

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100424\
 Data File : VX043290.D
 Acq On : 04 Oct 2024 15:38
 Operator : JC/MD
 Sample : P4290-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IB-4

Quant Time: Oct 05 02:53:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

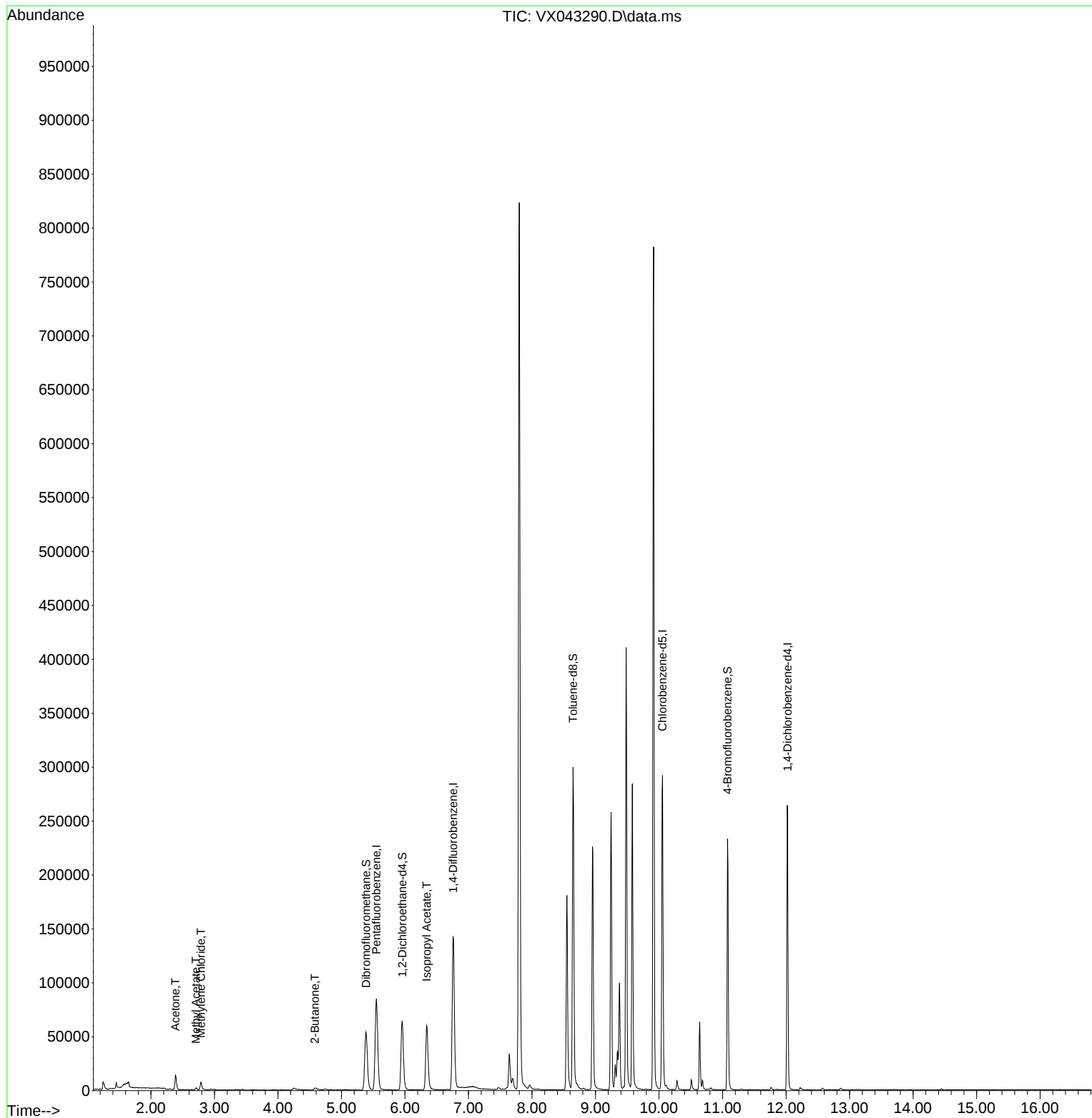
Internal Standards						
1) Pentafluorobenzene	5.550	168	76565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	147275	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66940	53.534	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.060%
35) Dibromofluoromethane	5.385	113	47823	47.085	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.180%
50) Toluene-d8	8.647	98	175446	49.846	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.700%
62) 4-Bromofluorobenzene	11.079	95	62835	49.140	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.280%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	15345	29.386	ug/l	97
18) Methyl Acetate	2.709	43	2505	1.912	ug/l #	88
20) Methylene Chloride	2.788	84	3494	3.629	ug/l	94
25) 2-Butanone	4.580	43	4781	6.677	ug/l	98
43) Isopropyl Acetate	6.342	43	86340	33.924	ug/l	99

