

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031594.D
 Acq On : 23 Sep 2022 01:47
 Operator : JC/MD
 Sample : N4614-01DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 H-1RDL

Quant Time: Sep 23 04:47:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

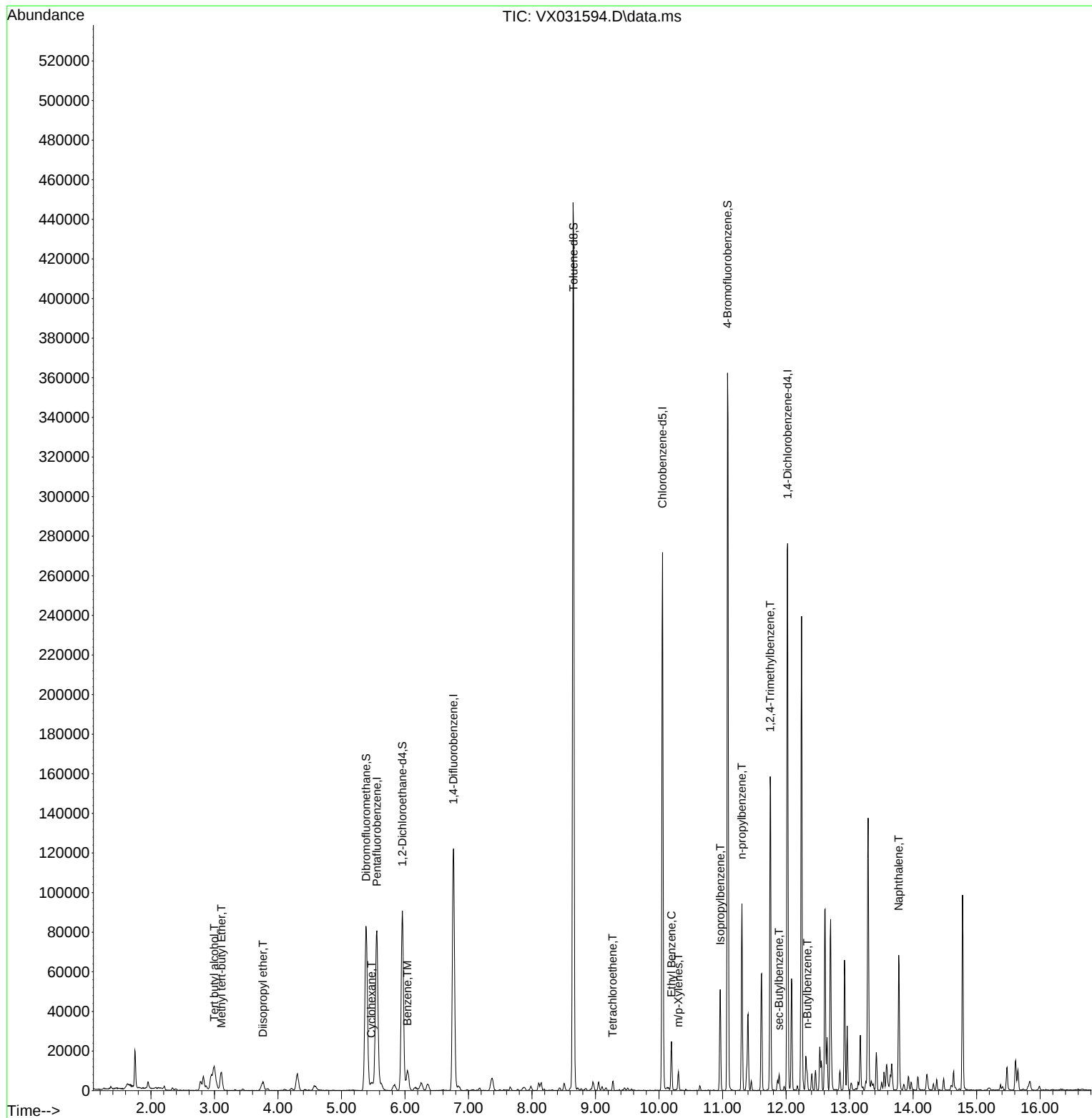
Internal Standards						
1) Pentafluorobenzene	5.556	168	78238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	129279	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79393	55.345	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.680%	
35) Dibromofluoromethane	5.385	113	67093	50.214	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.420%	
50) Toluene-d8	8.653	98	260793	50.633	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.260%	
62) 4-Bromofluorobenzene	11.079	95	80974	46.413	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.820%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.995	59	24758	56.963	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	4257	0.967	ug/l #	1
22) Diisopropyl ether	3.764	45	4040	0.939	ug/l #	81
31) Cyclohexane	5.471	56	2625	1.233	ug/l	98
40) Benzene	6.038	78	11723	1.912	ug/l	98
64) Tetrachloroethene	9.269	164	915	0.649	ug/l #	76
67) Ethyl Benzene	10.195	91	13705	2.143	ug/l	92
68) m/p-Xylenes	10.305	106	2182	0.849	ug/l	94
73) Isopropylbenzene	10.963	105	25631	6.044	ug/l	100
78) n-propylbenzene	11.305	91	54344	11.139	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	67542	19.056	ug/l	98
85) sec-Butylbenzene	11.890	105	4587	1.039	ug/l	93
89) n-Butylbenzene	12.335	91	4681	1.474	ug/l #	70
95) Naphthalene	13.774	128	42208	10.368	ug/l	99

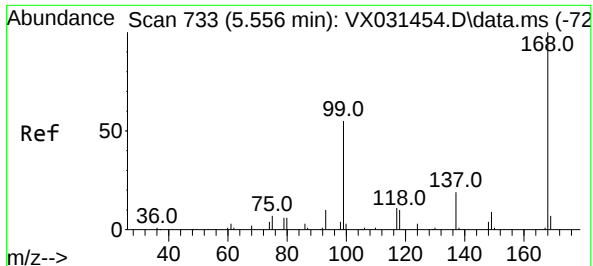
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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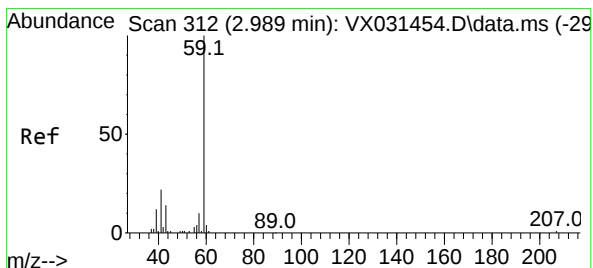
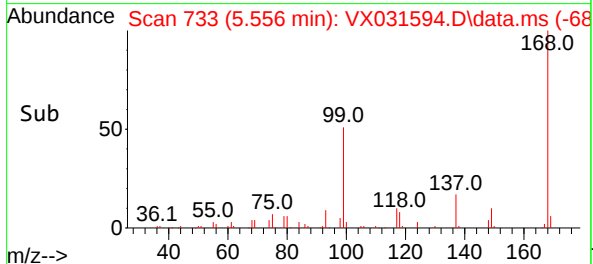
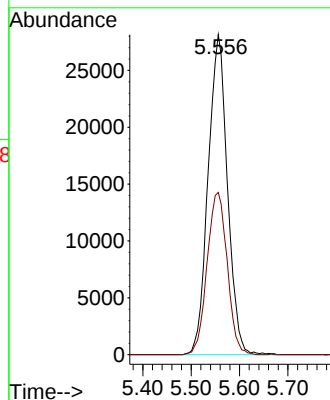
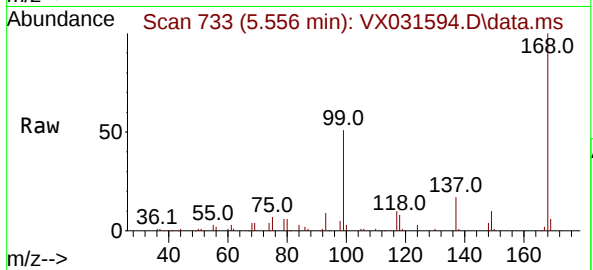




