

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
 Data File : VU051521.D
 Acq On : 26 Oct 2022 23:34
 Operator : JC/MD
 Sample : N5300-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAC1

Quant Time: Oct 27 08:25:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 08:11:03 2022
 Response via : Initial Calibration

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

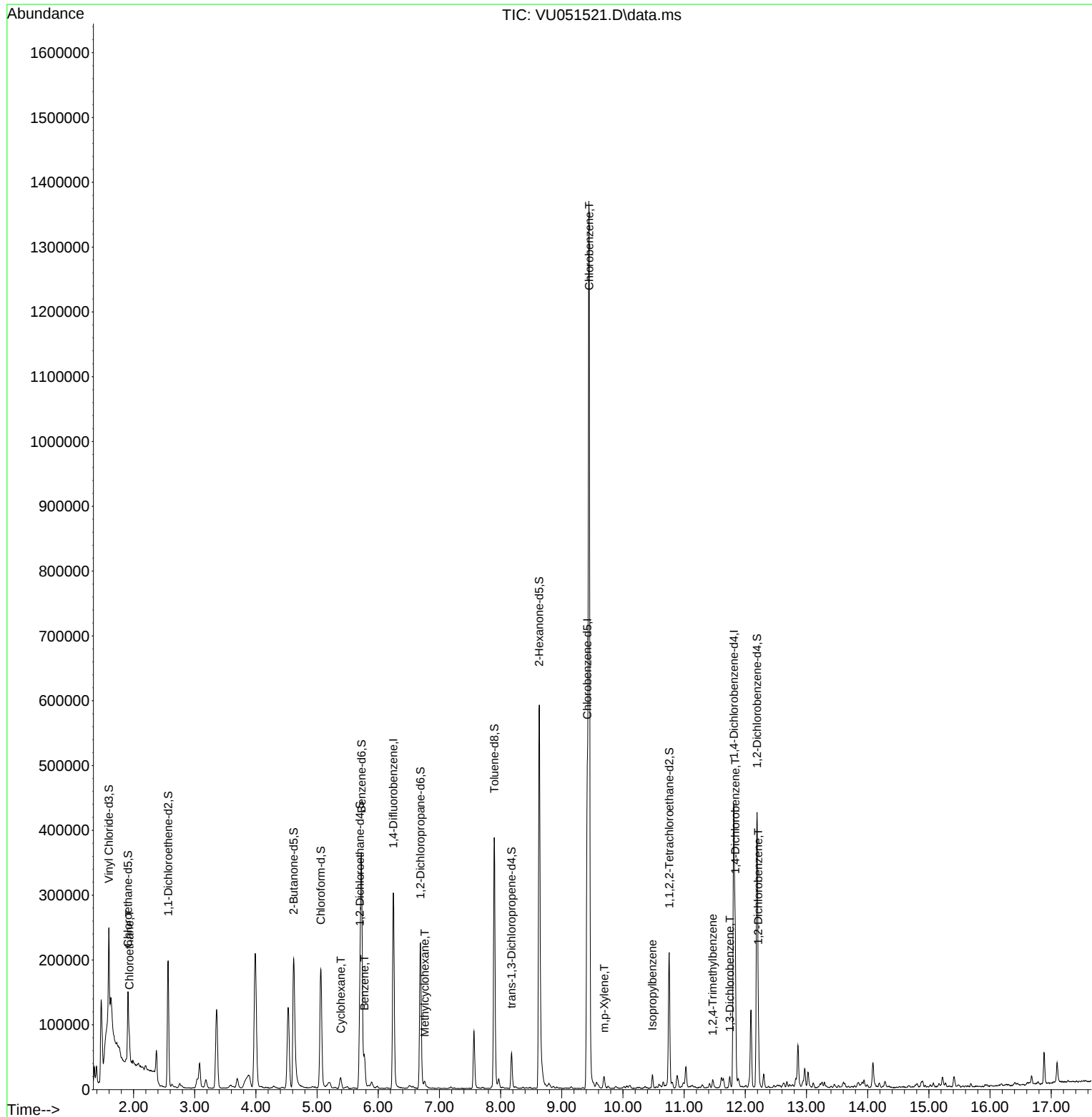
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	252205	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	256106	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	116198	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	100928	4.961	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.200%
7) Chloroethane-d5	1.909	69	88792	5.080	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.565	65	37794	4.700	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.000%
20) 2-Butanone-d5	4.617	46	282306	63.028	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.060%
24) Chloroform-d	5.060	84	171065	4.510	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.700	65	94015	4.807	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.726	84	350987	4.982	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.690	67	115823	4.841	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.896	98	271521	4.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.179	79	31858	4.053	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.629	63	199893	75.447	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	150.900%#
56) 1,1,2,2-Tetrachloroeth...	10.755	84	103756	5.428	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	104192	5.159	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
8) Chloroethane	1.932	64	22514	1.246	ug/L #	73
30) Cyclohexane	5.385	56	7391	0.284	ug/L	98
33) Benzene	5.774	78	49914	0.584	ug/L	100
35) Methylcyclohexane	6.758	83	3913	0.145	ug/L	86
51) Chlorobenzene	9.446	112	757297	13.966	ug/L	99
53) m,p-Xylene	9.694	106	2954	0.093	ug/L	87
60) Isopropylbenzene	10.481	105	12576	0.171	ug/L #	84
63) 1,2,4-Trimethylbenzene	11.465	105	5844	0.106	ug/L	96
64) 1,3-Dichlorobenzene	11.748	146	6795	0.187	ug/L	95
65) 1,4-Dichlorobenzene	11.835	146	94005	2.620	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	29849	0.843	ug/L	98