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
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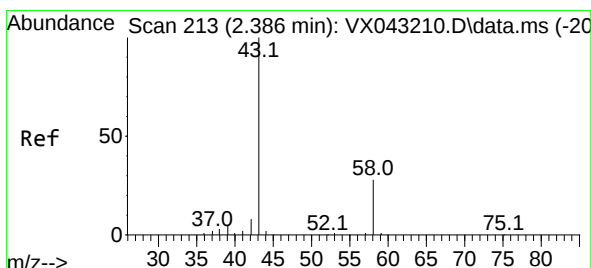
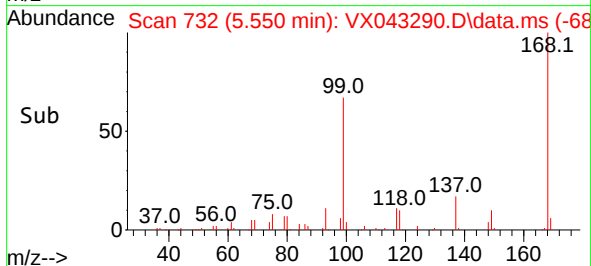
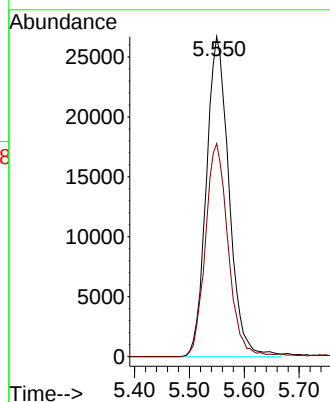
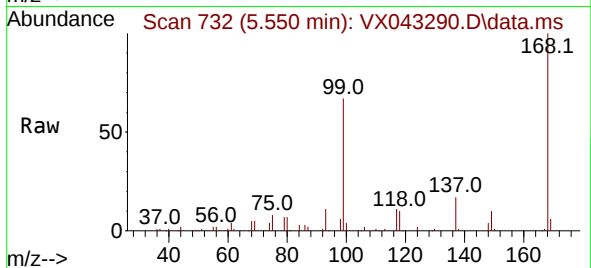




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043290.D
Acq: 04 Oct 2024 15:38

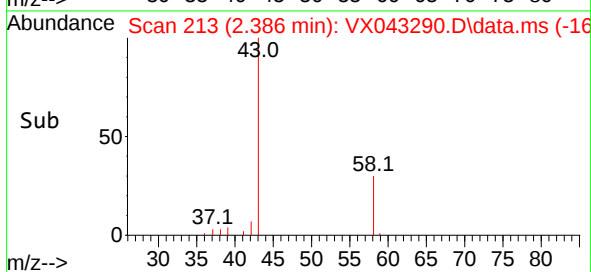
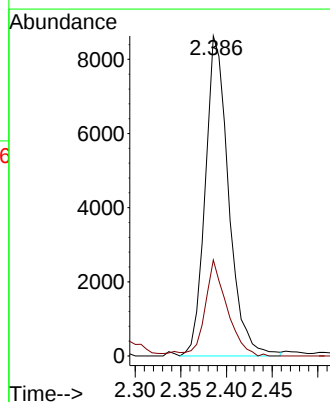
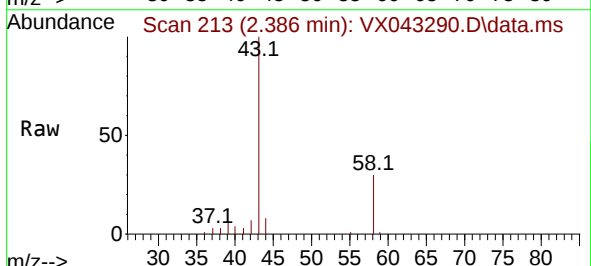
Instrument :
MSVOA_X
ClientSampleId :
IB-4