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031594.D
Acq: 23 Sep 2022 01:47

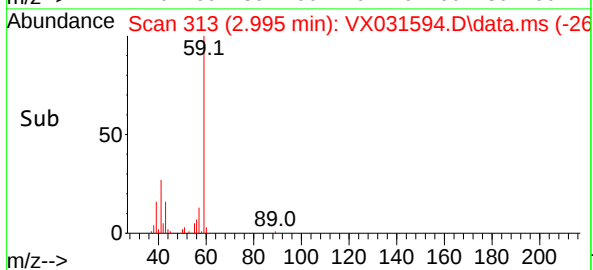
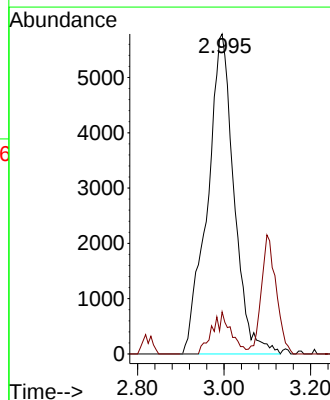
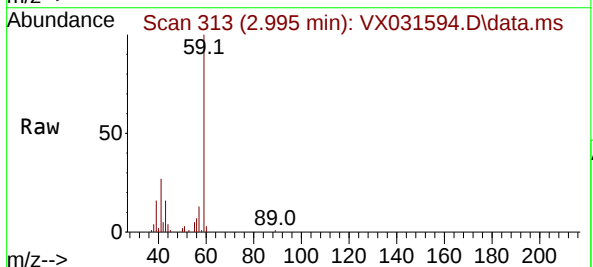
Instrument :
MSVOA_X
ClientSampleId :
H-1RDL

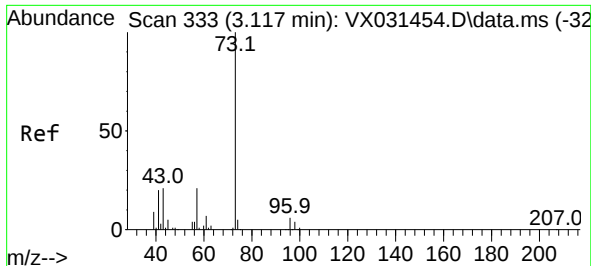
Tgt Ion:168 Resp: 78238
Ion Ratio Lower Upper
168 100
99 50.7 48.8 73.2



#11
Tert butyl alcohol
Concen: 56.963 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.006 min
Lab File: VX031594.D
Acq: 23 Sep 2022 01:47

Tgt Ion: 59 Resp: 24758
Ion Ratio Lower Upper
59 100
57 9.3 8.2 12.2

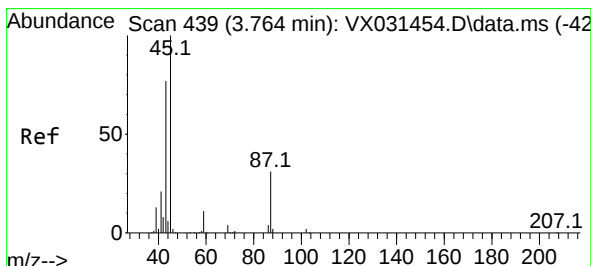
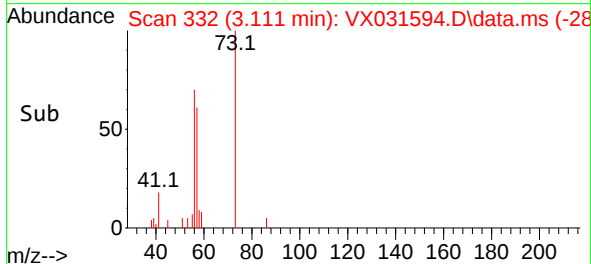
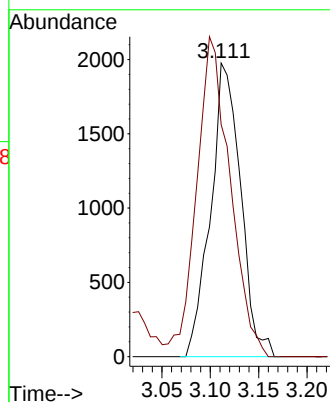
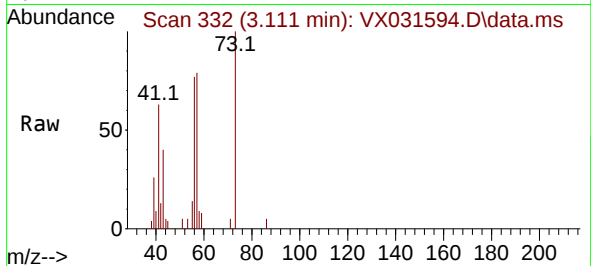




#19
Methyl tert-butyl Ether
Concen: 0.967 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX031594.D
Acq: 23 Sep 2022 01:47

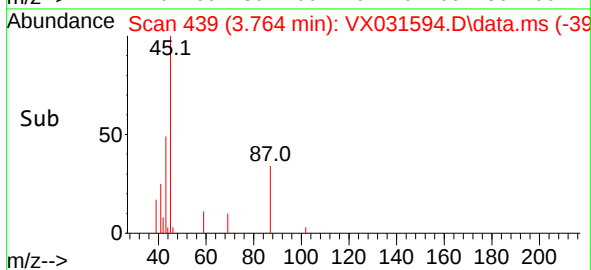
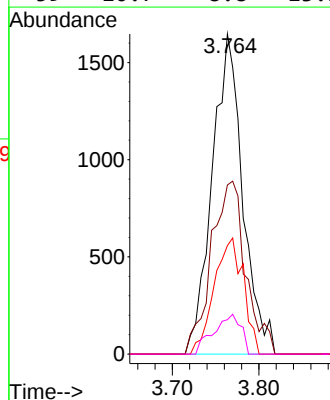
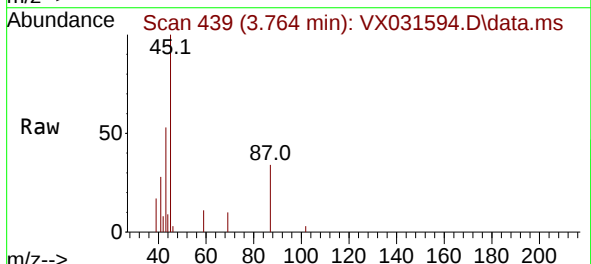
Instrument :
MSVOA_X
ClientSampleId :
H-1RDL

