

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101524\
 Data File : VX043396.D
 Acq On : 15 Oct 2024 11:37
 Operator : JC/MD
 Sample : PB164097ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB164097ZHE#02

Quant Time: Oct 16 01:52:59 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)

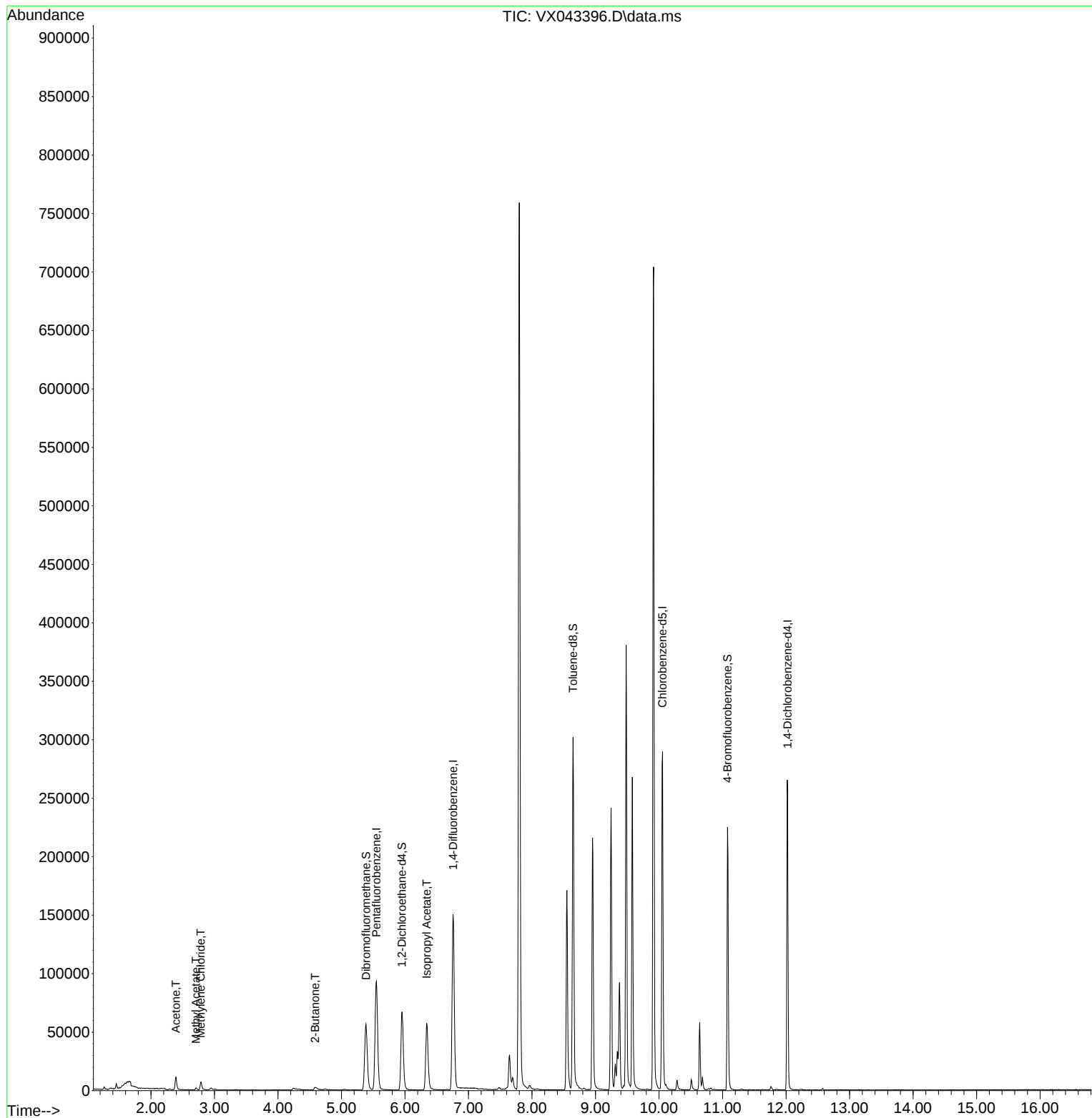
Internal Standards						
1) Pentafluorobenzene	5.550	168	83928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	153261	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68522	49.992	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.980%
35) Dibromofluoromethane	5.385	113	49146	46.498	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.000%
50) Toluene-d8	8.647	98	177454	48.447	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.900%
62) 4-Bromofluorobenzene	11.079	95	62998	47.343	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.680%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	13138	22.952	ug/l	97
18) Methyl Acetate	2.709	43	2301	1.602	ug/l	97
20) Methylene Chloride	2.782	84	3452	3.271	ug/l	89
25) 2-Butanone	4.586	43	5120	6.524	ug/l	100
43) Isopropyl Acetate	6.342	43	81755	30.868	ug/l	99

