

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
 Data File : VU053398.D
 Acq On : 24 Mar 2023 18:24
 Operator : JC/MD
 Sample : 02041-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CB954

Quant Time: Mar 25 00:41:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 25 00:39:08 2023
 Response via : Initial Calibration

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

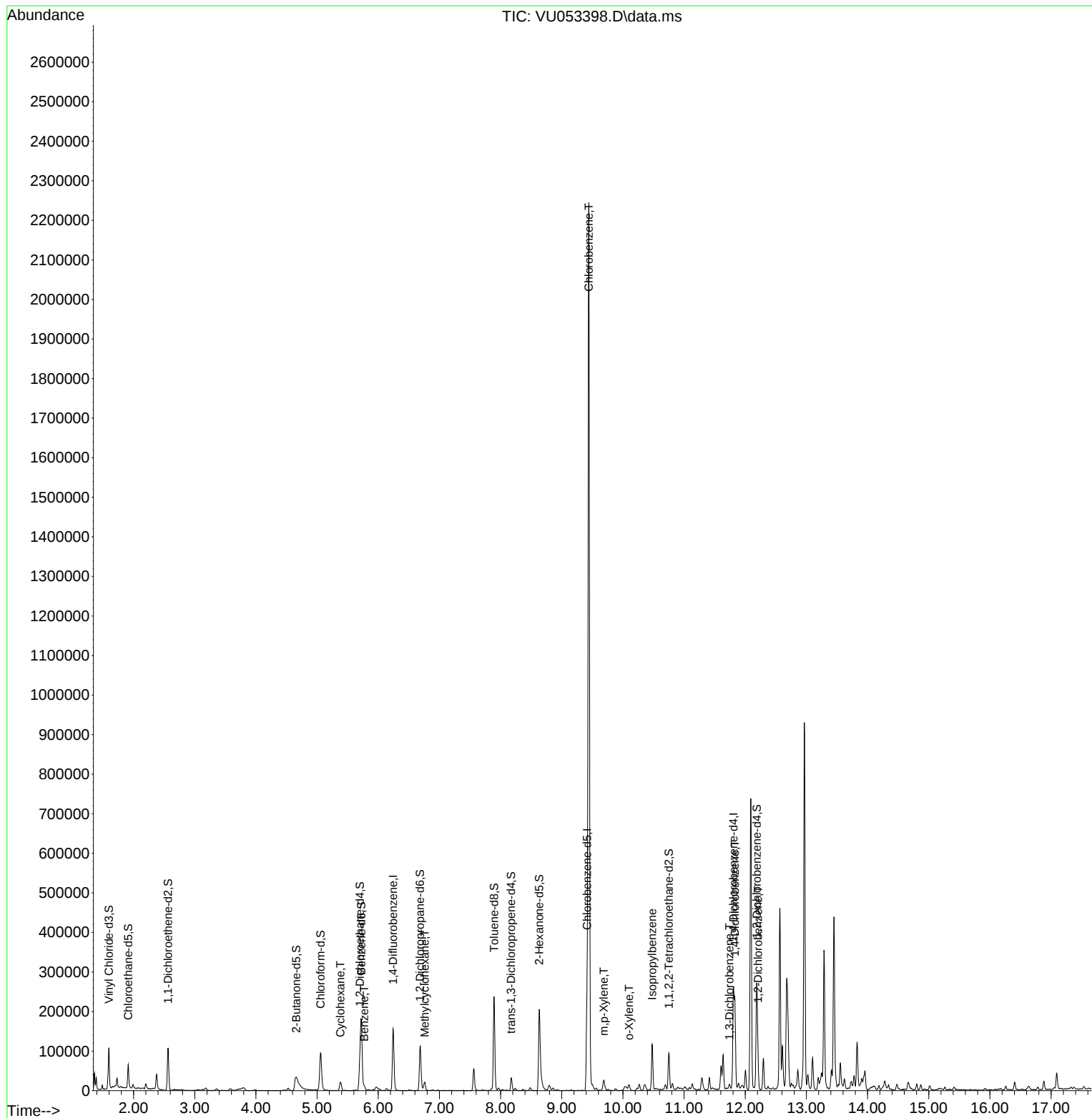
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	130181	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	123081	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	62610	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	45861	5.121	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.400%
7) Chloroethane-d5	1.912	69	41447	5.099	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.000%
11) 1,1-Dichloroethene-d2	2.565	65	19262	5.049	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.000%
20) 2-Butanone-d5	4.661	46	75415	36.759	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.520%
24) Chloroform-d	5.057	84	85483	5.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.700	65	43448	5.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.723	84	175837	5.041	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	6.684	67	55388	5.211	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.200%
41) Toluene-d8	7.893	98	162675	4.943	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
43) trans-1,3-Dichloroprop...	8.173	79	18228	4.469	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.632	63	81942	49.461	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.920%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	44582	5.039	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	62218	5.524	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.400%
Target Compounds						
					Qvalue	
30) Cyclohexane	5.382	56	10775	0.832	ug/L	97
33) Benzene	5.771	78	9673	0.293	ug/L	100
35) Methylcyclohexane	6.761	83	9244	0.613	ug/L	89
51) Chlorobenzene	9.443	112	1213700	53.400	ug/L	100
53) m,p-Xylene	9.687	106	3732	0.249	ug/L	97
54) o-Xylene	10.099	106	3974	0.280	ug/L	96
60) Isopropylbenzene	10.478	105	75235	1.978	ug/L #	85
64) 1,3-Dichlorobenzene	11.742	146	4005	0.240	ug/L	83
65) 1,4-Dichlorobenzene	11.832	146	78647	4.685	ug/L	95
67) 1,2-Dichlorobenzene	12.208	146	7328	0.462	ug/L #	85

