

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042833.D
 Acq On : 02 Aug 2024 08:08
 Operator : JC/MD
 Sample : PB162393ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB162393ZHE#02

Quant Time: Aug 02 09:18:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 01 16:40:12 2024
 Response via : Initial Calibration

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

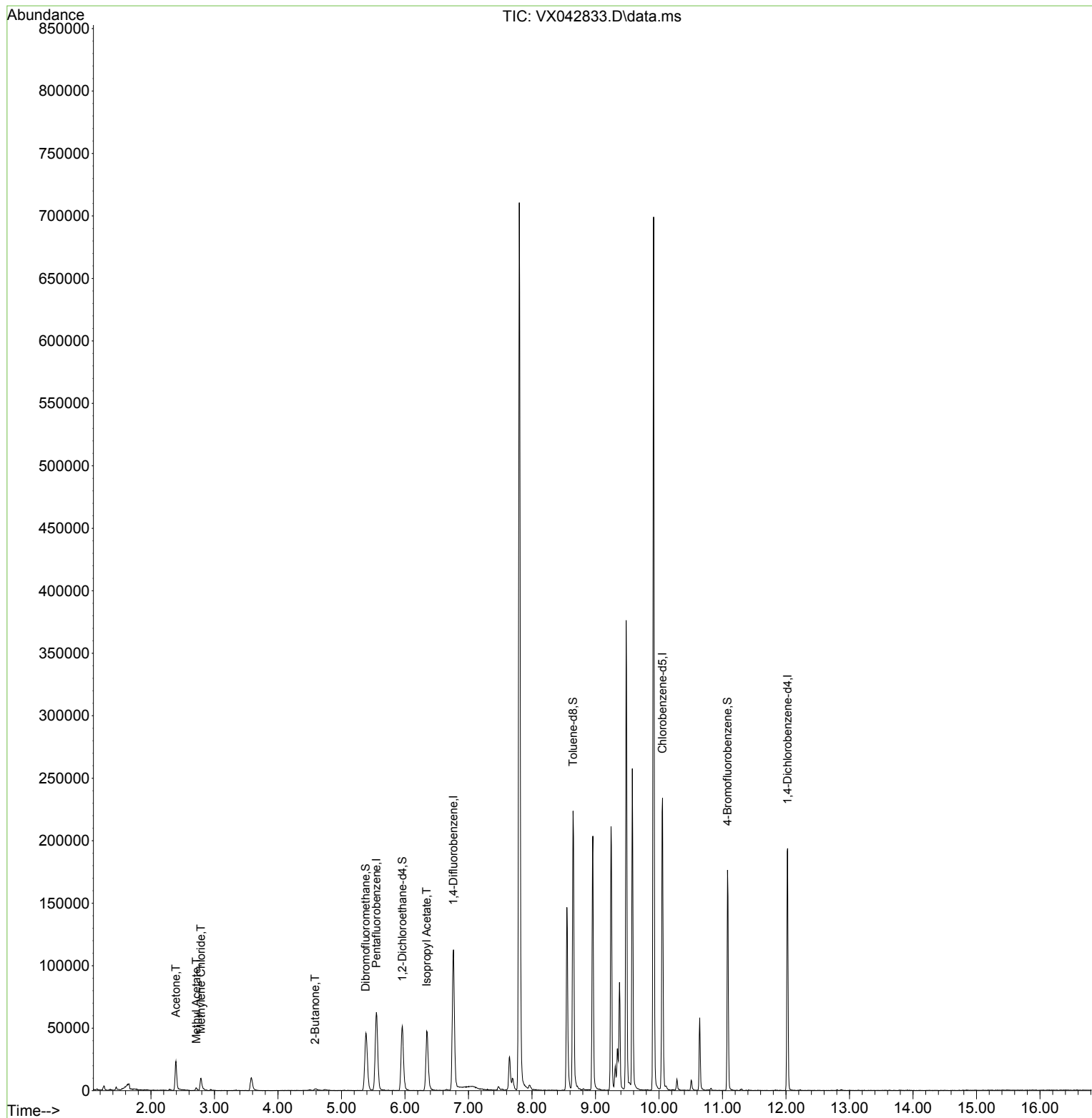
Internal Standards						
1) Pentafluorobenzene	5.550	168	55100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	112387	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	105834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	52927	59.789	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	119.580%	#
35) Dibromofluoromethane	5.379	113	41245	53.125	ug/l	-0.01
Spiked Amount	50.000	Range 75 - 124	Recovery	=	106.240%	
50) Toluene-d8	8.647	98	134233	47.633	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	95.260%	
62) 4-Bromofluorobenzene	11.079	95	48554	47.147	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	94.300%	
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	27140	84.432	ug/l	# 89
18) Methyl Acetate	2.715	43	2669	3.308	ug/l	93
20) Methylene Chloride	2.788	84	5842	7.207	ug/l	# 82
25) 2-Butanone	4.587	43	3127	6.621	ug/l	99
43) Isopropyl Acetate	6.342	43	65384	40.672	ug/l	96

