

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020322\
 Data File : VX026760.D
 Acq On : 03 Feb 2022 16:02
 Operator : JC/MD
 Sample : PB142440ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142440ZHE#03

Quant Time: Feb 04 02:33:47 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)

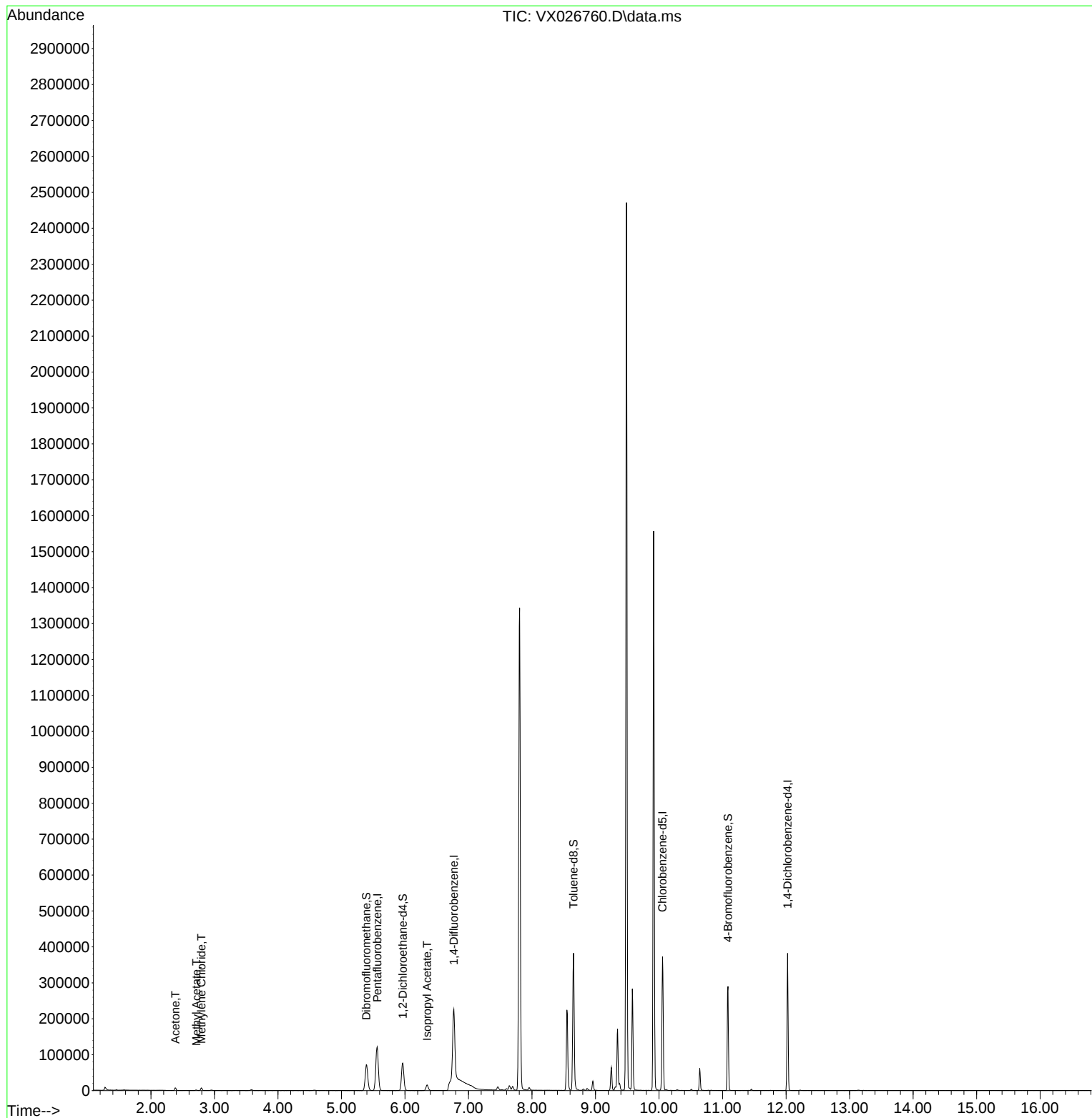
Internal Standards						
1) Pentafluorobenzene	5.562	168	117058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	201273	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	170939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	75931	46.435	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.860%
35) Dibromofluoromethane	5.391	113	62709	48.247	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.500%
50) Toluene-d8	8.653	98	226260	48.307	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.620%
62) 4-Bromofluorobenzene	11.085	95	81267	48.843	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.680%
Target Compounds						
					Qvalue	
16) Acetone	2.385	43	9021	10.818	ug/l	99
18) Methyl Acetate	2.715	43	2076	1.252	ug/l	98
20) Methylene Chloride	2.794	84	3265	2.370	ug/l	94
43) Isopropyl Acetate	6.348	43	22241	6.634	ug/l	100

