

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020222\
 Data File : VX026744.D
 Acq On : 02 Feb 2022 18:06
 Operator : JC/MD
 Sample : PB142421ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142421ZHE#03

Quant Time: Feb 03 03:08:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

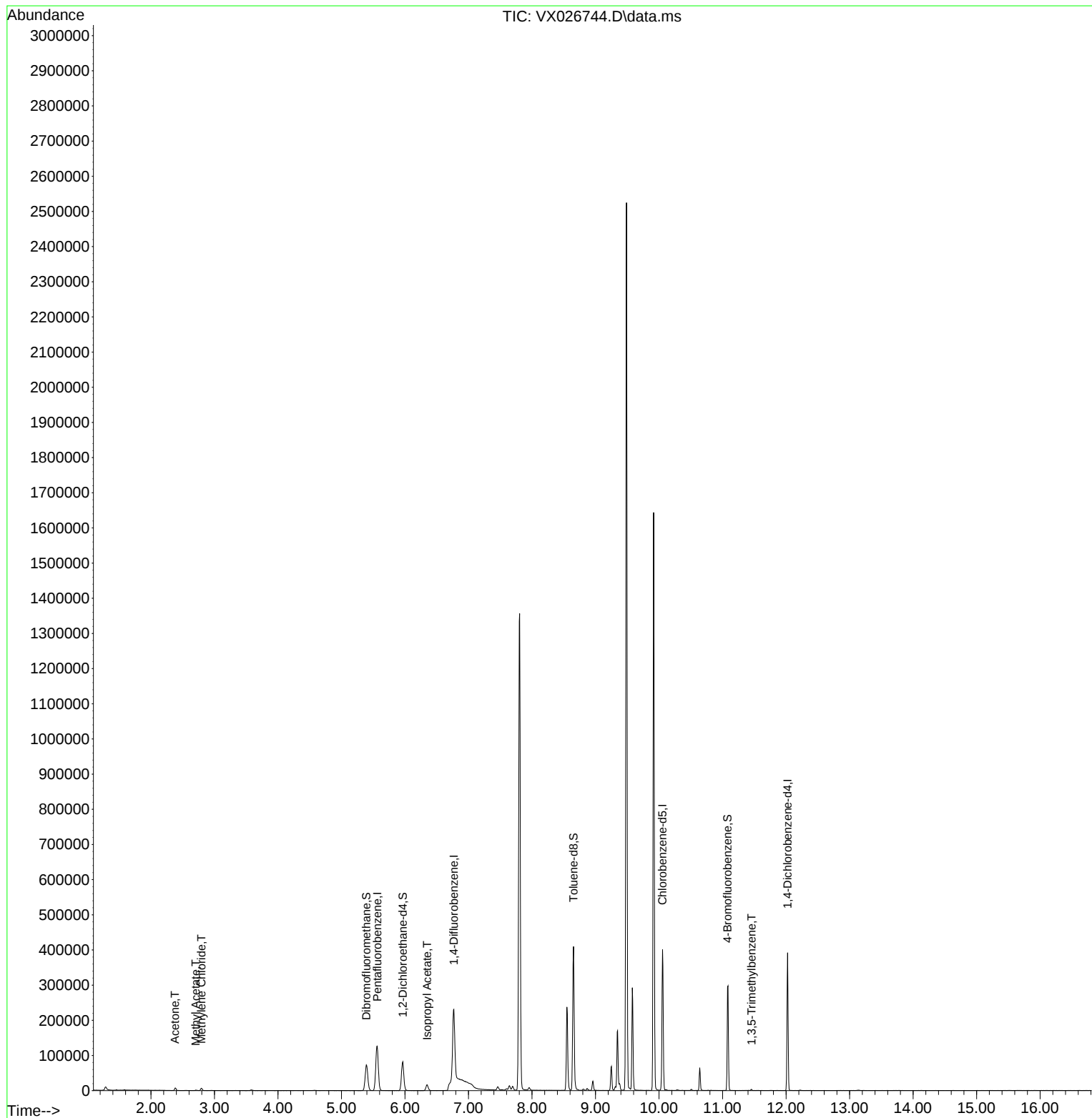
Internal Standards						
1) Pentafluorobenzene	5.562	168	121199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	206330	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	77907	46.016	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.040%
35) Dibromofluoromethane	5.391	113	64455	48.375	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.740%
50) Toluene-d8	8.653	98	237182	49.398	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.800%
62) 4-Bromofluorobenzene	11.079	95	83773	49.115	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.220%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	8615	9.978	ug/l	99
18) Methyl Acetate	2.703	43	2051	1.195	ug/l #	85
20) Methylene Chloride	2.794	84	3094	2.169	ug/l	90
43) Isopropyl Acetate	6.348	43	22902	6.663	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	1673	0.317	ug/l	97

