

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092922\
 Data File : VX031792.D
 Acq On : 29 Sep 2022 23:39
 Operator : JC/MD
 Sample : N4864-10 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-44

Quant Time: Sep 30 04:45:00 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)

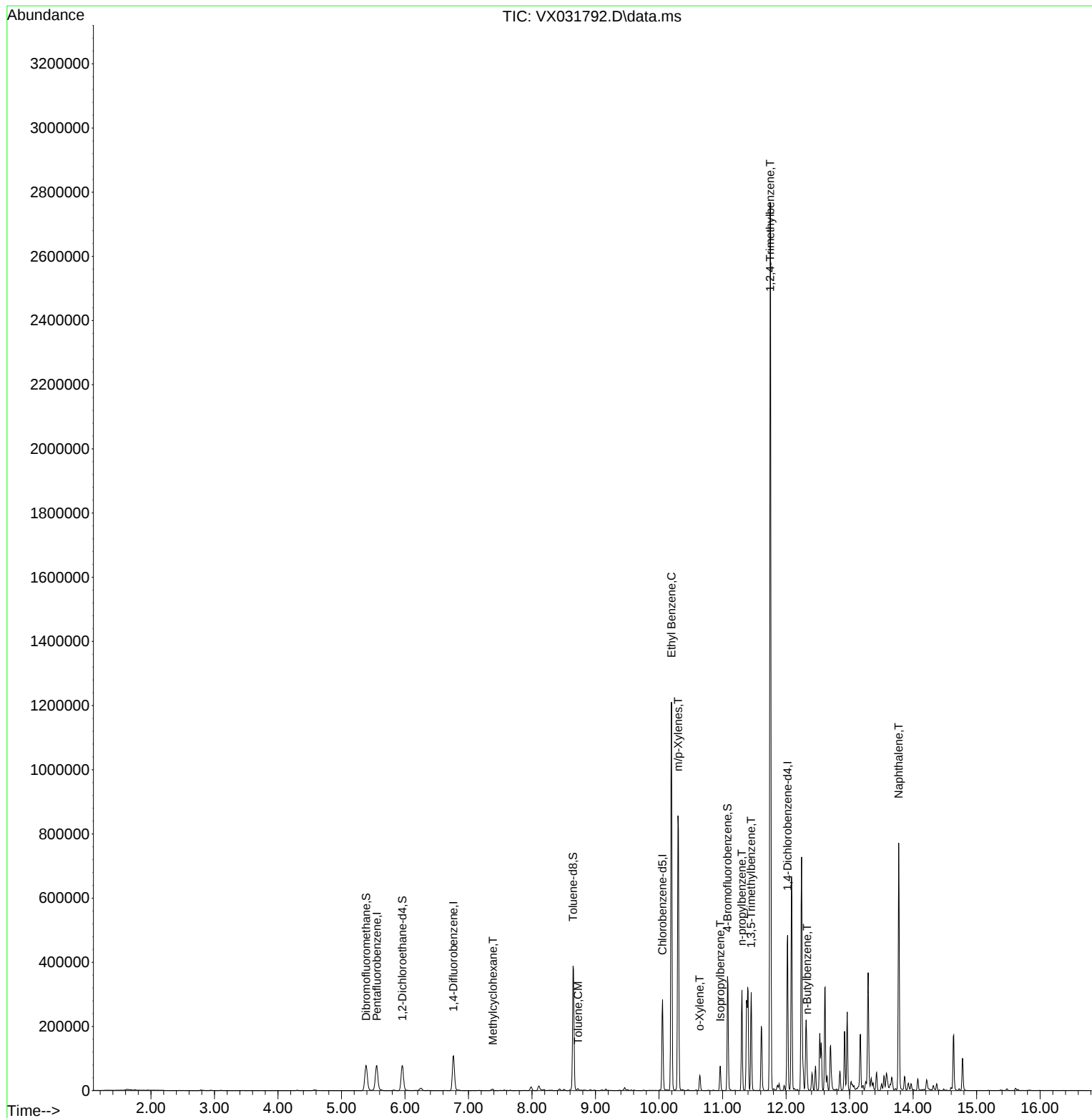
Internal Standards						
1) Pentafluorobenzene	5.556	168	76030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	120132	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	130679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75981	47.086	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.180%		
35) Dibromofluoromethane	5.385	113	67396	47.084	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.160%		
50) Toluene-d8	8.647	98	239693	46.189	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.380%		
62) 4-Bromofluorobenzene	11.079	95	92046	48.394	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.780%		
Target Compounds						Qvalue
39) Methylcyclohexane	7.385	83	2029	1.083	ug/l	93
52) Toluene	8.726	92	2569	0.763	ug/l	92
67) Ethyl Benzene	10.195	91	668365	107.920	ug/l	97
68) m/p-Xylenes	10.299	106	216306	86.926	ug/l	94
69) o-Xylene	10.640	106	10805	4.442	ug/l	97
73) Isopropylbenzene	10.963	105	38912	5.792	ug/l	99
78) n-propylbenzene	11.305	91	182346	24.392	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	127120	22.323	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	1209806	214.628	ug/l	95
89) n-Butylbenzene	12.329	91	32651	6.641	ug/l #	22
95) Naphthalene	13.774	128	482786	74.545	ug/l	100

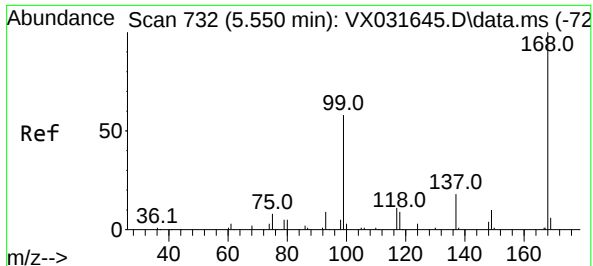
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092922\
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Quant Title : SW846 8260
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Response via : Initial Calibration

