

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102722\
 Data File : VU051540.D
 Acq On : 27 Oct 2022 15:26
 Operator : JC/MD
 Sample : N5270-04DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAC8DL

Quant Time: Oct 28 00:09:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 00:08:00 2022
 Response via : Initial Calibration

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

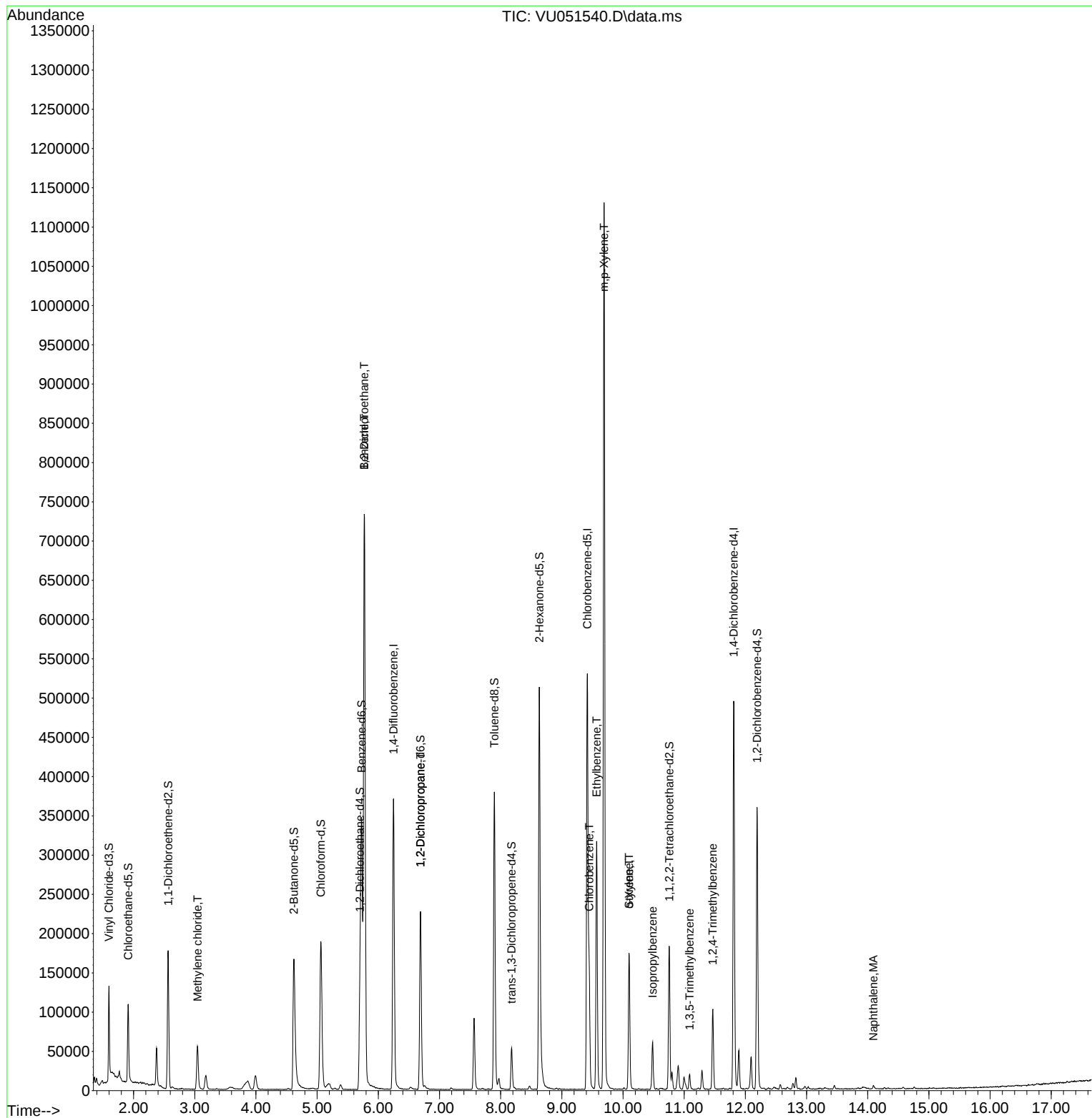
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	316791	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	309701	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	140977	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	87047	3.406	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.200%
7) Chloroethane-d5	1.913	69	83000	3.780	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.600%
11) 1,1-Dichloroethene-d2	2.565	65	32334	3.201	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.000%
20) 2-Butanone-d5	4.620	46	232074	41.250	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.500%
24) Chloroform-d	5.060	84	163295	3.428	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.600%#
26) 1,2-Dichloroethane-d4	5.700	65	89585	3.646	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.000%
32) Benzene-d6	5.726	84	343057	4.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	6.690	67	114695	3.964	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.200%
41) Toluene-d8	7.896	98	268515	3.523	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.400%
43) trans-1,3-Dichloroprop...	8.179	79	32373	3.405	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.200%
46) 2-Hexanone-d5	8.633	63	177914	55.531	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.060%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	92931	4.021	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	98358	4.014	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.044	84	29102	0.853	ug/L	93
27) 1,2-Dichloroethane	5.771	62	6348	0.202	ug/L #	74
33) Benzene	5.771	78	739663	7.154	ug/L	100
37) 1,2-Dichloropropane	6.690	63	12033	0.425	ug/L #	90
51) Chlorobenzene	9.446	112	85465	1.303	ug/L	98
52) Ethylbenzene	9.568	91	224043	2.272	ug/L	96
53) m,p-Xylene	9.690	106	330967	8.653	ug/L	98
54) o-Xylene	10.099	106	48234	1.333	ug/L	98
55) Styrene	10.099	104	3157	0.051	ug/L #	1
60) Isopropylbenzene	10.485	105	38192	0.428	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	9846	0.416	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	53082	0.792	ug/L	100
71) Naphthalene	14.092	128	4657	0.116	ug/L #	86

