

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072822\
 Data File : VX030278.D
 Acq On : 28 Jul 2022 18:32
 Operator : JC/MD
 Sample : N3773-16MEDL 10X
 Misc : 5.73g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DL-3(5-5.5)ME

Quant Time: Jul 29 05:59:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

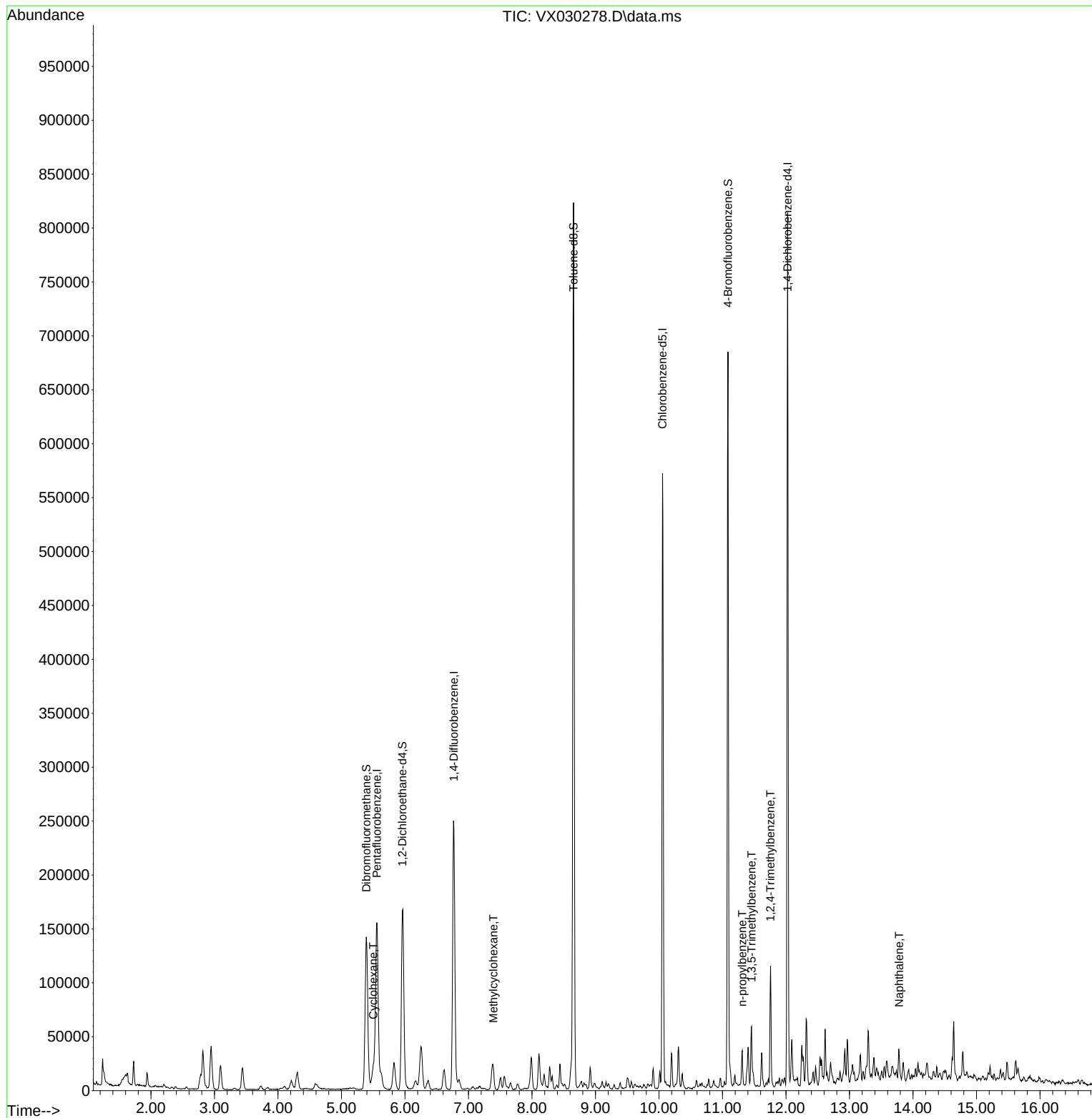
Internal Standards						
1) Pentafluorobenzene	5.556	168	147213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	257433	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	262024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	158809	53.672	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.340%	
35) Dibromofluoromethane	5.391	113	127165	51.674	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.340%	
50) Toluene-d8	8.653	98	487344	51.136	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.280%	
62) 4-Bromofluorobenzene	11.085	95	180656	51.077	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.160%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.501	56	8665	2.017	ug/l #	57
39) Methylcyclohexane	7.391	83	10118	2.213	ug/l	95
78) n-propylbenzene	11.311	91	20233	1.392	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	24337	2.387	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	45038	4.428	ug/l	99
95) Naphthalene	13.780	128	16233	1.314	ug/l #	96