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

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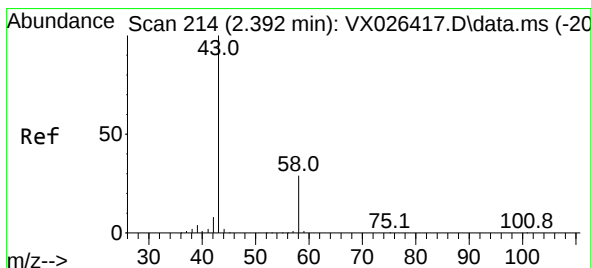
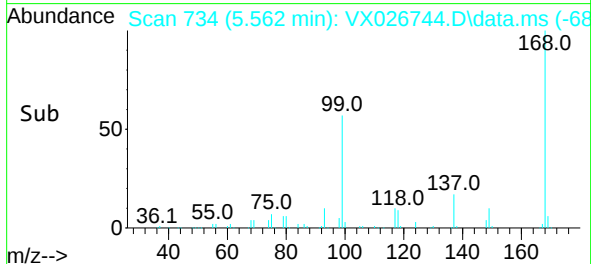
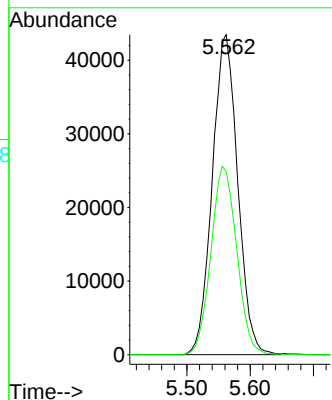
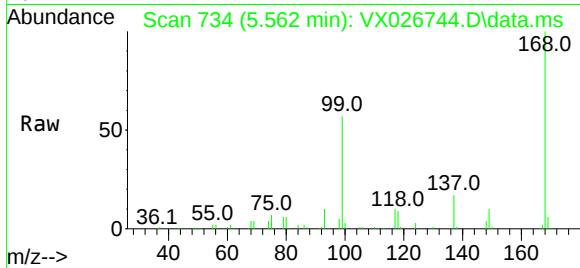




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026744.D
Acq: 02 Feb 2022 18:06

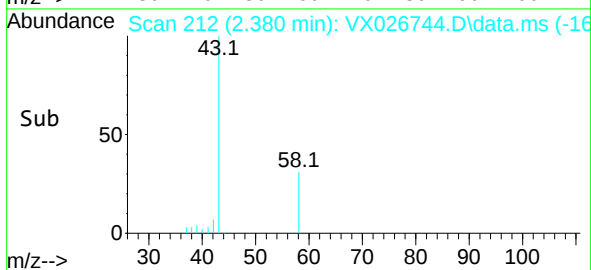
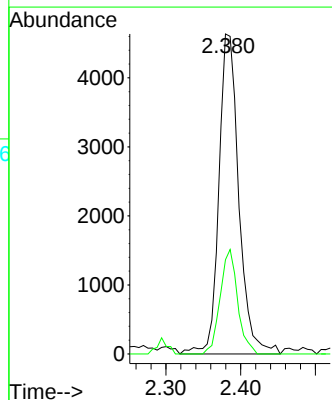
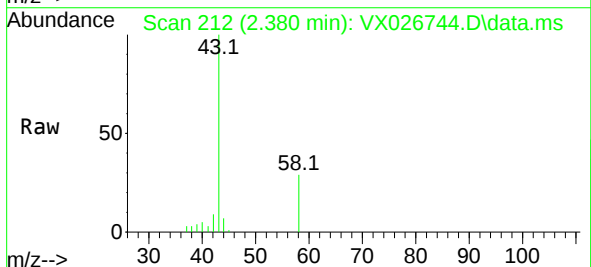
Instrument :
MSVOA_X
ClientSampleId :
PB142421ZHE#03

