

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026637.D
 Acq On : 27 Jan 2022 20:07
 Operator : JC/MD
 Sample : N1297-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14DA

Quant Time: Jan 28 04:28:14 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)

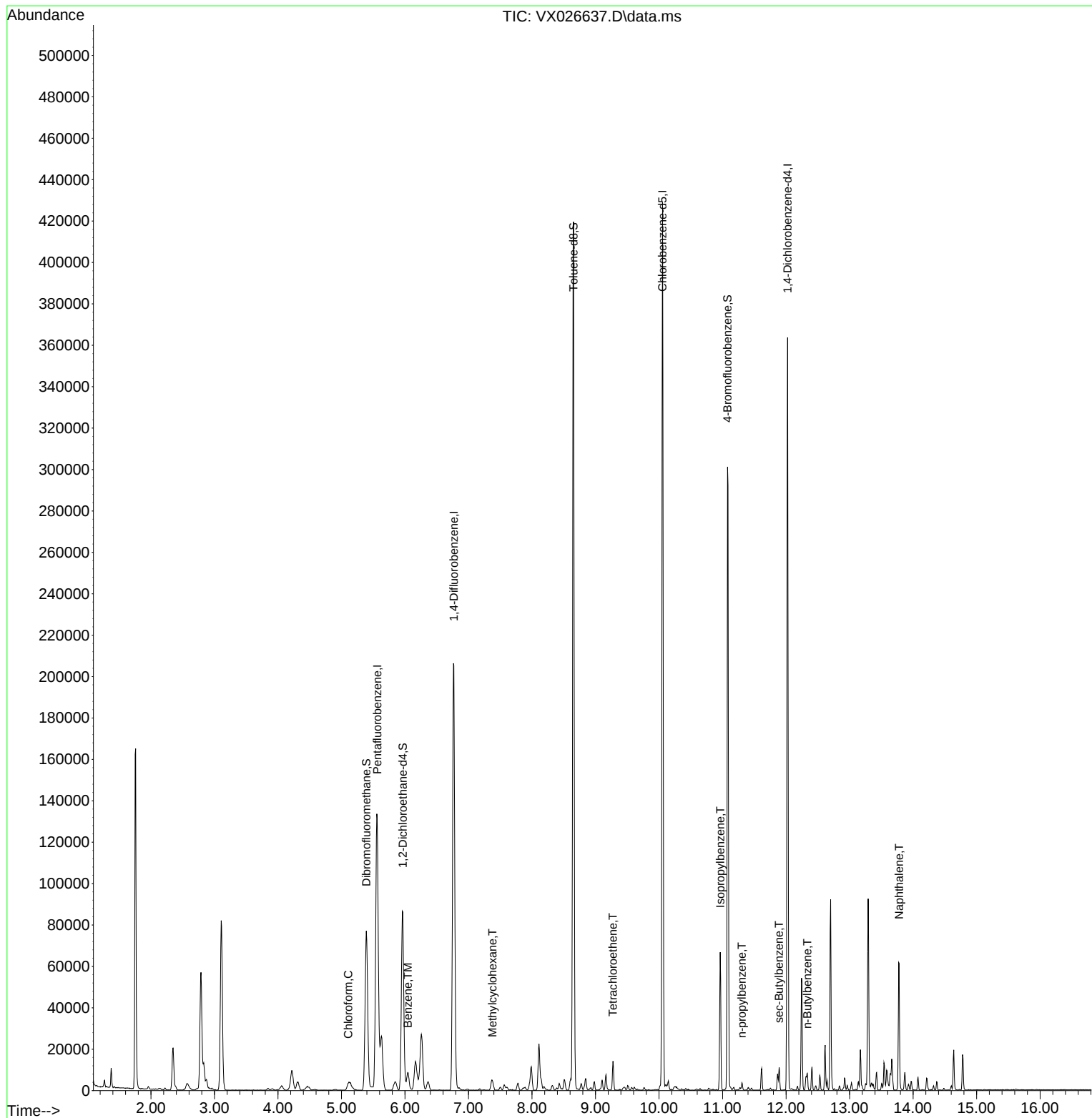
Internal Standards						
1) Pentafluorobenzene	5.562	168	126476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	212502	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	83678	47.362	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.720%
35) Dibromofluoromethane	5.391	113	67266	49.018	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.040%
50) Toluene-d8	8.653	98	248890	50.331	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.660%
62) 4-Bromofluorobenzene	11.079	95	87015	49.534	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.060%
Target Compounds						
					Qvalue	
30) Chloroform	5.105	83	2551	0.921	ug/l	98
39) Methylcyclohexane	7.379	83	1566	0.599	ug/l #	80
40) Benzene	6.044	78	10113	1.689	ug/l	98
64) Tetrachloroethene	9.275	164	2561	1.441	ug/l	86
73) Isopropylbenzene	10.963	105	34209	5.599	ug/l	100
78) n-propylbenzene	11.305	91	2040	0.293	ug/l	95
85) sec-Butylbenzene	11.890	105	5566	0.915	ug/l	100
89) n-Butylbenzene	12.335	91	4070	0.929	ug/l	91
95) Naphthalene	13.780	128	39248	7.402	ug/l	99