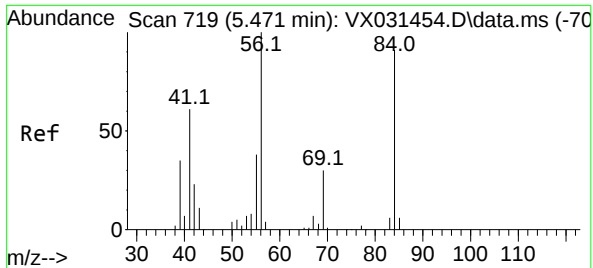
Tgt Ion: 73 Resp: 4257
Ion Ratio Lower Upper
73 100
57 79.0 17.2 25.8#



#22
Diisopropyl ether
Concen: 0.939 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX031594.D
Acq: 23 Sep 2022 01:47

Tgt Ion: 45 Resp: 4040
Ion Ratio Lower Upper
45 100
43 52.8 59.0 88.6#
87 33.9 22.6 33.8#
59 10.7 8.8 13.2

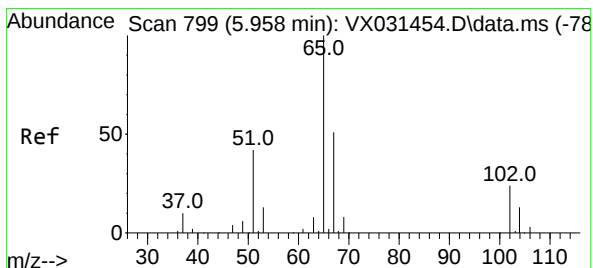
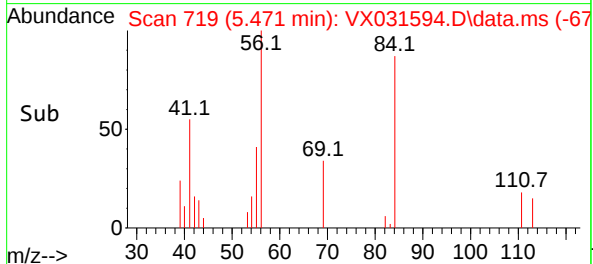
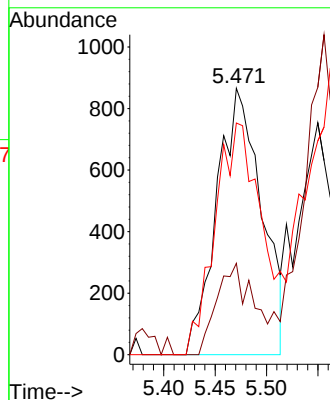
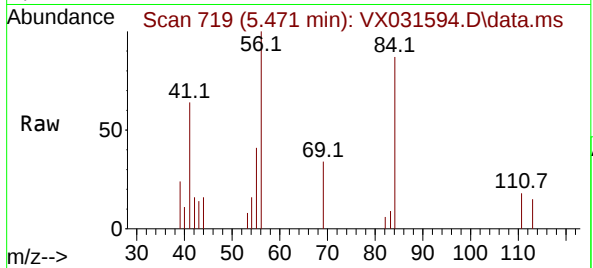




#31
Cyclohexane
Concen: 1.233 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX031594.D
Acq: 23 Sep 2022 01:47

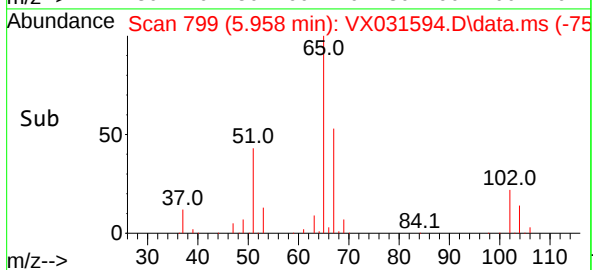
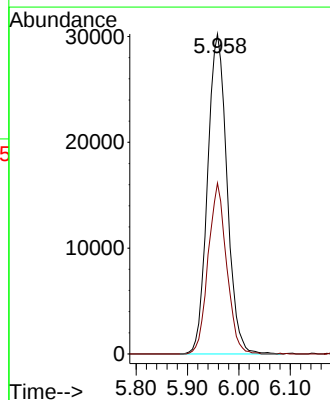
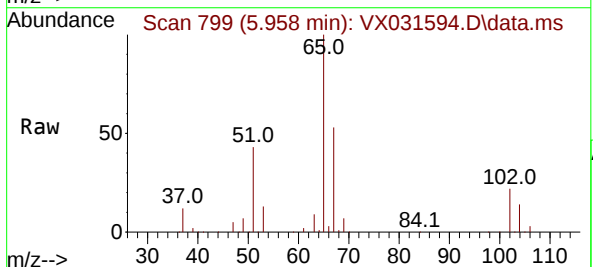
Instrument :
MSVOA_X
ClientSampleId :
H-1RDL

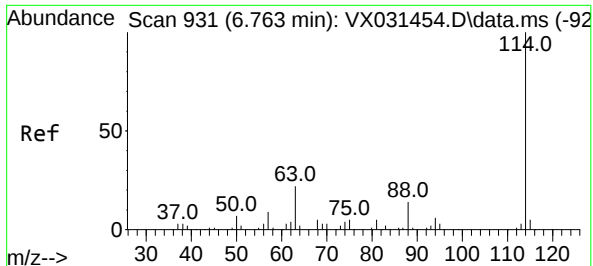
Tgt Ion:	56	Resp:	2625
Ion	Ratio	Lower	Upper
56	100		
69	34.3	25.1	37.7
84	87.0	70.2	105.4



#33
1,2-Dichloroethane-d4
Concen: 55.345 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031594.D
Acq: 23 Sep 2022 01:47

Tgt Ion:	65	Resp:	79393
Ion	Ratio	Lower	Upper
65	100		
67	50.6	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: VX031594.D

Acq: 23 Sep 2022 01:47

Instrument :

MSVOA_X

ClientSampleId :