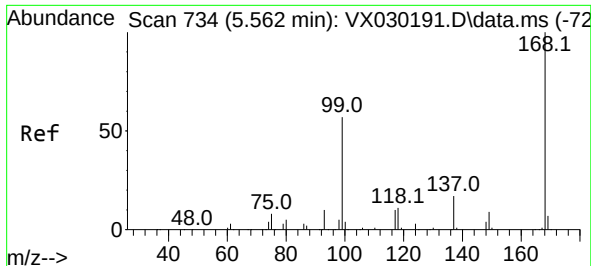
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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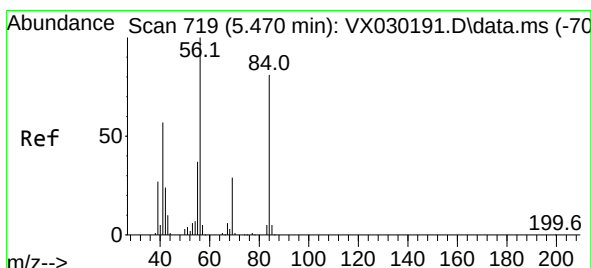
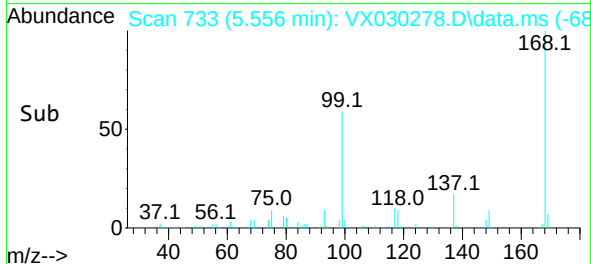
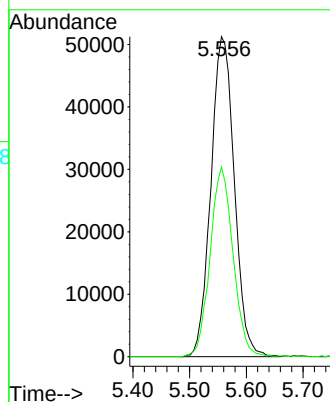
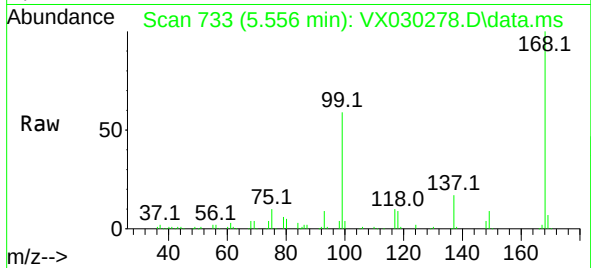




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX030278.D
Acq: 28 Jul 2022 18:32

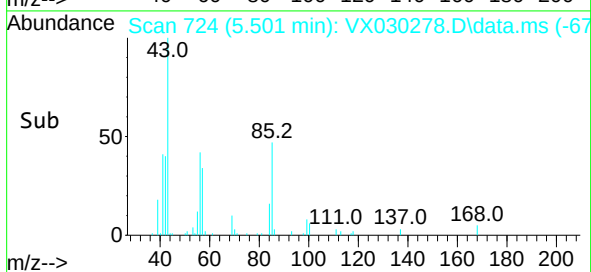
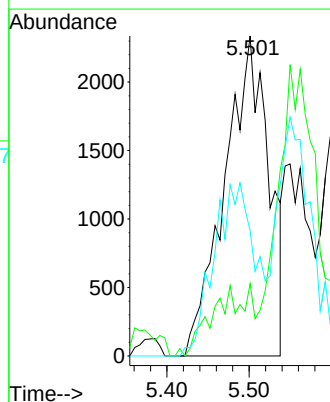
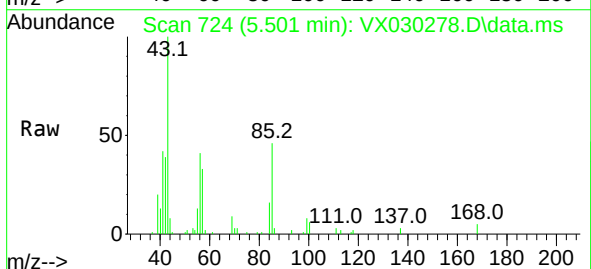
Instrument :
MSVOA_X
ClientSampleId :
DL-3(5-5.5)ME

