

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
 Data File : VU051716.D
 Acq On : 03 Nov 2022 02:16
 Operator : JC/MD
 Sample : N5301-23
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWP7

Quant Time: Nov 03 04:30:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 03 03:06:09 2022
 Response via : Initial Calibration

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

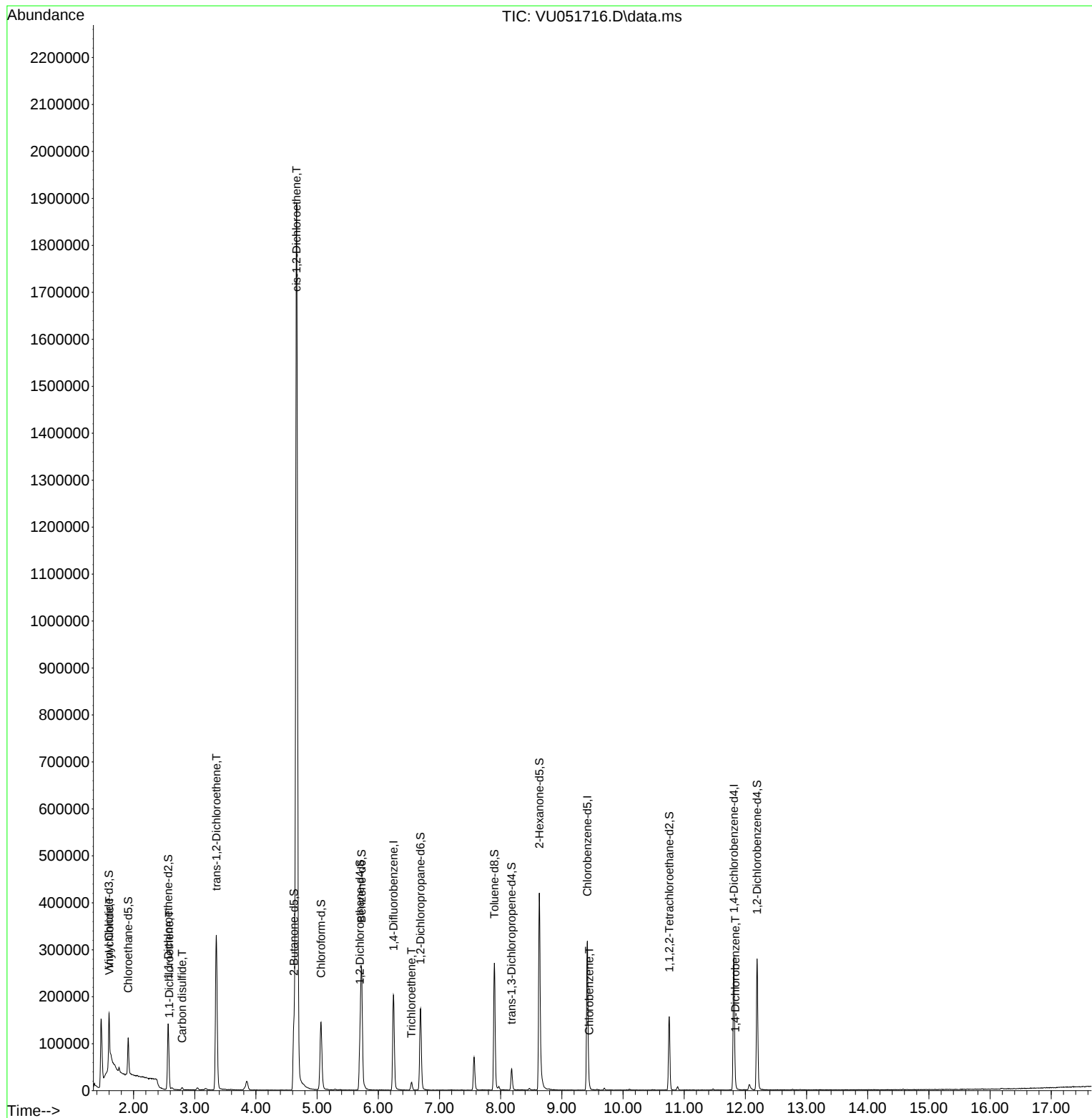
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	169480	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	185797	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	79712	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	63280	4.958	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.200%	
7) Chloroethane-d5	1.912	69	59036	4.435	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.600%	
11) 1,1-Dichloroethene-d2	2.565	65	24787	5.351	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	107.000%	
20) 2-Butanone-d5	4.620	46	191432	41.411	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	82.820%	
24) Chloroform-d	5.063	84	134462	4.502	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.000%	
26) 1,2-Dichloroethane-d4	5.700	65	70111	4.345	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.000%	
32) Benzene-d6	5.726	84	257164	4.386	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.800%	
36) 1,2-Dichloropropane-d6	6.690	67	87435	4.265	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.200%	
41) Toluene-d8	7.896	98	193758	4.202	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.000%	
43) trans-1,3-Dichloroprop...	8.179	79	26911	4.293	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.800%	
46) 2-Hexanone-d5	8.632	63	140427	37.212	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	74.420%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	81752	4.351	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.000%	
66) 1,2-Dichlorobenzene-d4	12.192	152	78219	5.346	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.000%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	20014	0.894	ug/L #	1
12) 1,1-Dichloroethene	2.581	96	6058	0.411	ug/L #	1
14) Carbon disulfide	2.793	76	6248	0.132	ug/L #	94
18) trans-1,2-Dichloroethene	3.353	96	144086	9.112	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	1023885	58.520	ug/L	98
34) Trichloroethene	6.542	95	5845	0.330	ug/L	90
51) Chlorobenzene	9.446	112	3693	0.078	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	3880	0.134	ug/L	90

