

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071024\
 Data File : VX042267.D
 Acq On : 10 Jul 2024 15:10
 Operator : JC/MD
 Sample : PB161974ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB161974ZHE#08

Quant Time: Jul 11 00:57:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

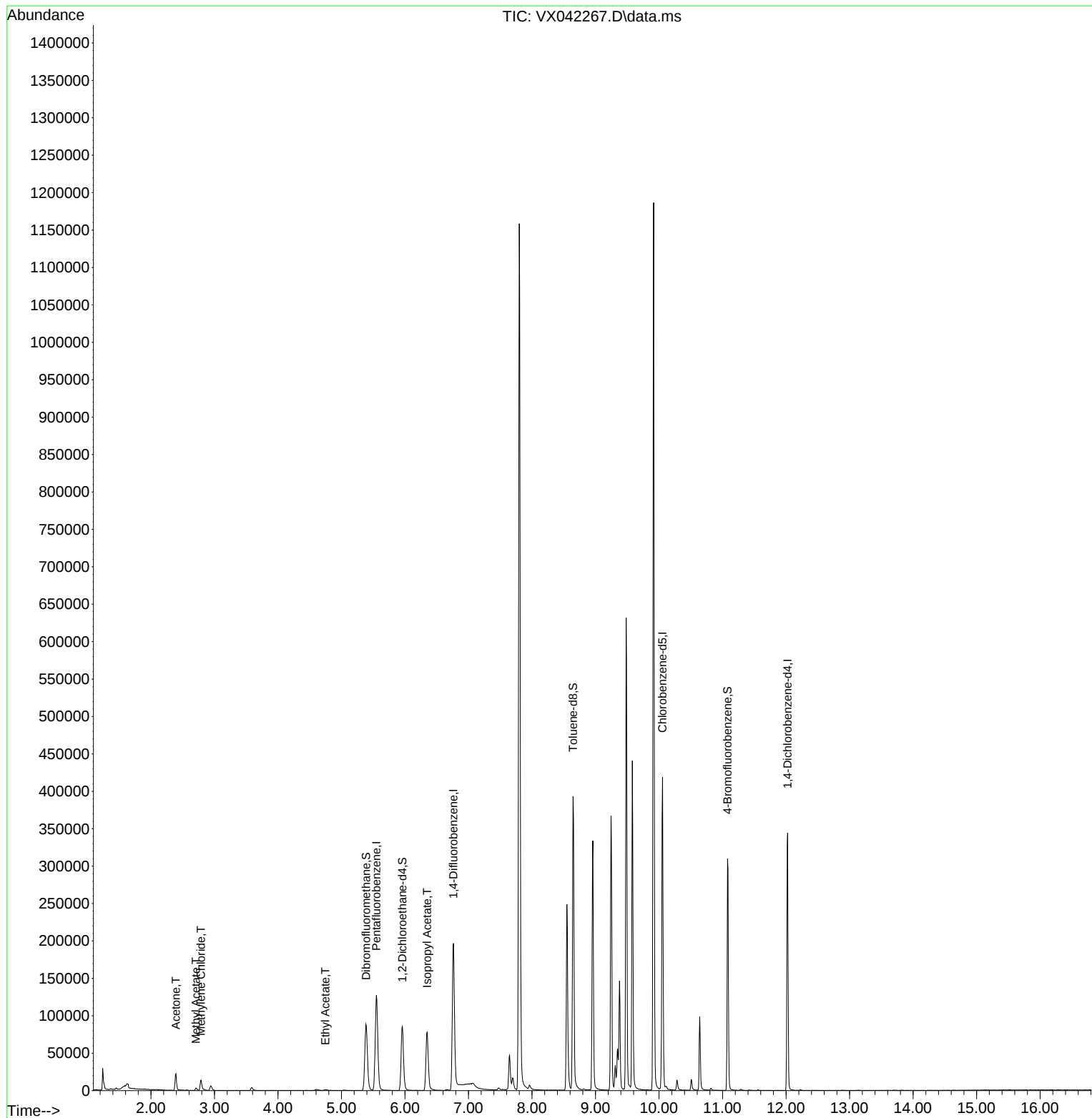
Internal Standards						
1) Pentafluorobenzene	5.550	168	139022	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	223854	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82341	51.364	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.720%
35) Dibromofluoromethane	5.385	113	78422	49.373	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.740%
50) Toluene-d8	8.647	98	244527	43.822	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.640%#
62) 4-Bromofluorobenzene	11.079	95	83866	40.773	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	81.540%#
Target Compounds						
						Qvalue
16) Acetone	2.392	43	25059	35.599	ug/l	93
18) Methyl Acetate	2.709	43	4649	2.421	ug/l	98
20) Methylene Chloride	2.788	84	8231	5.340	ug/l #	86
37) Ethyl Acetate	4.745	43	3106	1.414	ug/l #	82
43) Isopropyl Acetate	6.348	43	110104	32.647	ug/l #	93