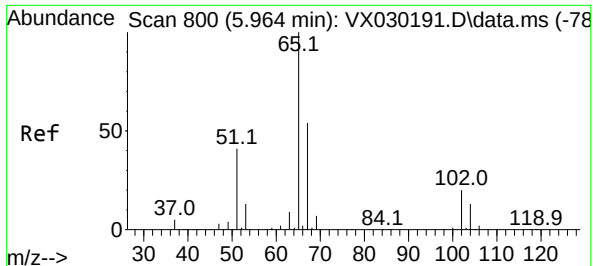
Tgt Ion:168 Resp: 147213
Ion Ratio Lower Upper
168 100
99 59.3 44.0 66.0



#31
Cyclohexane
Concen: 2.017 ug/l
RT: 5.501 min Scan# 724
Delta R.T. 0.031 min
Lab File: VX030278.D
Acq: 28 Jul 2022 18:32

Tgt Ion: 56 Resp: 8665
Ion Ratio Lower Upper
56 100
69 20.3 25.4 38.0#
84 39.2 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 53.672 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX030278.D

Acq: 28 Jul 2022 18:32

Instrument :

MSVOA_X

ClientSampleId :

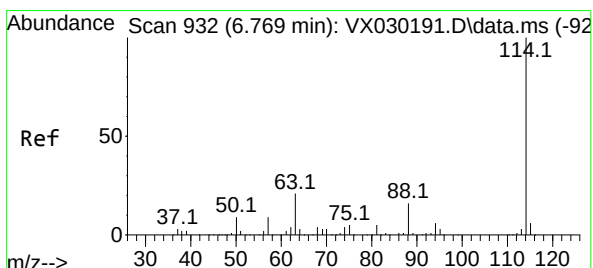
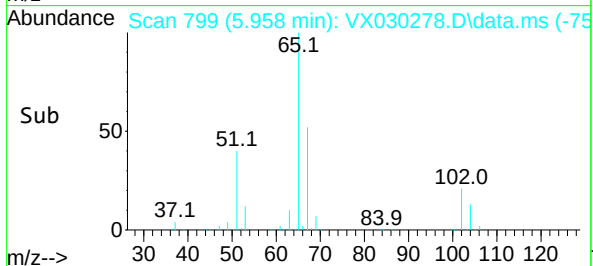
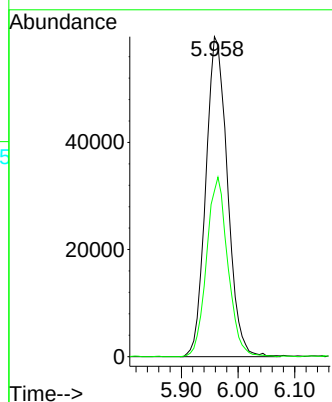
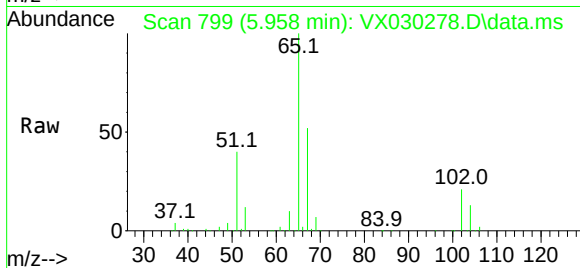
DL-3(5-5.5)ME

Tgt Ion: 65 Resp: 158809

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030278.D

Acq: 28 Jul 2022 18:32

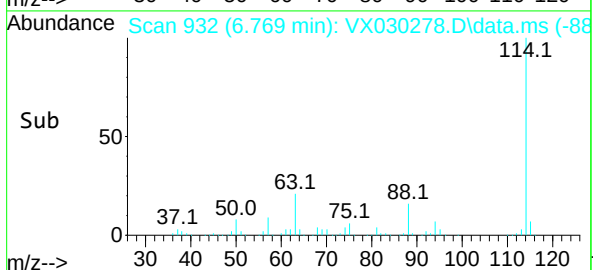
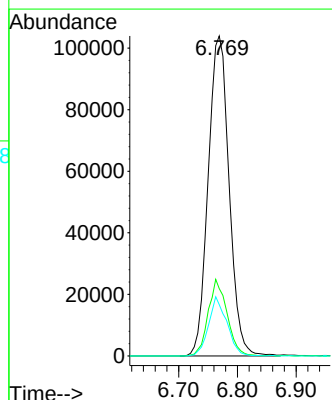
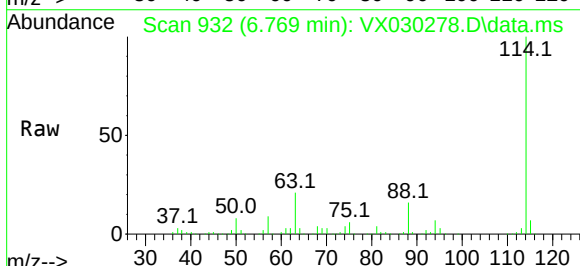
Tgt Ion: 114 Resp: 257433

