

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032723\
 Data File : VX034745.D
 Acq On : 27 Mar 2023 13:07
 Operator : JC/MD
 Sample : 02073-03DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRE-1717DL

Quant Time: Mar 28 03:18:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

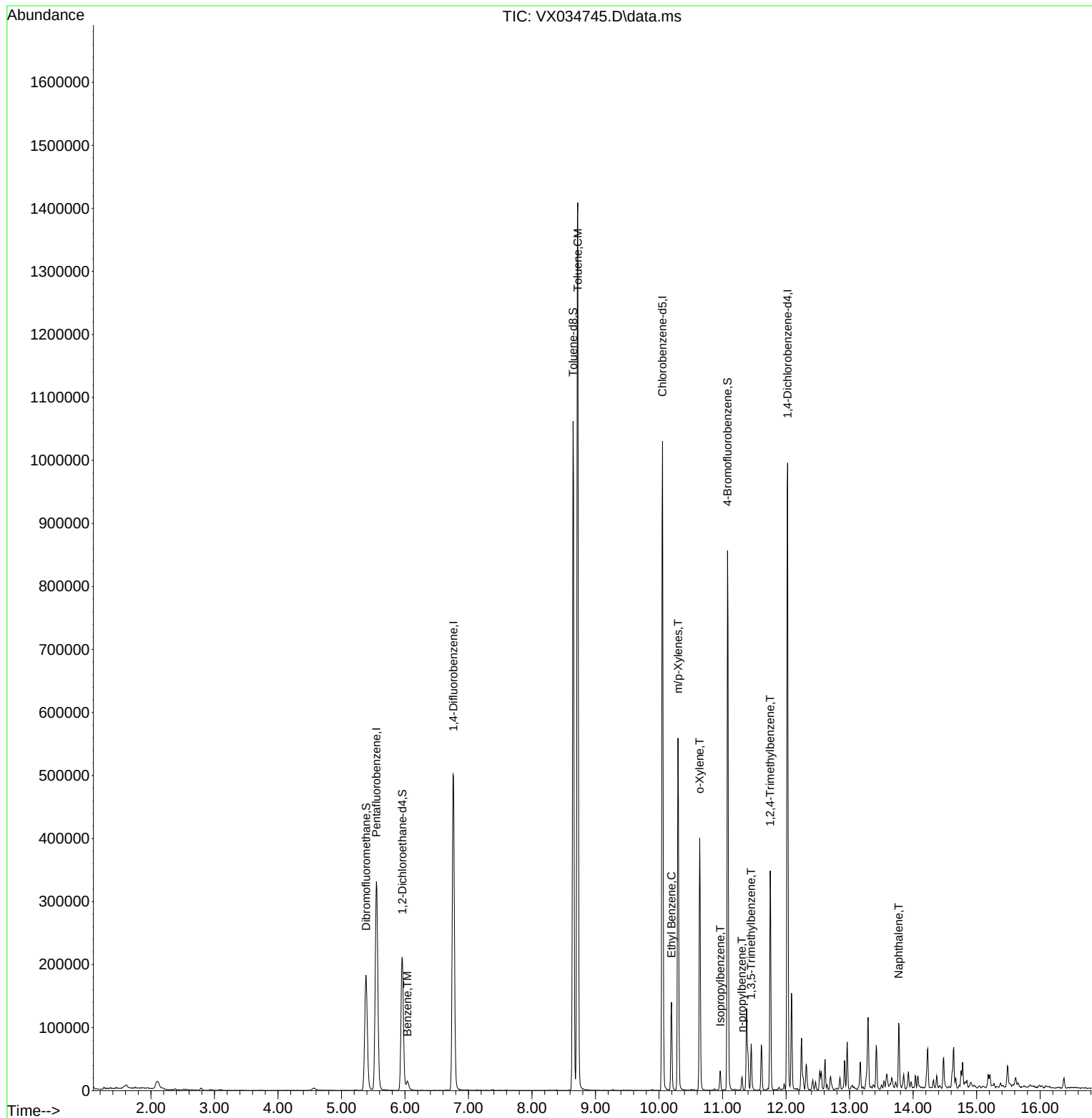
Internal Standards						
1) Pentafluorobenzene	5.550	168	305938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	512406	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	454217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	204536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	215990	48.529	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.060%		
35) Dibromofluoromethane	5.385	113	160089	47.320	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.640%		
50) Toluene-d8	8.647	98	606124	47.993	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.980%		
62) 4-Bromofluorobenzene	11.079	95	231659	45.411	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.820%		
Target Compounds					Qvalue	
40) Benzene	6.037	78	16028	1.054	ug/l	96
52) Toluene	8.720	92	539132	57.287	ug/l	98
67) Ethyl Benzene	10.195	91	81181	4.550	ug/l	98
68) m/p-Xylenes	10.299	106	126087	18.397	ug/l	98
69) o-Xylene	10.640	106	83817	12.187	ug/l	99
73) Isopropylbenzene	10.963	105	15828	1.001	ug/l	98
78) n-propylbenzene	11.305	91	13947	0.764	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	30948	2.334	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	148234	10.939	ug/l	100
95) Naphthalene	13.774	128	64851	4.306	ug/l	99