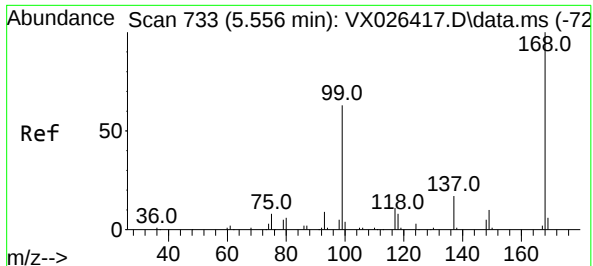
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
Data File : VX026637.D
Acq On : 27 Jan 2022 20:07
Operator : JC/MD
Sample : N1297-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-14DA

Quant Time: Jan 28 04:28:14 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

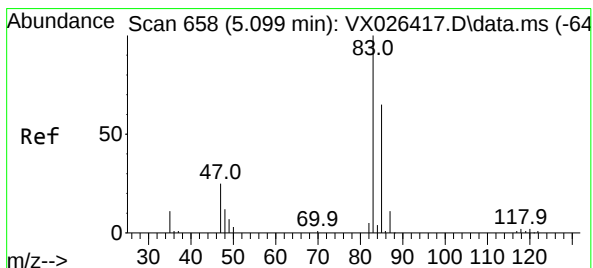
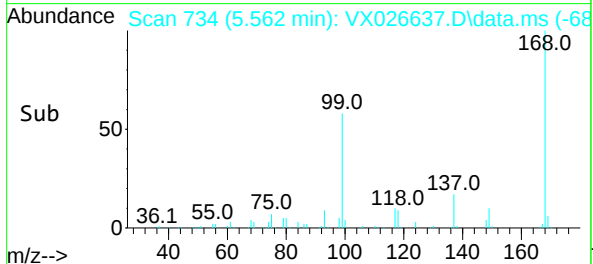
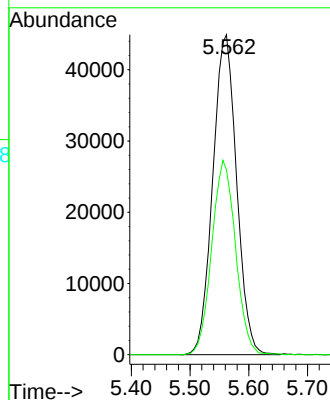
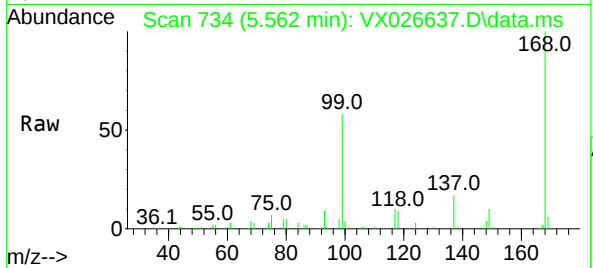




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026637.D
Acq: 27 Jan 2022 20:07

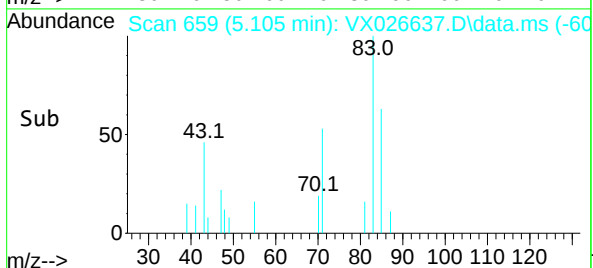
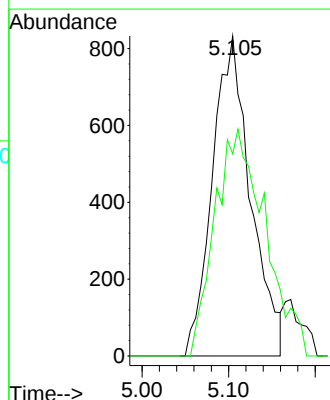
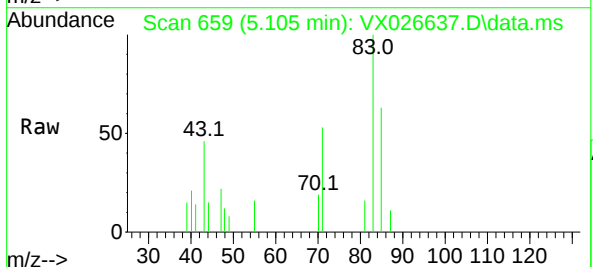
Instrument :
MSVOA_X
ClientSampleId :
MW-14DA

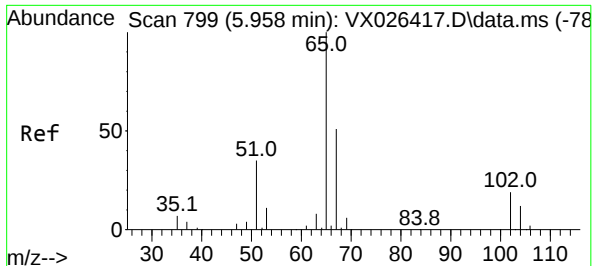
Tgt Ion:168 Resp: 126476
Ion Ratio Lower Upper
168 100
99 57.7 50.3 75.5



#30
Chloroform
Concen: 0.921 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.006 min
Lab File: VX026637.D
Acq: 27 Jan 2022 20:07

Tgt Ion: 83 Resp: 2551
Ion Ratio Lower Upper
83 100
85 63.1 51.6 77.4





#33

1,2-Dichloroethane-d4

Concen: 47.362 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX026637.D

Acq: 27 Jan 2022 20:07

Instrument :

MSVOA_X

ClientSampleId :