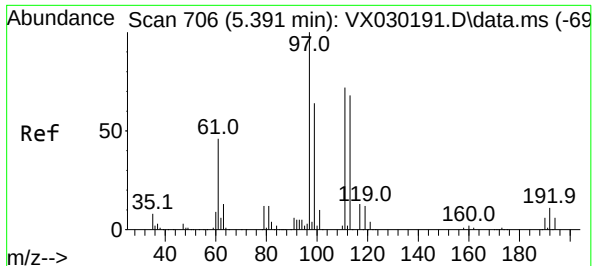
Ion Ratio Lower Upper

114 100

63 21.0 0.0 38.4

88 16.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.674 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030278.D

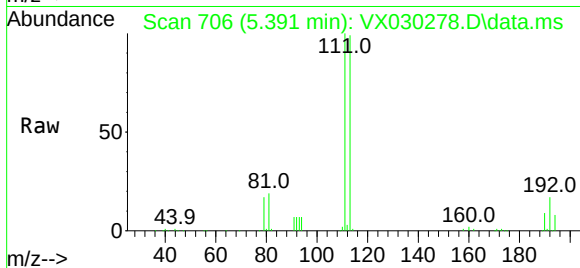
Acq: 28 Jul 2022 18:32

Instrument :

MSVOA_X

ClientSampleId :

DL-3(5-5.5)ME



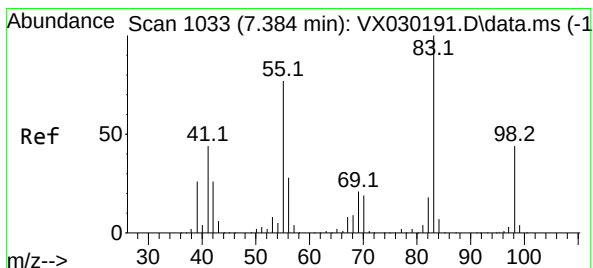
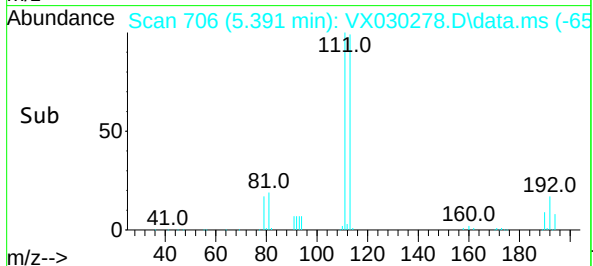
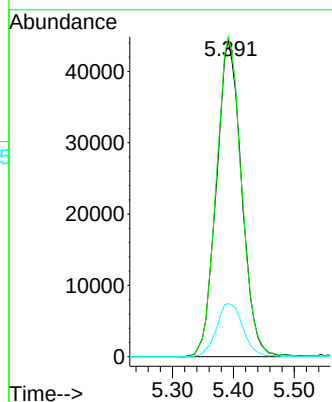
Tgt Ion:113 Resp: 127165

