

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112321\
 Data File : VX025310.D
 Acq On : 24 Nov 2021 05:28
 Operator : JC/MD
 Sample : PB140964ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB140964ZHE#02

Quant Time: Nov 24 09:56:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

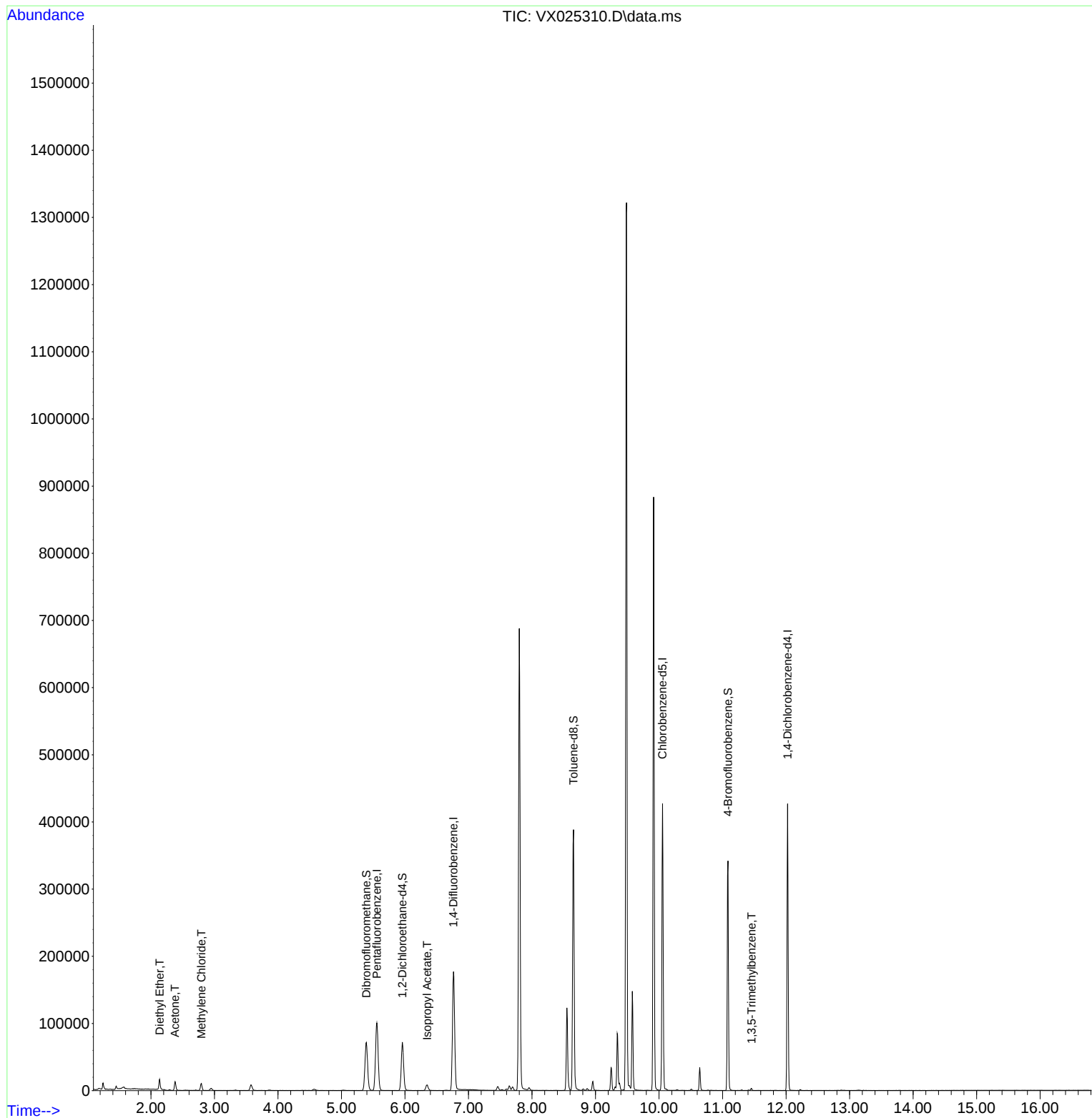
Internal Standards						
1) Pentafluorobenzene	5.556	168	106457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	192000	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64566	57.539	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	115.080%
35) Dibromofluoromethane	5.391	113	61908	52.551	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.100%
50) Toluene-d8	8.653	98	234561	52.957	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.920%
62) 4-Bromofluorobenzene	11.085	95	91223	54.440	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.880%
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.136	74	5033	6.550	ug/l	91
16) Acetone	2.379	43	13419	21.521	ug/l	100
20) Methylene Chloride	2.794	84	4520	3.856	ug/l	97
43) Isopropyl Acetate	6.348	43	12091	3.812	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	1717	0.311	ug/l	97