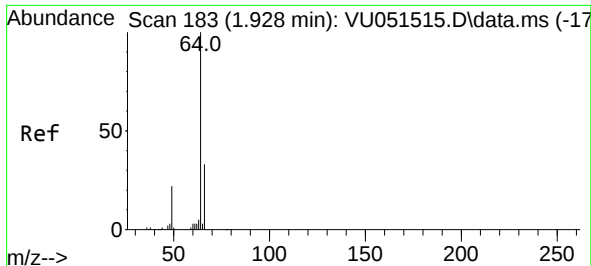
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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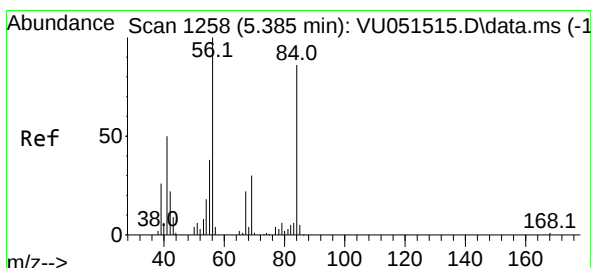
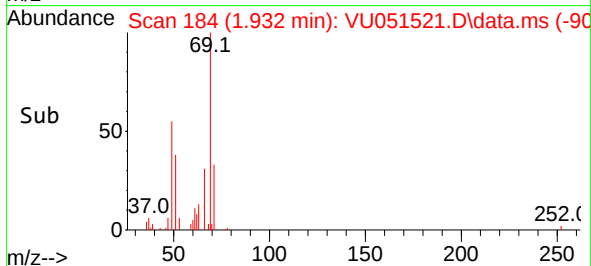
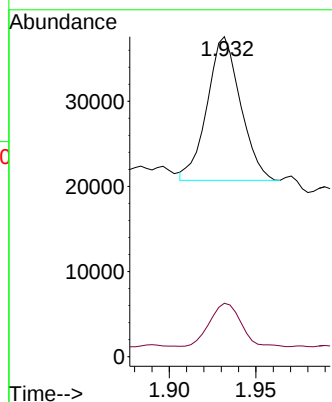
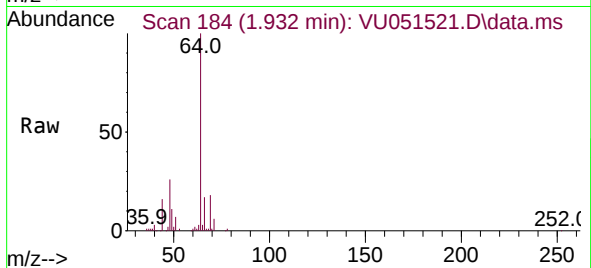