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

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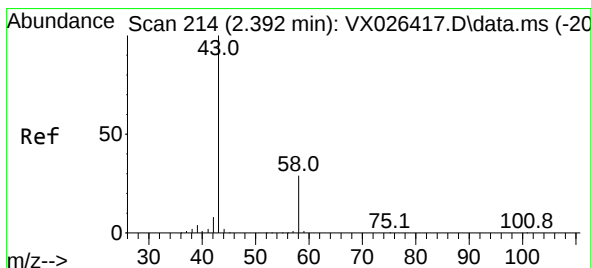
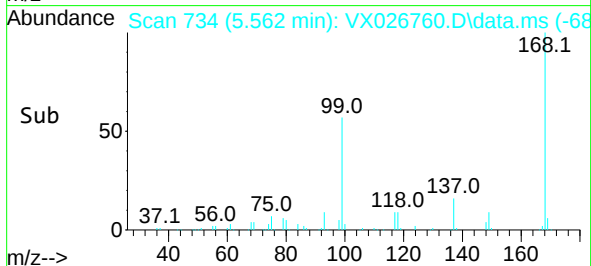
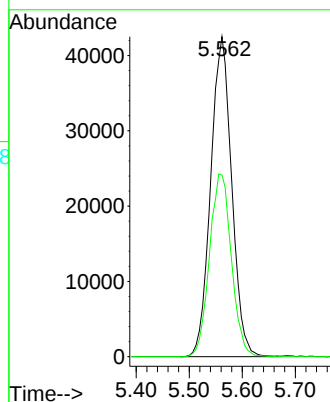
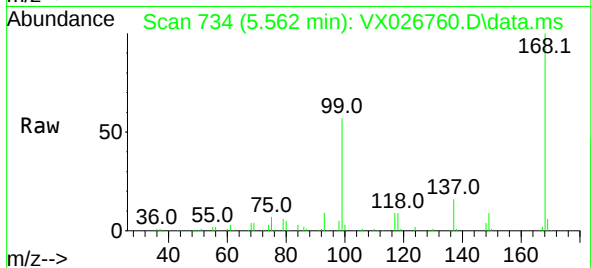




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026760.D
Acq: 03 Feb 2022 16:02