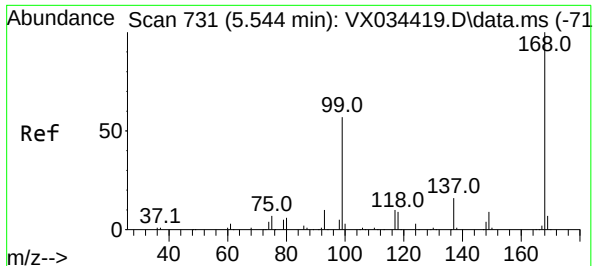
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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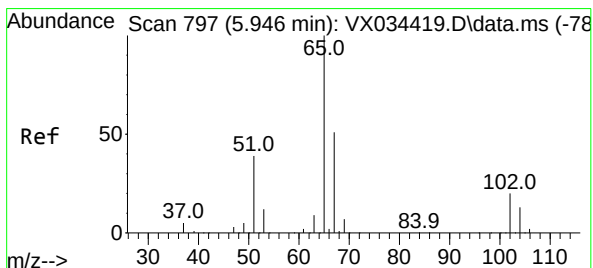
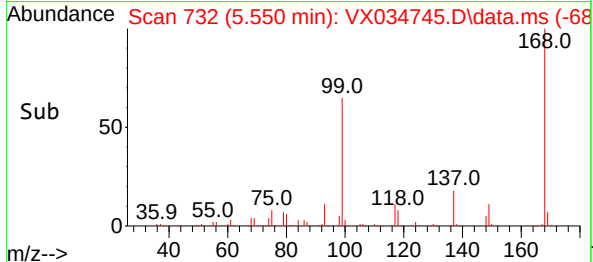
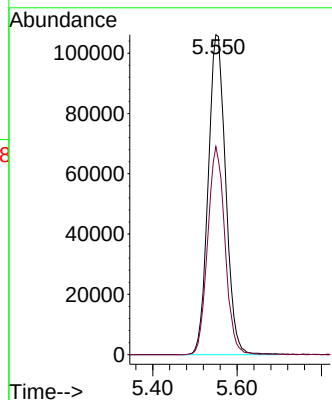
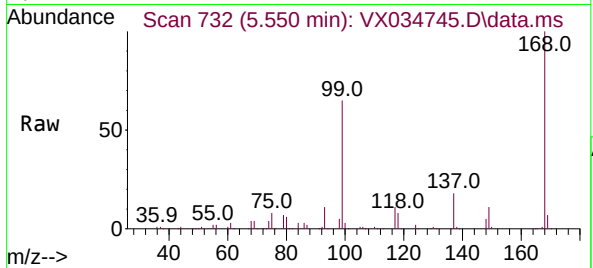




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034745.D
Acq: 27 Mar 2023 13:07

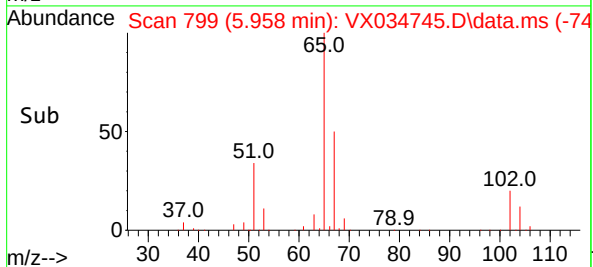
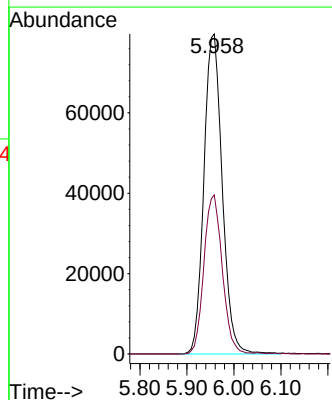
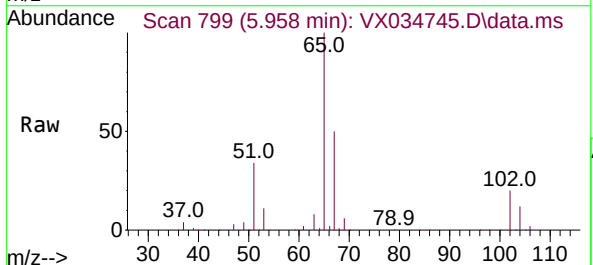
Instrument :
MSVOA_X
ClientSampleId :
TRE-1717DL

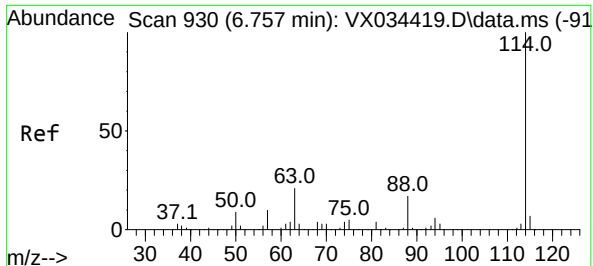
Tgt Ion:168 Resp: 305938
Ion Ratio Lower Upper
168 100
99 65.0 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 48.529 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034745.D
Acq: 27 Mar 2023 13:07

Tgt Ion: 65 Resp: 215990
Ion Ratio Lower Upper
65 100
67 49.6 0.0 104.0

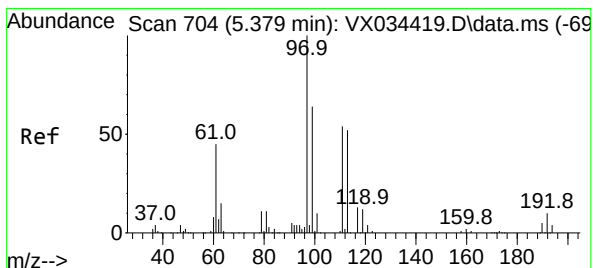
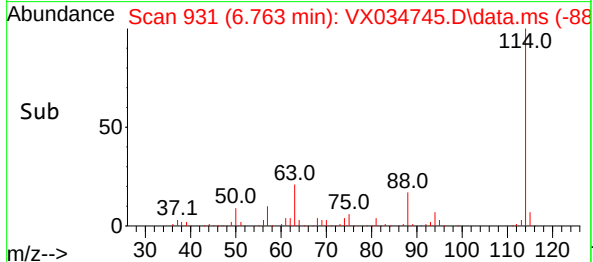
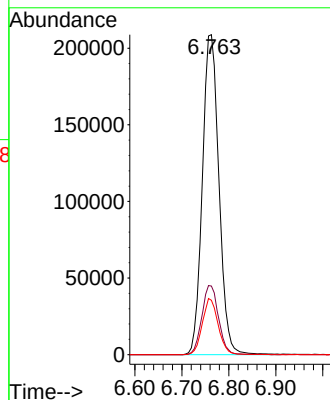
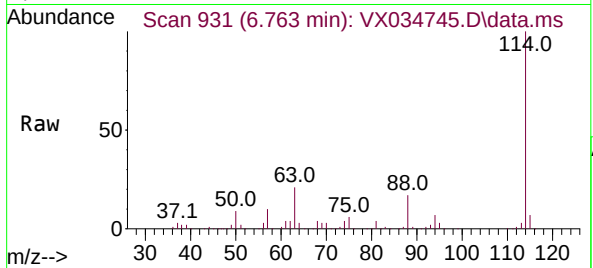