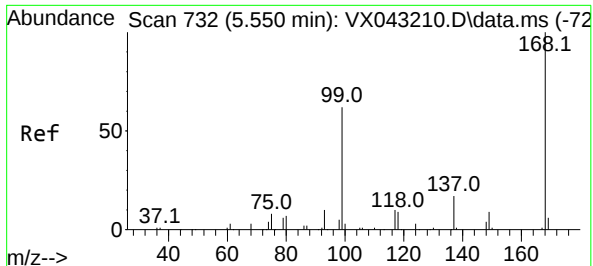
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

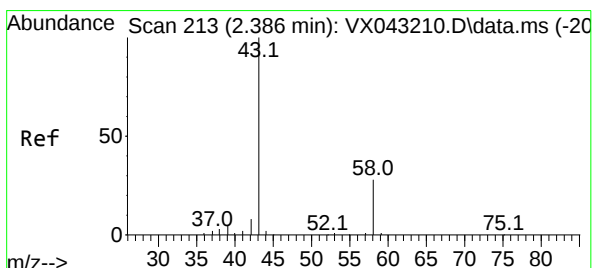
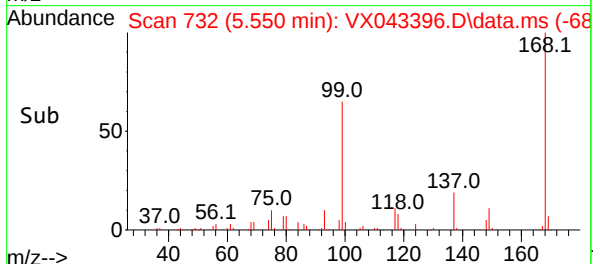
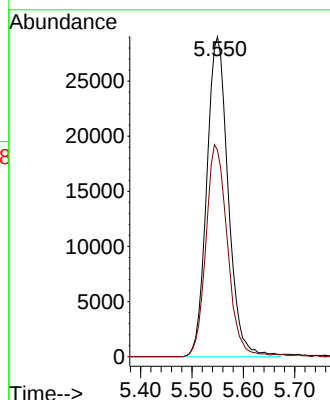
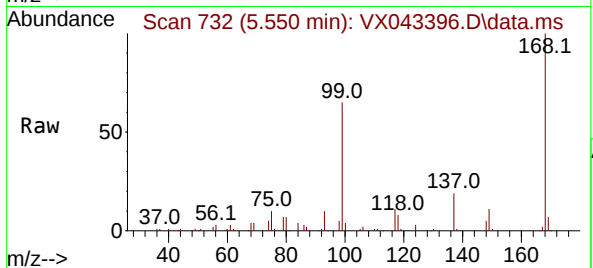




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043396.D
Acq: 15 Oct 2024 11:37

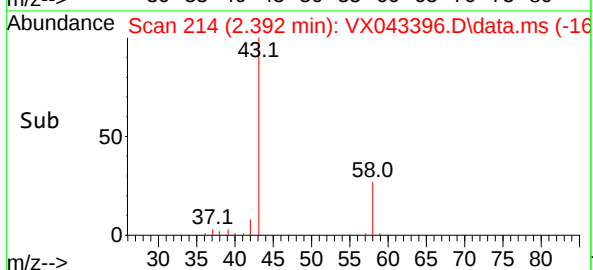
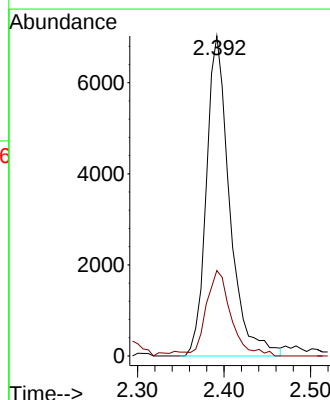
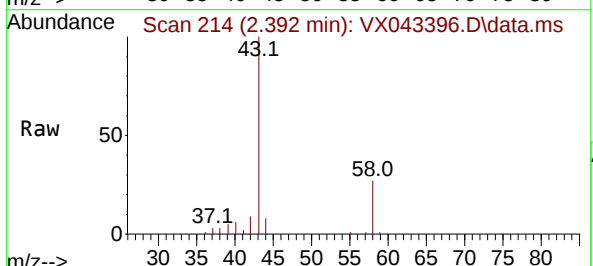
Instrument :
MSVOA_X
ClientSampleId :
PB164097ZHE#02