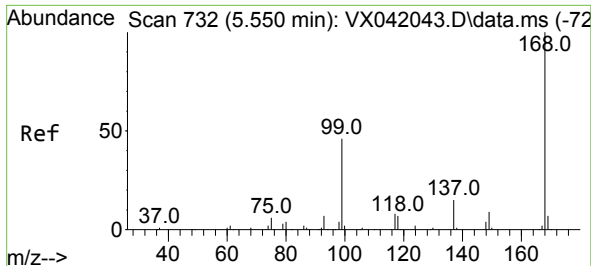
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX042833.D

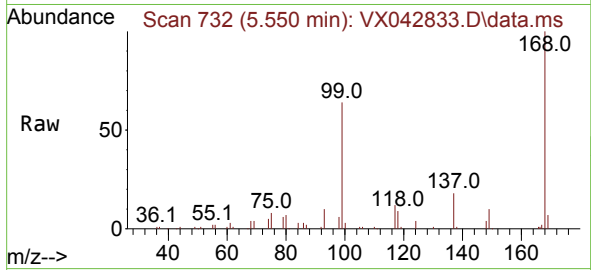
Acq: 02 Aug 2024 08:08

Instrument :

MSVOA_X

ClientSampleId :

PB162393ZHE#02

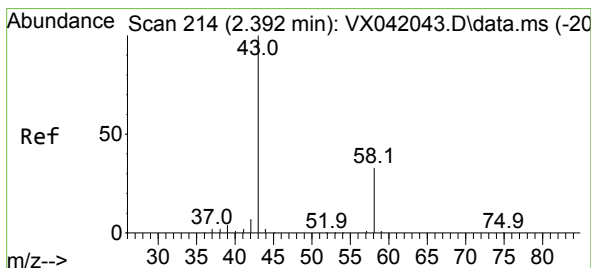
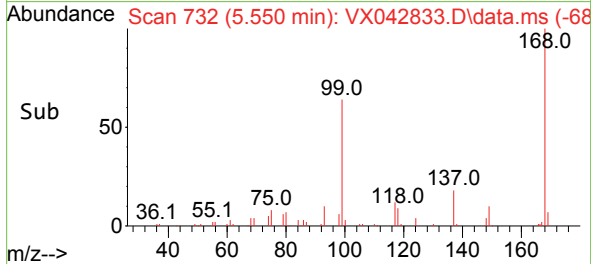
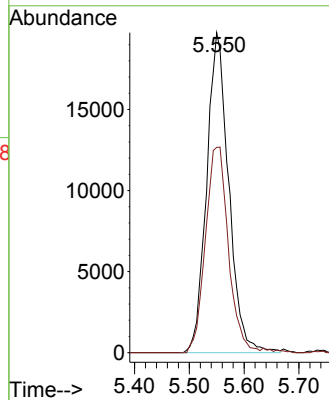