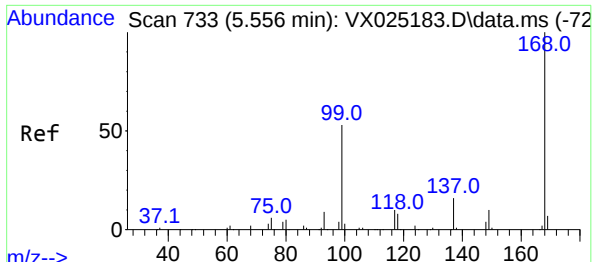
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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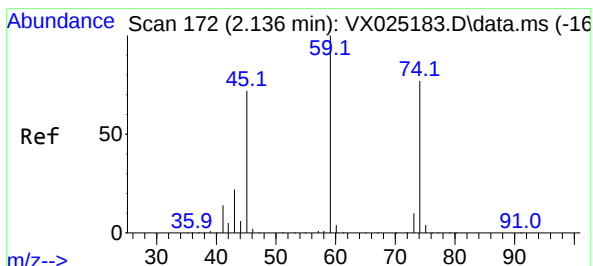
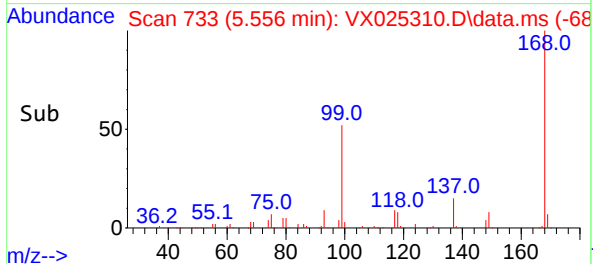
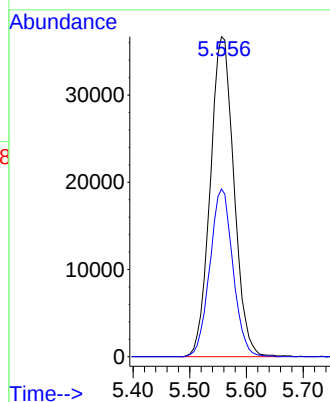
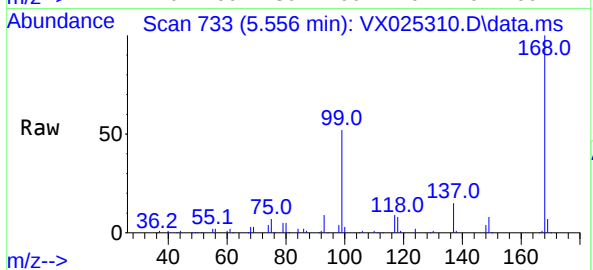




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025310.D
Acq: 24 Nov 2021 05:28

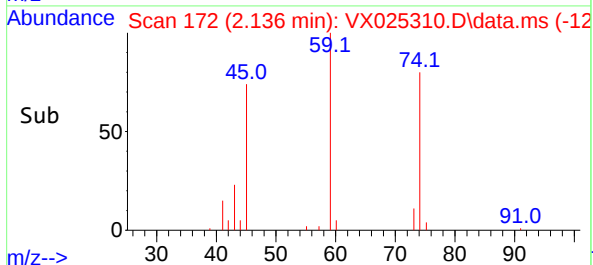
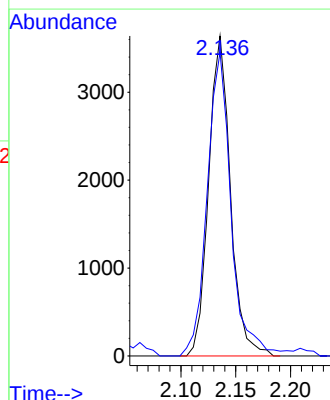
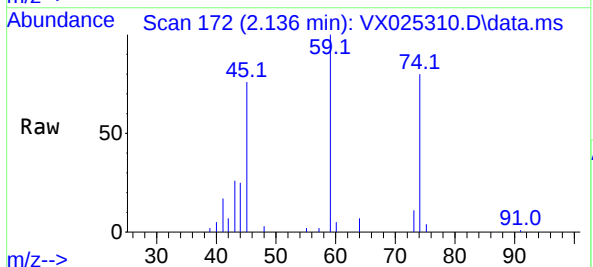
Instrument :
MSVOA_X
ClientSampleId :
PB140964ZHE#02