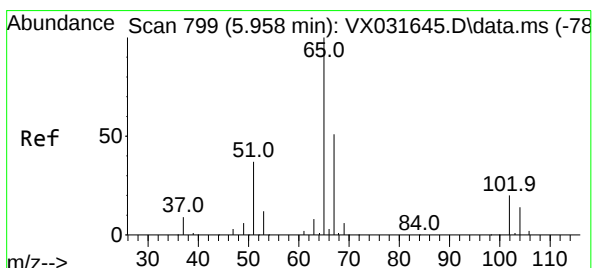
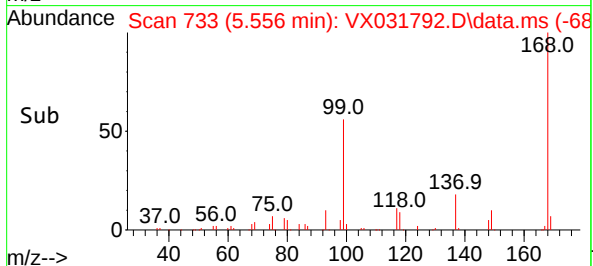
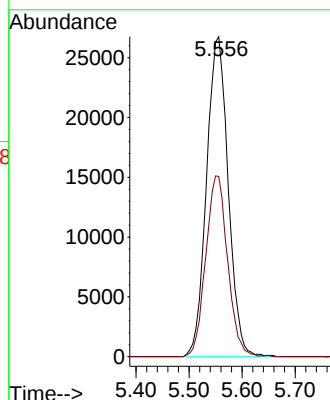
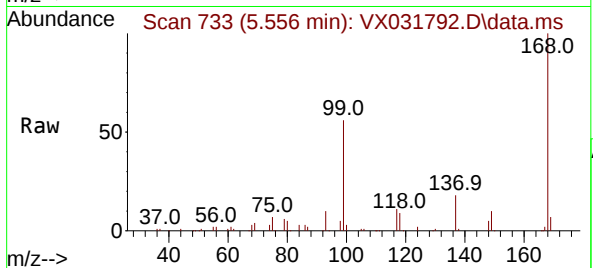




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX031792.D
Acq: 29 Sep 2022 23:39

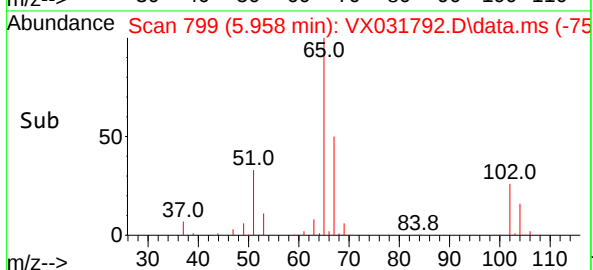
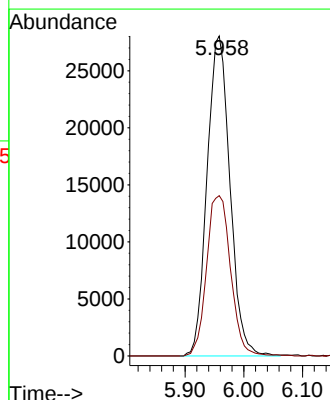
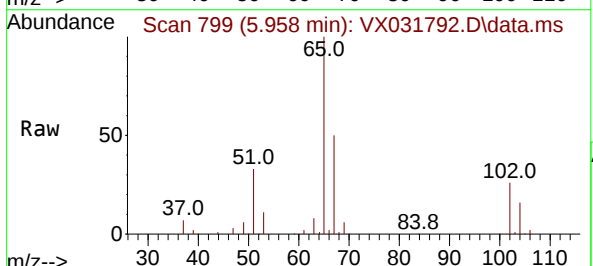
Instrument :
MSVOA_X
ClientSampleId :
MW-44

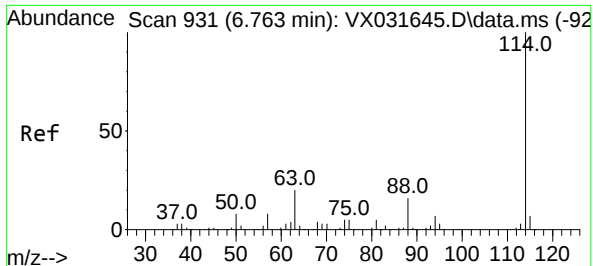
Tgt Ion:168 Resp: 76030
Ion Ratio Lower Upper
168 100
99 56.3 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 47.086 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031792.D
Acq: 29 Sep 2022 23:39

Tgt Ion: 65 Resp: 75981
Ion Ratio Lower Upper
65 100
67 52.7 0.0 102.4

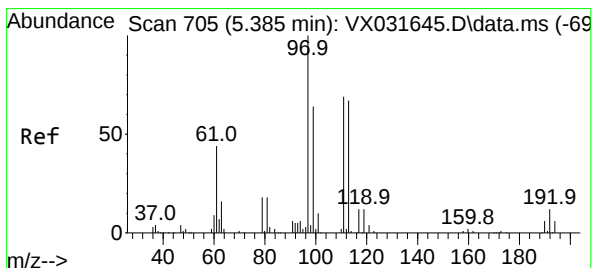
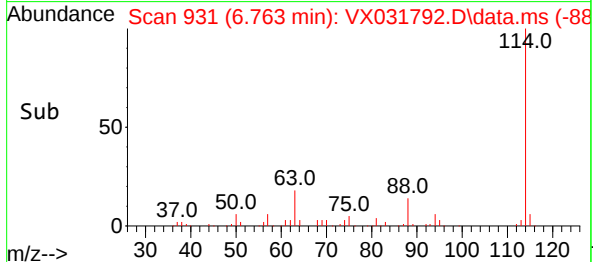
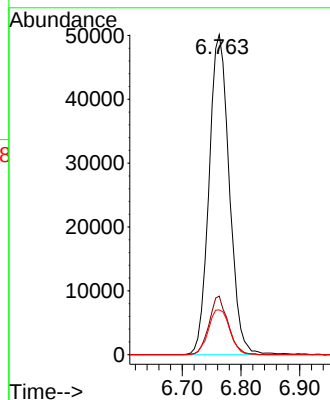
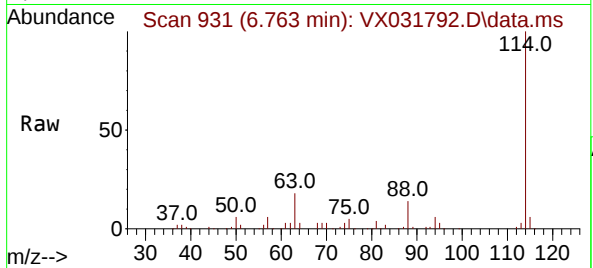




