

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
 Data File : VX041323.D
 Acq On : 01 May 2024 13:58
 Operator : JC/MD
 Sample : P2264-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T2-MW-2-8.0-042424

Quant Time: May 02 03:09:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	168464	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	233748	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114406	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88402	48.203	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.400%
35) Dibromofluoromethane	5.385	113	72576	45.817	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.640%
50) Toluene-d8	8.647	98	244062	48.680	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.360%
62) 4-Bromofluorobenzene	11.079	95	100501	51.783	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.560%

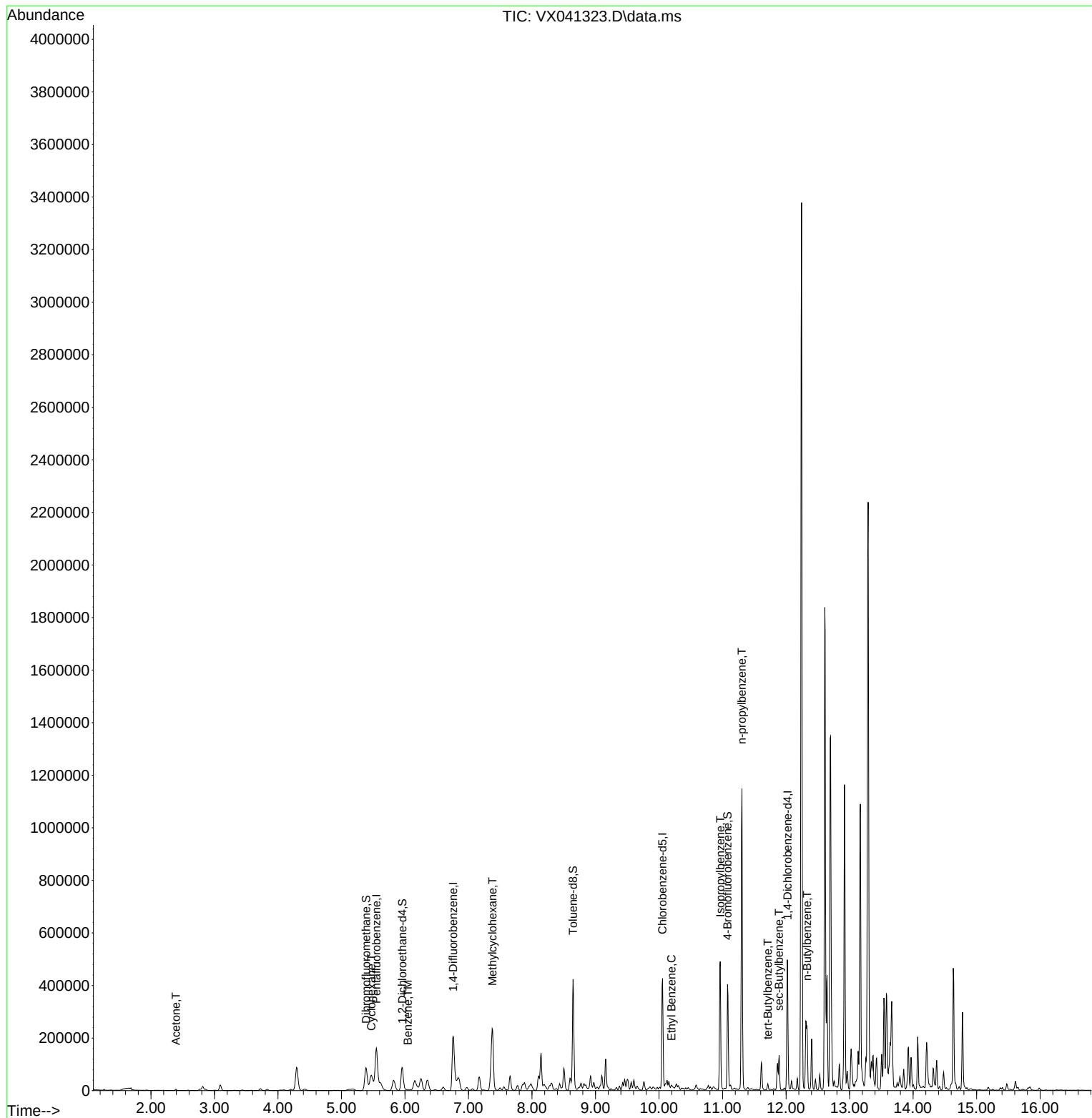
Target Compounds						Qvalue
16) Acetone	2.392	43	5498	2.942	ug/l	96
31) Cyclohexane	5.471	56	42728	19.304	ug/l	90
39) Methylcyclohexane	7.379	83	103969	46.722	ug/l	94
40) Benzene	6.044	78	3945	0.676	ug/l	96
67) Ethyl Benzene	10.195	91	8220	1.206	ug/l	99
73) Isopropylbenzene	10.963	105	259611	37.175	ug/l	97
78) n-propylbenzene	11.305	91	688737	93.900	ug/l	96
83) tert-Butylbenzene	11.713	119	8546	1.402	ug/l	98
85) sec-Butylbenzene	11.890	105	67756	9.698	ug/l	100
89) n-Butylbenzene	12.329	91	103943	20.601	ug/l	# 72

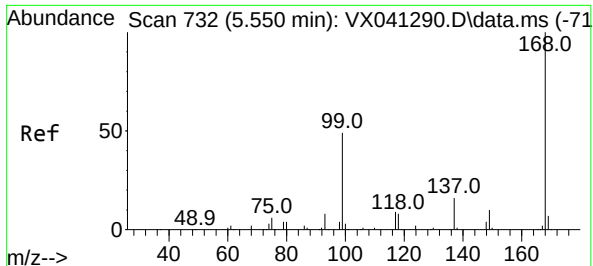
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 01 02:38:17 2024
Response via : Initial Calibration