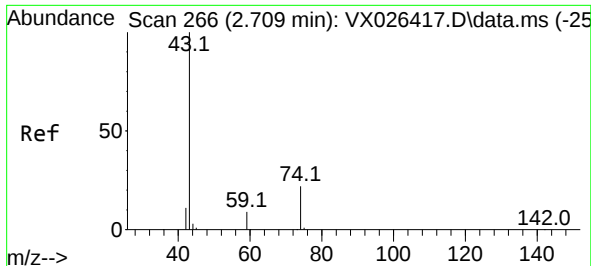
Tgt Ion:168 Resp: 121199
Ion Ratio Lower Upper
168 100
99 57.4 50.3 75.5



#16
Acetone
Concen: 9.978 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX026744.D
Acq: 02 Feb 2022 18:06

Tgt Ion: 43 Resp: 8615
Ion Ratio Lower Upper
43 100
58 29.5 23.0 34.6

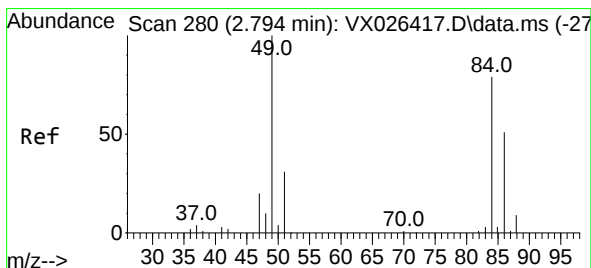
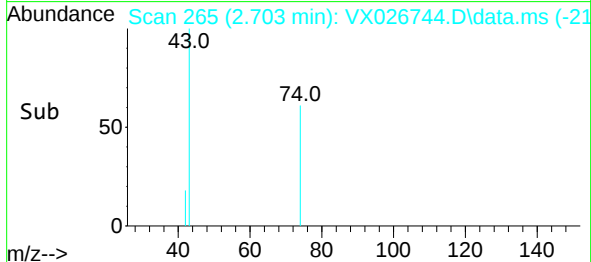
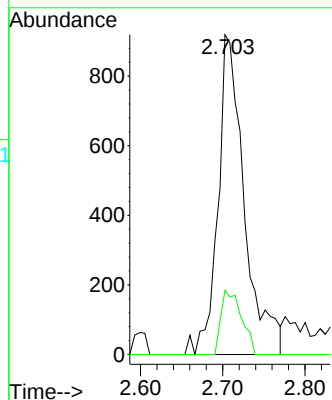
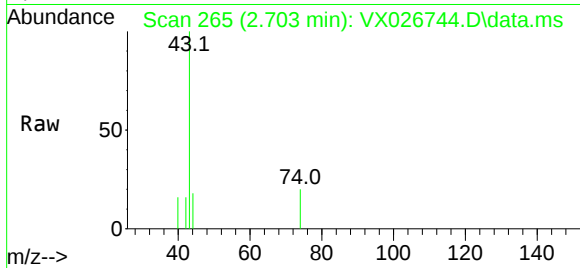




#18
Methyl Acetate
Concen: 1.195 ug/l
RT: 2.703 min Scan# 2051
Delta R.T. -0.006 min
Lab File: VX026744.D
Acq: 02 Feb 2022 18:06

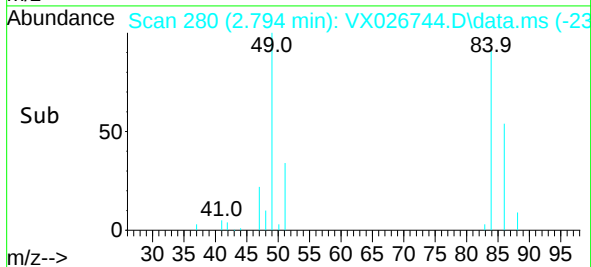
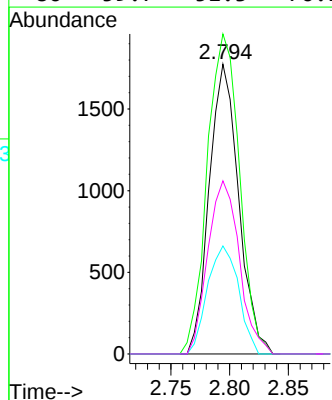
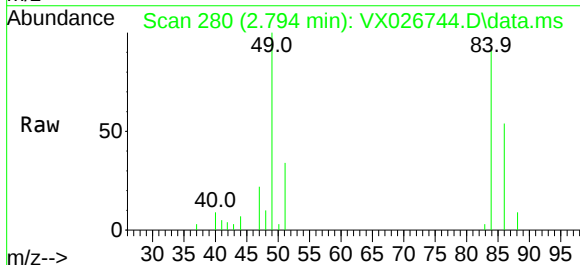
Instrument :
MSVOA_X
ClientSampleId :
PB142421ZHE#03