H-1RDL

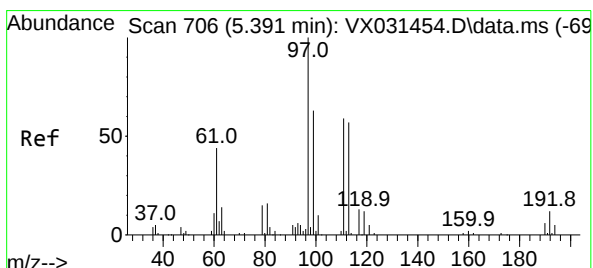
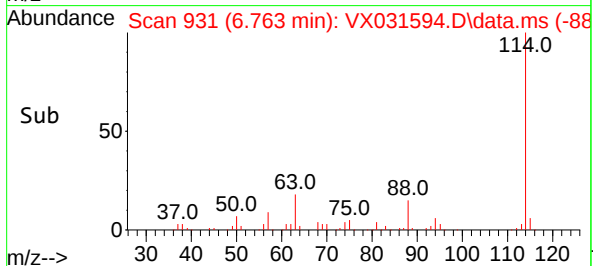
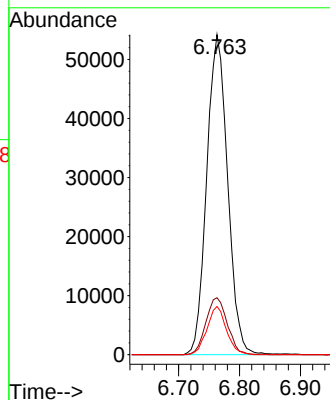
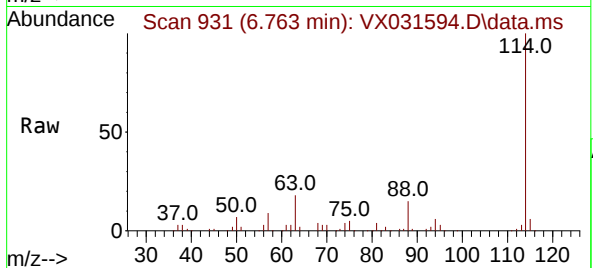
Tgt Ion:114 Resp: 129279

Ion Ratio Lower Upper

114 100

63 17.8 0.0 42.6

88 15.0 0.0 33.0



#35

Dibromofluoromethane

Concen: 50.214 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX031594.D

Acq: 23 Sep 2022 01:47

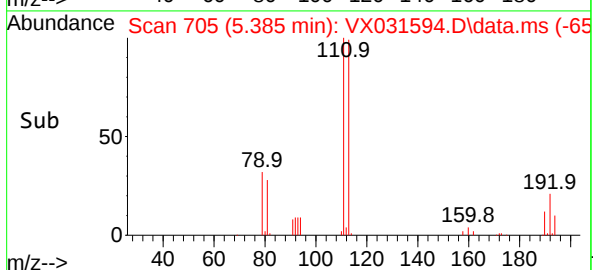
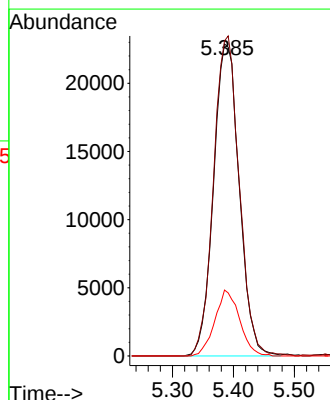
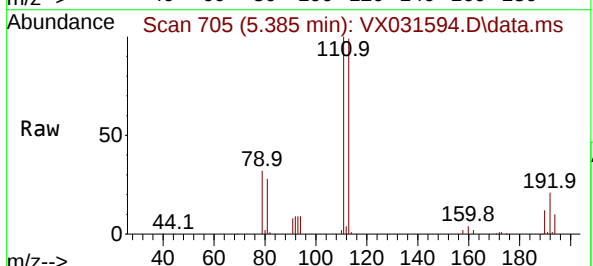
Tgt Ion:113 Resp: 67093

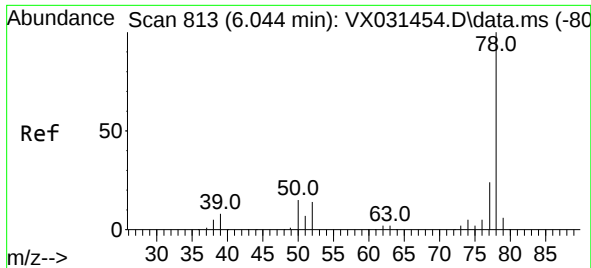
Ion Ratio Lower Upper

113 100

111 102.2 82.4 123.6

192 20.3 14.1 21.1

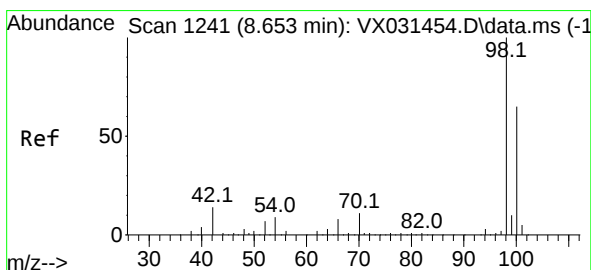
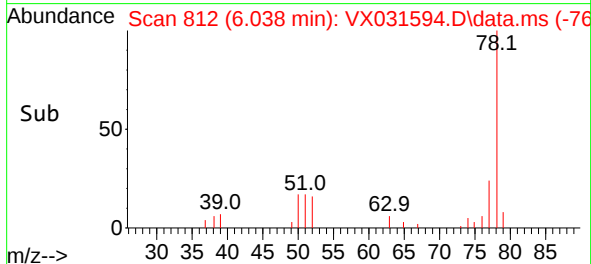
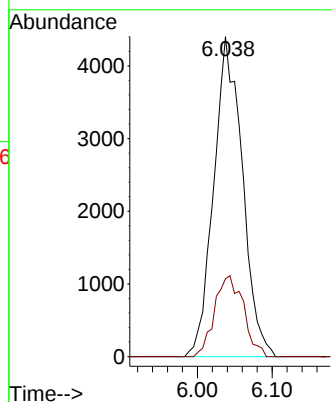
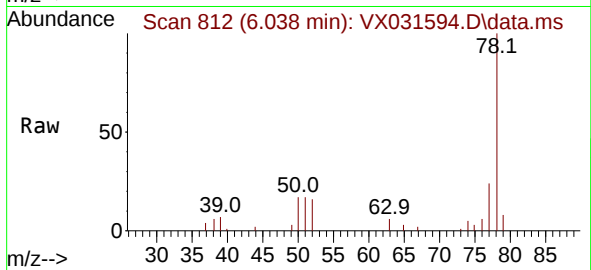




#40
Benzene
Concen: 1.912 ug/l
RT: 6.038 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX031594.D
Acq: 23 Sep 2022 01:47