#8
Chloroethane
Concen: 1.246 ug/L
RT: 1.932 min Scan# 183
Delta R.T. 0.003 min
Lab File: VU051521.D
Acq: 26 Oct 2022 23:34

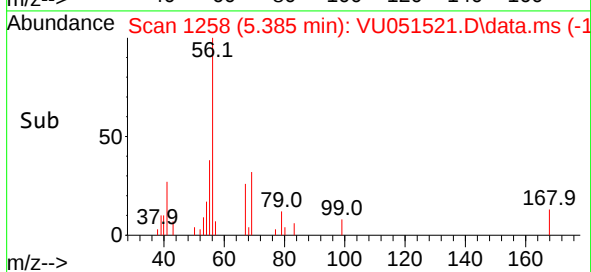
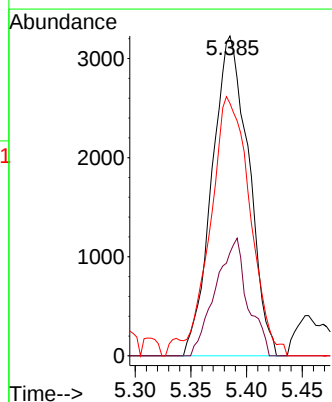
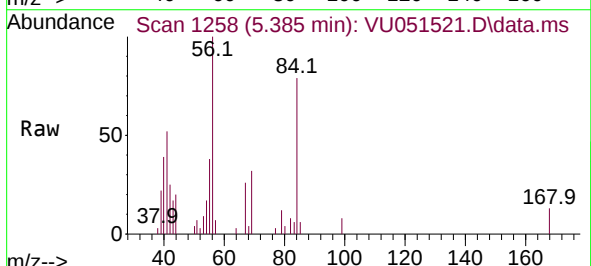
Instrument :
MSVOA_U
ClientSampleId :
BHAC1

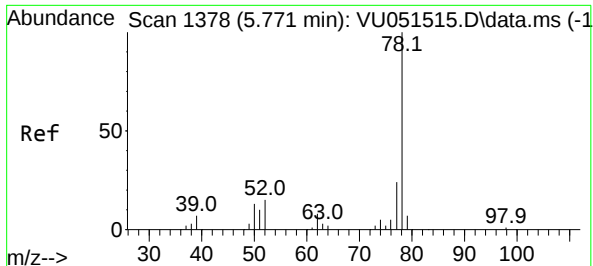
Tgt Ion: 64 Resp: 22514
Ion Ratio Lower Upper
64 100
66 16.7 22.3 41.3#



#30
Cyclohexane
Concen: 0.284 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VU051521.D
Acq: 26 Oct 2022 23:34

Tgt Ion: 56 Resp: 7391
Ion Ratio Lower Upper
56 100
69 32.2 25.1 37.7
84 86.4 70.9 106.3