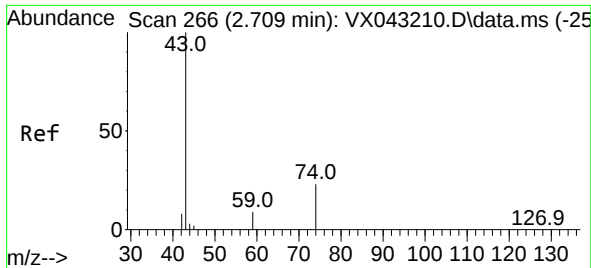
Tgt Ion:168 Resp: 76565
Ion Ratio Lower Upper
168 100
99 66.5 49.7 74.5



#16
Acetone
Concen: 29.386 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043290.D
Acq: 04 Oct 2024 15:38

Tgt Ion: 43 Resp: 15345
Ion Ratio Lower Upper
43 100
58 30.0 22.6 33.8

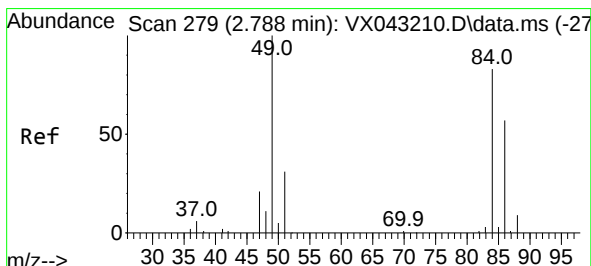
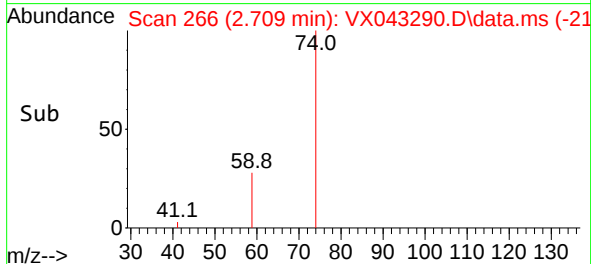
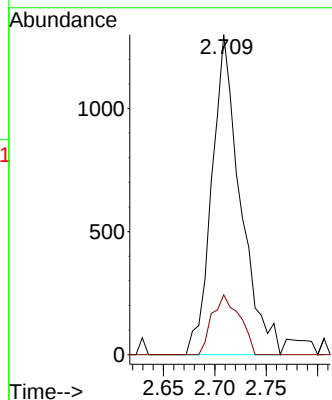
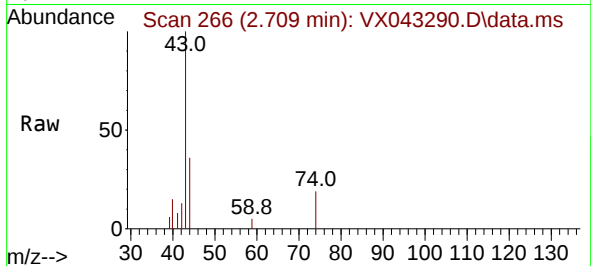




#18
Methyl Acetate
Concen: 1.912 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX043290.D
Acq: 04 Oct 2024 15:38

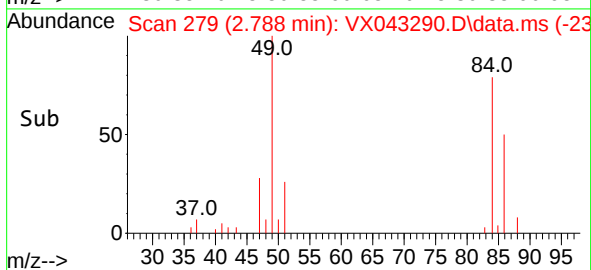
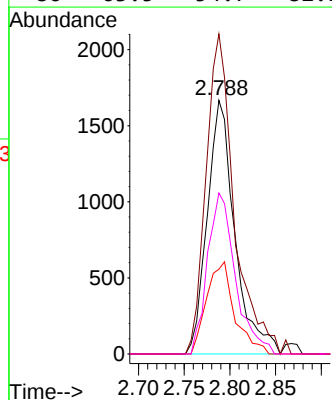
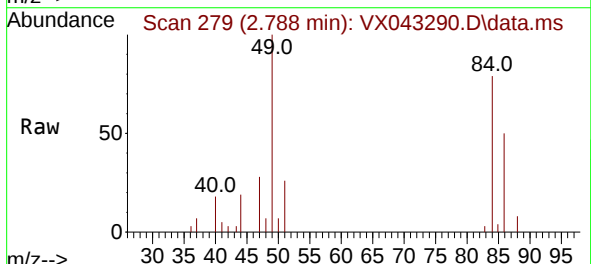
Instrument :
MSVOA_X
ClientSampleId :
IB-4

