

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
 Data File : VX031661.D
 Acq On : 26 Sep 2022 20:09
 Operator : JC/MD
 Sample : N4731-02DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-2DL

Quant Time: Sep 27 01:55:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

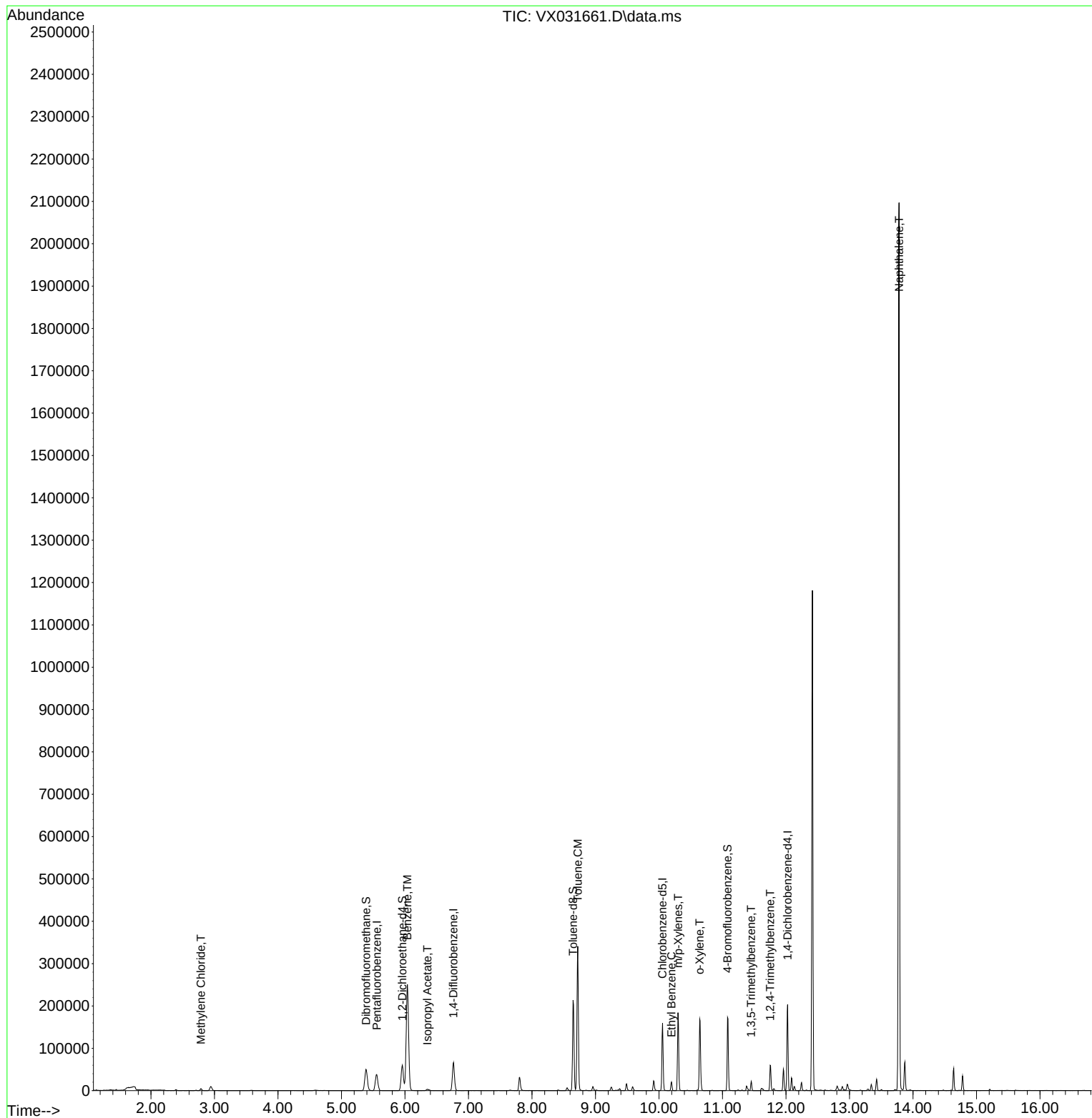
Internal Standards						
1) Pentafluorobenzene	5.556	168	37031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	66885	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	67408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54140	68.885	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 137.760%#			
35) Dibromofluoromethane	5.385	113	40961	51.397	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.800%			
50) Toluene-d8	8.647	98	126148	43.661	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 87.320%			
62) 4-Bromofluorobenzene	11.079	95	40785	38.514	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 77.020%#			
Target Compounds						Qvalue
20) Methylene Chloride	2.788	84	2062	2.542	ug/l #	82
40) Benzene	6.038	78	293811	104.522	ug/l	99
43) Isopropyl Acetate	6.355	43	3655	2.516	ug/l	95
52) Toluene	8.720	92	124874	66.644	ug/l	99
67) Ethyl Benzene	10.195	91	11329	3.546	ug/l	93
68) m/p-Xylenes	10.299	106	41136	32.048	ug/l	98
69) o-Xylene	10.640	106	34592	27.572	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	9345	4.157	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	25667	11.535	ug/l	96
95) Naphthalene	13.780	128	1279680	500.520	ug/l	99