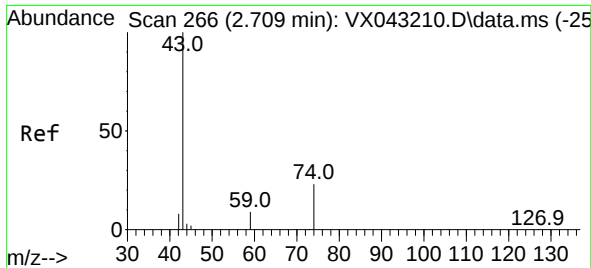
Tgt Ion:168 Resp: 83928
Ion Ratio Lower Upper
168 100
99 64.6 49.7 74.5



#16
Acetone
Concen: 22.952 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX043396.D
Acq: 15 Oct 2024 11:37

Tgt Ion: 43 Resp: 13138
Ion Ratio Lower Upper
43 100
58 26.7 22.6 33.8

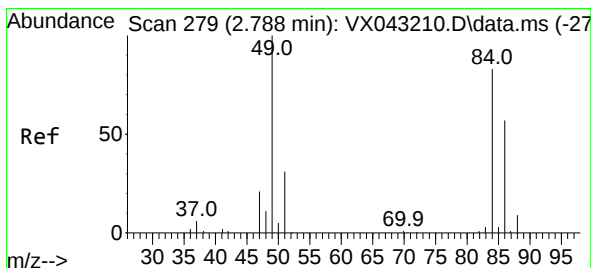
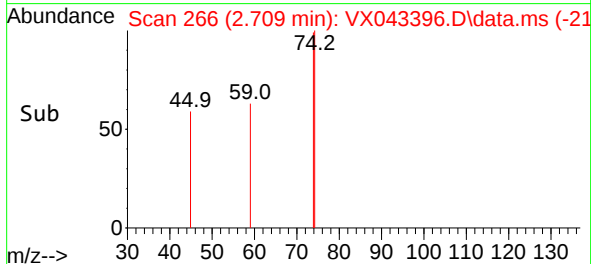
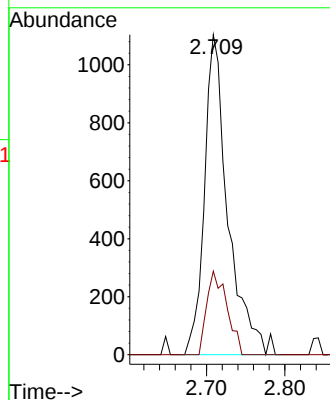
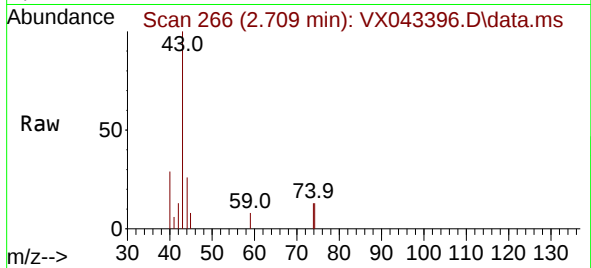




#18
Methyl Acetate
Concen: 1.602 ug/l
RT: 2.709 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX043396.D
Acq: 15 Oct 2024 11:37