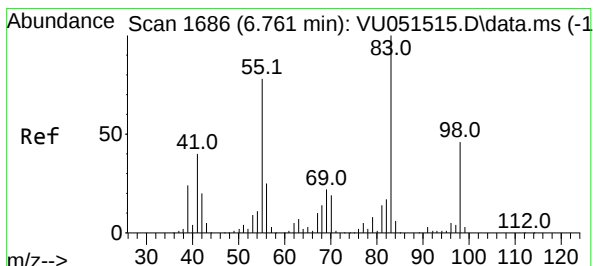
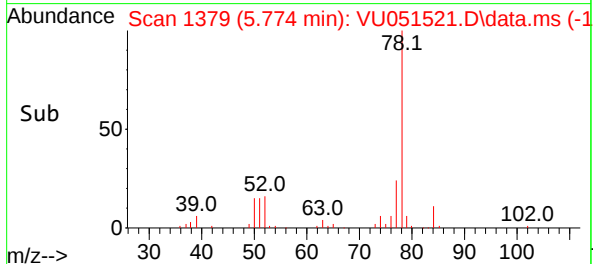
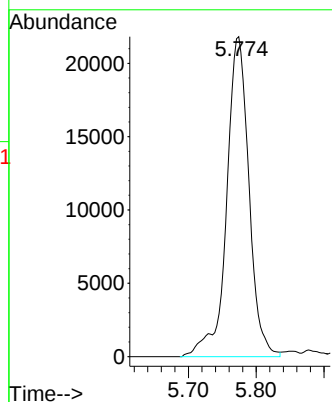
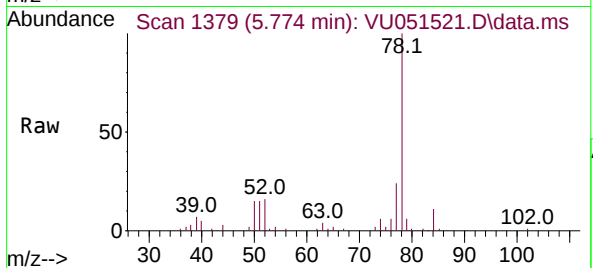




#33
Benzene
Concen: 0.584 ug/L
RT: 5.774 min Scan# 1378
Delta R.T. 0.003 min
Lab File: VU051521.D
Acq: 26 Oct 2022 23:34

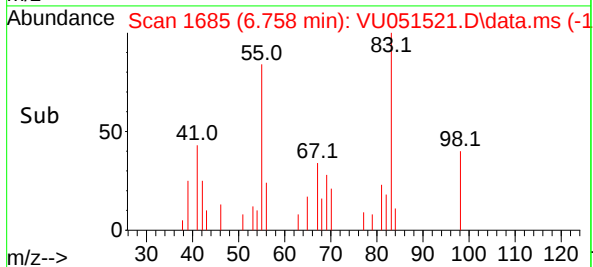
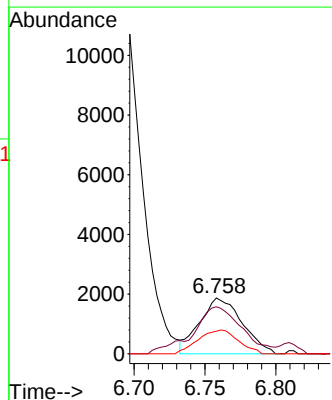
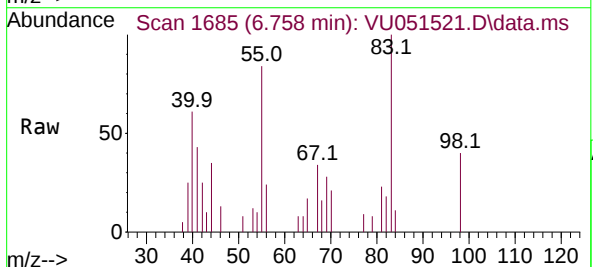
Instrument :
MSVOA_U
ClientSampleId :
BHAC1

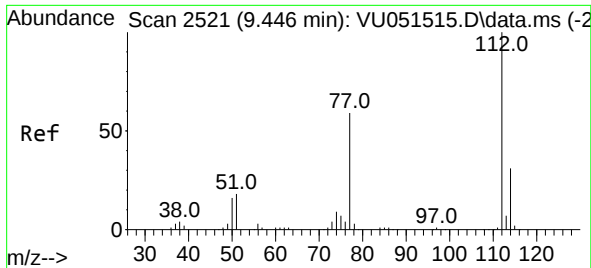
Tgt Ion: 78 Resp: 49914



#35
Methylcyclohexane
Concen: 0.145 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.003 min
Lab File: VU051521.D
Acq: 26 Oct 2022 23:34