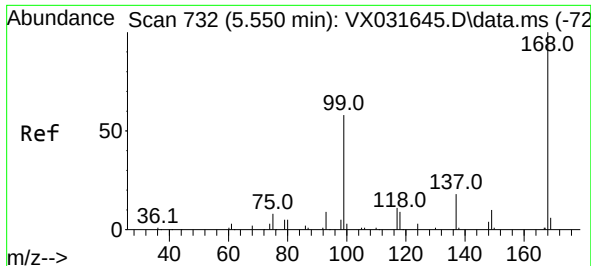
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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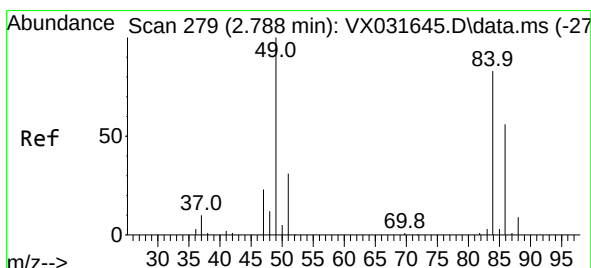
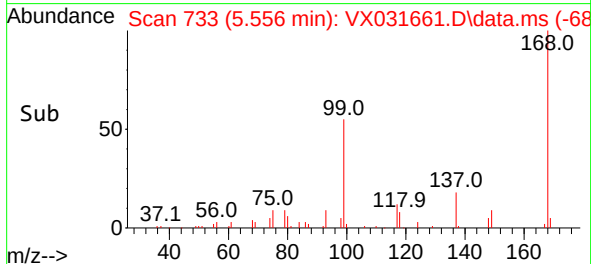
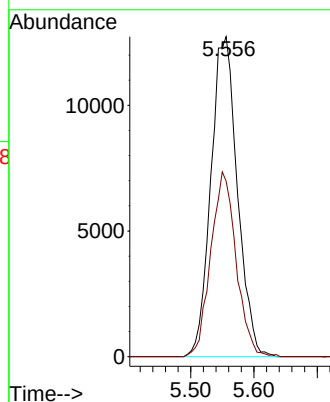
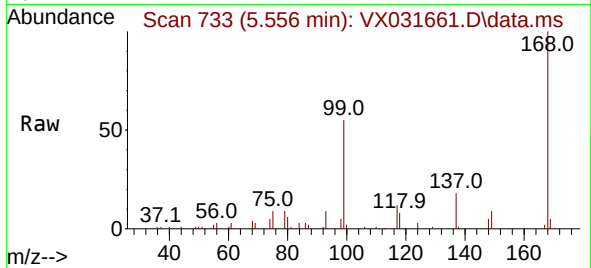




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX031661.D
Acq: 26 Sep 2022 20:09

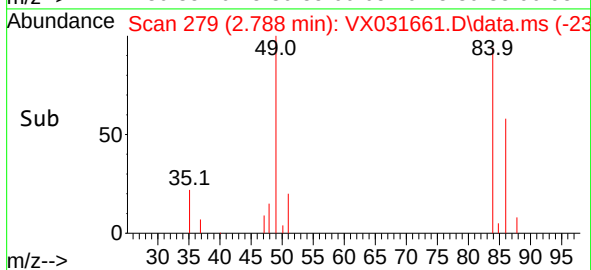
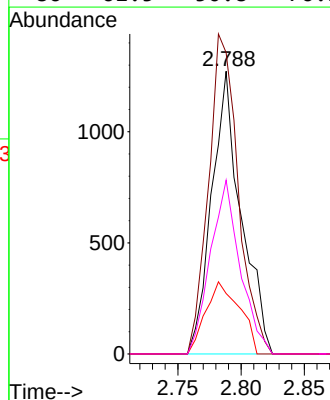
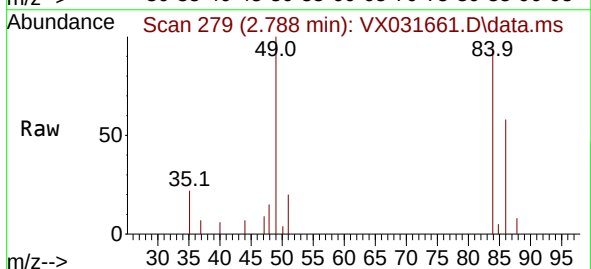
Instrument :
MSVOA_X
ClientSampleId :
SB-2DL

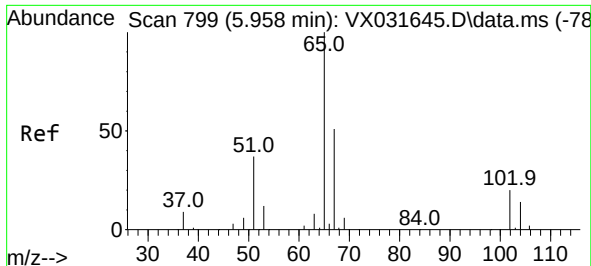
Tgt Ion:168 Resp: 37031
Ion Ratio Lower Upper
168 100
99 54.8 48.8 73.2



#20
Methylene Chloride
Concen: 2.542 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031661.D
Acq: 26 Sep 2022 20:09

Tgt Ion: 84 Resp: 2062
Ion Ratio Lower Upper
84 100
49 106.6 105.9 158.9
51 21.4 32.2 48.2#
86 61.5 50.8 76.2





#33

1,2-Dichloroethane-d4

Concen: 68.885 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031661.D

Acq: 26 Sep 2022 20:09

Instrument :

MSVOA_X

ClientSampleId :

