

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062023\
 Data File : VU054625.D
 Acq On : 20 Jun 2023 21:13
 Operator : MD/SY
 Sample : 03326-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCA37

Quant Time: Jun 21 04:06:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 21 04:02:18 2023
 Response via : Initial Calibration

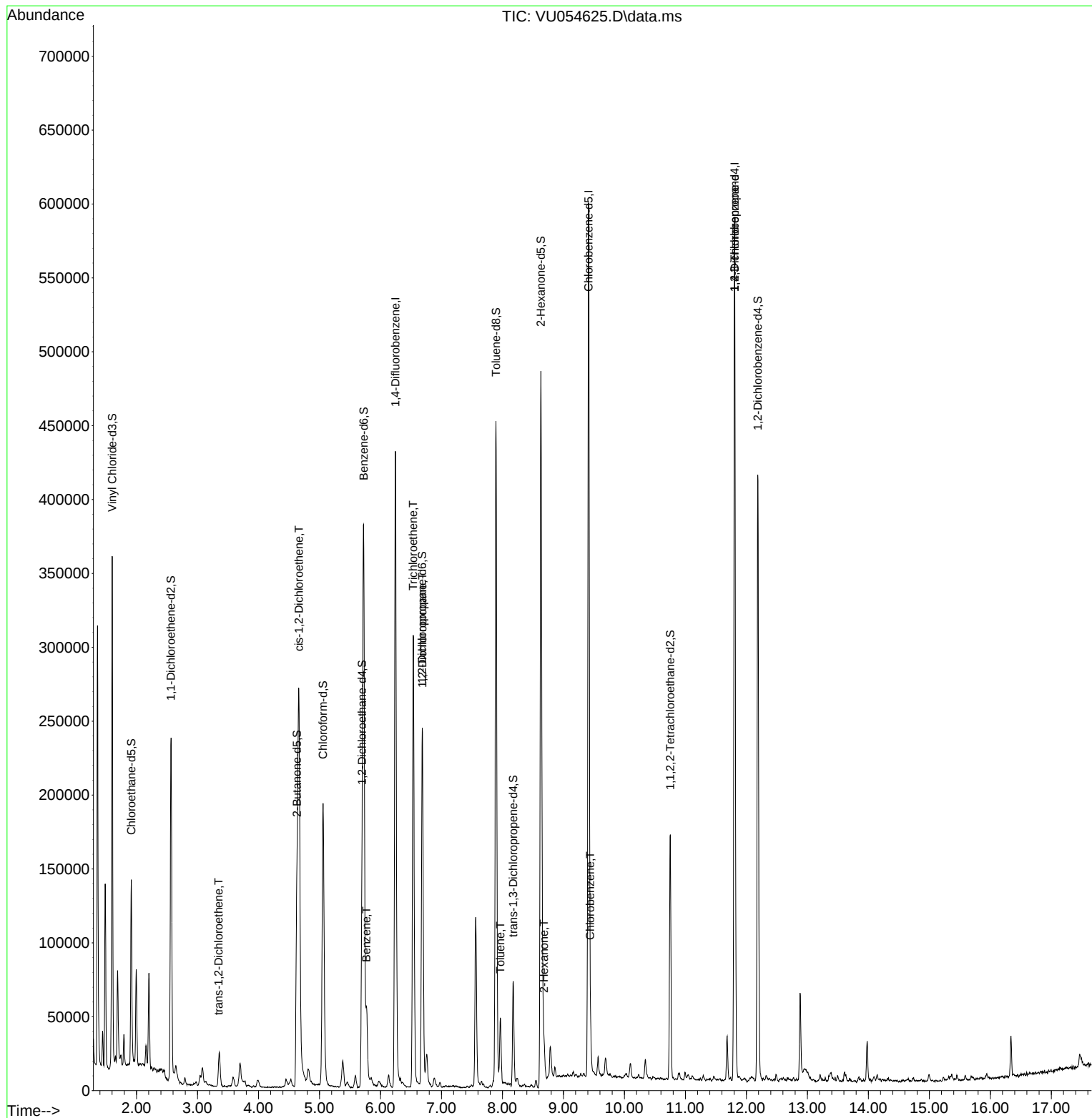
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	333835	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	319328	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	149810	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.602	65	116754	5.495	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	110.000%	
7) Chloroethane-d5	1.914	69	92785	4.664	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.200%	
11) 1,1-Dichloroethene-d2	2.563	65	46707	4.922	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	98.400%	
20) 2-Butanone-d5	4.631	46	251652	42.129	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	84.260%	
24) Chloroform-d	5.058	84	178563	4.021	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.400%	
26) 1,2-Dichloroethane-d4	5.698	65	91768	4.239	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.800%	
32) Benzene-d6	5.724	84	352428	3.970	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.400%	
36) 1,2-Dichloropropane-d6	6.685	67	118855	4.009	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	80.200%	
41) Toluene-d8	7.894	98	302735	3.843	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.800%	
43) trans-1,3-Dichloroprop...	8.177	79	42370	4.110	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.200%	
46) 2-Hexanone-d5	8.631	63	162364	37.541	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	75.080%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	86697	3.922	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	78.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	104352	4.130	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	82.600%	
Target Compounds						
18) trans-1,2-Dichloroethene	3.348	96	3638	0.146	ug/L	89
22) cis-1,2-Dichloroethene	4.663	96	111158	3.905	ug/L	97
33) Benzene	5.772	78	44071	0.384	ug/L	100
34) Trichloroethene	6.537	95	107619	3.546	ug/L	95
37) 1,2-Dichloropropane	6.689	63	13089	0.422	ug/L #	89
42) Toluene	7.965	91	31668	0.268	ug/L	94
48) 2-Hexanone	8.682	43	10443	0.846	ug/L #	78
51) Chlorobenzene	9.441	112	10359	0.141	ug/L	94
61) 1,2,3-Trichloropropane	11.807	75	21085	1.393	ug/L #	71