Ion Ratio Lower Upper

113 100

111 101.5 83.2 124.8

192 17.8 14.8 22.2



#39

Methylcyclohexane

Concen: 2.213 ug/l

RT: 7.391 min Scan# 1034

Delta R.T. 0.007 min

Lab File: VX030278.D

Acq: 28 Jul 2022 18:32

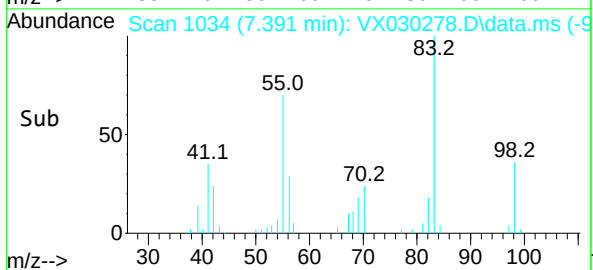
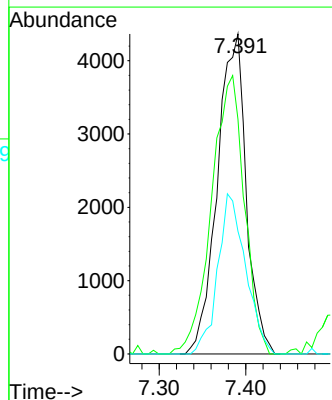
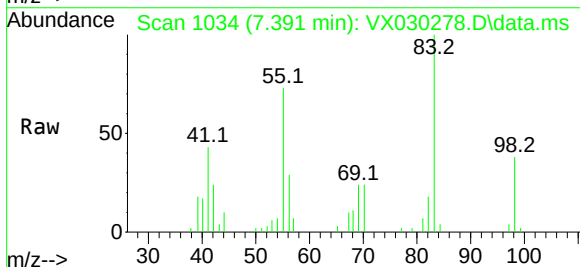
Tgt Ion: 83 Resp: 10118

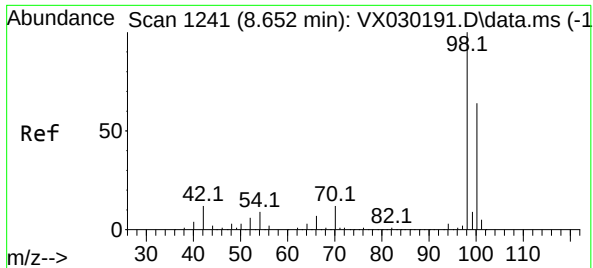
Ion Ratio Lower Upper

83 100

55 73.3 57.7 86.5

98 38.3 36.5 54.7

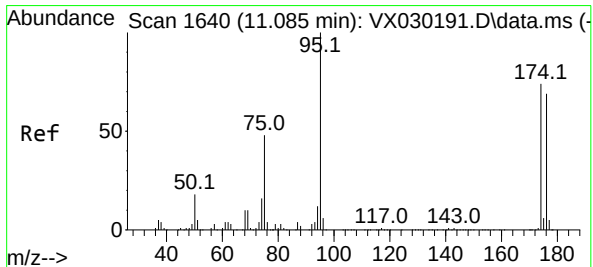
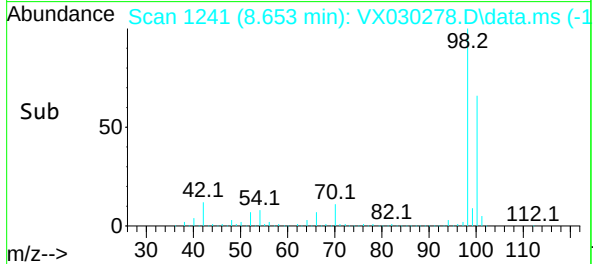
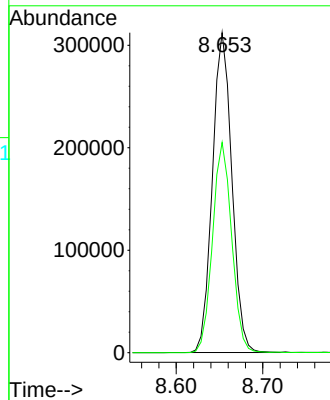
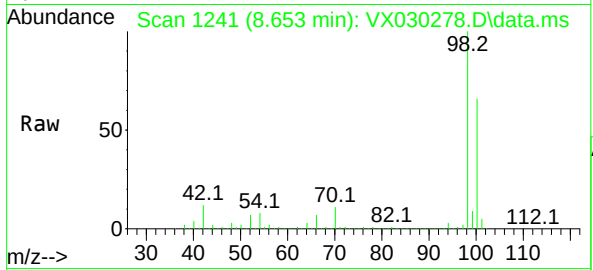




#50
Toluene-d8
Concen: 51.136 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030278.D
Acq: 28 Jul 2022 18:32

