

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
 Data File : VU051671.D
 Acq On : 01 Nov 2022 23:11
 Operator : JC/MD
 Sample : N5319-07DL 25X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAA0DL

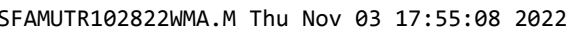
Quant Time: Nov 02 04:07:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 02 03:06:15 2022
 Response via : Initial Calibration

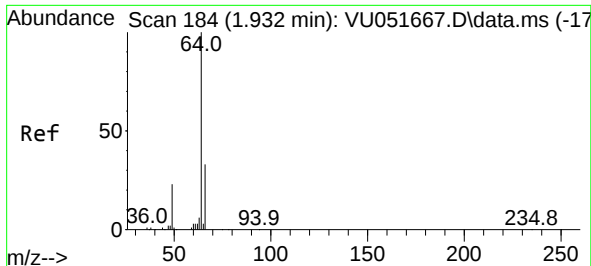
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	210959	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	208420	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	102168	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	81992	5.161	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 103.200%		
7) Chloroethane-d5	1.909	69	73816	4.455	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 89.000%		
11) 1,1-Dichloroethene-d2	2.565	65	32823	5.692	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 113.800%		
20) 2-Butanone-d5	4.620	46	194524	33.806	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	= 67.620%		
24) Chloroform-d	5.060	84	154299	4.150	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 83.000%		
26) 1,2-Dichloroethane-d4	5.700	65	78398	3.903	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 78.000%		
32) Benzene-d6	5.726	84	317505	4.827	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 96.600%		
36) 1,2-Dichloropropane-d6	6.690	67	101644	4.420	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 88.400%		
41) Toluene-d8	7.896	98	256064	4.951	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 99.000%		
43) trans-1,3-Dichloroprop...	8.179	79	30862	4.389	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 87.800%		
46) 2-Hexanone-d5	8.629	63	147409	34.822	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 69.640%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	85787	4.070	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 81.400%		
66) 1,2-Dichlorobenzene-d4	12.192	152	99647	5.314	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 106.200%		
Target Compounds						
					Qvalue	
8) Chloroethane	1.932	64	6065	0.359	ug/L #	80
30) Cyclohexane	5.388	56	6635	0.255	ug/L	96
33) Benzene	5.771	78	1632541	19.849	ug/L	100
35) Methylcyclohexane	6.761	83	6851	0.250	ug/L	94
42) Toluene	7.967	91	22128	0.262	ug/L	96
51) Chlorobenzene	9.446	112	693475	13.044	ug/L	98
52) Ethylbenzene	9.568	91	104163	1.278	ug/L	99
53) m,p-Xylene	9.690	106	241533	7.630	ug/L	99
54) o-Xylene	10.099	106	73412	2.373	ug/L	100
60) Isopropylbenzene	10.485	105	69281	0.929	ug/L #	85
62) 1,3,5-Trimethylbenzene	11.086	105	13822	0.688	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	51163	0.884	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	13942	0.374	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	6488	0.179	ug/L	93

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 02 03:06:15 2022
Response via : Initial Calibration

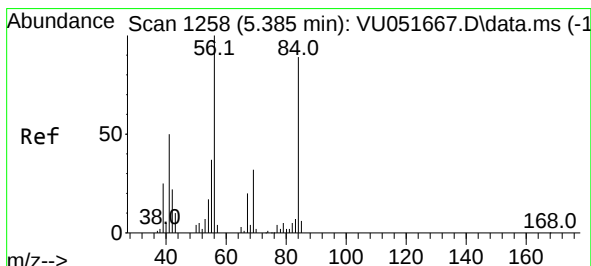
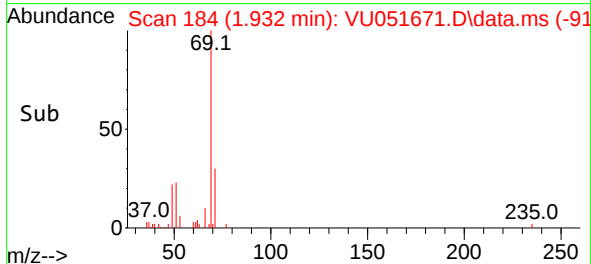
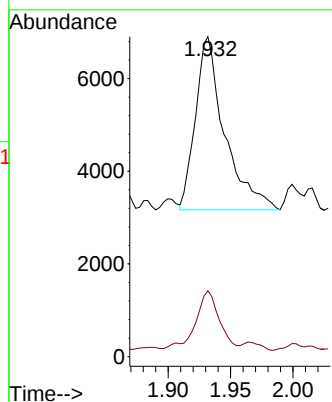
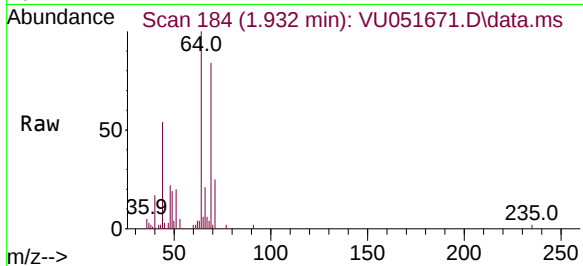




