

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012723\
 Data File : VU052839.D
 Acq On : 27 Jan 2023 12:16
 Operator : JC/MD
 Sample : 01314-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44G8

Quant Time: Jan 27 22:22:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 27 22:20:01 2023
 Response via : Initial Calibration

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

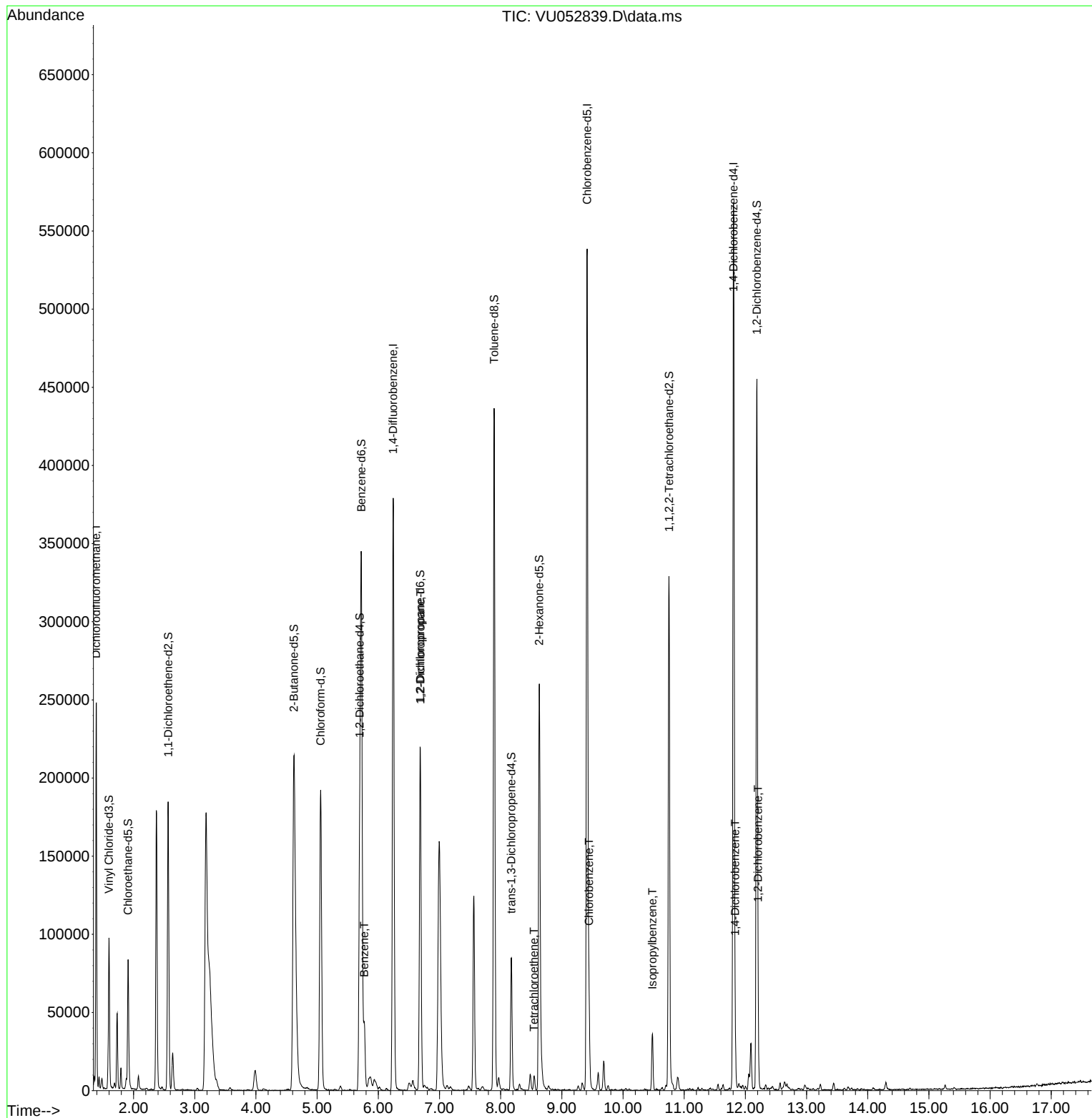
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	320952	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	307412	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	156255	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	68661	29.723	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.440%#
7) Chloroethane-d5	1.909	69	61944	32.543	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	65.080%#
11) 1,1-Dichloroethene-d2	2.565	63	108582	23.632	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	47.260%#
21) 2-Butanone-d5	4.620	46	127703	89.487	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.490%
24) Chloroform-d	5.057	84	171194	34.724	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.440%#
26) 1,2-Dichloroethane-d4	5.697	65	116265	36.934	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.860%
32) Benzene-d6	5.723	84	331870	35.336	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.680%
36) 1,2-Dichloropropane-d6	6.684	67	101239	36.754	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	73.500%
41) Toluene-d8	7.893	98	288855	33.775	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	67.560%#
43) trans-1,3-Dichloroprop...	8.173	79	49428	35.802	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.600%
47) 2-Hexanone-d5	8.629	63	86874	89.759	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.760%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	152946	37.581	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	75.160%
66) 1,2-Dichlorobenzene-d4	12.189	152	122018	40.216	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	4290	1.427	ug/L	99
33) Benzene	5.771	78	39831	3.806	ug/L	100
37) 1,2-Dichloropropane	6.687	63	11443	4.448	ug/L #	87
46) Tetrachloroethene	8.546	164	2248	0.982	ug/L	85
51) Chlorobenzene	9.443	112	31540	4.275	ug/L	99
61) Isopropylbenzene	10.481	105	23770	2.355	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	14067	2.669	ug/L	90
67) 1,2-Dichlorobenzene	12.208	146	7053	1.370	ug/L	97

