

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011723\
 Data File : VX033760.D
 Acq On : 17 Jan 2023 15:21
 Operator : JC/MD
 Sample : 01144-01ME
 Misc : 5.09g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WASTE-ELIZABETHME

Quant Time: Jan 18 04:07:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

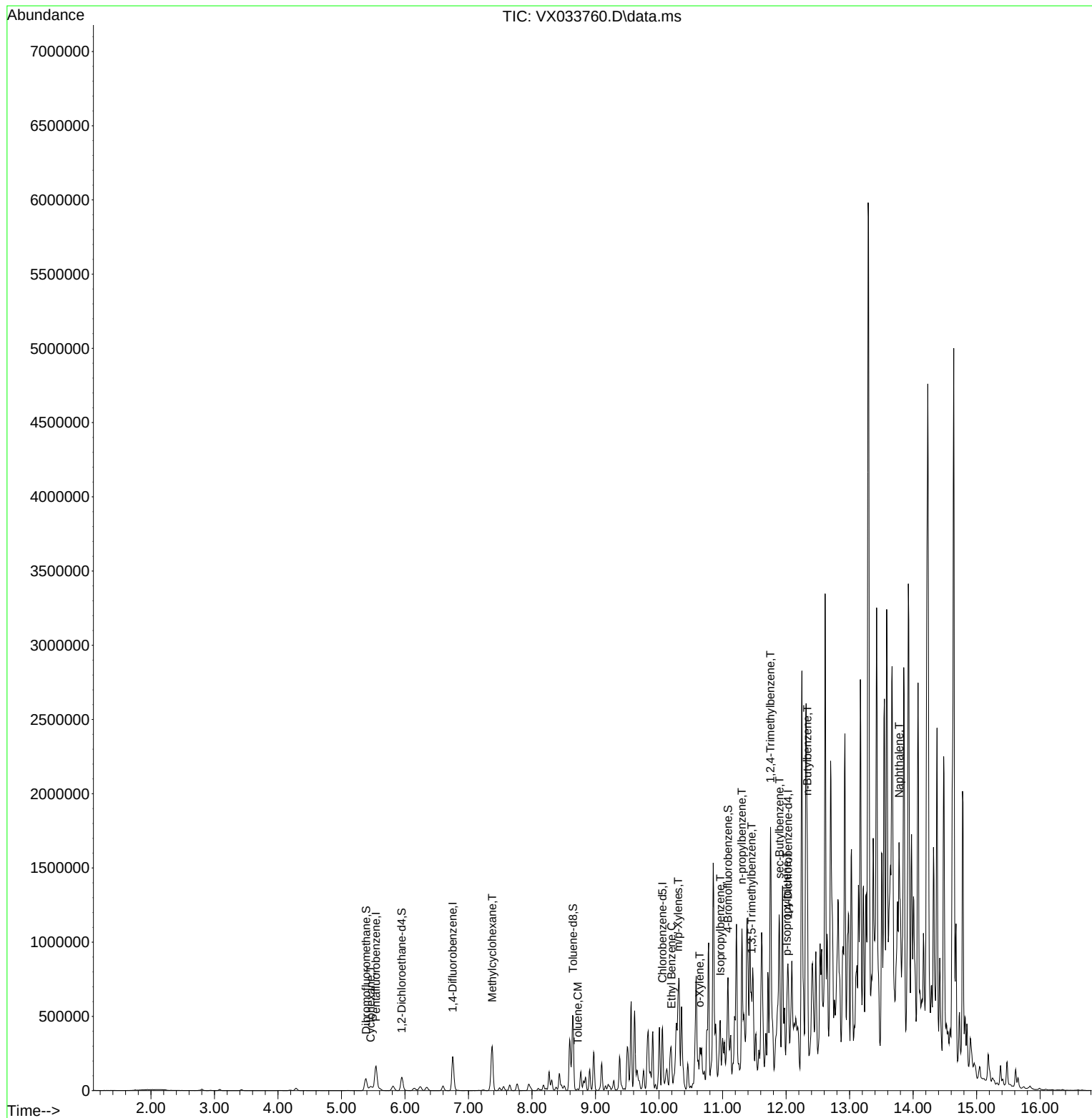
Internal Standards						
1) Pentafluorobenzene	5.544	168	177908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	235296	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.055	117	219673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.030	152	117621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	89152	47.593	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.180%		
35) Dibromofluoromethane	5.385	113	71265	48.776	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.560%		
50) Toluene-d8	8.647	98	290385	54.548	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	109.100%		
62) 4-Bromofluorobenzene	11.085	95	112098	56.716	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	113.440%		
Target Compounds						Qvalue
31) Cyclohexane	5.458	56	20220	7.336	ug/l	99
39) Methylcyclohexane	7.373	83	137078	52.056	ug/l	98
52) Toluene	8.720	92	4370	1.089	ug/l	99
67) Ethyl Benzene	10.195	91	89223	11.427	ug/l	99
68) m/p-Xylenes	10.299	106	101223	33.144	ug/l	97
69) o-Xylene	10.640	106	44546	14.708	ug/l	100
73) Isopropylbenzene	10.963	105	197004	24.154	ug/l	99
78) n-propylbenzene	11.305	91	627588	65.388	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	147825	20.886	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	615016	91.862	ug/l	99
85) sec-Butylbenzene	11.896	105	381476	45.385	ug/l	85
86) p-Isopropyltoluene	12.012	119	123561	17.170	ug/l	99
89) n-Butylbenzene	12.335	91	513493	87.221	ug/l #	73
95) Naphthalene	13.780	128	821092	110.479	ug/l #	92

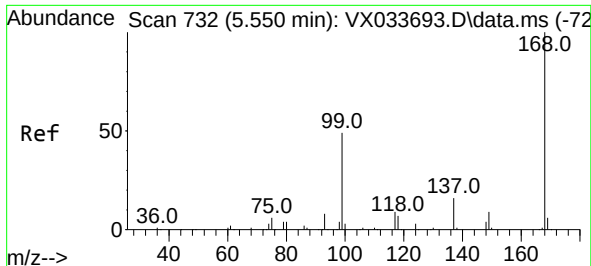
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 18 04:07:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
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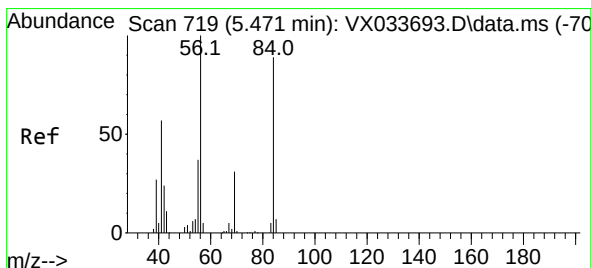
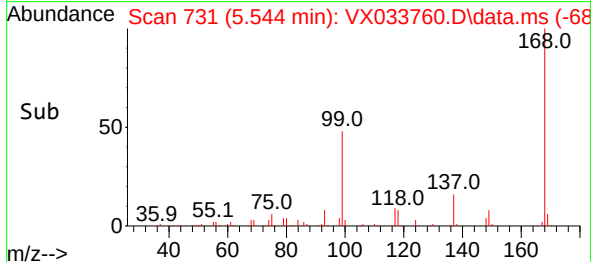
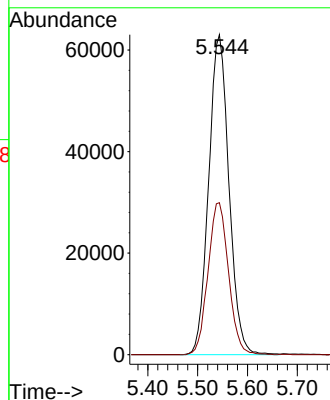
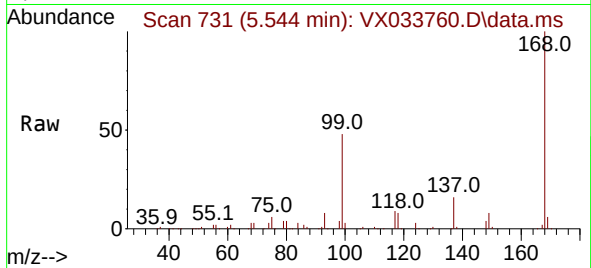