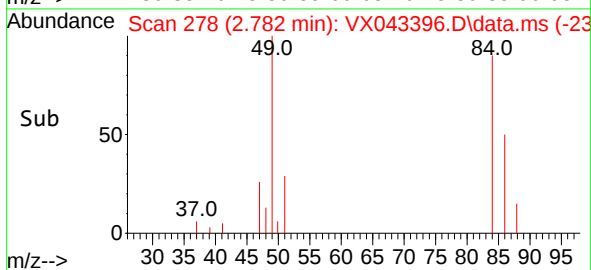
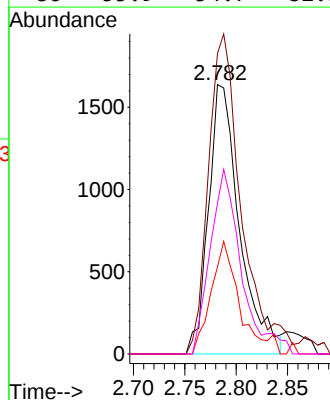
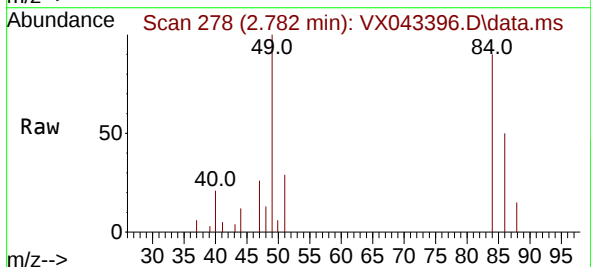
Instrument :
MSVOA_X
ClientSampleId :
PB164097ZHE#02

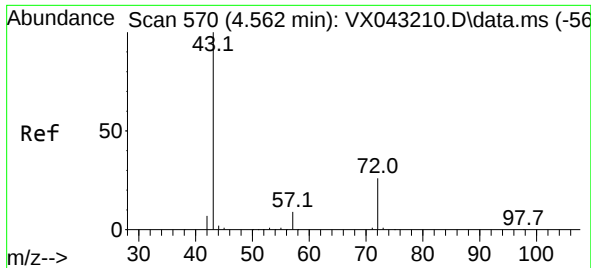
Tgt Ion: 43 Resp: 2301
Ion Ratio Lower Upper
43 100
74 22.3 19.1 28.7



#20
Methylene Chloride
Concen: 3.271 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX043396.D
Acq: 15 Oct 2024 11:37

Tgt Ion: 84 Resp: 3452
Ion Ratio Lower Upper
84 100
49 111.5 96.7 145.1
51 32.3 30.4 45.6
86 55.9 54.7 82.1

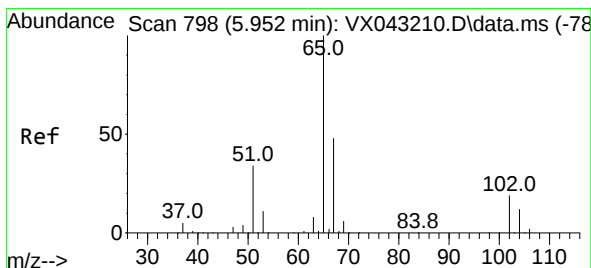
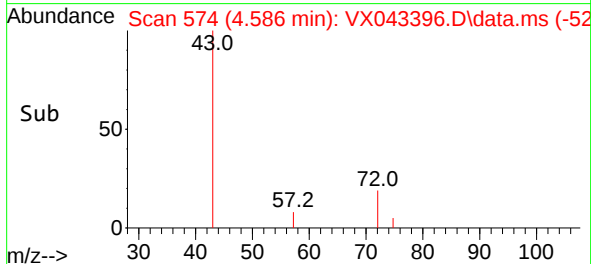
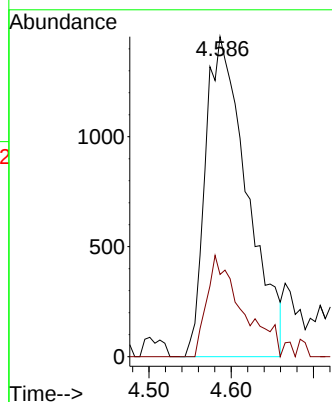
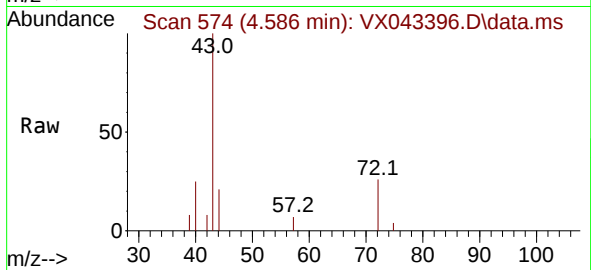




#25
2-Butanone
Concen: 6.524 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX043396.D
Acq: 15 Oct 2024 11:37