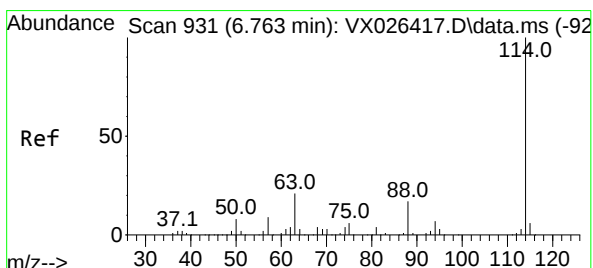
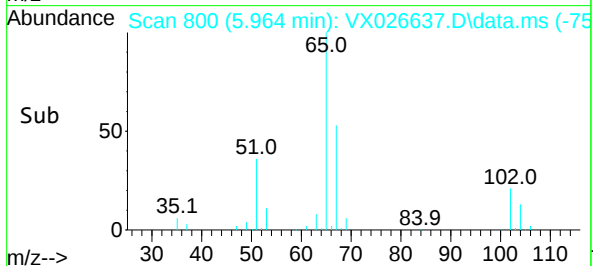
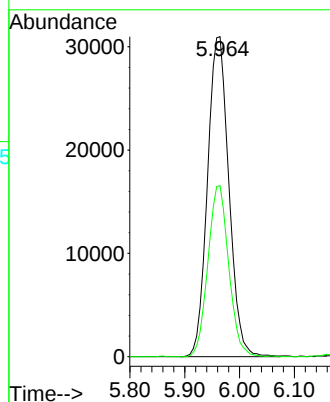
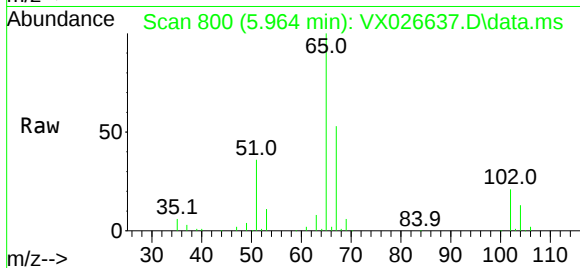
MW-14DA

Tgt Ion: 65 Resp: 83678

Ion Ratio Lower Upper

65 100

67 52.1 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: VX026637.D

Acq: 27 Jan 2022 20:07

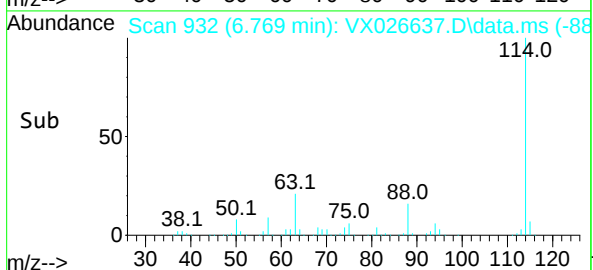
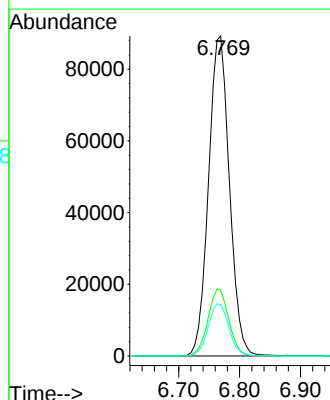
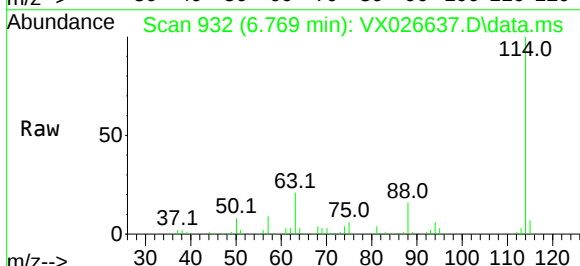
Tgt Ion: 114 Resp: 212502

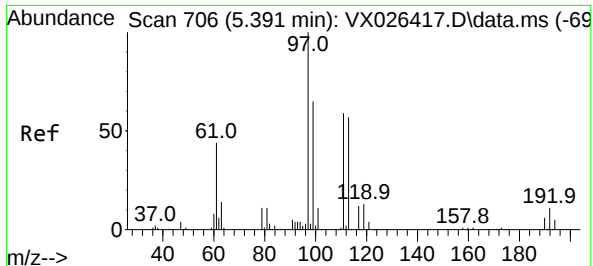
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

88 16.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.018 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX026637.D

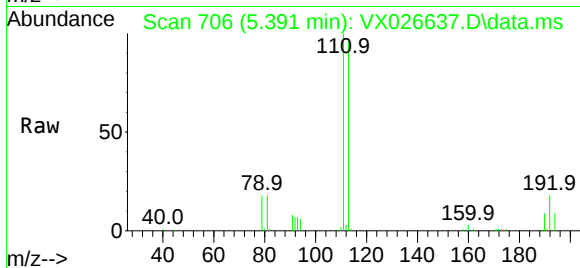
Acq: 27 Jan 2022 20:07

Instrument :

MSVOA_X

ClientSampleId :