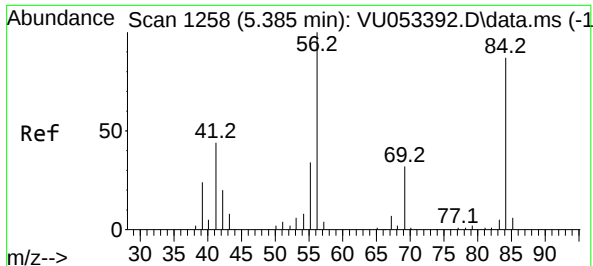
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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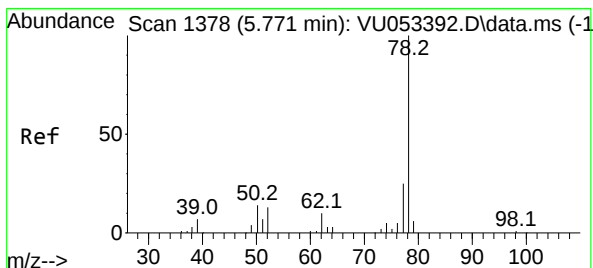
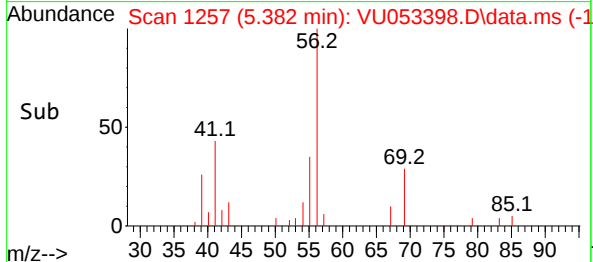
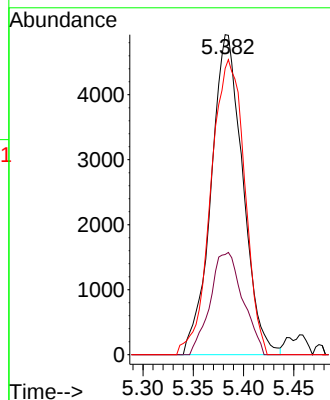
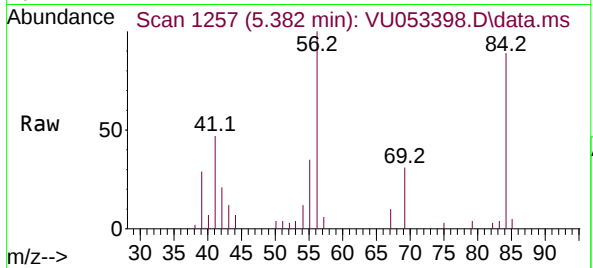