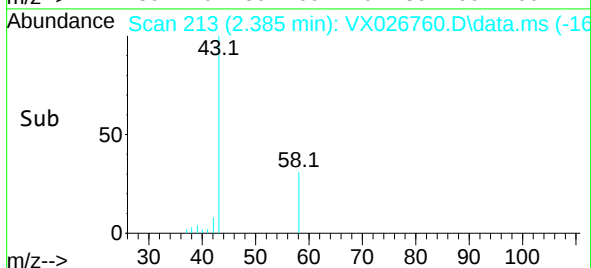
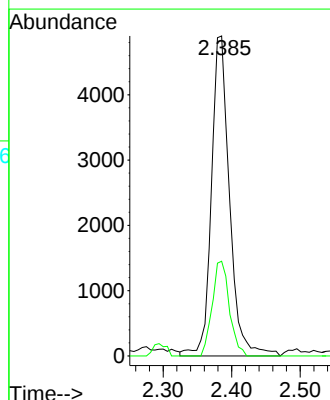
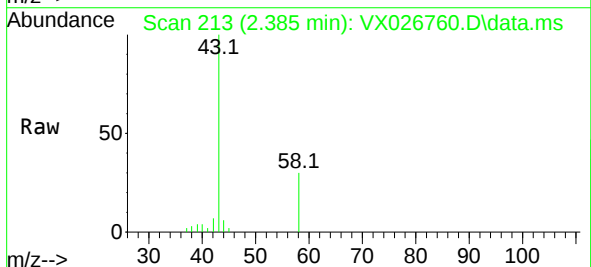
Instrument :
MSVOA_X
ClientSampleId :
PB142440ZHE#03

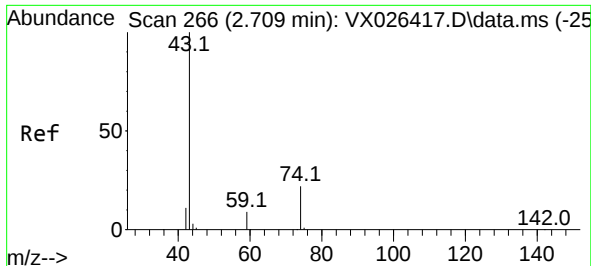
Tgt Ion:168 Resp: 117058
Ion Ratio Lower Upper
168 100
99 56.8 50.3 75.5



#16
Acetone
Concen: 10.818 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026760.D
Acq: 03 Feb 2022 16:02

Tgt Ion: 43 Resp: 9021
Ion Ratio Lower Upper
43 100
58 29.6 23.0 34.6

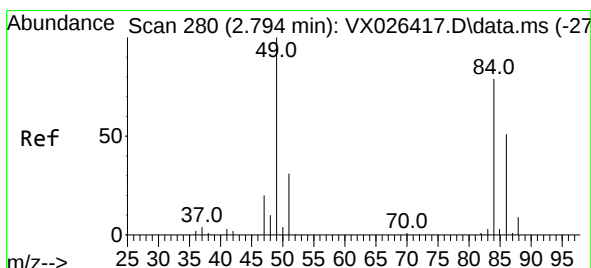
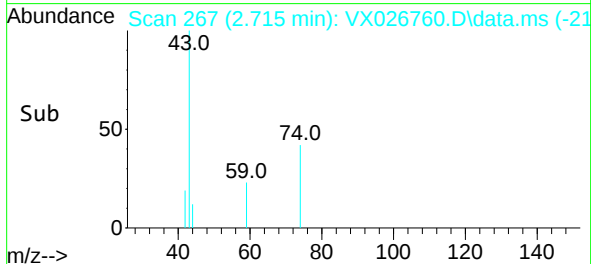
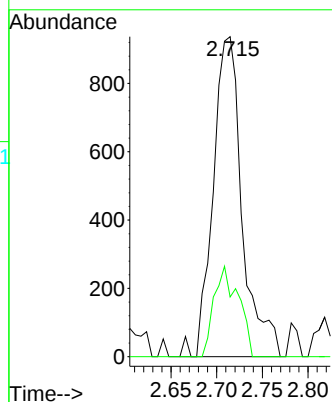
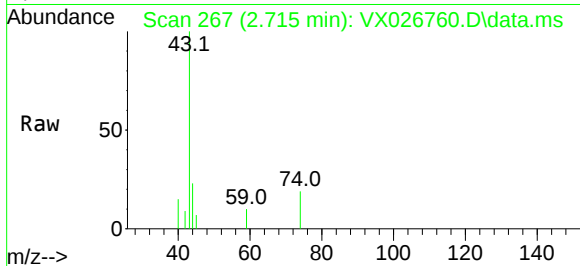