MW-14DA



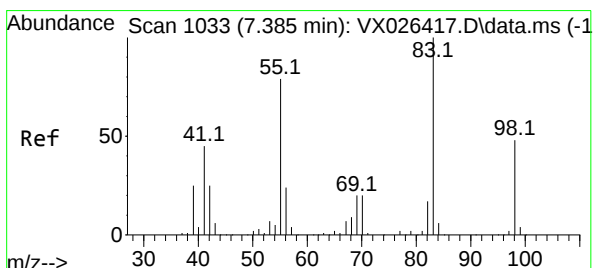
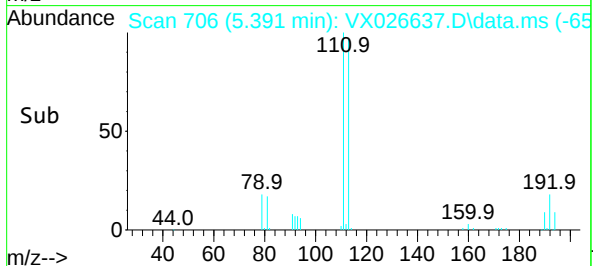
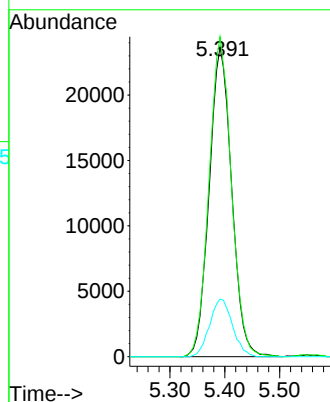
Tgt Ion:113 Resp: 67266

Ion Ratio Lower Upper

113 100

111 103.0 81.2 121.8

192 18.9 15.0 22.4



#39

Methylcyclohexane

Concen: 0.599 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX026637.D

Acq: 27 Jan 2022 20:07

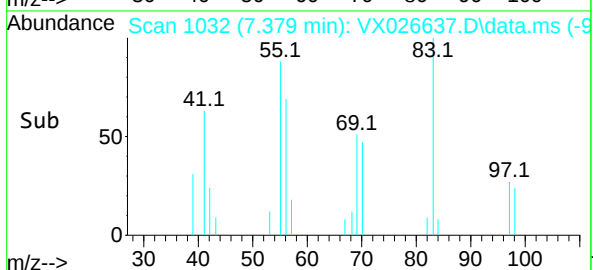
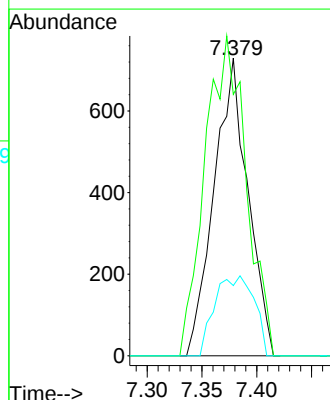
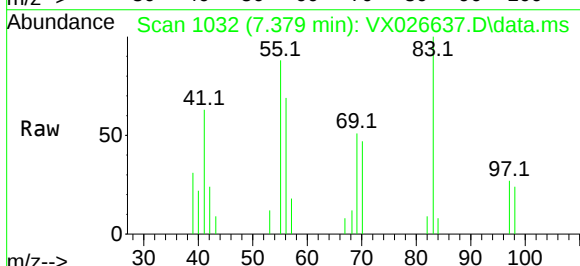
Tgt Ion: 83 Resp: 1566

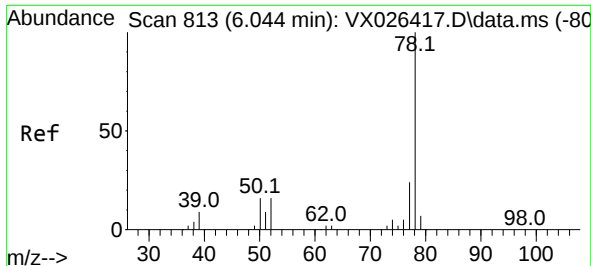
Ion Ratio Lower Upper

83 100

55 87.8 63.6 95.4

98 23.6 38.4 57.6#





#40

Benzene

Concen: 1.689 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.000 min

Lab File: VX026637.D

Acq: 27 Jan 2022 20:07

Instrument :

MSVOA_X

ClientSampleId :

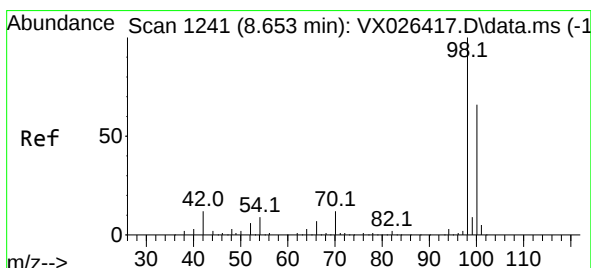
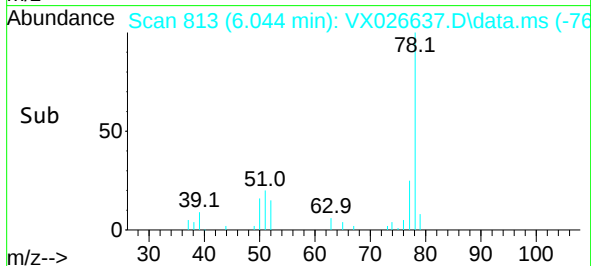
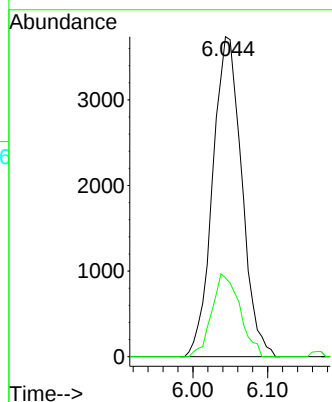
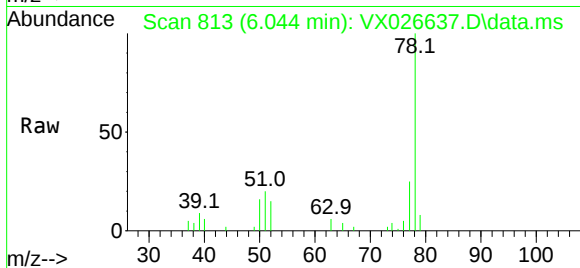
MW-14DA