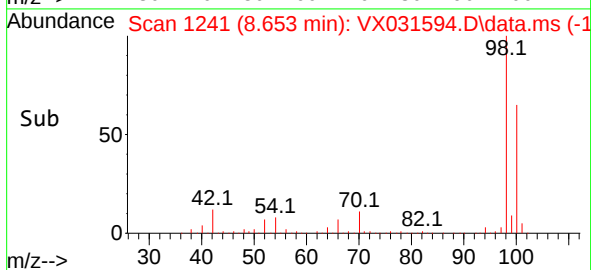
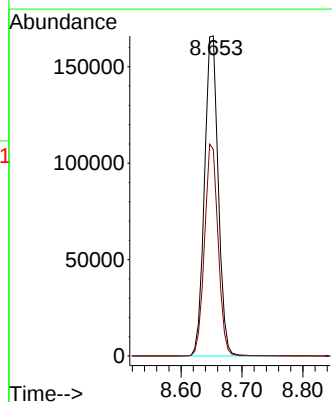
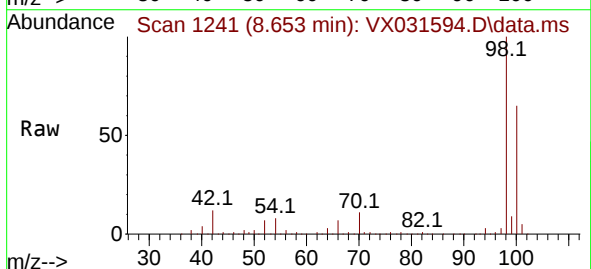
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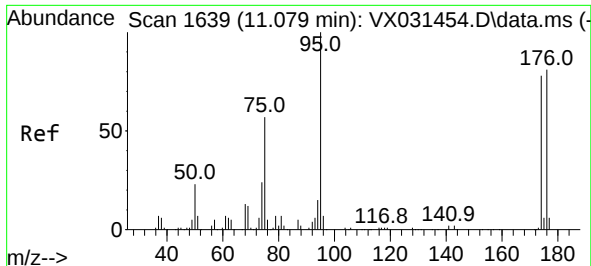
Tgt Ion: 78 Resp: 11723
Ion Ratio Lower Upper
78 100
77 24.4 18.7 28.1



#50
Toluene-d8
Concen: 50.633 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031594.D
Acq: 23 Sep 2022 01:47

Tgt Ion: 98 Resp: 260793
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7

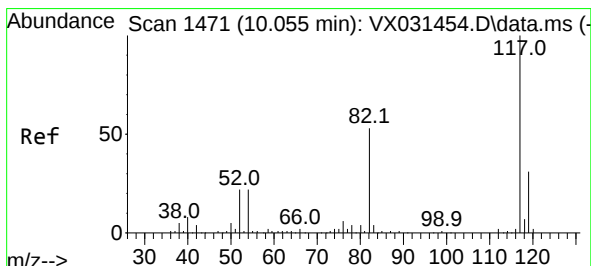
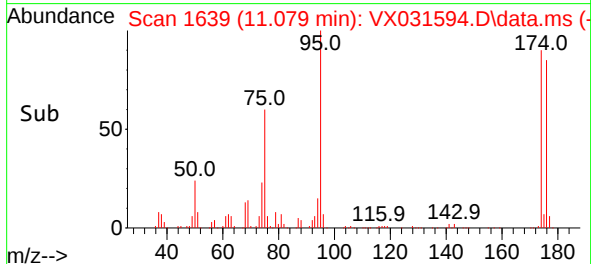
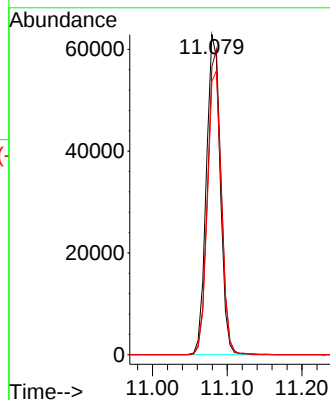
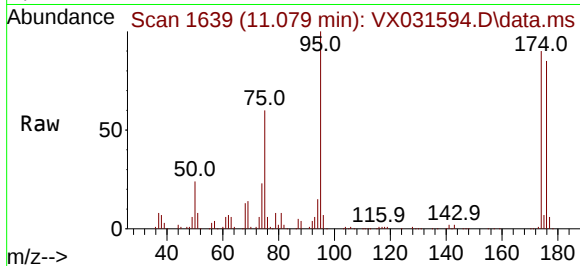




#62
4-Bromofluorobenzene
Concen: 46.413 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031594.D
Acq: 23 Sep 2022 01:47

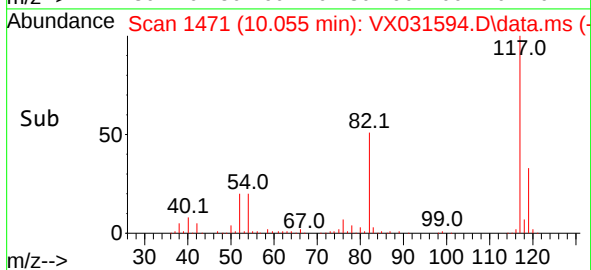
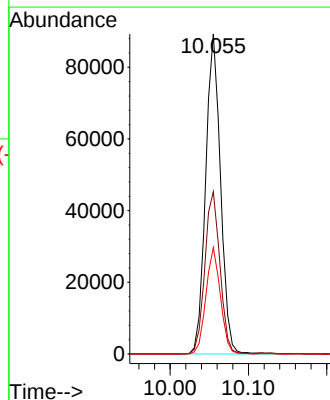
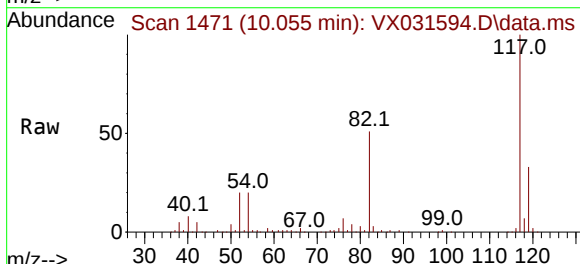
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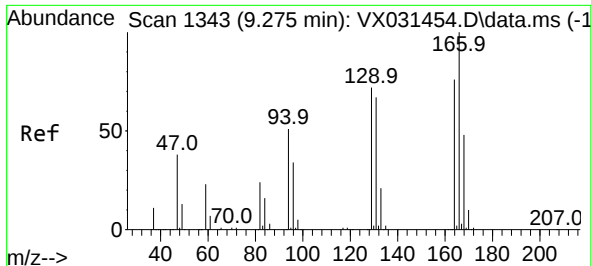
Tgt Ion: 95 Resp: 80974
Ion Ratio Lower Upper
95 100
174 94.5 0.0 153.2
176 89.7 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031594.D
Acq: 23 Sep 2022 01:47

Tgt Ion: 117 Resp: 117457
Ion Ratio Lower Upper
117 100
82 50.7 46.8 70.2
119 33.3 26.4 39.6