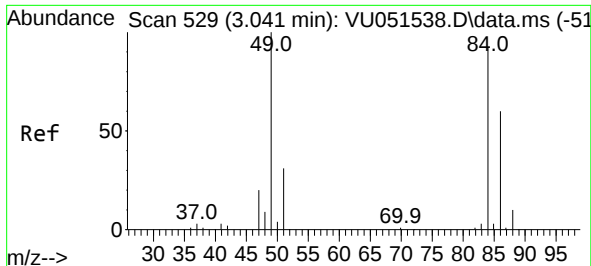
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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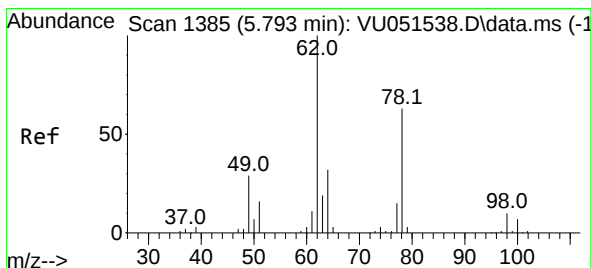
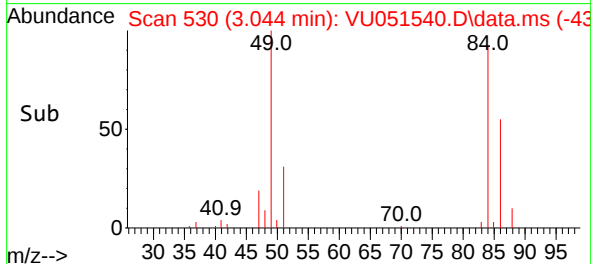
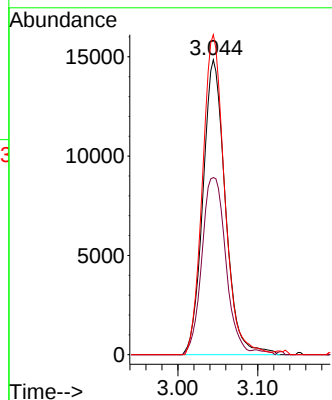
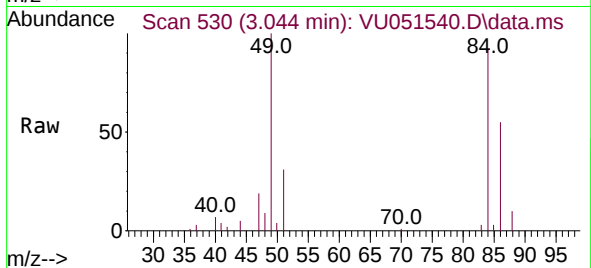




#16
Methylene chloride
Concen: 0.853 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU051540.D
Acq: 27 Oct 2022 15:26