Tgt Ion:168 Resp: 55100

Ion Ratio Lower Upper

168 100

99 64.1 56.6 85.0



#16

Acetone

Concen: 84.432 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX042833.D

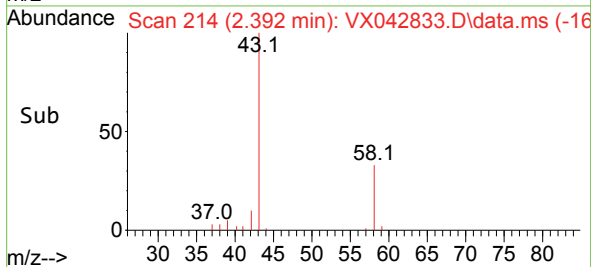
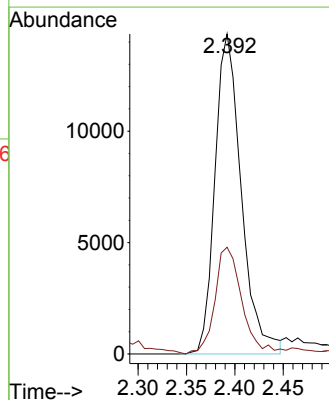
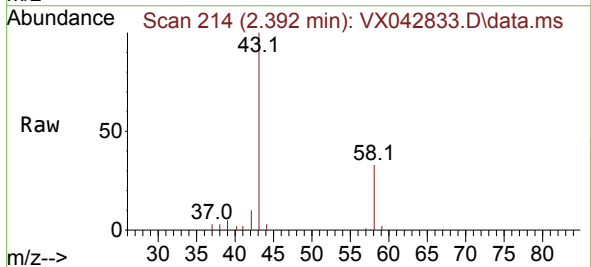
Acq: 02 Aug 2024 08:08

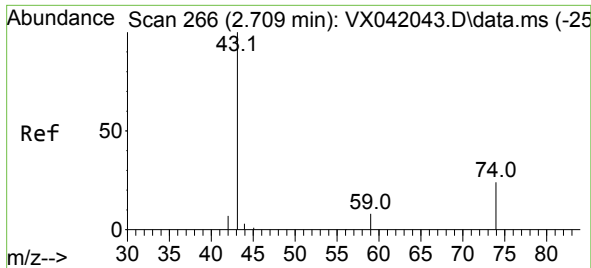
Tgt Ion: 43 Resp: 27140

Ion Ratio Lower Upper

43 100

58 32.9 21.9 32.9#

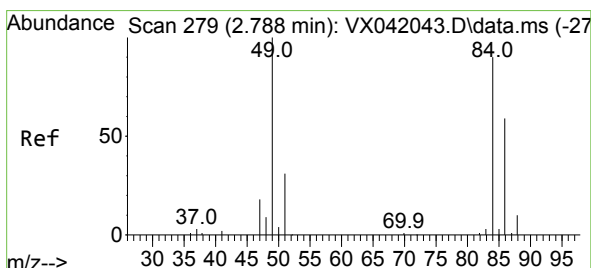
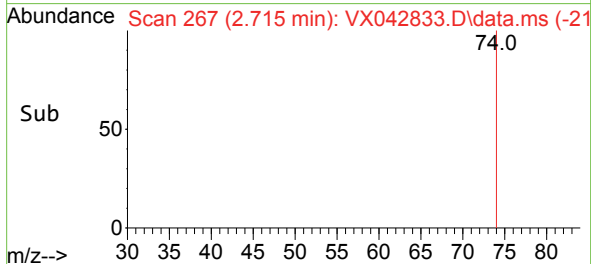
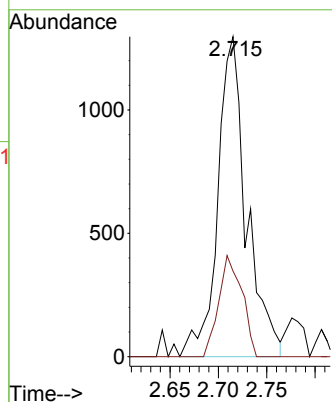
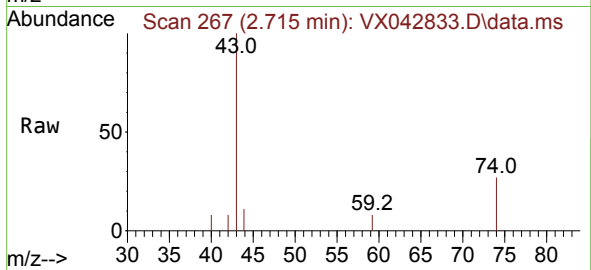




#18
Methyl Acetate
Concen: 3.308 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX042833.D
Acq: 02 Aug 2024 08:08