Tgt Ion: 78 Resp: 10113

Ion Ratio Lower Upper

78 100

77 24.6 18.9 28.3



#50

Toluene-d8

Concen: 50.331 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026637.D

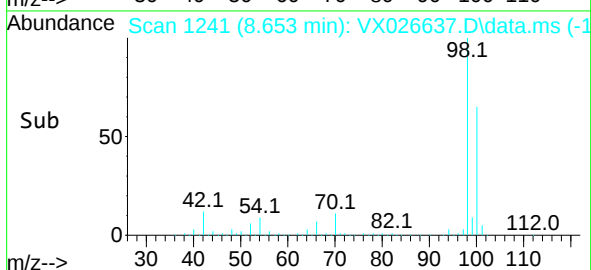
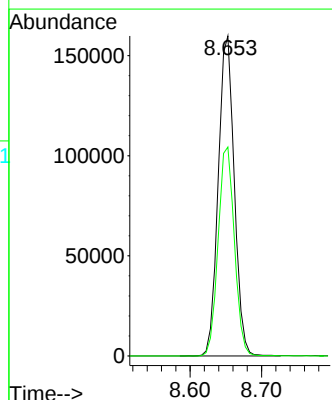
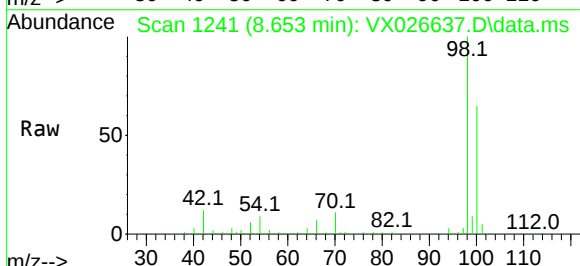
Acq: 27 Jan 2022 20:07

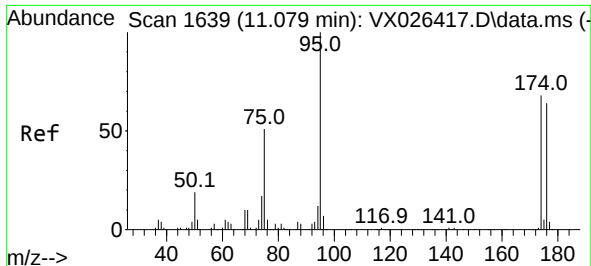
Tgt Ion: 98 Resp: 248890

Ion Ratio Lower Upper

98 100

100 66.3 53.2 79.8

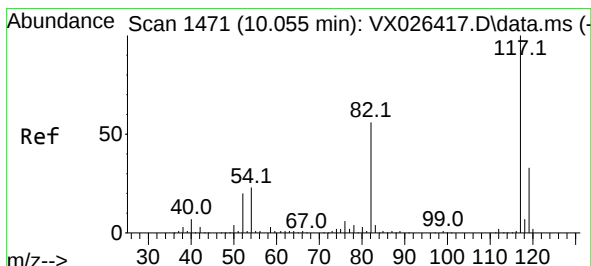
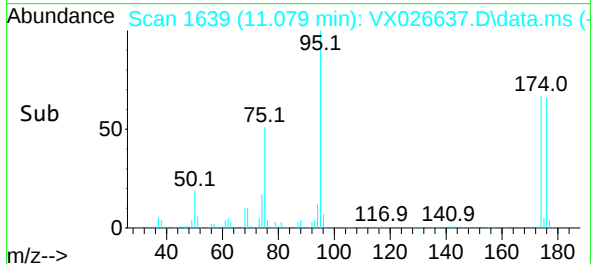
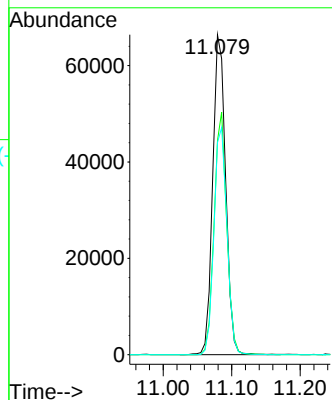
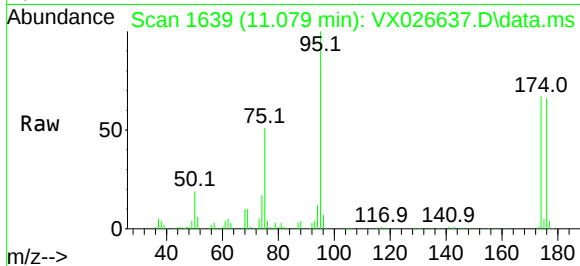




#62
4-Bromofluorobenzene
Concen: 49.534 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026637.D
Acq: 27 Jan 2022 20:07