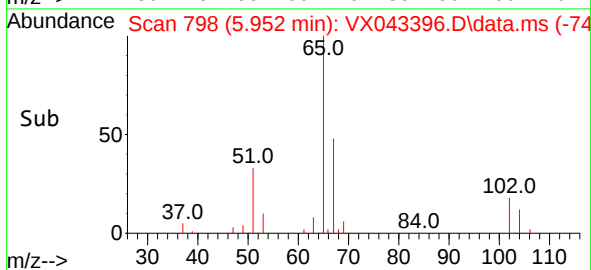
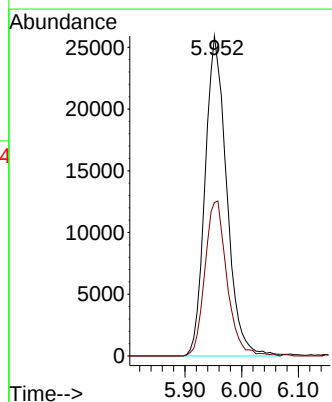
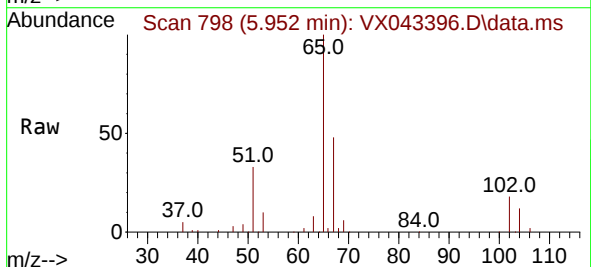
Instrument :
MSVOA_X
ClientSampleId :
PB164097ZHE#02

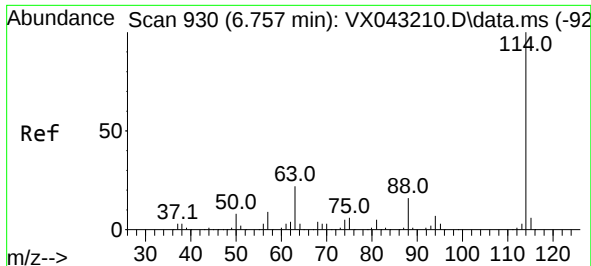
Tgt Ion: 43 Resp: 5120
Ion Ratio Lower Upper
43 100
72 25.7 20.6 31.0



#33
1,2-Dichloroethane-d4
Concen: 49.992 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043396.D
Acq: 15 Oct 2024 11:37

Tgt Ion: 65 Resp: 68522
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.0

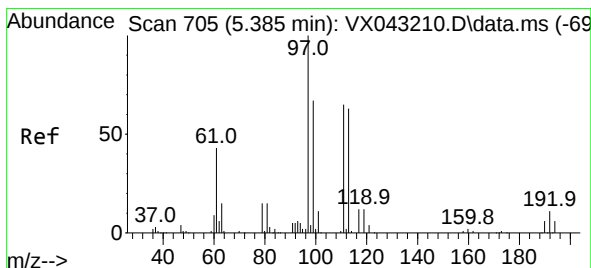
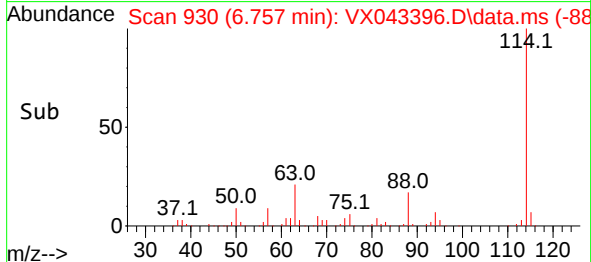
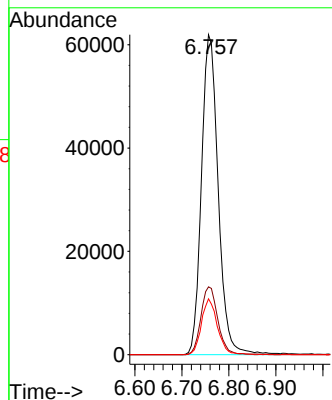
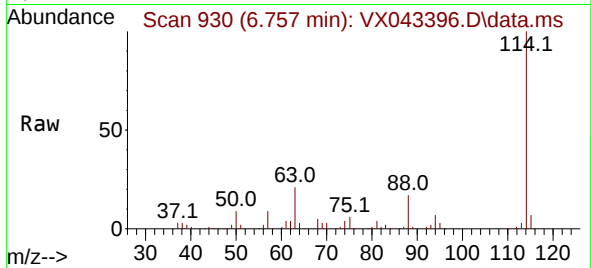