Tgt Ion: 83 Resp: 3913
Ion Ratio Lower Upper
83 100
55 97.5 65.8 98.6
98 40.1 35.9 53.9

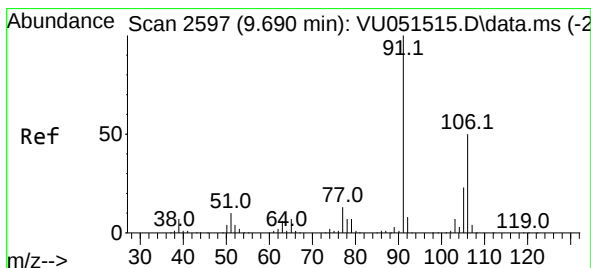
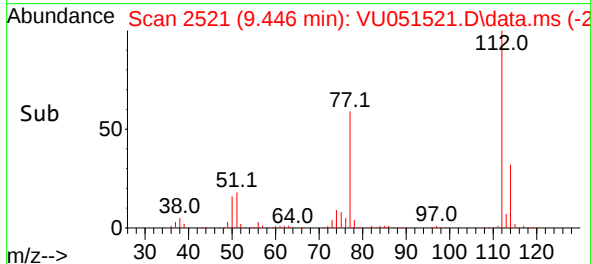
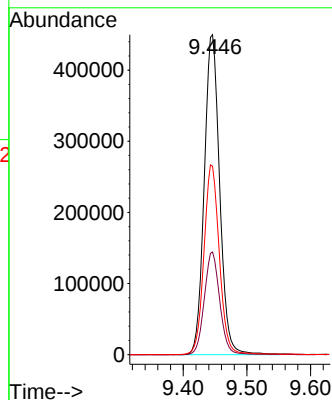
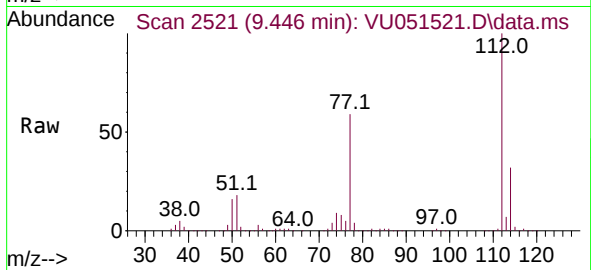




#51
Chlorobenzene
Concen: 13.966 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051521.D
Acq: 26 Oct 2022 23:34

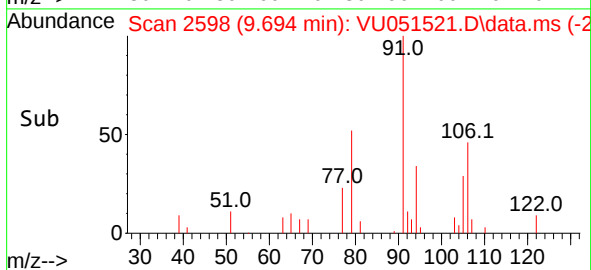
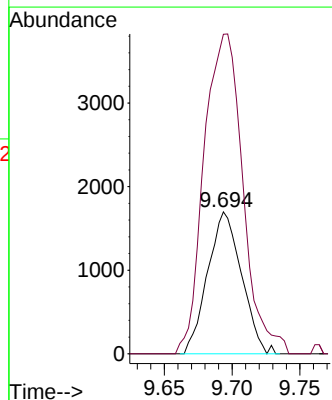
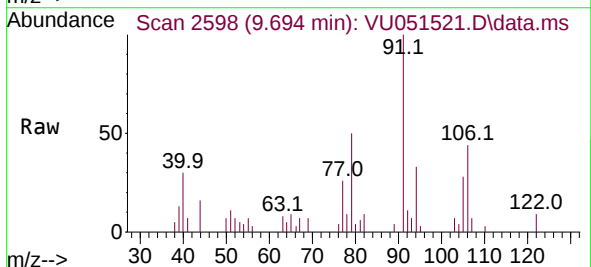
Instrument :
MSVOA_U
ClientSampleId :
BHAC1

