

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051722\
 Data File : VX028782.D
 Acq On : 18 May 2022 01:26
 Operator : JC/MD
 Sample : PB144875ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB144875ZHE#01

Quant Time: May 18 05:00:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

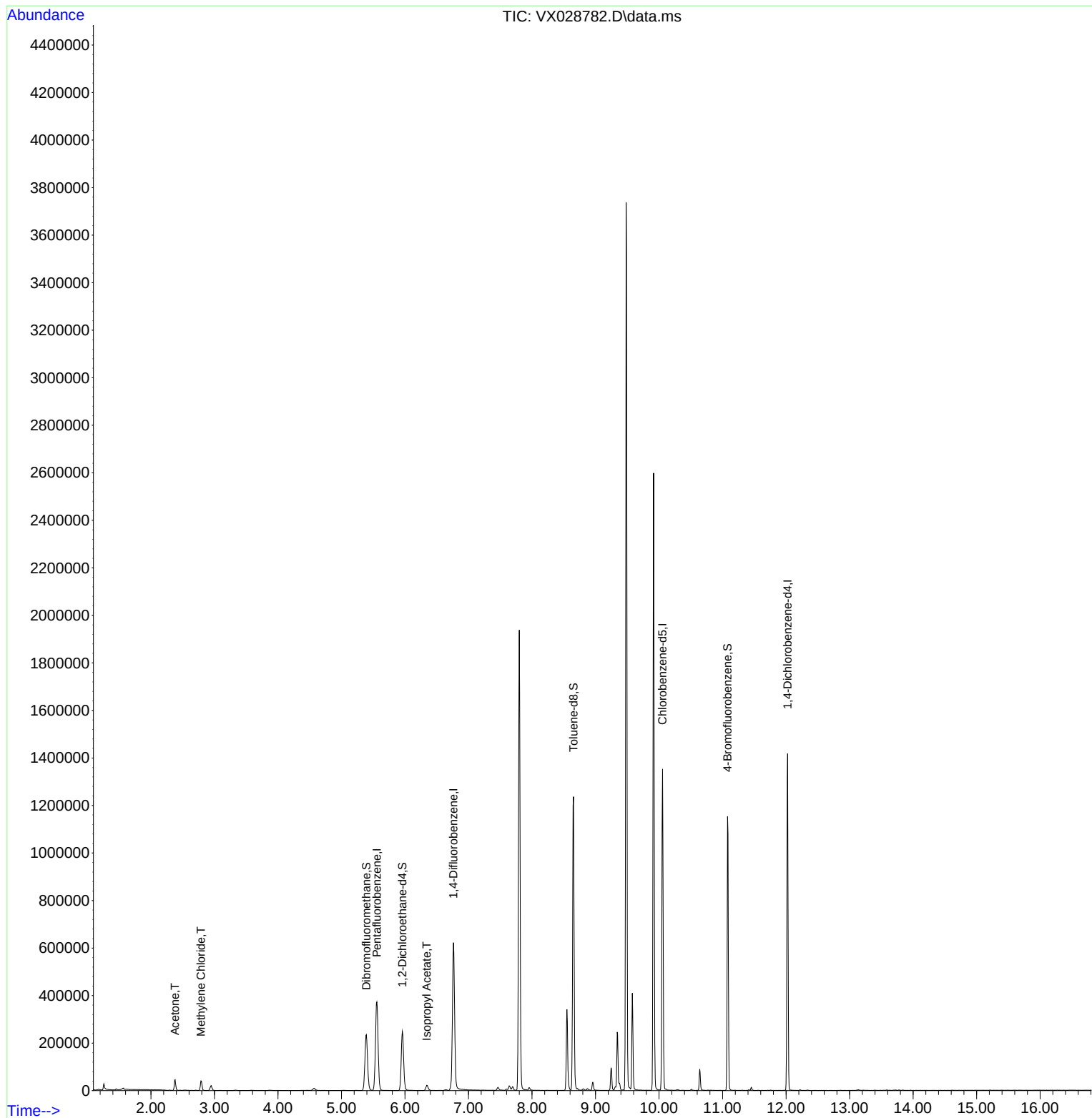
Internal Standards						
1) Pentafluorobenzene	5.556	168	344482	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	615118	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	596826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	287160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	251608	53.284	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	106.560%
35) Dibromofluoromethane	5.391	113	204398	50.717	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.440%
50) Toluene-d8	8.653	98	741859	48.824	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.640%
62) 4-Bromofluorobenzene	11.079	95	307501	54.183	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.360%
Target Compounds						
						Qvalue
16) Acetone	2.380	43	46928	23.156	ug/l	90
20) Methylene Chloride	2.788	84	18649	4.386	ug/l	92
43) Isopropyl Acetate	6.342	43	29963	3.029	ug/l	96