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX033760.D
Acq: 17 Jan 2023 15:21

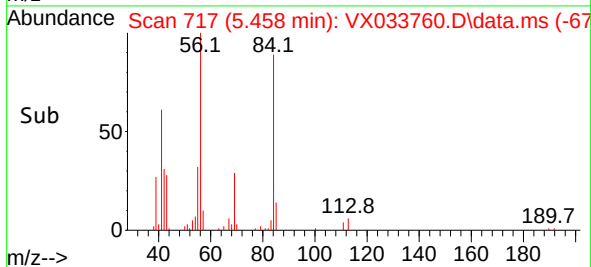
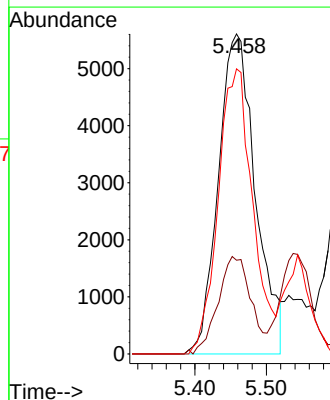
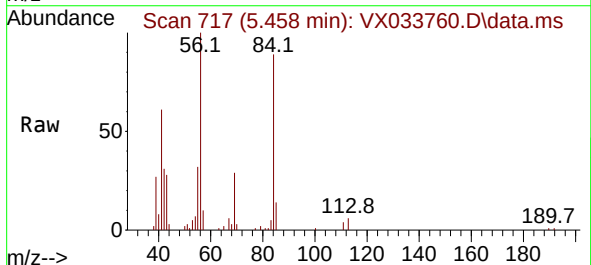
Instrument :
MSVOA_X
ClientSampleId :
WASTE-ELIZABETHME

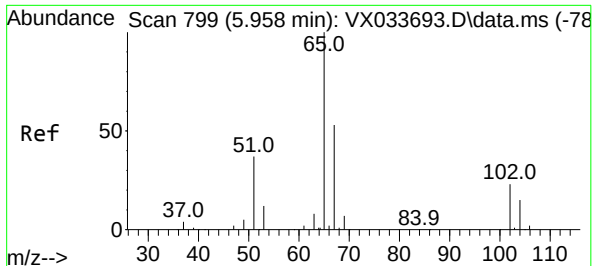
Tgt Ion:168 Resp: 177908
Ion Ratio Lower Upper
168 100
99 47.5 39.6 59.4



#31
Cyclohexane
Concen: 7.336 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.012 min
Lab File: VX033760.D
Acq: 17 Jan 2023 15:21

Tgt Ion: 56 Resp: 20220
Ion Ratio Lower Upper
56 100
69 29.3 24.6 37.0
84 89.1 71.0 106.6





#33

1,2-Dichloroethane-d4

Concen: 47.593 ug/l

RT: 5.946 min Scan# 799

Delta R.T. -0.012 min

Lab File: VX033760.D

Acq: 17 Jan 2023 15:21

Instrument :

MSVOA_X

ClientSampleId :

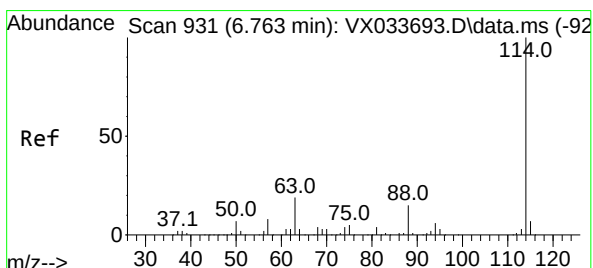
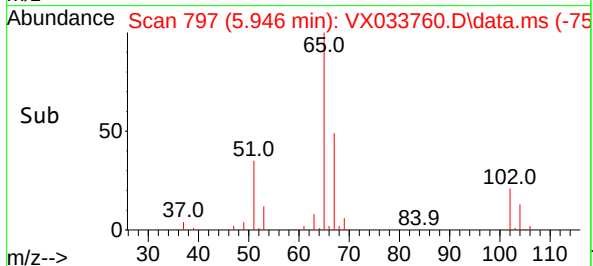
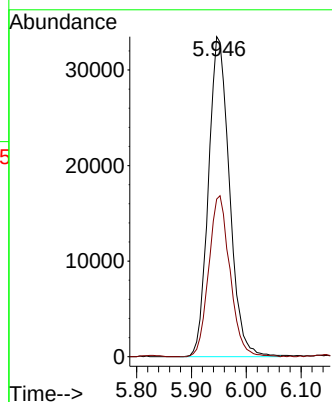
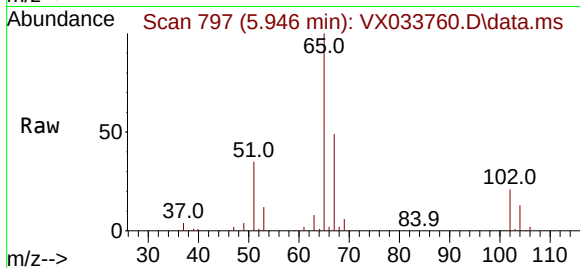
WASTE-ELIZABETHME