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043396.D
Acq: 15 Oct 2024 11:37

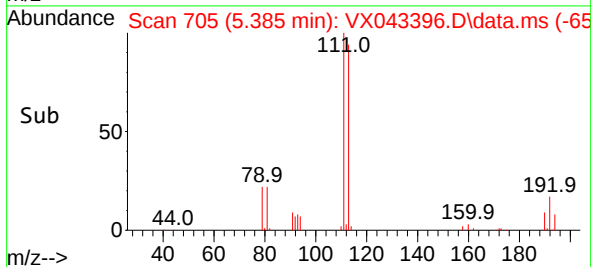
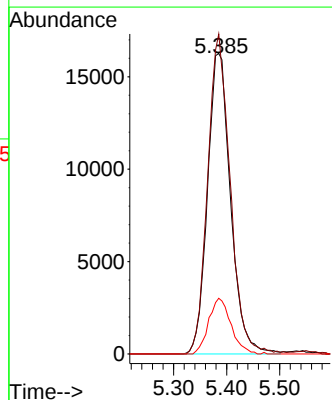
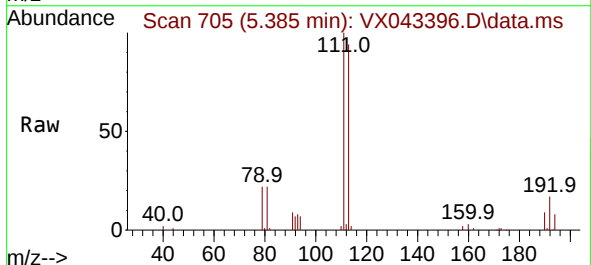
Instrument :
MSVOA_X
ClientSampleId :
PB164097ZHE#02

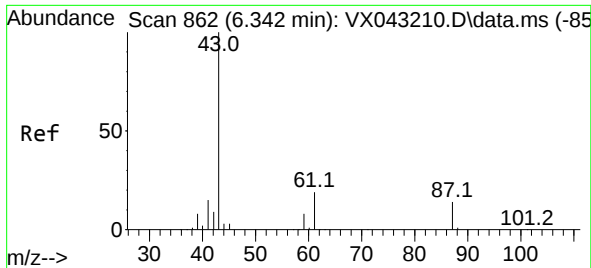
Tgt Ion:114 Resp: 153261
Ion Ratio Lower Upper
114 100
63 21.2 0.0 43.0
88 17.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 46.498 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX043396.D
Acq: 15 Oct 2024 11:37

Tgt Ion:113 Resp: 49146
Ion Ratio Lower Upper
113 100
111 103.9 83.4 125.0
192 17.9 14.1 21.1

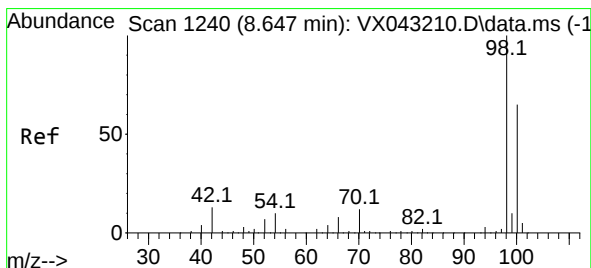
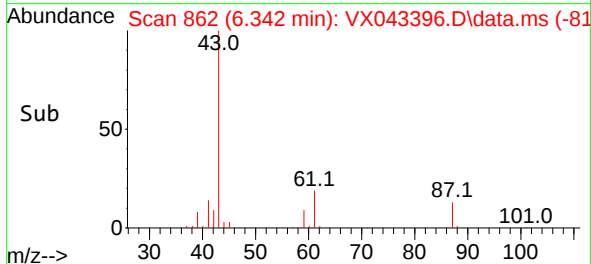
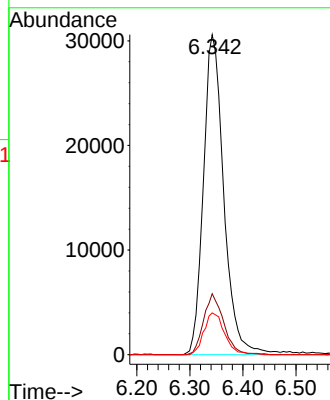
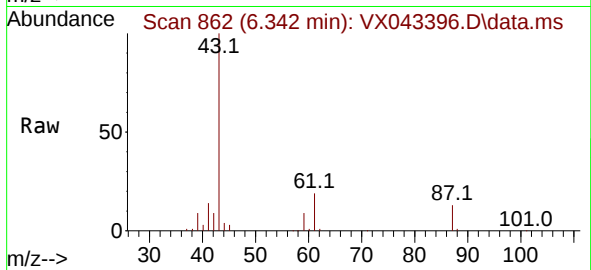