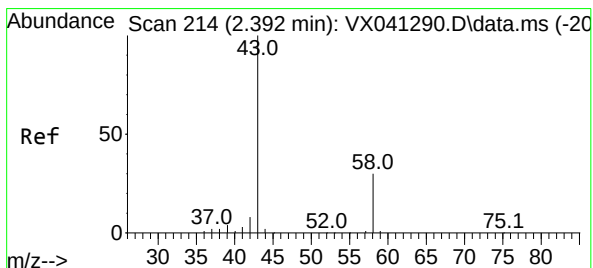
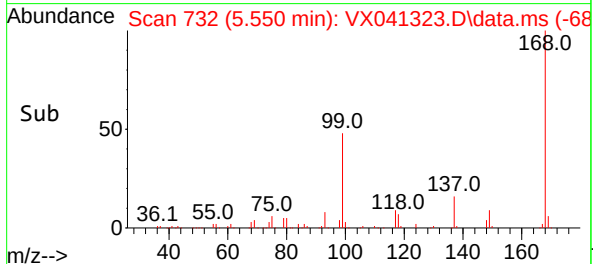
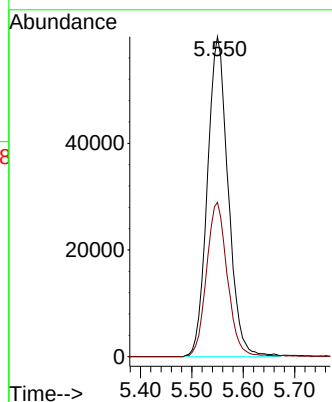
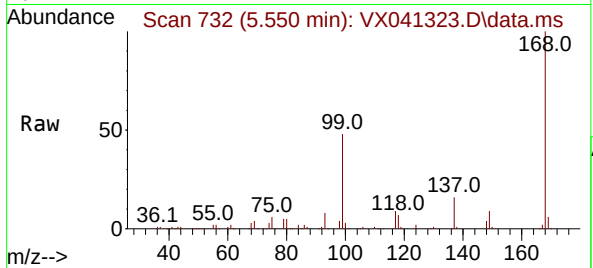




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041323.D
Acq: 01 May 2024 13:58

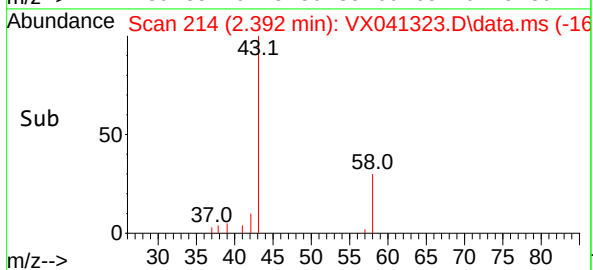
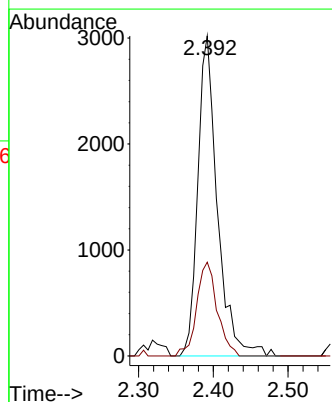
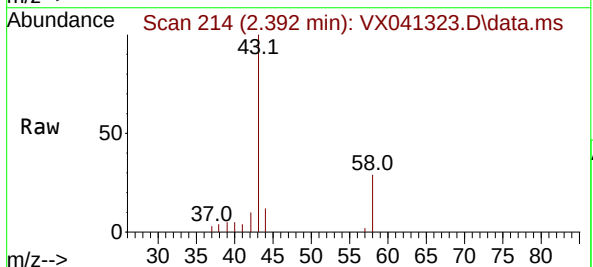
Instrument :
MSVOA_X
ClientSampleId :
T2-MW-2-8.0-042424

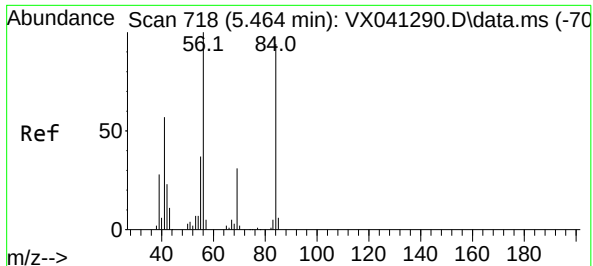
Tgt Ion:168 Resp: 168464
Ion Ratio Lower Upper
168 100
99 48.2 56.6 85.0#



#16
Acetone
Concen: 2.942 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041323.D
Acq: 01 May 2024 13:58