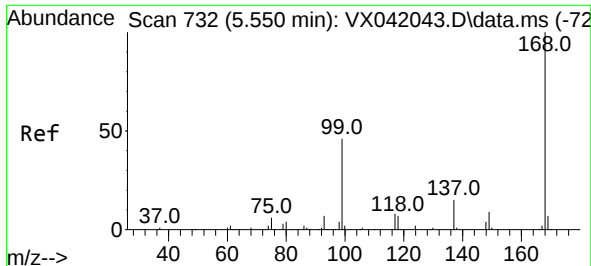
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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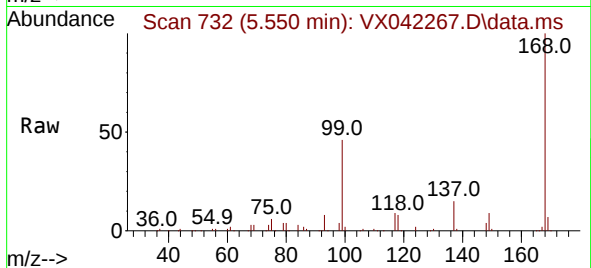
Quant Time: Jul 11 00:57:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
Response via : Initial Calibration



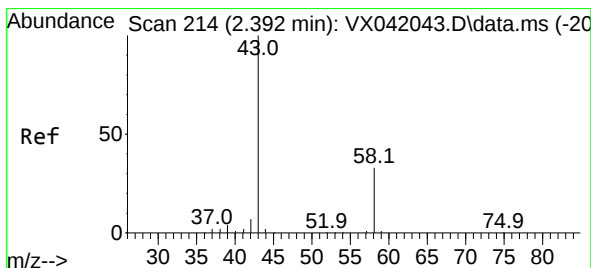
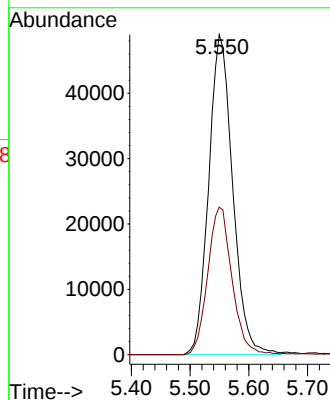
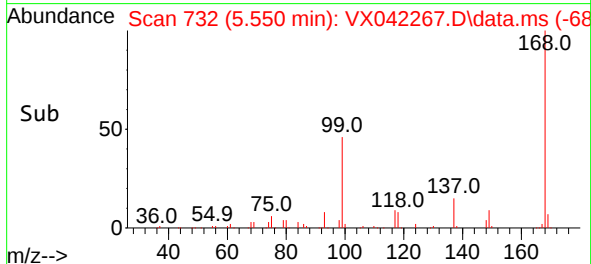


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX042267.D
Acq: 10 Jul 2024 15:10

Instrument :
MSVOA_X
ClientSampleId :
PB161974ZHE#08

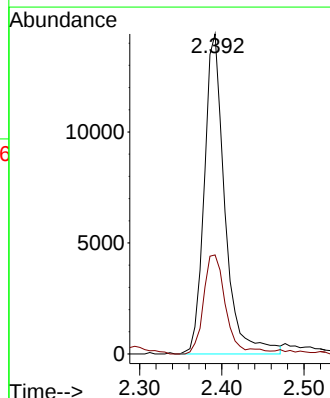
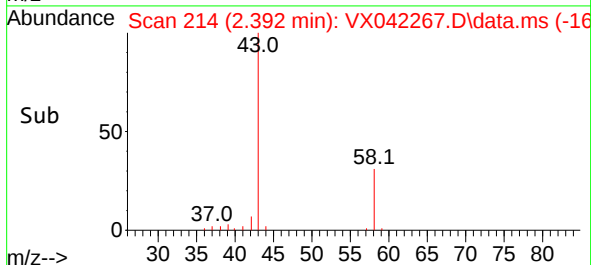
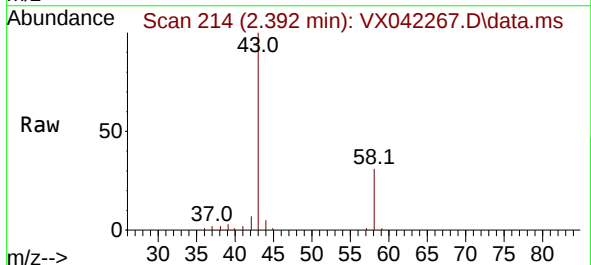