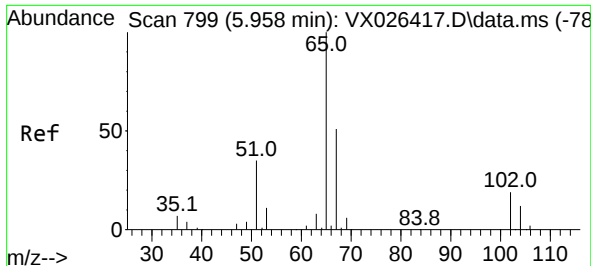
Tgt Ion: 43 Resp: 2051
Ion Ratio Lower Upper
43 100
74 15.6 18.3 27.5#



#20
Methylene Chloride
Concen: 2.169 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026744.D
Acq: 02 Feb 2022 18:06

Tgt Ion: 84 Resp: 3094
Ion Ratio Lower Upper
84 100
49 110.4 101.5 152.3
51 37.2 31.2 46.8
86 59.7 51.3 76.9





#33

1,2-Dichloroethane-d4

Concen: 46.016 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX026744.D

Acq: 02 Feb 2022 18:06

Instrument :

MSVOA_X

ClientSampleId :

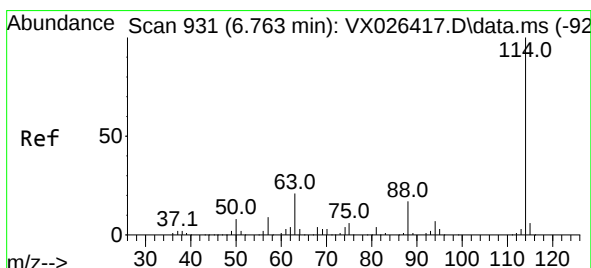
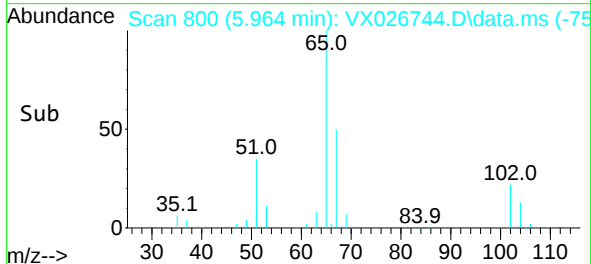
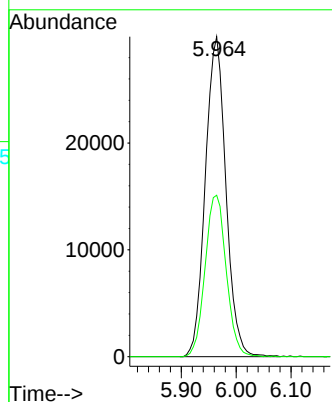
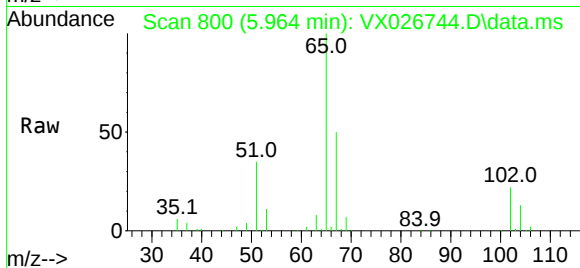
PB142421ZHE#03