#18
Methyl Acetate
Concen: 1.252 ug/l
RT: 2.715 min Scan# 2076
Delta R.T. 0.006 min
Lab File: VX026760.D
Acq: 03 Feb 2022 16:02

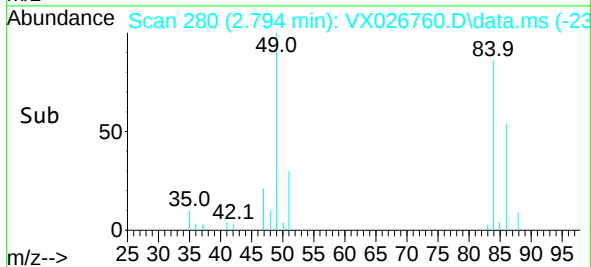
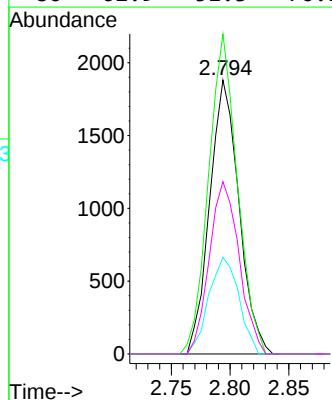
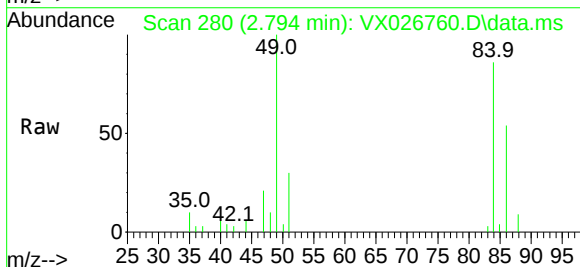
Instrument :
MSVOA_X
ClientSampleId :
PB142440ZHE#03

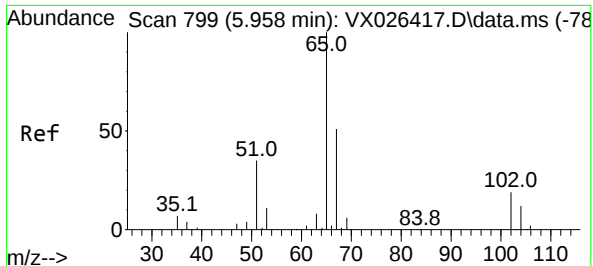
Tgt Ion: 43 Resp: 2076
Ion Ratio Lower Upper
43 100
74 23.7 18.3 27.5



#20
Methylene Chloride
Concen: 2.370 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX026760.D
Acq: 03 Feb 2022 16:02

Tgt Ion: 84 Resp: 3265
Ion Ratio Lower Upper
84 100
49 116.8 101.5 152.3
51 35.3 31.2 46.8
86 62.9 51.3 76.9





#33

1,2-Dichloroethane-d4

Concen: 46.435 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX026760.D

Acq: 03 Feb 2022 16:02

Instrument :

MSVOA_X

ClientSampleId :

