

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
 Data File : VX032733.D
 Acq On : 10 Nov 2022 17:04
 Operator : JC/MD
 Sample : N5500-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NWB-1851RE

Quant Time: Nov 11 00:37:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	66904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	74761	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	40934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	17213	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	12821	13.792	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	27.580%#
35) Dibromofluoromethane	5.397	113	13721	25.730	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	51.460%#
50) Toluene-d8	8.653	98	83428	44.991	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.980%#
62) 4-Bromofluorobenzene	11.079	95	18678	25.786	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	51.580%#

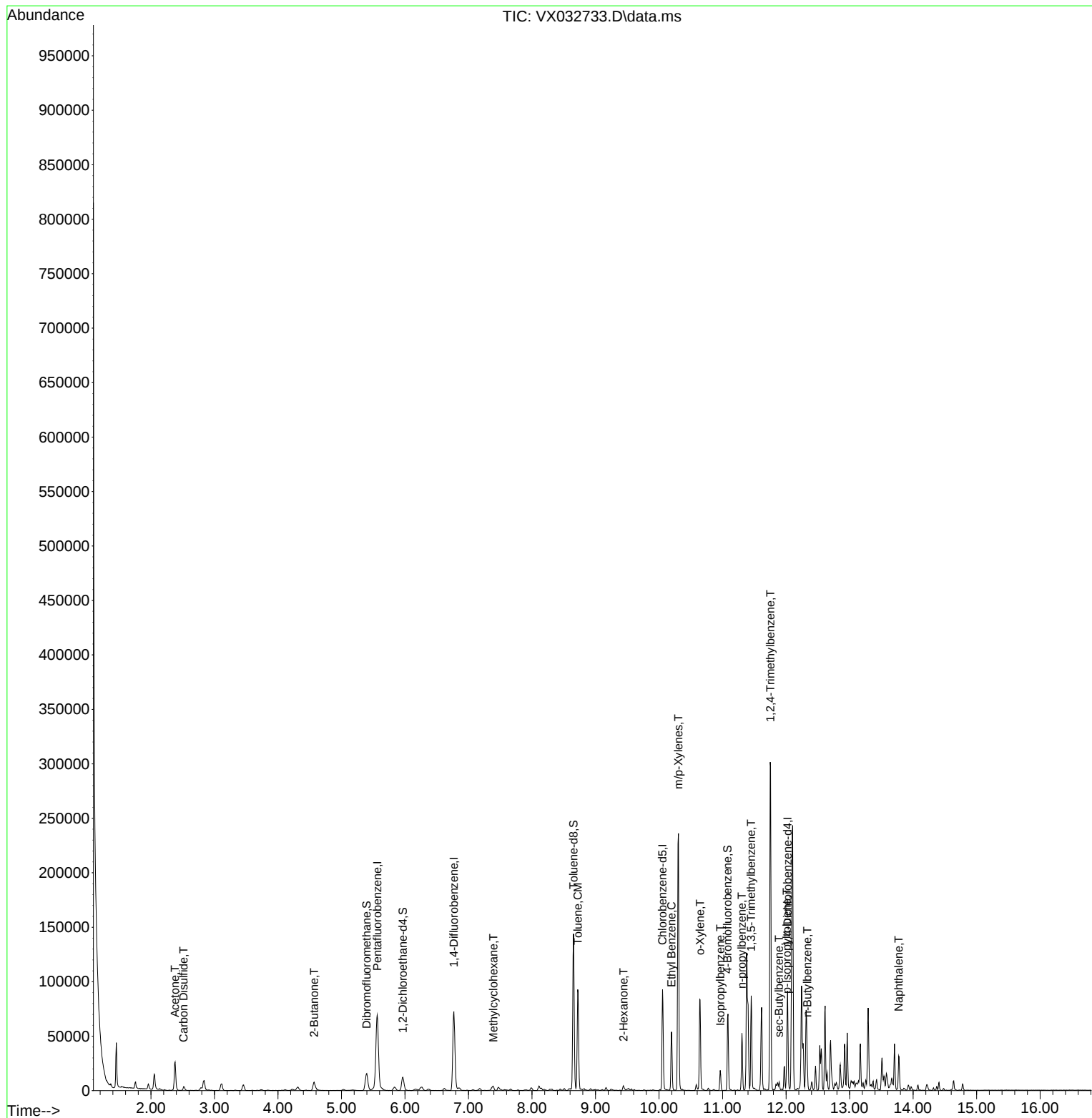
Target Compounds						Qvalue
16) Acetone	2.380	43	29131	86.219	ug/l	98
17) Carbon Disulfide	2.514	76	4070	2.547	ug/l	96
25) 2-Butanone	4.568	43	14034	26.810	ug/l	98
39) Methylcyclohexane	7.391	83	1926	2.192	ug/l	94
52) Toluene	8.720	92	34677	25.292	ug/l	95
59) 2-Hexanone	9.439	43	2758	4.972	ug/l	94
67) Ethyl Benzene	10.195	91	30903	18.847	ug/l	98
68) m/p-Xylenes	10.305	106	54460	85.533	ug/l	99
69) o-Xylene	10.646	106	18838	30.430	ug/l	99
73) Isopropylbenzene	10.964	105	9421	6.907	ug/l	99
78) n-propylbenzene	11.305	91	29809	18.968	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	37624	32.275	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	135955	117.258	ug/l	100
85) sec-Butylbenzene	11.890	105	4251	3.036	ug/l	94
86) p-Isopropyltoluene	12.012	119	6705	5.642	ug/l	98
89) n-Butylbenzene	12.335	91	13138	12.709	ug/l #	40
95) Naphthalene	13.774	128	20370	15.074	ug/l	100

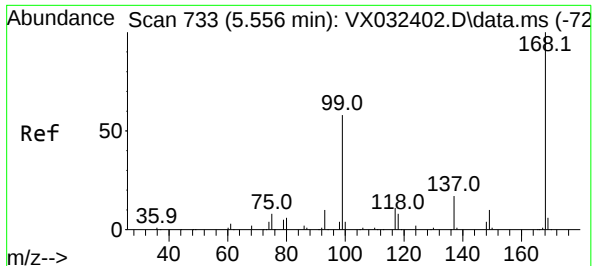
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 11 00:37:31 2022
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Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

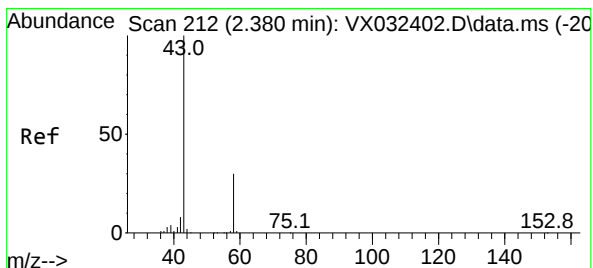
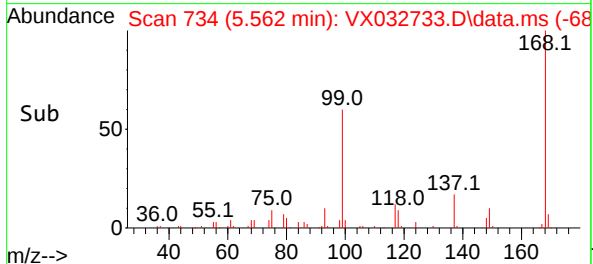
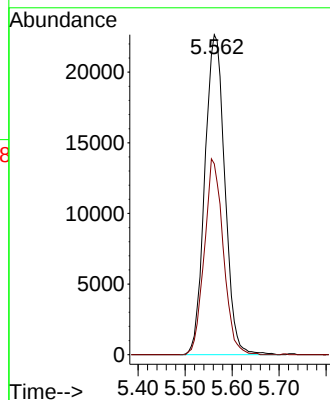
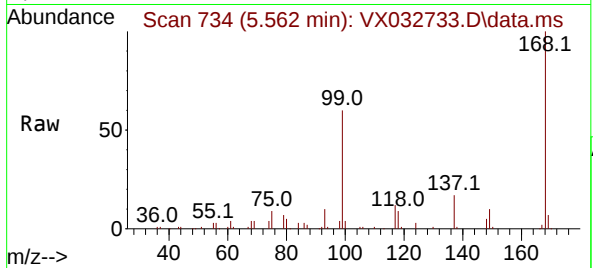