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031792.D
Acq: 29 Sep 2022 23:39

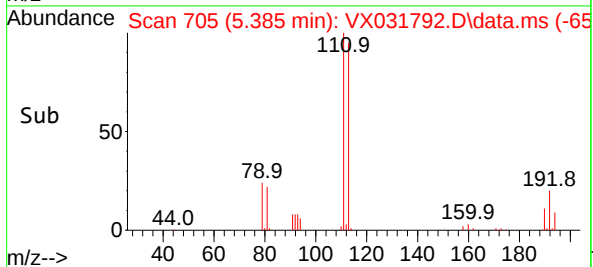
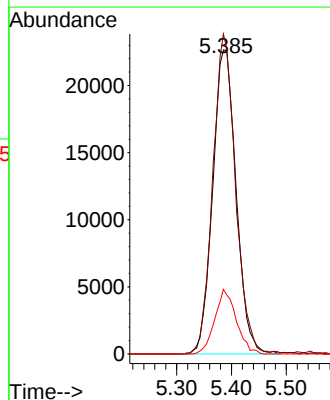
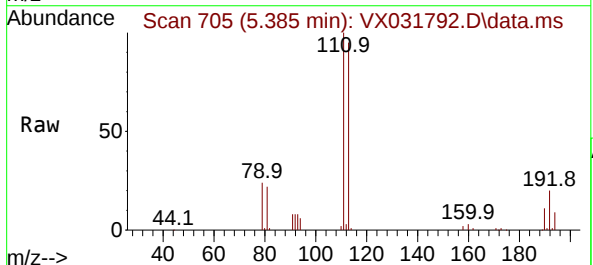
Instrument :
MSVOA_X
ClientSampleId :
MW-44

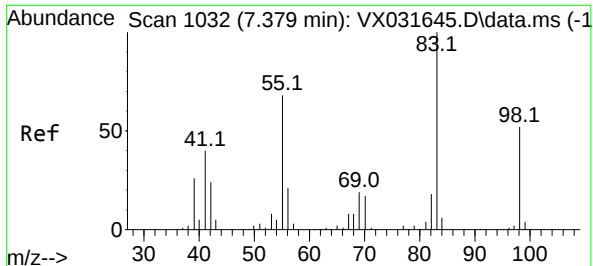
Tgt Ion:114 Resp: 120132
Ion Ratio Lower Upper
114 100
63 18.3 0.0 42.6
88 14.0 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.084 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031792.D
Acq: 29 Sep 2022 23:39

Tgt Ion:113 Resp: 67396
Ion Ratio Lower Upper
113 100
111 101.5 82.4 123.6
192 19.5 14.1 21.1





#39

Methylcyclohexane

Concen: 1.083 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX031792.D

Acq: 29 Sep 2022 23:39

Instrument :

MSVOA_X

ClientSampleId :

MW-44

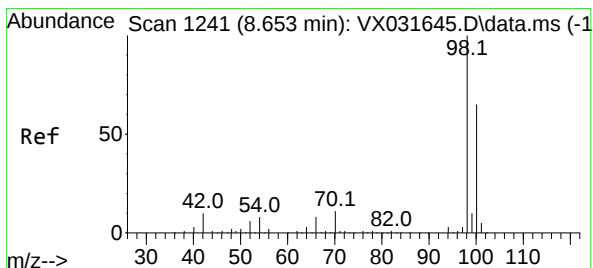
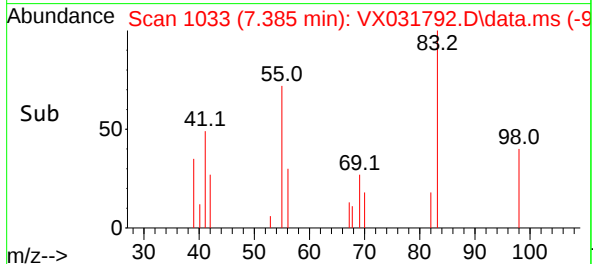
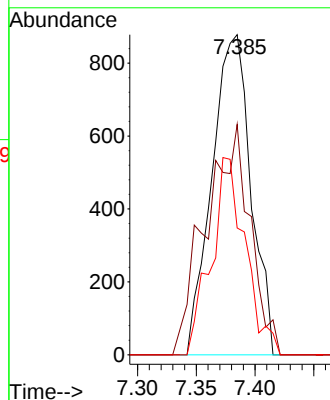
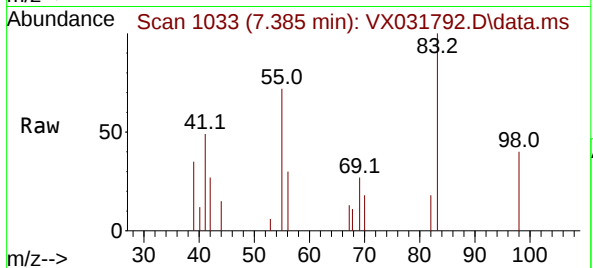
Tgt Ion: 83 Resp: 2029