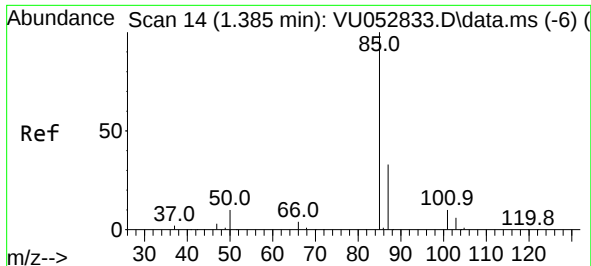
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 27 22:20:01 2023
Response via : Initial Calibration

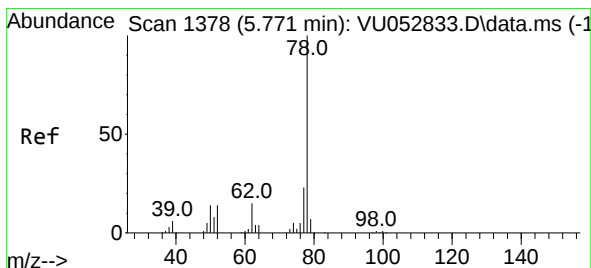
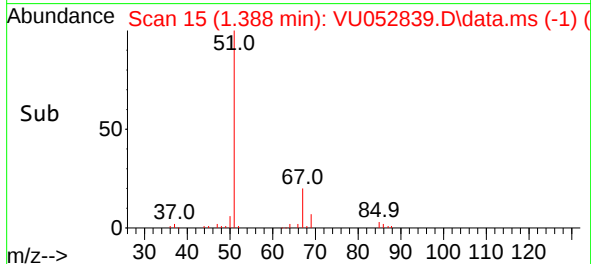
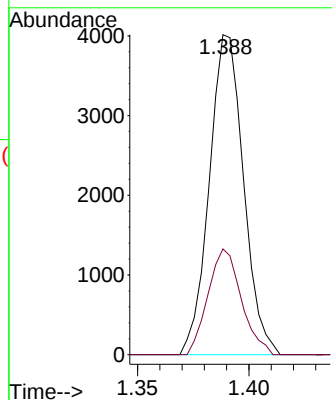
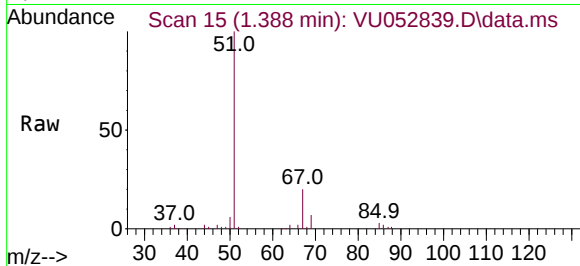