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX032733.D
Acq: 10 Nov 2022 17:04

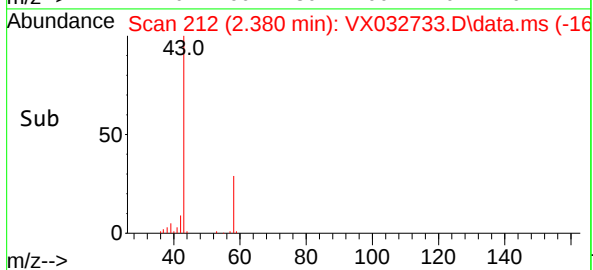
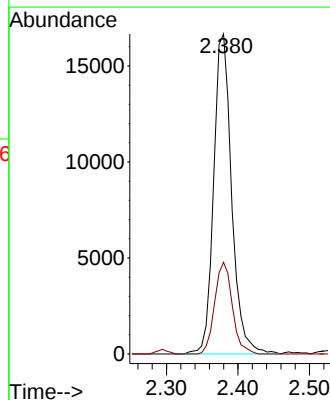
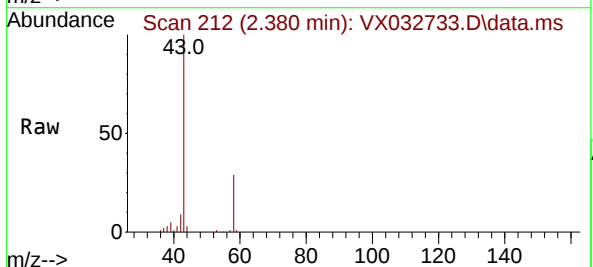
Instrument :
MSVOA_X
ClientSampleId :
NWB-1851RE

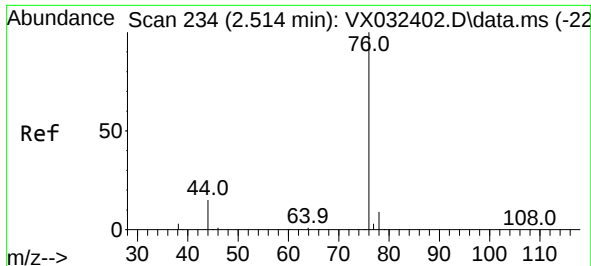
Tgt Ion:168 Resp: 66904
Ion Ratio Lower Upper
168 100
99 59.6 46.1 69.1



#16
Acetone
Concen: 86.219 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX032733.D
Acq: 10 Nov 2022 17:04

Tgt Ion: 43 Resp: 29131
Ion Ratio Lower Upper
43 100
58 28.6 23.8 35.8

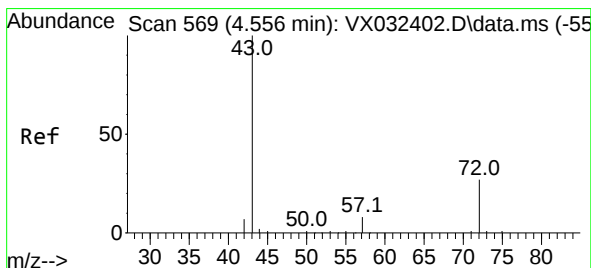
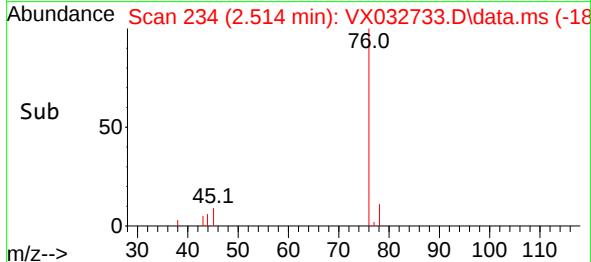
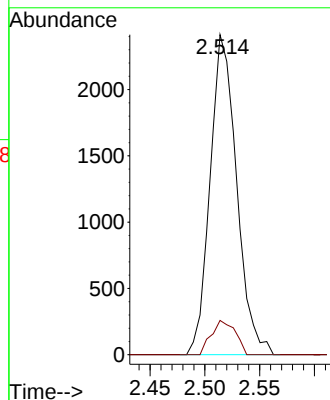
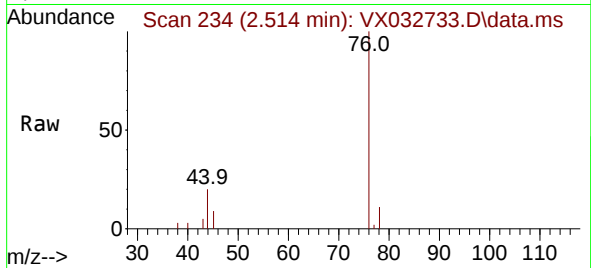




#17
Carbon Disulfide
Concen: 2.547 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032733.D
Acq: 10 Nov 2022 17:04

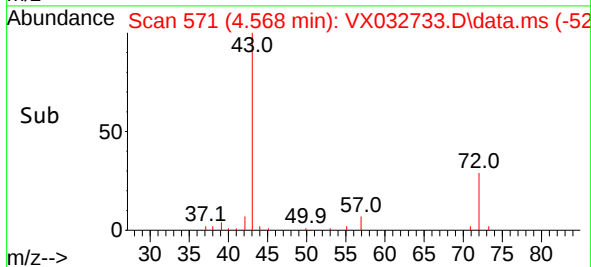
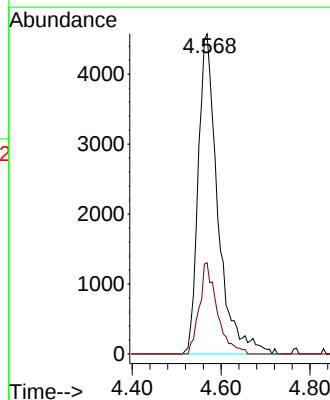
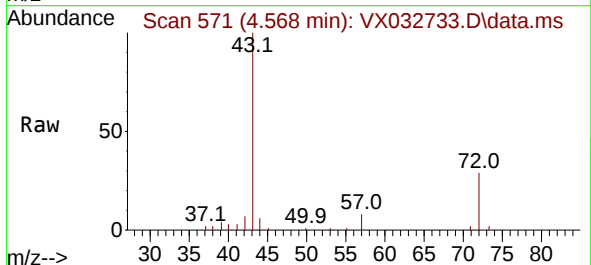
Instrument :
MSVOA_X
ClientSampleId :
NWB-1851RE

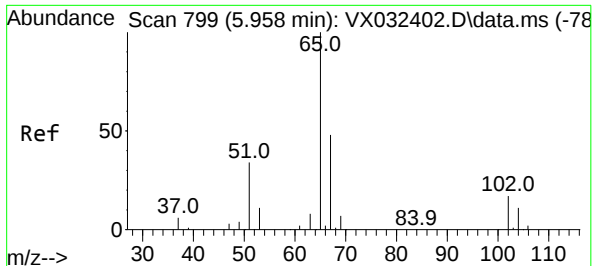
Tgt Ion: 76 Resp: 4070
Ion Ratio Lower Upper
76 100
78 10.7 7.5 11.3



#25
2-Butanone
Concen: 26.810 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX032733.D
Acq: 10 Nov 2022 17:04