Tgt Ion: 65 Resp: 77907

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX026744.D

Acq: 02 Feb 2022 18:06

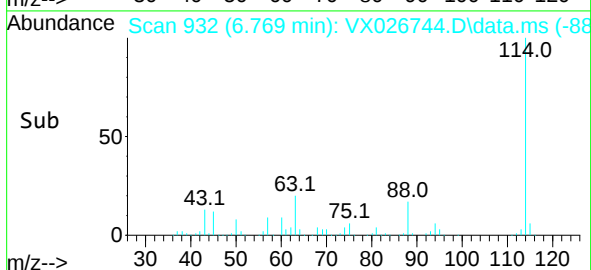
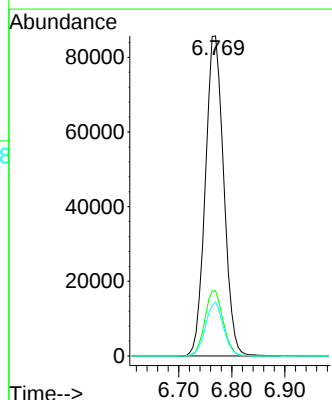
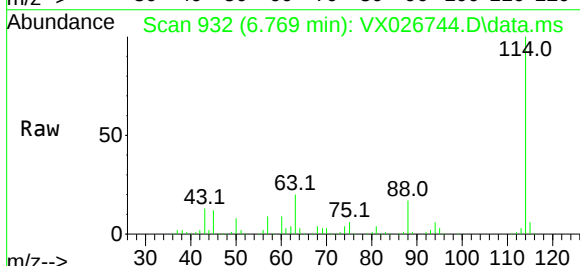
Tgt Ion: 114 Resp: 206330

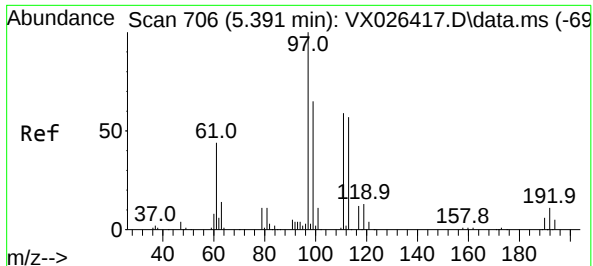
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.8

88 16.9 0.0 33.0

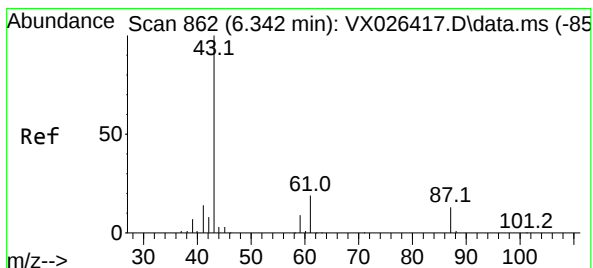
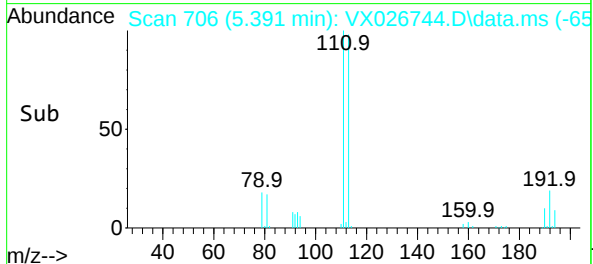
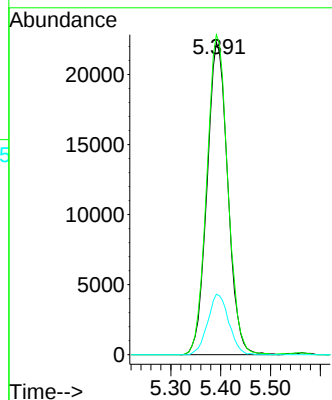
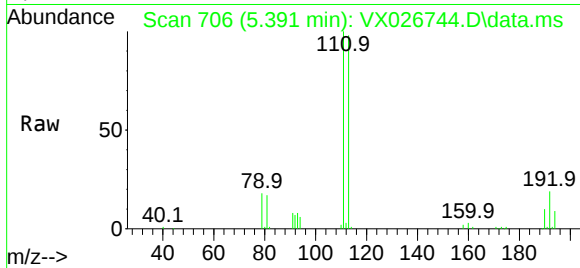




#35
Dibromofluoromethane
Concen: 48.375 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026744.D
Acq: 02 Feb 2022 18:06