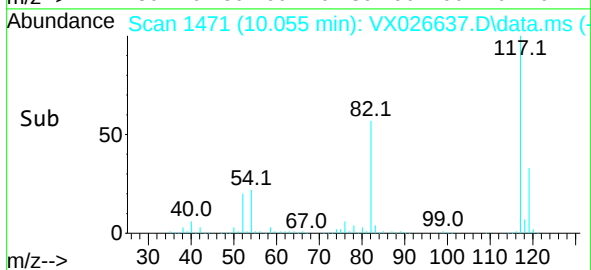
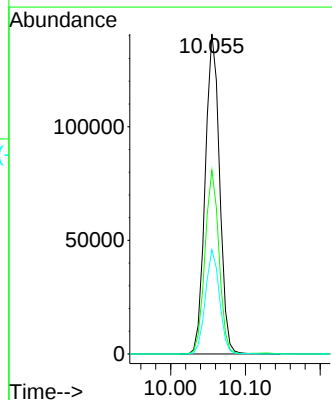
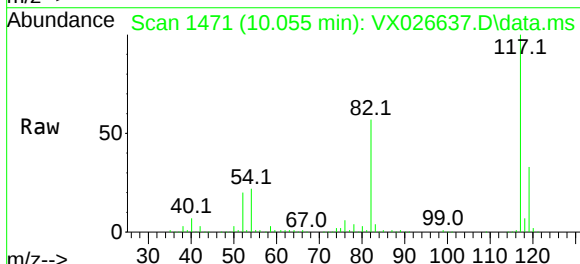
Instrument :
MSVOA_X
ClientSampleId :
MW-14DA

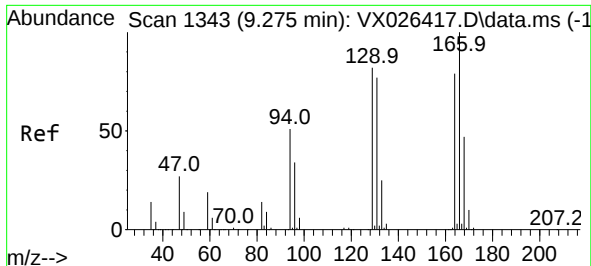
Tgt Ion: 95 Resp: 87015
Ion Ratio Lower Upper
95 100
174 73.6 0.0 148.6
176 71.2 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026637.D
Acq: 27 Jan 2022 20:07

Tgt Ion: 117 Resp: 188109
Ion Ratio Lower Upper
117 100
82 57.5 45.2 67.8
119 32.5 26.2 39.2



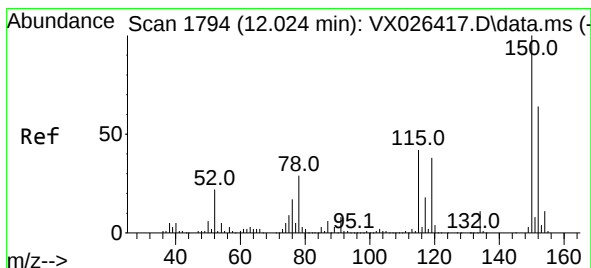
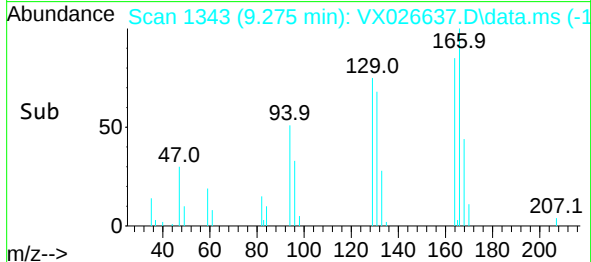
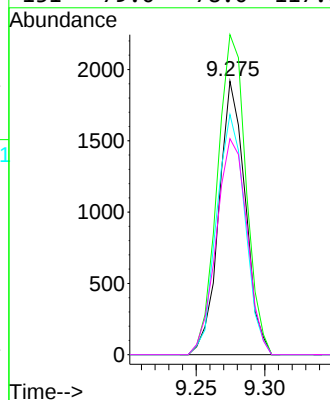
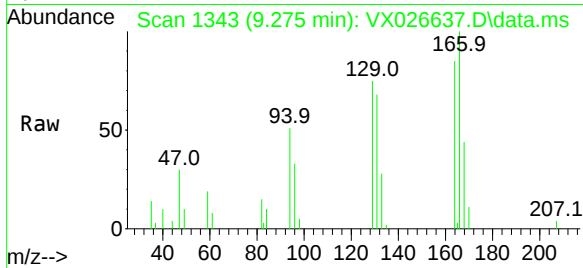


#64
Tetrachloroethene
Concen: 1.441 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026637.D
Acq: 27 Jan 2022 20:07

Instrument :
MSVOA_X
ClientSampleId :
MW-14DA

Tgt Ion:164 Resp: 2561

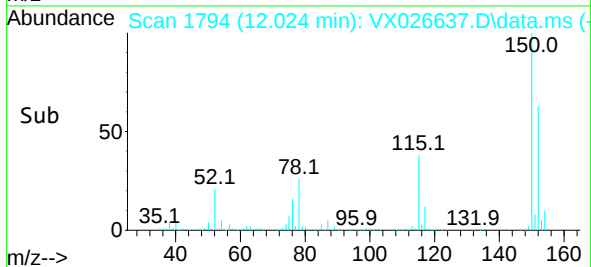
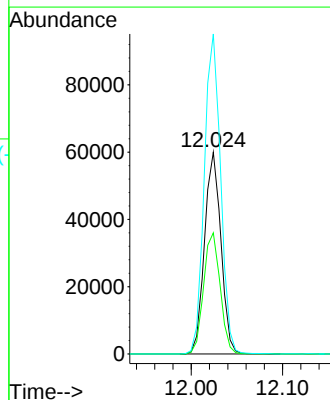
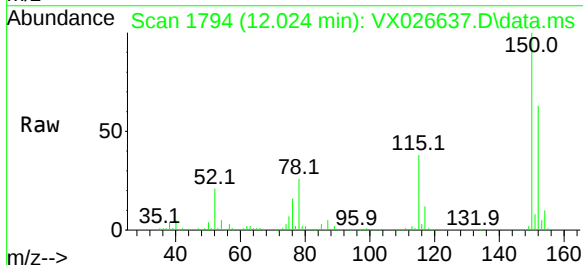
Ion	Ratio	Lower	Upper
164	100		
166	117.0	101.8	152.6
129	87.8	83.3	124.9
131	79.0	78.0	117.0