Tgt Ion: 43 Resp: 14034
Ion Ratio Lower Upper
43 100
72 28.5 22.2 33.2





#33

1,2-Dichloroethane-d4

Concen: 13.792 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX032733.D

Acq: 10 Nov 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

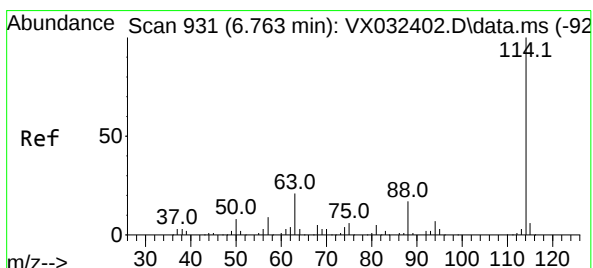
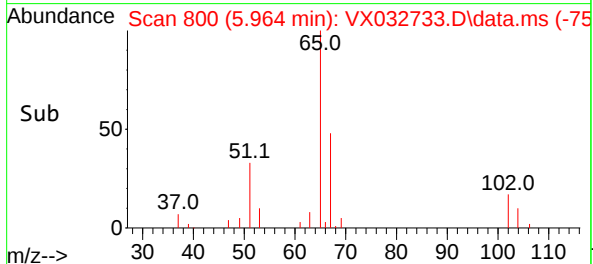
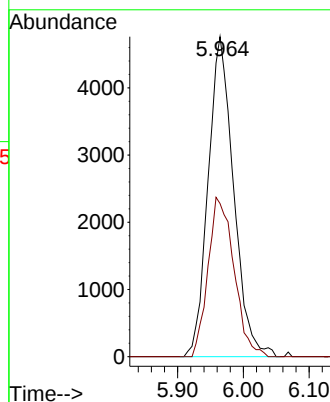
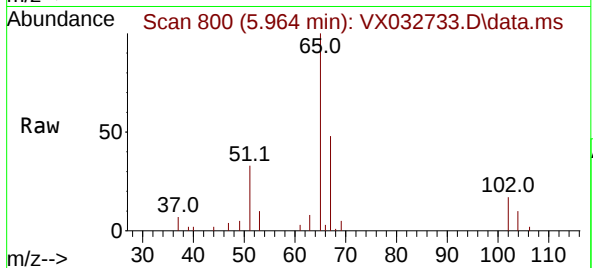
NWB-1851RE

Tgt Ion: 65 Resp: 12821

Ion Ratio Lower Upper

65 100

67 50.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX032733.D

Acq: 10 Nov 2022 17:04

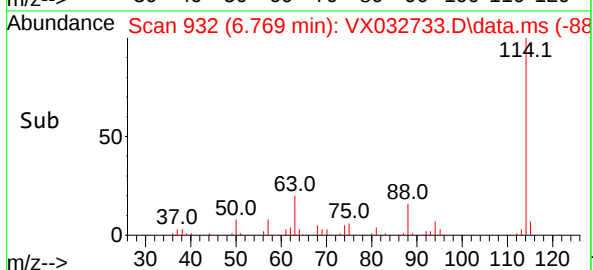
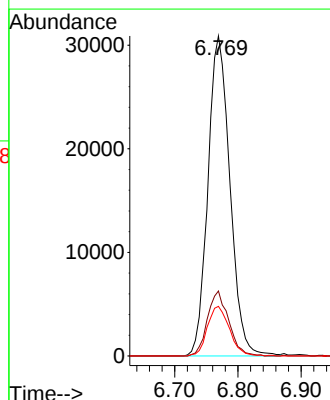
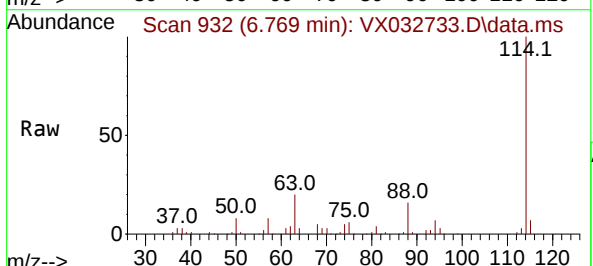
Tgt Ion: 114 Resp: 74761

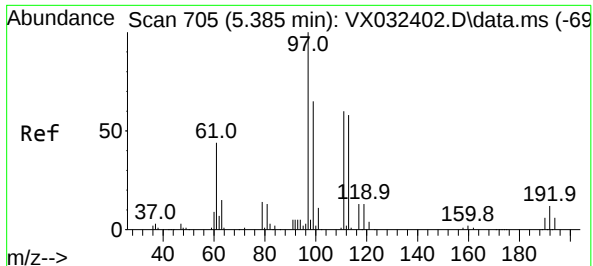
Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.6

88 15.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 25.730 ug/l

RT: 5.397 min Scan# 705

Delta R.T. 0.012 min

Lab File: VX032733.D

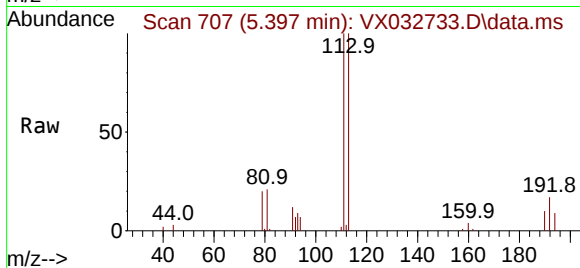
Acq: 10 Nov 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

NWB-1851RE



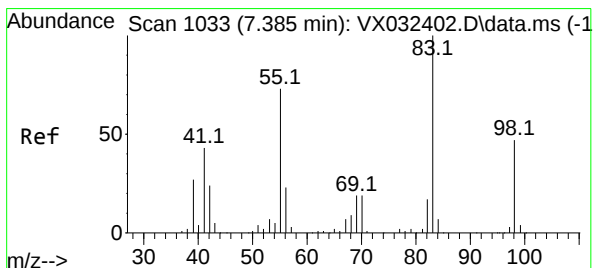
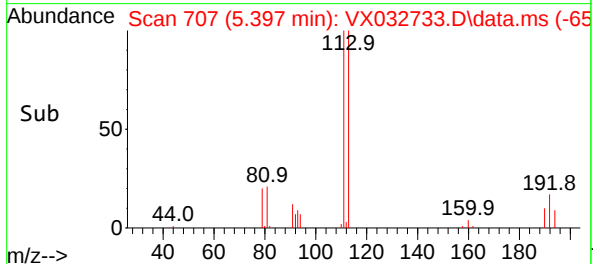
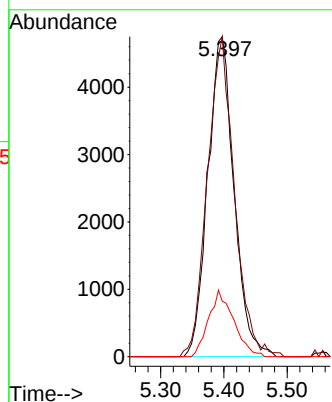
Tgt Ion:113 Resp: 13721

Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

192 19.8 15.4 23.2



#39

Methylcyclohexane

Concen: 2.192 ug/l

RT: 7.391 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VX032733.D

Acq: 10 Nov 2022 17:04

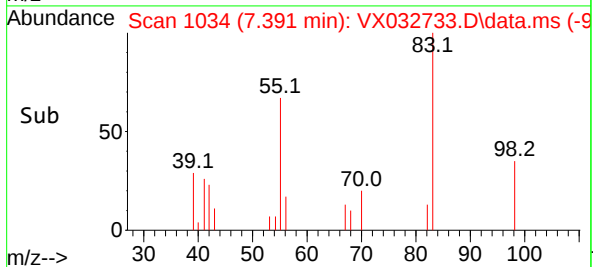
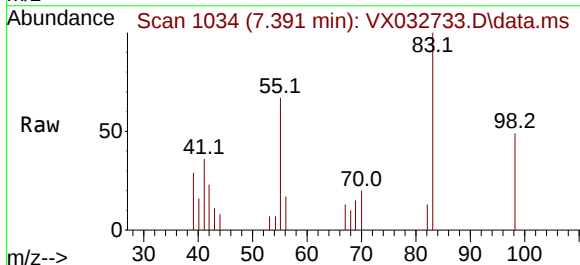
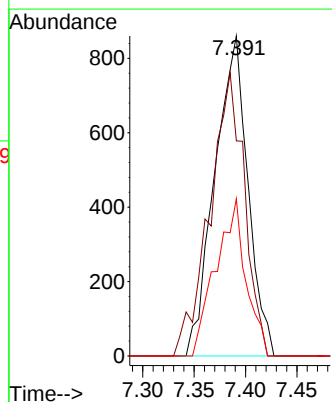
Tgt Ion: 83 Resp: 1926