#8
Chloroethane
Concen: 0.359 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU051671.D
Acq: 01 Nov 2022 23:11

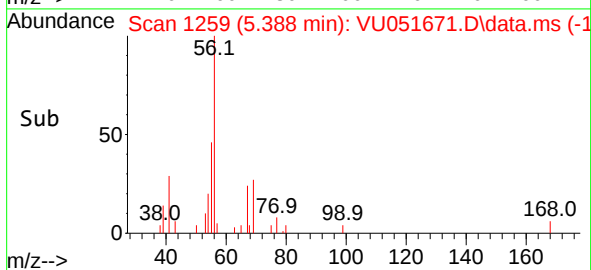
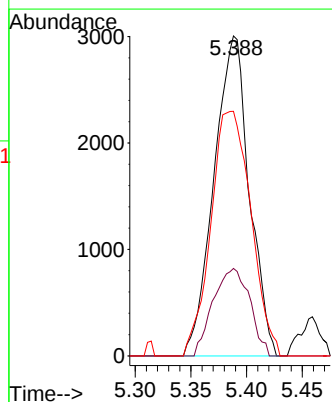
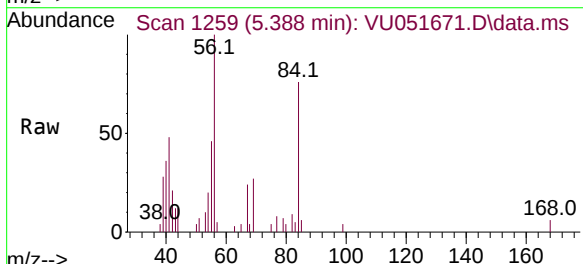
Instrument :
MSVOA_U
ClientSampleId :
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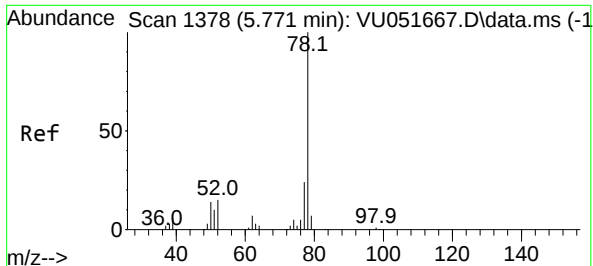
Tgt Ion: 64 Resp: 6065
Ion Ratio Lower Upper
64 100
66 20.6 22.3 41.5#



#30
Cyclohexane
Concen: 0.255 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VU051671.D
Acq: 01 Nov 2022 23:11

Tgt Ion: 56 Resp: 6635
Ion Ratio Lower Upper
56 100
69 28.3 25.4 38.0
84 86.6 71.4 107.0