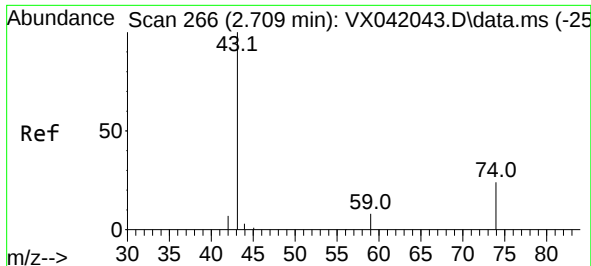
Tgt Ion:168 Resp: 139022
Ion Ratio Lower Upper
168 100
99 46.1 56.6 85.0#



#16
Acetone
Concen: 35.599 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042267.D
Acq: 10 Jul 2024 15:10

Tgt Ion: 43 Resp: 25059
Ion Ratio Lower Upper
43 100
58 30.9 21.9 32.9

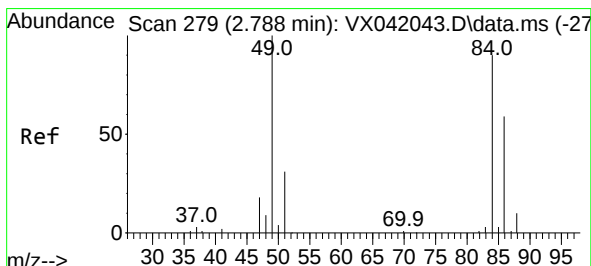
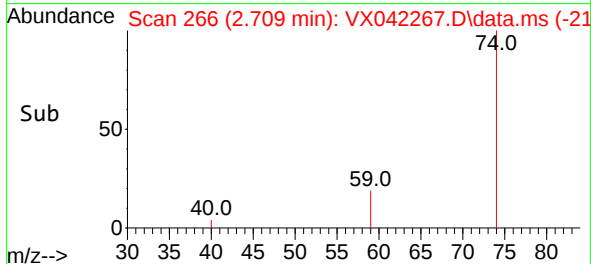
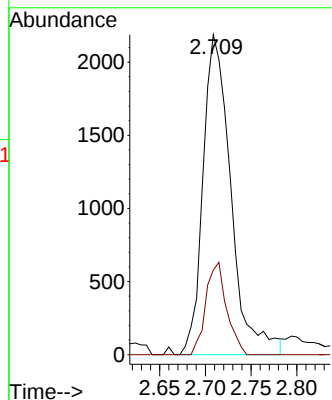
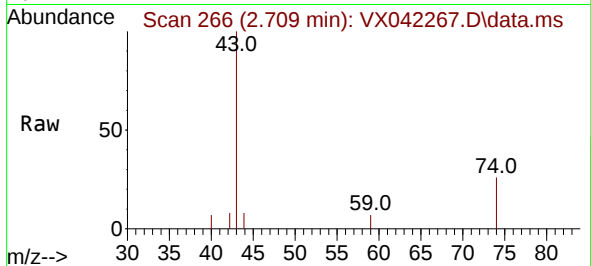




#18
Methyl Acetate
Concen: 2.421 ug/l
RT: 2.709 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX042267.D
Acq: 10 Jul 2024 15:10