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX034745.D
Acq: 27 Mar 2023 13:07

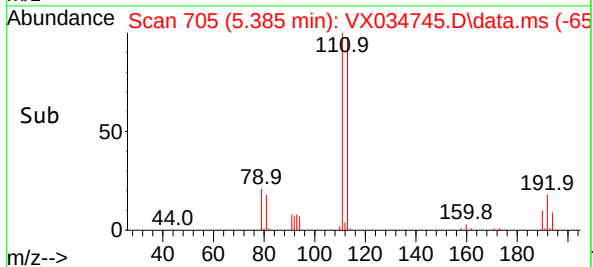
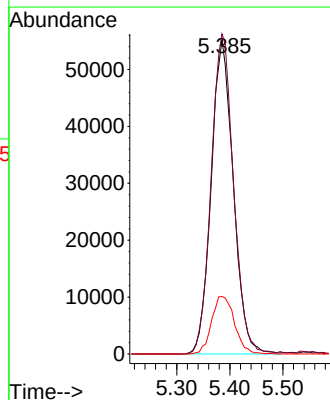
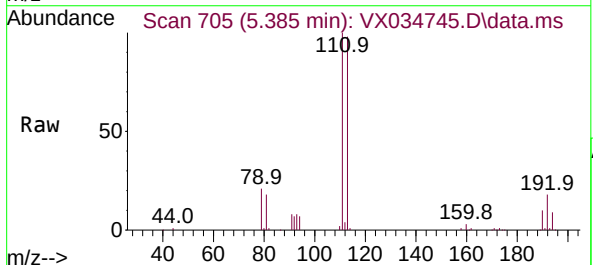
Instrument :
MSVOA_X
ClientSampleId :
TRE-1717DL

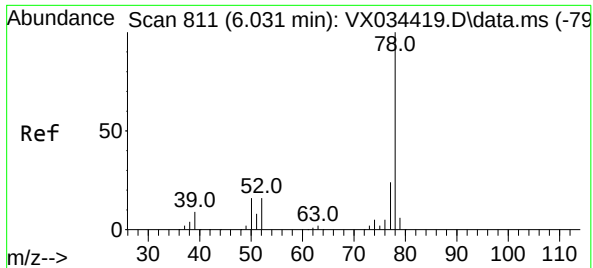
Tgt Ion:114 Resp: 512406
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.2
88 17.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.320 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034745.D
Acq: 27 Mar 2023 13:07

Tgt Ion:113 Resp: 160089
Ion Ratio Lower Upper
113 100
111 102.8 83.7 125.5
192 18.9 15.4 23.2





#40

Benzene

Concen: 1.054 ug/l

RT: 6.037 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX034745.D

Acq: 27 Mar 2023 13:07

Instrument :

MSVOA_X

ClientSampleId :

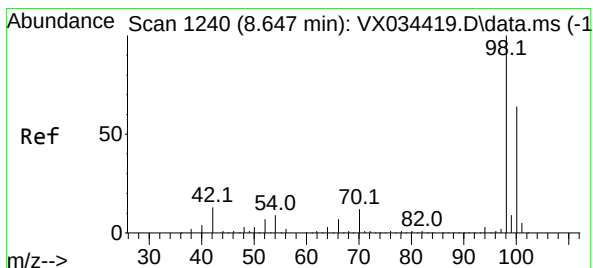
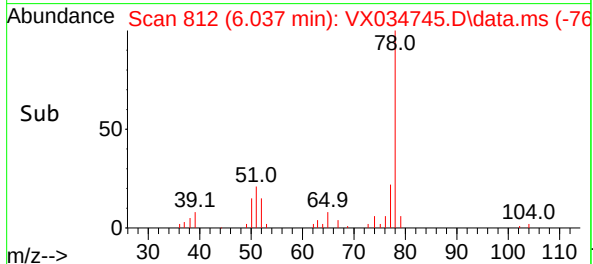
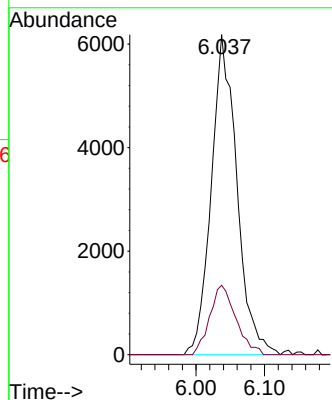
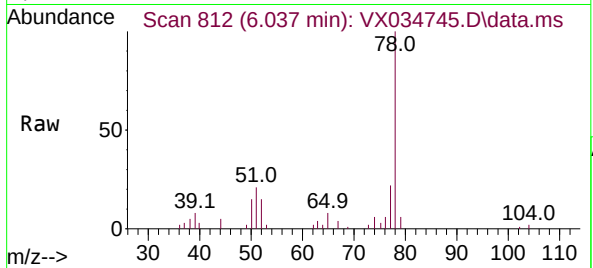
TRE-1717DL