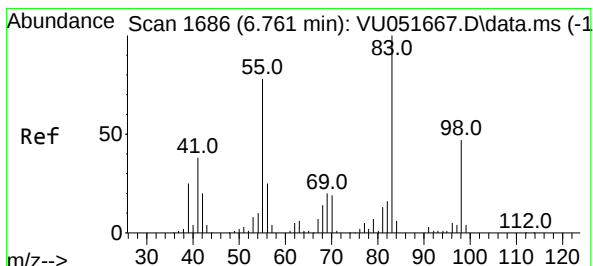
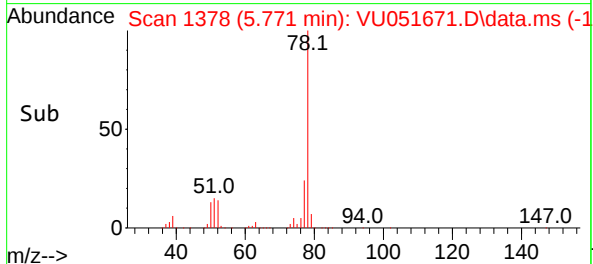
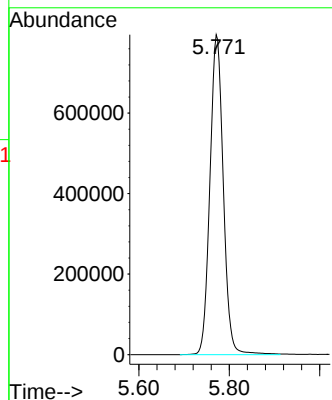
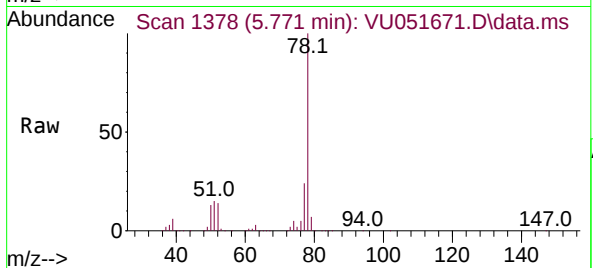




#33
Benzene
Concen: 19.849 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU051671.D
Acq: 01 Nov 2022 23:11

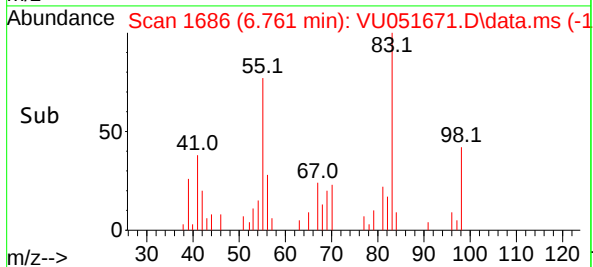
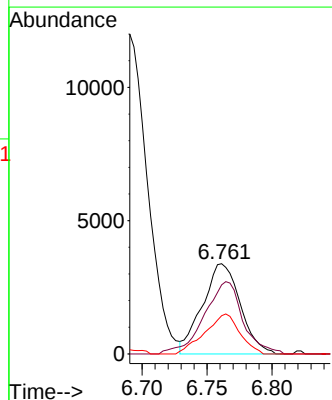
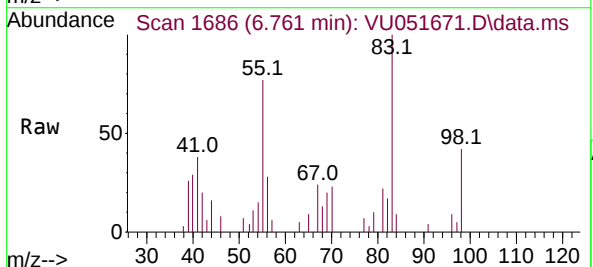
Instrument :
MSVOA_U
ClientSampleId :
BHAA0DL

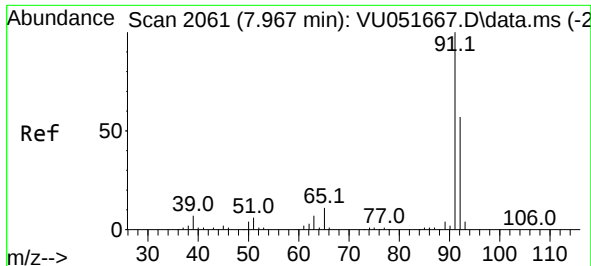
Tgt Ion: 78 Resp: 1632541



#35
Methylcyclohexane
Concen: 0.250 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU051671.D
Acq: 01 Nov 2022 23:11

Tgt Ion: 83 Resp: 6851
Ion Ratio Lower Upper
83 100
55 81.4 60.6 90.8
98 40.7 35.8 53.6





#42

Toluene

Concen: 0.262 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU051671.D

Acq: 01 Nov 2022 23:11

Instrument :

MSVOA_U

ClientSampleId :