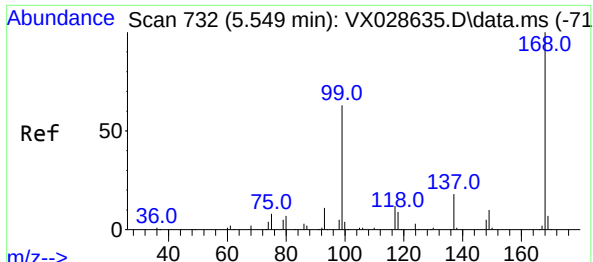
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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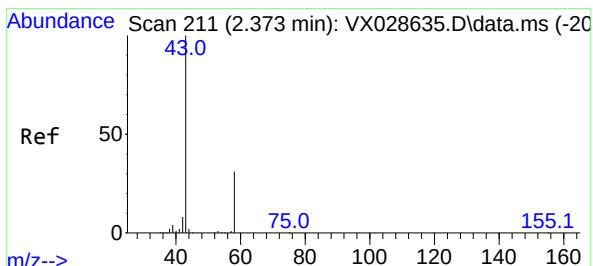
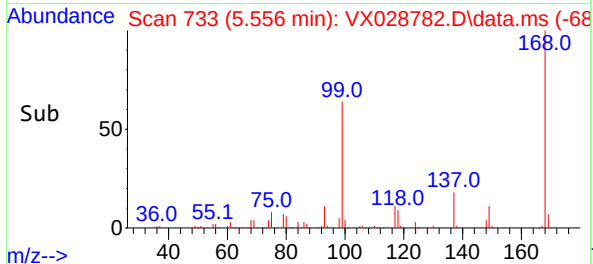
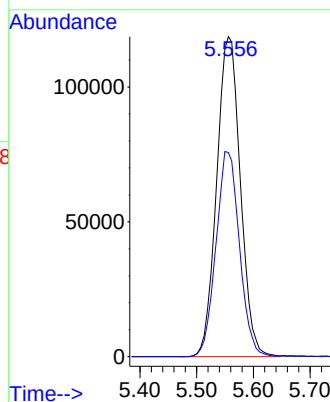
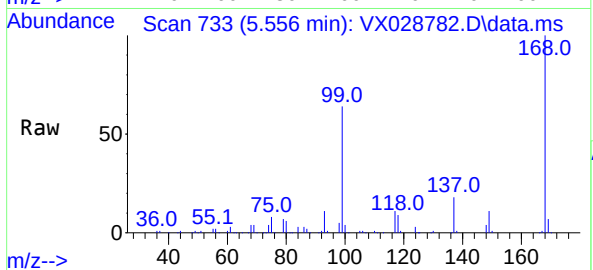




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028782.D
Acq: 18 May 2022 01:26

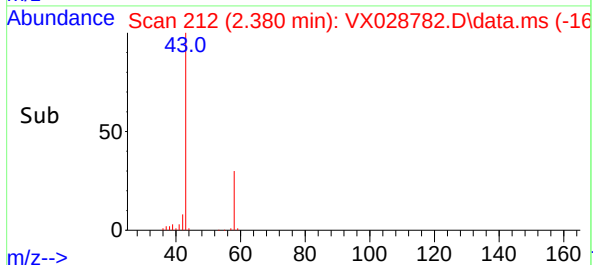
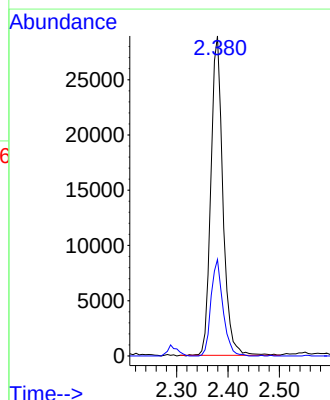
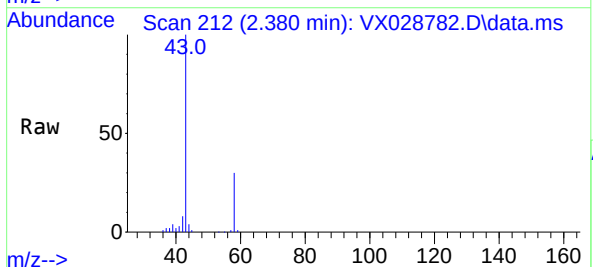
Instrument :
MSVOA_X
ClientSampleId :
PB144875ZHE#01