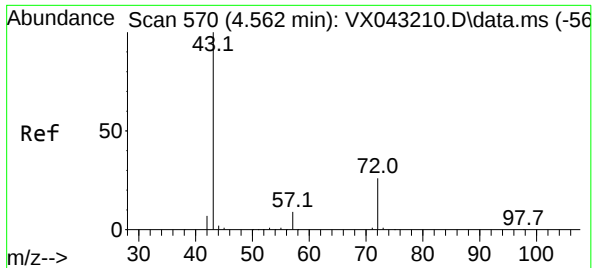
Tgt Ion: 43 Resp: 2505
Ion Ratio Lower Upper
43 100
74 18.0 19.1 28.7#



#20
Methylene Chloride
Concen: 3.629 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX043290.D
Acq: 04 Oct 2024 15:38

Tgt Ion: 84 Resp: 3494
Ion Ratio Lower Upper
84 100
49 126.2 96.7 145.1
51 33.4 30.4 45.6
86 63.5 54.7 82.1





#25

2-Butanone

Concen: 6.677 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX043290.D

Acq: 04 Oct 2024 15:38

Instrument :

MSVOA_X

ClientSampleId :

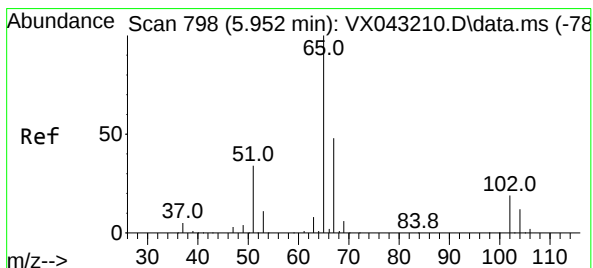
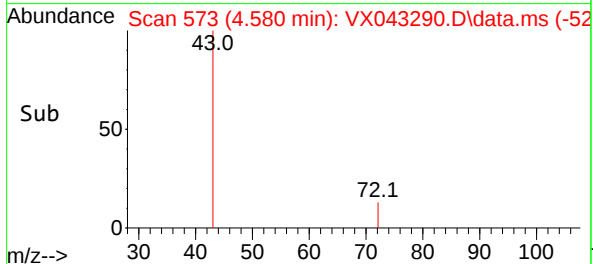
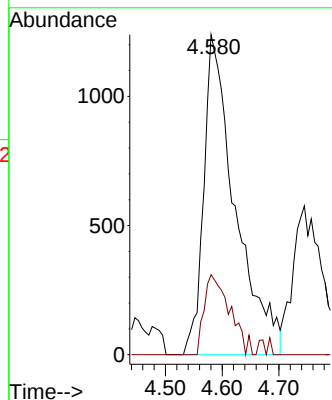
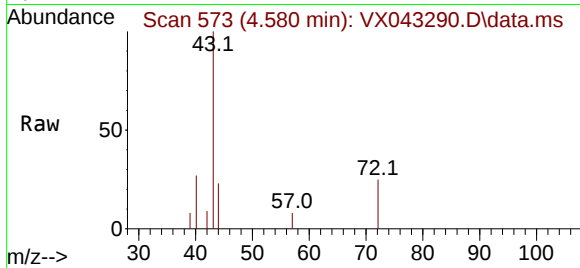
IB-4