Tgt Ion: 65 Resp: 89152

Ion Ratio Lower Upper

65 100

67 50.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.012 min

Lab File: VX033760.D

Acq: 17 Jan 2023 15:21

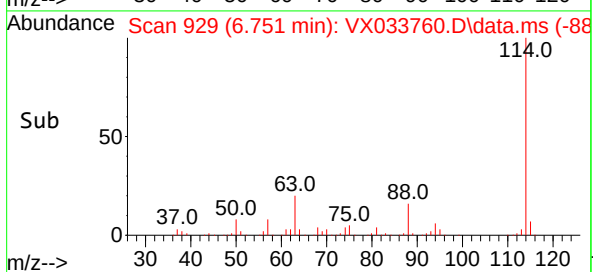
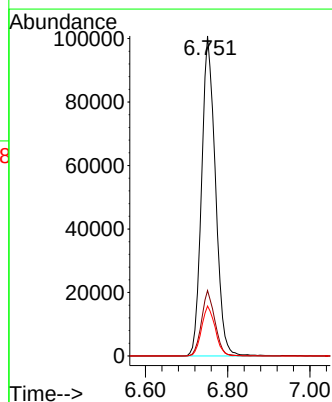
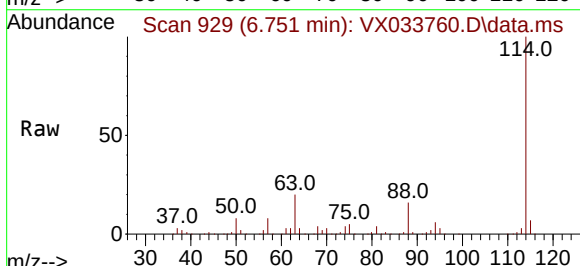
Tgt Ion: 114 Resp: 235296

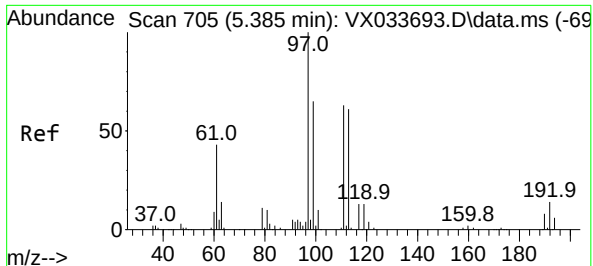
Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.776 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX033760.D

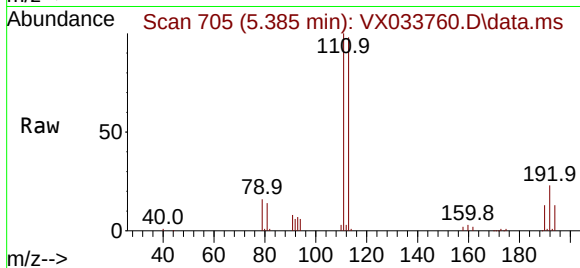
Acq: 17 Jan 2023 15:21

Instrument :

MSVOA_X

ClientSampleId :

WASTE-ELIZABETHME



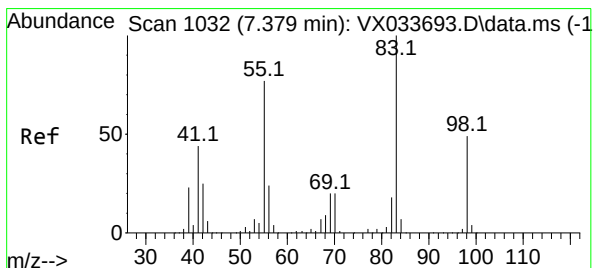
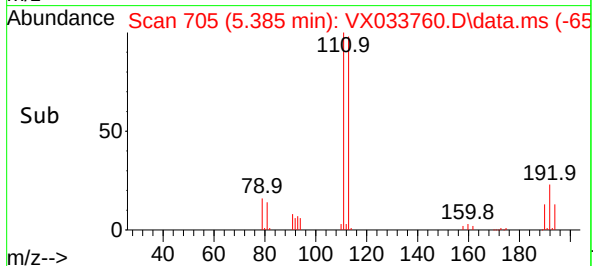
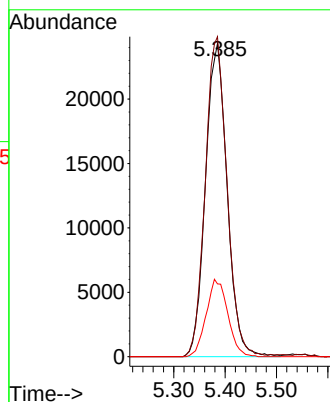
Tgt Ion:113 Resp: 71265

Ion Ratio Lower Upper

113 100

111 102.2 83.0 124.6

192 24.6 19.0 28.4



#39

Methylcyclohexane

Concen: 52.056 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX033760.D

Acq: 17 Jan 2023 15:21

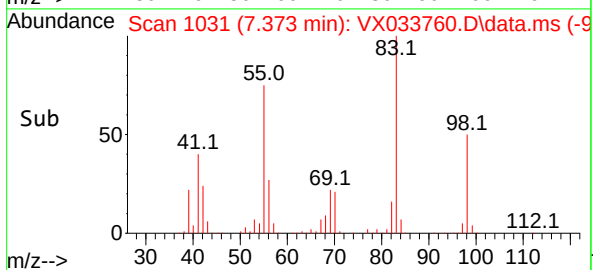
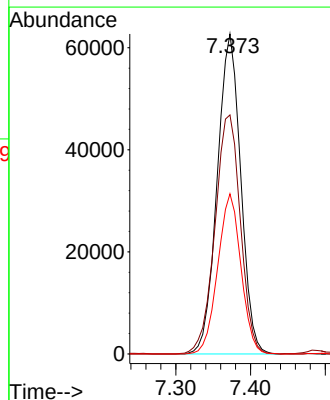
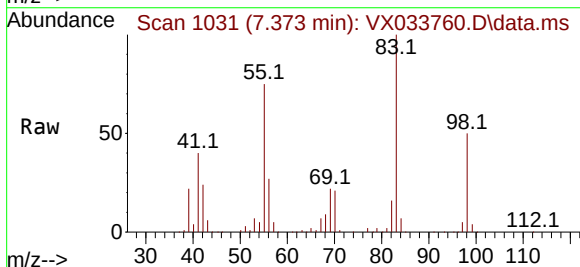
Tgt Ion: 83 Resp: 137078