Tgt Ion: 43 Resp: 5498
Ion Ratio Lower Upper
43 100
58 29.3 21.9 32.9

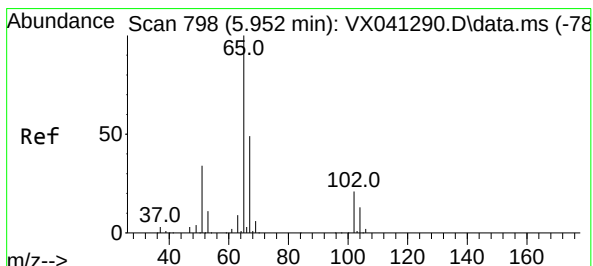
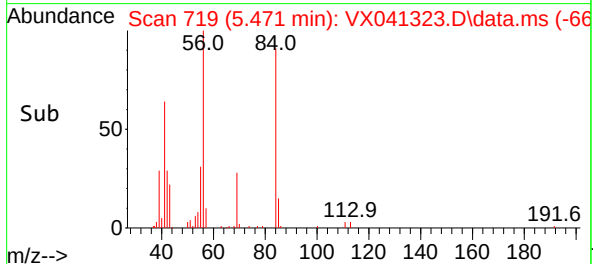
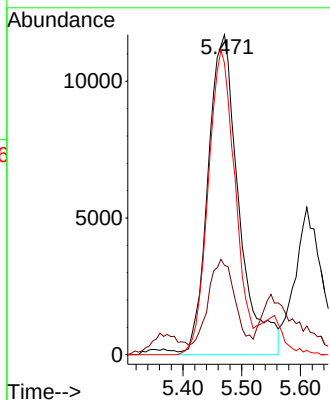
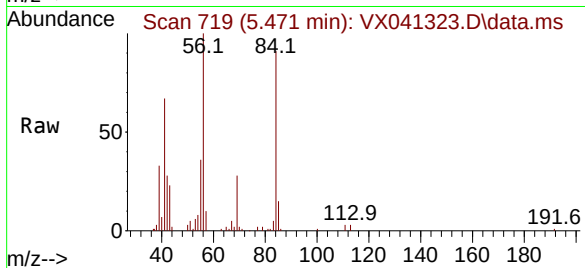




#31
Cyclohexane
Concen: 19.304 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX041323.D
Acq: 01 May 2024 13:58

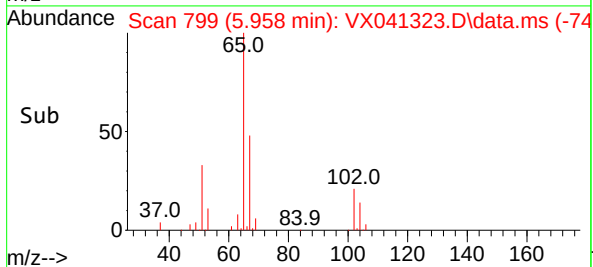
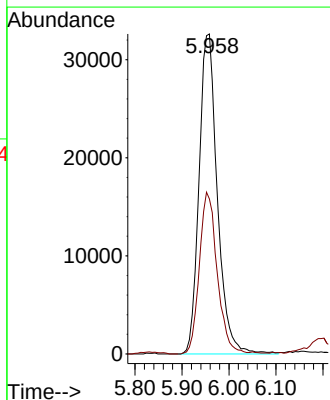
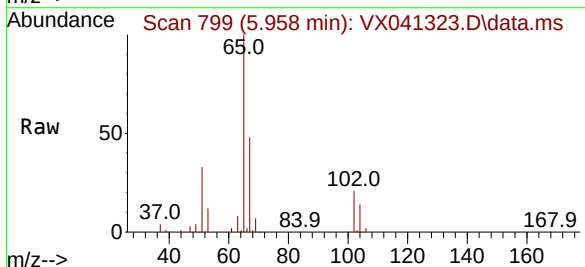
Instrument :
MSVOA_X
ClientSampleId :
T2-MW-2-8.0-042424

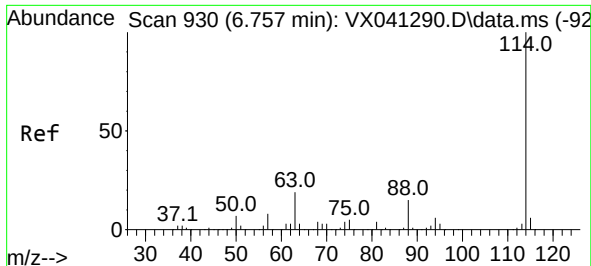
Tgt Ion: 56 Resp: 42728
Ion Ratio Lower Upper
56 100
69 24.3 23.4 35.2
84 92.0 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 48.203 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041323.D
Acq: 01 May 2024 13:58

Tgt Ion: 65 Resp: 88402
Ion Ratio Lower Upper
65 100
67 49.3 0.0 100.2

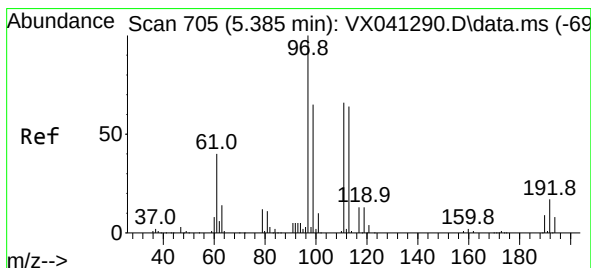
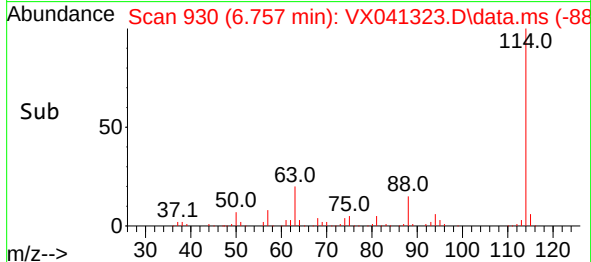
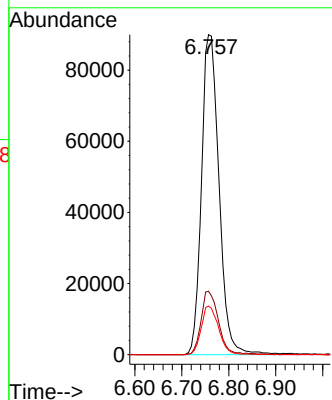
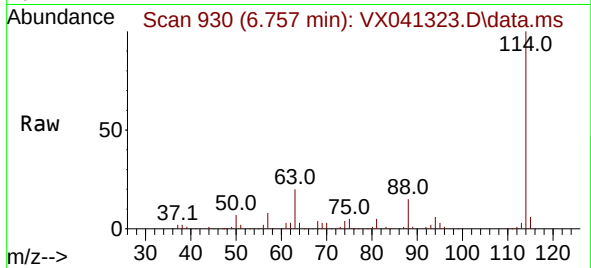