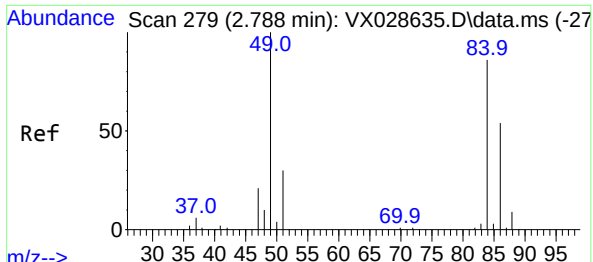
Tgt Ion:168 Resp: 344482
Ion Ratio Lower Upper
168 100
99 63.8 41.7 62.5#



#16
Acetone
Concen: 23.156 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX028782.D
Acq: 18 May 2022 01:26

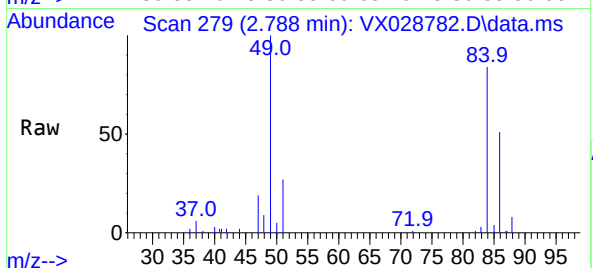
Tgt Ion: 43 Resp: 46928
Ion Ratio Lower Upper
43 100
58 30.2 28.8 43.2





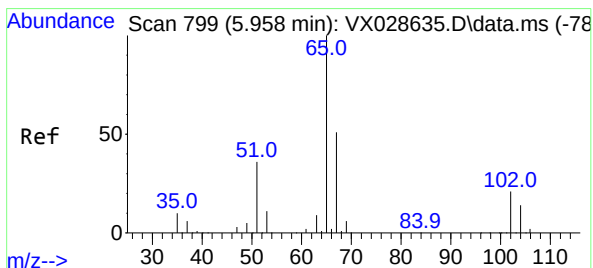
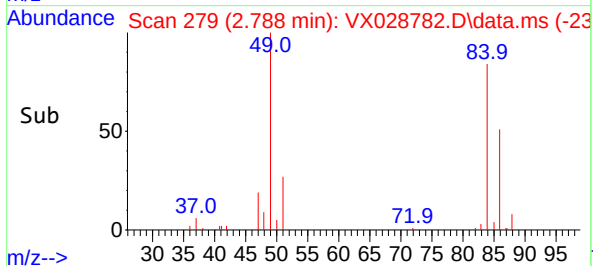
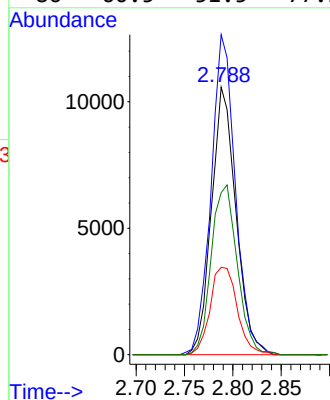
#20
Methylene Chloride
Concen: 4.386 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX028782.D
Acq: 18 May 2022 01:26