#2
 Dichlorodifluoromethane
 Concen: 1.427 ug/L
 RT: 1.388 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VU052839.D
 Acq: 27 Jan 2023 12:16

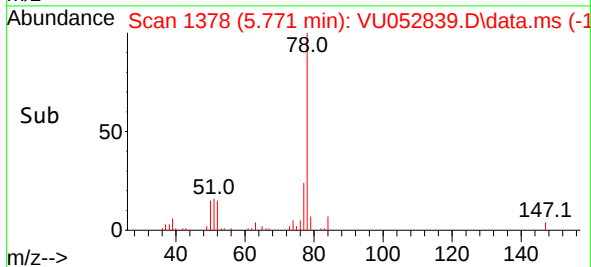
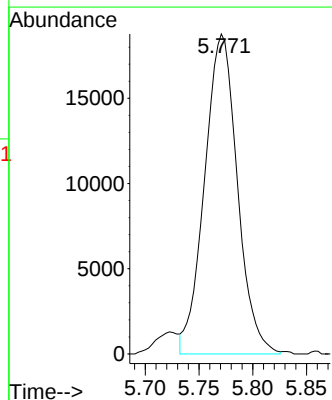
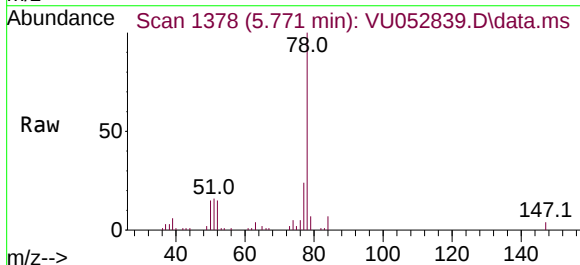
Instrument :
 MSVOA_U
 ClientSampleId :
 A44G8

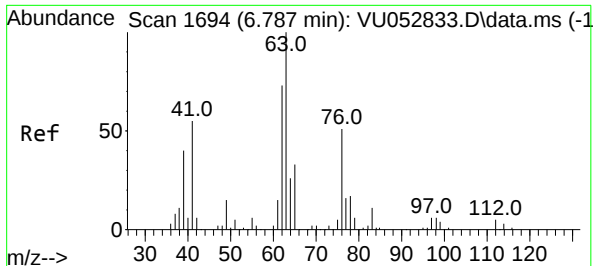
Tgt Ion: 85 Resp: 4290
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.4 39.6



#33
 Benzene
 Concen: 3.806 ug/L
 RT: 5.771 min Scan# 1378
 Delta R.T. -0.000 min
 Lab File: VU052839.D
 Acq: 27 Jan 2023 12:16