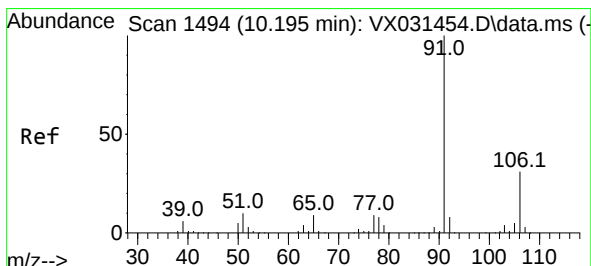
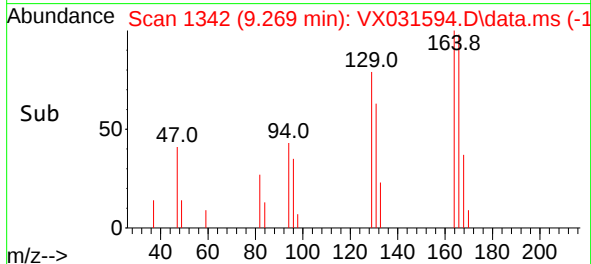
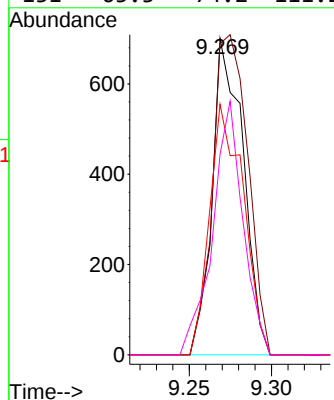
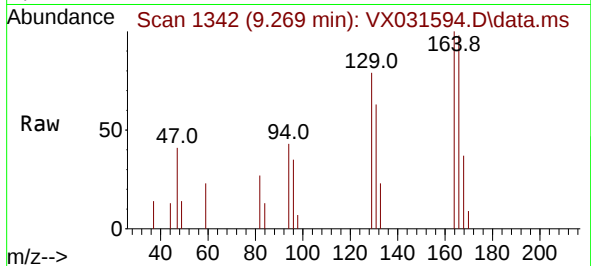




#64
Tetrachloroethene
Concen: 0.649 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031594.D
Acq: 23 Sep 2022 01:47

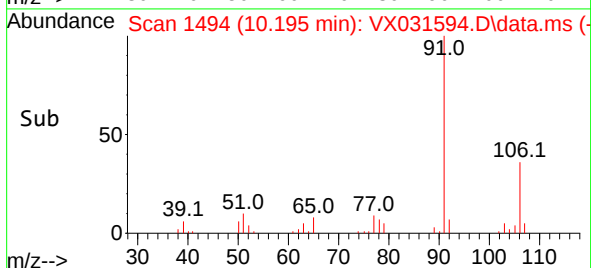
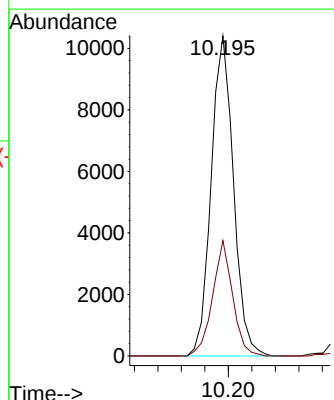
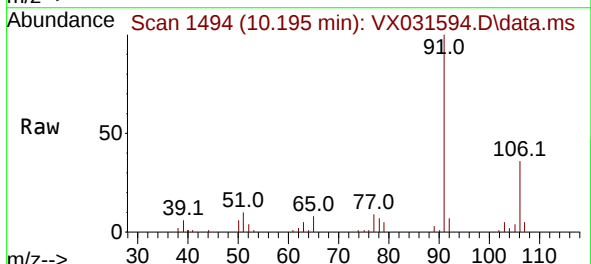
Instrument :
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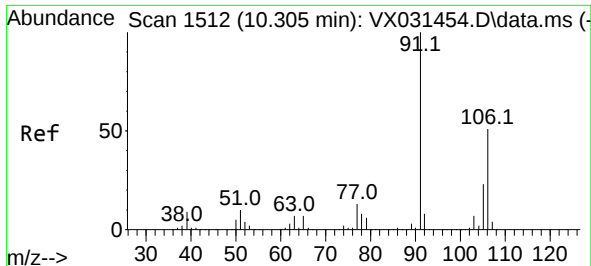
Tgt Ion:164 Resp: 915
Ion Ratio Lower Upper
164 100
166 98.3 99.0 148.4#
129 79.2 78.0 117.0
131 63.3 74.2 111.2#



#67
Ethyl Benzene
Concen: 2.143 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031594.D
Acq: 23 Sep 2022 01:47

Tgt Ion: 91 Resp: 13705
Ion Ratio Lower Upper
91 100
106 36.0 25.2 37.8

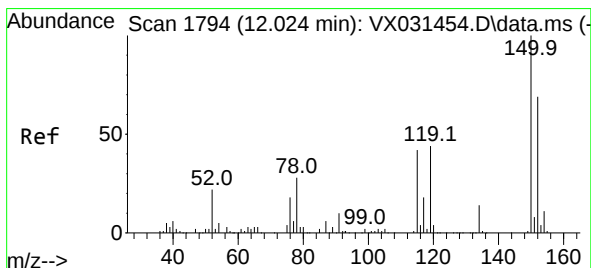
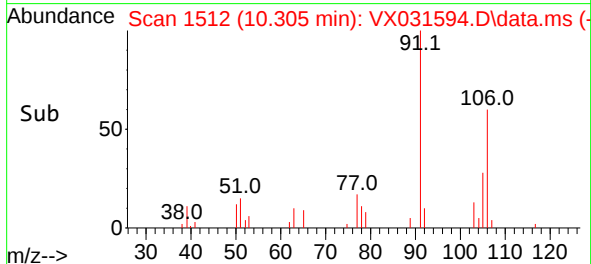
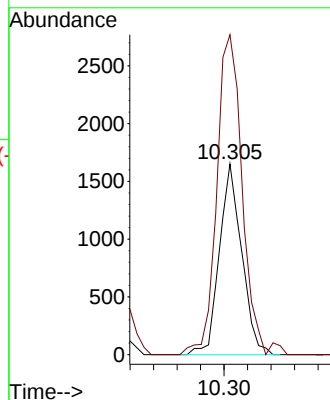
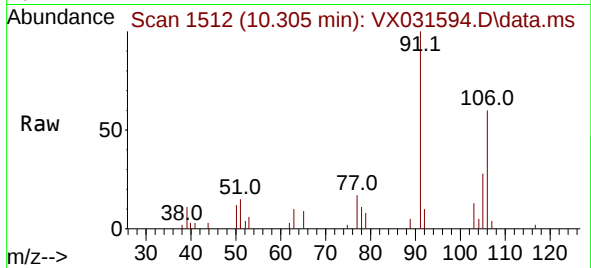




#68
m/p-Xylenes
Concen: 0.849 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031594.D
Acq: 23 Sep 2022 01:47