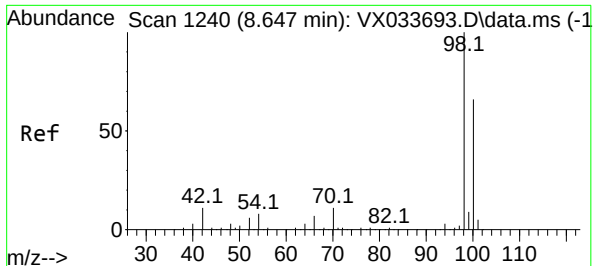
Ion Ratio Lower Upper

83 100

55 74.7 61.8 92.6

98 50.1 39.3 58.9

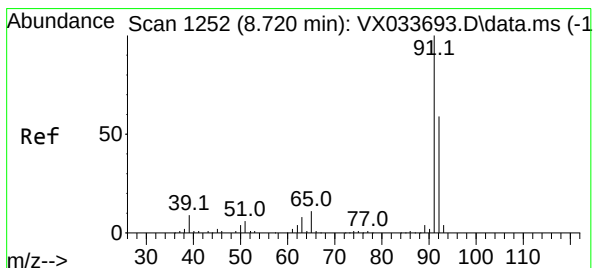
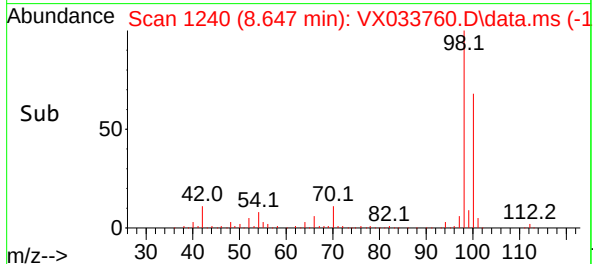
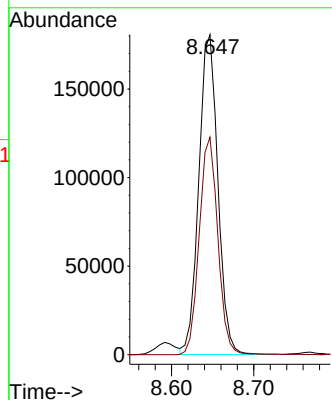
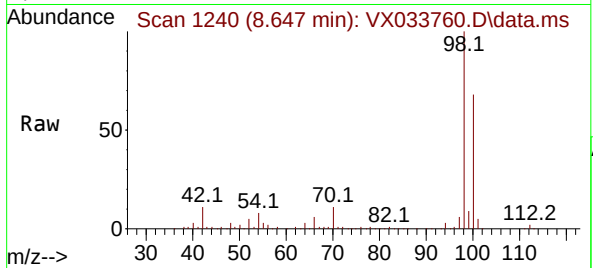




#50
Toluene-d8
Concen: 54.548 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033760.D
Acq: 17 Jan 2023 15:21

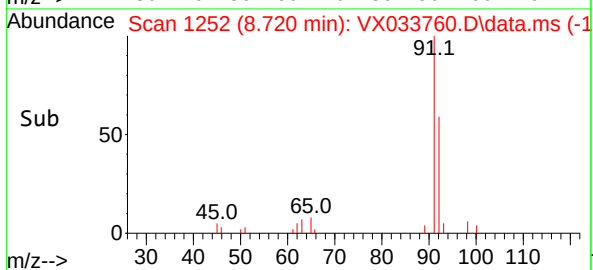
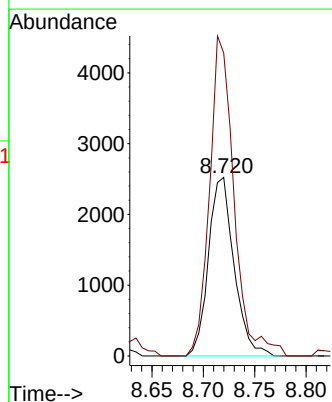
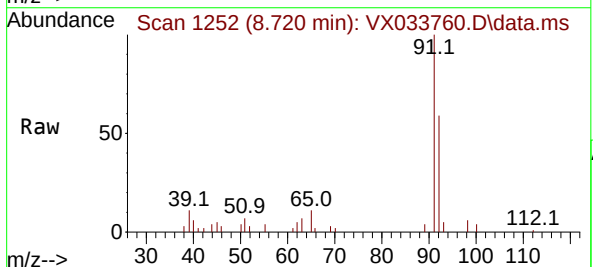
Instrument :
MSVOA_X
ClientSampleId :
WASTE-ELIZABETHME

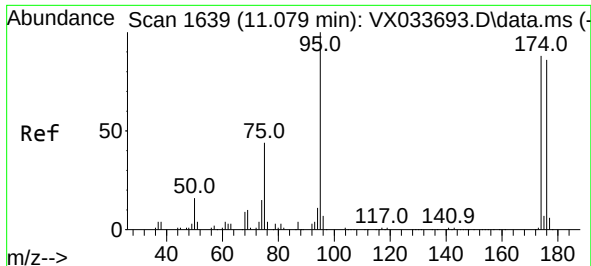
Tgt Ion: 98 Resp: 290385
Ion Ratio Lower Upper
98 100
100 66.5 53.6 80.4



#52
Toluene
Concen: 1.089 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033760.D
Acq: 17 Jan 2023 15:21

Tgt Ion: 92 Resp: 4370
Ion Ratio Lower Upper
92 100
91 171.1 135.5 203.3

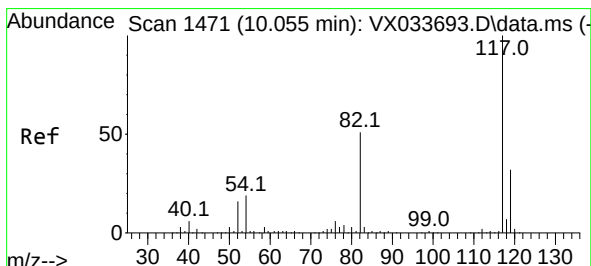
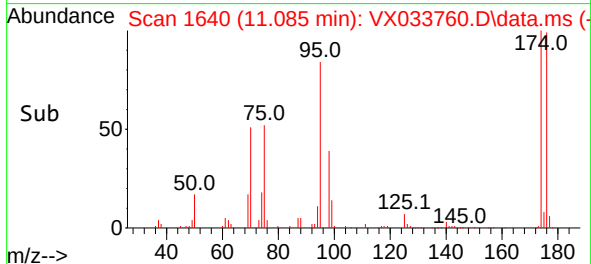
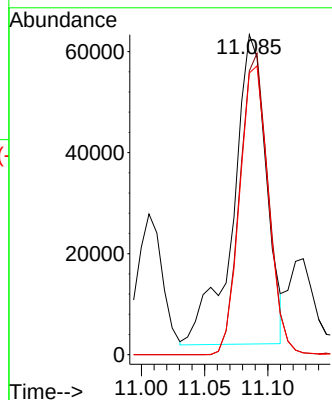
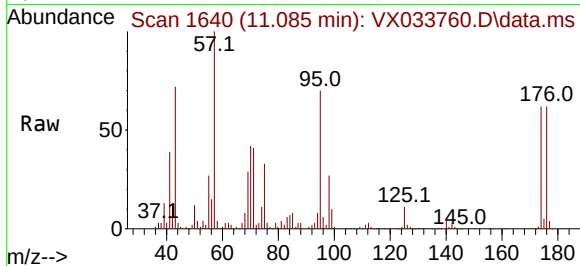




#62
4-Bromofluorobenzene
Concen: 56.716 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX033760.D
Acq: 17 Jan 2023 15:21

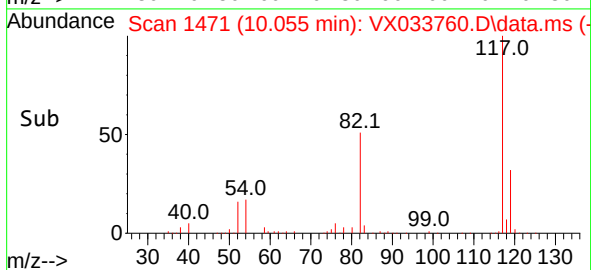
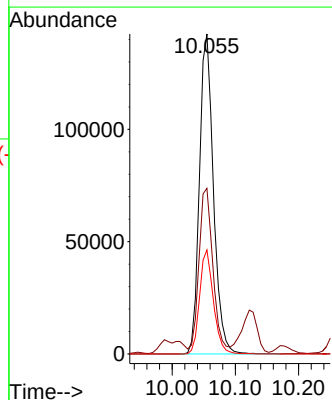
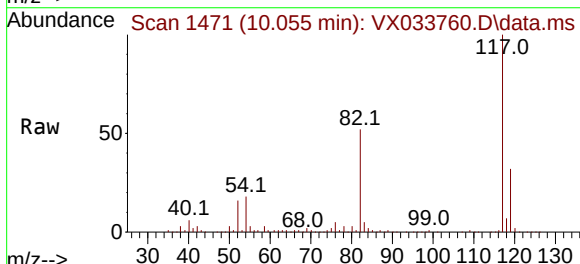
Instrument :
MSVOA_X
ClientSampleId :
WASTE-ELIZABETHME