#43
Isopropyl Acetate
Concen: 30.868 ug/l
RT: 6.342 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX043396.D
Acq: 15 Oct 2024 11:37

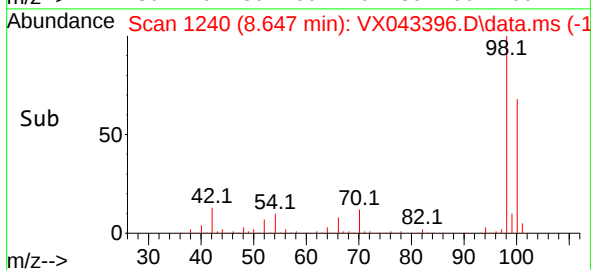
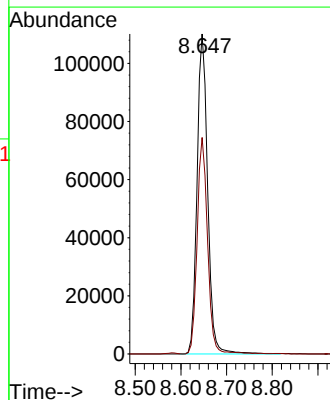
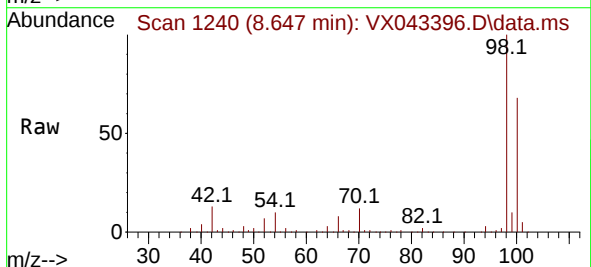
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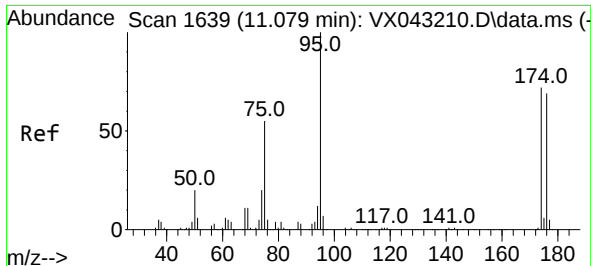
Tgt Ion: 43 Resp: 81755
Ion Ratio Lower Upper
43 100
61 18.7 15.1 22.7
87 13.2 10.8 16.2



#50
Toluene-d8
Concen: 48.447 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043396.D
Acq: 15 Oct 2024 11:37

Tgt Ion: 98 Resp: 177454
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6

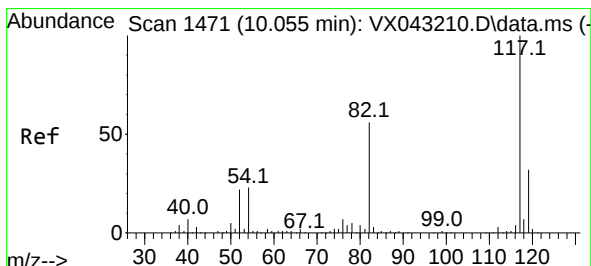
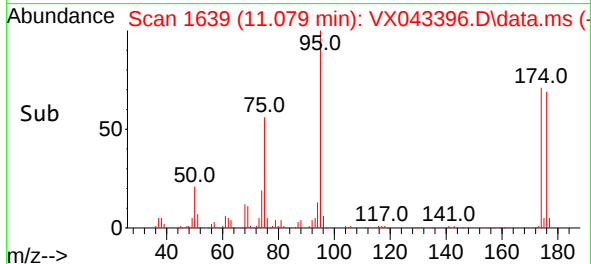
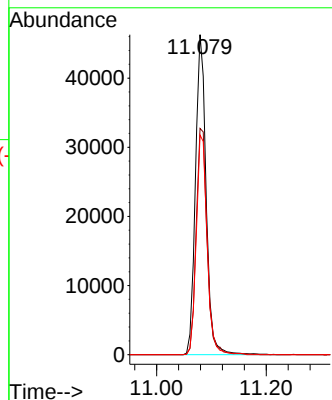
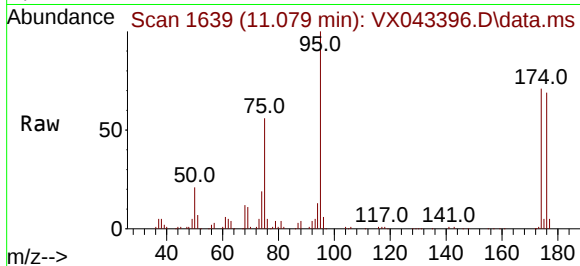