Tgt Ion: 78 Resp: 16028

Ion Ratio Lower Upper

78 100

77 21.7 19.0 28.4



#50

Toluene-d8

Concen: 47.993 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX034745.D

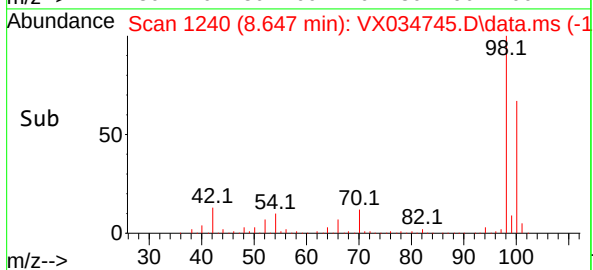
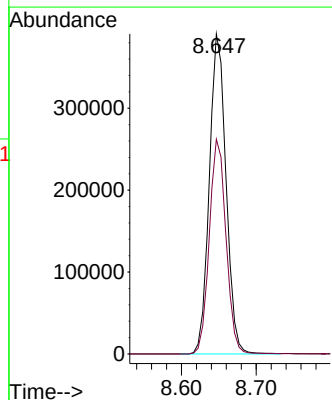
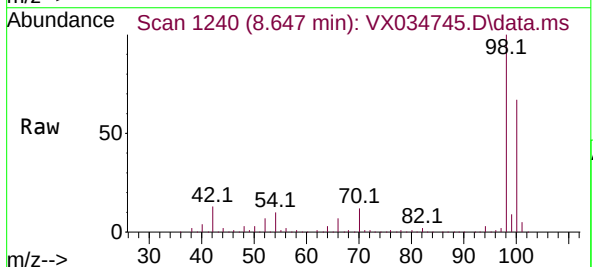
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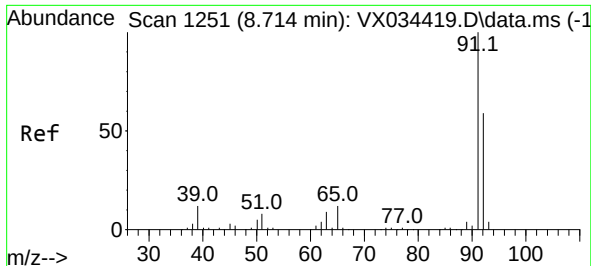
Tgt Ion: 98 Resp: 606124

Ion Ratio Lower Upper

98 100

100 67.2 52.5 78.7

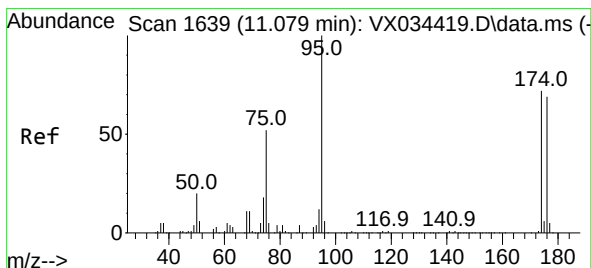
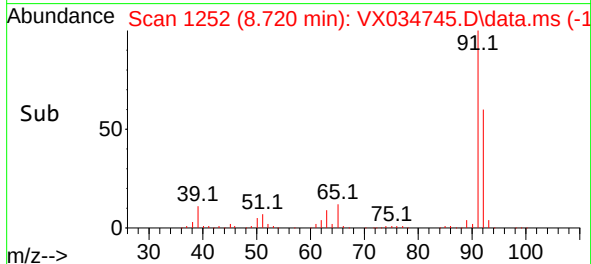
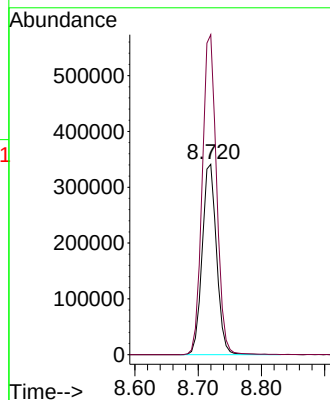
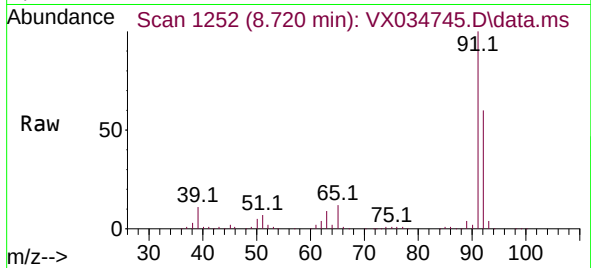




#52
Toluene
Concen: 57.287 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034745.D
Acq: 27 Mar 2023 13:07

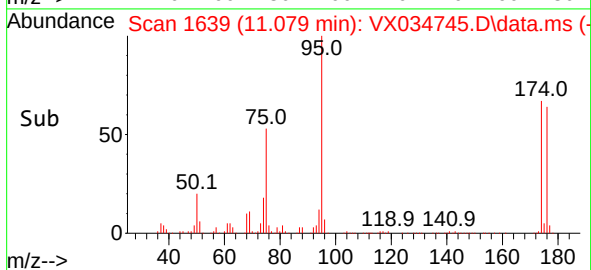
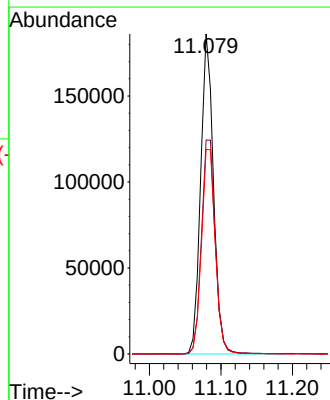
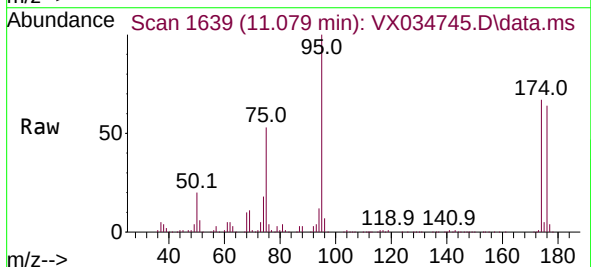
Instrument :
MSVOA_X
ClientSampleId :
TRE-1717DL