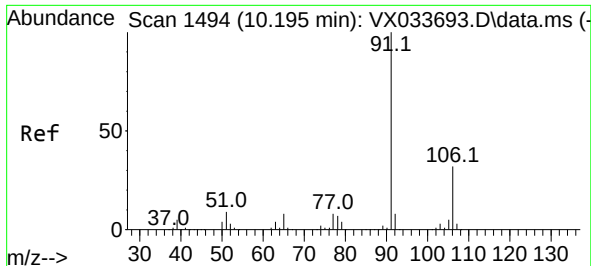
Tgt Ion: 95 Resp: 112098
Ion Ratio Lower Upper
95 100
174 83.5 0.0 184.4
176 81.2 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033760.D
Acq: 17 Jan 2023 15:21

Tgt Ion: 117 Resp: 219673
Ion Ratio Lower Upper
117 100
82 49.2 40.6 60.8
119 32.5 25.6 38.4





#67

Ethyl Benzene

Concen: 11.427 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX033760.D

Acq: 17 Jan 2023 15:21

Instrument :

MSVOA_X

ClientSampleId :

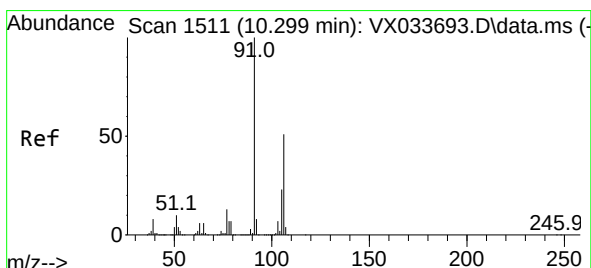
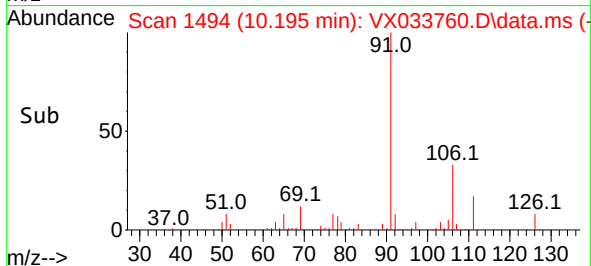
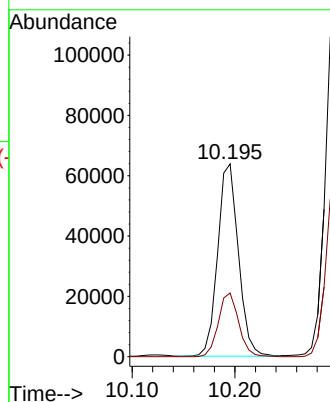
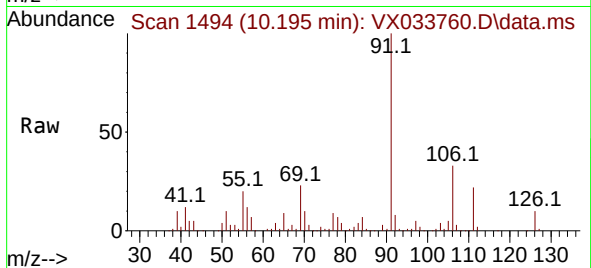
WASTE-ELIZABETHME

Tgt Ion: 91 Resp: 89223

Ion Ratio Lower Upper

91 100

106 33.1 25.8 38.8



#68

m/p-Xylenes

Concen: 33.144 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX033760.D

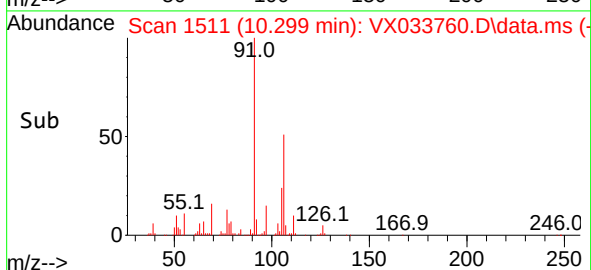
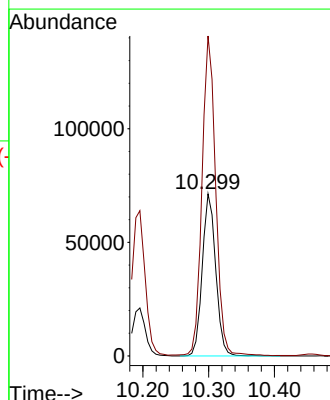
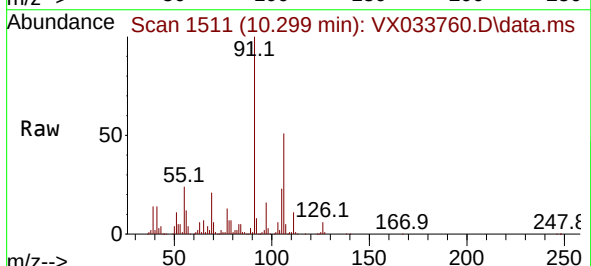
Acq: 17 Jan 2023 15:21