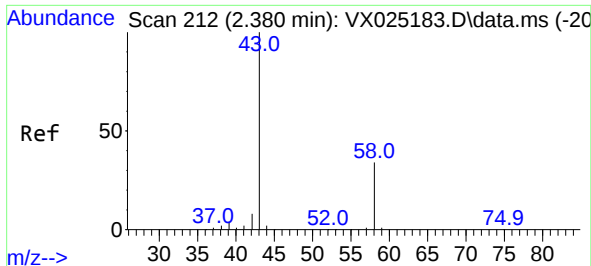
Tgt Ion:168 Resp: 106457
Ion Ratio Lower Upper
168 100
99 52.4 46.4 69.6



#8
Diethyl Ether
Concen: 6.550 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX025310.D
Acq: 24 Nov 2021 05:28

Tgt Ion: 74 Resp: 5033
Ion Ratio Lower Upper
74 100
45 103.7 47.6 142.9

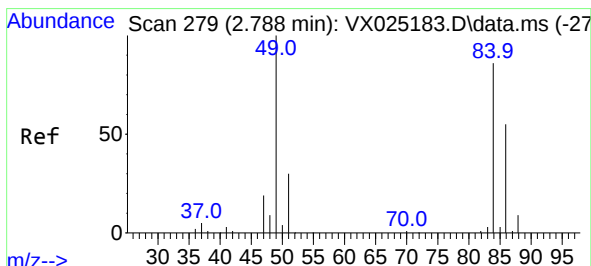
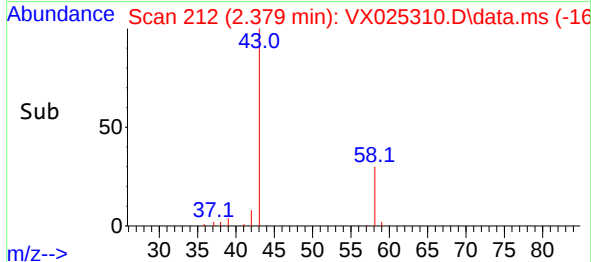
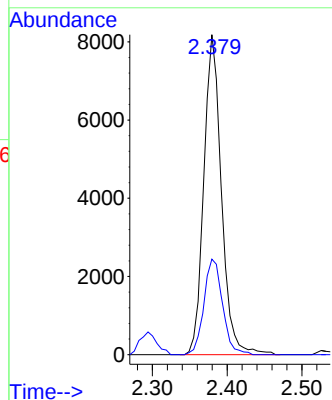
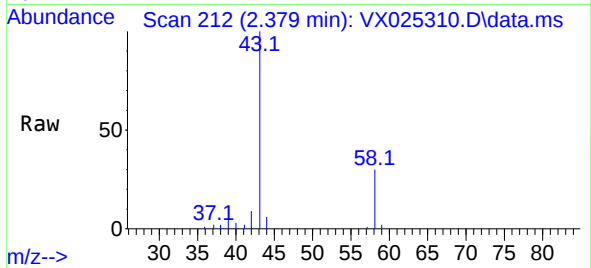




#16
Acetone
Concen: 21.521 ug/l
RT: 2.379 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX025310.D
Acq: 24 Nov 2021 05:28