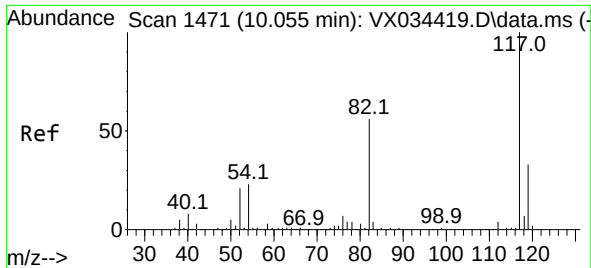
Tgt Ion: 92 Resp: 539132
Ion Ratio Lower Upper
92 100
91 168.2 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 45.411 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034745.D
Acq: 27 Mar 2023 13:07

Tgt Ion: 95 Resp: 231659
Ion Ratio Lower Upper
95 100
174 72.0 0.0 147.4
176 69.0 0.0 140.6

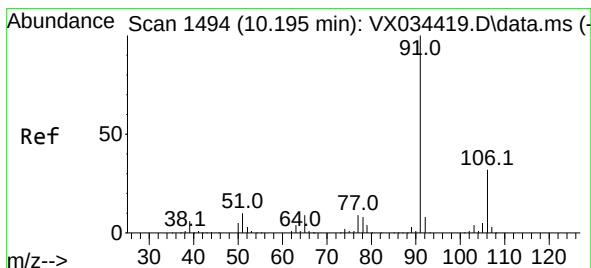
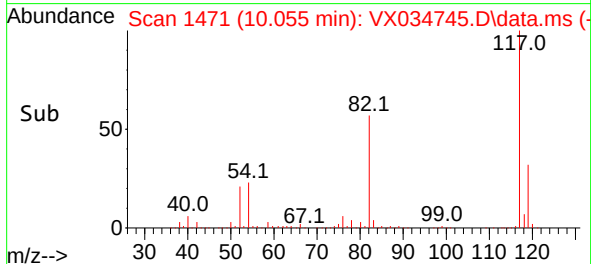
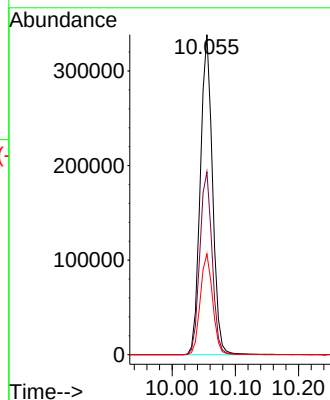
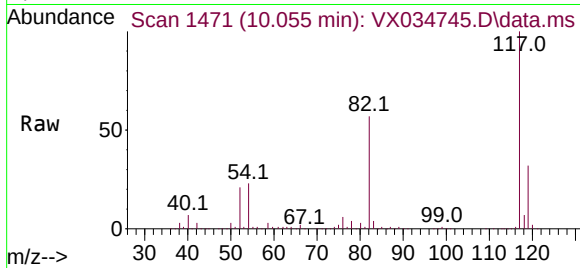




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034745.D
Acq: 27 Mar 2023 13:07

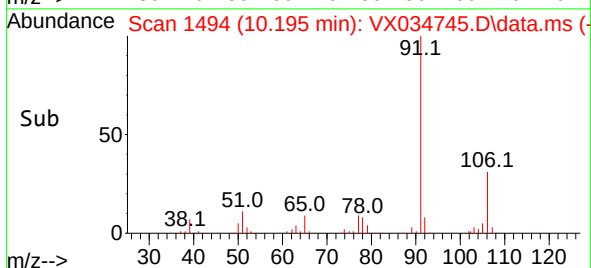
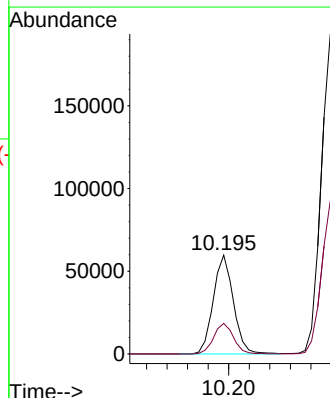
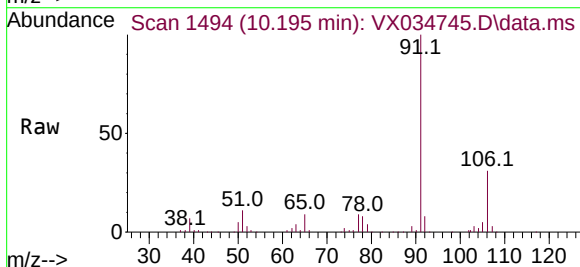
Instrument :
MSVOA_X
ClientSampleId :
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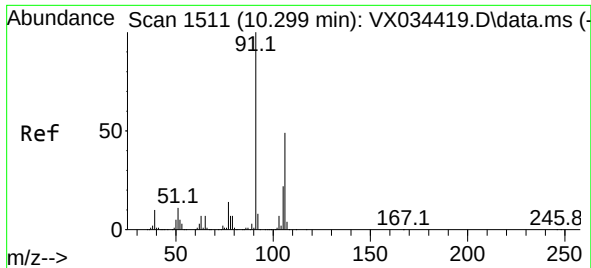
Tgt Ion:117 Resp: 454217
Ion Ratio Lower Upper
117 100
82 57.1 45.0 67.4
119 31.5 26.0 39.0