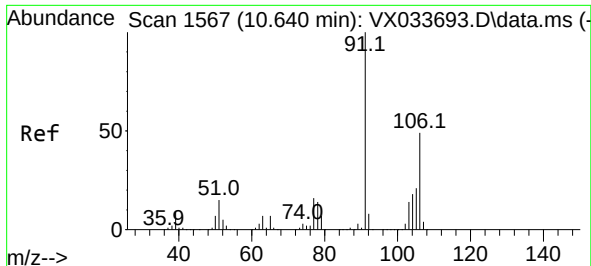
Tgt Ion:106 Resp: 101223

Ion Ratio Lower Upper

106 100

91 199.9 156.4 234.6

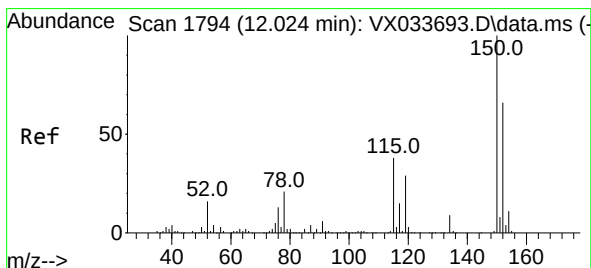
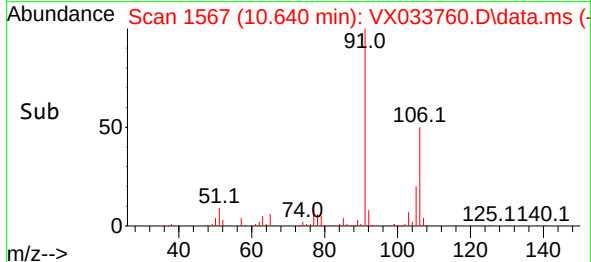
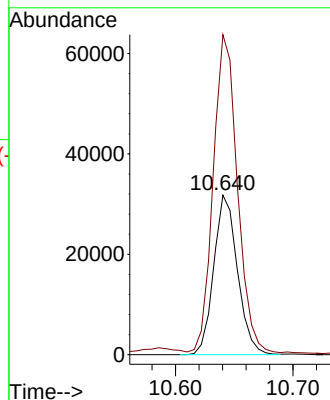
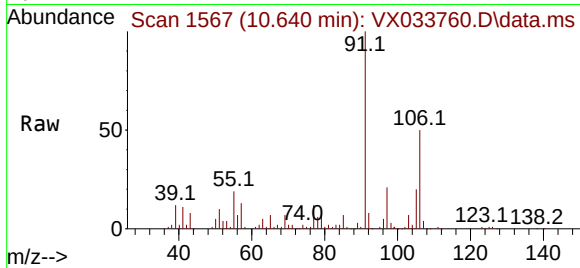




#69
o-Xylene
Concen: 14.708 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033760.D
Acq: 17 Jan 2023 15:21

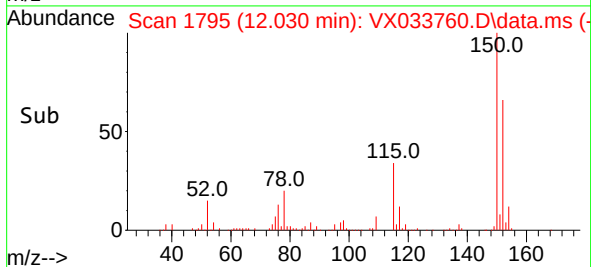
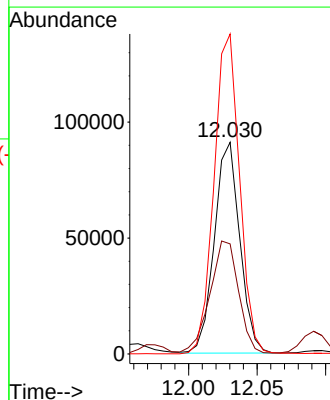
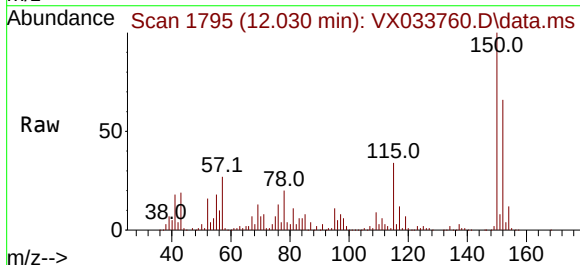
Instrument :
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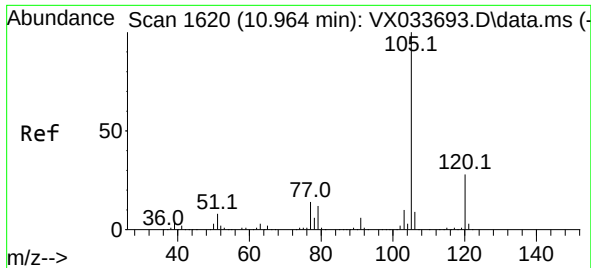
Tgt Ion:106 Resp: 44546
Ion Ratio Lower Upper
106 100
91 205.9 103.1 309.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.030 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VX033760.D
Acq: 17 Jan 2023 15:21

Tgt Ion:152 Resp: 117621
Ion Ratio Lower Upper
152 100
115 59.7 38.7 116.1
150 152.2 0.0 348.2

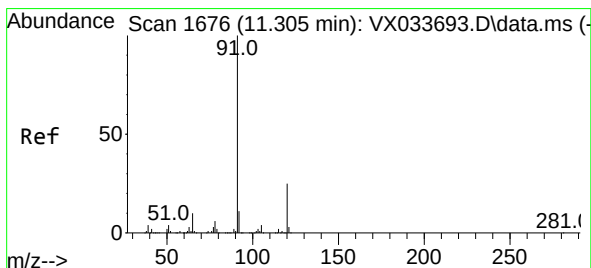
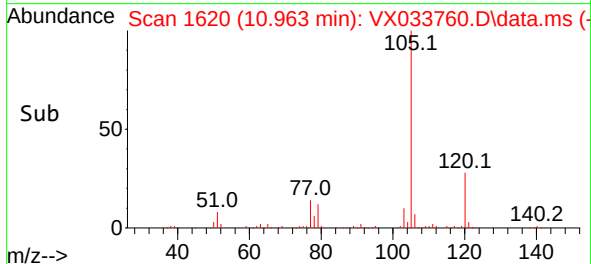
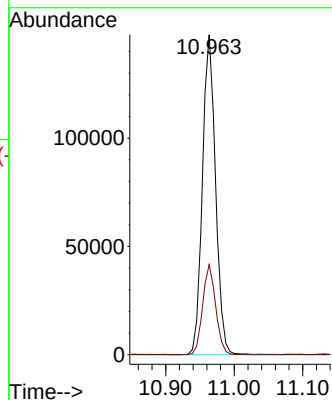
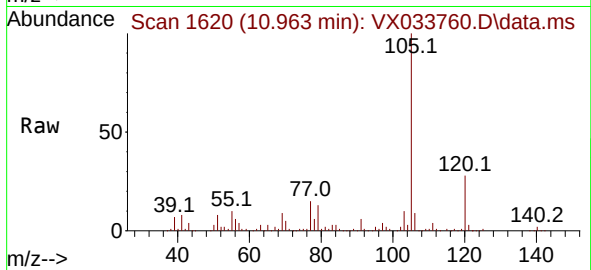




#73
Isopropylbenzene
Concen: 24.154 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX033760.D
Acq: 17 Jan 2023 15:21

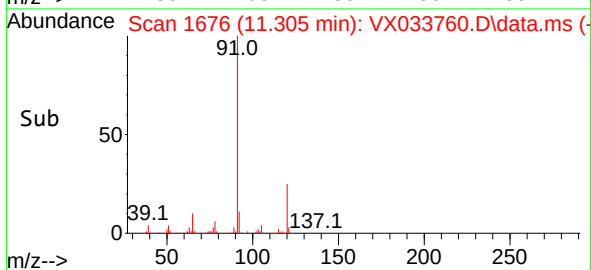
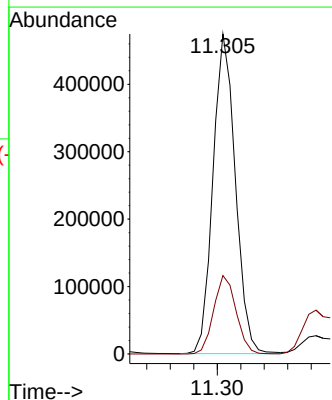
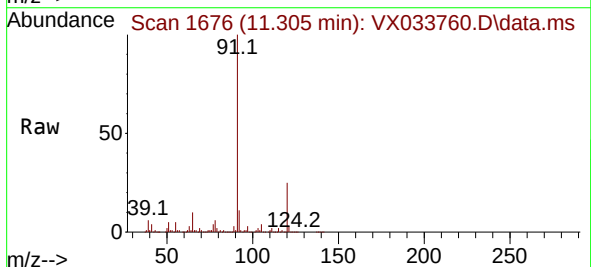
Instrument :
MSVOA_X
ClientSampleId :
WASTE-ELIZABETHME