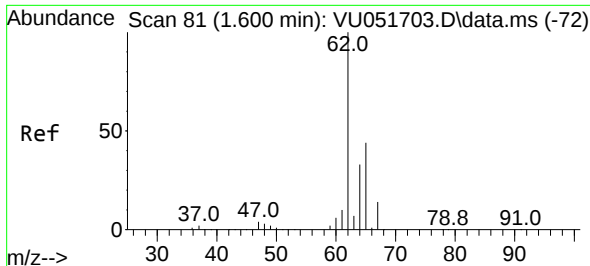
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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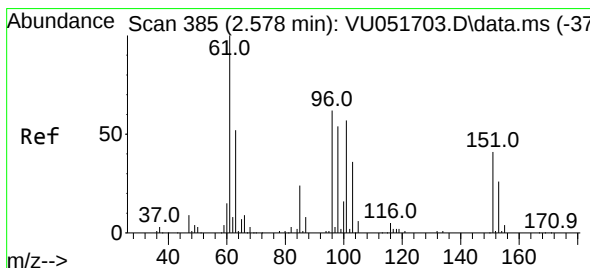
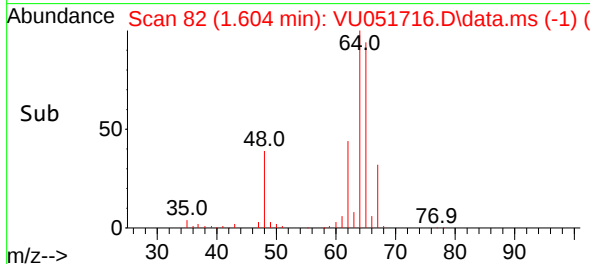
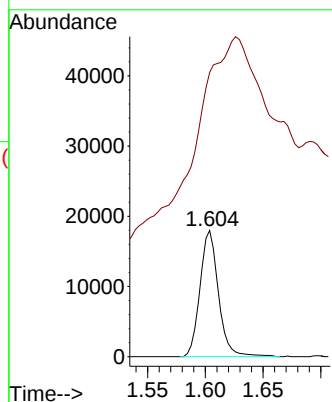
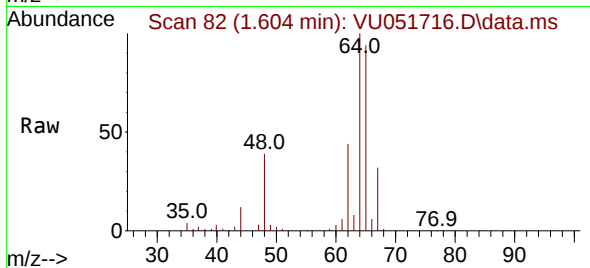