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041323.D
Acq: 01 May 2024 13:58

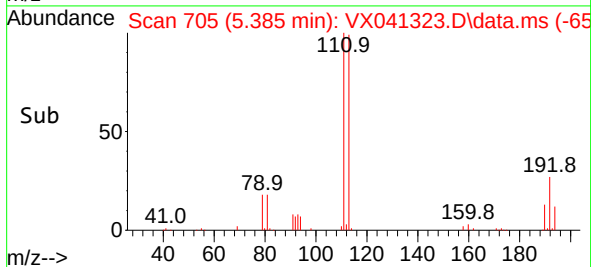
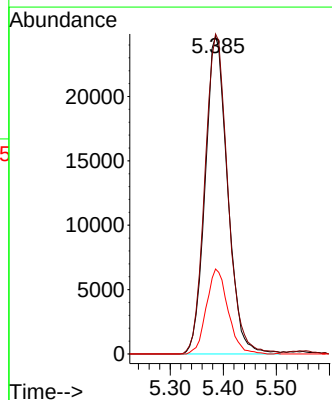
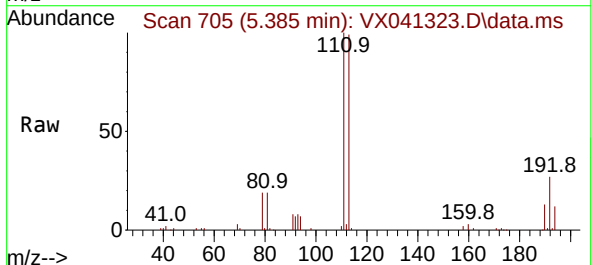
Instrument :
MSVOA_X
ClientSampleId :
T2-MW-2-8.0-042424

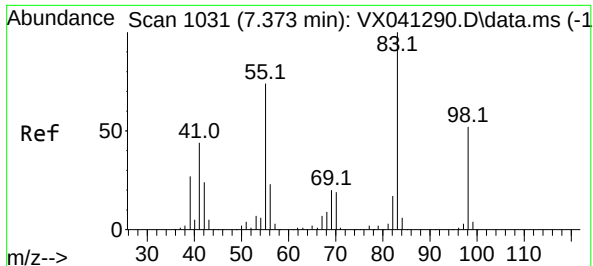
Tgt Ion:114 Resp: 233748
Ion Ratio Lower Upper
114 100
63 19.8 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.817 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041323.D
Acq: 01 May 2024 13:58

Tgt Ion:113 Resp: 72576
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 25.8 13.3 19.9#





#39

Methylcyclohexane

Concen: 46.722 ug/l

RT: 7.379 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VX041323.D

Acq: 01 May 2024 13:58

Instrument :

MSVOA_X

ClientSampleId :

T2-MW-2-8.0-042424

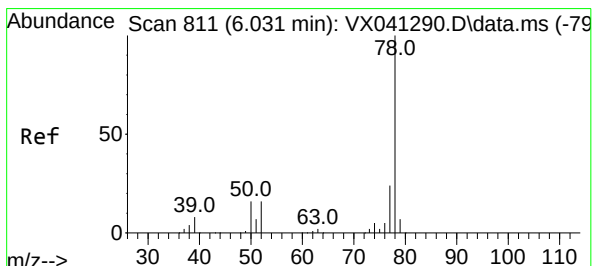
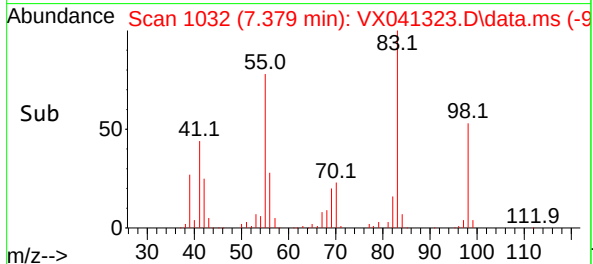
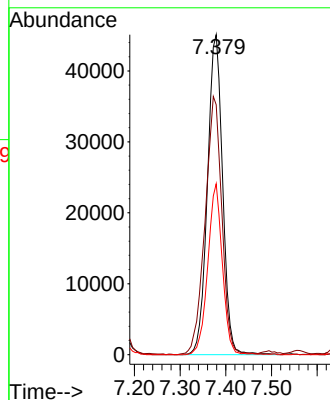
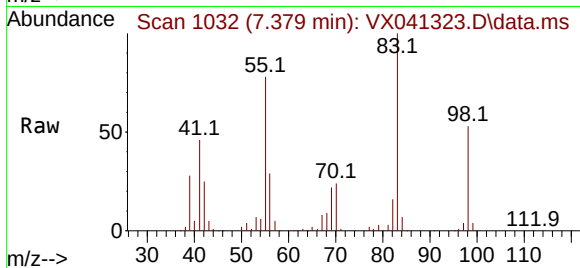
Tgt Ion: 83 Resp: 103969