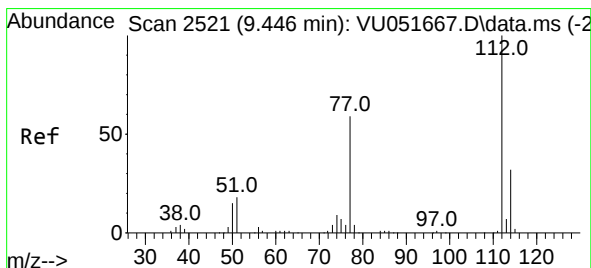
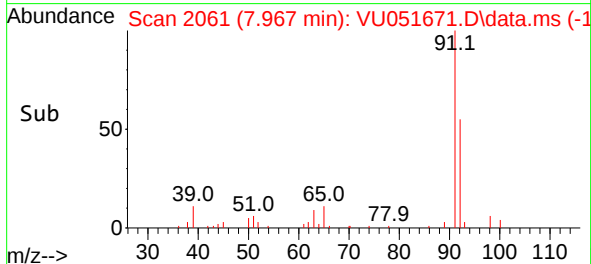
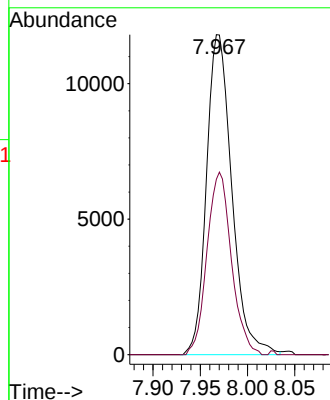
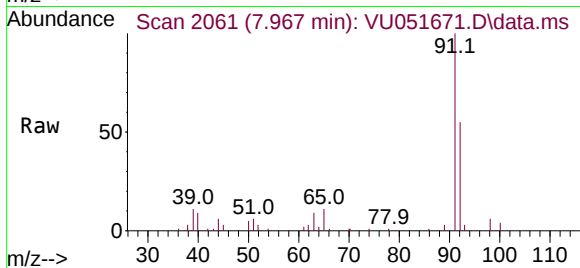
BHAA0DL

Tgt Ion: 91 Resp: 22128

Ion Ratio Lower Upper

91 100

92 54.8 40.5 75.3



#51

Chlorobenzene

Concen: 13.044 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU051671.D

Acq: 01 Nov 2022 23:11

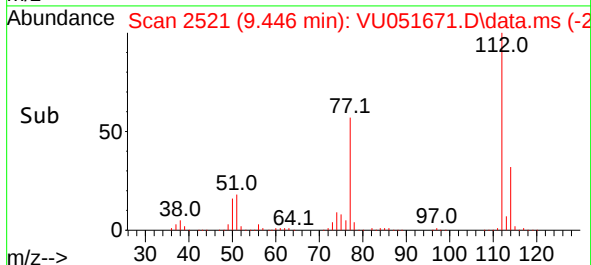
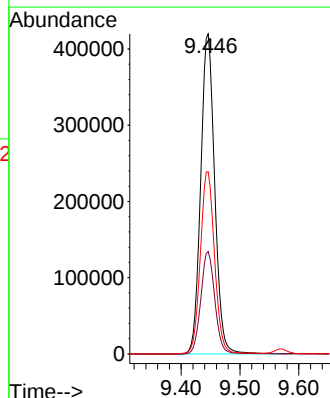
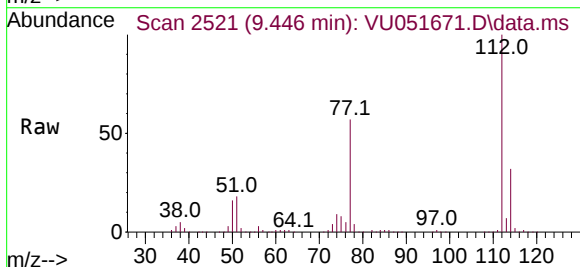
Tgt Ion: 112 Resp: 693475