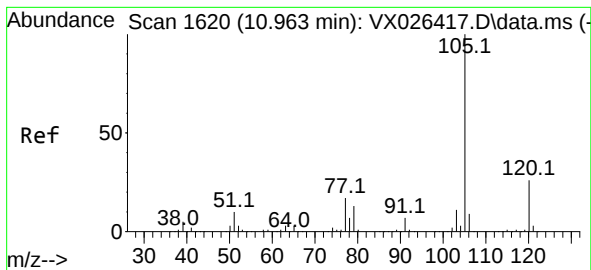


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026637.D
Acq: 27 Jan 2022 20:07

Tgt Ion:152 Resp: 74537

Ion	Ratio	Lower	Upper
152	100		
115	60.8	44.2	132.6
150	158.0	0.0	348.2





#73

Isopropylbenzene

Concen: 5.599 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX026637.D

Acq: 27 Jan 2022 20:07

Instrument :

MSVOA_X

ClientSampleId :

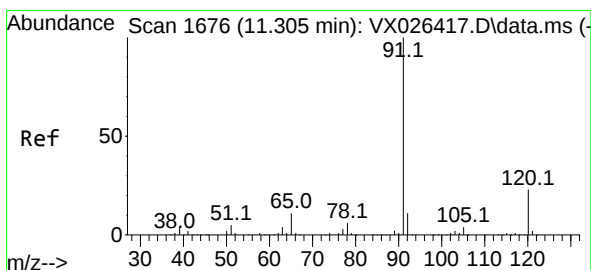
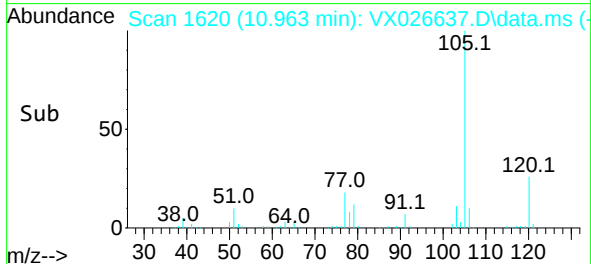
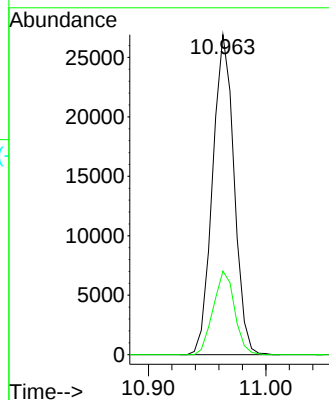
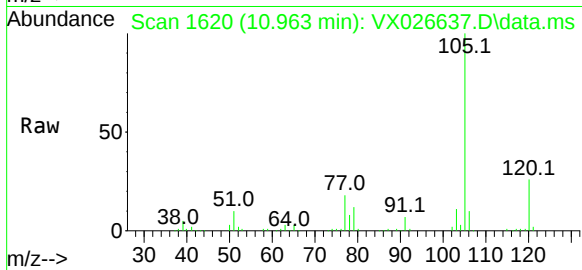
MW-14DA

Tgt Ion:105 Resp: 34209

Ion Ratio Lower Upper

105 100

120 25.9 13.1 39.1



#78

n-propylbenzene

Concen: 0.293 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX026637.D

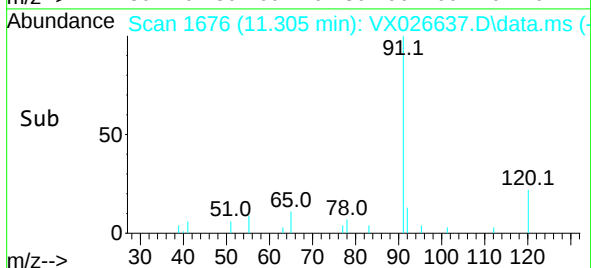
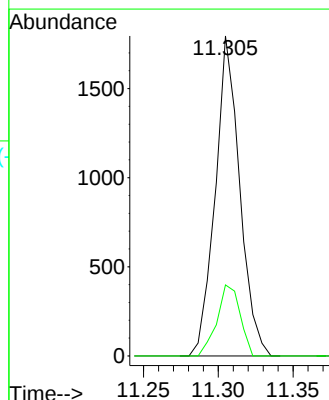
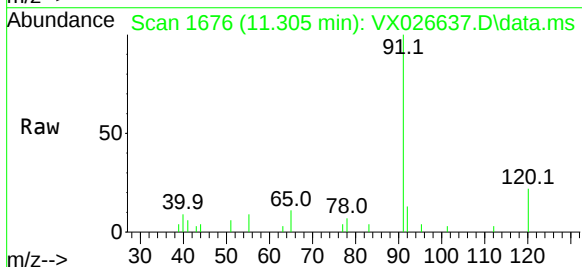
Acq: 27 Jan 2022 20:07