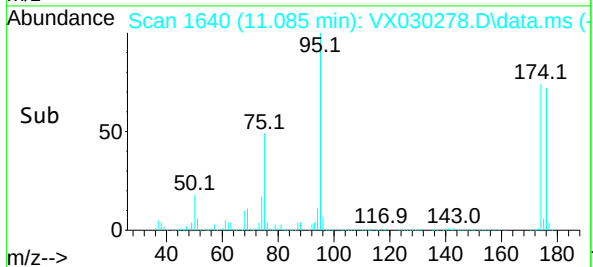
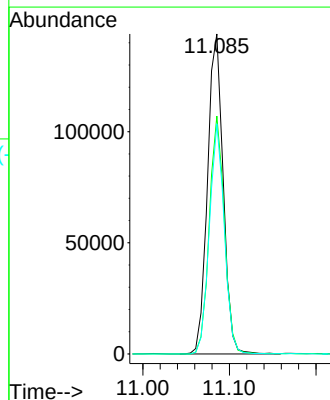
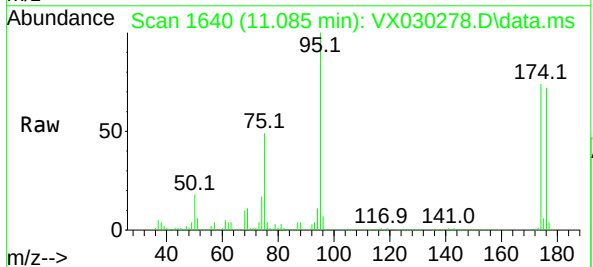
Instrument :
MSVOA_X
ClientSampleId :
DL-3(5-5.5)ME

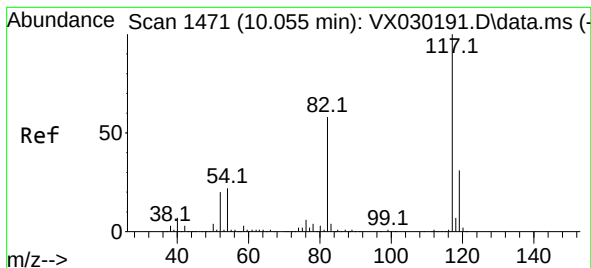
Tgt Ion: 98 Resp: 487344
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 51.077 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030278.D
Acq: 28 Jul 2022 18:32

Tgt Ion: 95 Resp: 180656
Ion Ratio Lower Upper
95 100
174 71.6 0.0 149.0
176 68.5 0.0 146.0

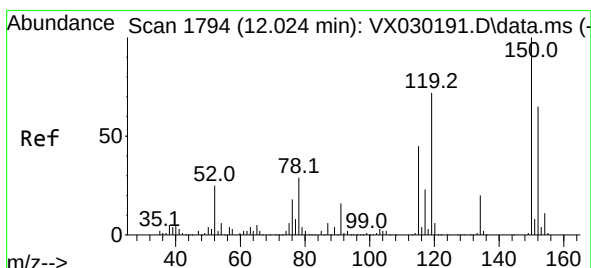
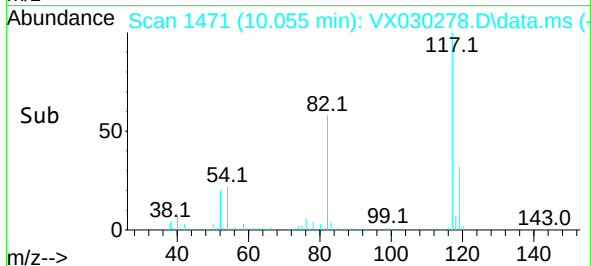
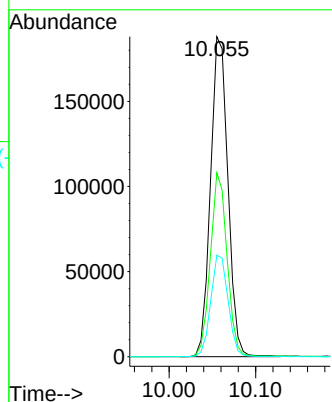
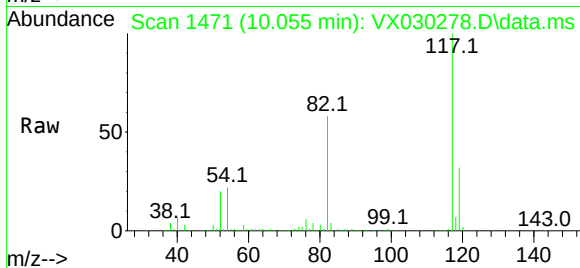




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030278.D
Acq: 28 Jul 2022 18:32