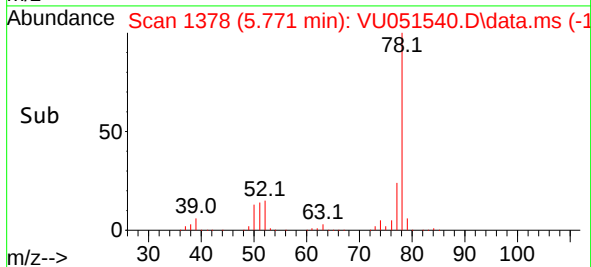
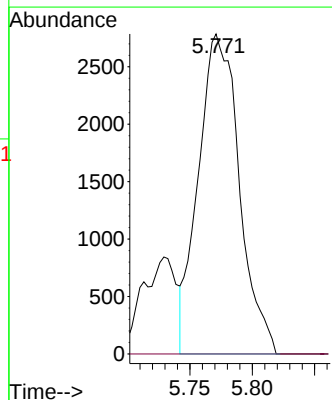
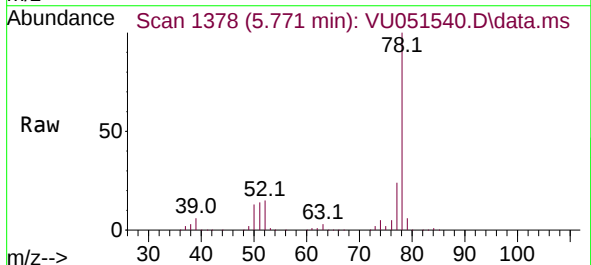
Instrument :
MSVOA_U
ClientSampleId :
BHAC8DL

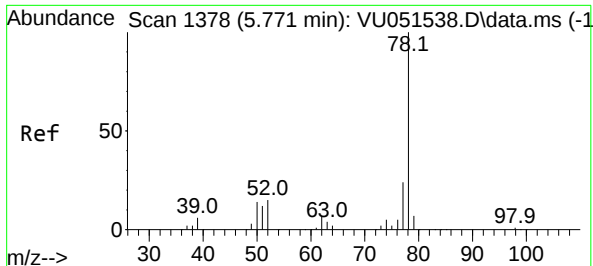
Tgt Ion: 84 Resp: 29102
Ion Ratio Lower Upper
84 100
86 60.1 46.5 86.3
49 108.5 81.3 151.1



#27
1,2-Dichloroethane
Concen: 0.202 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.022 min
Lab File: VU051540.D
Acq: 27 Oct 2022 15:26

Tgt Ion: 62 Resp: 6348
Ion Ratio Lower Upper
62 100
98 0.0 7.7 11.5#

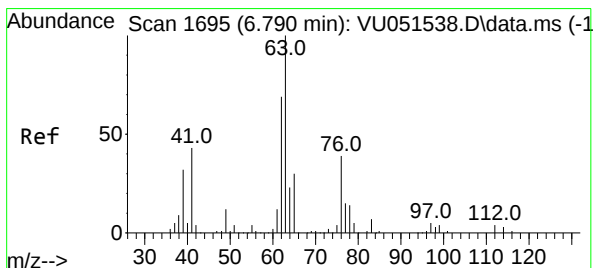
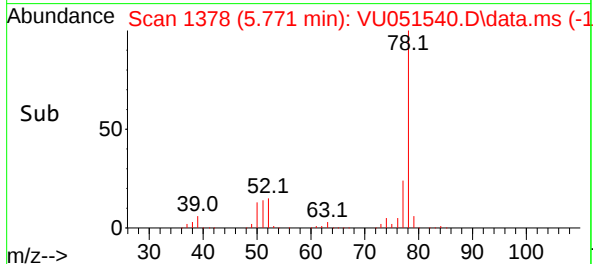
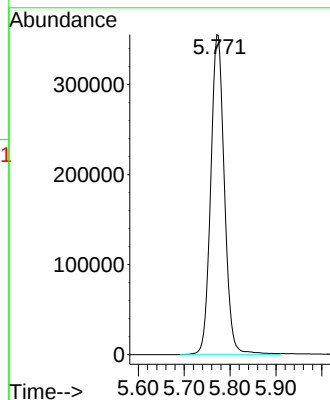
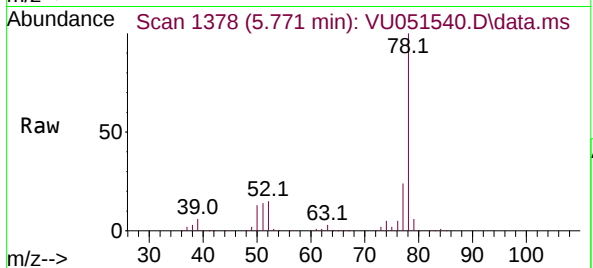




#33
Benzene
Concen: 7.154 ug/L
RT: 5.771 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051540.D
Acq: 27 Oct 2022 15:26