Tgt Ion: 43 Resp: 4781

Ion Ratio Lower Upper

43 100

72 25.0 20.6 31.0



#33

1,2-Dichloroethane-d4

Concen: 53.534 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX043290.D

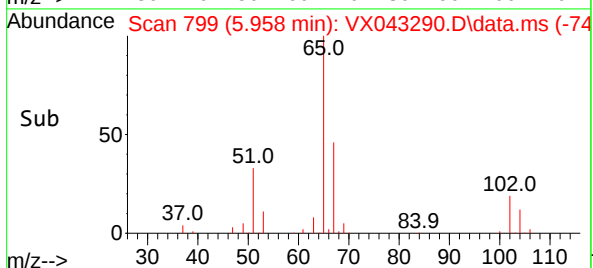
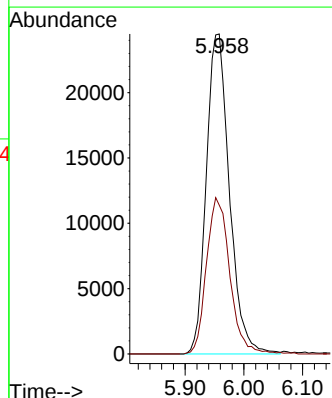
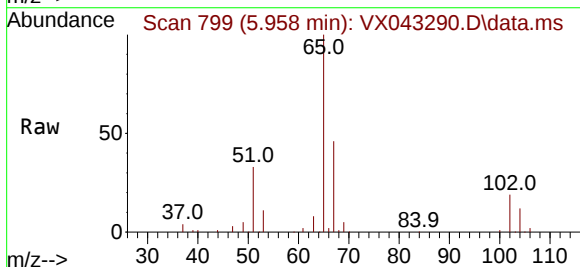
Acq: 04 Oct 2024 15:38

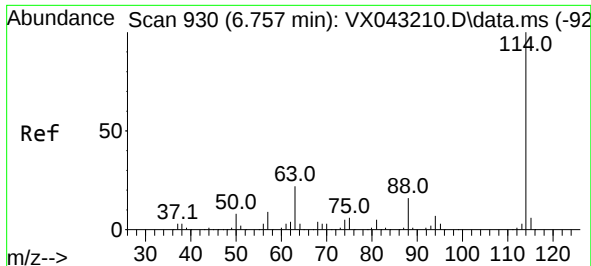
Tgt Ion: 65 Resp: 66940

Ion Ratio Lower Upper

65 100

67 49.5 0.0 99.0



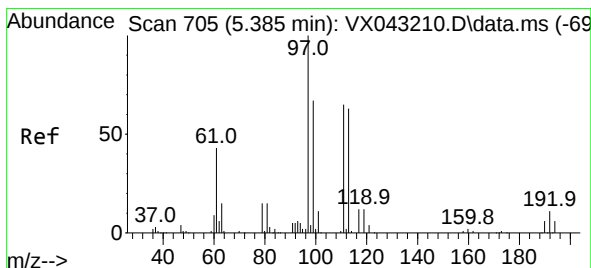
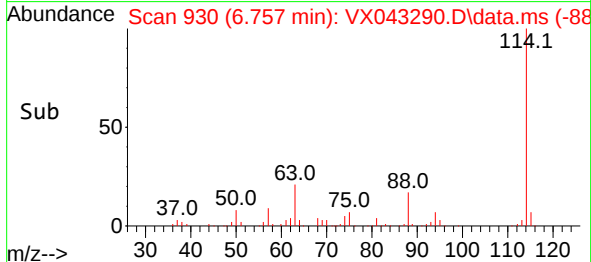
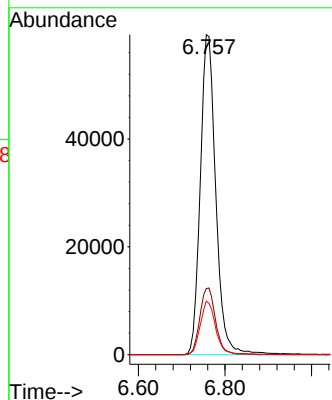
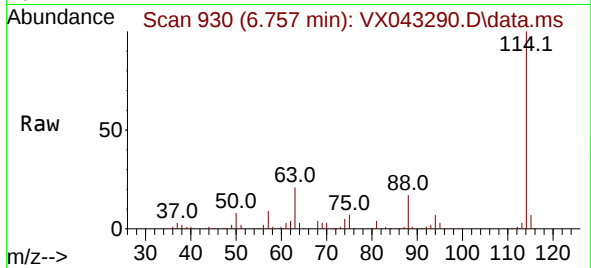


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX043290.D
 Acq: 04 Oct 2024 15:38