#5
 Vinyl chloride
 Concen: 0.894 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU051716.D
 Acq: 03 Nov 2022 02:16

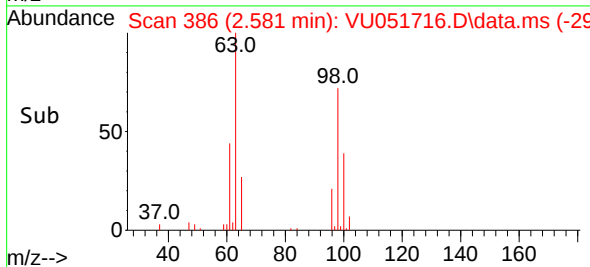
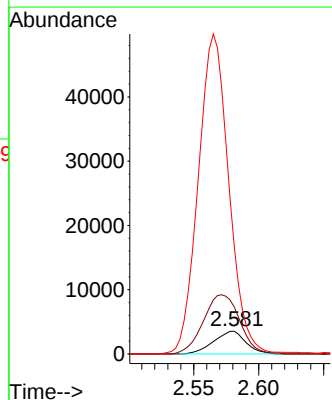
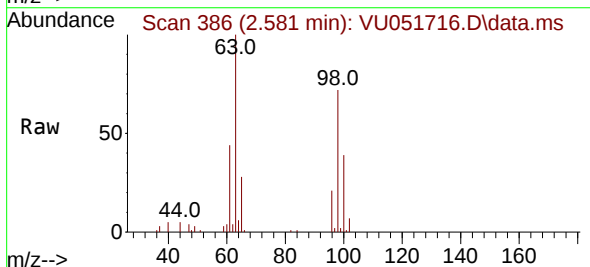
Instrument :
 MSVOA_U
 ClientSampleId :
 DBWP7

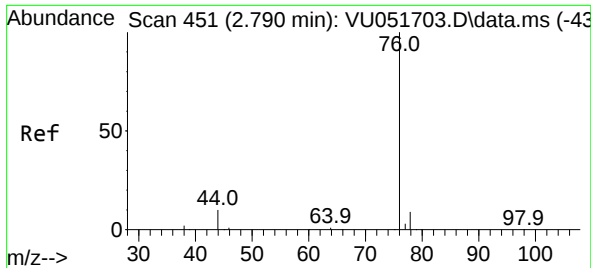
Tgt Ion: 62 Resp: 20014
 Ion Ratio Lower Upper
 62 100
 64 225.2 22.1 41.1#



#12
 1,1-Dichloroethene
 Concen: 0.411 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU051716.D
 Acq: 03 Nov 2022 02:16

Tgt Ion: 96 Resp: 6058
 Ion Ratio Lower Upper
 96 100
 61 205.8 108.8 202.0#
 63 472.2 64.9 120.5#