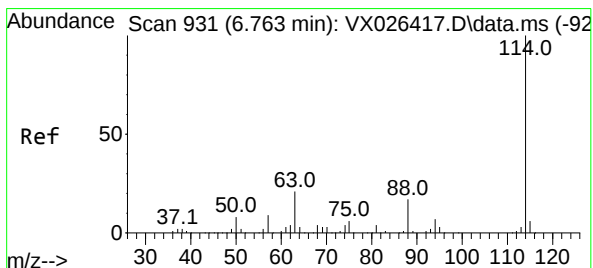
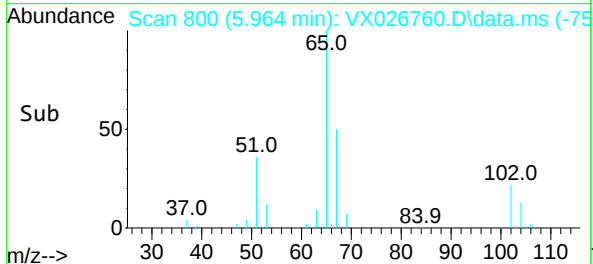
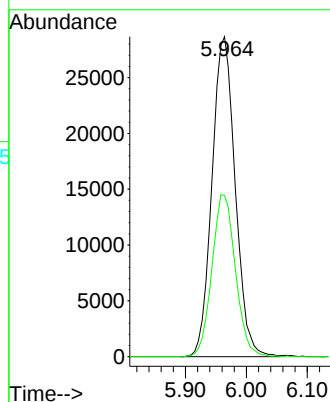
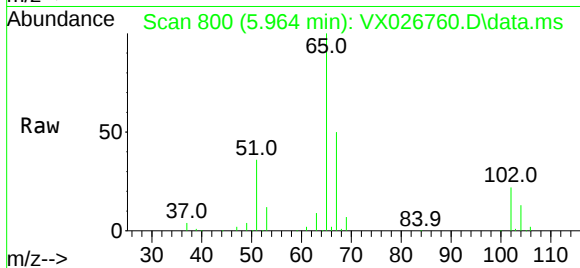
PB142440ZHE#03

Tgt Ion: 65 Resp: 75931

Ion Ratio Lower Upper

65 100

67 51.2 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: VX026760.D

Acq: 03 Feb 2022 16:02

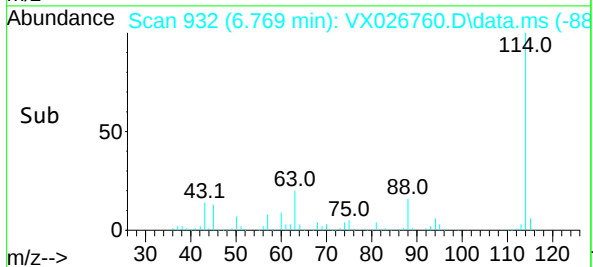
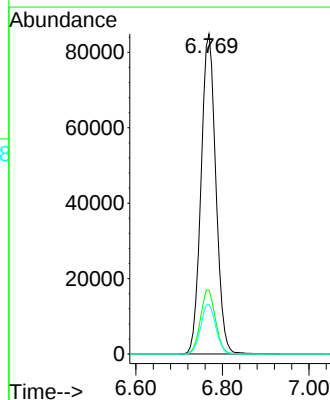
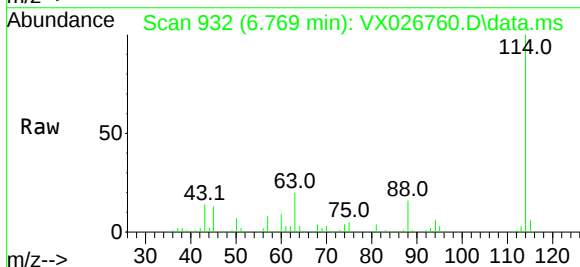
Tgt Ion: 114 Resp: 201273

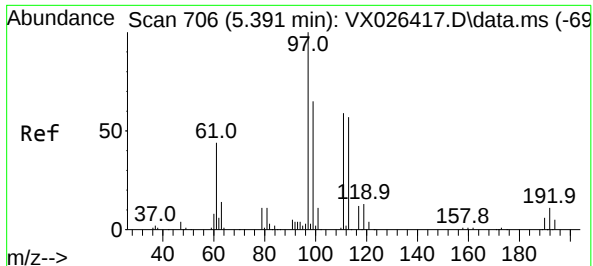
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.8

88 15.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.247 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX026760.D

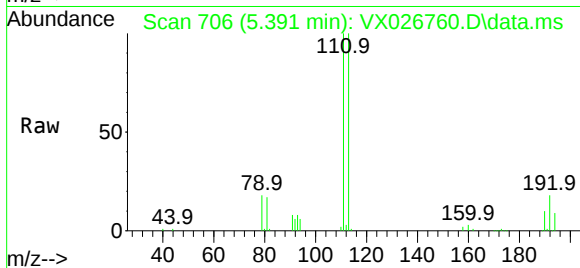
Acq: 03 Feb 2022 16:02

Instrument :