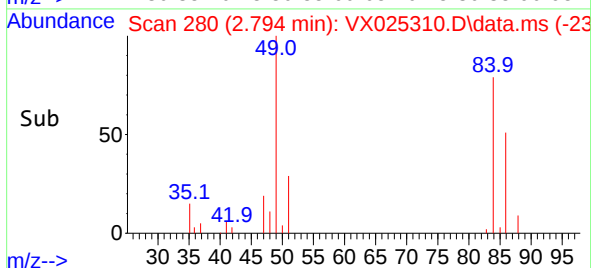
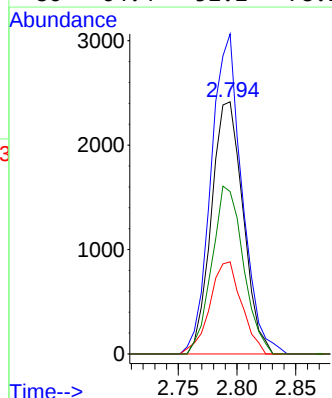
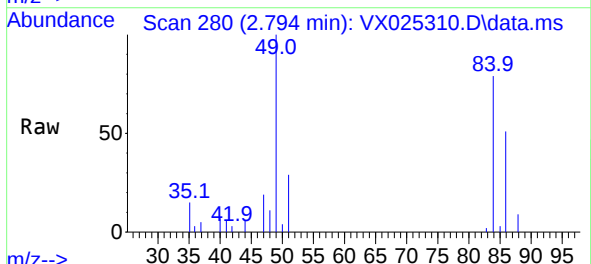
Instrument :
MSVOA_X
ClientSampleId :
PB140964ZHE#02

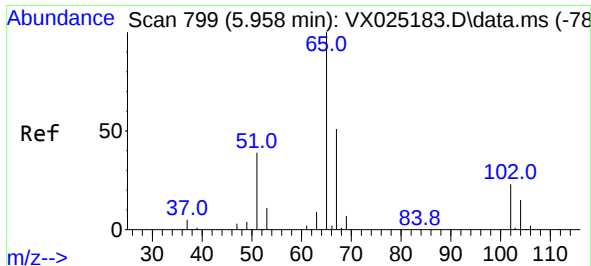
Tgt Ion: 43 Resp: 13419
Ion Ratio Lower Upper
43 100
58 29.8 24.0 36.0



#20
Methylene Chloride
Concen: 3.856 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX025310.D
Acq: 24 Nov 2021 05:28

Tgt Ion: 84 Resp: 4520
Ion Ratio Lower Upper
84 100
49 126.9 98.2 147.2
51 36.5 30.2 45.4
86 64.4 52.2 78.2

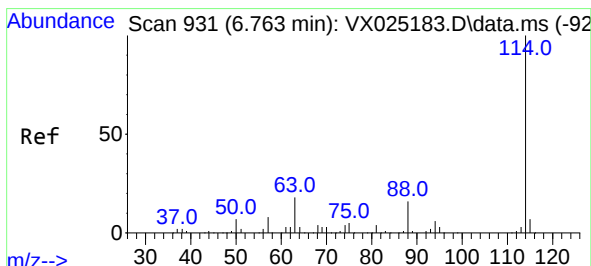
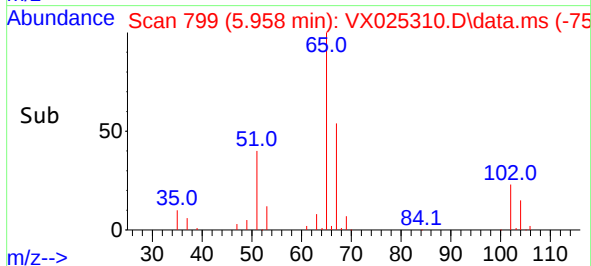
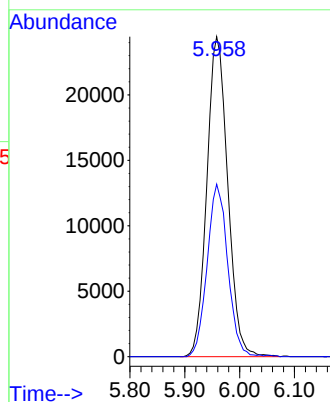
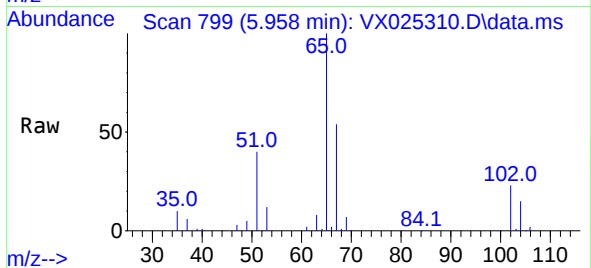