#30
Cyclohexane
Concen: 0.832 ug/L
RT: 5.382 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU053398.D
Acq: 24 Mar 2023 18:24

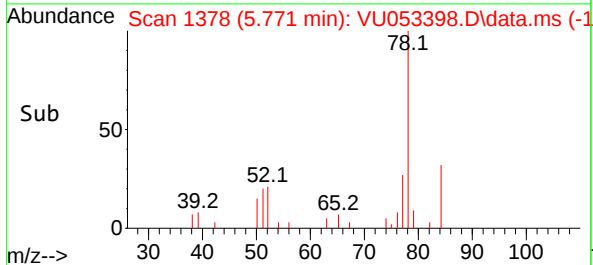
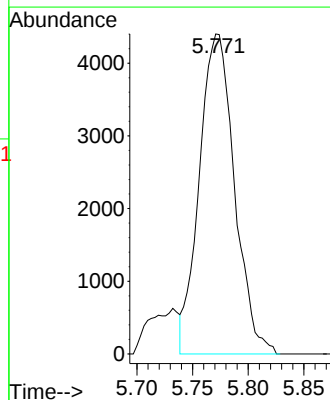
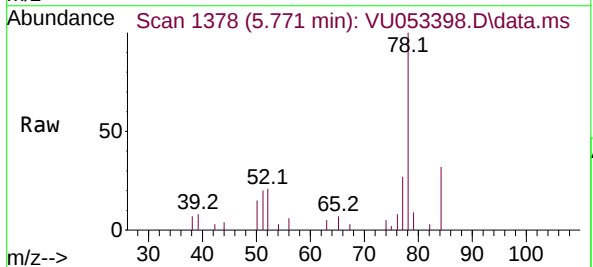
Instrument :
MSVOA_U
ClientSampleId :
CB954

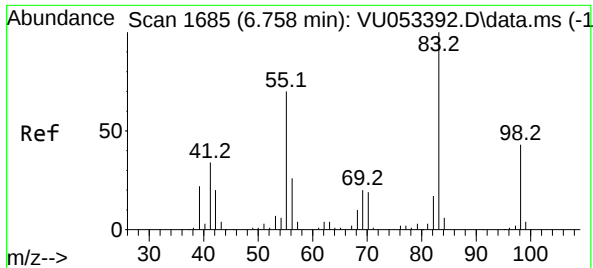
Tgt Ion:	56	Resp:	10775
Ion	Ratio	Lower	Upper
56	100		
69	32.9	26.1	39.1
84	97.8	75.6	113.4



#33
Benzene
Concen: 0.293 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU053398.D
Acq: 24 Mar 2023 18:24

Tgt Ion: 78 Resp: 9673

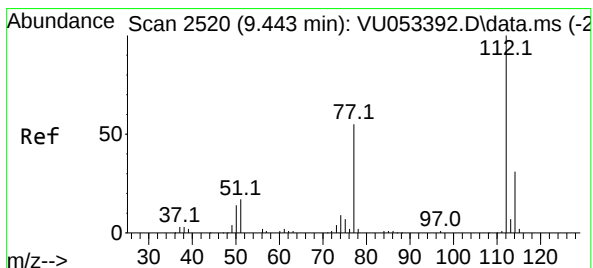
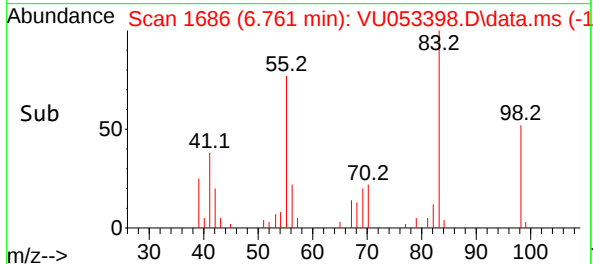
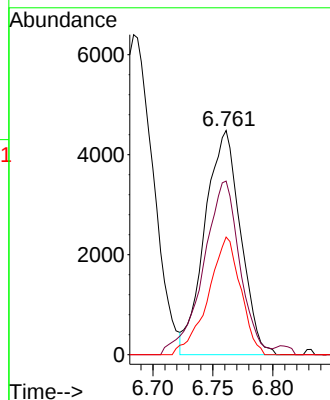
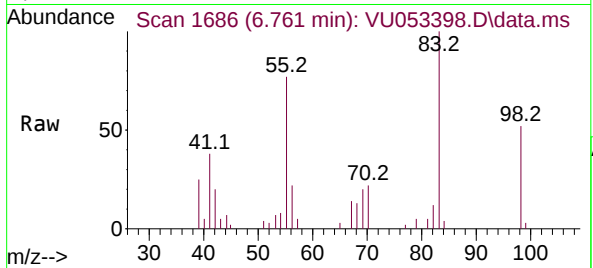