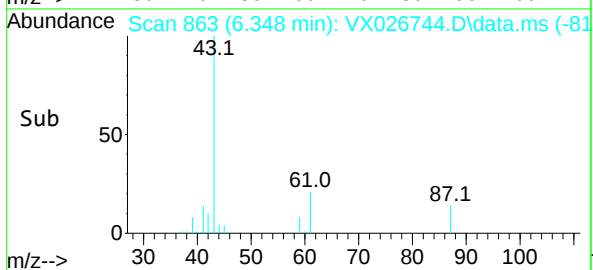
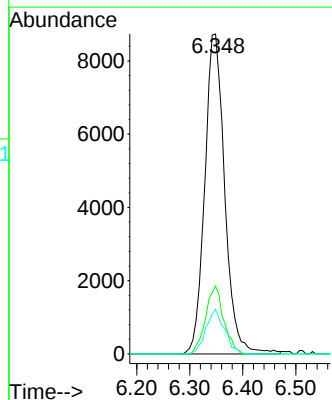
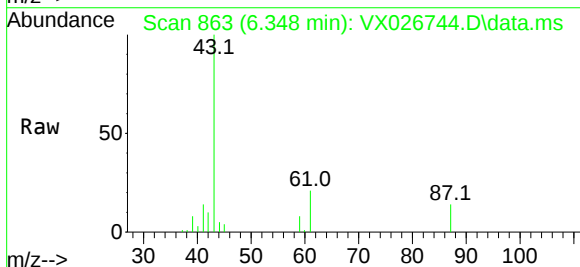
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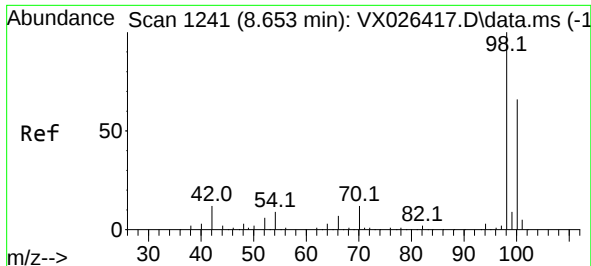
Tgt Ion:113 Resp: 64455
Ion Ratio Lower Upper
113 100
111 103.6 81.2 121.8
192 19.7 15.0 22.4



#43
Isopropyl Acetate
Concen: 6.663 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX026744.D
Acq: 02 Feb 2022 18:06

Tgt Ion: 43 Resp: 22902
Ion Ratio Lower Upper
43 100
61 19.3 15.4 23.0
87 13.0 10.2 15.2

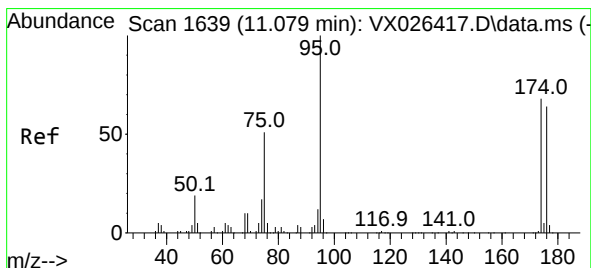
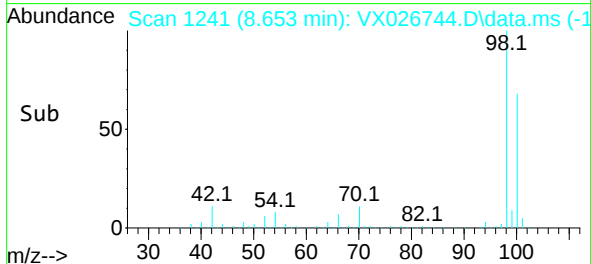
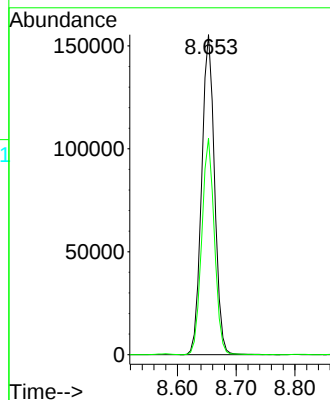
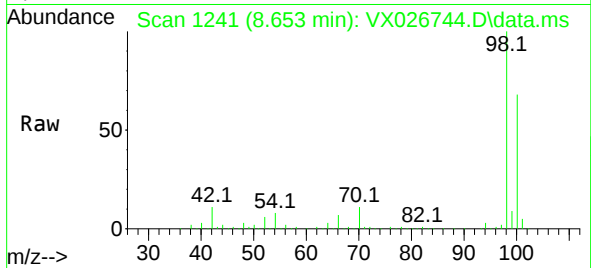