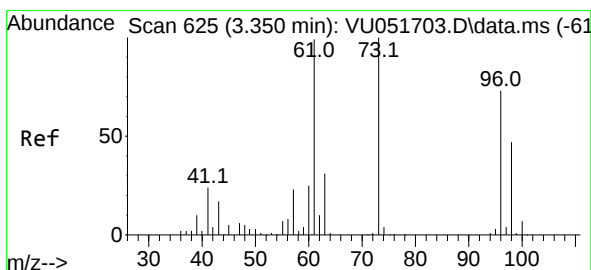
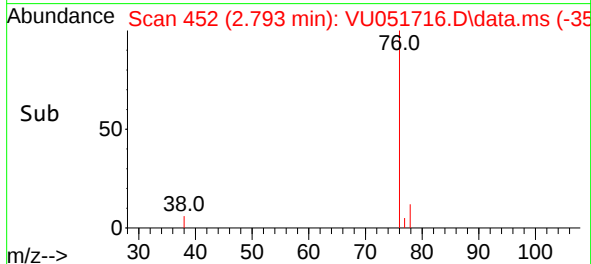
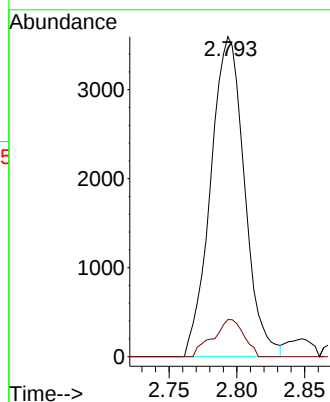
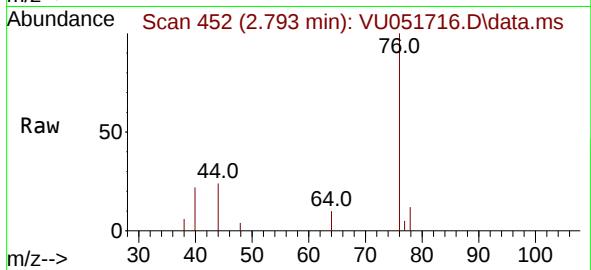




#14
Carbon disulfide
Concen: 0.132 ug/L
RT: 2.793 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU051716.D
Acq: 03 Nov 2022 02:16

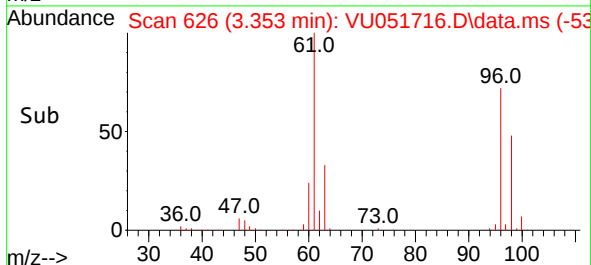
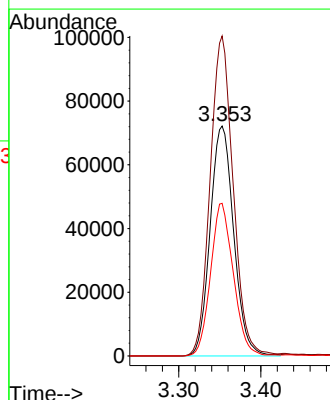
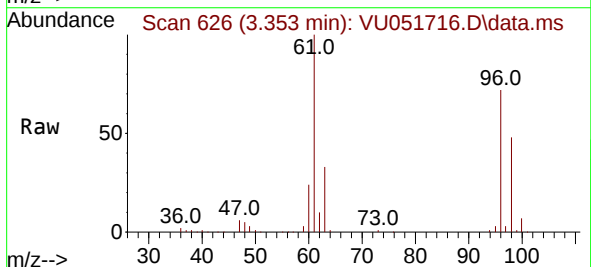
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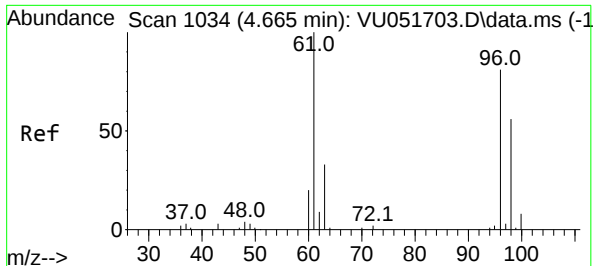
Tgt Ion: 76 Resp: 6248
Ion Ratio Lower Upper
76 100
78 11.6 7.4 11.2#



#18
trans-1,2-Dichloroethene
Concen: 9.112 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU051716.D
Acq: 03 Nov 2022 02:16