Ion Ratio Lower Upper

83 100

55 77.9 64.6 97.0

98 53.4 36.7 55.1



#40

Benzene

Concen: 0.676 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.012 min

Lab File: VX041323.D

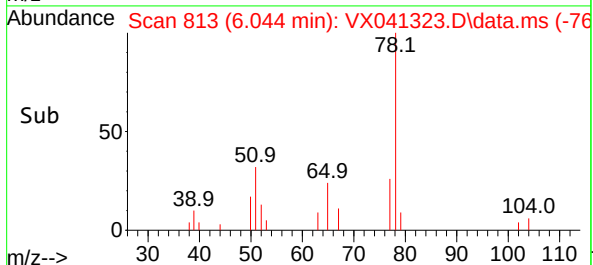
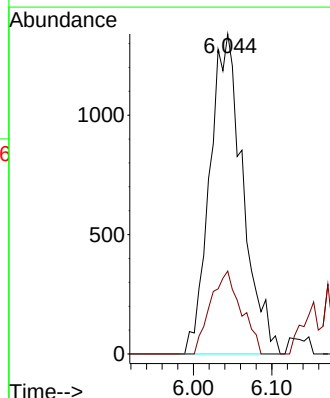
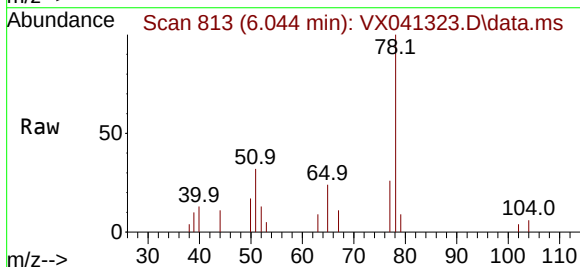
Acq: 01 May 2024 13:58

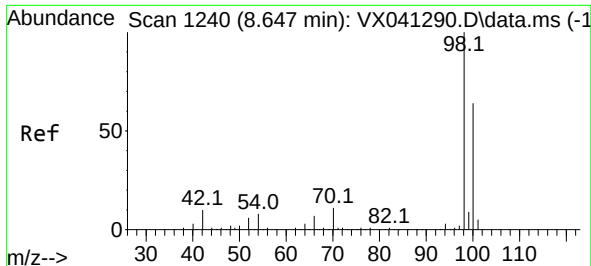
Tgt Ion: 78 Resp: 3945

Ion Ratio Lower Upper

78 100

77 25.9 19.3 28.9

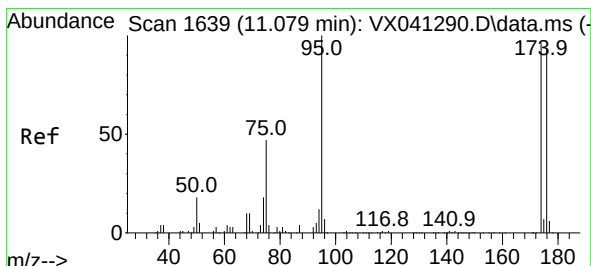
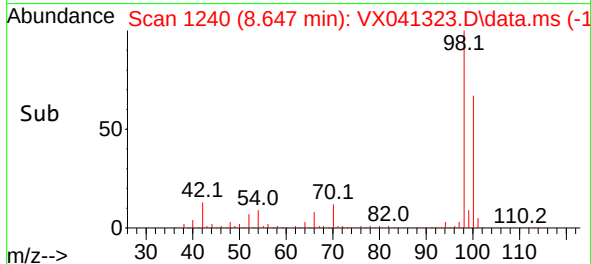
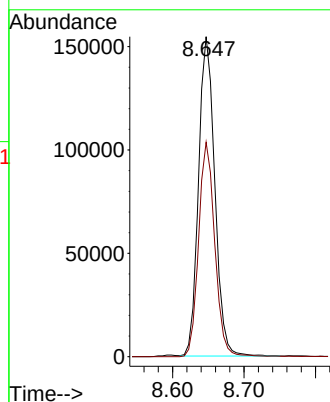
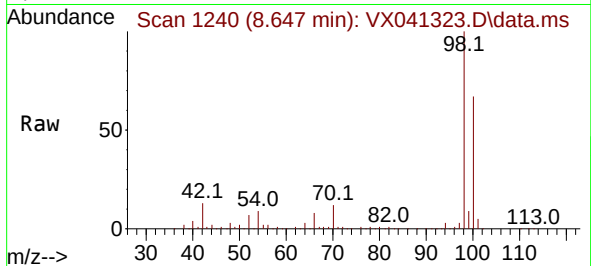




#50
Toluene-d8
Concen: 48.680 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041323.D
Acq: 01 May 2024 13:58

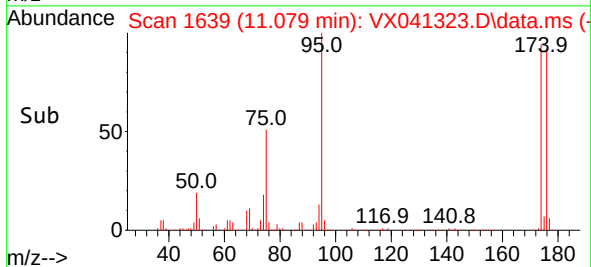
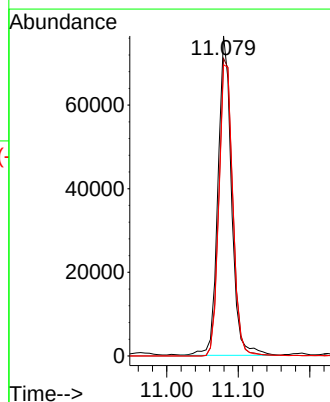
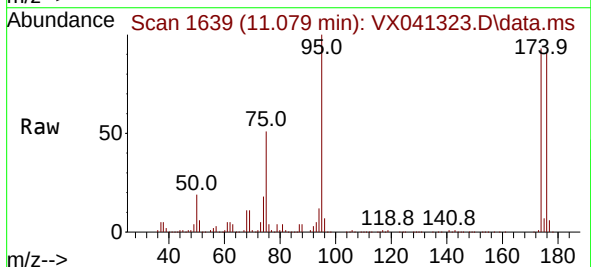
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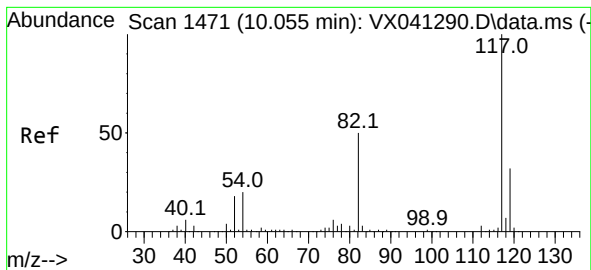
Tgt Ion: 98 Resp: 244062
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 51.783 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041323.D
Acq: 01 May 2024 13:58