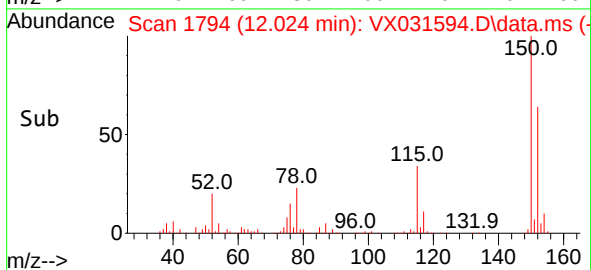
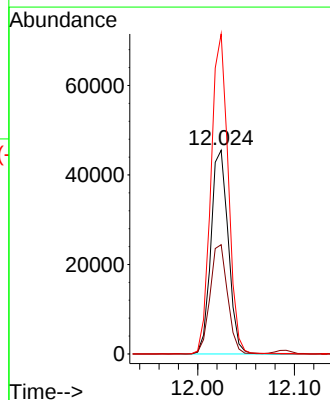
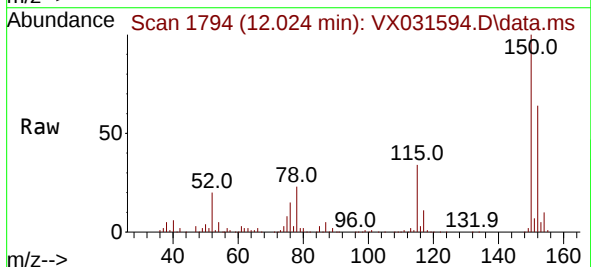
Instrument :
MSVOA_X
ClientSampleId :
H-1RDL

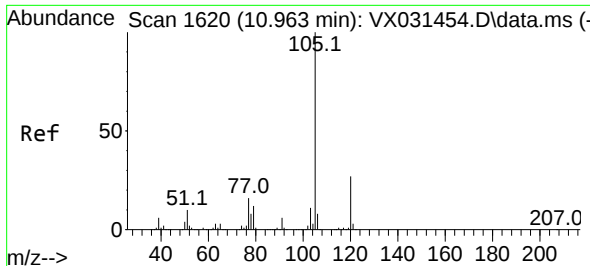
Tgt Ion:106 Resp: 2182
Ion Ratio Lower Upper
106 100
91 191.5 161.0 241.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031594.D
Acq: 23 Sep 2022 01:47

Tgt Ion:152 Resp: 56789
Ion Ratio Lower Upper
152 100
115 54.3 43.4 130.1
150 156.3 0.0 346.8

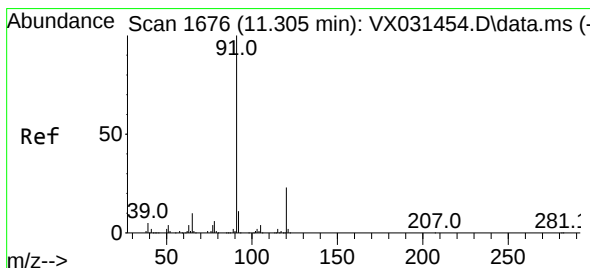
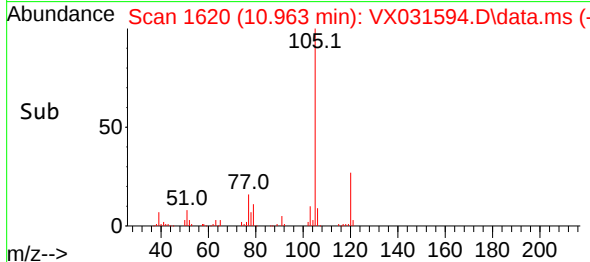
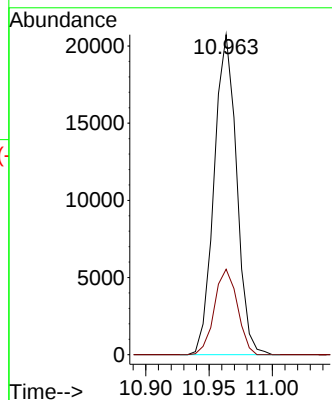
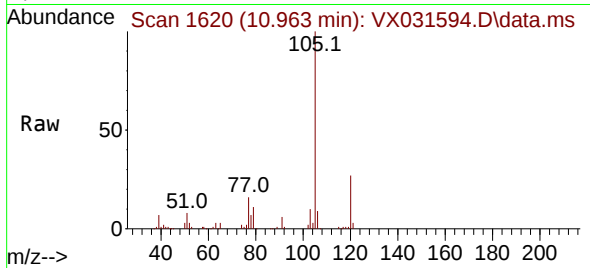




#73
Isopropylbenzene
Concen: 6.044 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX031594.D
Acq: 23 Sep 2022 01:47

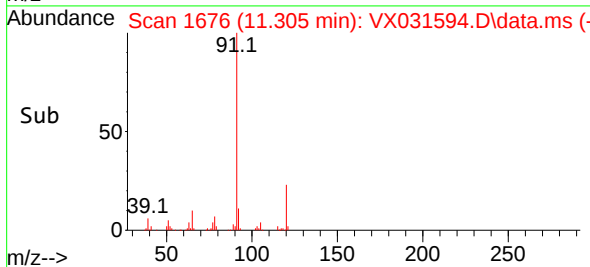
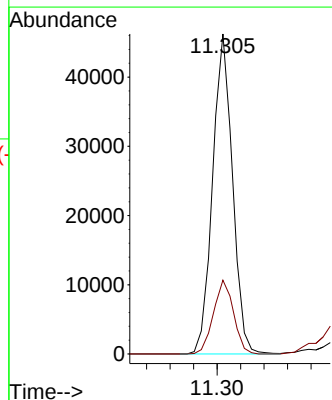
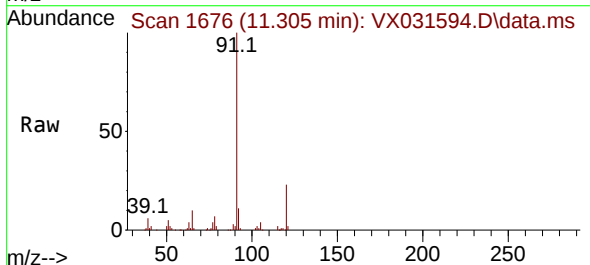
Instrument :
MSVOA_X
ClientSampleId :
H-1RDL

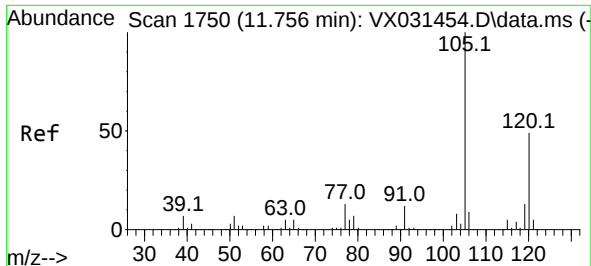
Tgt Ion:105 Resp: 25631
Ion Ratio Lower Upper
105 100
120 27.2 13.7 41.0



#78
n-propylbenzene
Concen: 11.139 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031594.D
Acq: 23 Sep 2022 01:47