#50
Toluene-d8
Concen: 49.398 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026744.D
Acq: 02 Feb 2022 18:06

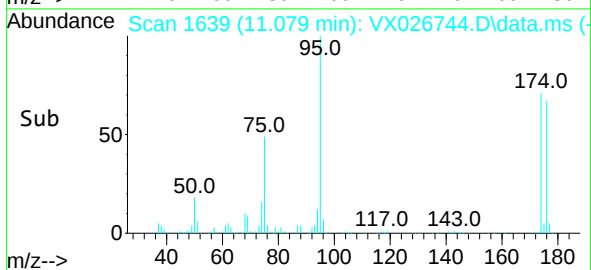
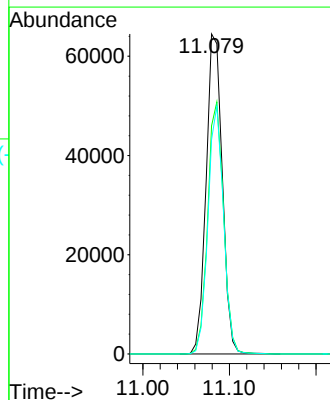
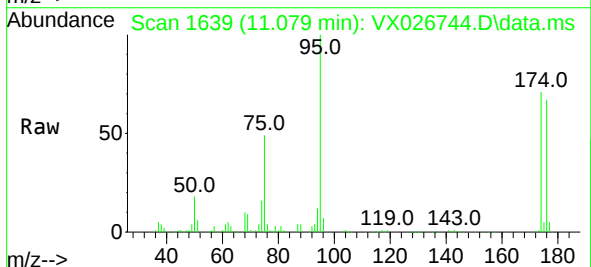
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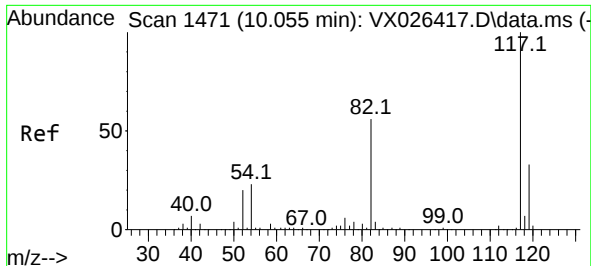
Tgt Ion: 98 Resp: 237182
Ion Ratio Lower Upper
98 100
100 66.5 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 49.115 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026744.D
Acq: 02 Feb 2022 18:06

Tgt Ion: 95 Resp: 83773
Ion Ratio Lower Upper
95 100
174 77.2 0.0 148.6
176 74.2 0.0 141.4

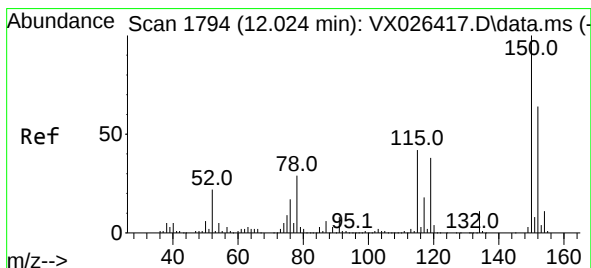
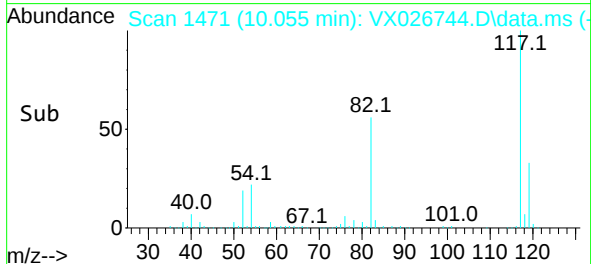
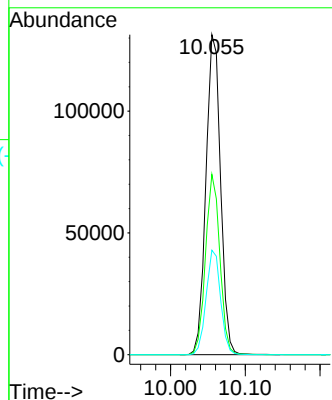
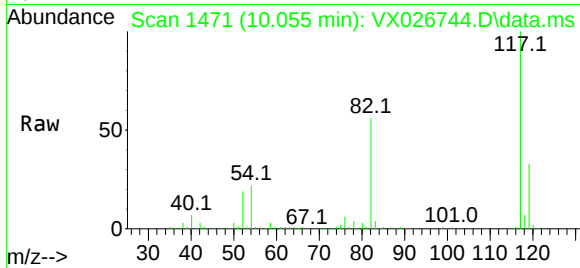