#33
 1,2-Dichloroethane-d4
 Concen: 57.539 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX025310.D
 Acq: 24 Nov 2021 05:28

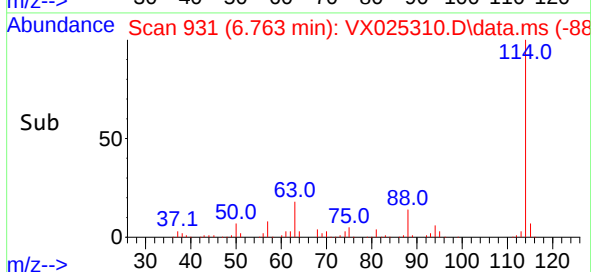
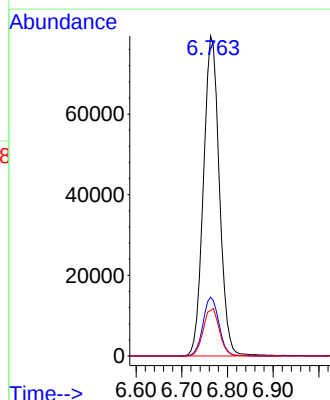
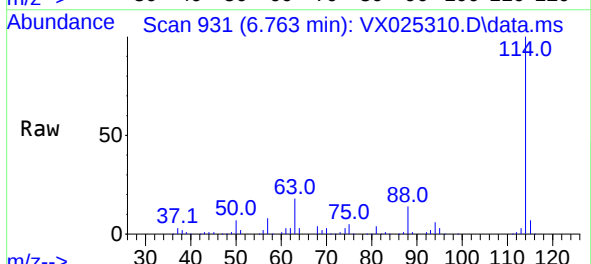
Instrument :
 MSVOA_X
 ClientSampleId :
 PB140964ZHE#02

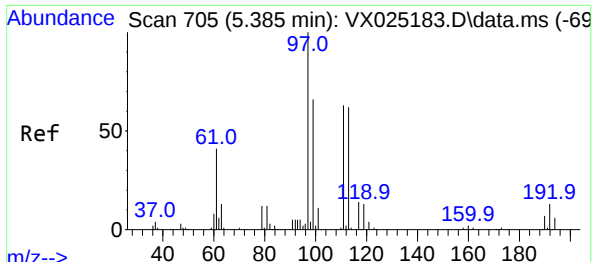
Tgt Ion: 65 Resp: 64566
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX025310.D
 Acq: 24 Nov 2021 05:28

Tgt Ion: 114 Resp: 192000
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 41.0
 88 14.2 0.0 34.8





#35

Dibromofluoromethane

Concen: 52.551 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX025310.D

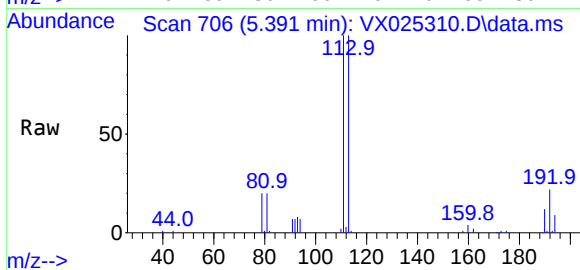
Acq: 24 Nov 2021 05:28

Instrument :

MSVOA_X

ClientSampleId :

PB140964ZHE#02



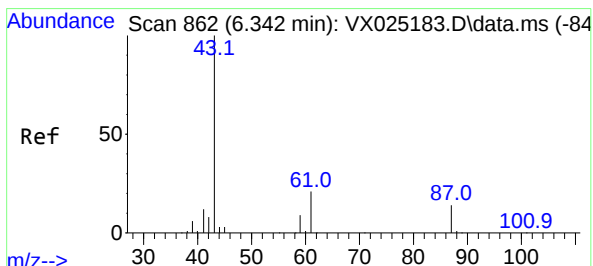
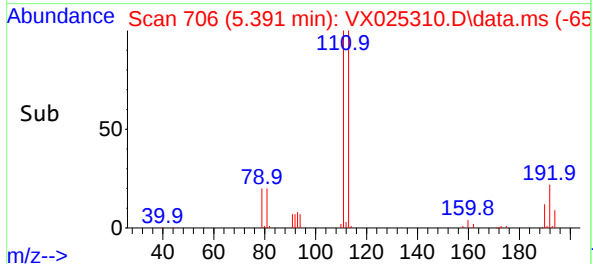
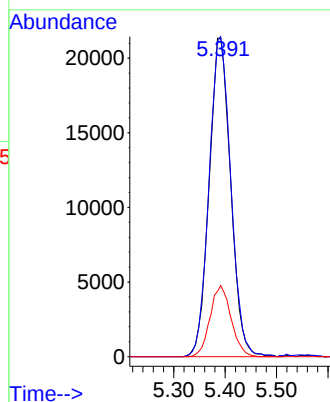
Tgt Ion:113 Resp: 61908