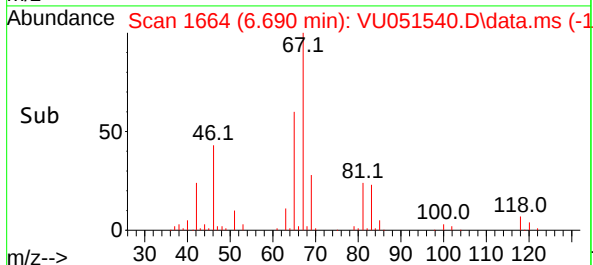
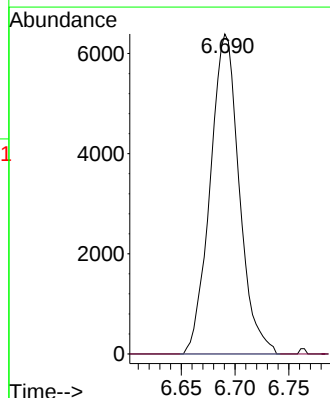
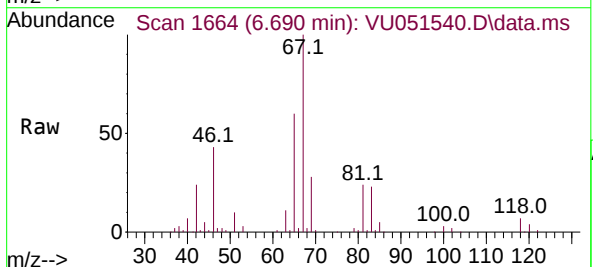
Instrument :
MSVOA_U
ClientSampleId :
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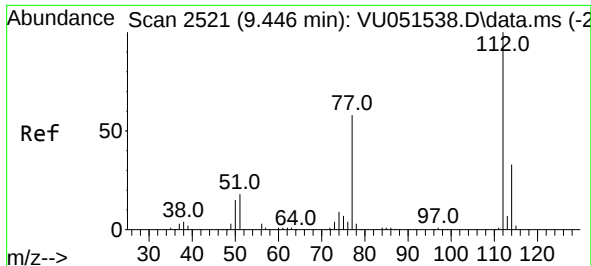
Tgt Ion: 78 Resp: 739663



#37
1,2-Dichloropropane
Concen: 0.425 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU051540.D
Acq: 27 Oct 2022 15:26

Tgt Ion: 63 Resp: 12033
Ion Ratio Lower Upper
63 100
112 0.5 3.2 4.8#

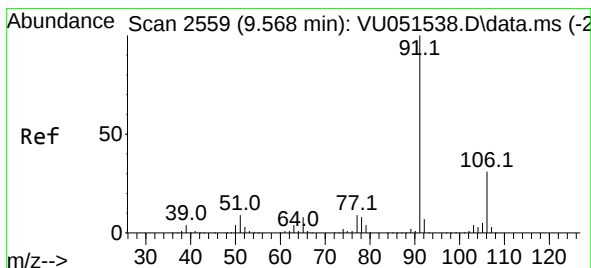
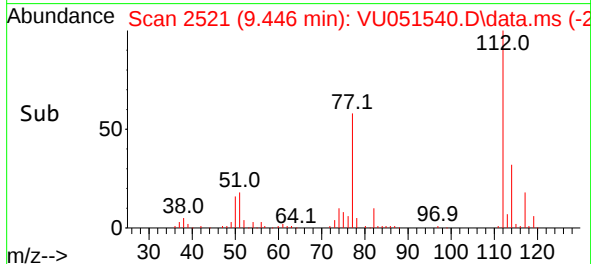
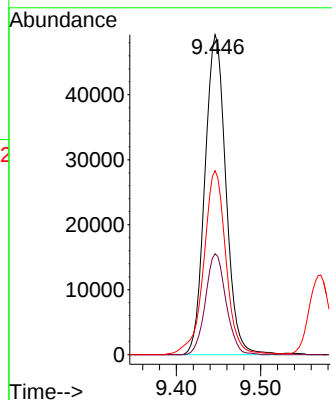
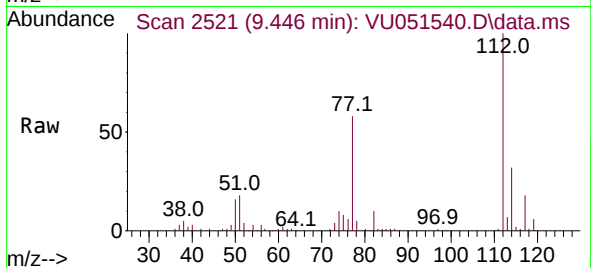