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026744.D
Acq: 02 Feb 2022 18:06

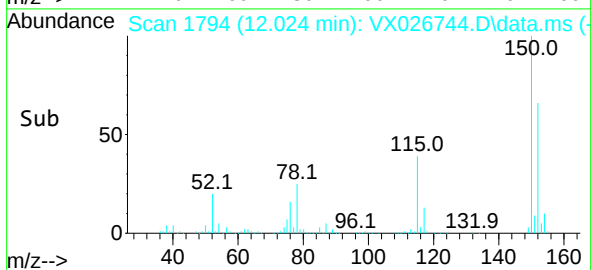
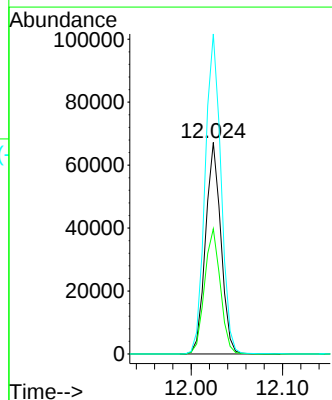
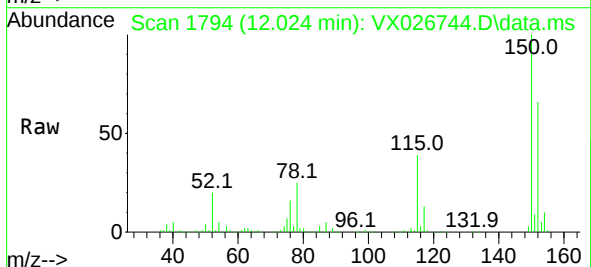
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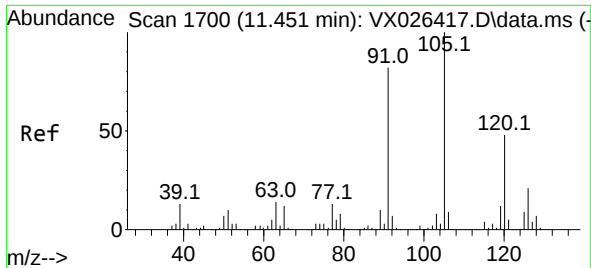
Tgt Ion:117 Resp: 178190
Ion Ratio Lower Upper
117 100
82 56.4 45.2 67.8
119 32.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026744.D
Acq: 02 Feb 2022 18:06

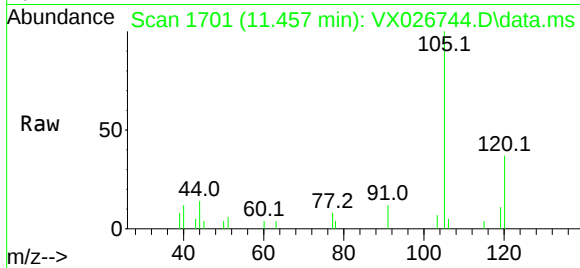
Tgt Ion:152 Resp: 78082
Ion Ratio Lower Upper
152 100
115 60.7 44.2 132.6
150 156.5 0.0 348.2





#80
 1,3,5-Trimethylbenzene
 Concen: 0.317 ug/l
 RT: 11.457 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX026744.D
 Acq: 02 Feb 2022 18:06

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142421ZHE#03



Tgt Ion:105 Resp: 1673
 Ion Ratio Lower Upper
 105 100
 120 45.7 24.0 72.0