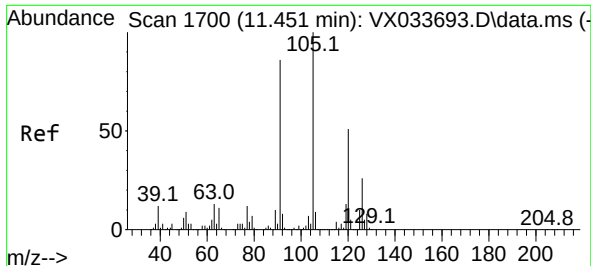
Tgt Ion:105 Resp: 197004
Ion Ratio Lower Upper
105 100
120 27.9 13.6 40.8



#78
n-propylbenzene
Concen: 65.388 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033760.D
Acq: 17 Jan 2023 15:21

Tgt Ion: 91 Resp: 627588
Ion Ratio Lower Upper
91 100
120 24.5 12.3 36.8

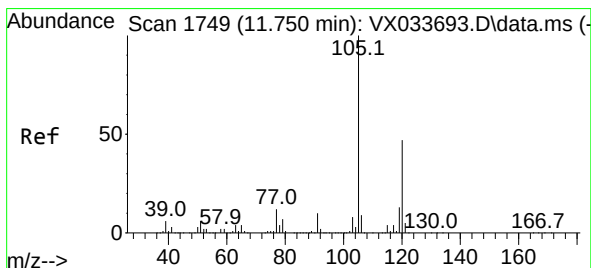
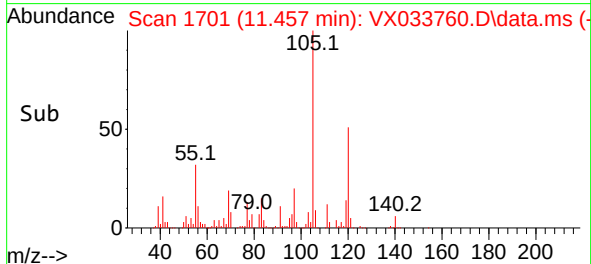
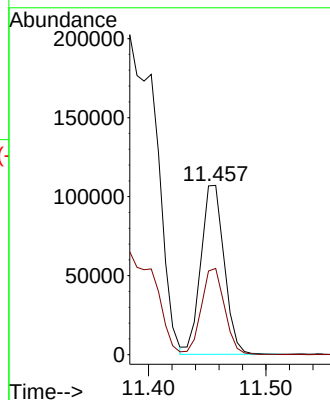
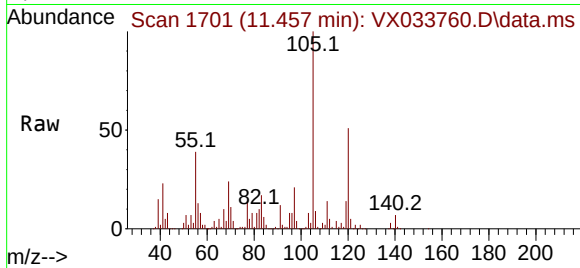




#80
 1,3,5-Trimethylbenzene
 Concen: 20.886 ug/l
 RT: 11.457 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX033760.D
 Acq: 17 Jan 2023 15:21

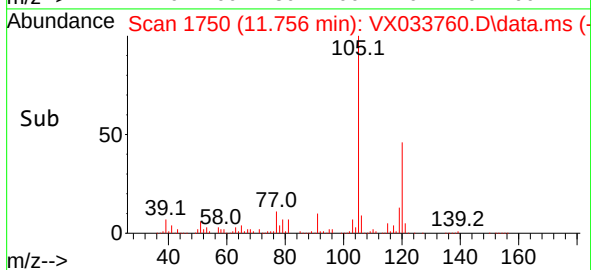
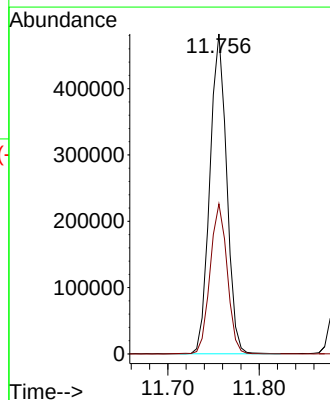
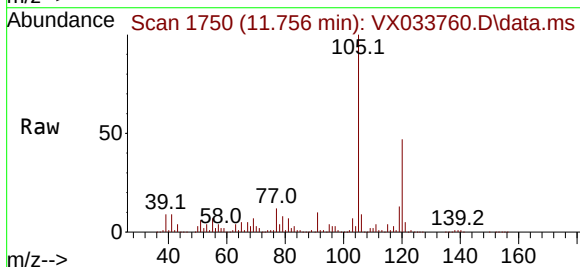
Instrument :
 MSVOA_X
 ClientSampleId :
 WASTE-ELIZABETHME

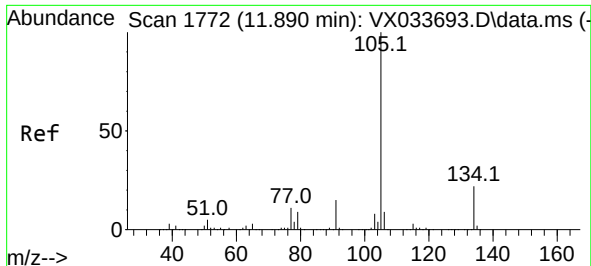
Tgt Ion:105 Resp: 147825
 Ion Ratio Lower Upper
 105 100
 120 51.0 25.6 76.8



#84
 1,2,4-Trimethylbenzene
 Concen: 91.862 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX033760.D
 Acq: 17 Jan 2023 15:21

Tgt Ion:105 Resp: 615016
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.4 70.2