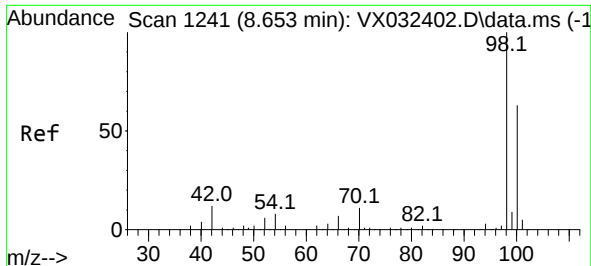
Ion Ratio Lower Upper

83 100

55 67.2 58.4 87.6

98 49.1 37.2 55.8

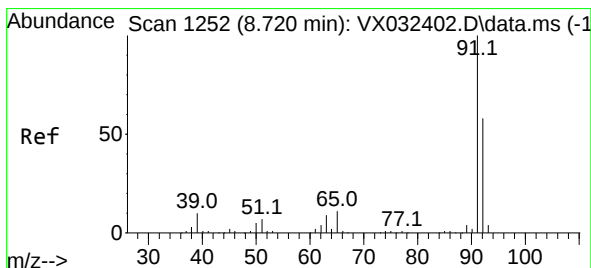
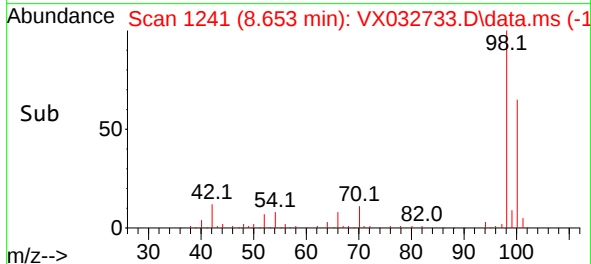
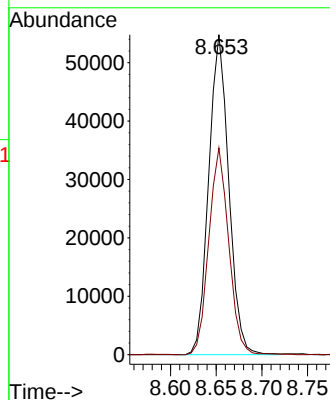
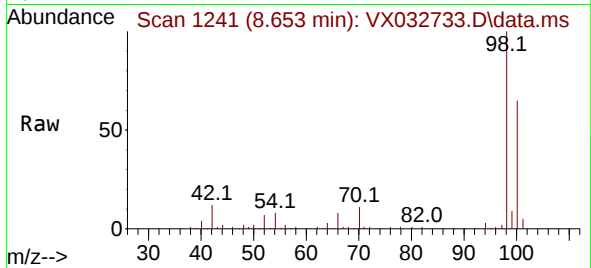




#50
Toluene-d8
Concen: 44.991 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032733.D
Acq: 10 Nov 2022 17:04

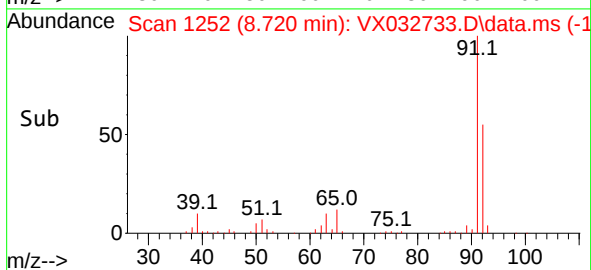
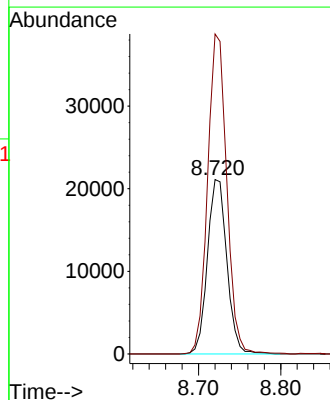
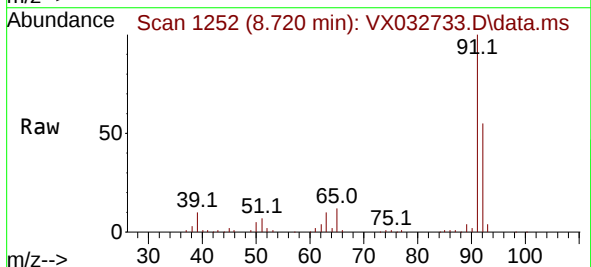
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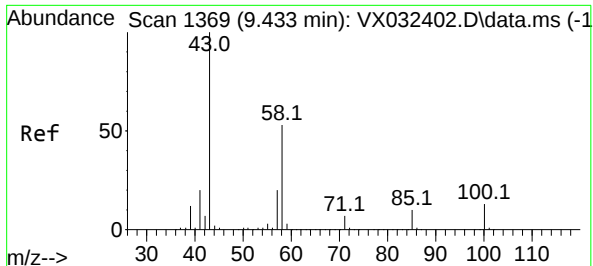
Tgt Ion: 98 Resp: 83428
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3



#52
Toluene
Concen: 25.292 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032733.D
Acq: 10 Nov 2022 17:04

Tgt Ion: 92 Resp: 34677
Ion Ratio Lower Upper
92 100
91 180.2 138.3 207.5

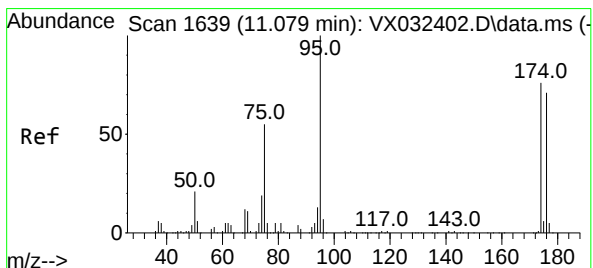
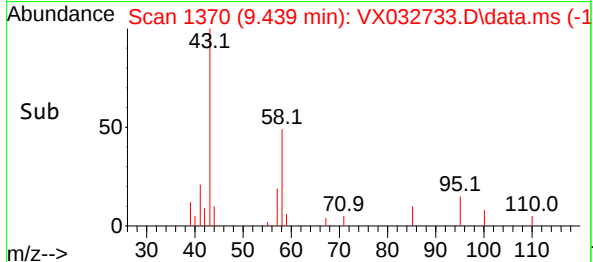
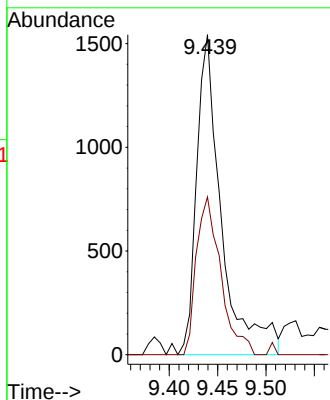
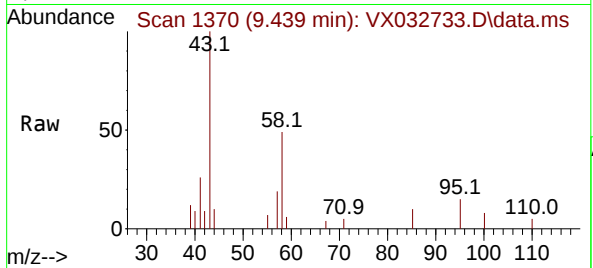