Instrument :
 MSVOA_X
 ClientSampleId :
 IB-4

Tgt Ion:114 Resp: 147275

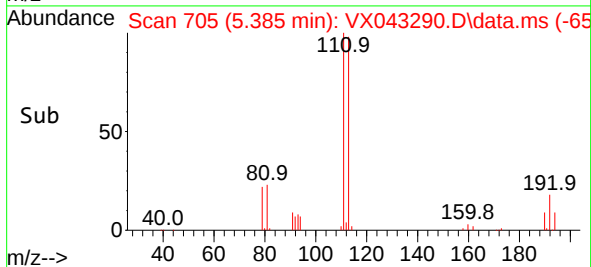
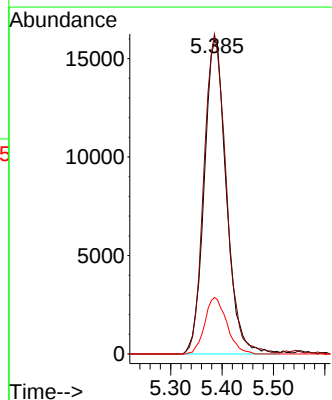
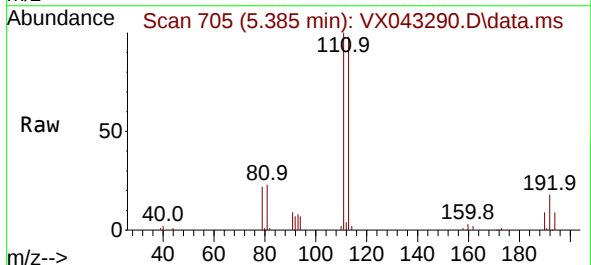
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	43.0
88	16.7	0.0	33.0

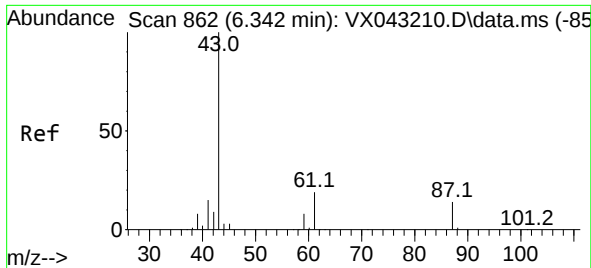


#35
 Dibromofluoromethane
 Concen: 47.085 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. -0.000 min
 Lab File: VX043290.D
 Acq: 04 Oct 2024 15:38

Tgt Ion:113 Resp: 47823

Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.4	125.0
192	17.8	14.1	21.1

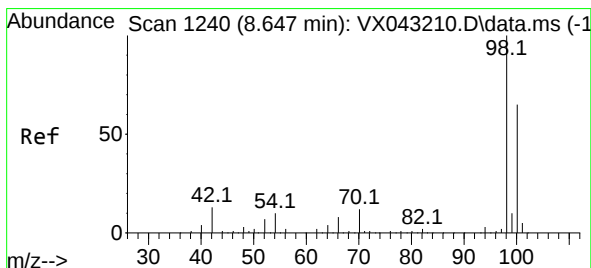
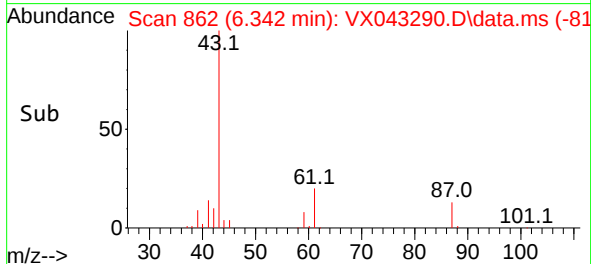
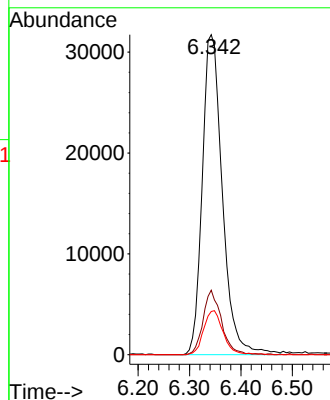
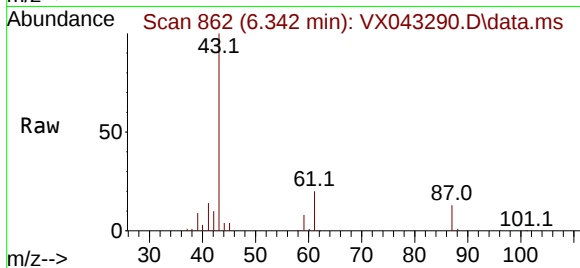