Tgt Ion: 78 Resp: 39831

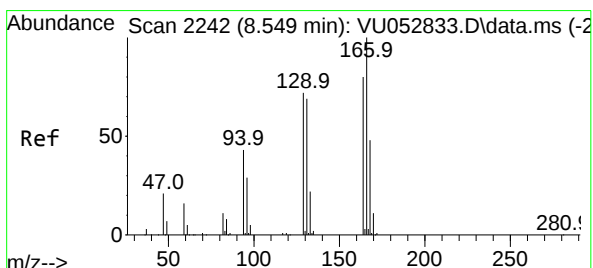
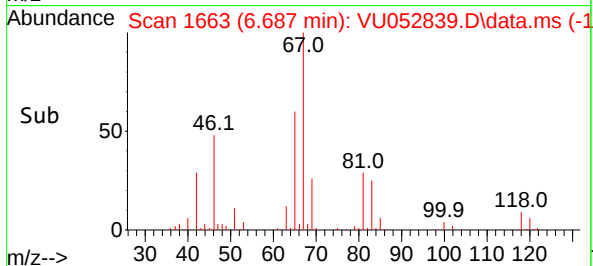
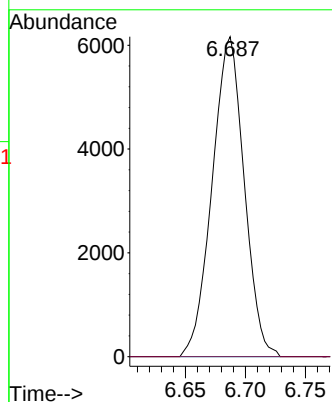
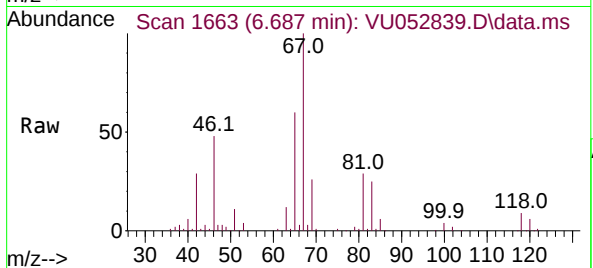




#37
1,2-Dichloropropane
Concen: 4.448 ug/L
RT: 6.687 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU052839.D
Acq: 27 Jan 2023 12:16

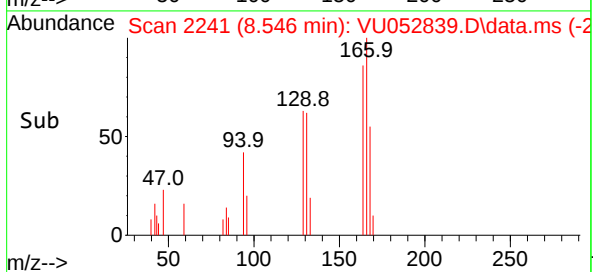
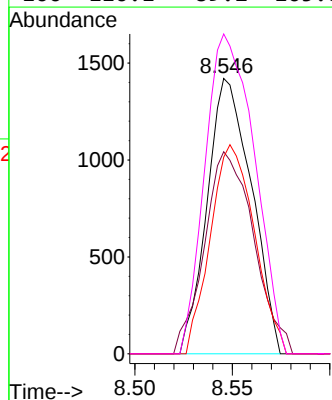
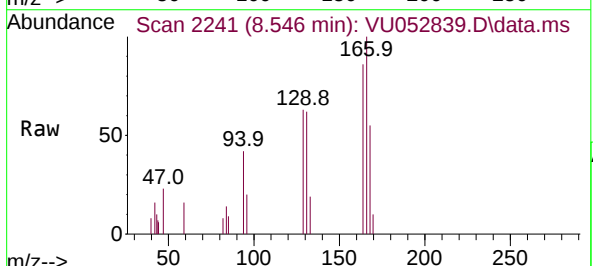
Instrument :
MSVOA_U
ClientSampleId :
A44G8

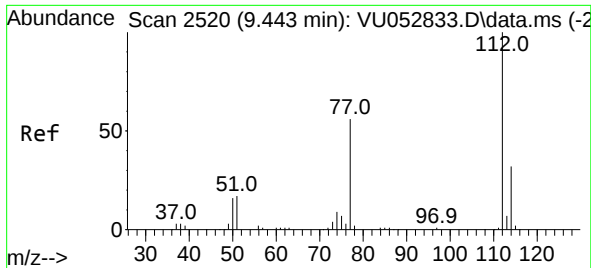
Tgt Ion: 63 Resp: 11443
Ion Ratio Lower Upper
63 100
112 0.3 3.8 5.8#