Ion Ratio Lower Upper

113 100

111 101.6 82.1 123.1

192 21.8 15.6 23.4



#43

Isopropyl Acetate

Concen: 3.812 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX025310.D

Acq: 24 Nov 2021 05:28

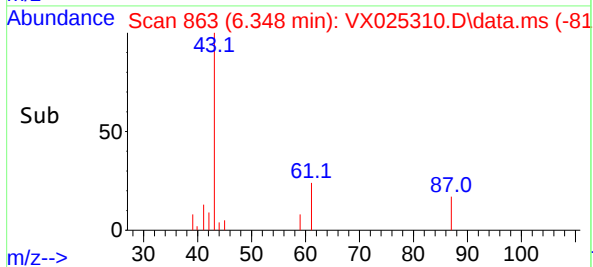
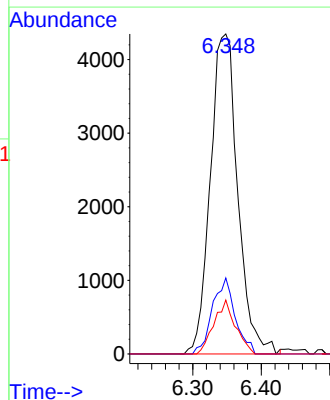
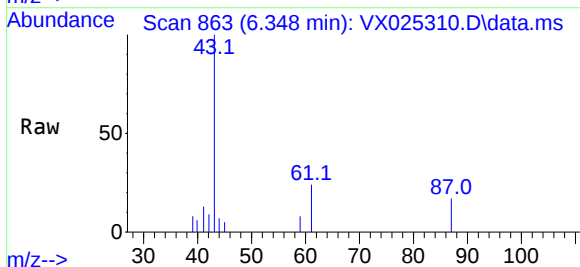
Tgt Ion: 43 Resp: 12091

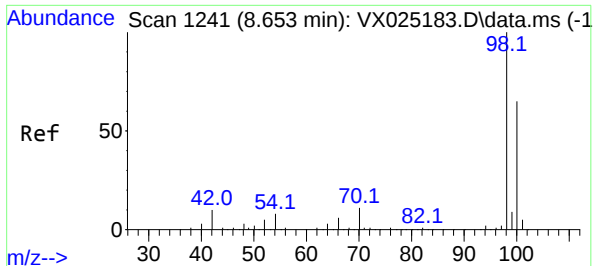
Ion Ratio Lower Upper

43 100

61 19.7 15.3 22.9

87 13.3 10.9 16.3





#50

Toluene-d8

Concen: 52.957 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025310.D

Acq: 24 Nov 2021 05:28

Instrument :

MSVOA_X

ClientSampleId :