MSVOA_X

ClientSampleId :

PB142440ZHE#03



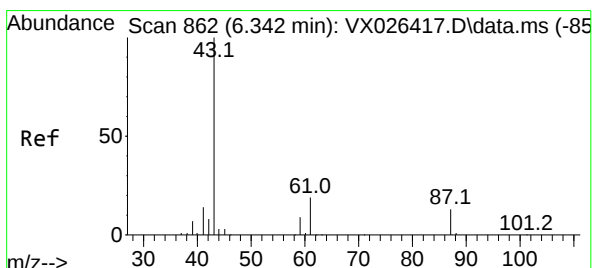
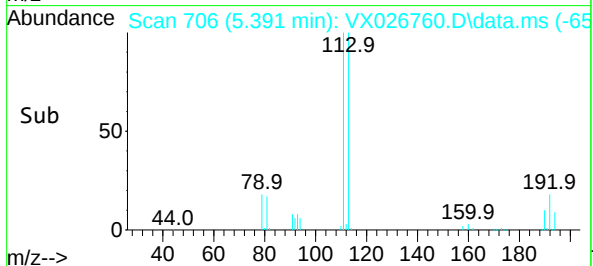
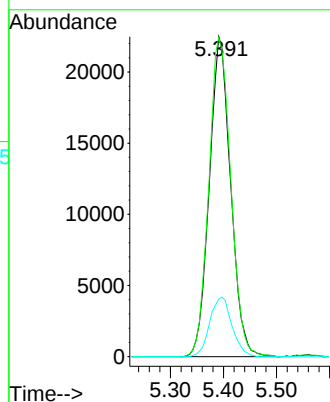
Tgt Ion:113 Resp: 62709

Ion Ratio Lower Upper

113 100

111 103.1 81.2 121.8

192 19.4 15.0 22.4



#43

Isopropyl Acetate

Concen: 6.634 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX026760.D

Acq: 03 Feb 2022 16:02

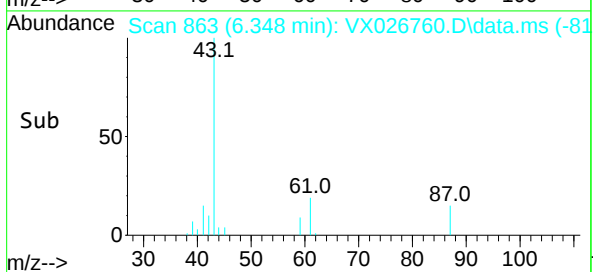
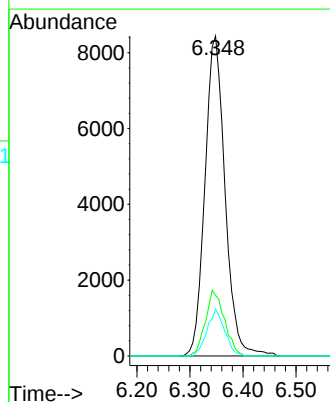
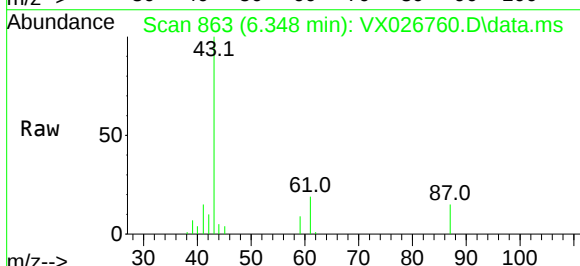
Tgt Ion: 43 Resp: 22241