#35
Methylcyclohexane
Concen: 0.613 ug/L
RT: 6.761 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU053398.D
Acq: 24 Mar 2023 18:24

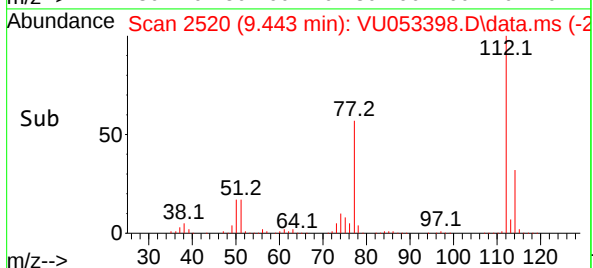
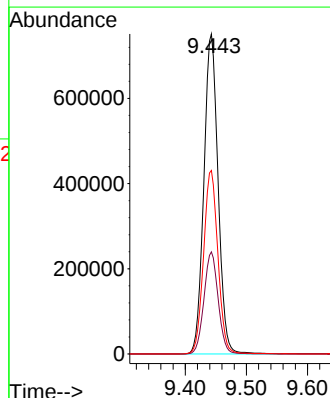
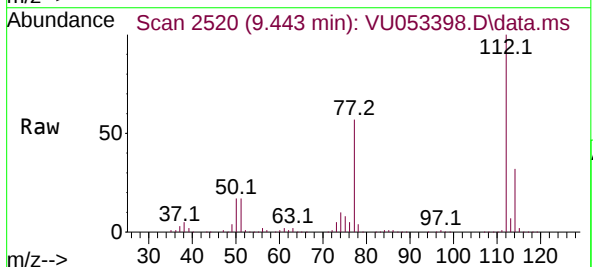
Instrument :
MSVOA_U
ClientSampleId :
CB954

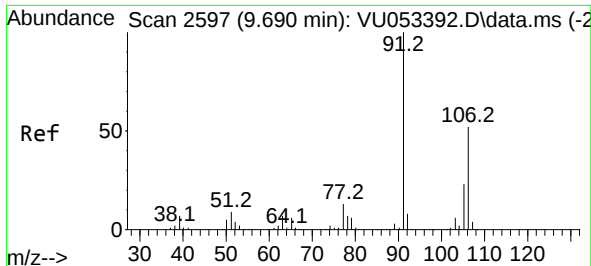
Tgt Ion: 83	Resp: 9244
Ion Ratio	Lower Upper
83 100	
55 79.3	54.9 82.3
98 47.8	34.9 52.3



#51
Chlorobenzene
Concen: 53.400 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU053398.D
Acq: 24 Mar 2023 18:24

Tgt Ion:112	Resp: 1213700		
Ion Ratio	Lower	Upper	
112 100			
114 31.9	22.1	41.1	
77 57.3	45.8	68.6	