#59
2-Hexanone
Concen: 4.972 ug/l
RT: 9.439 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX032733.D
Acq: 10 Nov 2022 17:04

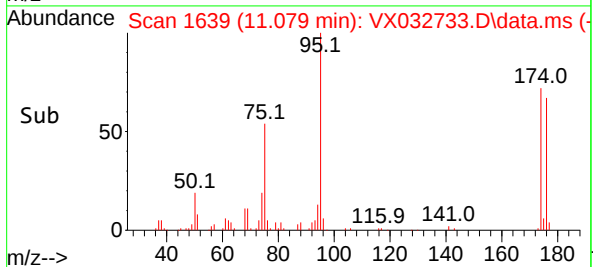
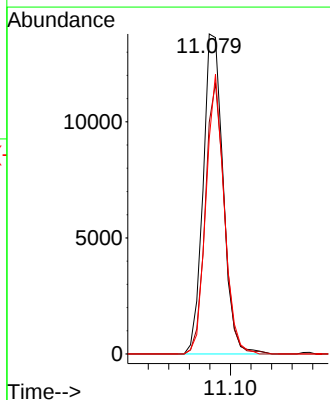
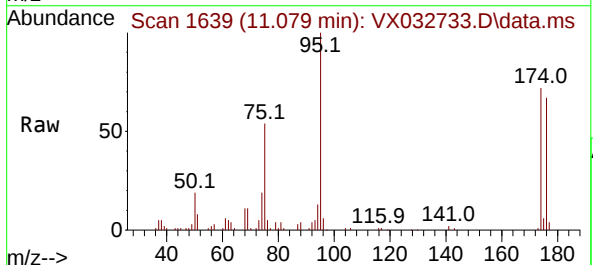
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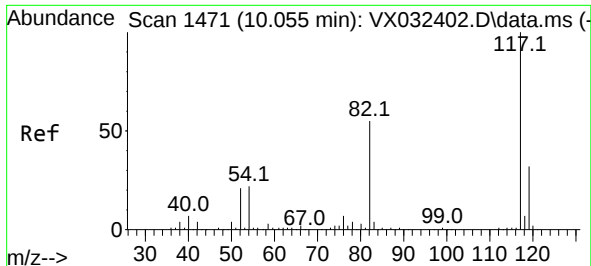
Tgt Ion: 43 Resp: 2758
Ion Ratio Lower Upper
43 100
58 48.5 26.5 79.5



#62
4-Bromofluorobenzene
Concen: 25.786 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032733.D
Acq: 10 Nov 2022 17:04

Tgt Ion: 95 Resp: 18678
Ion Ratio Lower Upper
95 100
174 80.1 0.0 164.0
176 79.2 0.0 154.4

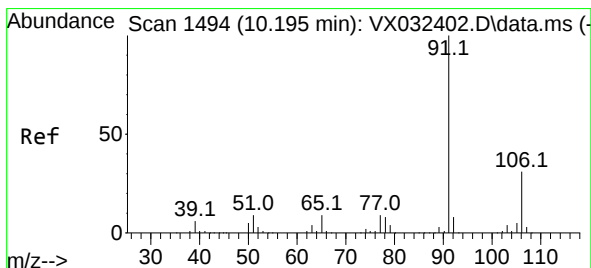
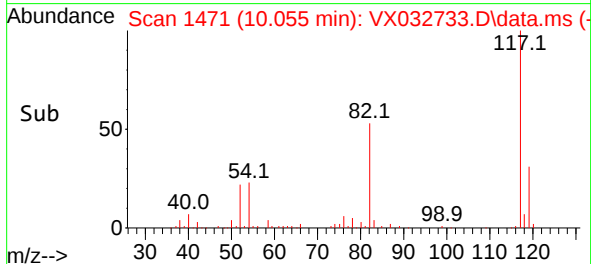
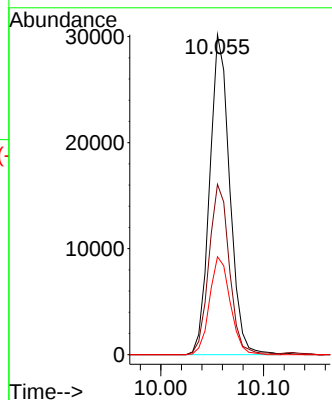
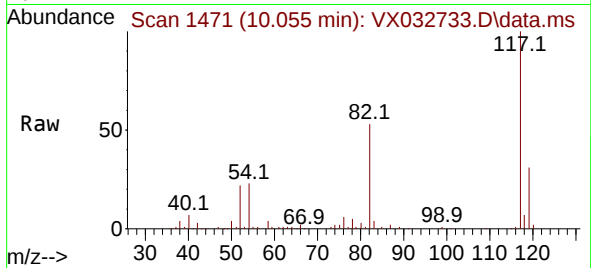




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032733.D
Acq: 10 Nov 2022 17:04

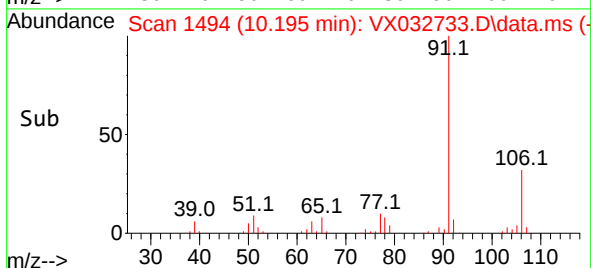
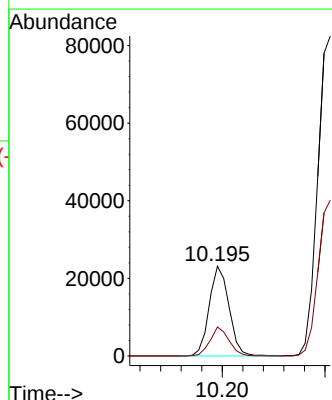
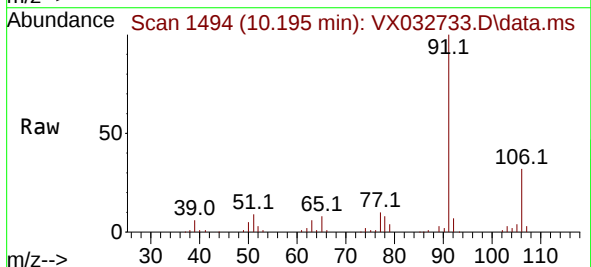
Instrument :
MSVOA_X
ClientSampleId :
NWB-1851RE

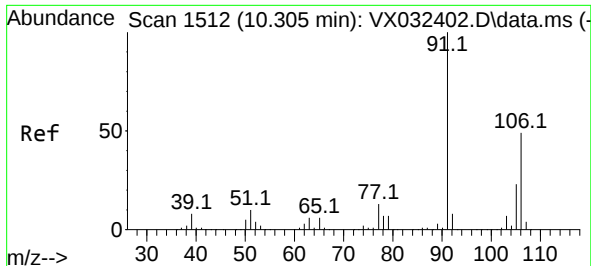
Tgt Ion:117 Resp: 40934
Ion Ratio Lower Upper
117 100
82 53.3 44.3 66.5
119 30.6 25.7 38.5



#67
Ethyl Benzene
Concen: 18.847 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032733.D
Acq: 10 Nov 2022 17:04