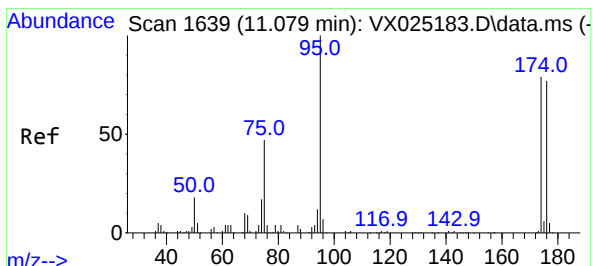
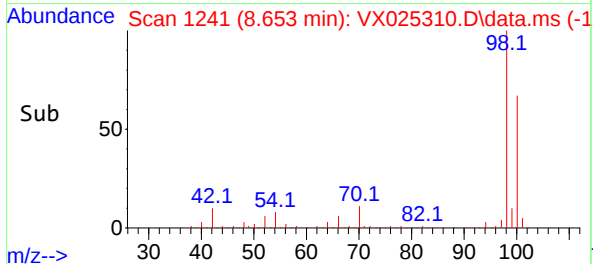
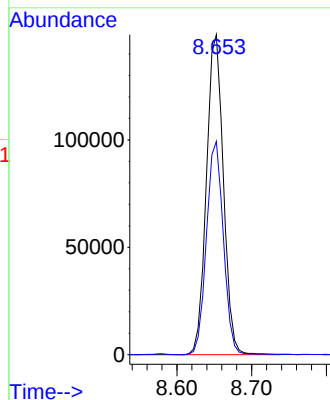
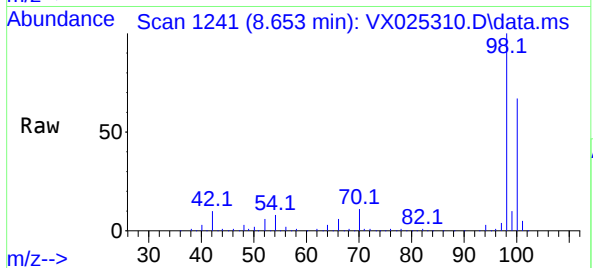
PB140964ZHE#02

Tgt Ion: 98 Resp: 234561

Ion Ratio Lower Upper

98 100

100 66.6 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 54.440 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX025310.D

Acq: 24 Nov 2021 05:28

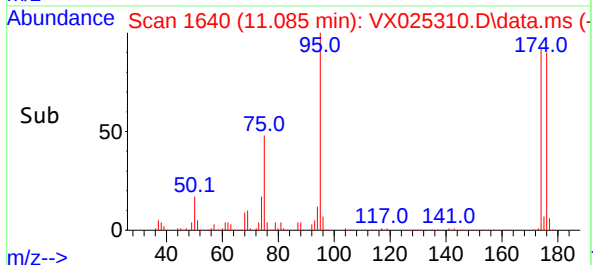
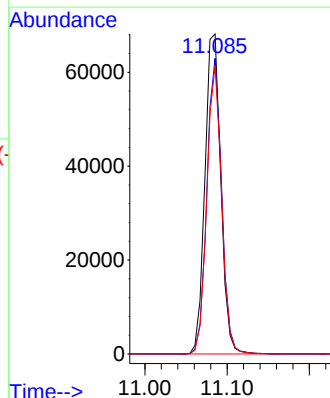
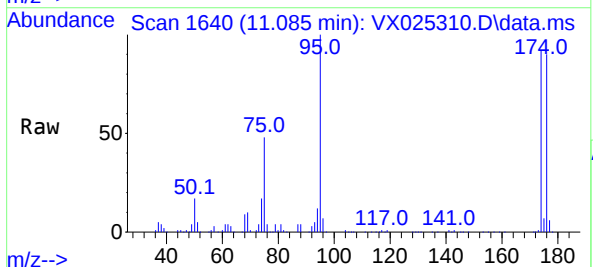
Tgt Ion: 95 Resp: 91223