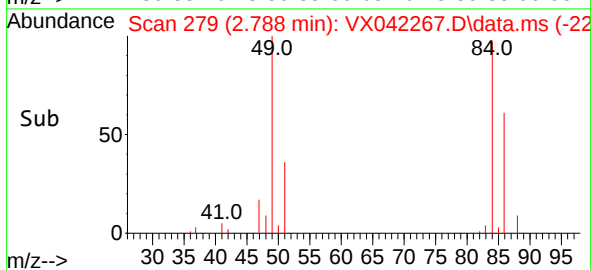
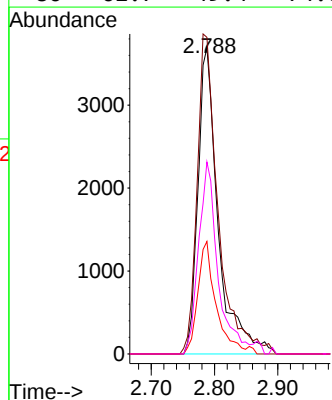
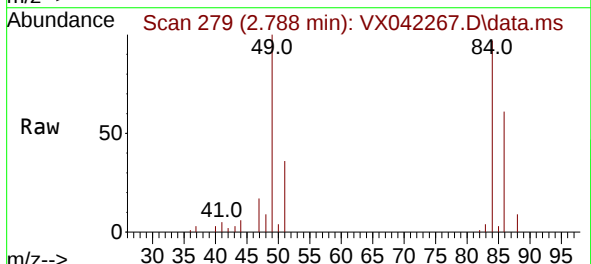
Instrument :
MSVOA_X
ClientSampleId :
PB161974ZHE#08

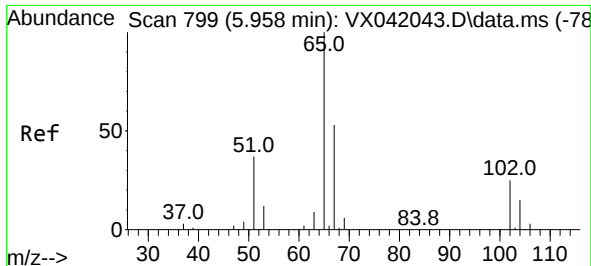
Tgt Ion: 43 Resp: 4649
Ion Ratio Lower Upper
43 100
74 21.4 17.8 26.8



#20
Methylene Chloride
Concen: 5.340 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX042267.D
Acq: 10 Jul 2024 15:10

Tgt Ion: 84 Resp: 8231
Ion Ratio Lower Upper
84 100
49 103.4 103.6 155.4#
51 36.7 33.8 50.6
86 62.7 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 51.364 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX042267.D

Acq: 10 Jul 2024 15:10

Instrument :

MSVOA_X

ClientSampleId :

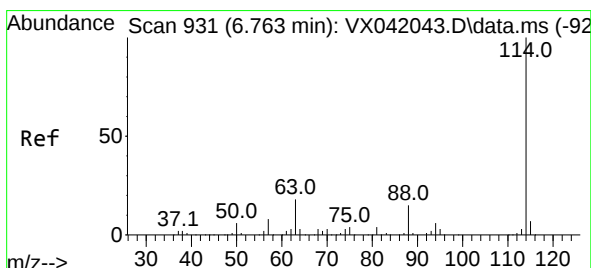
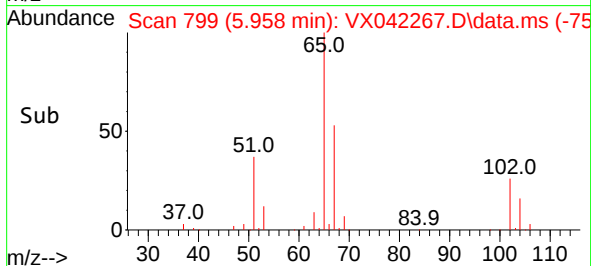
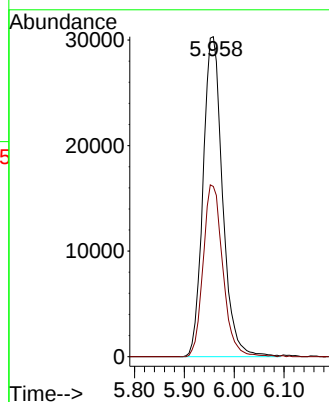
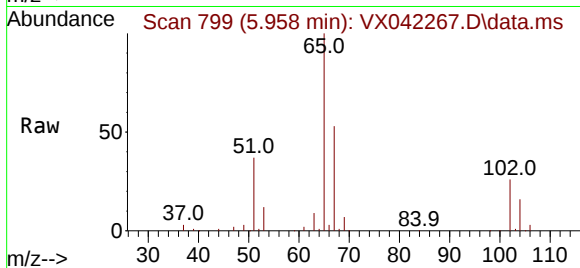
PB161974ZHE#08