Tgt Ion: 91 Resp: 30903
Ion Ratio Lower Upper
91 100
106 32.3 25.0 37.6

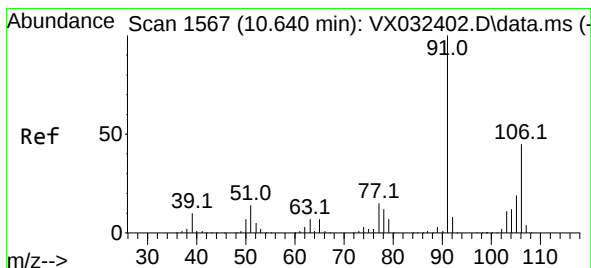
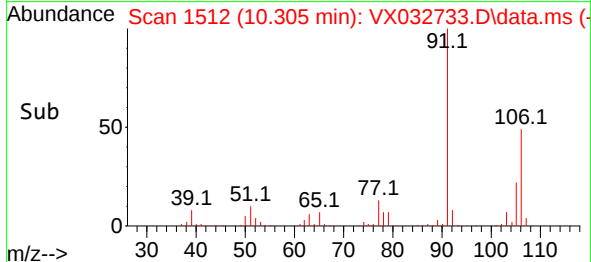
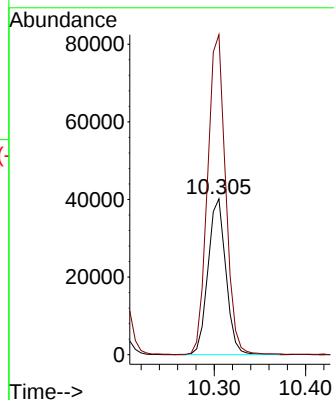
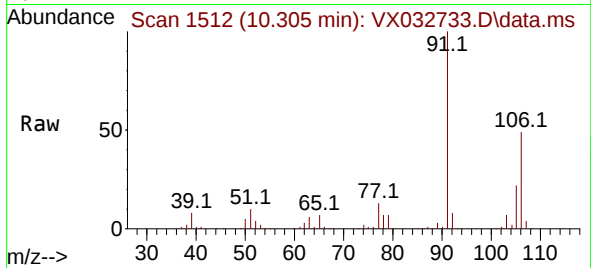




#68
m/p-Xylenes
Concen: 85.533 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX032733.D
Acq: 10 Nov 2022 17:04

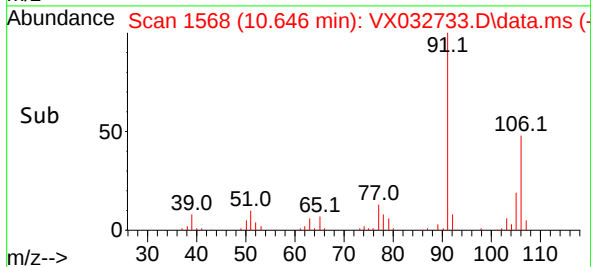
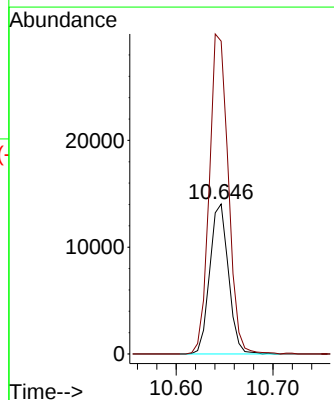
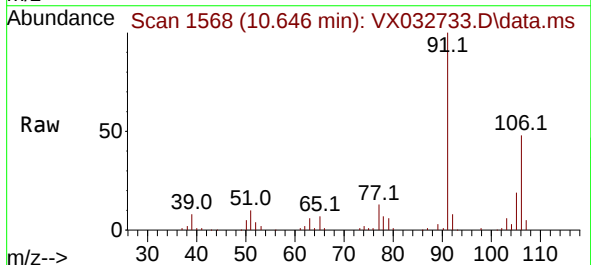
Instrument :
MSVOA_X
ClientSampleId :
NWB-1851RE

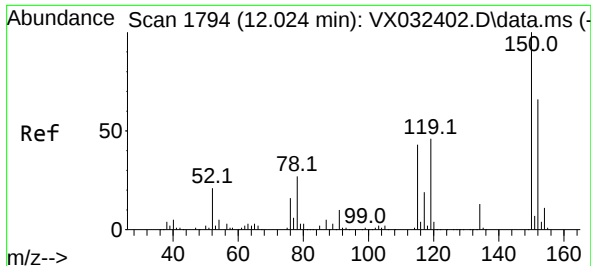
Tgt Ion:106 Resp: 54460
Ion Ratio Lower Upper
106 100
91 207.7 164.5 246.7



#69
o-Xylene
Concen: 30.430 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX032733.D
Acq: 10 Nov 2022 17:04

Tgt Ion:106 Resp: 18838
Ion Ratio Lower Upper
106 100
91 217.1 109.2 327.6

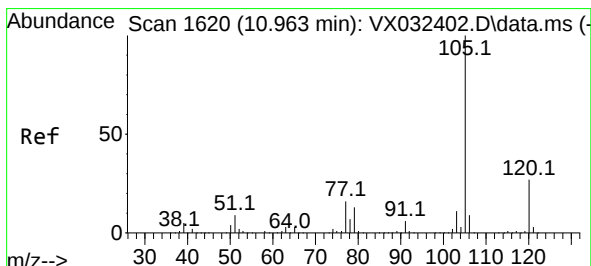
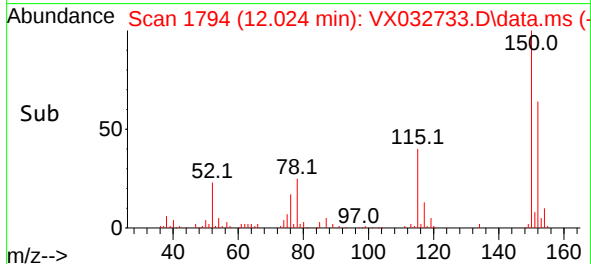
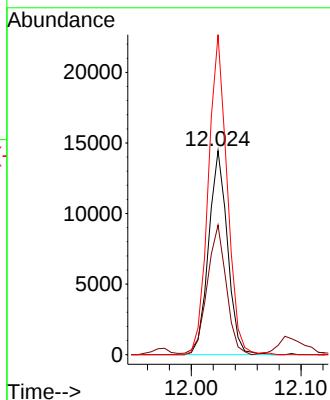
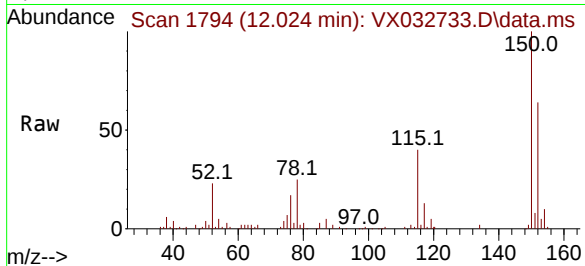




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032733.D
Acq: 10 Nov 2022 17:04

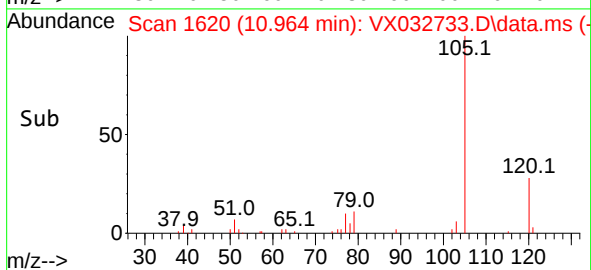
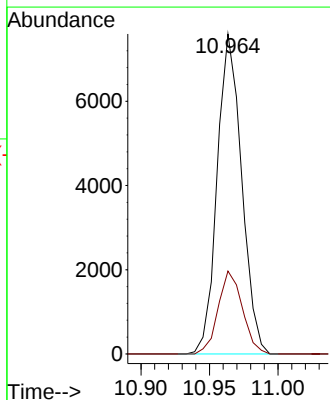
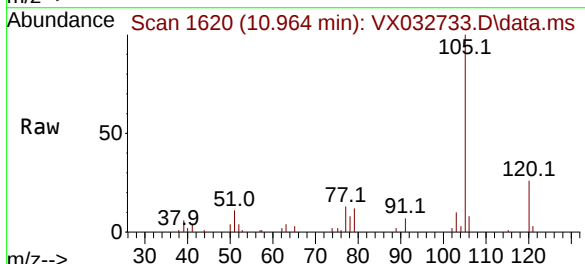
Instrument :
MSVOA_X
ClientSampleId :
NWB-1851RE