#67
Ethyl Benzene
Concen: 4.550 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034745.D
Acq: 27 Mar 2023 13:07

Tgt Ion: 91 Resp: 81181
Ion Ratio Lower Upper
91 100
106 30.9 25.6 38.4

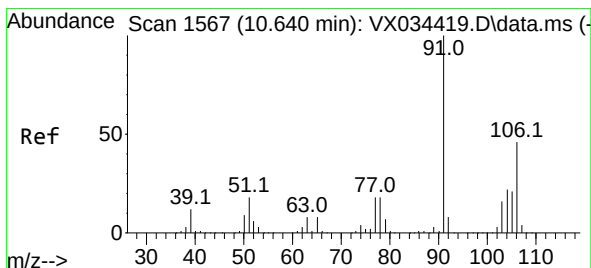
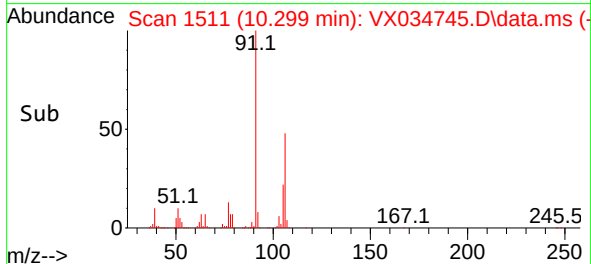
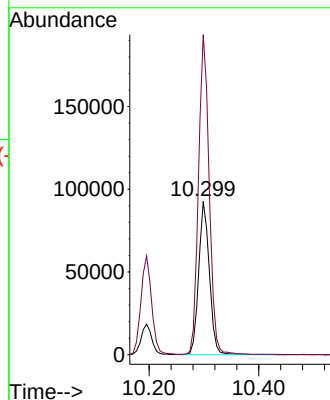
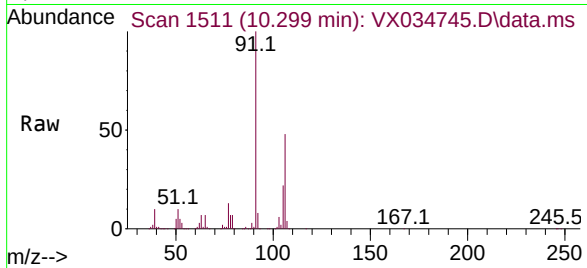




#68
m/p-Xylenes
Concen: 18.397 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034745.D
Acq: 27 Mar 2023 13:07

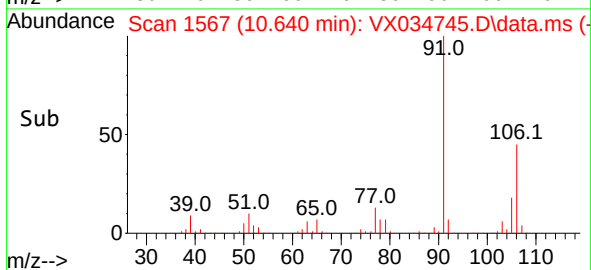
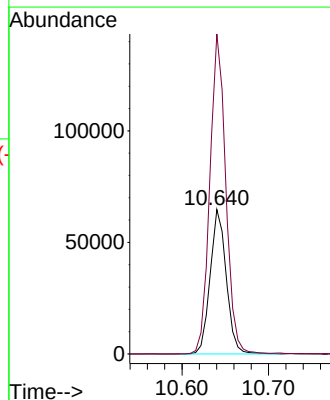
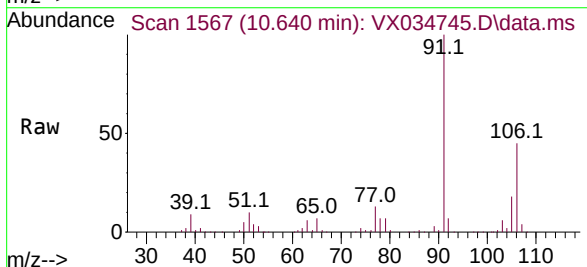
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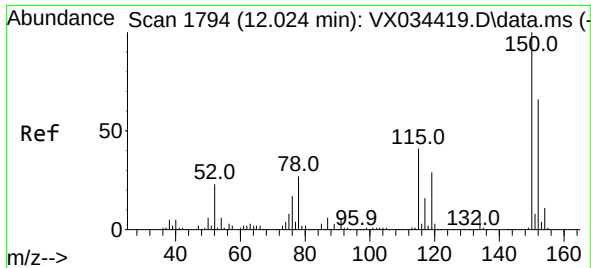
Tgt Ion:106 Resp: 126087
Ion Ratio Lower Upper
106 100
91 208.3 164.0 246.0



#69
o-Xylene
Concen: 12.187 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034745.D
Acq: 27 Mar 2023 13:07