#62
4-Bromofluorobenzene
Concen: 47.343 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043396.D
Acq: 15 Oct 2024 11:37

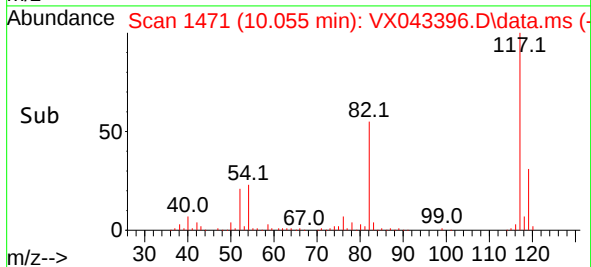
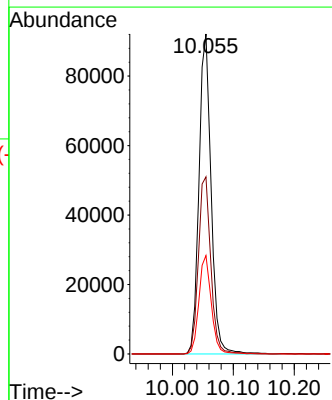
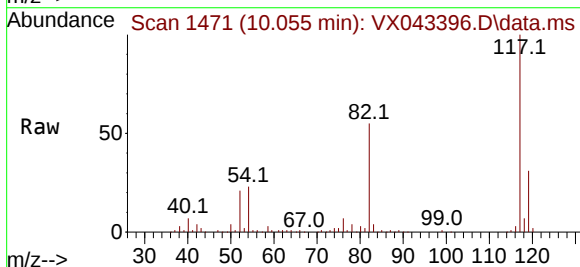
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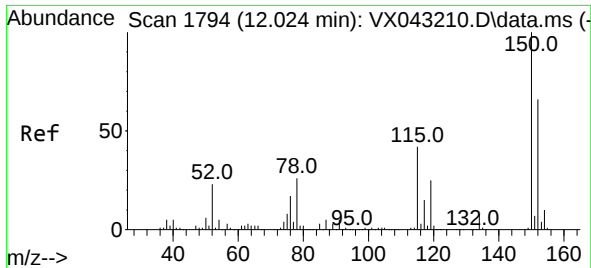
Tgt Ion: 95 Resp: 62998
Ion Ratio Lower Upper
95 100
174 72.1 0.0 145.0
176 69.9 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043396.D
Acq: 15 Oct 2024 11:37

Tgt Ion: 117 Resp: 126772
Ion Ratio Lower Upper
117 100
82 55.3 45.0 67.6
119 30.8 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: VX043396.D

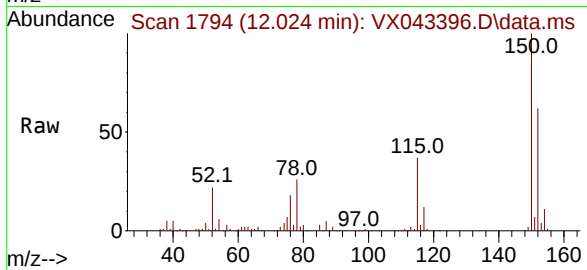
Acq: 15 Oct 2024 11:37

Instrument :

MSVOA_X

ClientSampleId :

PB164097ZHE#02



Tgt Ion:152 Resp: 53737

Ion Ratio Lower Upper

152 100

115 64.1 44.1 132.3

150 160.7 0.0 347.4