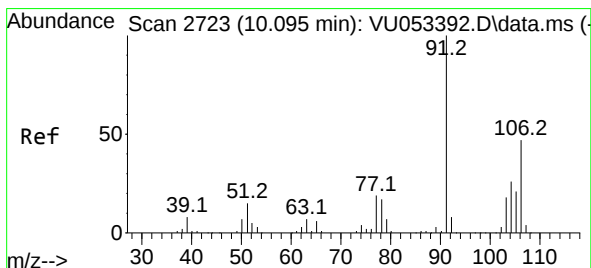
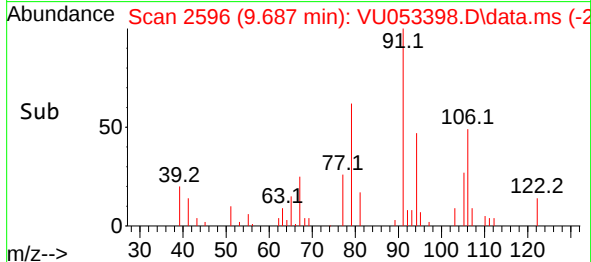
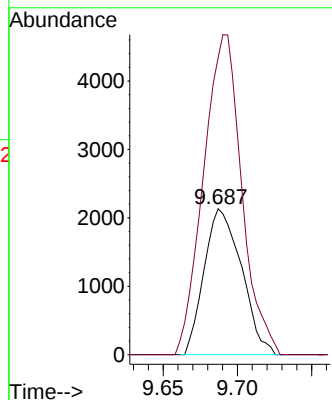
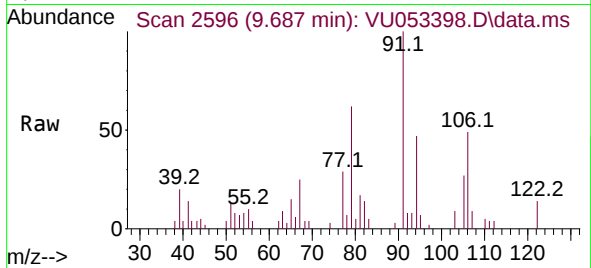




#53
m,p-Xylene
Concen: 0.249 ug/L
RT: 9.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053398.D
Acq: 24 Mar 2023 18:24

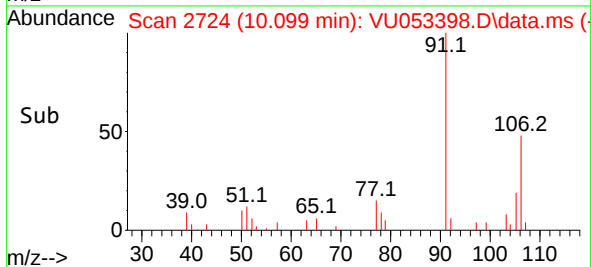
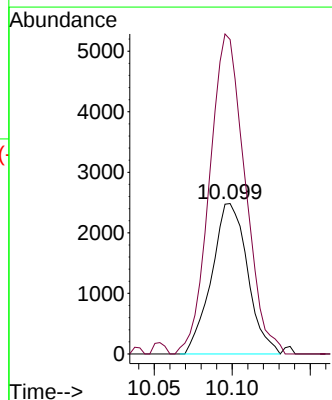
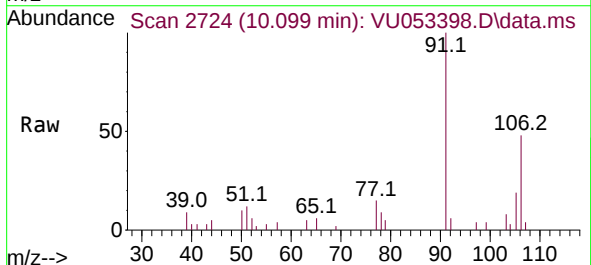
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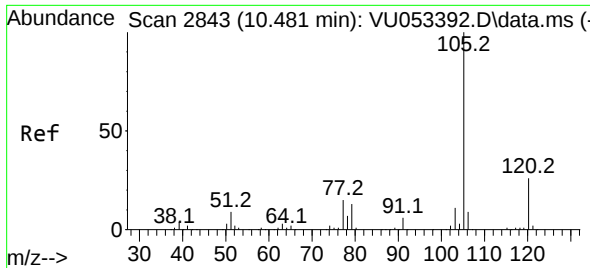
Tgt Ion:106 Resp: 3732
Ion Ratio Lower Upper
106 100
91 203.5 138.8 257.8