Tgt Ion:106 Resp: 83817
Ion Ratio Lower Upper
106 100
91 219.0 108.5 325.3

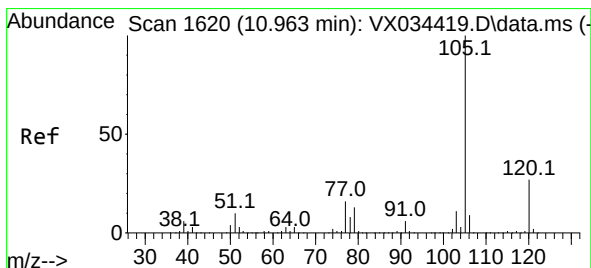
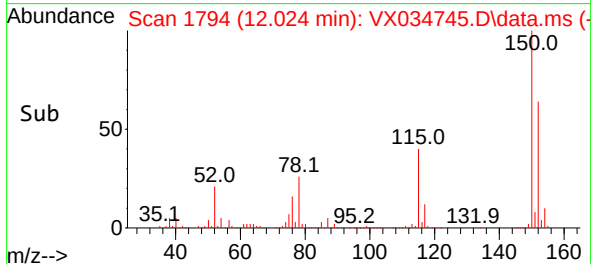
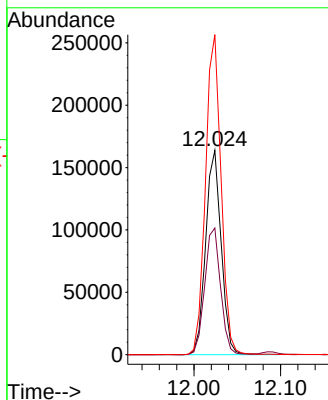
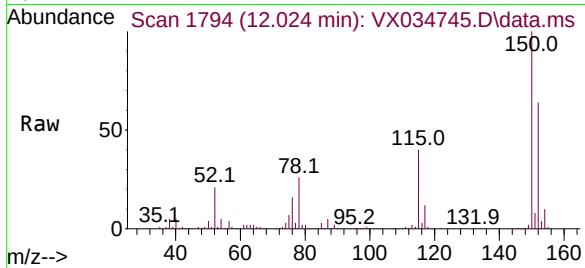




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034745.D
 Acq: 27 Mar 2023 13:07

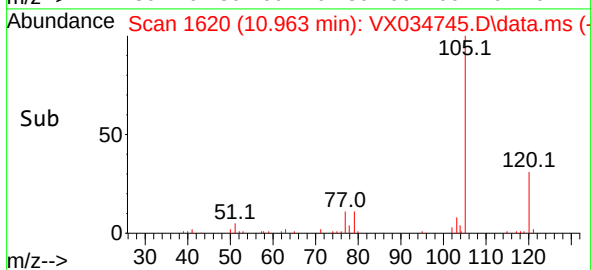
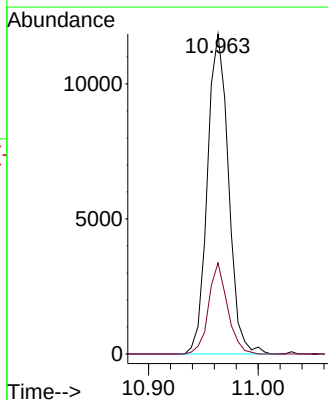
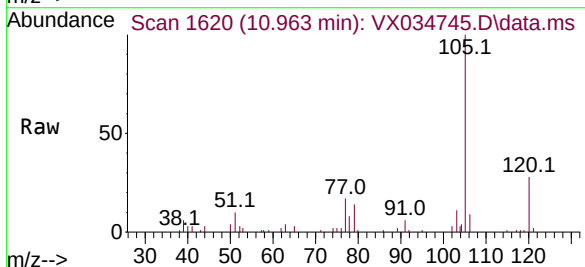
Instrument :
 MSVOA_X
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 TRE-1717DL

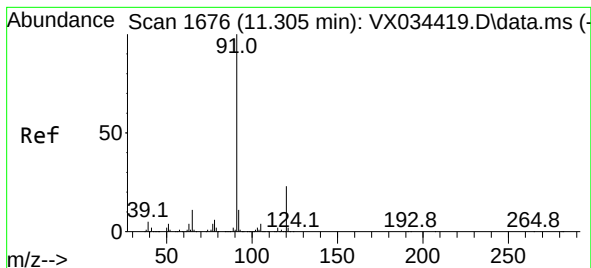
Tgt Ion:152 Resp: 204536
 Ion Ratio Lower Upper
 152 100
 115 63.2 45.0 135.0
 150 157.0 0.0 352.4



#73
 Isopropylbenzene
 Concen: 1.001 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. -0.000 min
 Lab File: VX034745.D
 Acq: 27 Mar 2023 13:07

Tgt Ion:105 Resp: 15828
 Ion Ratio Lower Upper
 105 100
 120 25.5 13.3 39.9





#78

n-propylbenzene

Concen: 0.764 ug/l

RT: 11.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX034745.D

Acq: 27 Mar 2023 13:07

Instrument :

MSVOA_X

ClientSampleId :

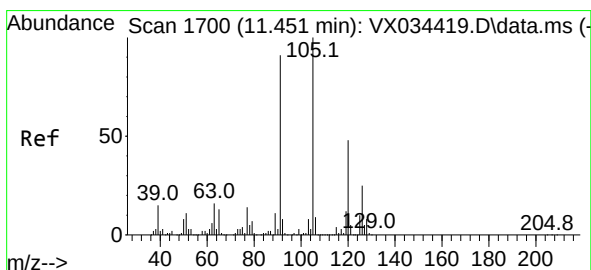
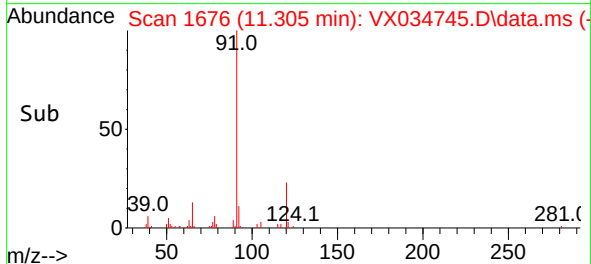
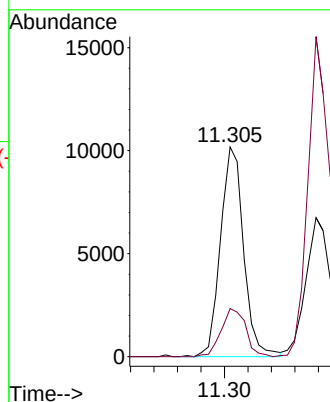
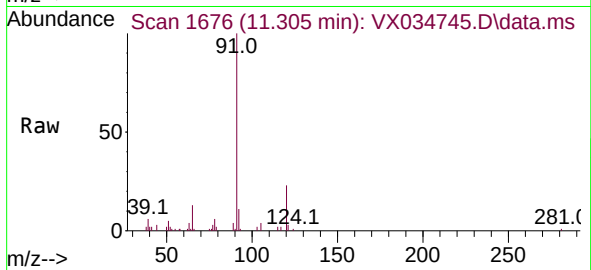
TRE-1717DL