Ion Ratio Lower Upper

83 100

55 72.0 61.0 91.4

98 39.6 37.7 56.5



#50

Toluene-d8

Concen: 46.189 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX031792.D

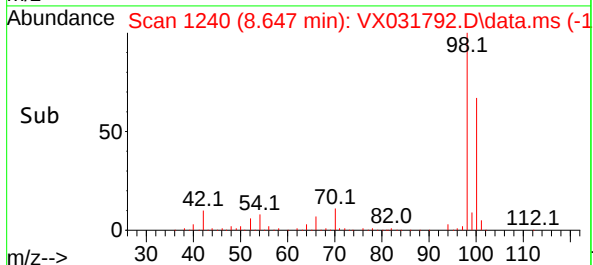
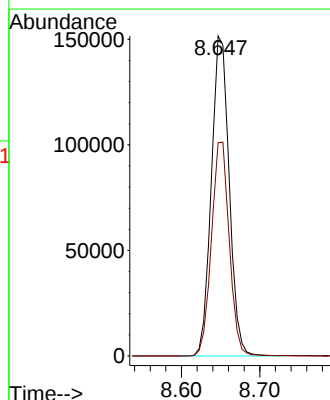
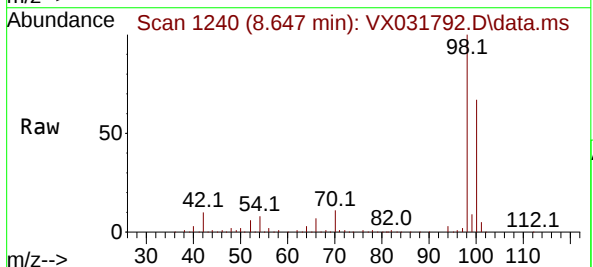
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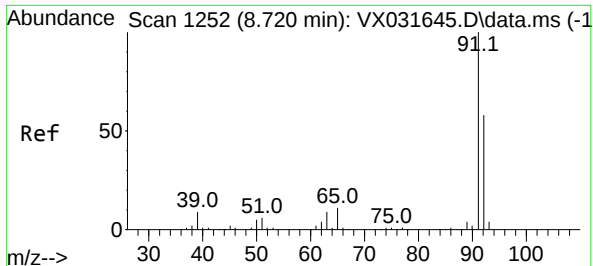
Tgt Ion: 98 Resp: 239693

Ion Ratio Lower Upper

98 100

100 66.9 52.5 78.7

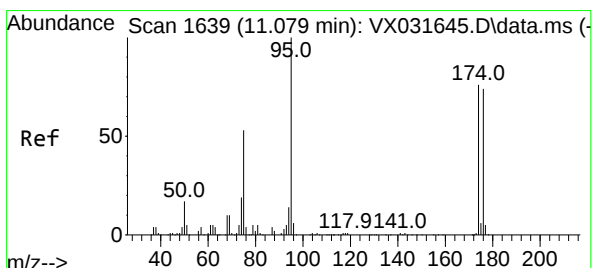
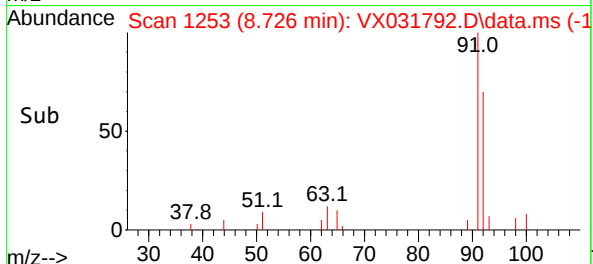
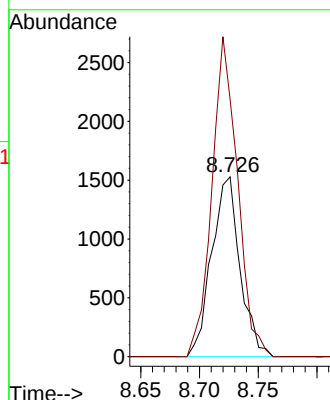
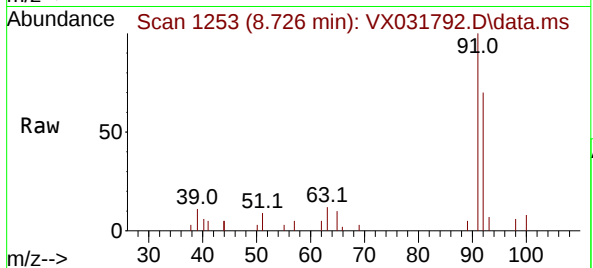




#52
Toluene
Concen: 0.763 ug/l
RT: 8.726 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX031792.D
Acq: 29 Sep 2022 23:39

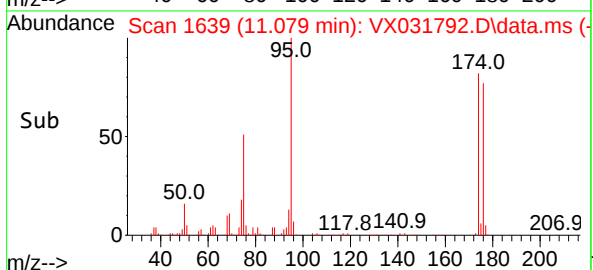
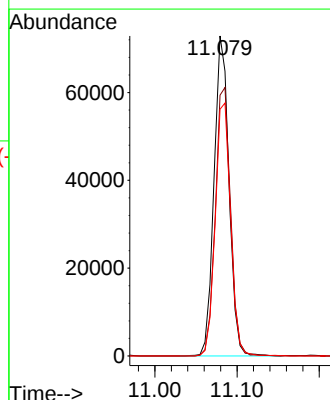
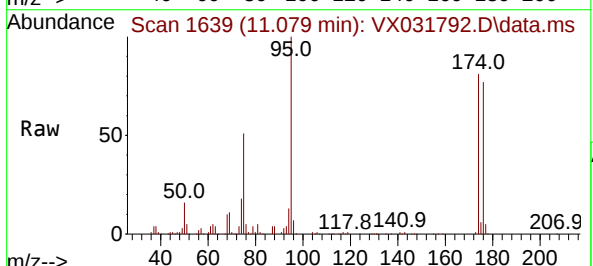
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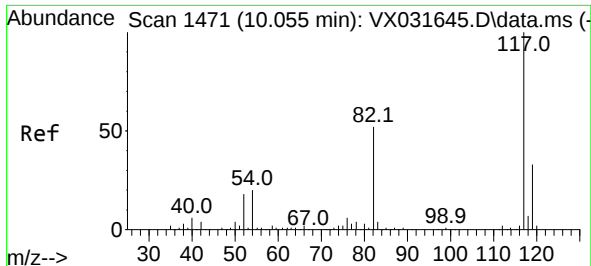
Tgt Ion: 92 Resp: 2569
Ion Ratio Lower Upper
92 100
91 160.7 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 48.394 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031792.D
Acq: 29 Sep 2022 23:39