Tgt Ion: 96 Resp: 144086
Ion Ratio Lower Upper
96 100
61 139.2 94.7 175.9
98 66.4 44.2 82.0

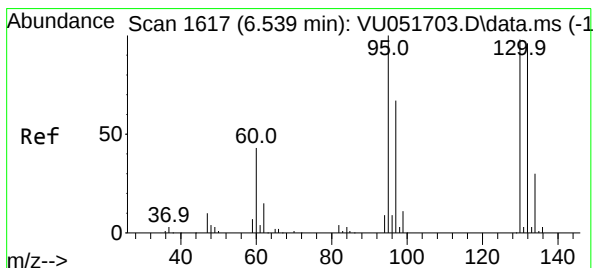
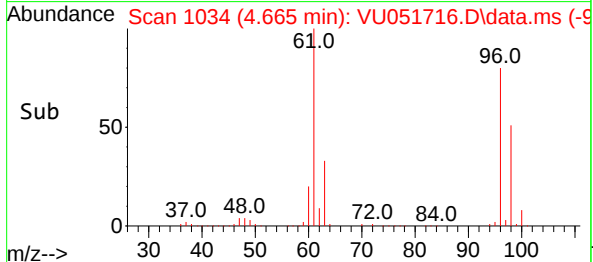
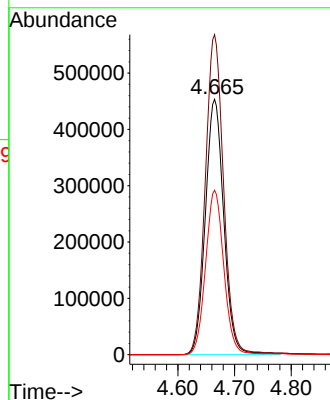
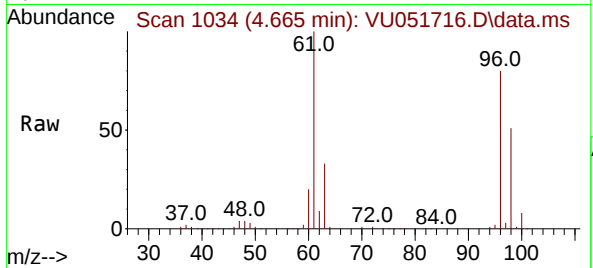




#22
 cis-1,2-Dichloroethene
 Concen: 58.520 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU051716.D
 Acq: 03 Nov 2022 02:16

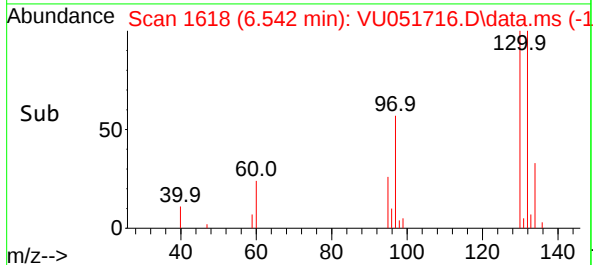
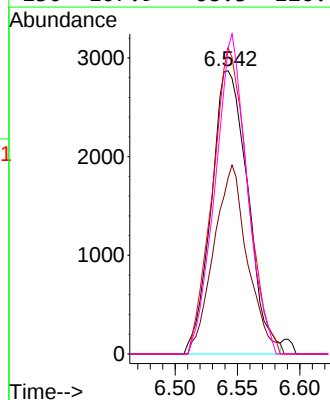
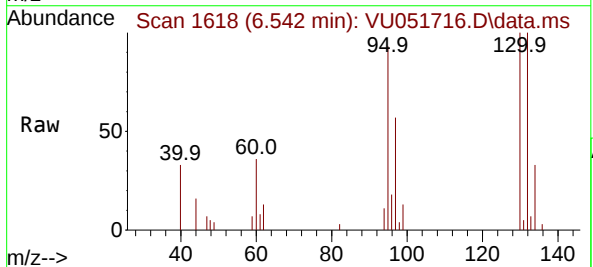
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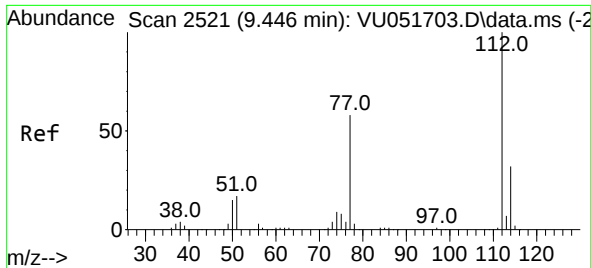
Tgt Ion: 96 Resp: 1023885
 Ion Ratio Lower Upper
 96 100
 61 125.3 86.4 160.4
 98 64.4 44.2 82.2