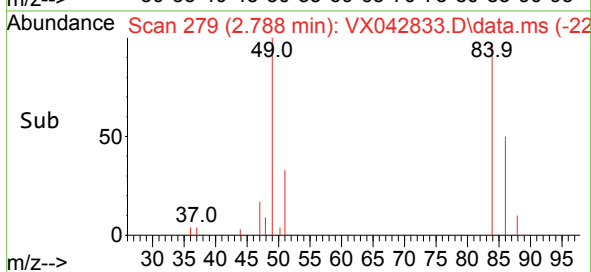
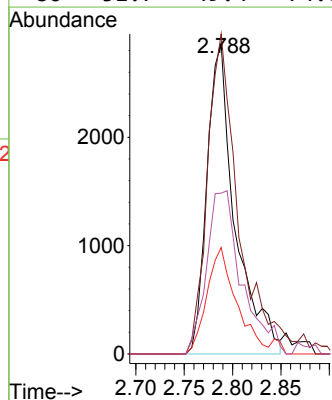
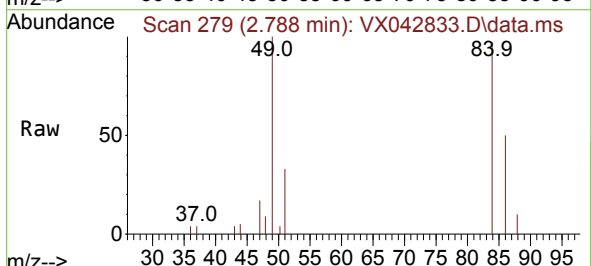
Instrument :
MSVOA_X
ClientSampleId :
PB162393ZHE#02

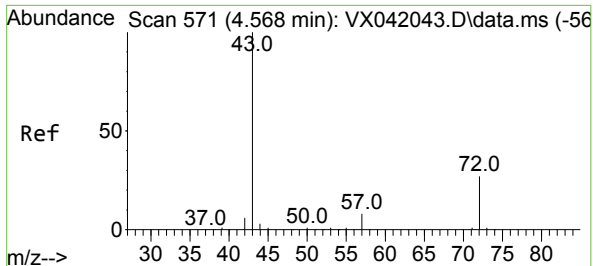
Tgt Ion: 43 Resp: 2669
Ion Ratio Lower Upper
43 100
74 25.7 17.8 26.8



#20
Methylene Chloride
Concen: 7.207 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX042833.D
Acq: 02 Aug 2024 08:08

Tgt Ion: 84 Resp: 5842
Ion Ratio Lower Upper
84 100
49 103.0 103.6 155.4#
51 34.2 33.8 50.6
86 51.7 49.4 74.0





#25

2-Butanone

Concen: 6.621 ug/l

RT: 4.587 min Scan# 51

Delta R.T. 0.013 min

Lab File: VX042833.D

Acq: 02 Aug 2024 08:08

Instrument :

MSVOA_X

ClientSampleId :

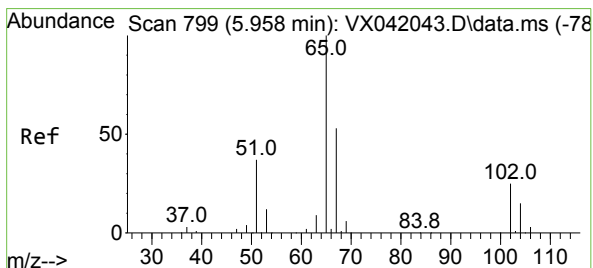
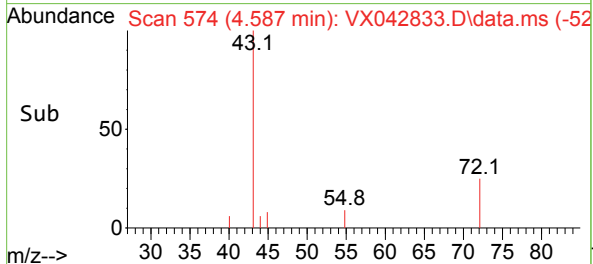
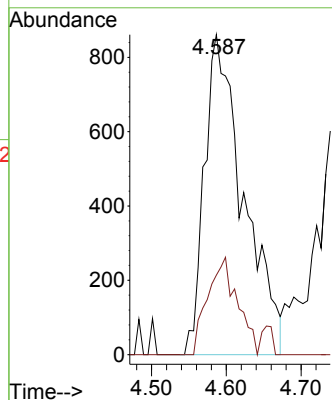
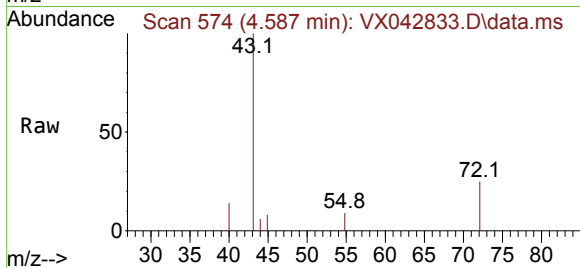
PB162393ZHE#02