Tgt Ion: 95 Resp: 100501
Ion Ratio Lower Upper
95 100
174 94.9 0.0 135.6
176 93.6 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041323.D

Acq: 01 May 2024 13:58

Instrument :

MSVOA_X

ClientSampleId :

T2-MW-2-8.0-042424

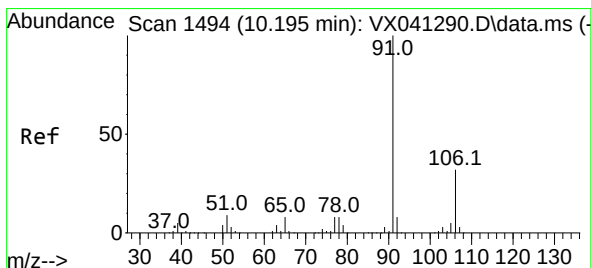
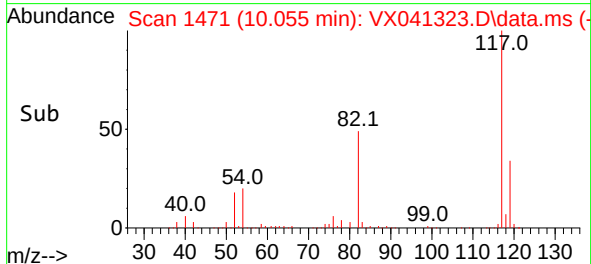
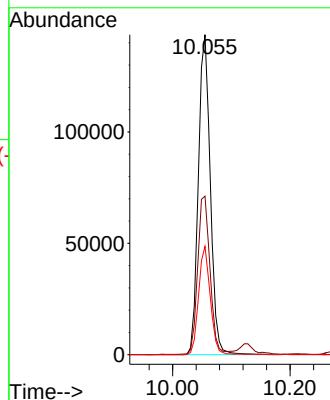
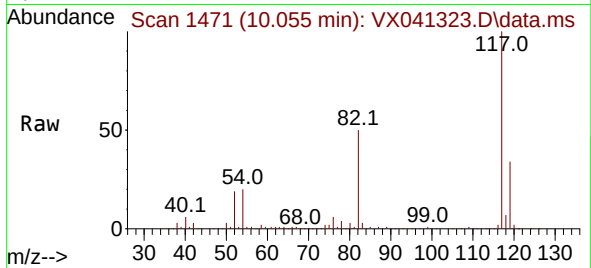
Tgt Ion:117 Resp: 203443

Ion Ratio Lower Upper

117 100

82 49.4 46.2 69.4

119 33.9 25.5 38.3



#67

Ethyl Benzene

Concen: 1.206 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX041323.D

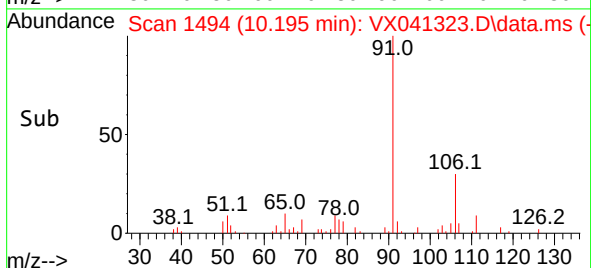
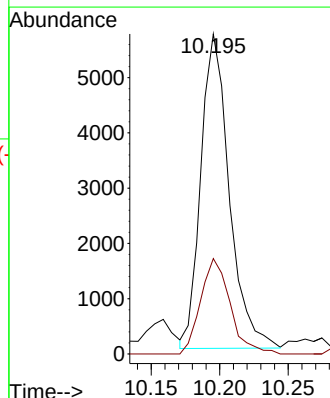
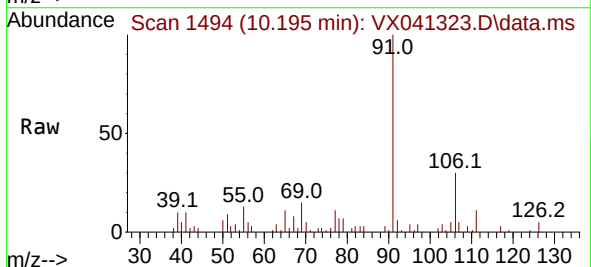
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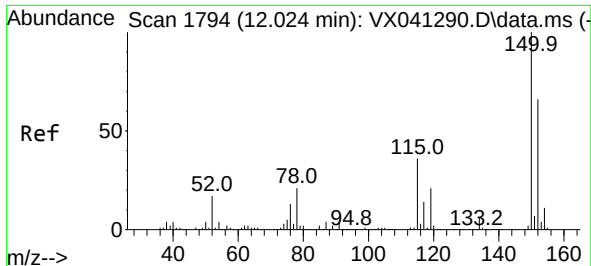
Tgt Ion: 91 Resp: 8220