Tgt Ion: 95 Resp: 92046
Ion Ratio Lower Upper
95 100
174 85.6 0.0 153.2
176 81.5 0.0 144.0

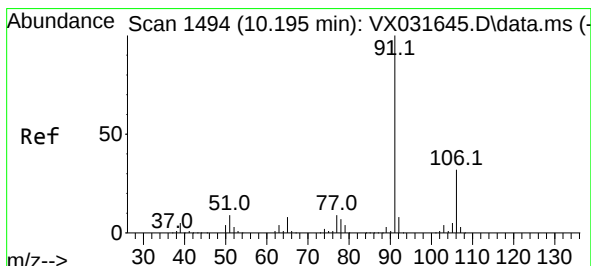
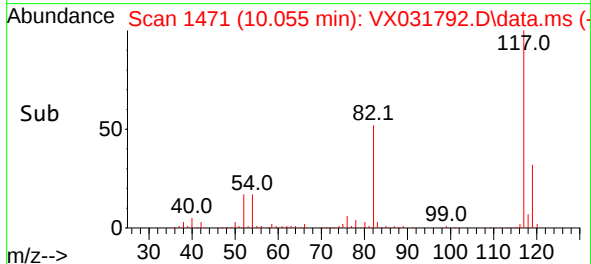
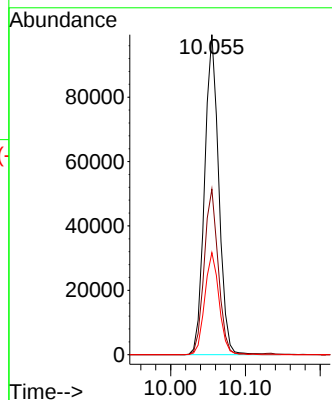
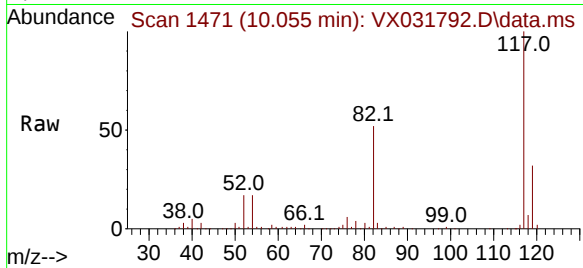




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031792.D
Acq: 29 Sep 2022 23:39

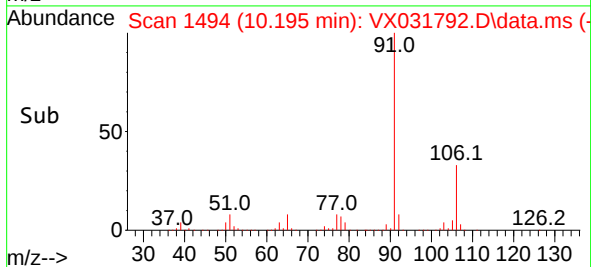
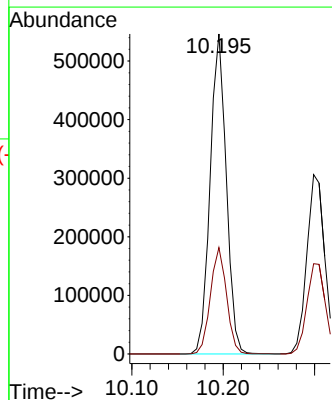
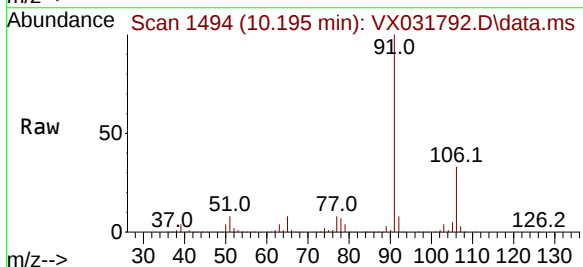
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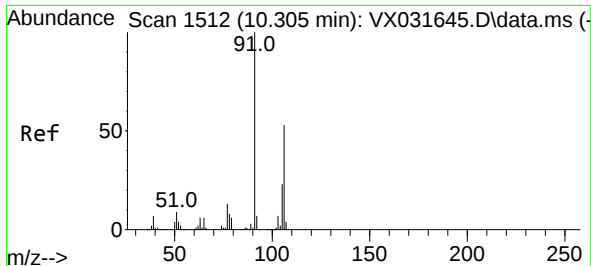
Tgt Ion:117 Resp: 130679
Ion Ratio Lower Upper
117 100
82 51.7 46.8 70.2
119 31.9 26.4 39.6



#67
Ethyl Benzene
Concen: 107.920 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031792.D
Acq: 29 Sep 2022 23:39

Tgt Ion: 91 Resp: 668365
Ion Ratio Lower Upper
91 100
106 33.2 25.2 37.8

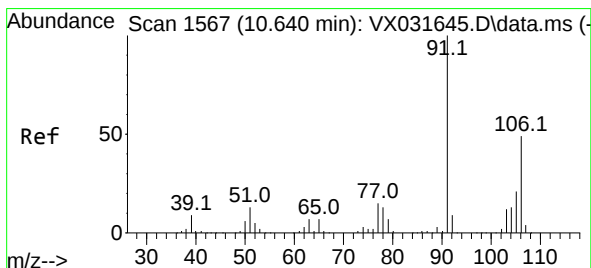
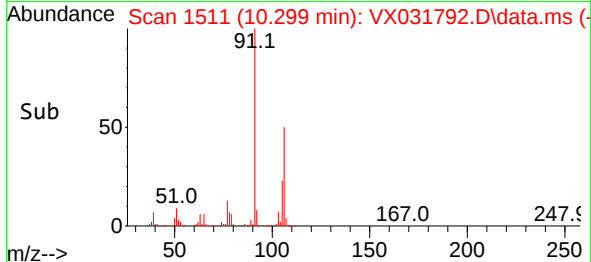
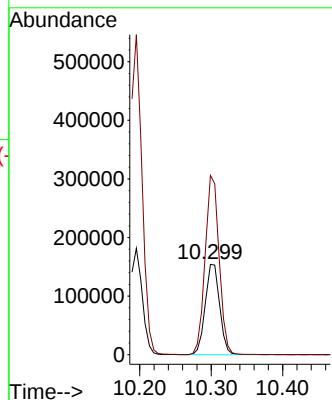
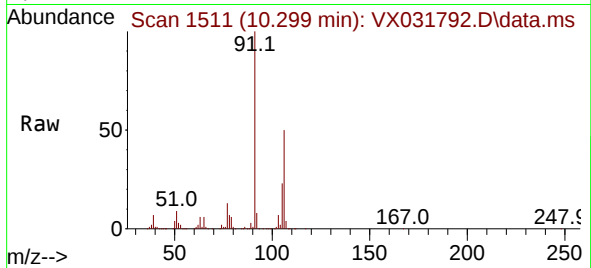