#54
o-Xylene
Concen: 0.280 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.003 min
Lab File: VU053398.D
Acq: 24 Mar 2023 18:24

Tgt Ion:106 Resp: 3974
Ion Ratio Lower Upper
106 100
91 209.1 150.8 280.0

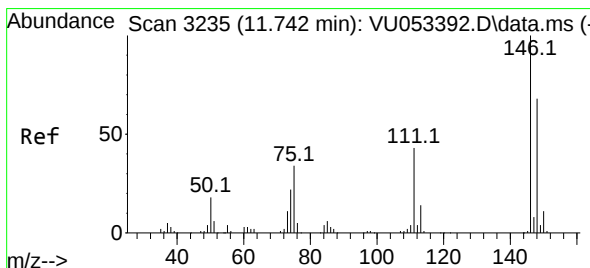
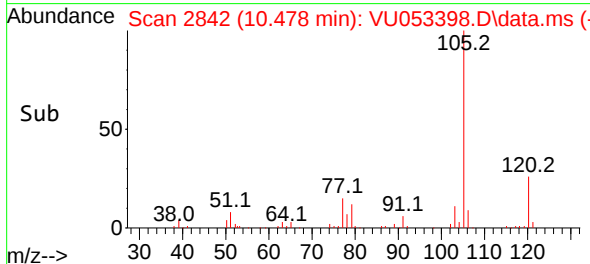
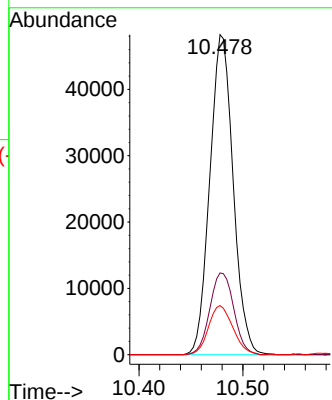
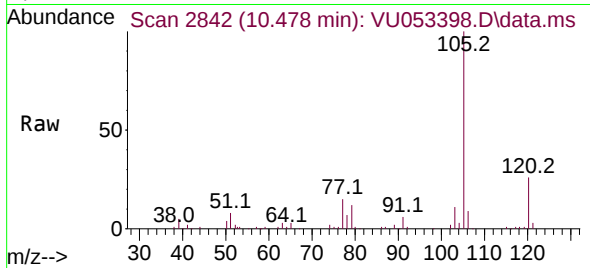




#60
Isopropylbenzene
Concen: 1.978 ug/L
RT: 10.478 min Scan# 2842
Delta R.T. -0.003 min
Lab File: VU053398.D
Acq: 24 Mar 2023 18:24

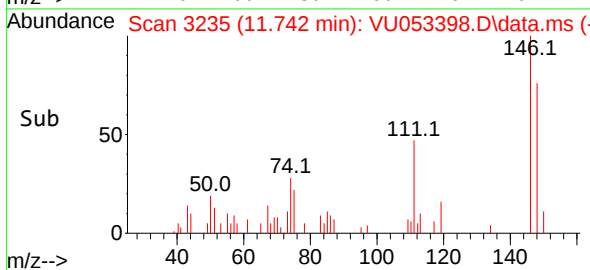
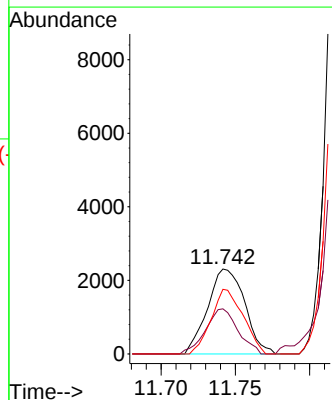
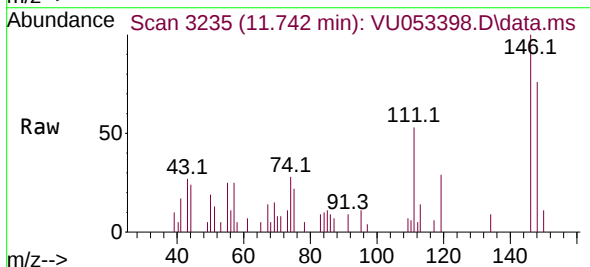
Instrument :
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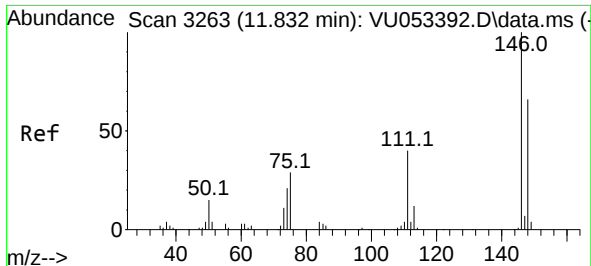
Tgt Ion:105 Resp: 75235
Ion Ratio Lower Upper
105 100
120 26.3 21.5 32.3
77 0.0 13.0 19.4#