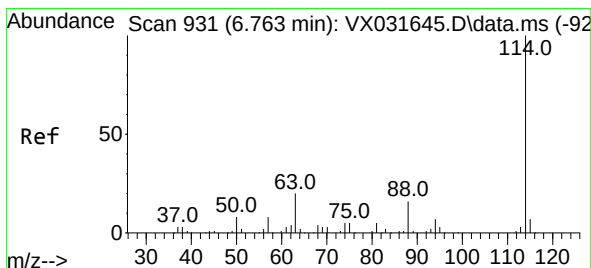
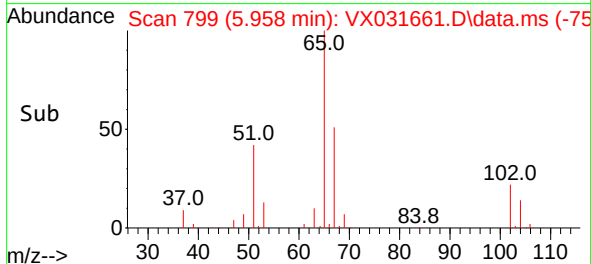
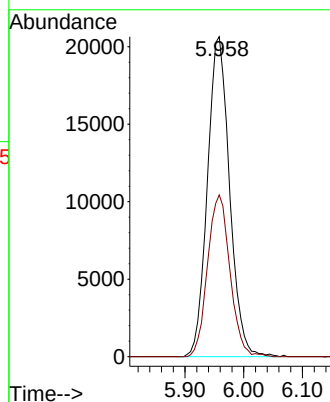
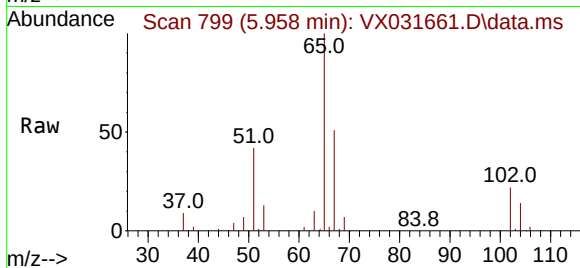
SB-2DL

Tgt Ion: 65 Resp: 54140

Ion Ratio Lower Upper

65 100

67 51.1 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031661.D

Acq: 26 Sep 2022 20:09

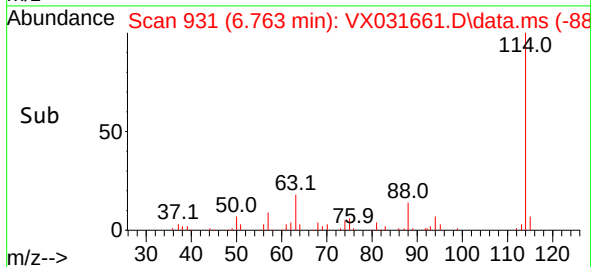
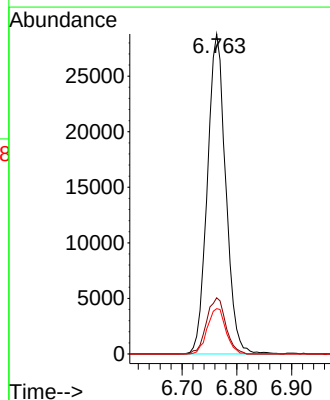
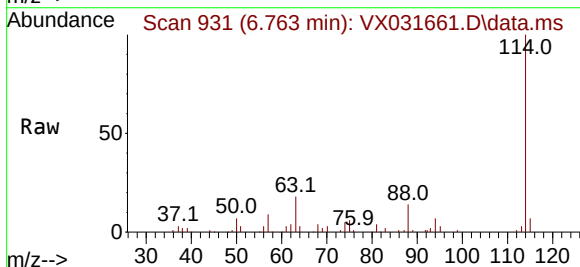
Tgt Ion: 114 Resp: 66885

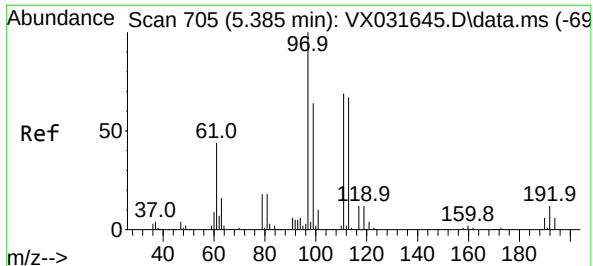
Ion Ratio Lower Upper

114 100

63 17.5 0.0 42.6

88 14.1 0.0 33.0





#35

Dibromofluoromethane

Concen: 51.397 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX031661.D

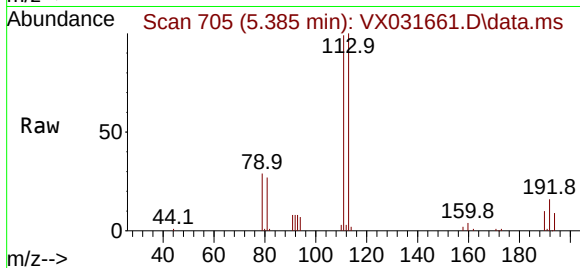
Acq: 26 Sep 2022 20:09

Instrument :

MSVOA_X

ClientSampleId :

SB-2DL



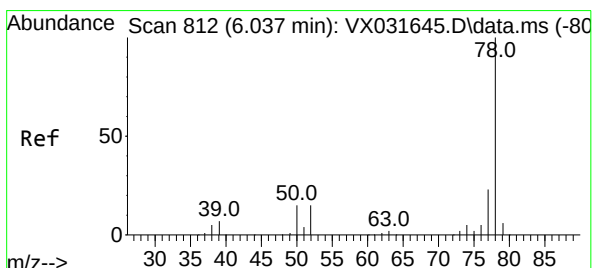
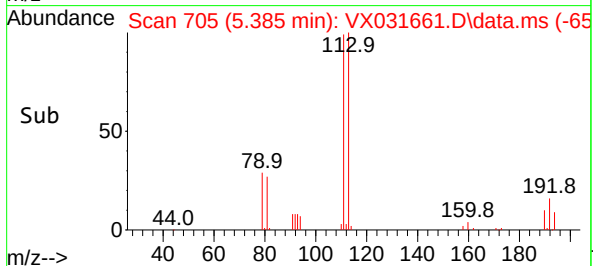
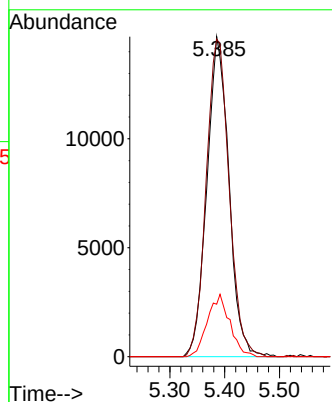
Tgt Ion:113 Resp: 40961