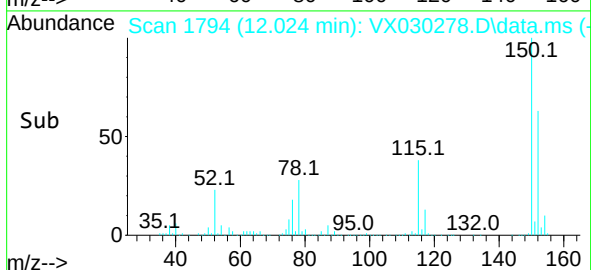
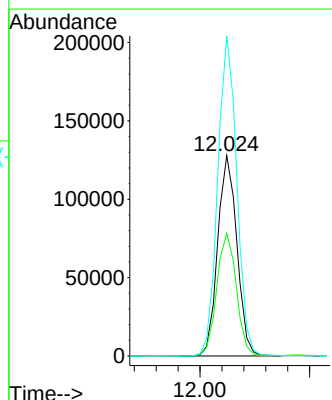
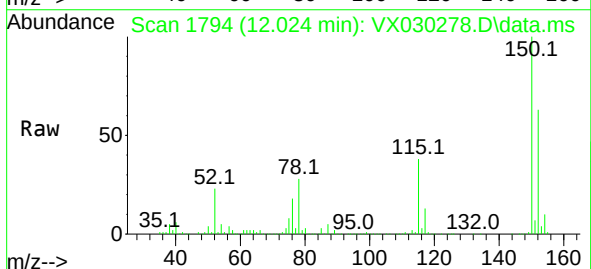
Instrument :
MSVOA_X
ClientSampleId :
DL-3(5-5.5)ME

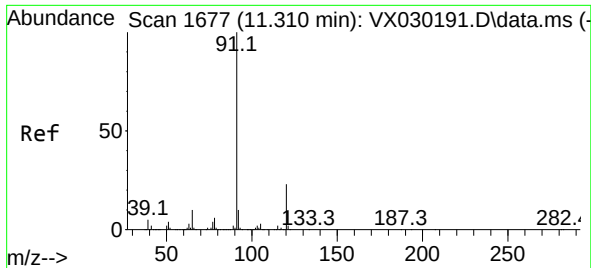
Tgt Ion:117 Resp: 262024
Ion Ratio Lower Upper
117 100
82 57.5 42.7 64.1
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030278.D
Acq: 28 Jul 2022 18:32

Tgt Ion:152 Resp: 155970
Ion Ratio Lower Upper
152 100
115 61.7 40.5 121.5
150 158.4 0.0 347.0

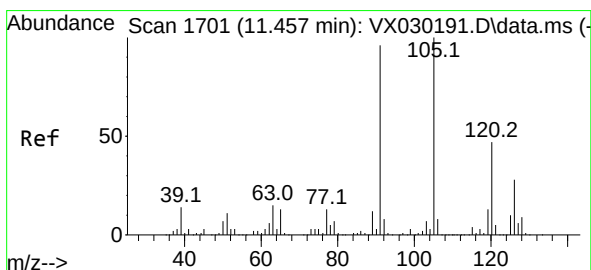
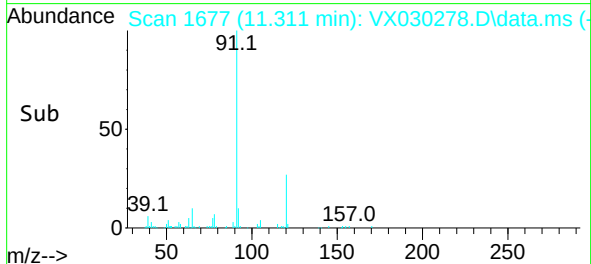
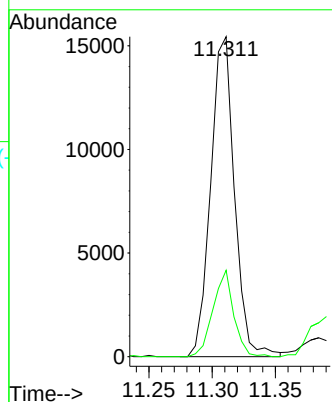
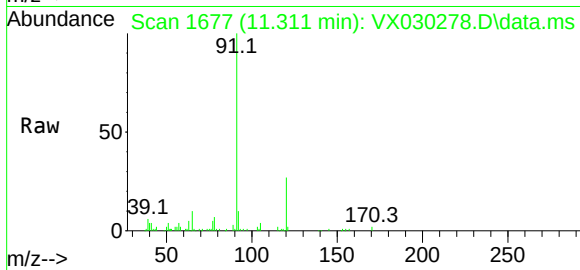




#78
n-propylbenzene
Concen: 1.392 ug/l
RT: 11.311 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030278.D
Acq: 28 Jul 2022 18:32