Tgt Ion: 43 Resp: 3127

Ion Ratio Lower Upper

43 100

72 24.9 19.4 29.2



#33

1,2-Dichloroethane-d4

Concen: 59.789 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX042833.D

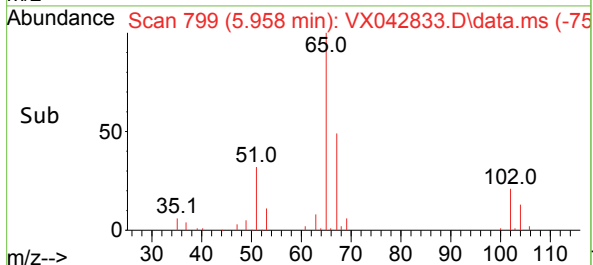
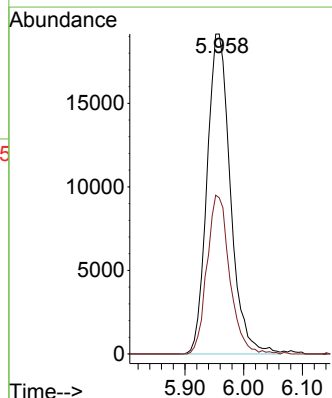
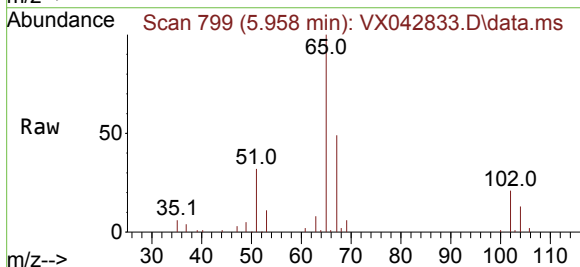
Acq: 02 Aug 2024 08:08

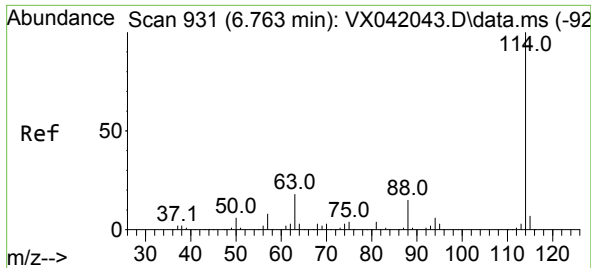
Tgt Ion: 65 Resp: 52927

Ion Ratio Lower Upper

65 100

67 48.2 0.0 100.2

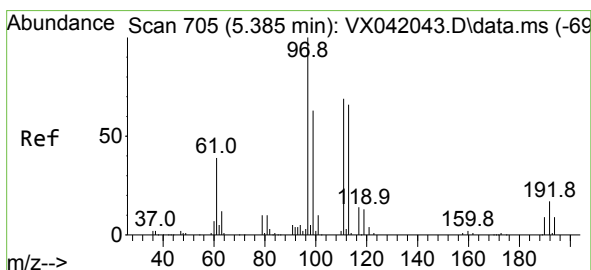
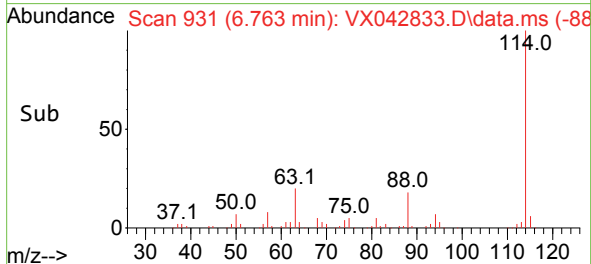
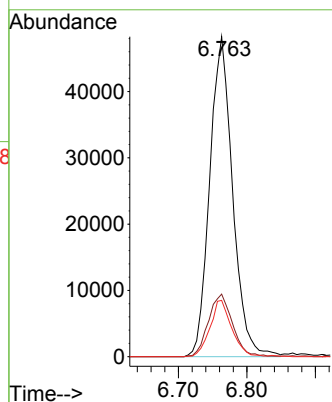
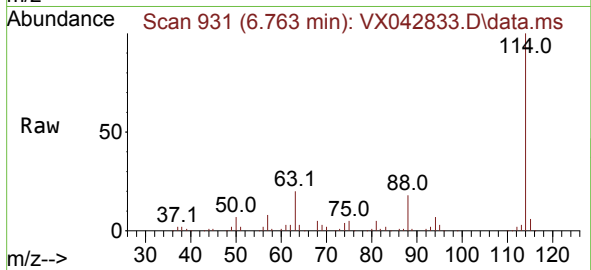