#68
m/p-Xylenes
Concen: 86.926 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX031792.D
Acq: 29 Sep 2022 23:39

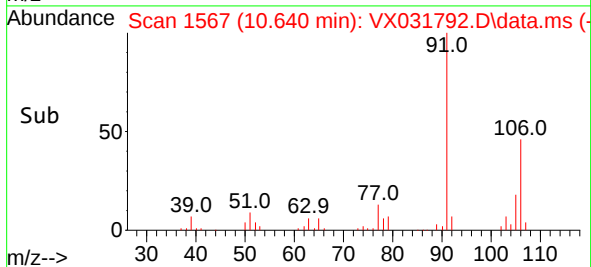
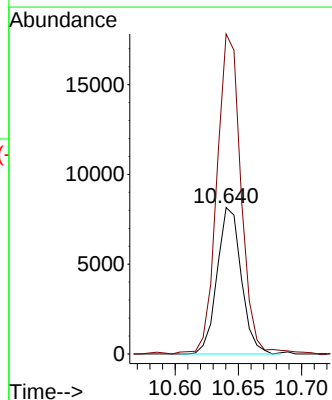
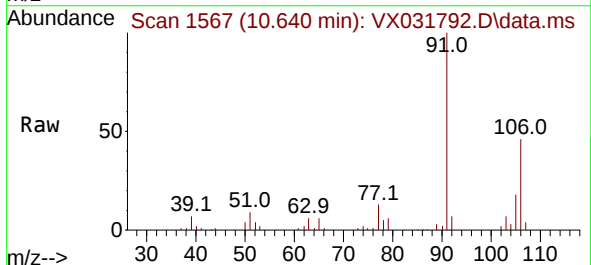
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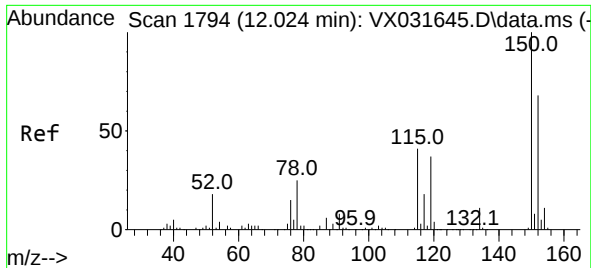
Tgt Ion:106 Resp: 216306
Ion Ratio Lower Upper
106 100
91 192.7 161.0 241.4



#69
o-Xylene
Concen: 4.442 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX031792.D
Acq: 29 Sep 2022 23:39

Tgt Ion:106 Resp: 10805
Ion Ratio Lower Upper
106 100
91 219.1 107.2 321.6

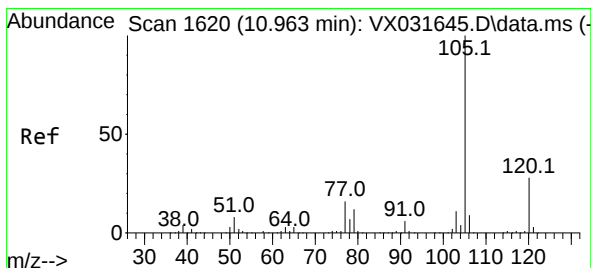
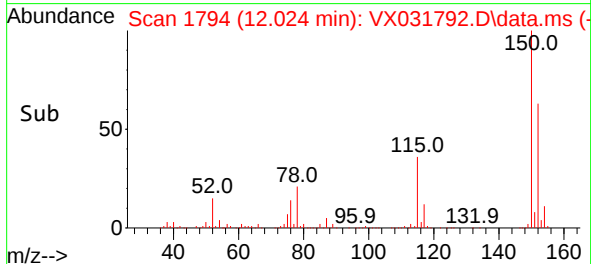
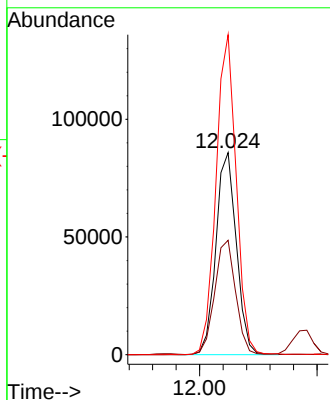
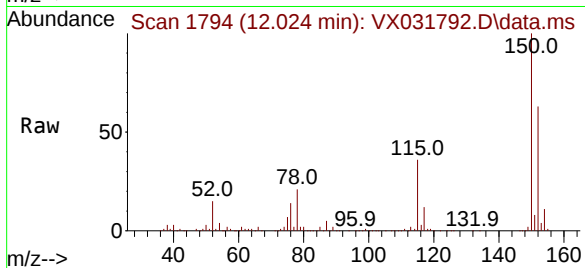




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031792.D
 Acq: 29 Sep 2022 23:39