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

192 19.8 14.1 21.1



#40

Benzene

Concen: 104.522 ug/l

RT: 6.038 min Scan# 812

Delta R.T. -0.006 min

Lab File: VX031661.D

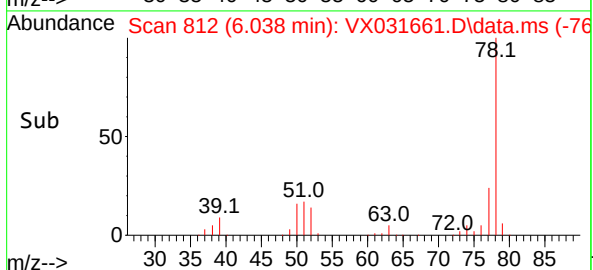
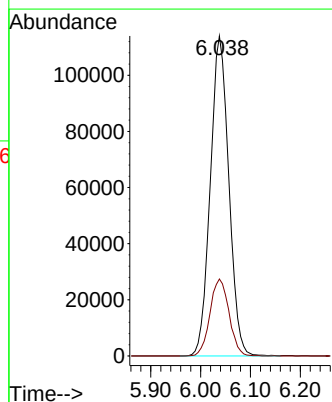
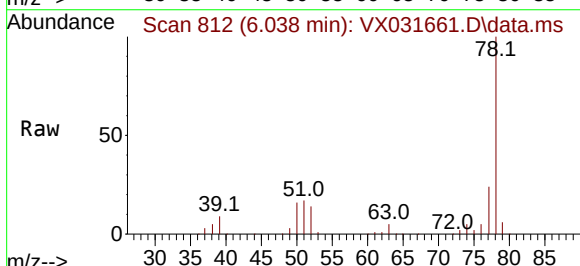
Acq: 26 Sep 2022 20:09

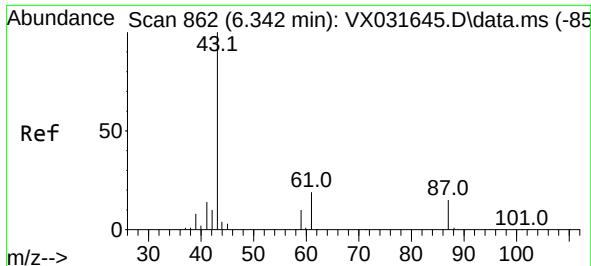
Tgt Ion: 78 Resp: 293811

Ion Ratio Lower Upper

78 100

77 24.0 18.7 28.1

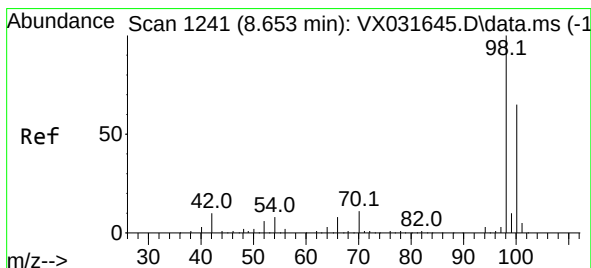
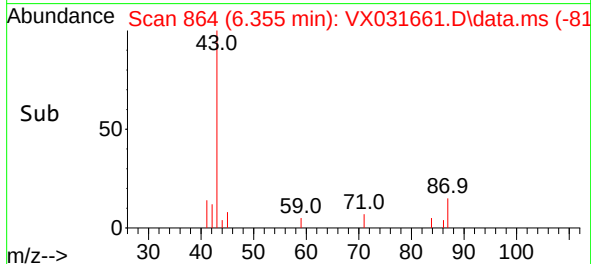
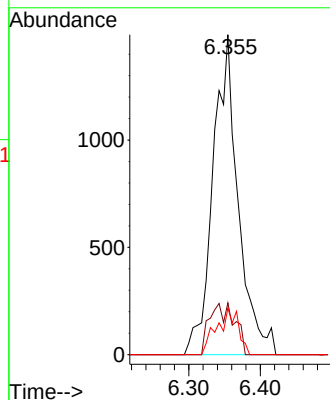
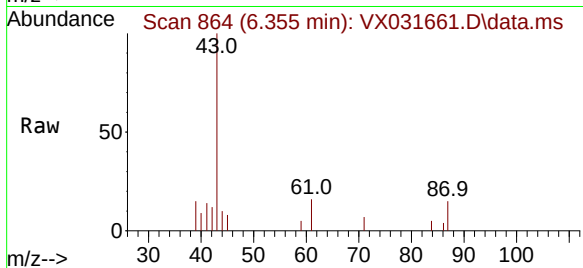




#43
Isopropyl Acetate
Concen: 2.516 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.013 min
Lab File: VX031661.D
Acq: 26 Sep 2022 20:09

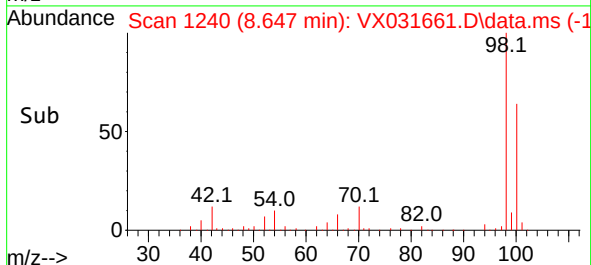
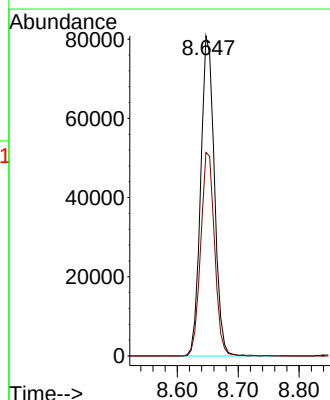
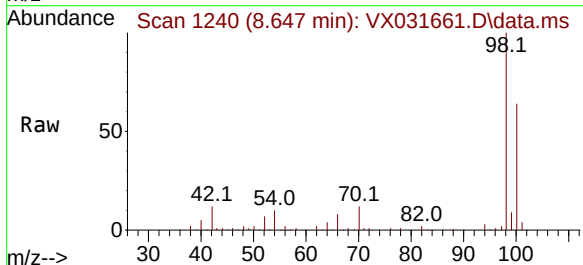
Instrument :
MSVOA_X
ClientSampleId :
SB-2DL