Instrument :
MSVOA_X
ClientSampleId :
PB144875ZHE#01



Tgt Ion: 84 Resp: 18649

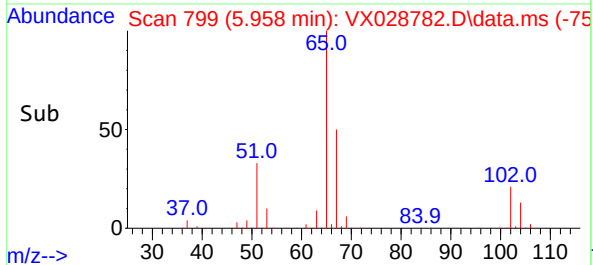
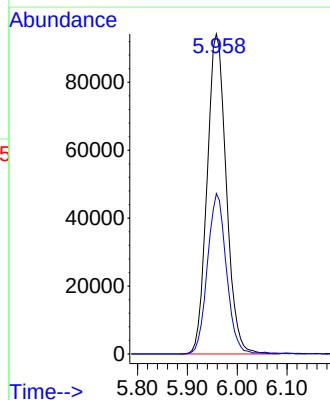
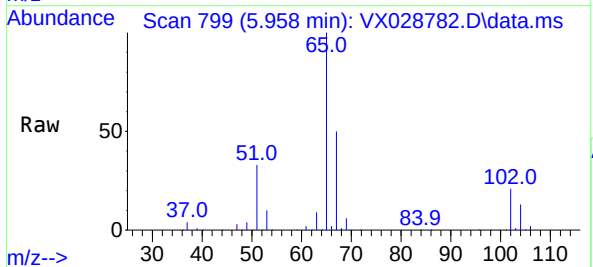
Ion	Ratio	Lower	Upper
84	100		
49	119.6	85.5	128.3
51	32.6	26.6	39.8
86	60.5	51.5	77.3

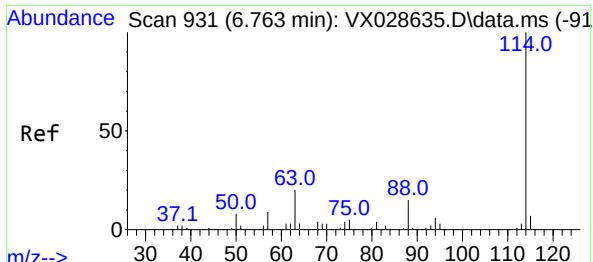


#33
1,2-Dichloroethane-d4
Concen: 53.284 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028782.D
Acq: 18 May 2022 01:26

Tgt Ion: 65 Resp: 251608

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX028782.D

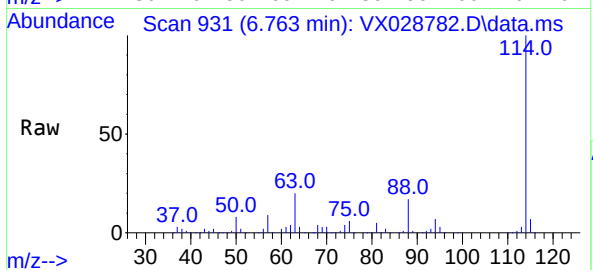
Acq: 18 May 2022 01:26

Instrument :

MSVOA_X

ClientSampleId :

PB144875ZHE#01



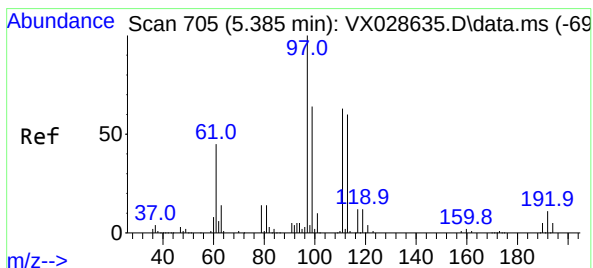
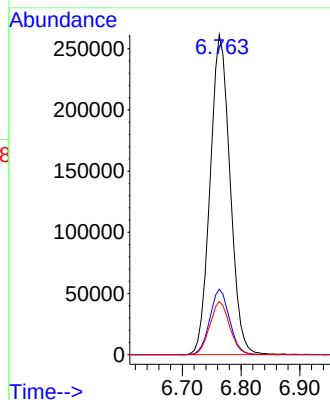
Tgt Ion:114 Resp: 615118

Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.8

88 16.6 0.0 32.4



#35

Dibromofluoromethane

Concen: 50.717 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX028782.D

Acq: 18 May 2022 01:26

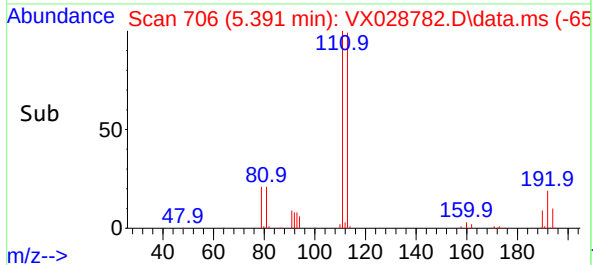
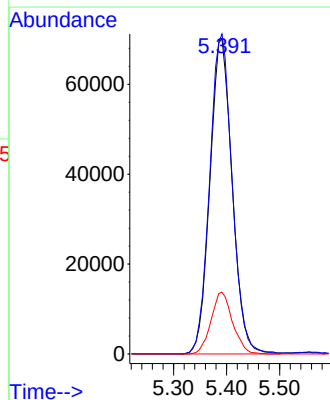
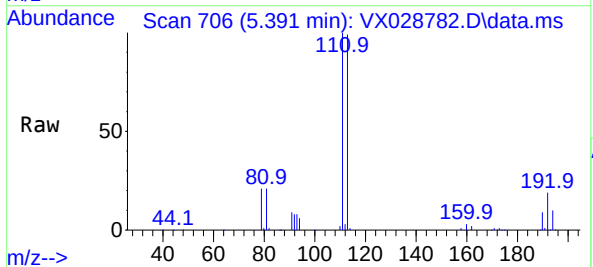
Tgt Ion:113 Resp: 204398

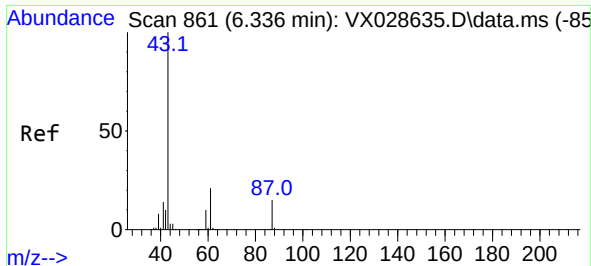
Ion Ratio Lower Upper

113 100

111 102.5 82.8 124.2

192 18.9 16.9 25.3

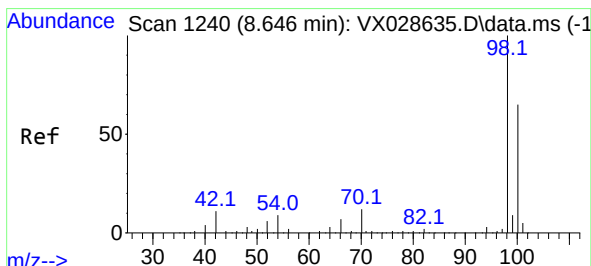
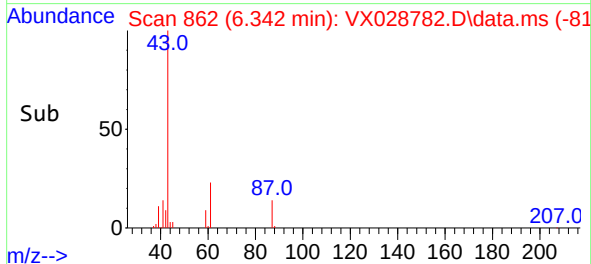
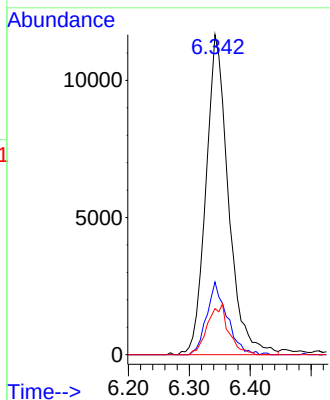
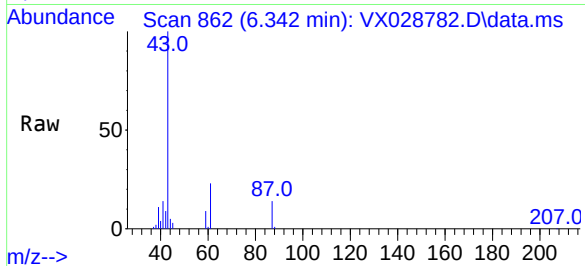