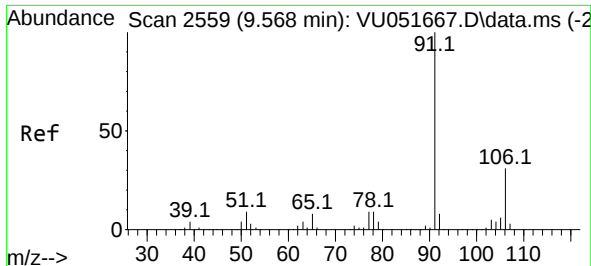
Ion Ratio Lower Upper

112 100

114 32.0 22.0 40.8

77 56.9 46.7 70.1

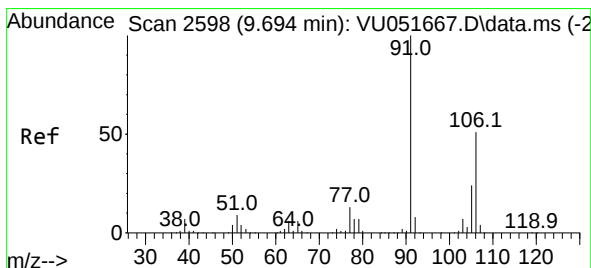
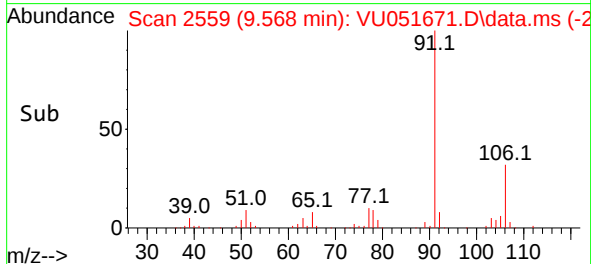
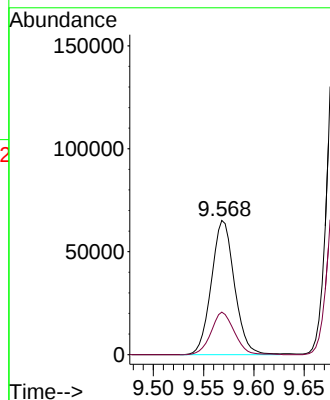
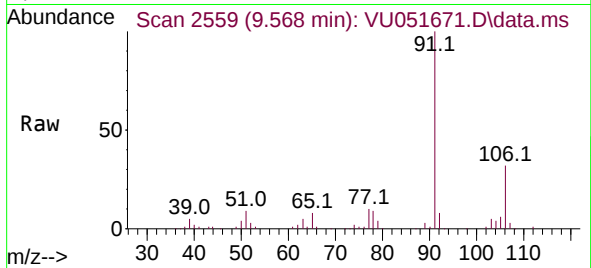




#52
Ethylbenzene
Concen: 1.278 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051671.D
Acq: 01 Nov 2022 23:11

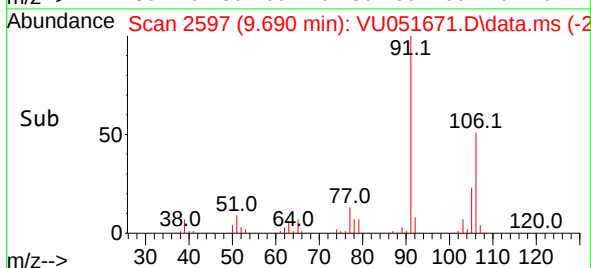
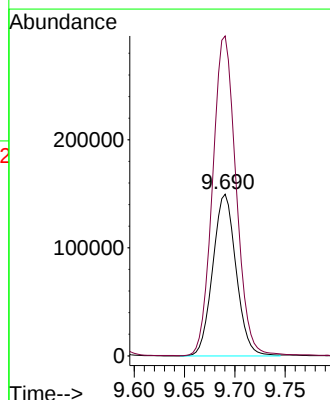
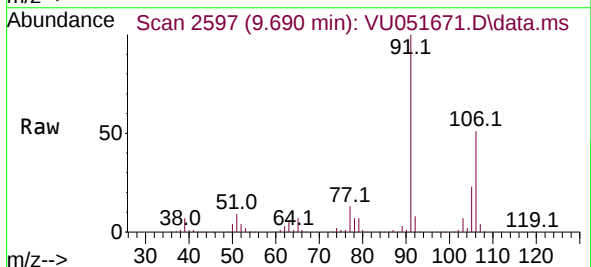
Instrument :
MSVOA_U
ClientSampleId :
BHAA0DL