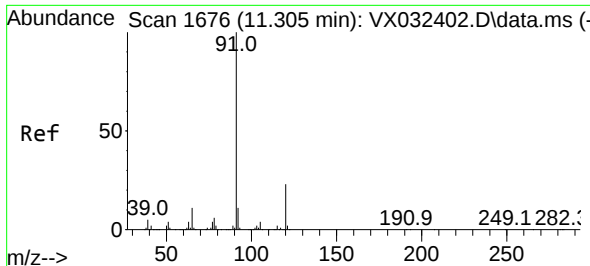
Tgt Ion:152 Resp: 17213
Ion Ratio Lower Upper
152 100
115 64.6 44.0 132.0
150 156.9 0.0 351.8



#73
Isopropylbenzene
Concen: 6.907 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032733.D
Acq: 10 Nov 2022 17:04

Tgt Ion:105 Resp: 9421
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.3

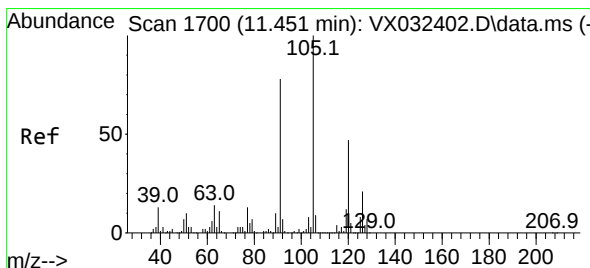
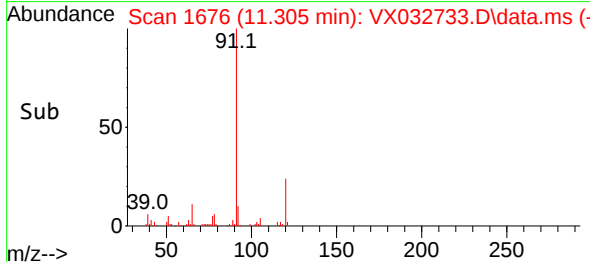
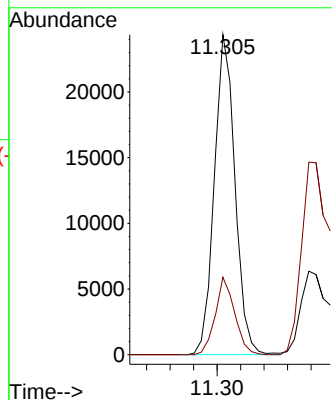
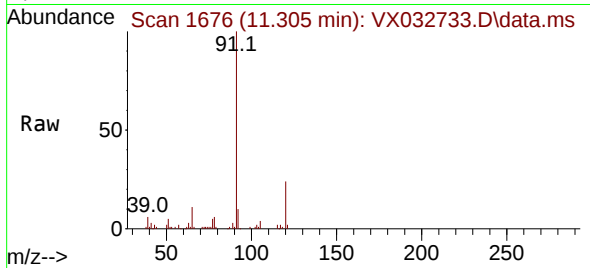




#78
n-propylbenzene
Concen: 18.968 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032733.D
Acq: 10 Nov 2022 17:04

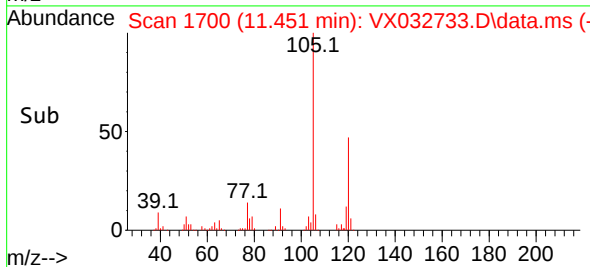
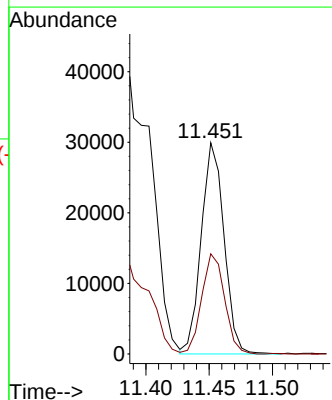
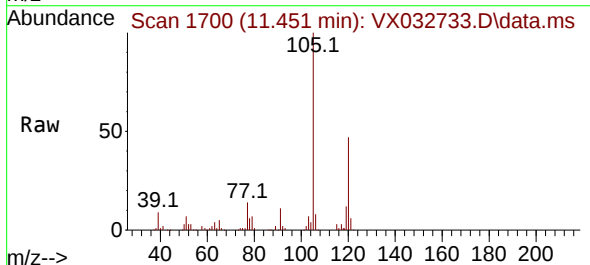
Instrument :
MSVOA_X
ClientSampleId :
NWB-1851RE

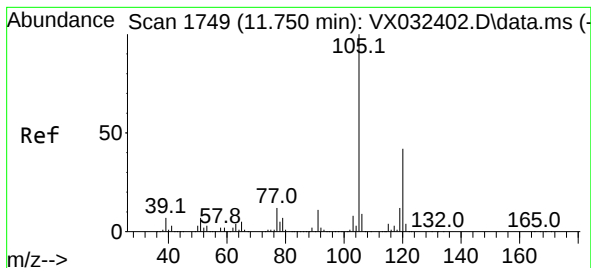
Tgt Ion: 91 Resp: 29809
Ion Ratio Lower Upper
91 100
120 22.7 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 32.275 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032733.D
Acq: 10 Nov 2022 17:04

Tgt Ion: 105 Resp: 37624
Ion Ratio Lower Upper
105 100
120 47.5 23.6 71.0





#84

1,2,4-Trimethylbenzene

Concen: 117.258 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX032733.D

Acq: 10 Nov 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

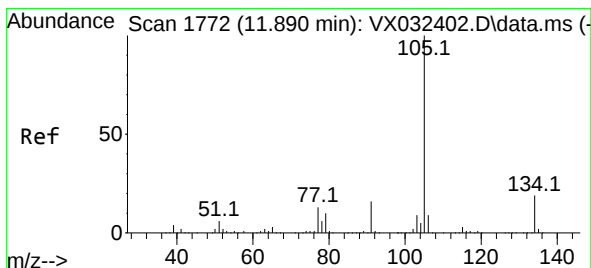
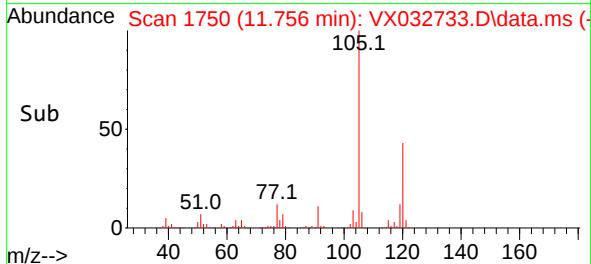
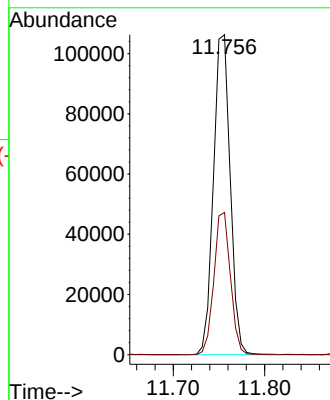
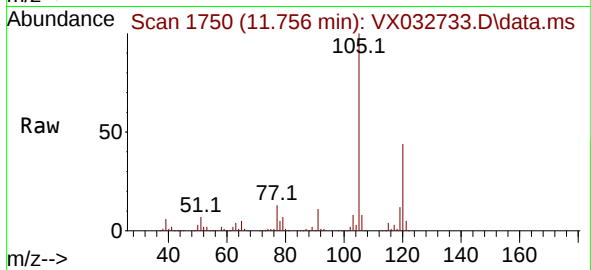
NWB-1851RE