#64
1,3-Dichlorobenzene
Concen: 0.240 ug/L
RT: 11.742 min Scan# 3235
Delta R.T. 0.000 min
Lab File: VU053398.D
Acq: 24 Mar 2023 18:24

Tgt Ion:146 Resp: 4005
Ion Ratio Lower Upper
146 100
111 53.1 29.4 54.6
148 76.2 44.3 82.3

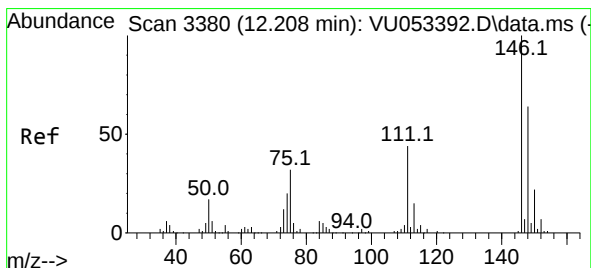
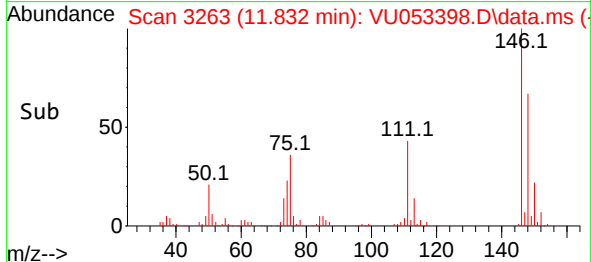
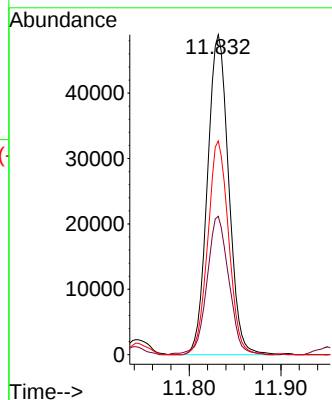
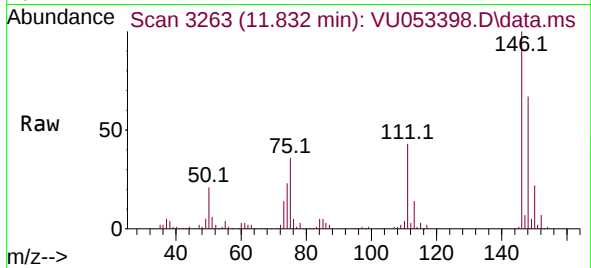




#65
1,4-Dichlorobenzene
Concen: 4.685 ug/L
RT: 11.832 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU053398.D
Acq: 24 Mar 2023 18:24

Instrument :
MSVOA_U
ClientSampleId :
CB954

Tgt Ion:146 Resp: 78647
Ion Ratio Lower Upper
146 100
111 43.3 29.8 55.4
148 66.8 43.0 80.0



#67
1,2-Dichlorobenzene
Concen: 0.462 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. 0.000 min
Lab File: VU053398.D
Acq: 24 Mar 2023 18:24

Tgt Ion:146 Resp: 7328
Ion Ratio Lower Upper
146 100
111 59.9 35.0 52.6#
148 66.3 48.2 72.4