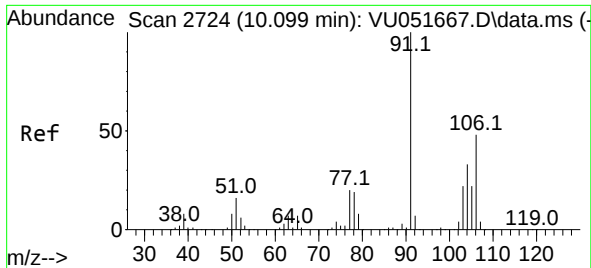
Tgt Ion: 91 Resp: 104163
Ion Ratio Lower Upper
91 100
106 31.6 21.8 40.6



#53
m,p-Xylene
Concen: 7.630 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU051671.D
Acq: 01 Nov 2022 23:11

Tgt Ion: 106 Resp: 241533
Ion Ratio Lower Upper
106 100
91 197.8 139.4 259.0

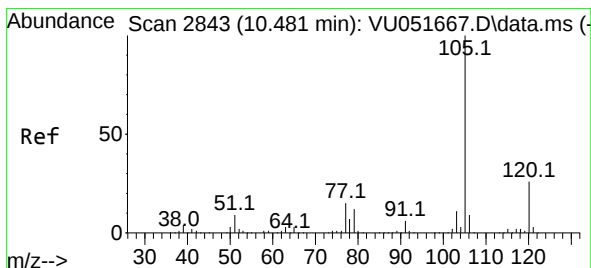
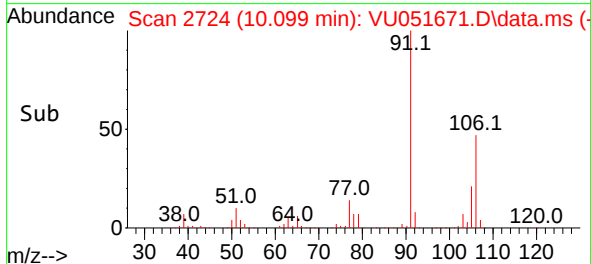
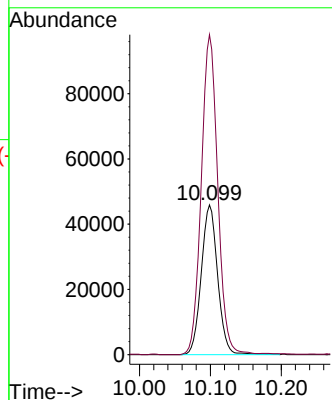
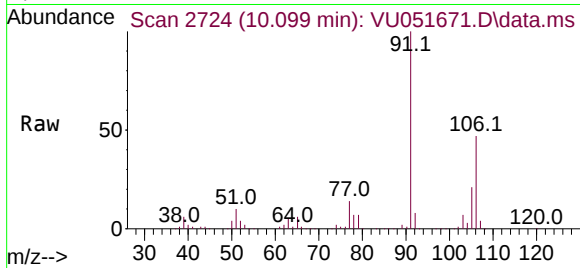




#54
o-Xylene
Concen: 2.373 ug/L
RT: 10.099 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051671.D
Acq: 01 Nov 2022 23:11

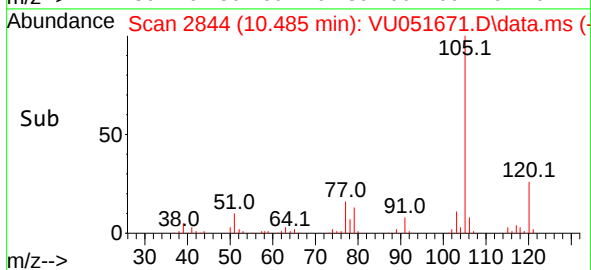
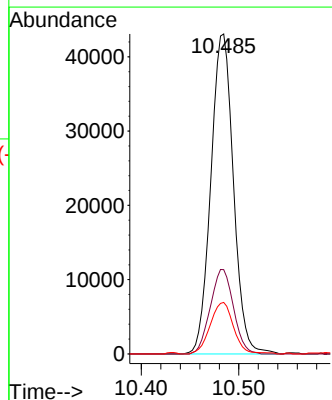
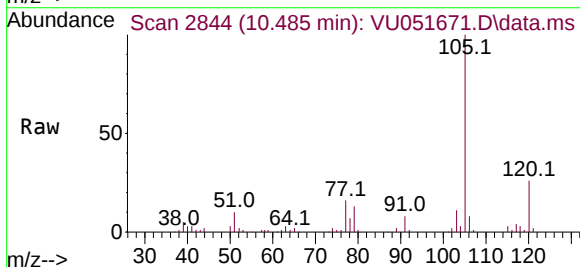
Instrument :
MSVOA_U
ClientSampleId :
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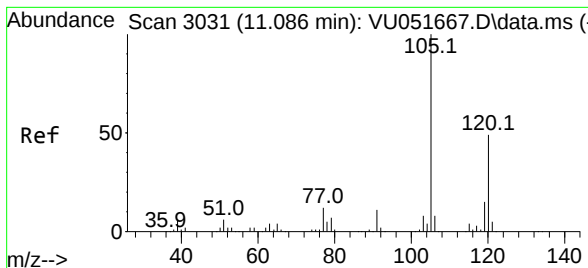
Tgt Ion:106 Resp: 73412
Ion Ratio Lower Upper
106 100
91 213.8 149.2 277.2