Tgt Ion:105 Resp: 135955

Ion Ratio Lower Upper

105 100

120 43.7 21.9 65.5



#85

sec-Butylbenzene

Concen: 3.036 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX032733.D

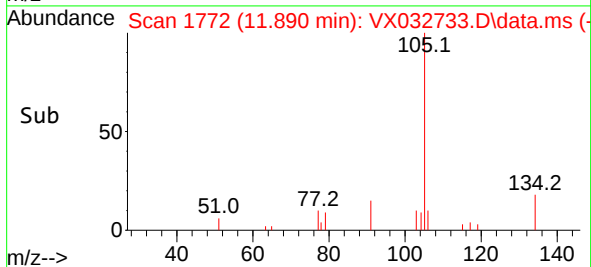
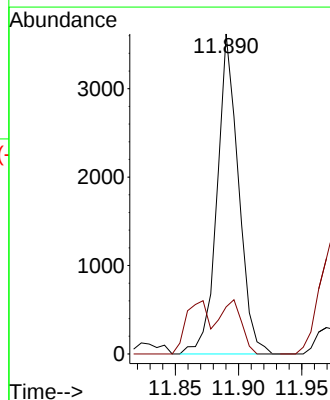
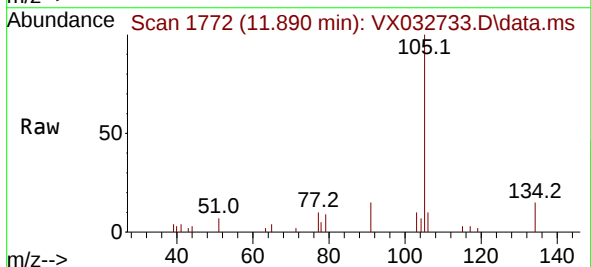
Acq: 10 Nov 2022 17:04

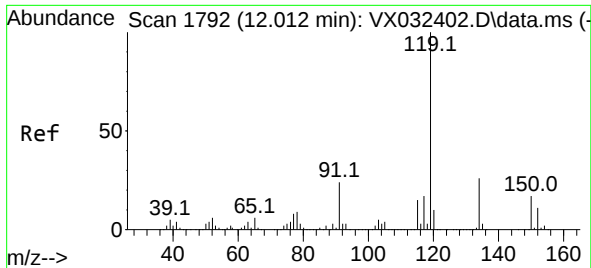
Tgt Ion:105 Resp: 4251

Ion Ratio Lower Upper

105 100

134 17.0 9.9 29.7

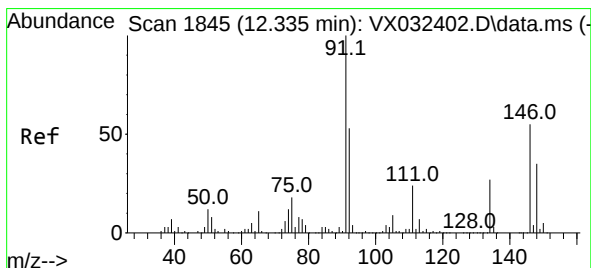
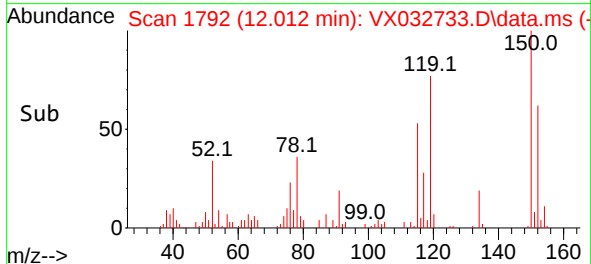
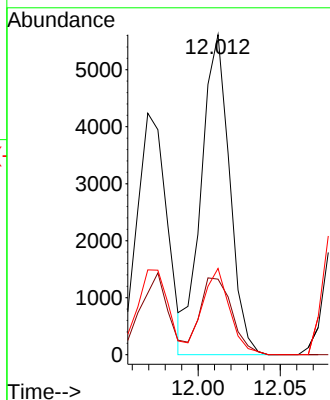
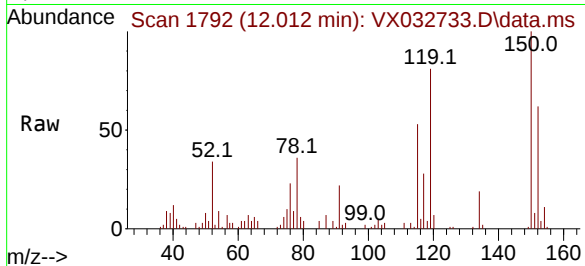




#86
p-Isopropyltoluene
Concen: 5.642 ug/l
RT: 12.012 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VX032733.D
Acq: 10 Nov 2022 17:04

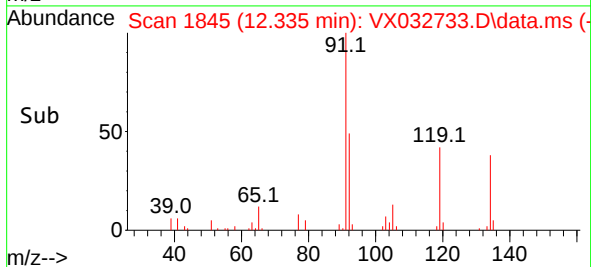
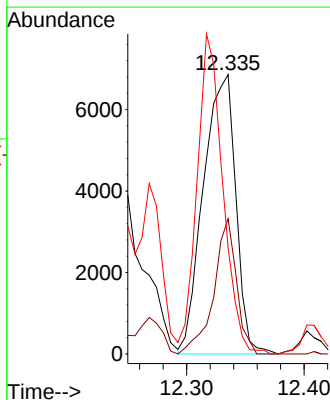
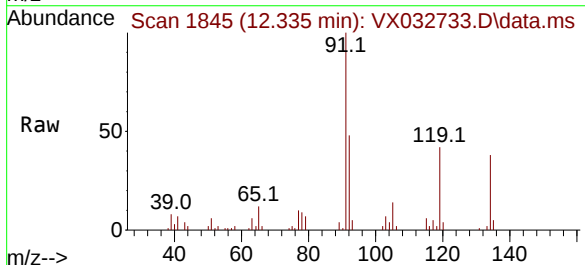
Instrument :
MSVOA_X
ClientSampleId :
NWB-1851RE

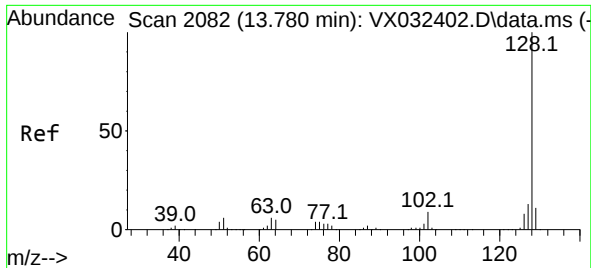
Tgt Ion:119 Resp: 6705
Ion Ratio Lower Upper
119 100
134 26.8 12.9 38.7
91 25.8 12.5 37.5



#89
n-Butylbenzene
Concen: 12.709 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032733.D
Acq: 10 Nov 2022 17:04

Tgt Ion: 91 Resp: 13138
Ion Ratio Lower Upper
91 100
92 34.0 26.2 78.6
134 90.6 12.9 38.6#





#95

Naphthalene

Concen: 15.074 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX032733.D

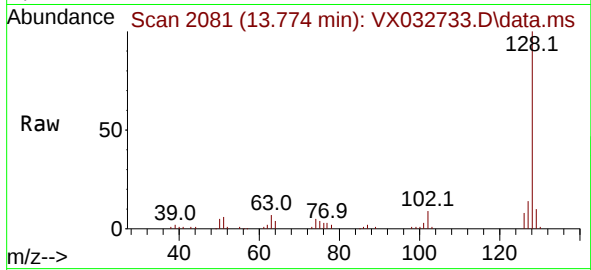
Acq: 10 Nov 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

NWB-1851RE



Tgt Ion:128 Resp: 20370

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 11.1 8.9 13.3