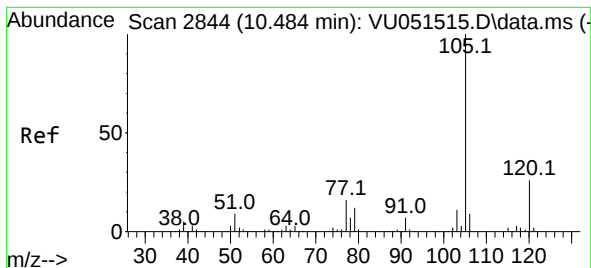
Tgt Ion:112 Resp: 757297
Ion Ratio Lower Upper
112 100
114 32.1 22.3 41.5
77 58.9 48.1 72.1



#53
m,p-Xylene
Concen: 0.093 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU051521.D
Acq: 26 Oct 2022 23:34

Tgt Ion:106 Resp: 2954
Ion Ratio Lower Upper
106 100
91 225.1 143.9 267.3





#60

Isopropylbenzene

Concen: 0.171 ug/L

RT: 10.481 min Scan# 2844

Delta R.T. -0.003 min

Lab File: VU051521.D

Acq: 26 Oct 2022 23:34

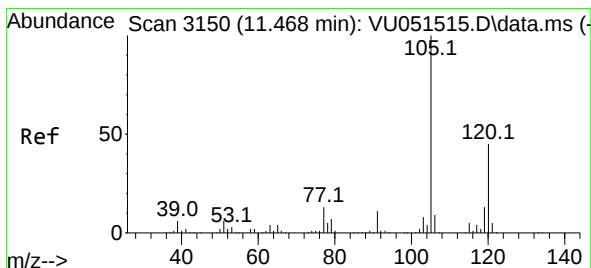
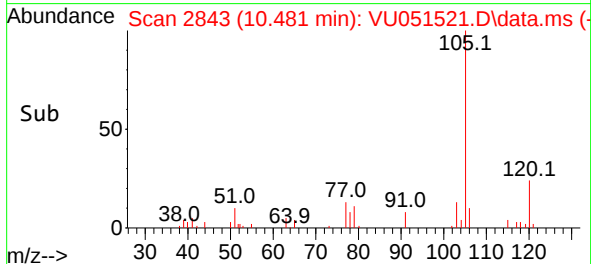
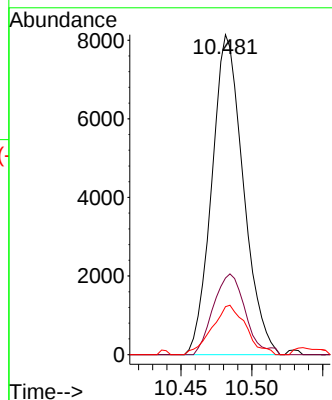
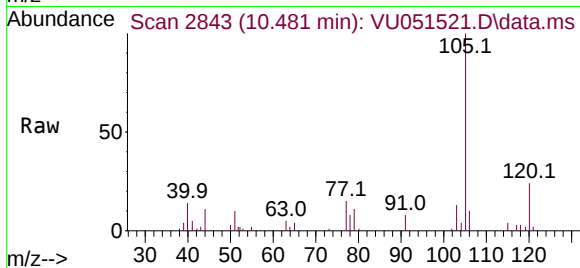
Instrument :

MSVOA_U

ClientSampleId :

BHAC1

Tgt Ion:	105	Resp:	12576
Ion Ratio	Lower	Upper	
105	100		
120	25.6	20.6	30.8
77	0.0	13.5	20.3#