#46
Tetrachloroethene
Concen: 0.982 ug/L
RT: 8.546 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VU052839.D
Acq: 27 Jan 2023 12:16

Tgt Ion:164 Resp: 2248
Ion Ratio Lower Upper
164 100
129 73.4 64.8 120.3
131 71.4 61.2 113.6
166 116.1 89.2 165.8

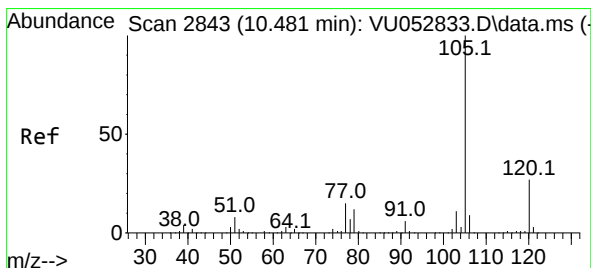
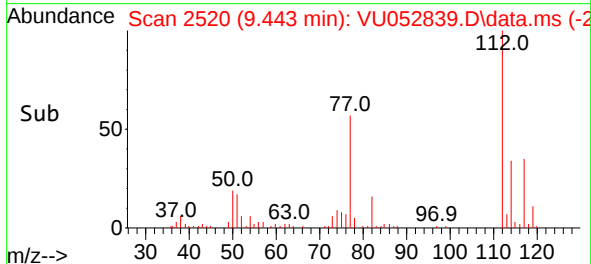
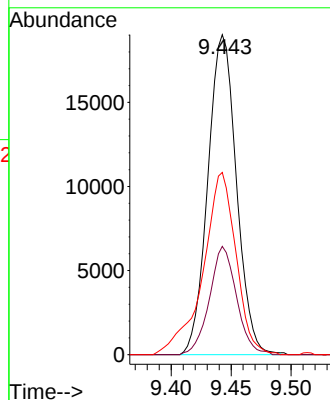
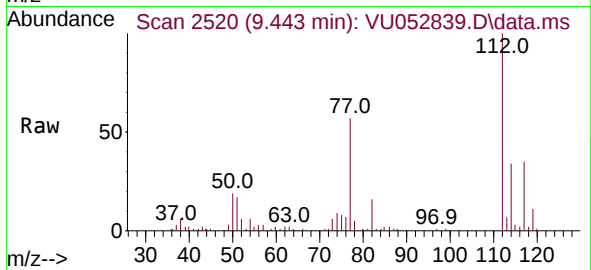




#51
Chlorobenzene
Concen: 4.275 ug/L
RT: 9.443 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052839.D
Acq: 27 Jan 2023 12:16

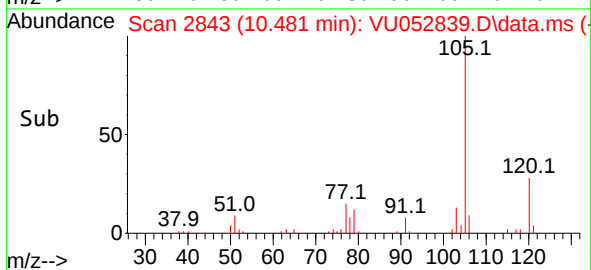
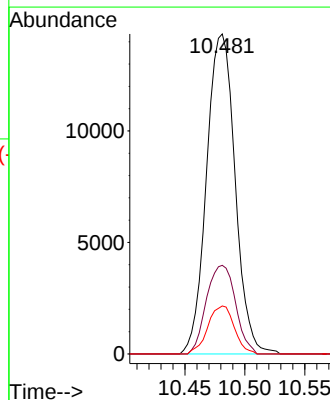
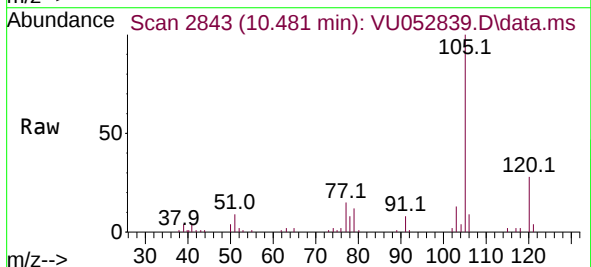
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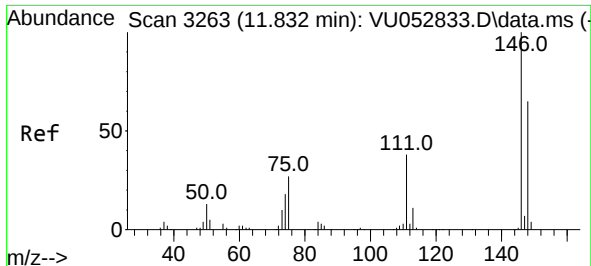
Tgt Ion:	112	Resp:	31540
Ion	Ratio	Lower	Upper
112	100		
114	33.9	22.8	42.4
77	56.9	45.9	68.9