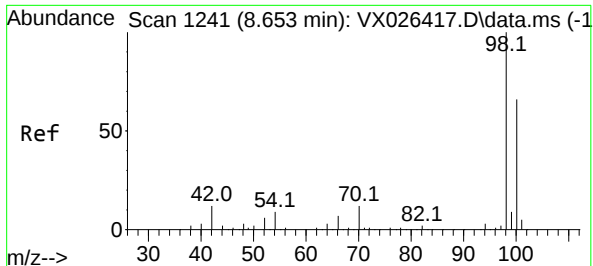
Ion Ratio Lower Upper

43 100

61 19.4 15.4 23.0

87 12.8 10.2 15.2

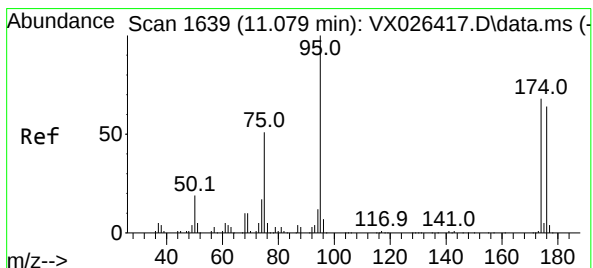
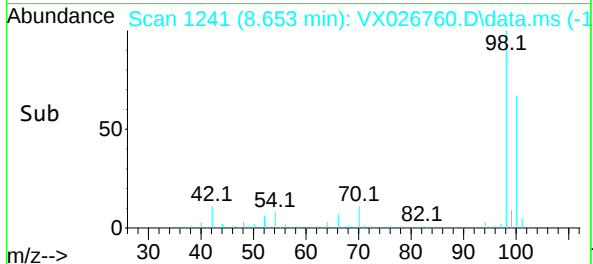
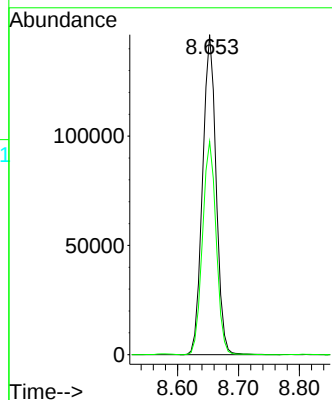
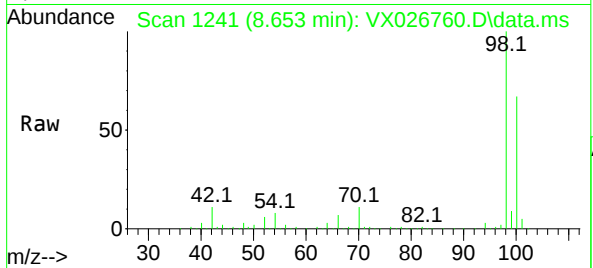




#50
Toluene-d8
Concen: 48.307 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026760.D
Acq: 03 Feb 2022 16:02

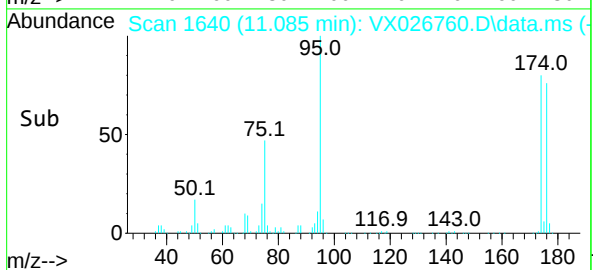
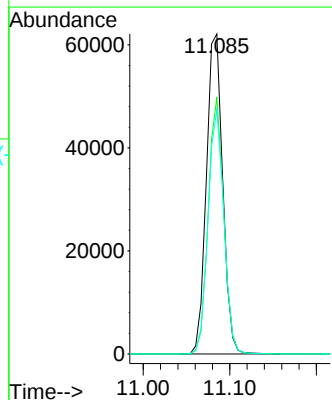
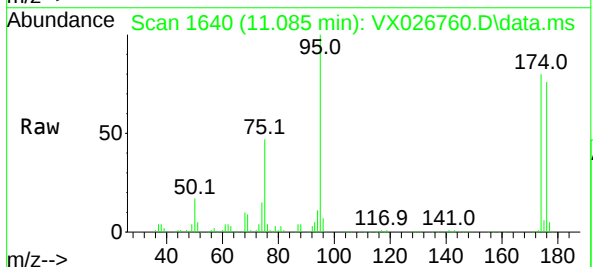
Instrument :
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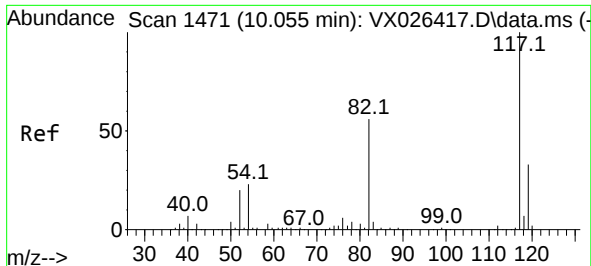
Tgt Ion: 98 Resp: 226260
Ion Ratio Lower Upper
98 100
100 67.3 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 48.843 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX026760.D
Acq: 03 Feb 2022 16:02