Tgt Ion: 91 Resp: 54344
Ion Ratio Lower Upper
91 100
120 23.3 11.8 35.4

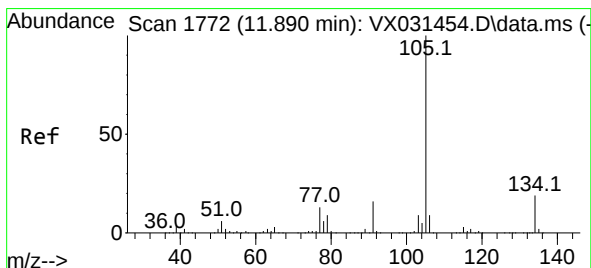
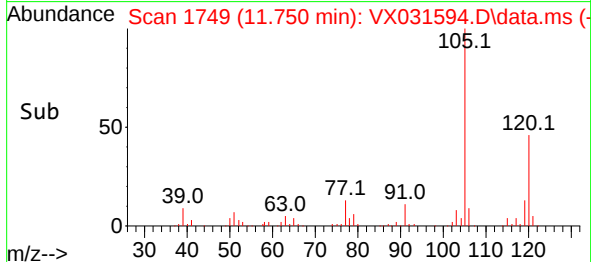
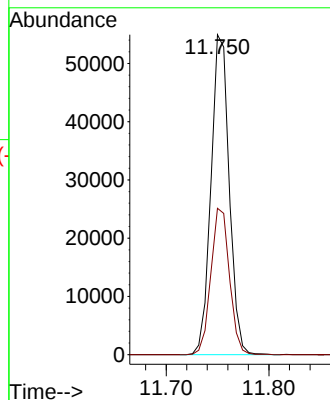
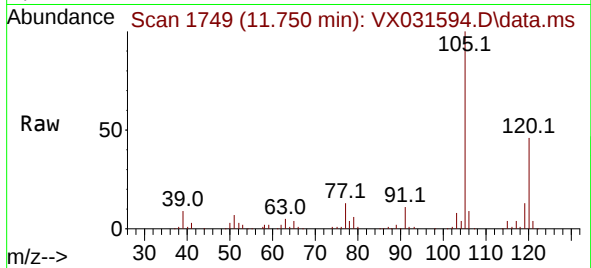




#84
1,2,4-Trimethylbenzene
Concen: 19.056 ug/l
RT: 11.750 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VX031594.D
Acq: 23 Sep 2022 01:47

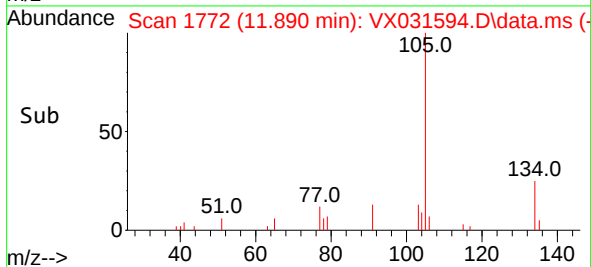
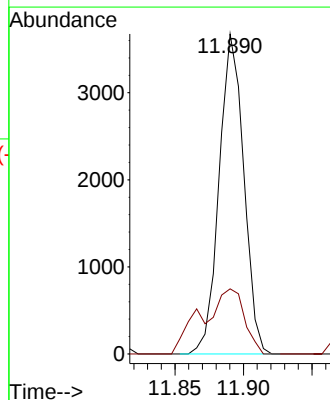
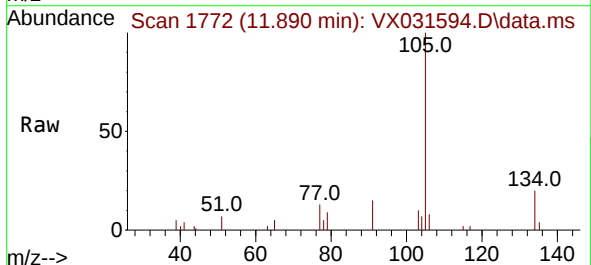
Instrument :
MSVOA_X
ClientSampleId :
H-1RDL

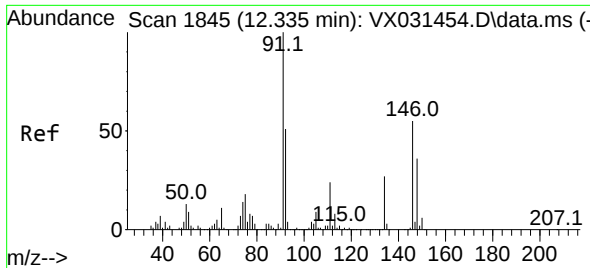
Tgt Ion:105 Resp: 67542
Ion Ratio Lower Upper
105 100
120 46.7 22.6 67.8



#85
sec-Butylbenzene
Concen: 1.039 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX031594.D
Acq: 23 Sep 2022 01:47

Tgt Ion:105 Resp: 4587
Ion Ratio Lower Upper
105 100
134 23.8 10.4 31.1

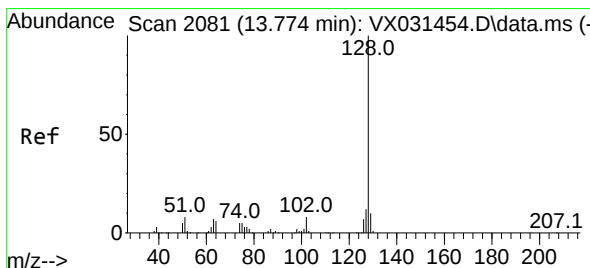
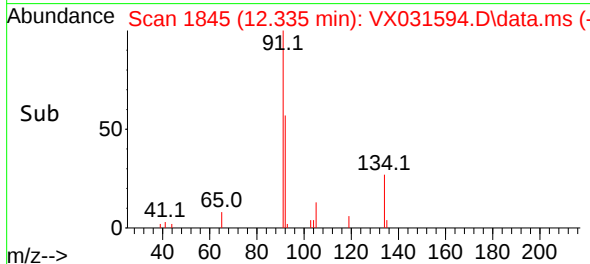
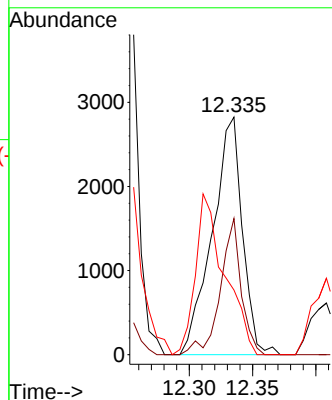
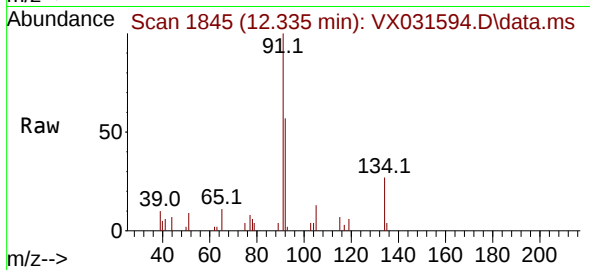




#89
n-Butylbenzene
Concen: 1.474 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031594.D
Acq: 23 Sep 2022 01:47

Instrument :
MSVOA_X
ClientSampleId :
H-1RDL

Tgt Ion: 91 Resp: 4681
Ion Ratio Lower Upper
91 100
92 39.6 27.0 81.0
134 0.0 13.3 39.9#



#95
Naphthalene
Concen: 10.368 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX031594.D
Acq: 23 Sep 2022 01:47

Tgt Ion:128 Resp: 42208
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.6 8.8 13.2