Tgt Ion: 65 Resp: 82341

Ion Ratio Lower Upper

65 100

67 54.1 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: VX042267.D

Acq: 10 Jul 2024 15:10

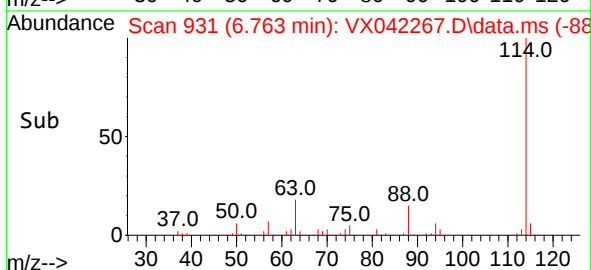
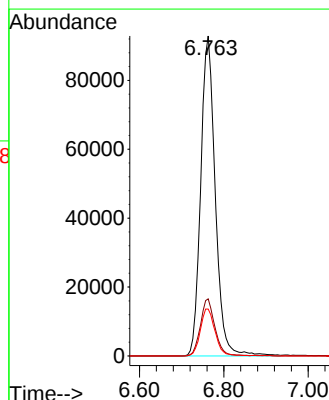
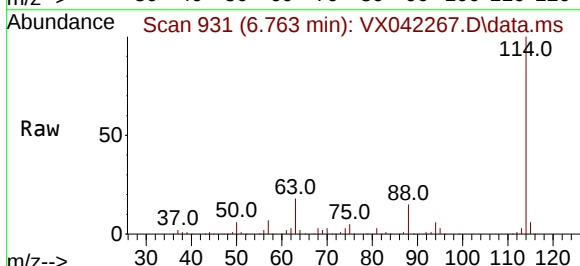
Tgt Ion: 114 Resp: 223854

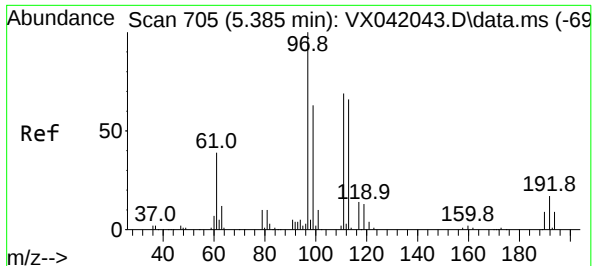
Ion Ratio Lower Upper

114 100

63 17.9 0.0 45.0

88 14.7 0.0 36.6

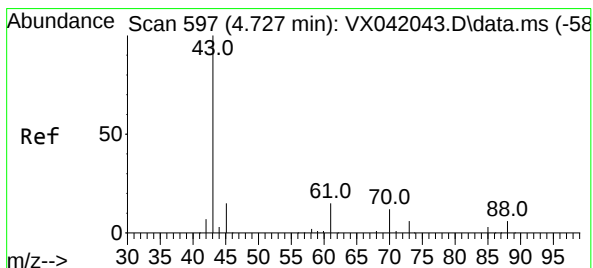
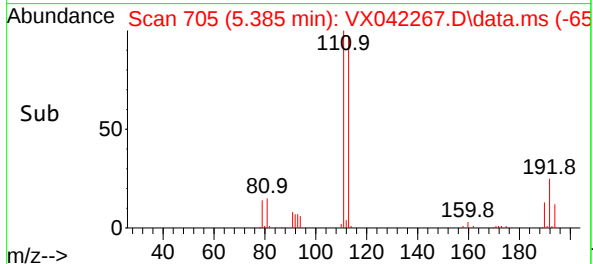
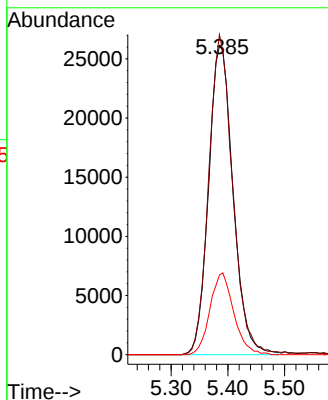
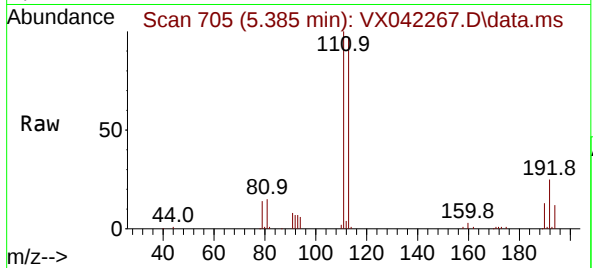