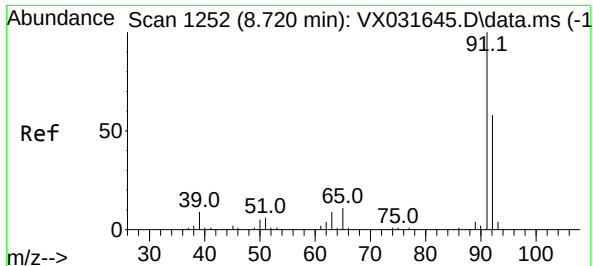
Tgt Ion: 43 Resp: 3655
Ion Ratio Lower Upper
43 100
61 16.0 15.3 22.9
87 12.3 10.6 15.8



#50
Toluene-d8
Concen: 43.661 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031661.D
Acq: 26 Sep 2022 20:09

Tgt Ion: 98 Resp: 126148
Ion Ratio Lower Upper
98 100
100 64.4 52.5 78.7





#52

Toluene

Concen: 66.644 ug/l

RT: 8.720 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031661.D

Acq: 26 Sep 2022 20:09

Instrument :

MSVOA_X

ClientSampleId :

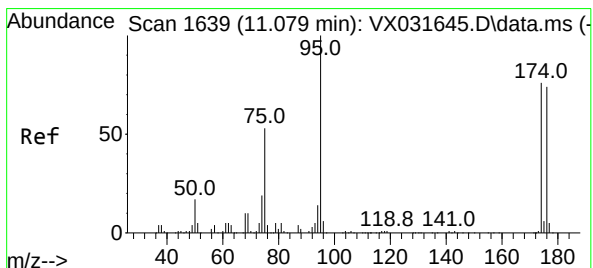
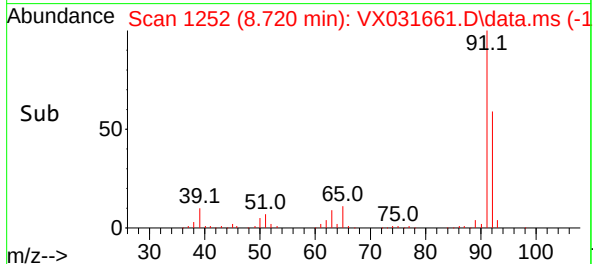
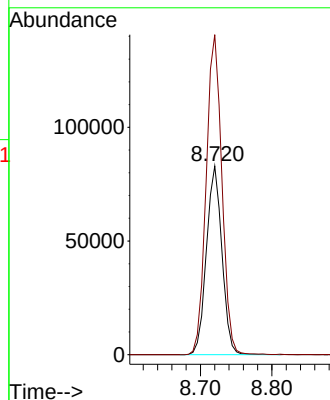
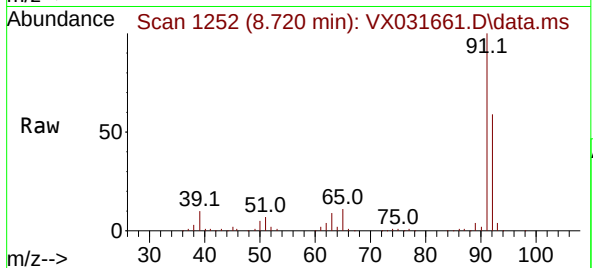
SB-2DL

Tgt Ion: 92 Resp: 124874

Ion Ratio Lower Upper

92 100

91 172.1 137.1 205.7



#62

4-Bromofluorobenzene

Concen: 38.514 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031661.D

Acq: 26 Sep 2022 20:09

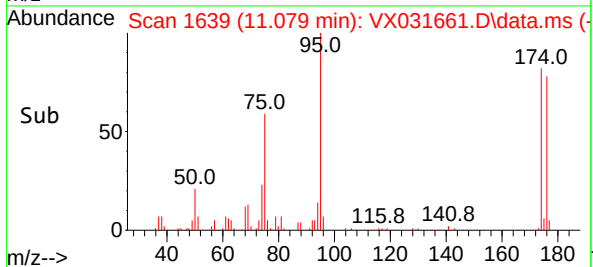
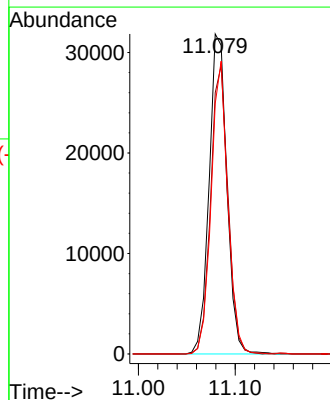
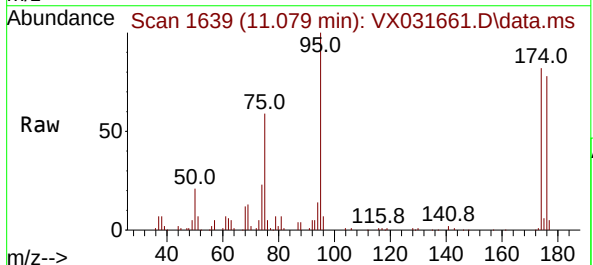
Tgt Ion: 95 Resp: 40785