Tgt Ion: 91 Resp: 13947

Ion Ratio Lower Upper

91 100

120 24.4 11.5 34.5



#80

1,3,5-Trimethylbenzene

Concen: 2.334 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX034745.D

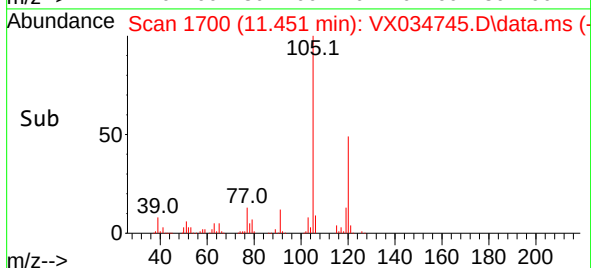
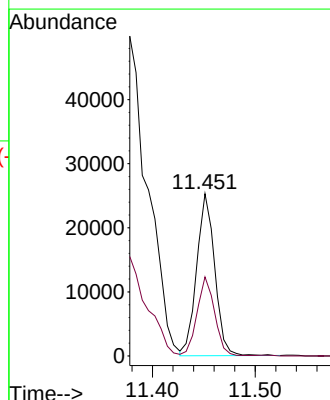
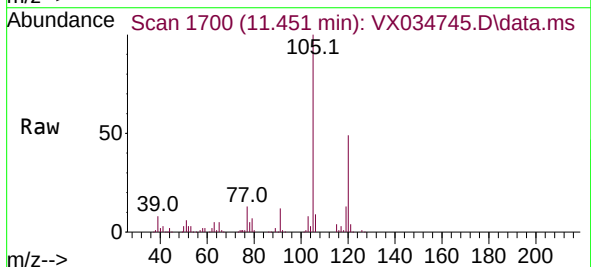
Acq: 27 Mar 2023 13:07

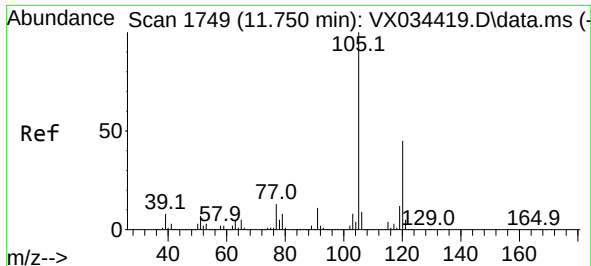
Tgt Ion:105 Resp: 30948

Ion Ratio Lower Upper

105 100

120 46.8 23.7 71.1

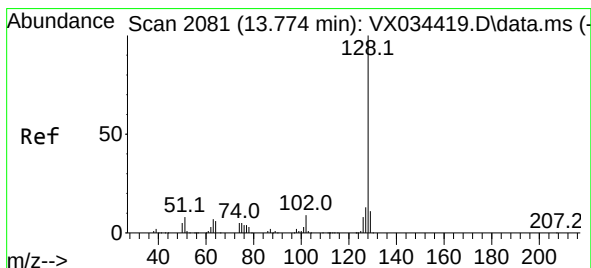
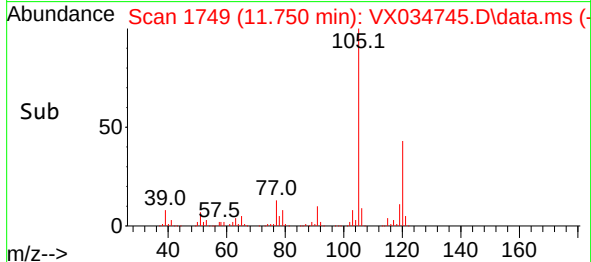
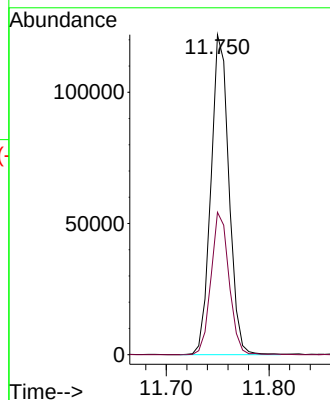
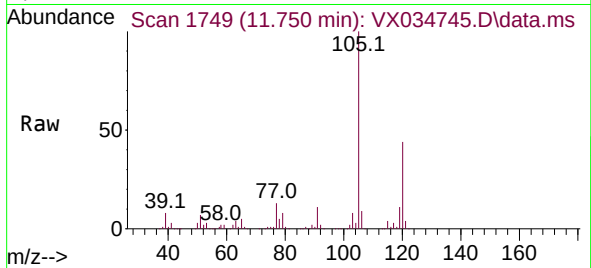




#84
1,2,4-Trimethylbenzene
Concen: 10.939 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034745.D
Acq: 27 Mar 2023 13:07

Instrument :
MSVOA_X
ClientSampleId :
TRE-1717DL

Tgt Ion:105 Resp: 148234
Ion Ratio Lower Upper
105 100
120 44.5 22.4 67.0



#95
Naphthalene
Concen: 4.306 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034745.D
Acq: 27 Mar 2023 13:07

Tgt Ion:128 Resp: 64851
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.6 8.6 13.0