#35
Dibromofluoromethane
Concen: 49.373 ug/l
RT: 5.385 min Scan# 70
Delta R.T. -0.006 min
Lab File: VX042267.D
Acq: 10 Jul 2024 15:10

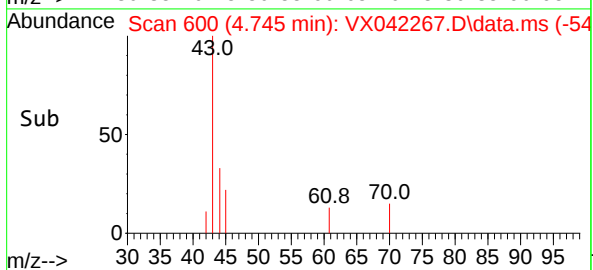
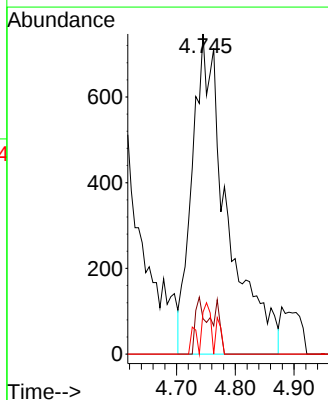
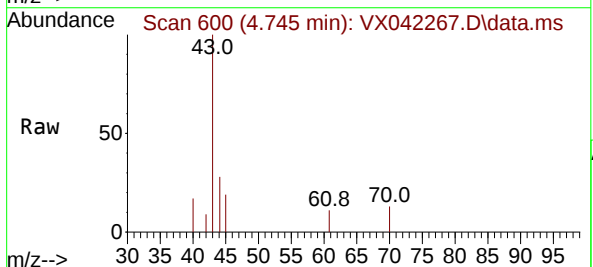
Instrument :
MSVOA_X
ClientSampleId :
PB161974ZHE#08

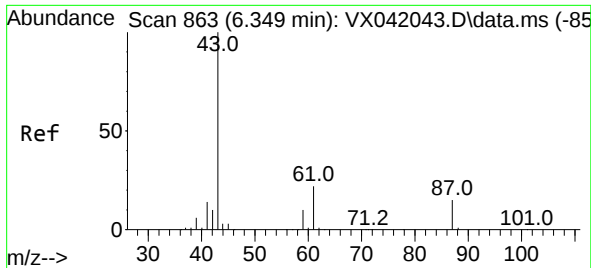
Tgt Ion:113 Resp: 78422
Ion Ratio Lower Upper
113 100
111 101.1 82.9 124.3
192 25.7 13.3 19.9#



#37
Ethyl Acetate
Concen: 1.414 ug/l
RT: 4.745 min Scan# 600
Delta R.T. 0.018 min
Lab File: VX042267.D
Acq: 10 Jul 2024 15:10

Tgt Ion: 43 Resp: 3106
Ion Ratio Lower Upper
43 100
61 4.6 10.6 16.0#
70 5.1 8.3 12.5#

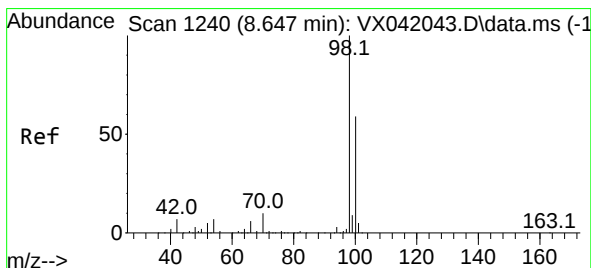
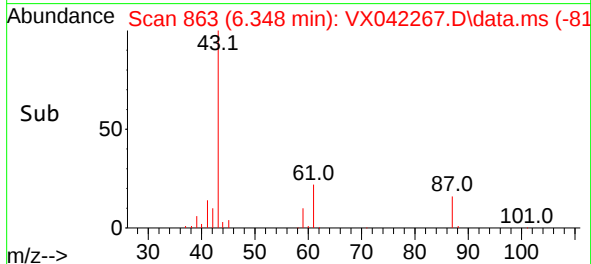
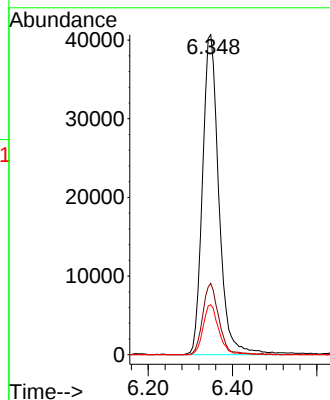
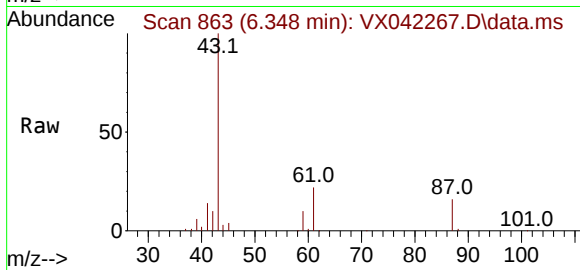