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX042833.D
Acq: 02 Aug 2024 08:08

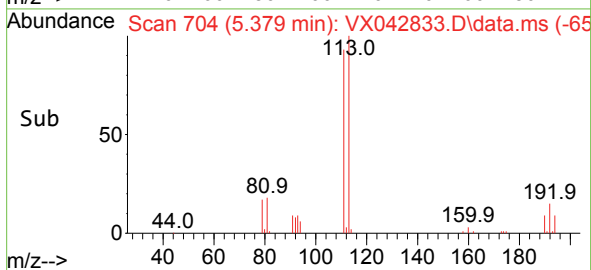
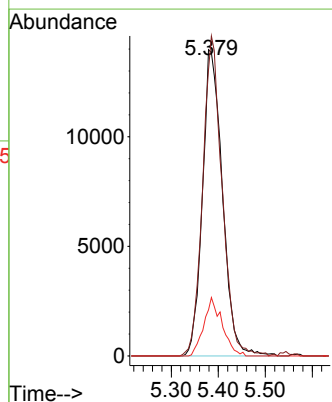
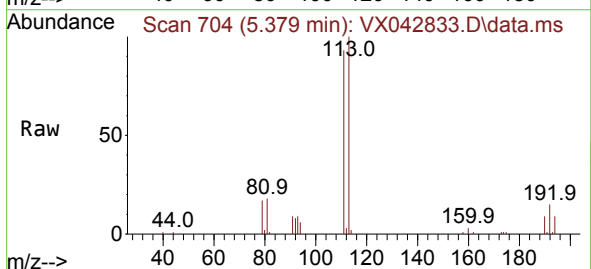
Instrument :
MSVOA_X
ClientSampleId :
PB162393ZHE#02

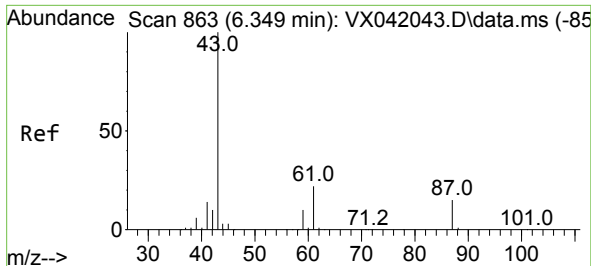
Tgt Ion:114 Resp: 112387
Ion Ratio Lower Upper
114 100
63 19.5 0.0 45.0
88 17.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 53.125 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.012 min
Lab File: VX042833.D
Acq: 02 Aug 2024 08:08

Tgt Ion:113 Resp: 41245
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 17.6 13.3 19.9

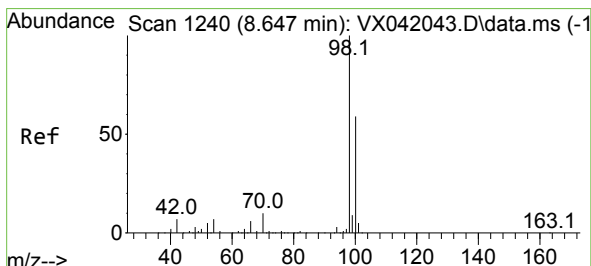
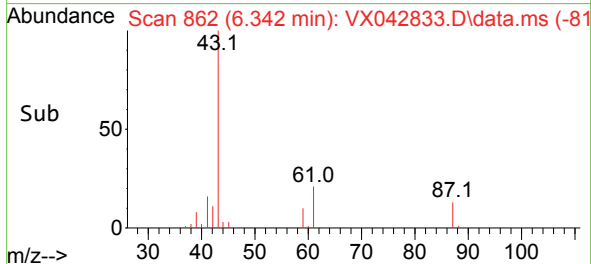
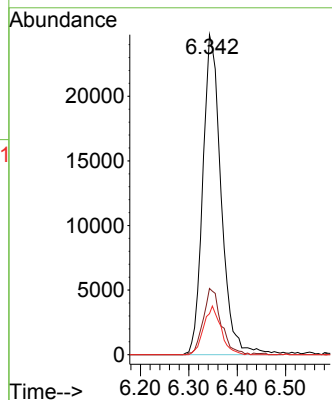
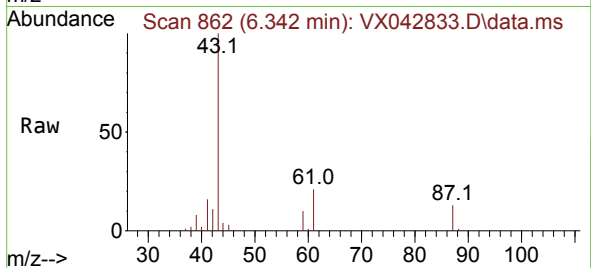