#51
Chlorobenzene
Concen: 1.303 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051540.D
Acq: 27 Oct 2022 15:26

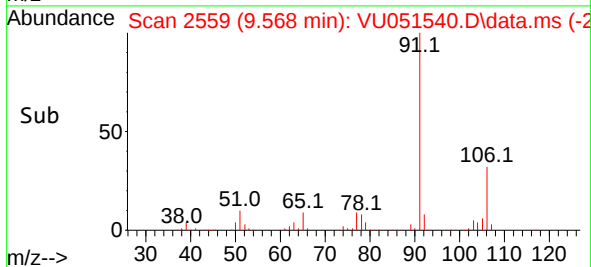
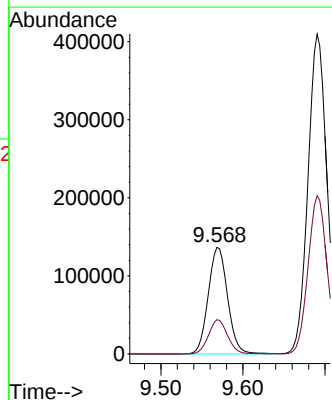
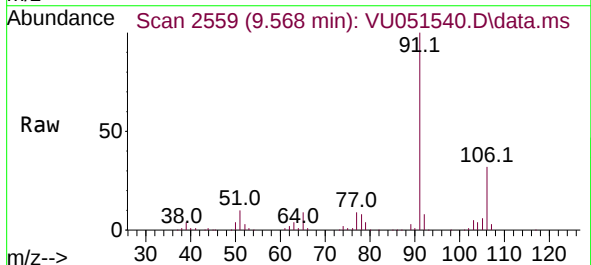
Instrument :
MSVOA_U
ClientSampleId :
BHAC8DL

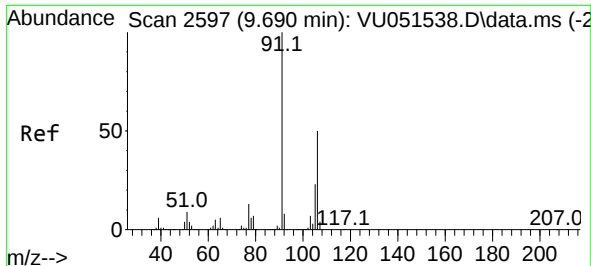
Tgt Ion:112 Resp: 85465
Ion Ratio Lower Upper
112 100
114 31.5 22.3 41.5
77 57.5 48.1 72.1



#52
Ethylbenzene
Concen: 2.272 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051540.D
Acq: 27 Oct 2022 15:26

Tgt Ion: 91 Resp: 224043
Ion Ratio Lower Upper
91 100
106 32.2 20.9 38.7

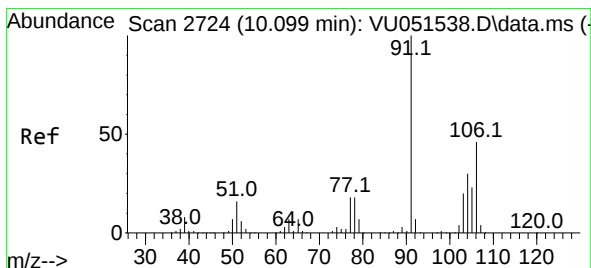
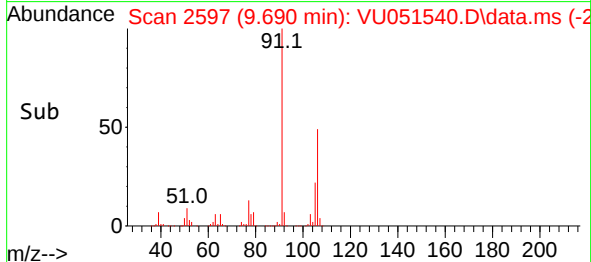
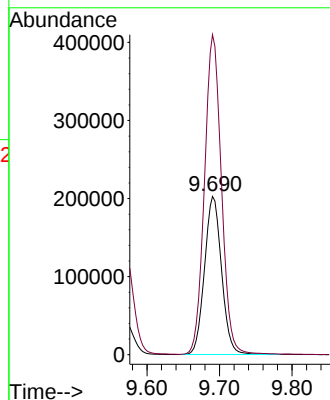
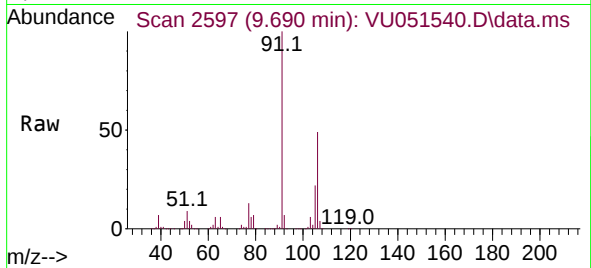