#43
Isopropyl Acetate
Concen: 32.647 ug/l
RT: 6.348 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX042267.D
Acq: 10 Jul 2024 15:10

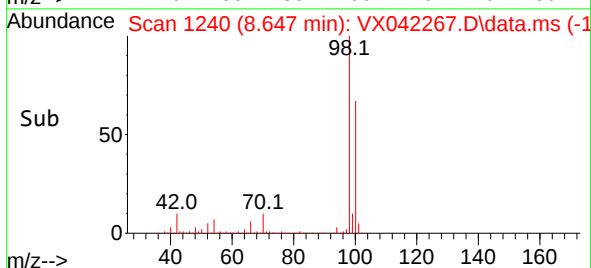
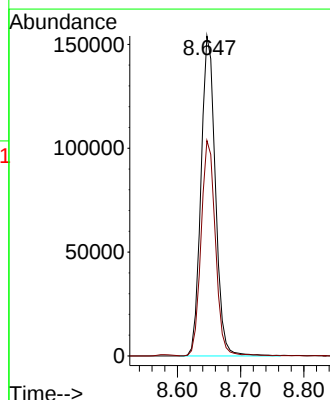
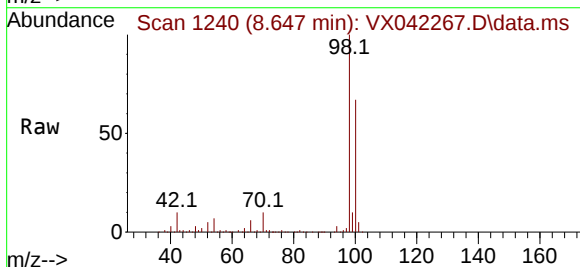
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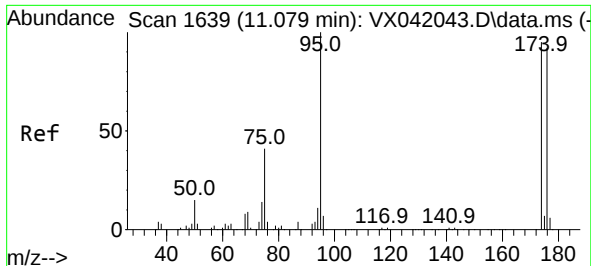
Tgt Ion: 43 Resp: 110104
Ion Ratio Lower Upper
43 100
61 21.9 15.2 22.8
87 15.0 9.8 14.6#



#50
Toluene-d8
Concen: 43.822 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042267.D
Acq: 10 Jul 2024 15:10

Tgt Ion: 98 Resp: 244527
Ion Ratio Lower Upper
98 100
100 67.1 53.1 79.7

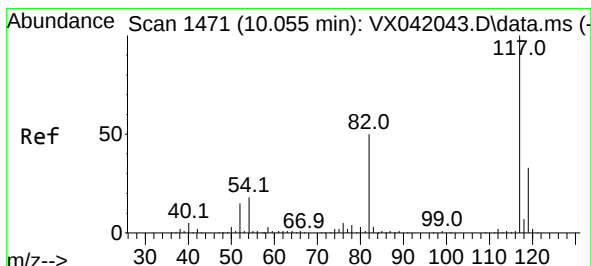
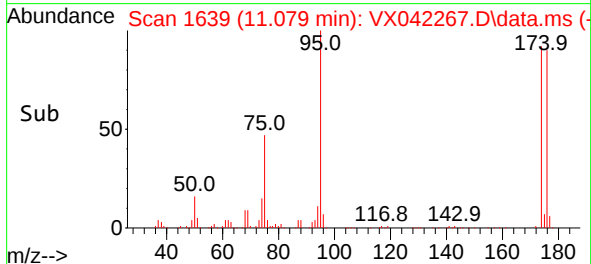
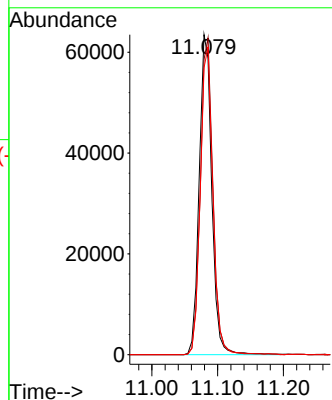
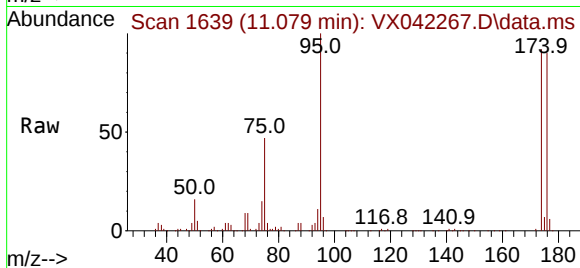