#43
Isopropyl Acetate
Concen: 33.924 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX043290.D
Acq: 04 Oct 2024 15:38

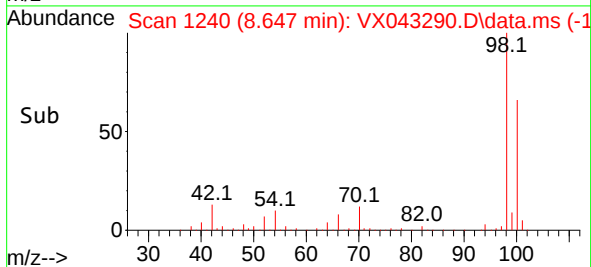
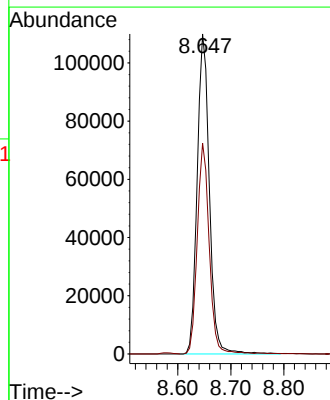
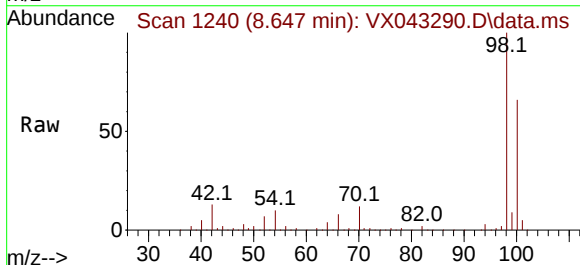
Instrument :
MSVOA_X
ClientSampleId :
IB-4

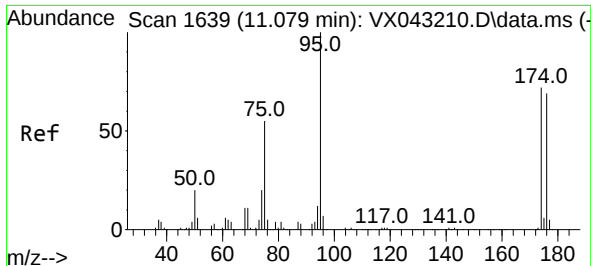
Tgt Ion: 43 Resp: 86340
Ion Ratio Lower Upper
43 100
61 18.4 15.1 22.7
87 13.4 10.8 16.2



#50
Toluene-d8
Concen: 49.846 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043290.D
Acq: 04 Oct 2024 15:38

Tgt Ion: 98 Resp: 175446
Ion Ratio Lower Upper
98 100
100 64.5 52.4 78.6

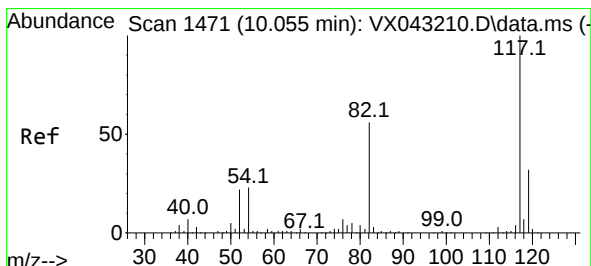
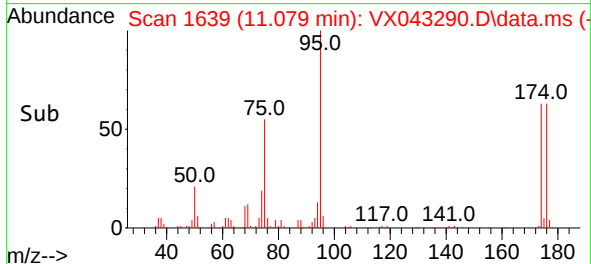
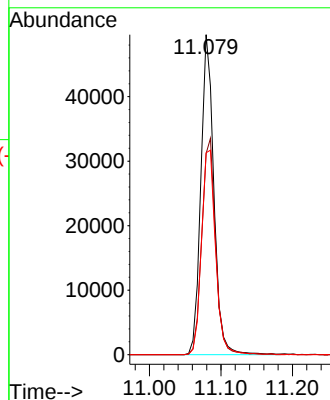
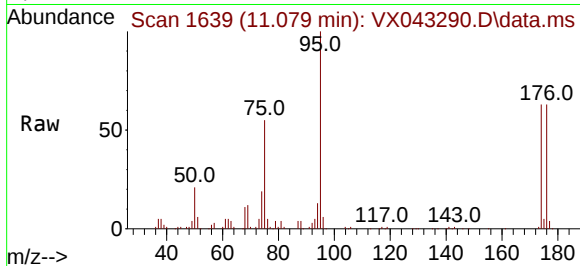