Ion Ratio Lower Upper

91 100

106 30.4 24.9 37.3

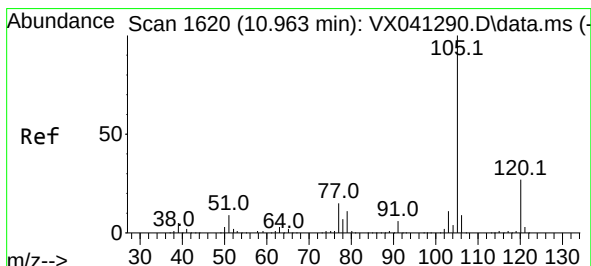
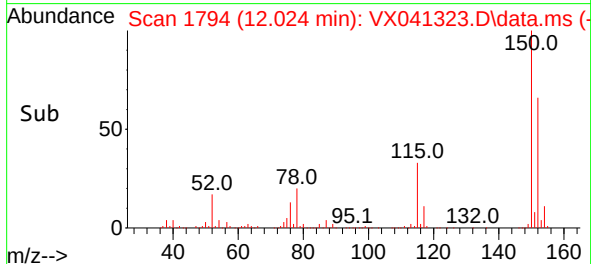
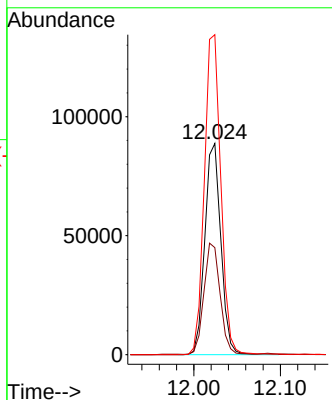
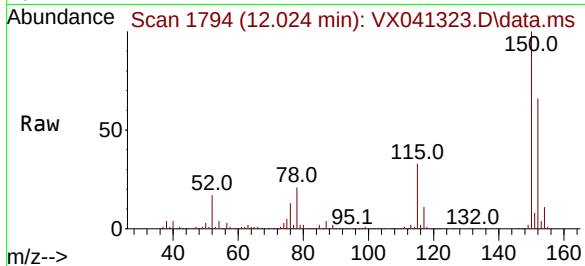




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041323.D
Acq: 01 May 2024 13:58

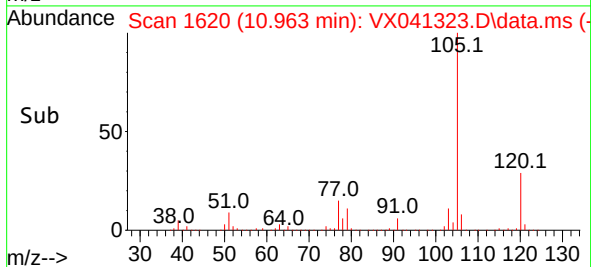
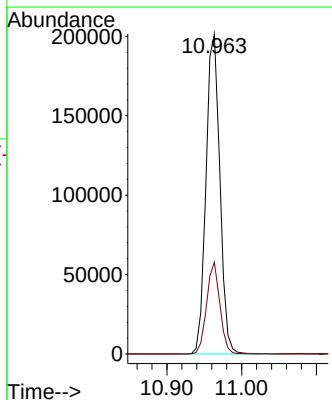
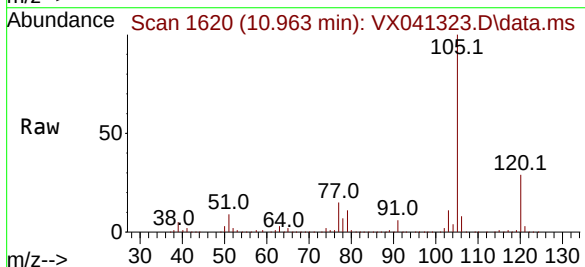
Instrument :
MSVOA_X
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T2-MW-2-8.0-042424

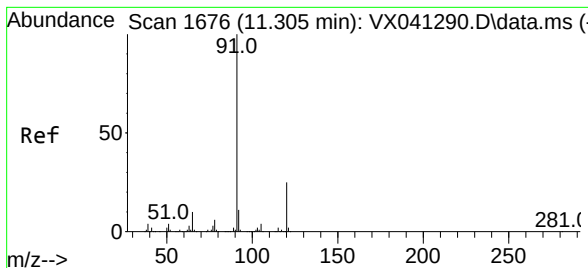
Tgt Ion:152 Resp: 114406
Ion Ratio Lower Upper
152 100
115 52.8 43.3 129.9
150 155.5 0.0 345.0



#73
Isopropylbenzene
Concen: 37.175 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX041323.D
Acq: 01 May 2024 13:58

Tgt Ion:105 Resp: 259611
Ion Ratio Lower Upper
105 100
120 27.4 12.9 38.6





#78

n-propylbenzene

Concen: 93.900 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX041323.D

Acq: 01 May 2024 13:58

Instrument :

MSVOA_X

ClientSampleId :

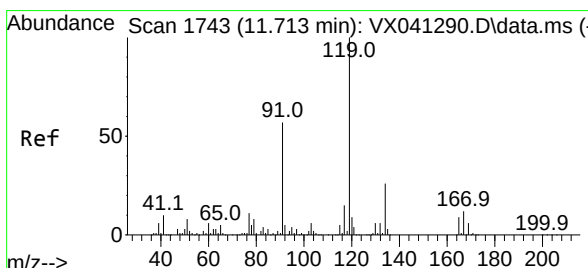
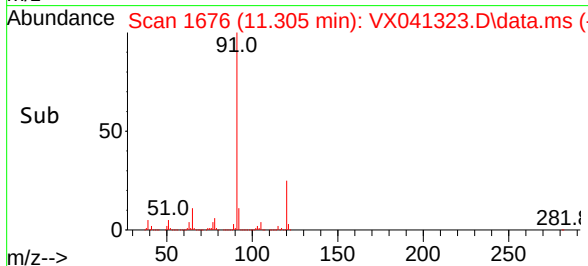
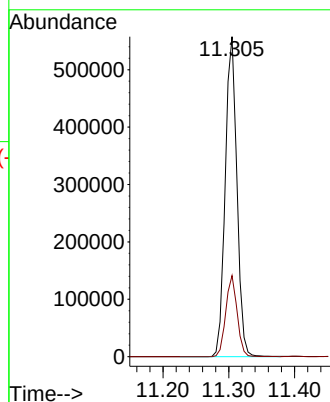
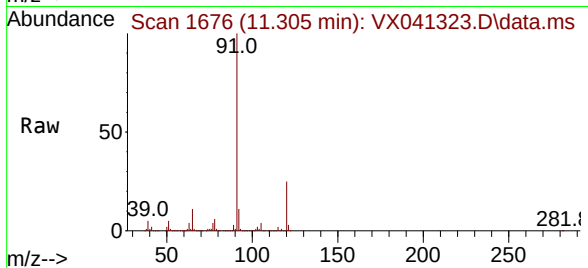
T2-MW-2-8.0-042424