#62
4-Bromofluorobenzene
Concen: 40.773 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042267.D
Acq: 10 Jul 2024 15:10

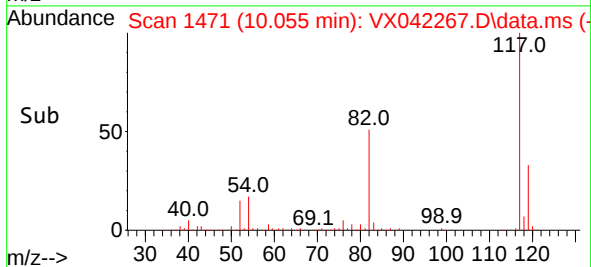
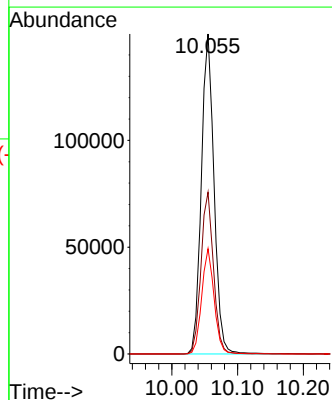
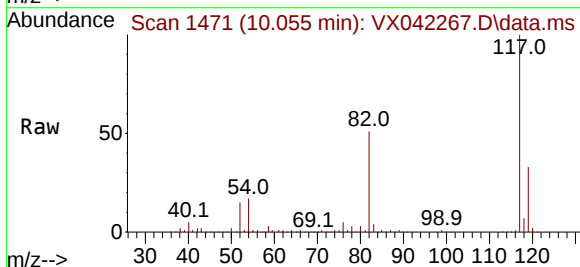
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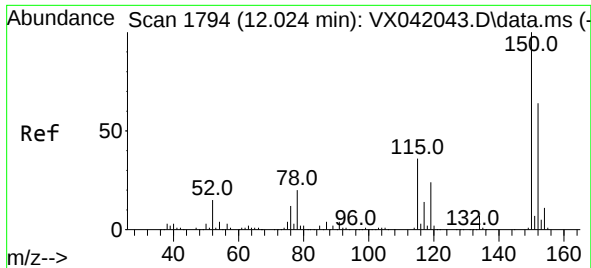
Tgt Ion: 95 Resp: 83866
Ion Ratio Lower Upper
95 100
174 99.4 0.0 135.6
176 96.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042267.D
Acq: 10 Jul 2024 15:10

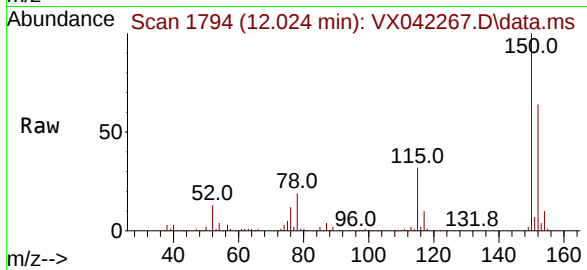
Tgt Ion: 117 Resp: 200756
Ion Ratio Lower Upper
117 100
82 50.6 46.2 69.4
119 32.9 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX042267.D
 Acq: 10 Jul 2024 15:10

Instrument :
 MSVOA_X
 ClientSampleId :
 PB161974ZHE#08



Tgt Ion:152 Resp: 85369
 Ion Ratio Lower Upper
 152 100
 115 52.4 43.3 129.9
 150 154.6 0.0 345.0