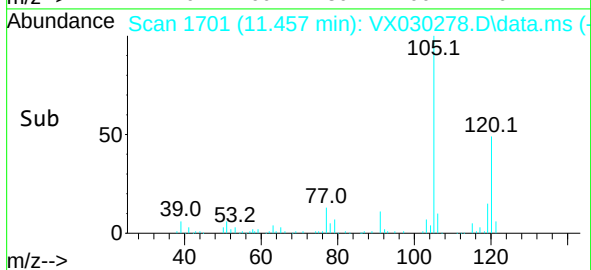
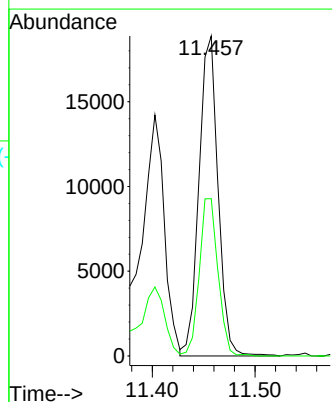
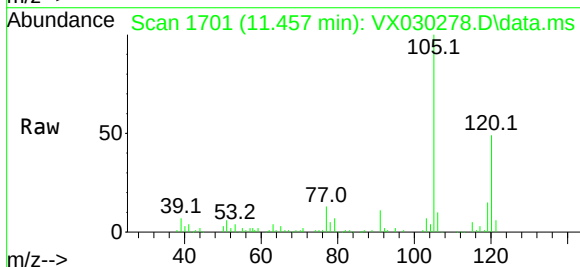
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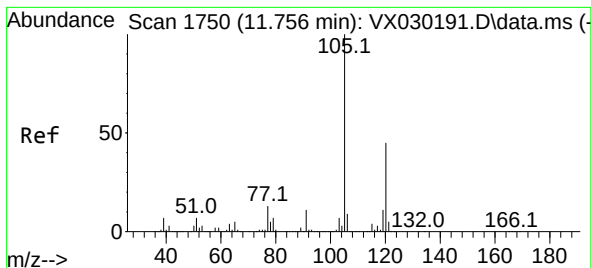
Tgt Ion: 91 Resp: 20233
Ion Ratio Lower Upper
91 100
120 23.5 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 2.387 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030278.D
Acq: 28 Jul 2022 18:32

Tgt Ion: 105 Resp: 24337
Ion Ratio Lower Upper
105 100
120 48.4 24.4 73.2





#84

1,2,4-Trimethylbenzene

Concen: 4.428 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030278.D

Acq: 28 Jul 2022 18:32

Instrument :

MSVOA_X

ClientSampleId :

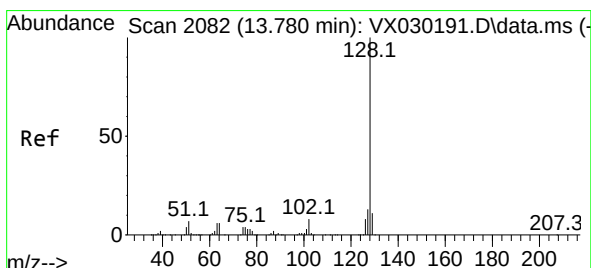
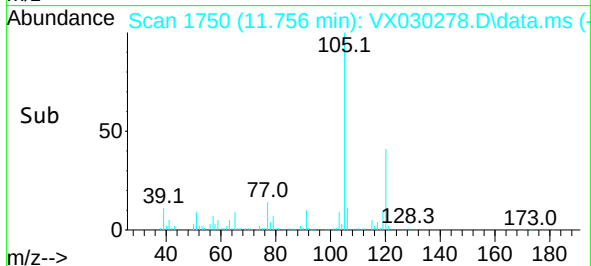
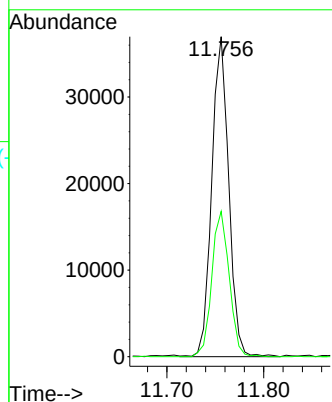
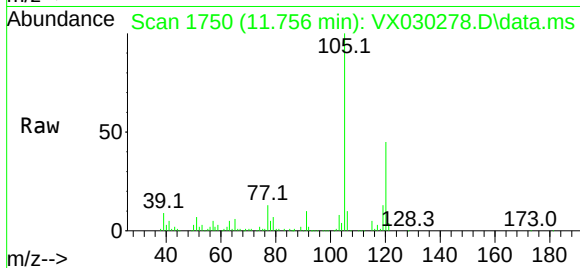
DL-3(5-5.5)ME

Tgt Ion:105 Resp: 45038

Ion Ratio Lower Upper

105 100

120 46.7 22.9 68.8



#95

Naphthalene

Concen: 1.314 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX030278.D

Acq: 28 Jul 2022 18:32

Tgt Ion:128 Resp: 16233

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 14.2 8.6 13.0#