#63

1,2,4-Trimethylbenzene

Concen: 0.106 ug/L

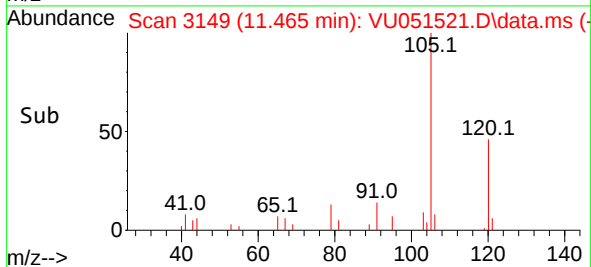
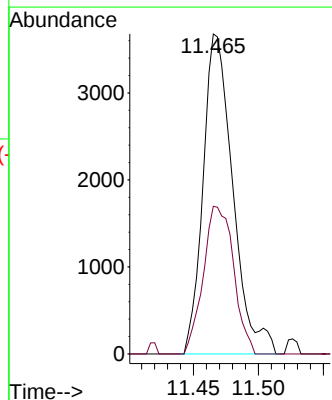
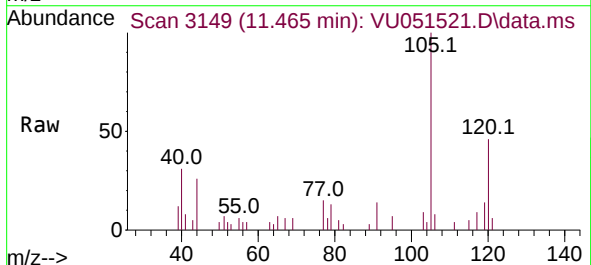
RT: 11.465 min Scan# 3149

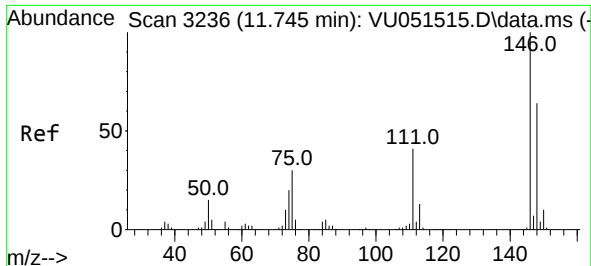
Delta R.T. -0.003 min

Lab File: VU051521.D

Acq: 26 Oct 2022 23:34

Tgt Ion:	105	Resp:	5844
Ion Ratio	Lower	Upper	
105	100		
120	47.0	35.6	53.4

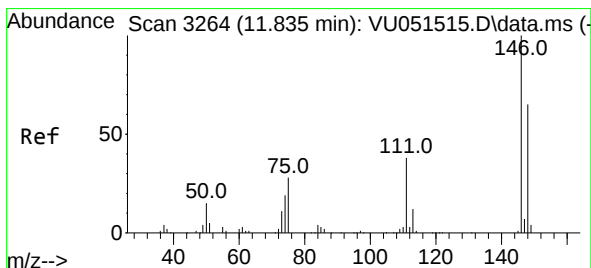
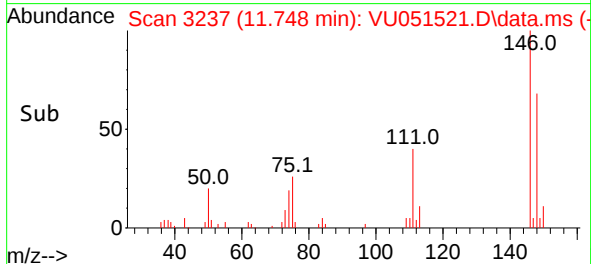
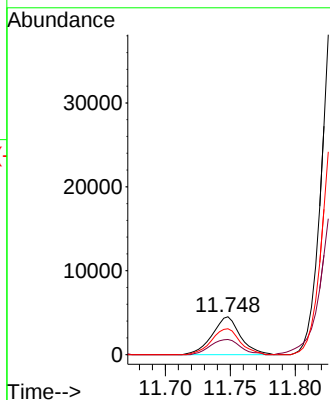
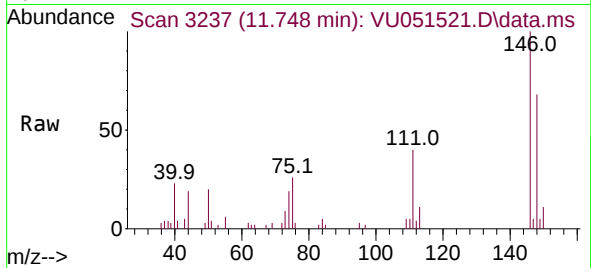