#61
Isopropylbenzene
Concen: 2.355 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU052839.D
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Tgt Ion:	105	Resp:	23770
Ion	Ratio	Lower	Upper
105	100		
120	28.1	21.4	32.2
77	13.9	12.2	18.2

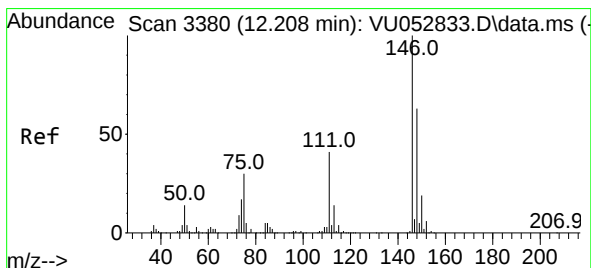
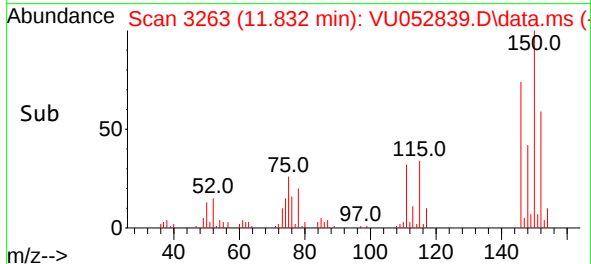
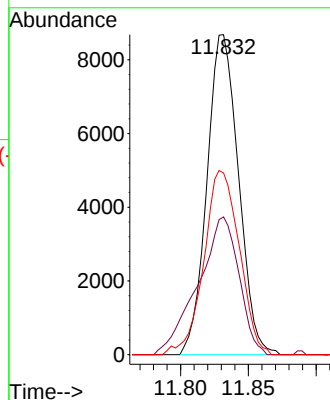
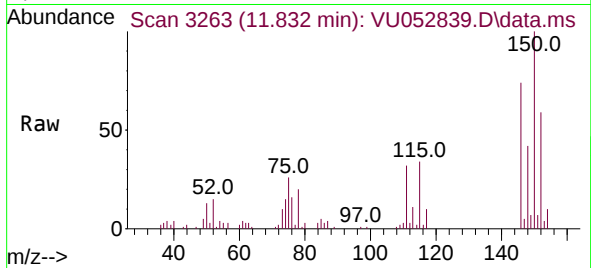




#65
1,4-Dichlorobenzene
Concen: 2.669 ug/L
RT: 11.832 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052839.D
Acq: 27 Jan 2023 12:16

Instrument :
MSVOA_U
ClientSampleId :
A44G8

Tgt Ion:146	Resp:	14067
Ion Ratio	Lower	Upper
146	100	
111	43.0	26.7 49.7
148	56.8	45.6 84.6



#67
1,2-Dichlorobenzene
Concen: 1.370 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU052839.D
Acq: 27 Jan 2023 12:16

Tgt Ion:146	Resp:	7053
Ion Ratio	Lower	Upper
146	100	
111	41.2	33.2 49.8
148	66.7	50.2 75.4