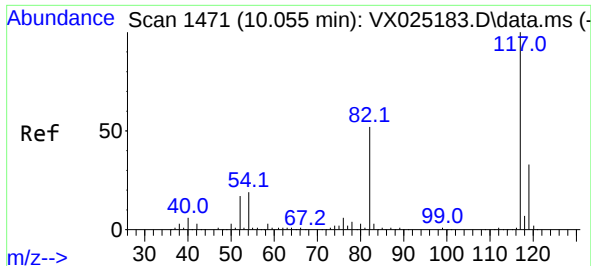
Ion Ratio Lower Upper

95 100

174 86.5 0.0 158.0

176 84.2 0.0 153.6

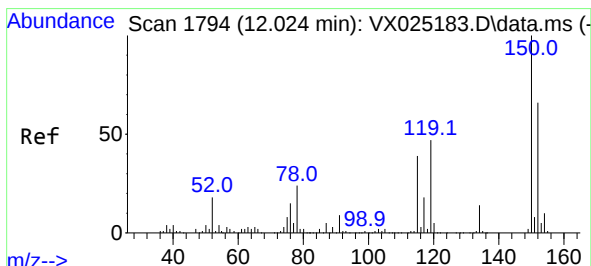
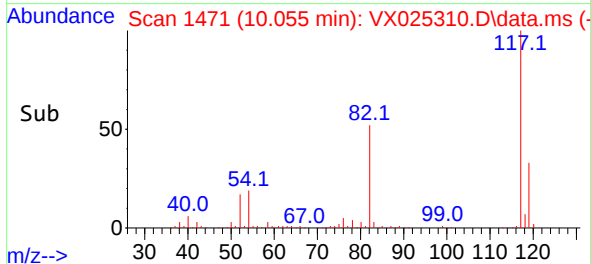
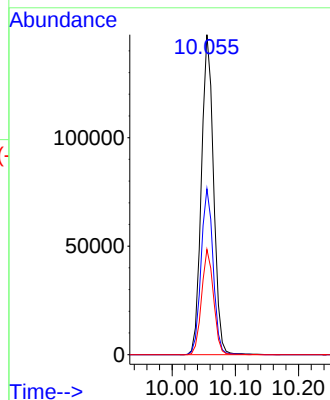
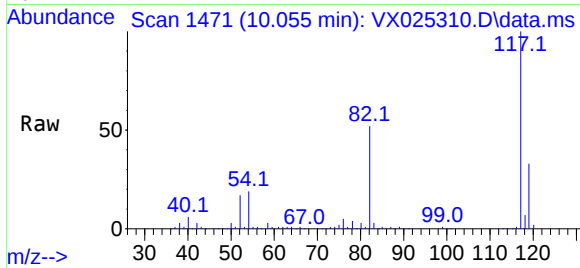




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025310.D
Acq: 24 Nov 2021 05:28

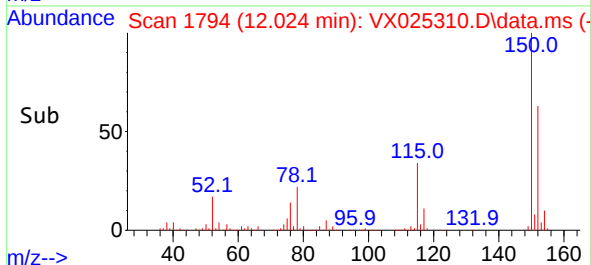
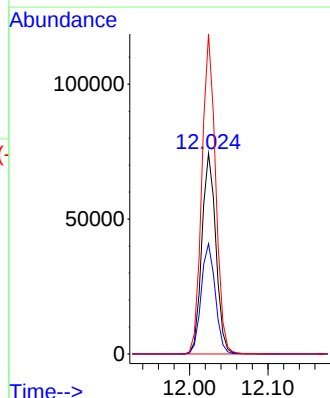
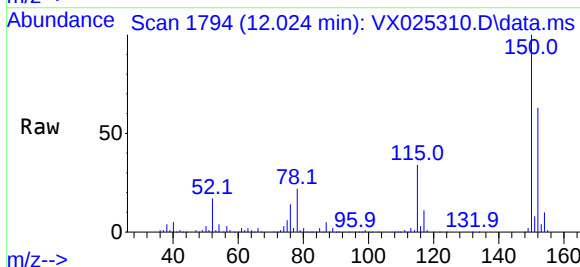
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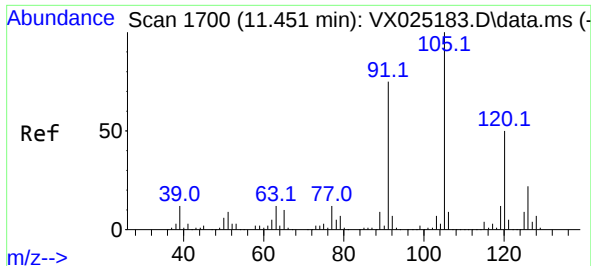
Tgt Ion:117 Resp: 197765
Ion Ratio Lower Upper
117 100
82 51.8 44.6 67.0
119 32.9 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025310.D
Acq: 24 Nov 2021 05:28

Tgt Ion:152 Resp: 92285
Ion Ratio Lower Upper
152 100
115 55.4 43.3 129.8
150 156.7 0.0 351.2





#80
 1,3,5-Trimethylbenzene
 Concen: 0.311 ug/l
 RT: 11.457 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX025310.D
 Acq: 24 Nov 2021 05:28

Instrument :
 MSVOA_X
 ClientSampleId :
 PB140964ZHE#02

Tgt Ion:105 Resp: 1717
 Ion Ratio Lower Upper
 105 100
 120 50.0 23.8 71.5