#60
Isopropylbenzene
Concen: 0.929 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.003 min
Lab File: VU051671.D
Acq: 01 Nov 2022 23:11

Tgt Ion:105 Resp: 69281
Ion Ratio Lower Upper
105 100
120 27.0 20.9 31.3
77 0.0 12.3 18.5#





#62

1,3,5-Trimethylbenzene

Concen: 0.688 ug/L

RT: 11.086 min Scan# 3031

Delta R.T. 0.000 min

Lab File: VU051671.D

Acq: 01 Nov 2022 23:11

Instrument :

MSVOA_U

ClientSampleId :

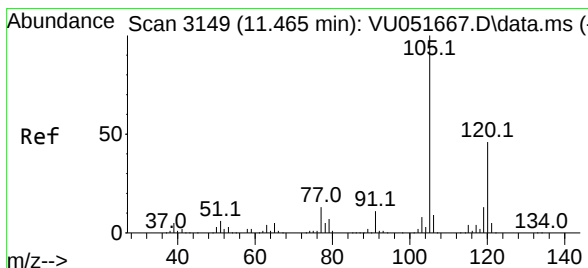
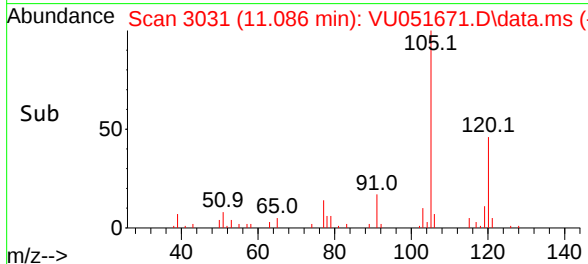
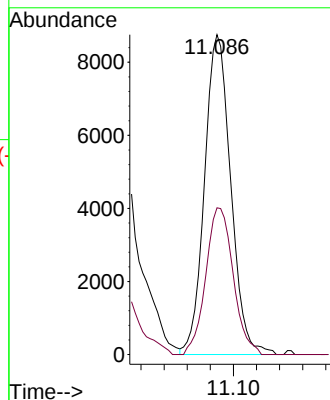
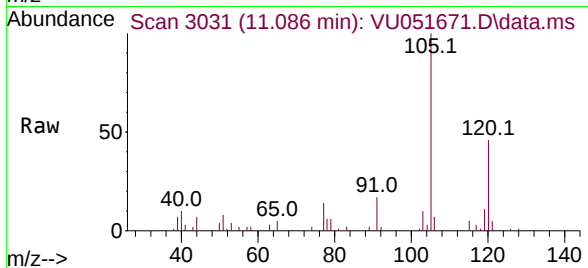
BHAA0DL

Tgt Ion:105 Resp: 13822

Ion Ratio Lower Upper

105 100

120 48.0 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 0.884 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VU051671.D