#43
Isopropyl Acetate
Concen: 40.672 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX042833.D
Acq: 02 Aug 2024 08:08

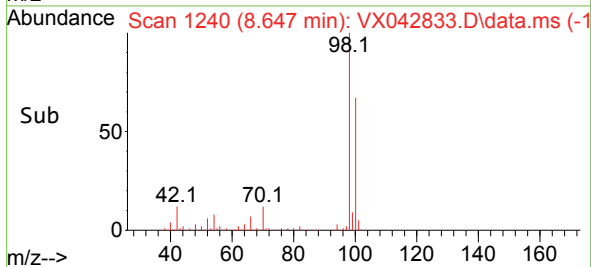
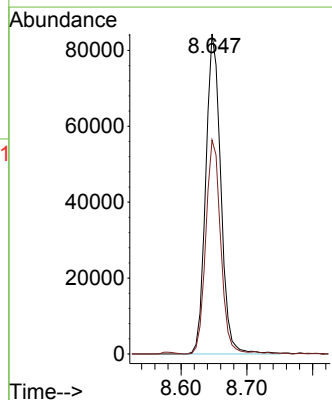
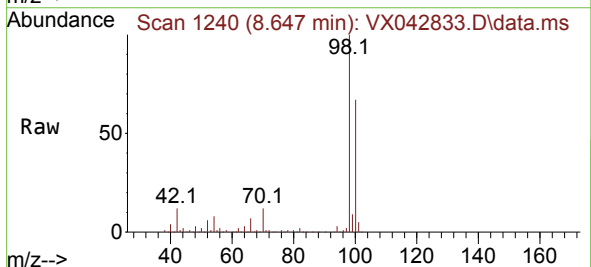
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PB162393ZHE#02

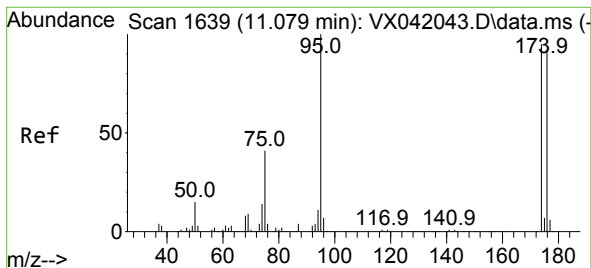
Tgt Ion: 43 Resp: 65384
Ion Ratio Lower Upper
43 100
61 20.1 15.2 22.8
87 14.4 9.8 14.6



#50
Toluene-d8
Concen: 47.633 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042833.D
Acq: 02 Aug 2024 08:08