#53
m,p-Xylene
Concen: 8.653 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU051540.D
Acq: 27 Oct 2022 15:26

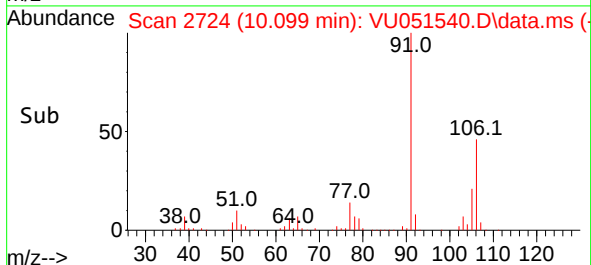
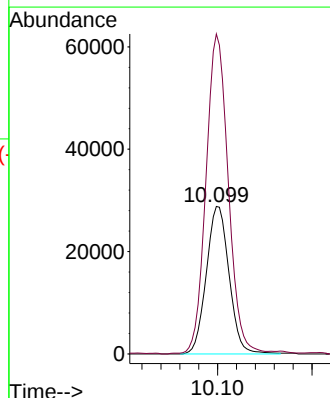
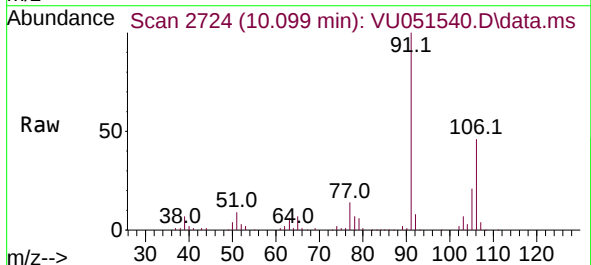
Instrument :
MSVOA_U
ClientSampleId :
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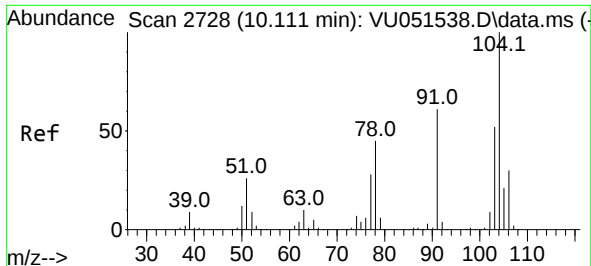
Tgt Ion:106 Resp: 330967
Ion Ratio Lower Upper
106 100
91 202.2 143.9 267.3



#54
o-Xylene
Concen: 1.333 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU051540.D
Acq: 27 Oct 2022 15:26

Tgt Ion:106 Resp: 48234
Ion Ratio Lower Upper
106 100
91 217.0 154.4 286.8

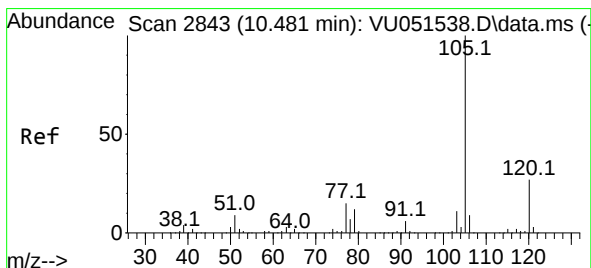
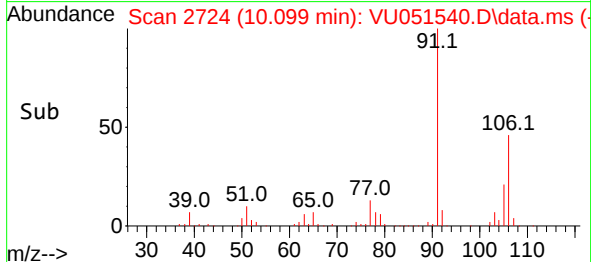
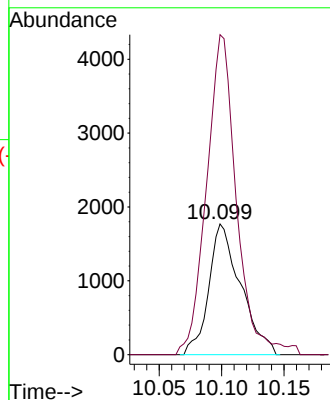
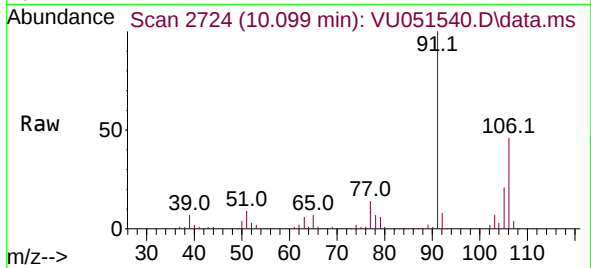