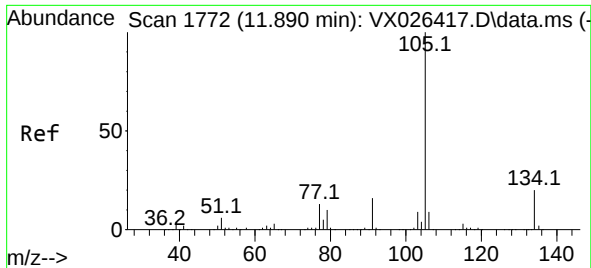
Tgt Ion: 91 Resp: 2040

Ion Ratio Lower Upper

91 100

120 20.9 11.6 34.7

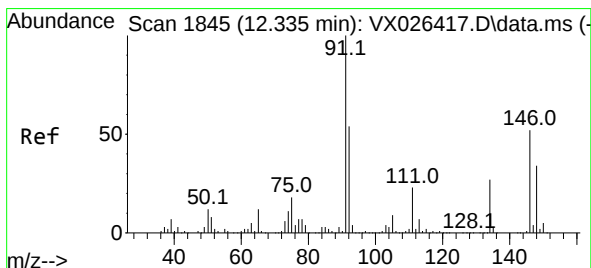
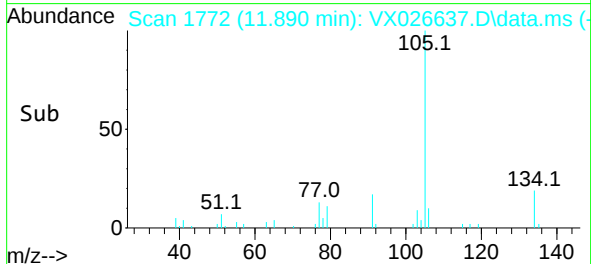
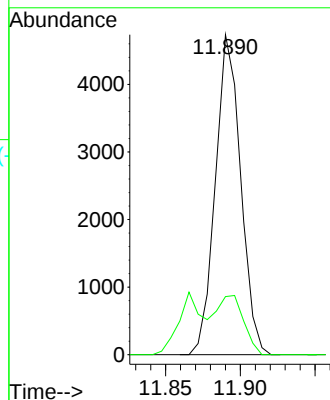
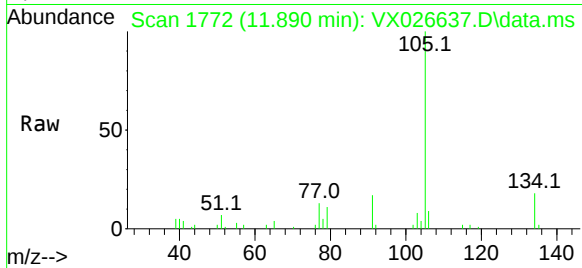




#85
 sec-Butylbenzene
 Concen: 0.915 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX026637.D
 Acq: 27 Jan 2022 20:07

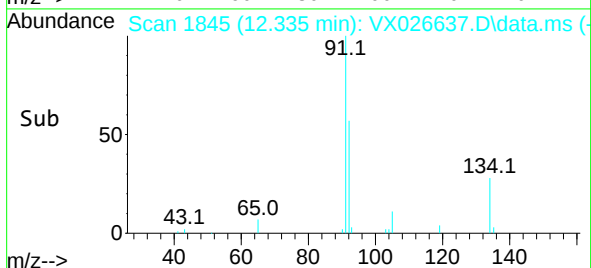
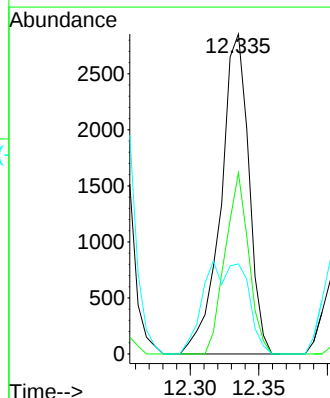
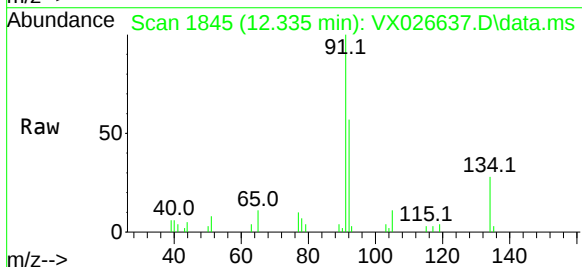
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14DA

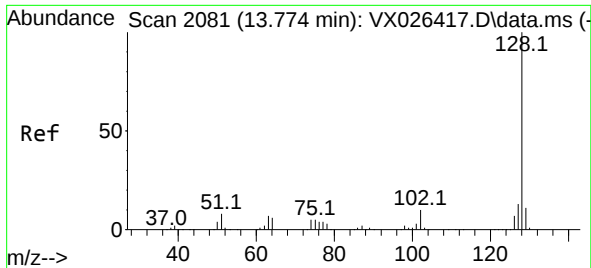
Tgt Ion:105 Resp: 5566
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1



#89
 n-Butylbenzene
 Concen: 0.929 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX026637.D
 Acq: 27 Jan 2022 20:07

Tgt Ion: 91 Resp: 4070
 Ion Ratio Lower Upper
 91 100
 92 47.4 27.2 81.6
 134 22.1 13.1 39.1





#95
Naphthalene
Concen: 7.402 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX026637.D
Acq: 27 Jan 2022 20:07

Instrument :
MSVOA_X
ClientSampleId :
MW-14DA

Tgt Ion:128 Resp: 39248
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.7 8.7 13.1