Tgt Ion: 91 Resp: 688737

Ion Ratio Lower Upper

91 100

120 24.7 11.5 34.4



#83

tert-Butylbenzene

Concen: 1.402 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041323.D

Acq: 01 May 2024 13:58

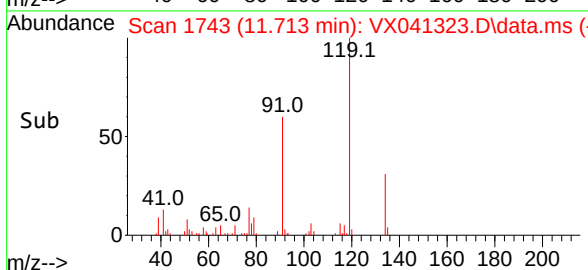
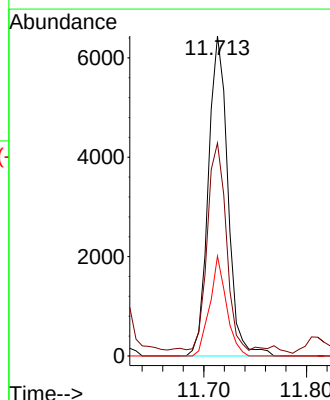
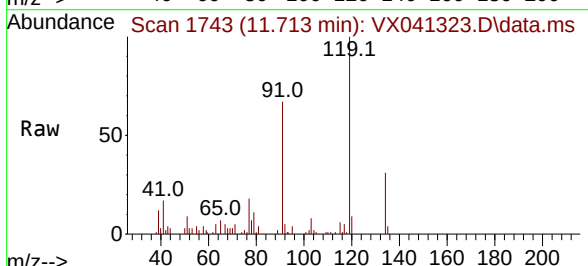
Tgt Ion: 119 Resp: 8546

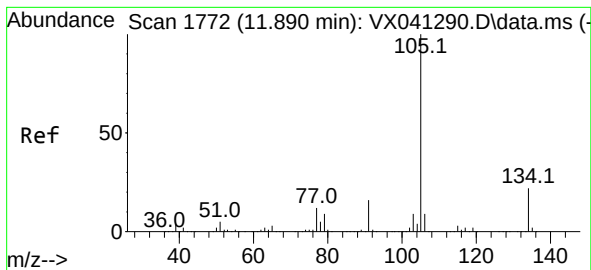
Ion Ratio Lower Upper

119 100

91 62.5 31.2 93.6

134 26.5 11.7 35.0





#85

sec-Butylbenzene

Concen: 9.698 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX041323.D

Acq: 01 May 2024 13:58

Instrument :

MSVOA_X

ClientSampleId :

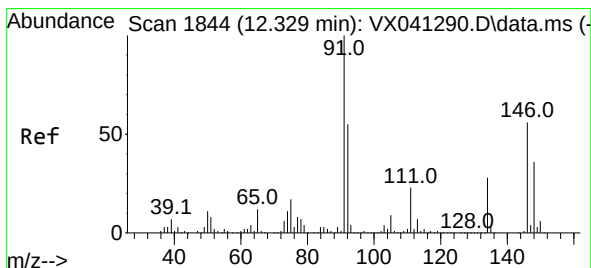
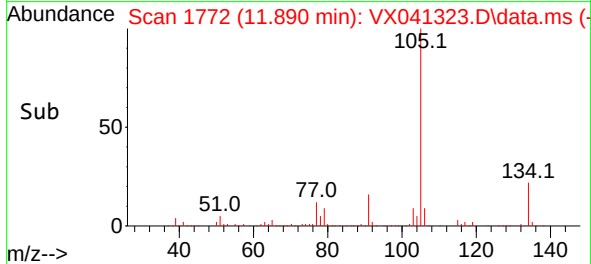
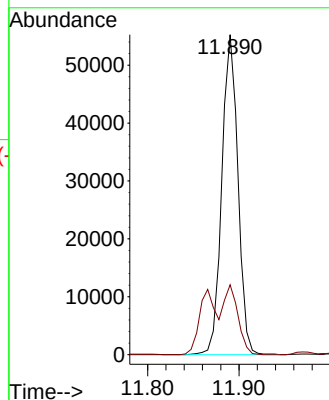
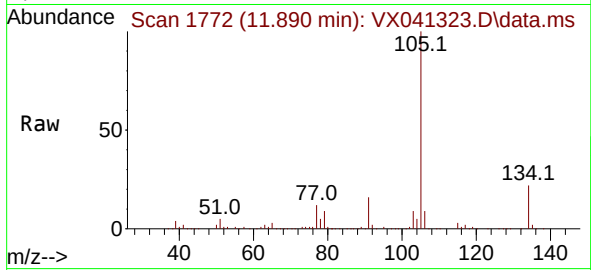
T2-MW-2-8.0-042424

Tgt Ion:105 Resp: 67756

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.4



#89

n-Butylbenzene

Concen: 20.601 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX041323.D

Acq: 01 May 2024 13:58

Tgt Ion: 91 Resp: 103943

Ion Ratio Lower Upper

91 100

92 45.5 27.4 82.0

134 55.5 12.6 37.8#