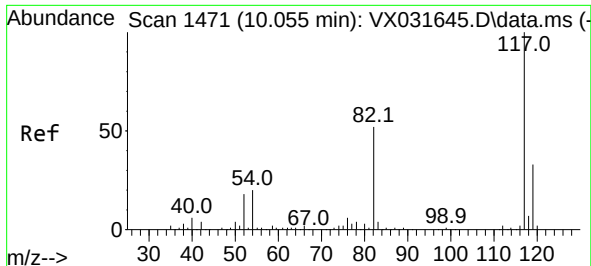
Ion Ratio Lower Upper

95 100

174 88.2 0.0 153.2

176 85.9 0.0 144.0

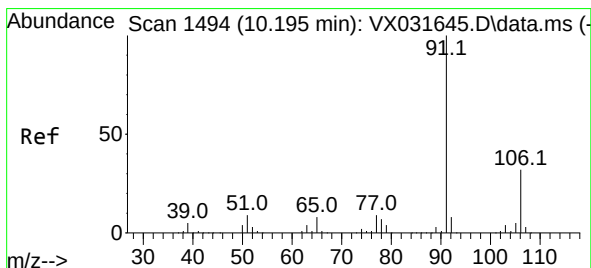
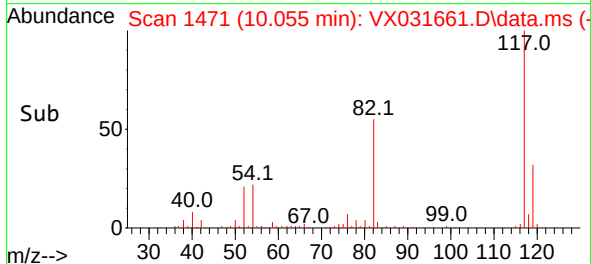
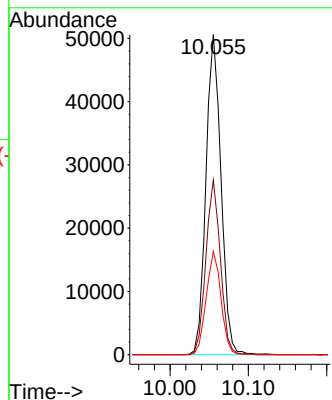
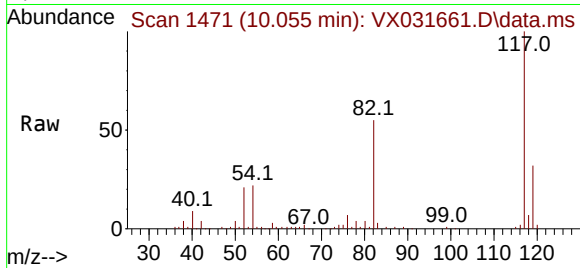




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031661.D
Acq: 26 Sep 2022 20:09

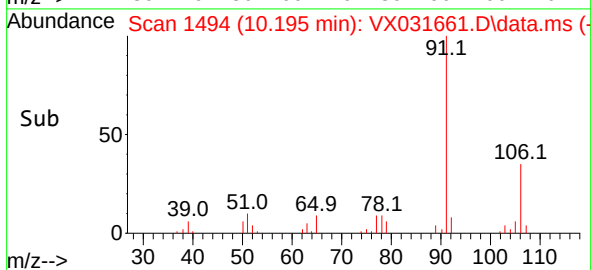
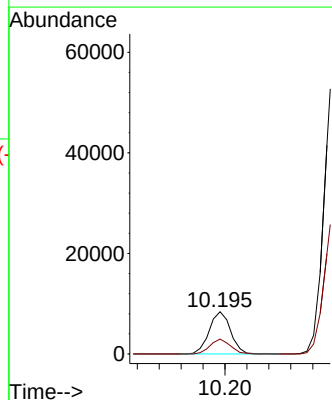
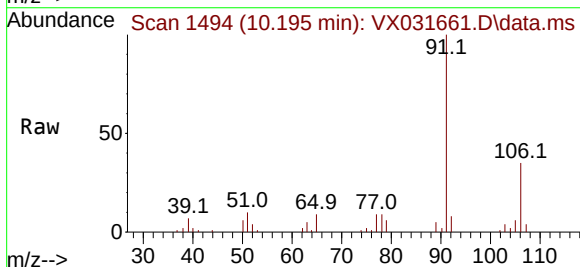
Instrument :
MSVOA_X
ClientSampleId :
SB-2DL

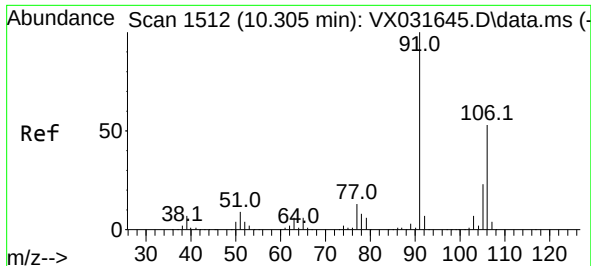
Tgt Ion:117 Resp: 67408
Ion Ratio Lower Upper
117 100
82 54.6 46.8 70.2
119 32.2 26.4 39.6



#67
Ethyl Benzene
Concen: 3.546 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031661.D
Acq: 26 Sep 2022 20:09