#43
Isopropyl Acetate
Concen: 3.029 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX028782.D
Acq: 18 May 2022 01:26

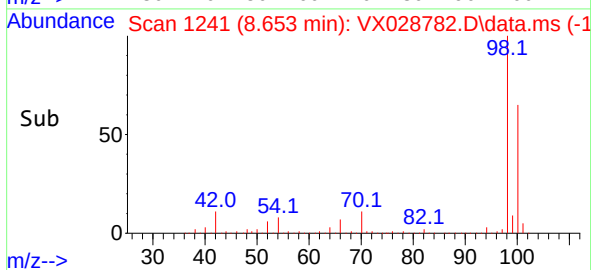
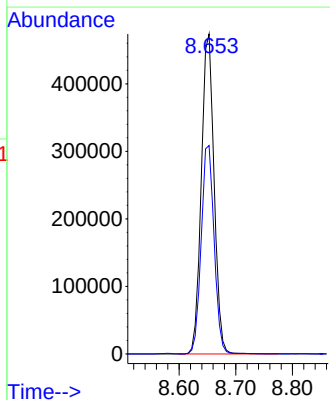
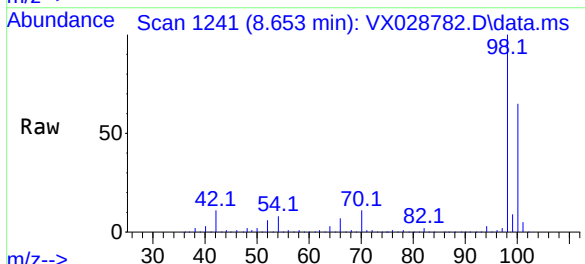
Instrument :
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ClientSampleId :
PB144875ZHE#01

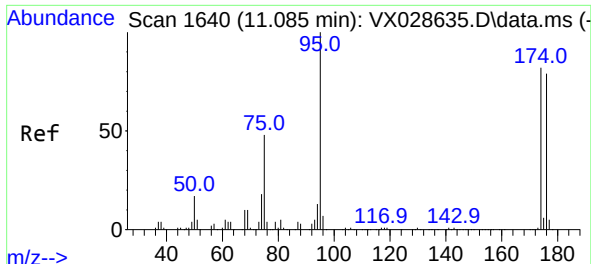
Tgt Ion: 43 Resp: 29963
Ion Ratio Lower Upper
43 100
61 20.7 18.5 27.7
87 14.8 13.0 19.6



#50
Toluene-d8
Concen: 48.824 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028782.D
Acq: 18 May 2022 01:26

Tgt Ion: 98 Resp: 741859
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8

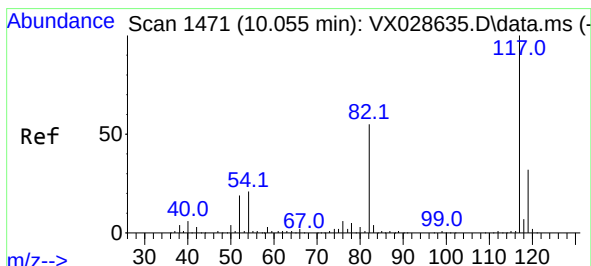
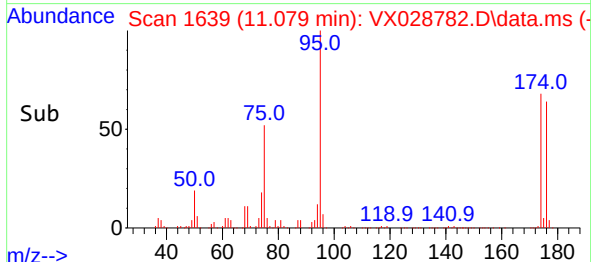
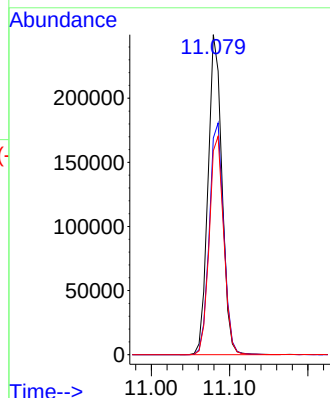
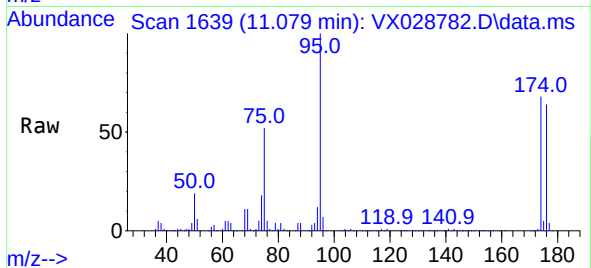