Tgt Ion: 95 Resp: 81267
Ion Ratio Lower Upper
95 100
174 75.9 0.0 148.6
176 74.2 0.0 141.4

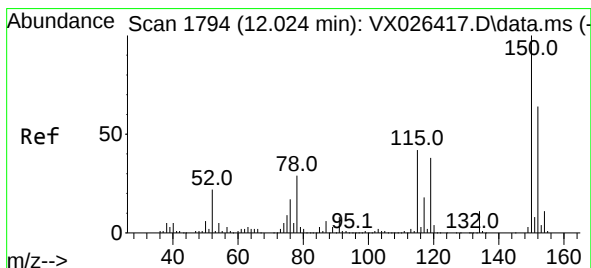
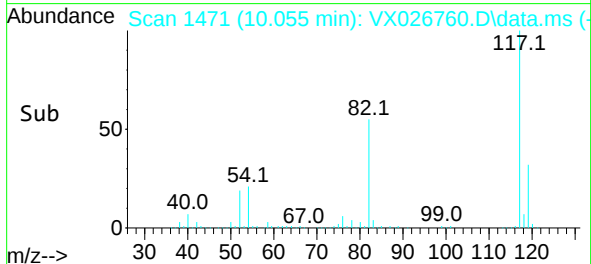
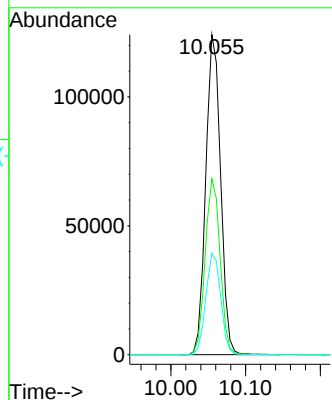
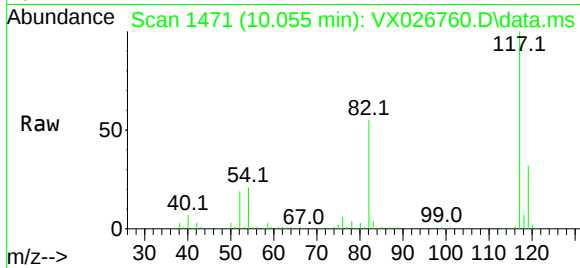




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026760.D
Acq: 03 Feb 2022 16:02

Instrument :
MSVOA_X
ClientSampleId :
PB142440ZHE#03

Tgt Ion:117 Resp: 170939
Ion Ratio Lower Upper
117 100
82 55.0 45.2 67.8
119 31.6 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: VX026760.D
Acq: 03 Feb 2022 16:02

Tgt Ion:152 Resp: 75383
Ion Ratio Lower Upper
152 100
115 60.3 44.2 132.6
150 156.2 0.0 348.2

