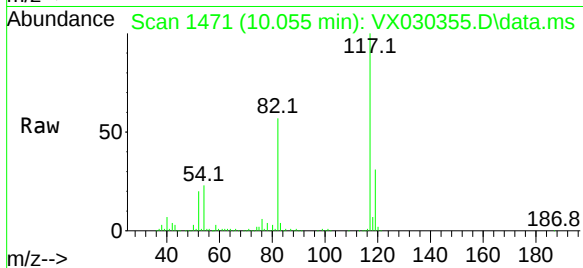




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#02

Tgt Ion:117 Resp: 284776
Ion Ratio Lower Upper
117 100
82 56.9 42.7 64.1
119 31.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Tgt Ion:152 Resp: 160939
Ion Ratio Lower Upper
152 100
115 61.7 40.5 121.5
150 156.1 0.0 347.0