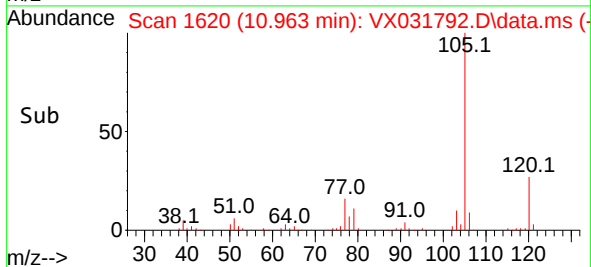
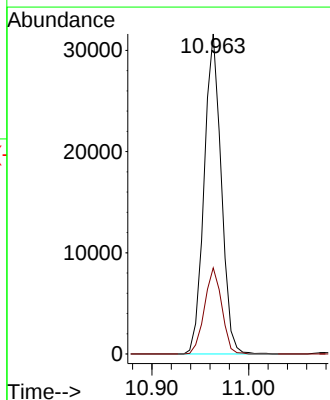
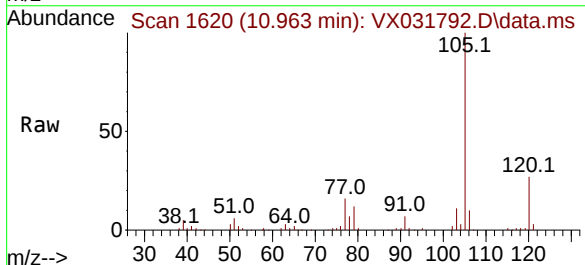
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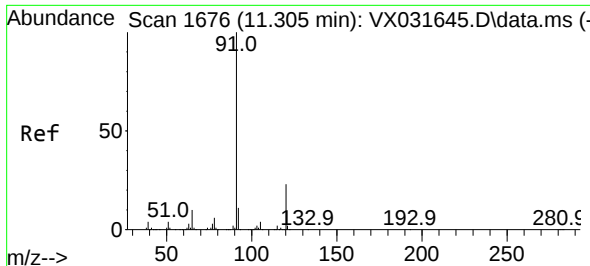
Tgt Ion:152 Resp: 103879
 Ion Ratio Lower Upper
 152 100
 115 57.9 43.4 130.1
 150 156.9 0.0 346.8



#73
 Isopropylbenzene
 Concen: 5.792 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX031792.D
 Acq: 29 Sep 2022 23:39

Tgt Ion:105 Resp: 38912
 Ion Ratio Lower Upper
 105 100
 120 27.0 13.7 41.0

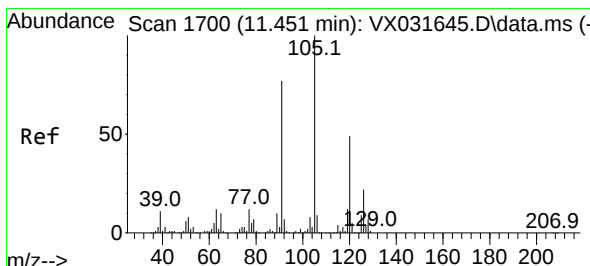
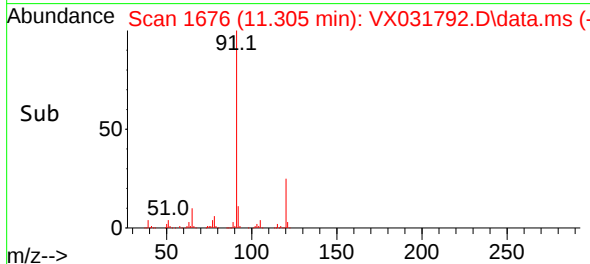
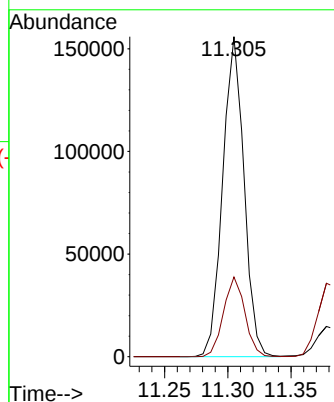
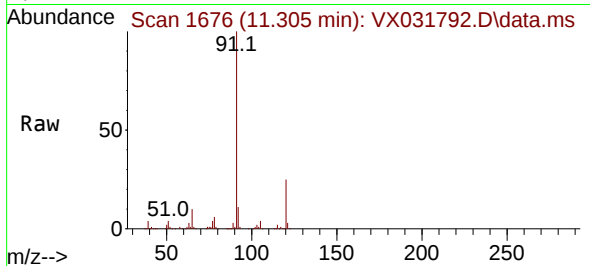




#78
n-propylbenzene
Concen: 24.392 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031792.D
Acq: 29 Sep 2022 23:39

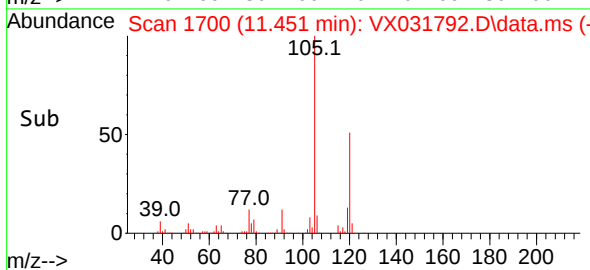
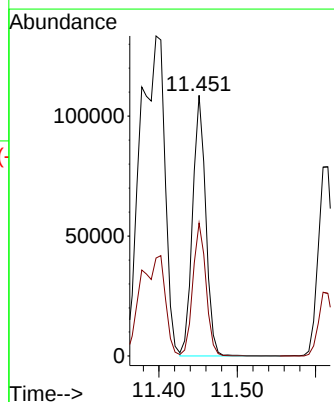
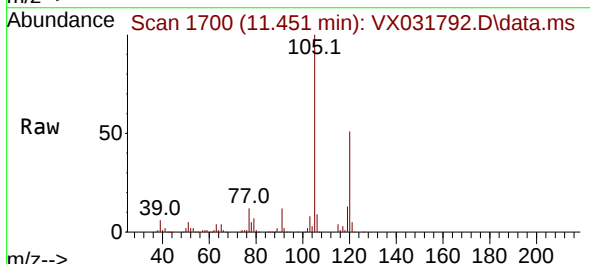
Instrument :
MSVOA_X
ClientSampleId :
MW-44

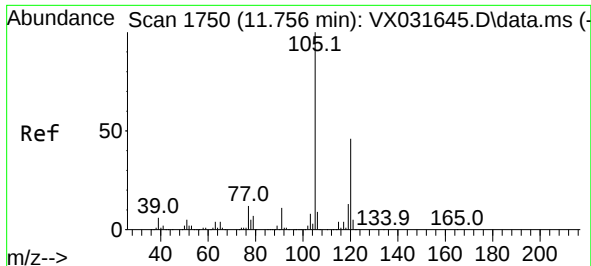
Tgt Ion: 91 Resp: 182346
Ion Ratio Lower Upper
91 100
120 24.9 11.8 35.4