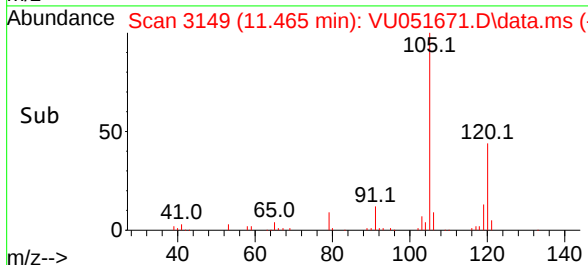
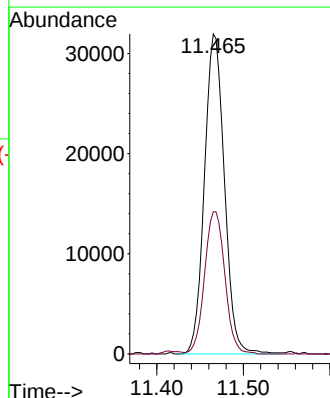
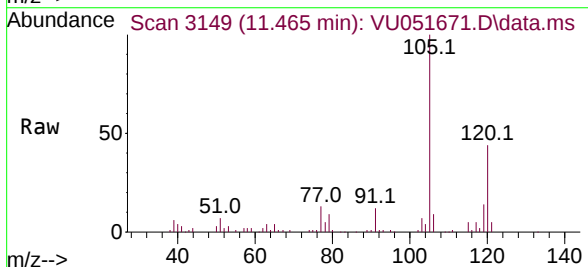
Acq: 01 Nov 2022 23:11

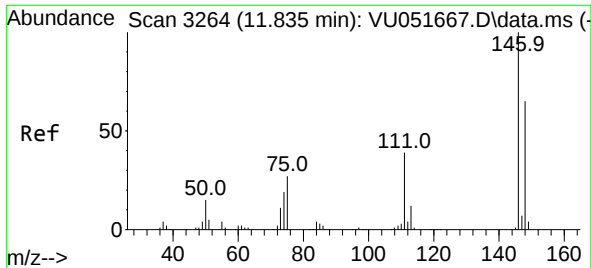
Tgt Ion:105 Resp: 51163

Ion Ratio Lower Upper

105 100

120 45.1 35.8 53.6

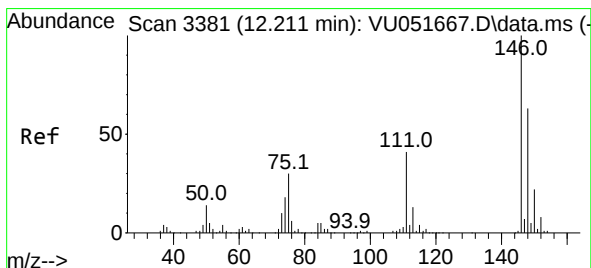
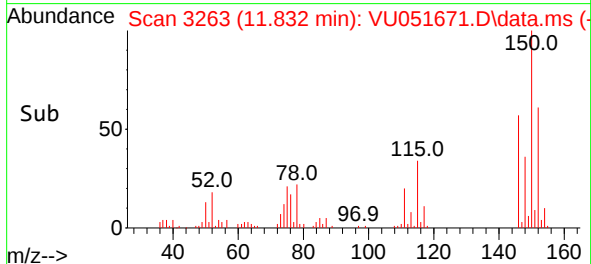
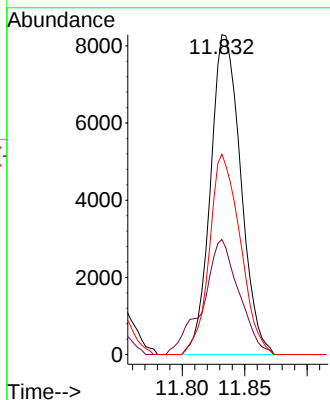
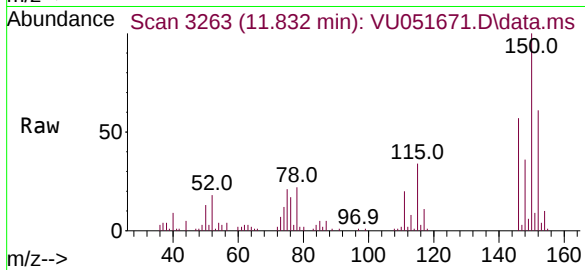




#65
1,4-Dichlorobenzene
Concen: 0.374 ug/L
RT: 11.832 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU051671.D
Acq: 01 Nov 2022 23:11

Instrument :
MSVOA_U
ClientSampleId :
BHAA0DL

Tgt Ion:146 Resp: 13942
Ion Ratio Lower Upper
146 100
111 36.0 26.7 49.5
148 62.6 43.5 80.9



#67
1,2-Dichlorobenzene
Concen: 0.179 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU051671.D
Acq: 01 Nov 2022 23:11

Tgt Ion:146 Resp: 6488
Ion Ratio Lower Upper
146 100
111 48.8 34.2 51.2
148 66.2 50.1 75.1