Tgt Ion: 91 Resp: 11329
Ion Ratio Lower Upper
91 100
106 35.3 25.2 37.8

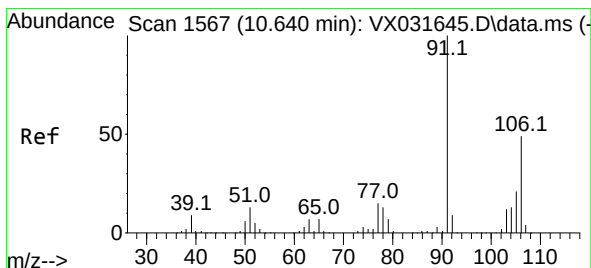
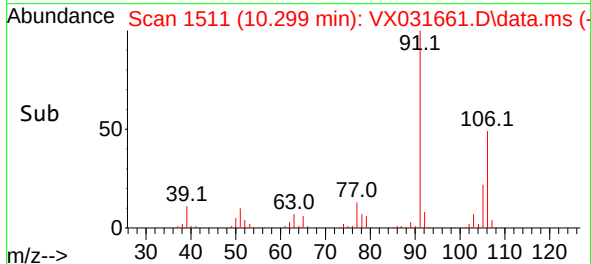
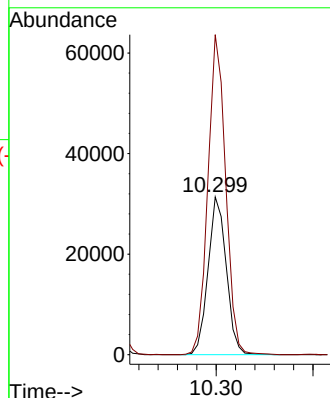
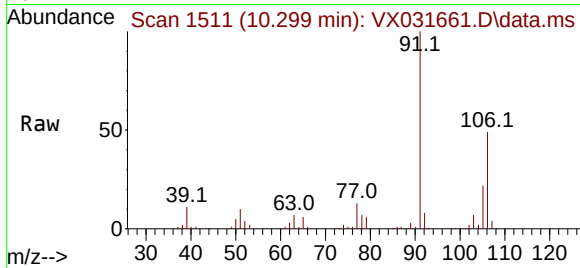




#68
m/p-Xylenes
Concen: 32.048 ug/l
RT: 10.299 min Scan# 1512
Delta R.T. -0.006 min
Lab File: VX031661.D
Acq: 26 Sep 2022 20:09

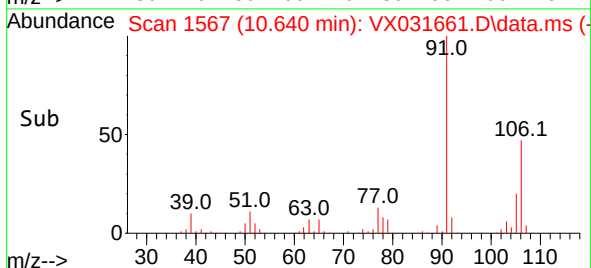
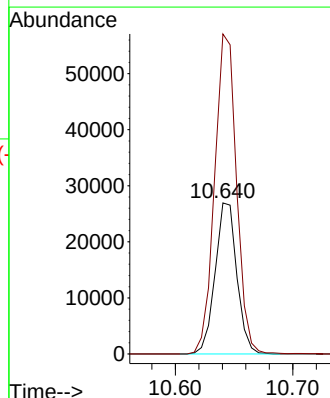
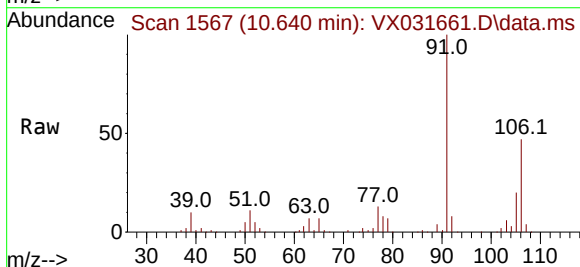
Instrument :
MSVOA_X
ClientSampleId :
SB-2DL

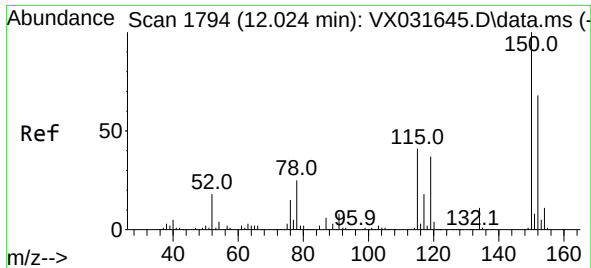
Tgt Ion:106 Resp: 41136
Ion Ratio Lower Upper
106 100
91 197.7 161.0 241.4



#69
o-Xylene
Concen: 27.572 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX031661.D
Acq: 26 Sep 2022 20:09

Tgt Ion:106 Resp: 34592
Ion Ratio Lower Upper
106 100
91 214.3 107.2 321.6

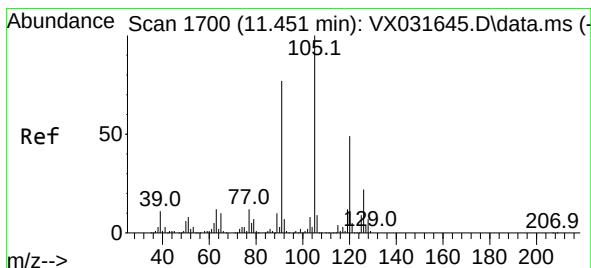
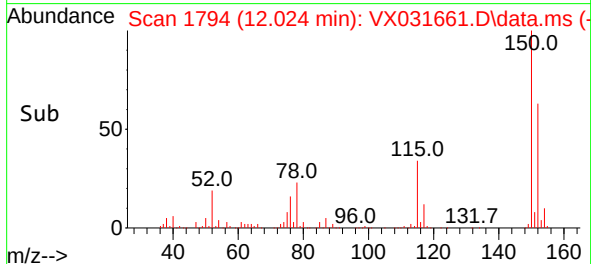
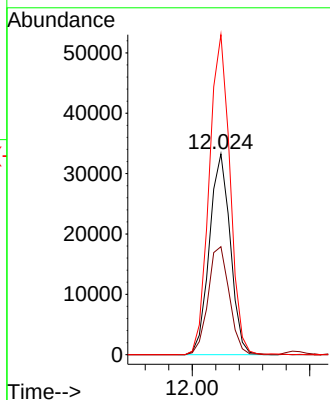
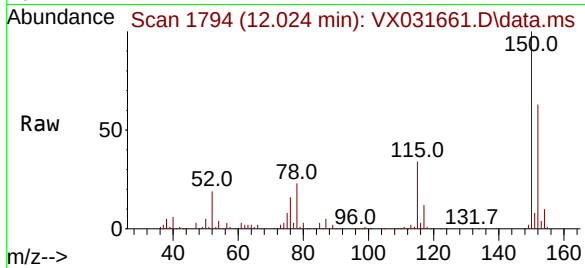