#80
1,3,5-Trimethylbenzene
Concen: 22.323 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031792.D
Acq: 29 Sep 2022 23:39

Tgt Ion: 105 Resp: 127120
Ion Ratio Lower Upper
105 100
120 50.9 24.5 73.5

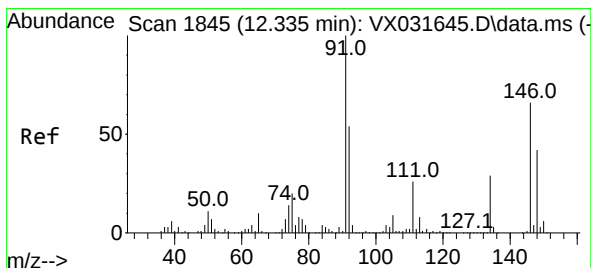
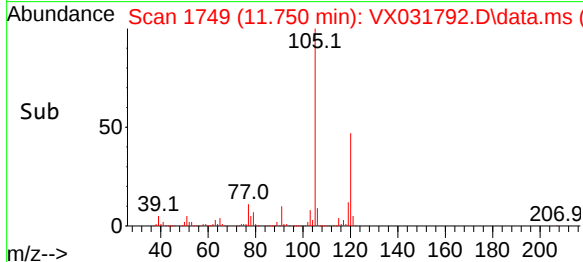
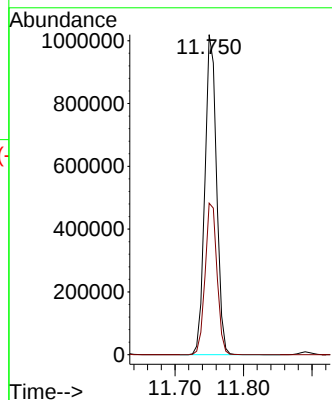
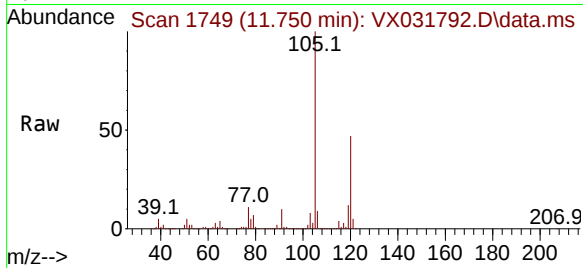




#84
1,2,4-Trimethylbenzene
Concen: 214.628 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031792.D
Acq: 29 Sep 2022 23:39

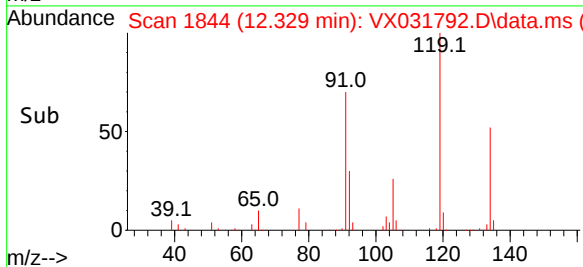
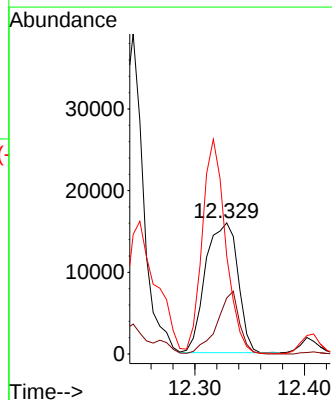
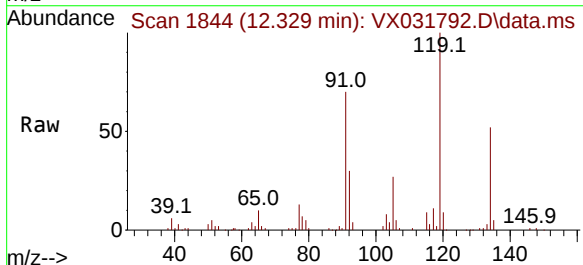
Instrument :
MSVOA_X
ClientSampleId :
MW-44

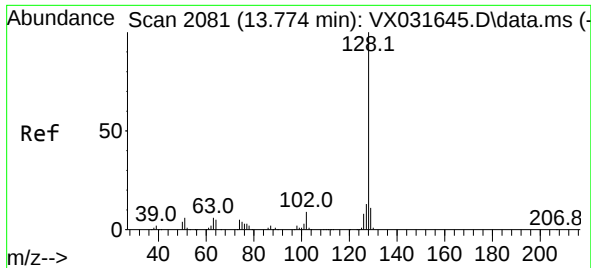
Tgt Ion:105 Resp: 1209806
Ion Ratio Lower Upper
105 100
120 48.4 22.6 67.8



#89
n-Butylbenzene
Concen: 6.641 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX031792.D
Acq: 29 Sep 2022 23:39

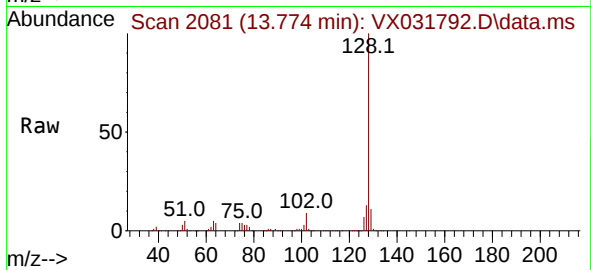
Tgt Ion: 91 Resp: 32651
Ion Ratio Lower Upper
91 100
92 33.5 27.0 81.0
134 118.5 13.3 39.9#





#95
Naphthalene
Concen: 74.545 ug/l
RT: 13.774 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX031792.D
Acq: 29 Sep 2022 23:39

Instrument :
MSVOA_X
ClientSampleId :
MW-44



Tgt Ion:128 Resp: 482786
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.8 13.2