#34
 Trichloroethene
 Concen: 0.330 ug/L
 RT: 6.542 min Scan# 1618
 Delta R.T. 0.003 min
 Lab File: VU051716.D
 Acq: 03 Nov 2022 02:16

Tgt Ion: 95 Resp: 5845
 Ion Ratio Lower Upper
 95 100
 97 62.1 45.2 84.0
 132 108.0 66.5 123.5
 130 107.9 68.3 126.8

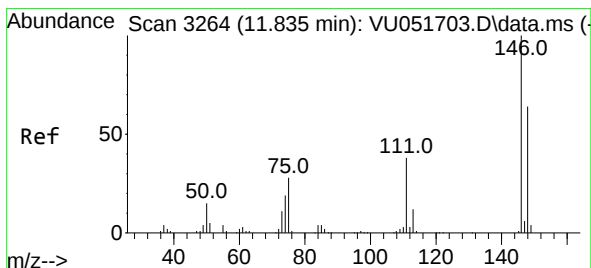
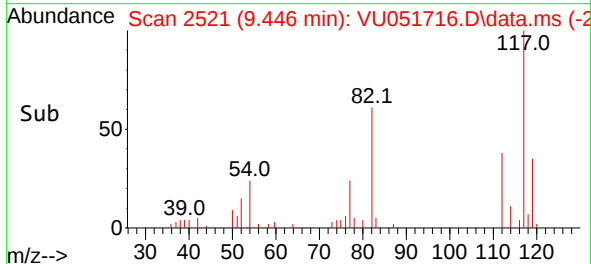
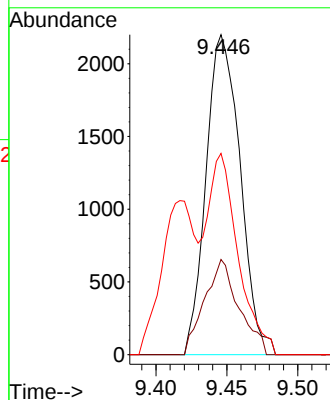
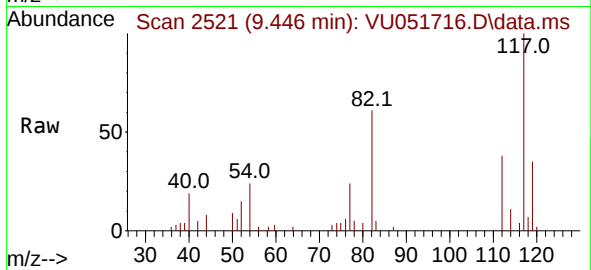




#51
Chlorobenzene
Concen: 0.078 ug/L
RT: 9.446 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051716.D
Acq: 03 Nov 2022 02:16

Instrument :
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Tgt Ion:112 Resp: 3693
Ion Ratio Lower Upper
112 100
114 29.7 22.0 40.8
77 62.9 46.7 70.1



#65
1,4-Dichlorobenzene
Concen: 0.134 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU051716.D
Acq: 03 Nov 2022 02:16

Tgt Ion:146 Resp: 3880
Ion Ratio Lower Upper
146 100
111 32.2 26.7 49.5
148 54.1 43.5 80.9