#64
1,3-Dichlorobenzene
Concen: 0.187 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU051521.D
Acq: 26 Oct 2022 23:34

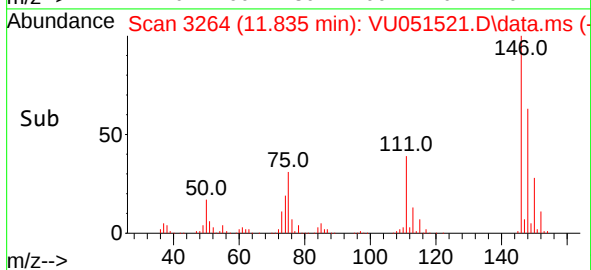
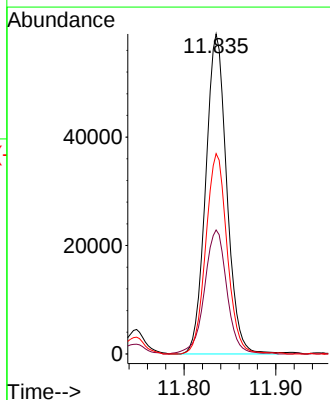
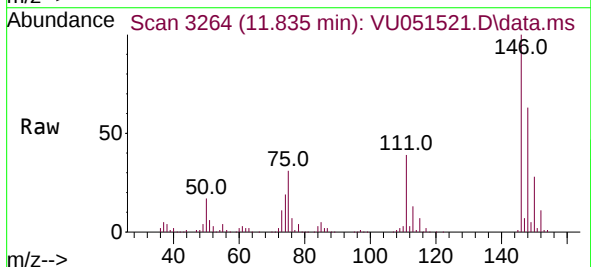
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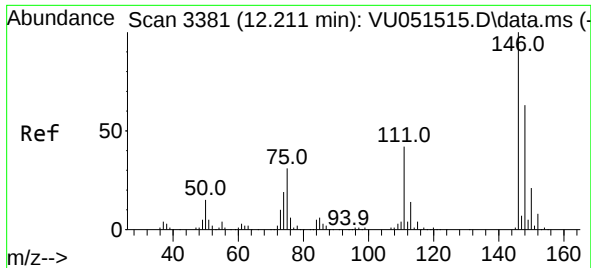
Tgt Ion:146 Resp: 6795
Ion Ratio Lower Upper
146 100
111 39.7 28.3 52.7
148 68.4 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 2.620 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051521.D
Acq: 26 Oct 2022 23:34

Tgt Ion:146 Resp: 94005
Ion Ratio Lower Upper
146 100
111 38.7 29.1 54.1
148 62.6 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 0.843 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU051521.D

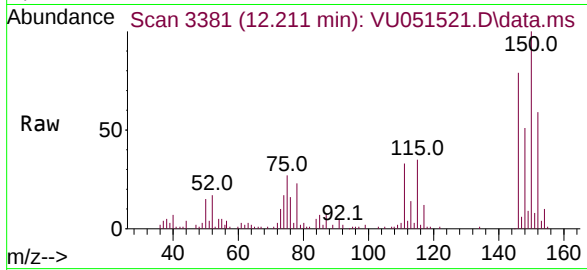
Acq: 26 Oct 2022 23:34

Instrument :

MSVOA_U

ClientSampleId :

BHAC1



Tgt Ion:146 Resp: 29849

Ion Ratio Lower Upper

146 100

111 41.6 35.5 53.3

148 64.3 50.9 76.3