#55
Styrene
Concen: 0.051 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.013 min
Lab File: VU051540.D
Acq: 27 Oct 2022 15:26

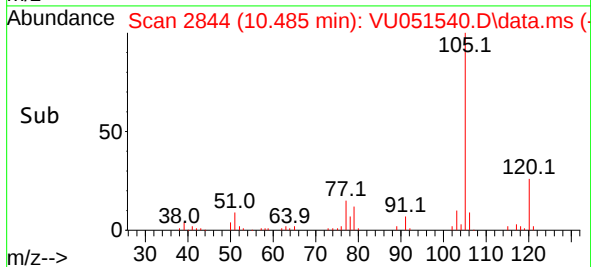
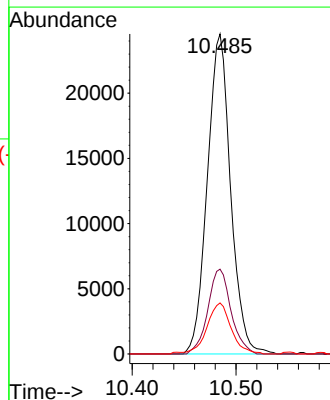
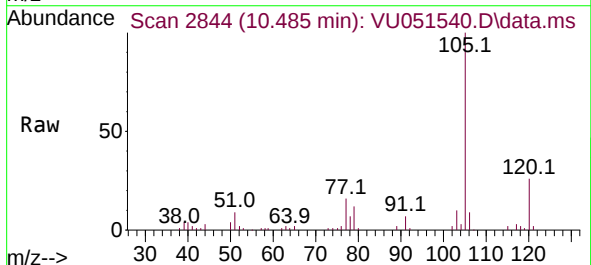
Instrument :
MSVOA_U
ClientSampleId :
BHAC8DL

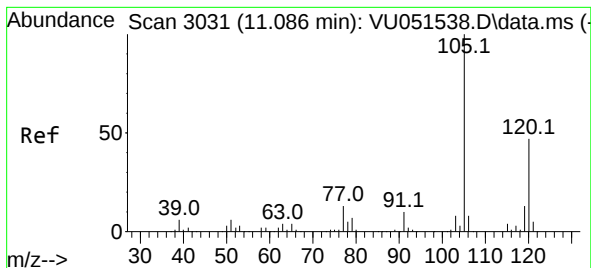
Tgt Ion:104 Resp: 3157
Ion Ratio Lower Upper
104 100
78 244.7 32.1 59.7#



#60
Isopropylbenzene
Concen: 0.428 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.003 min
Lab File: VU051540.D
Acq: 27 Oct 2022 15:26

Tgt Ion:105 Resp: 38192
Ion Ratio Lower Upper
105 100
120 26.3 20.6 30.8
77 16.7 13.5 20.3





#62

1,3,5-Trimethylbenzene

Concen: 0.416 ug/L

RT: 11.089 min Scan# 3031

Delta R.T. 0.003 min

Lab File: VU051540.D

Acq: 27 Oct 2022 15:26

Instrument :

MSVOA_U

ClientSampleId :