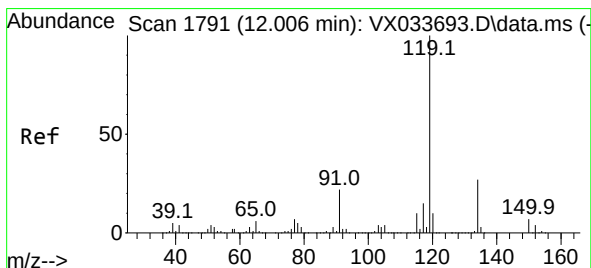
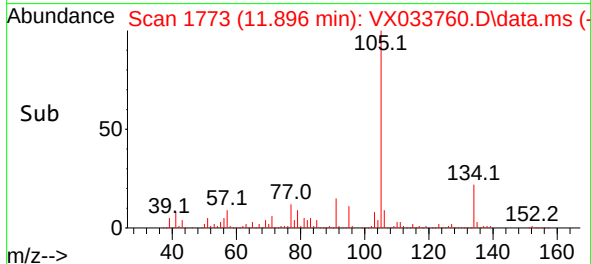
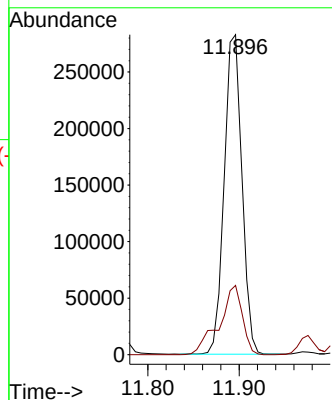
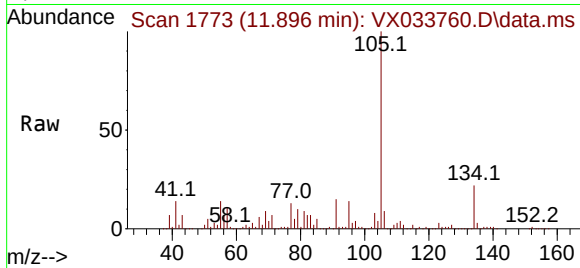




#85
 sec-Butylbenzene
 Concen: 45.385 ug/l
 RT: 11.896 min Scan# 11896
 Delta R.T. 0.006 min
 Lab File: VX033760.D
 Acq: 17 Jan 2023 15:21

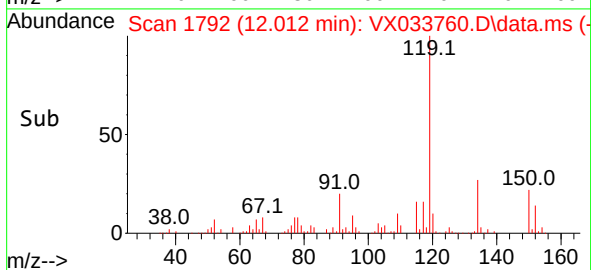
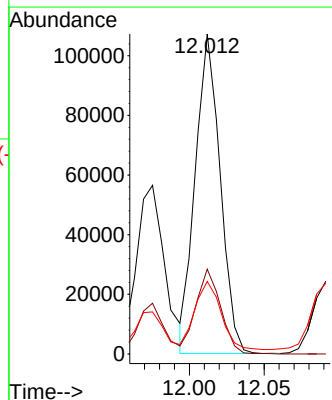
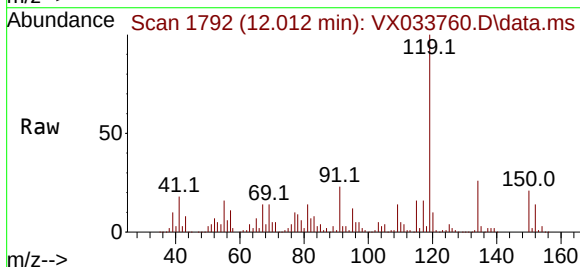
Instrument :
 MSVOA_X
 ClientSampleId :
 WASTE-ELIZABETHME

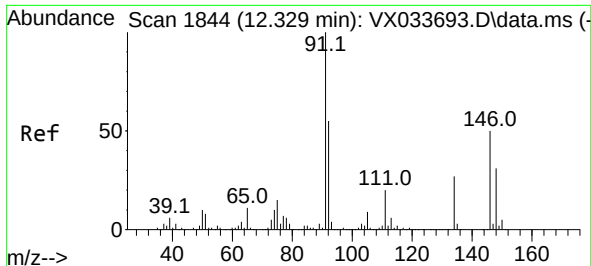
Tgt Ion:105 Resp: 381476
 Ion Ratio Lower Upper
 105 100
 134 28.4 10.8 32.3



#86
 p-Isopropyltoluene
 Concen: 17.170 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX033760.D
 Acq: 17 Jan 2023 15:21

Tgt Ion:119 Resp: 123561
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.6 40.8
 91 22.3 11.0 33.0

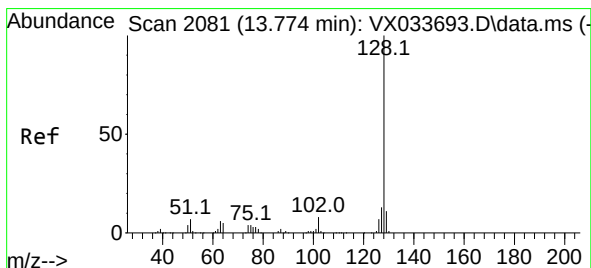
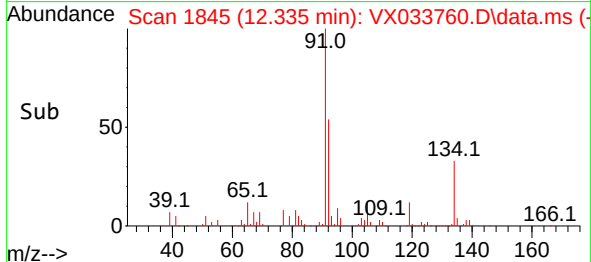
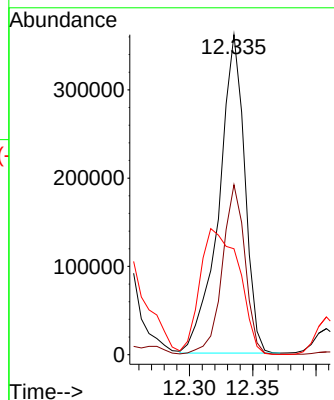
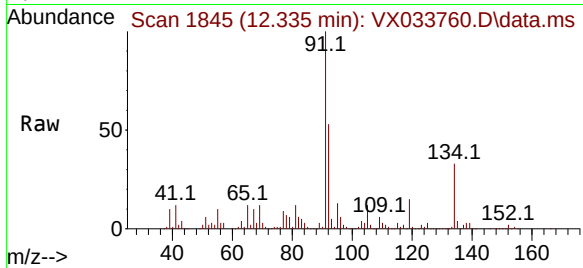




#89
n-Butylbenzene
Concen: 87.221 ug/l
RT: 12.335 min Scan# 1844
Delta R.T. 0.006 min
Lab File: VX033760.D
Acq: 17 Jan 2023 15:21

Instrument :
MSVOA_X
ClientSampleId :
WASTE-ELIZABETHME

Tgt Ion: 91 Resp: 513493
Ion Ratio Lower Upper
91 100
92 46.8 27.5 82.5
134 59.5 14.3 42.9#



#95
Naphthalene
Concen: 110.479 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX033760.D
Acq: 17 Jan 2023 15:21

Tgt Ion: 128 Resp: 821092
Ion Ratio Lower Upper
128 100
127 14.3 10.3 15.5
129 16.1 8.7 13.1#