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031661.D
 Acq: 26 Sep 2022 20:09

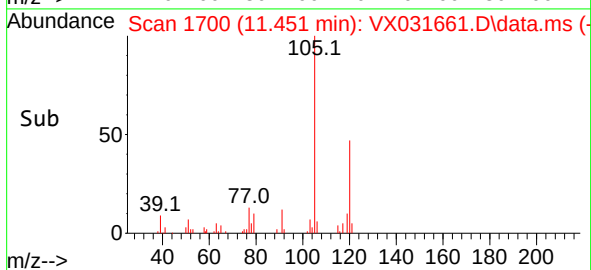
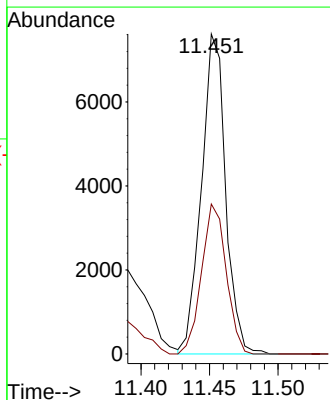
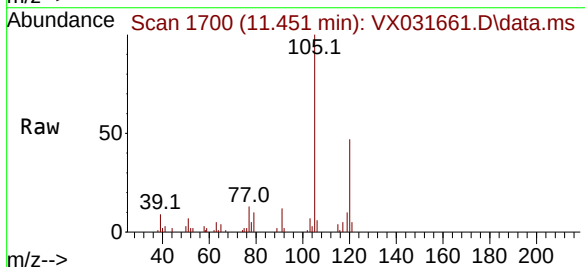
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 MSVOA_X
 ClientSampleId :
 SB-2DL

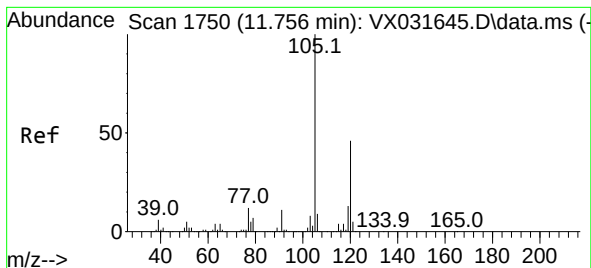
Tgt Ion:152 Resp: 41008
 Ion Ratio Lower Upper
 152 100
 115 54.8 43.4 130.1
 150 158.3 0.0 346.8



#80
 1,3,5-Trimethylbenzene
 Concen: 4.157 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX031661.D
 Acq: 26 Sep 2022 20:09

Tgt Ion:105 Resp: 9345
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.5 73.5





#84

1,2,4-Trimethylbenzene

Concen: 11.535 ug/l

RT: 11.750 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX031661.D

Acq: 26 Sep 2022 20:09

Instrument :

MSVOA_X

ClientSampleId :

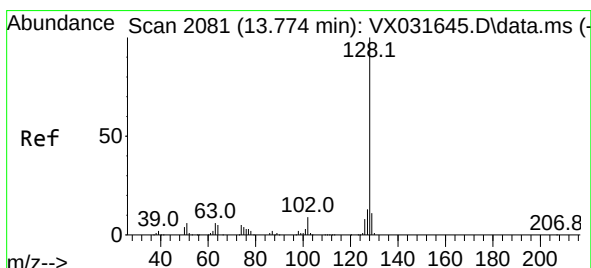
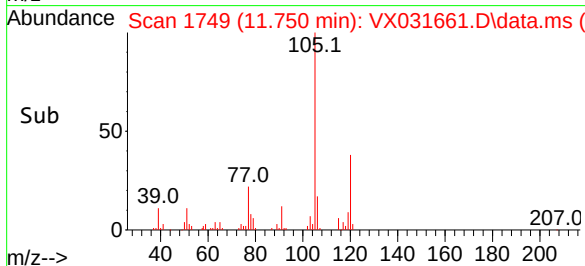
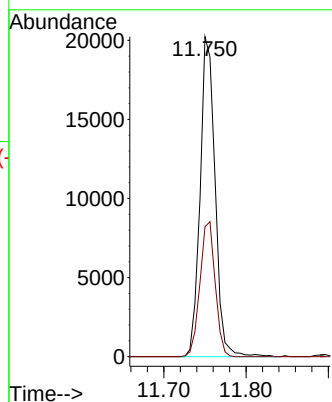
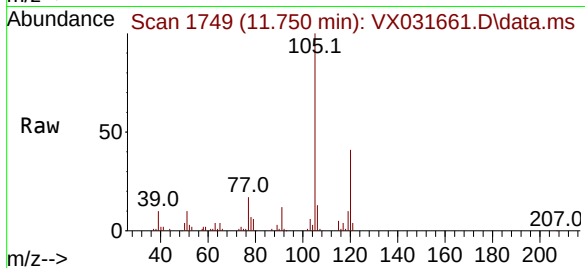
SB-2DL

Tgt Ion:105 Resp: 25667

Ion Ratio Lower Upper

105 100

120 42.9 22.6 67.8



#95

Naphthalene

Concen: 500.520 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX031661.D

Acq: 26 Sep 2022 20:09

Tgt Ion:128 Resp: 1279680

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 11.2 8.8 13.2