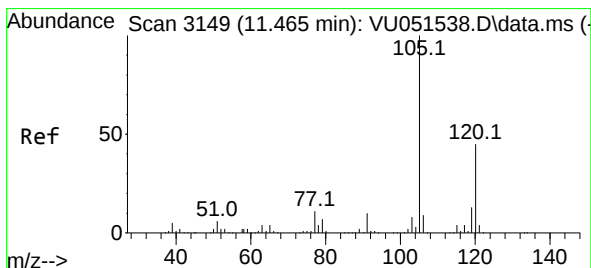
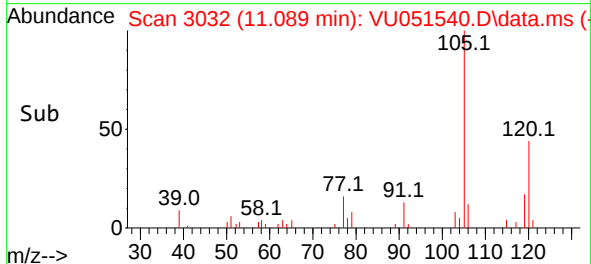
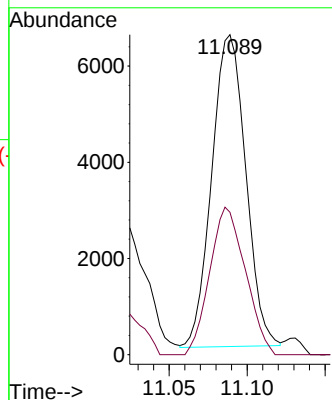
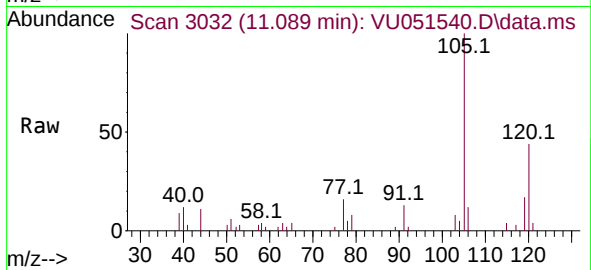
BHAC8DL

Tgt Ion:105 Resp: 9846

Ion Ratio Lower Upper

105 100

120 49.5 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 0.792 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VU051540.D

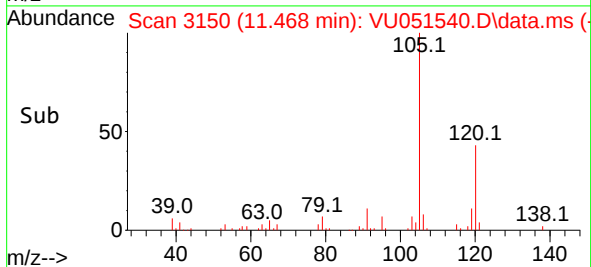
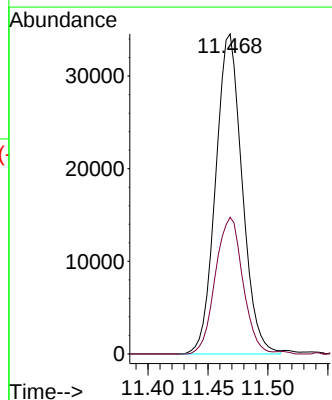
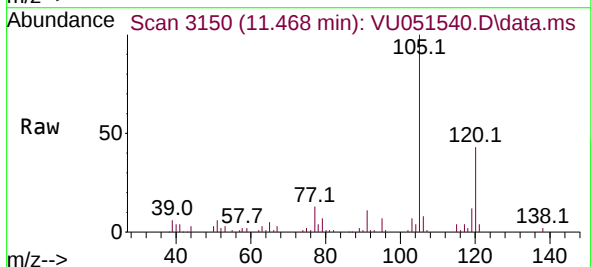
Acq: 27 Oct 2022 15:26

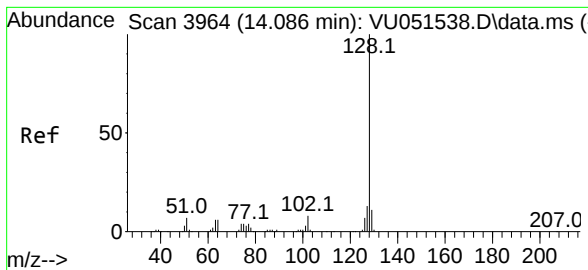
Tgt Ion:105 Resp: 53082

Ion Ratio Lower Upper

105 100

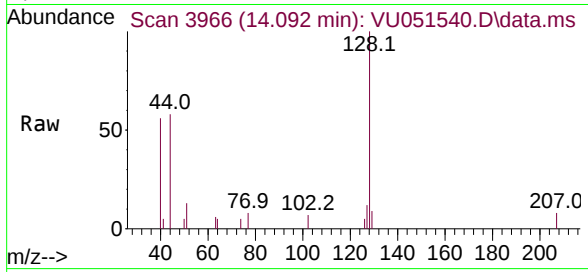
120 44.3 35.6 53.4





#71
Naphthalene
Concen: 0.116 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.007 min
Lab File: VU051540.D
Acq: 27 Oct 2022 15:26

Instrument :
MSVOA_U
ClientSampleId :
BHAC8DL



Tgt Ion:128 Resp: 4657
Ion Ratio Lower Upper
128 100
129 6.7 8.5 12.7#
127 6.8 11.1 16.7#