#62
4-Bromofluorobenzene
Concen: 49.140 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043290.D
Acq: 04 Oct 2024 15:38

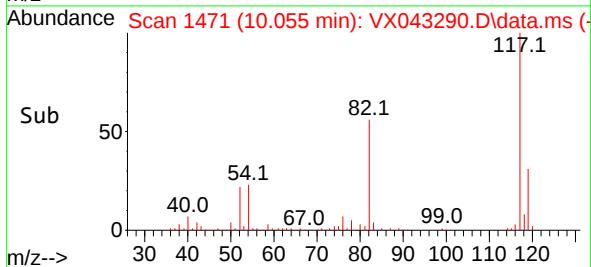
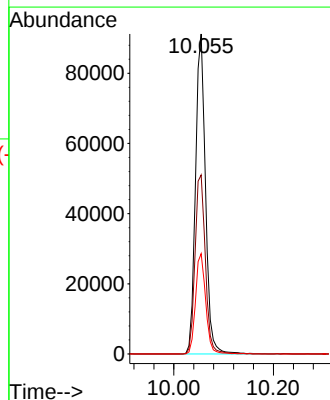
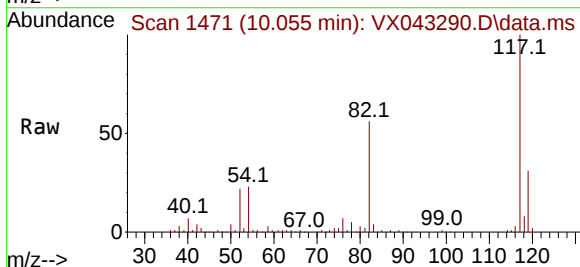
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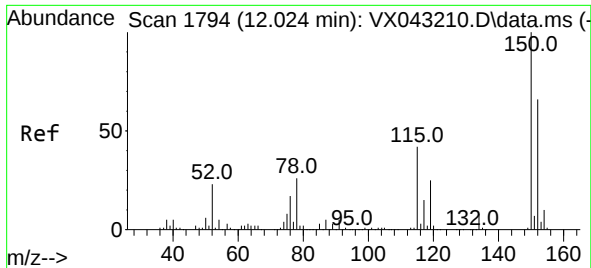
Tgt Ion: 95 Resp: 62835
Ion Ratio Lower Upper
95 100
174 71.4 0.0 145.0
176 69.3 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043290.D
Acq: 04 Oct 2024 15:38

Tgt Ion: 117 Resp: 126782
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.6
119 31.4 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX043290.D

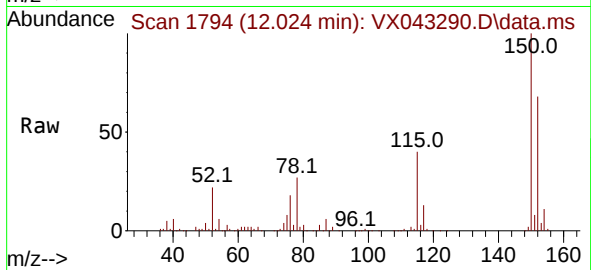
Acq: 04 Oct 2024 15:38

Instrument :

MSVOA_X

ClientSampleId :

IB-4



Tgt Ion:152 Resp: 54413

Ion Ratio Lower Upper

152 100

115 62.2 44.1 132.3

150 155.2 0.0 347.4