#62
4-Bromofluorobenzene
Concen: 54.183 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028782.D
Acq: 18 May 2022 01:26

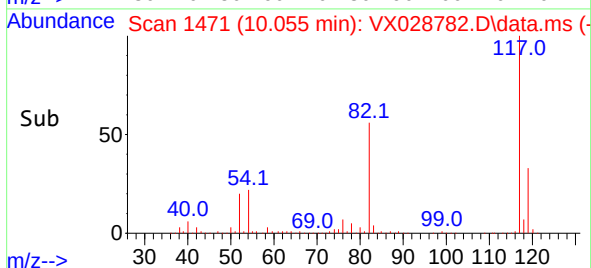
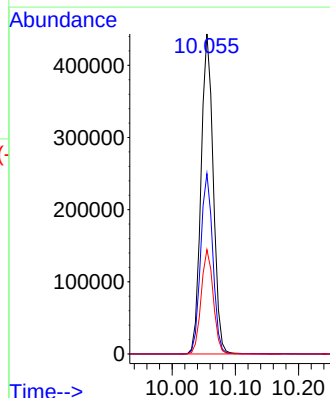
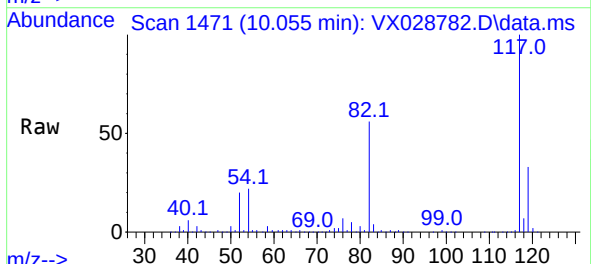
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MSVOA_X
ClientSampleId :
PB144875ZHE#01

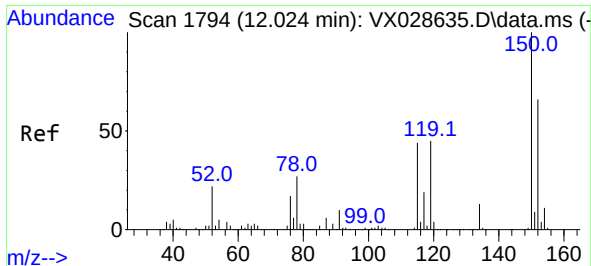
Tgt Ion: 95 Resp: 307501
Ion Ratio Lower Upper
95 100
174 74.7 0.0 163.0
176 70.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028782.D
Acq: 18 May 2022 01:26

Tgt Ion: 117 Resp: 596826
Ion Ratio Lower Upper
117 100
82 56.4 41.8 62.8
119 32.6 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX028782.D

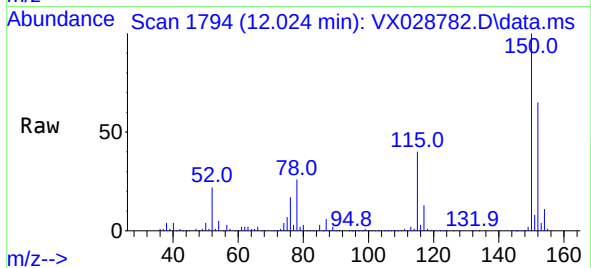
Acq: 18 May 2022 01:26

Instrument :

MSVOA_X

ClientSampleId :

PB144875ZHE#01



Tgt Ion:152 Resp: 287160

Ion Ratio Lower Upper

152 100

115 63.1 37.5 112.7

150 158.3 0.0 338.2