Tgt Ion: 98 Resp: 134233
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7

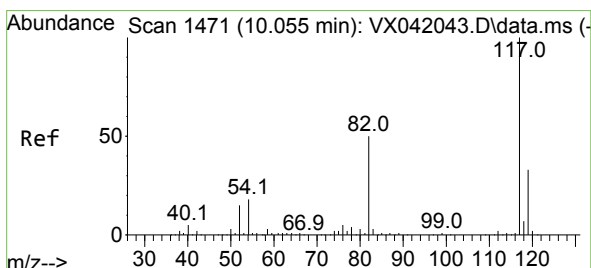
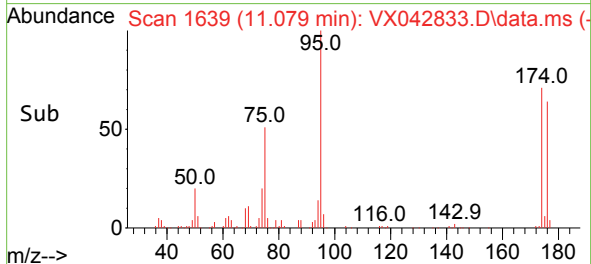
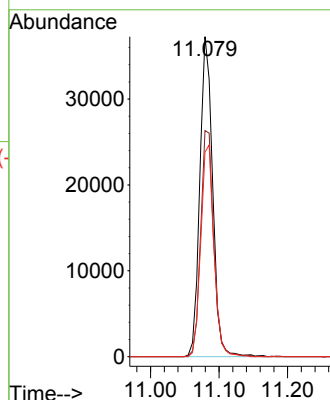
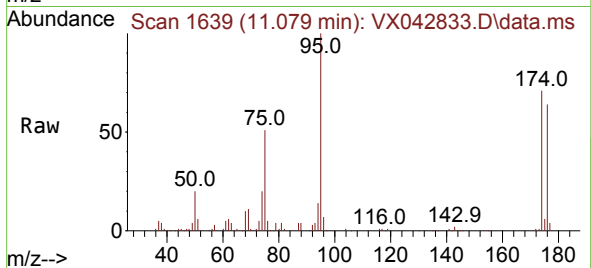




#62
4-Bromofluorobenzene
Concen: 47.147 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042833.D
Acq: 02 Aug 2024 08:08

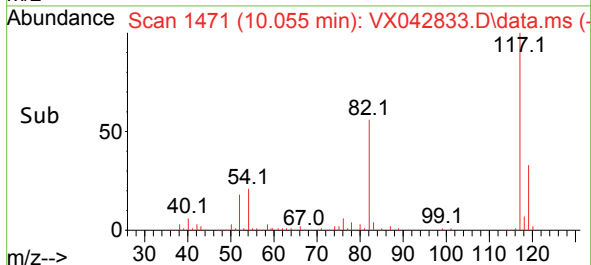
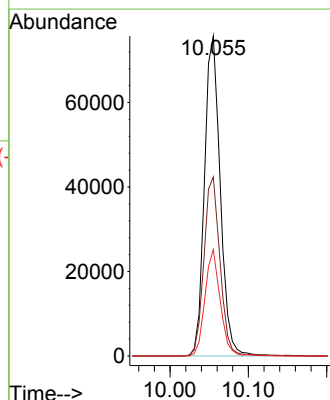
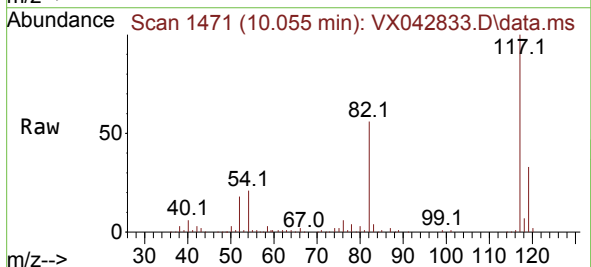
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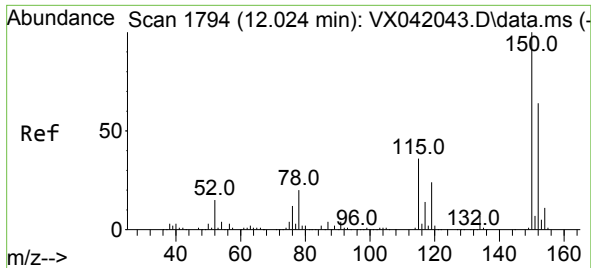
Tgt Ion: 95 Resp: 48554
Ion Ratio Lower Upper
95 100
174 72.2 0.0 135.6
176 67.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042833.D
Acq: 02 Aug 2024 08:08

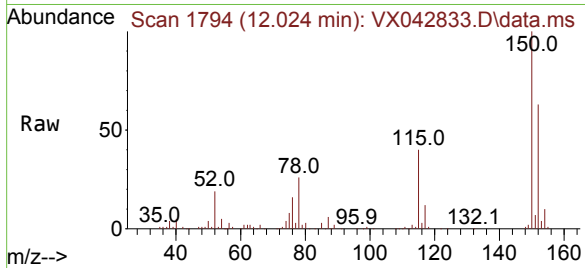
Tgt Ion: 117 Resp: 105834
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 33.3 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX042833.D
 Acq: 02 Aug 2024 08:08

Instrument :
 MSVOA_X
 ClientSampleId :
 PB162393ZHE#02



Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.4	43.3	129.9
150	155.1	0.0	345.0