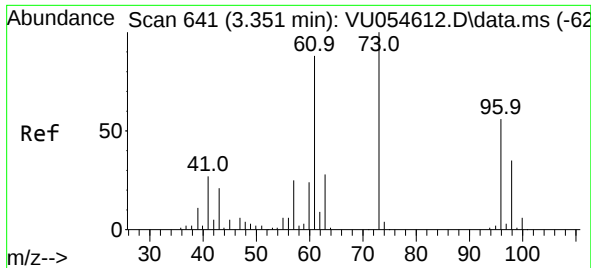
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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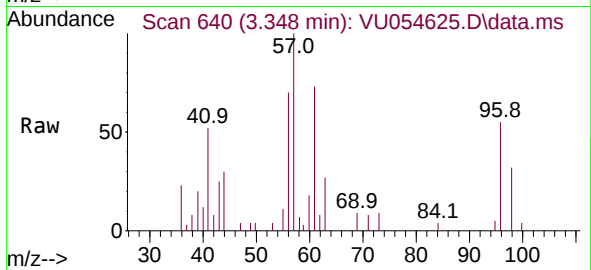
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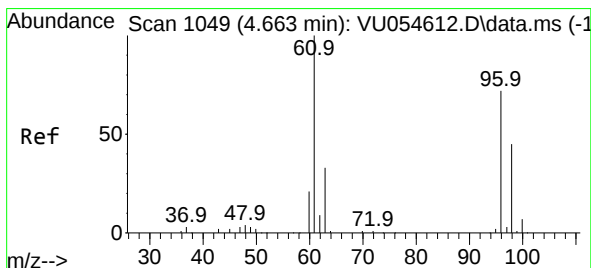
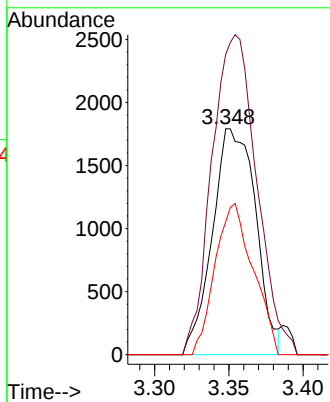
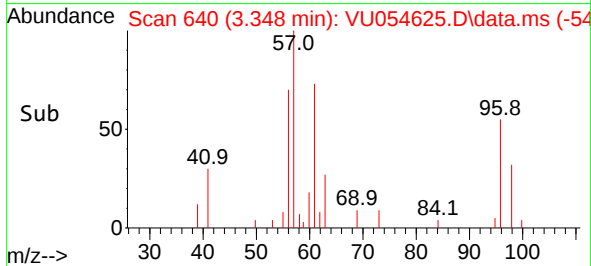
#18
trans-1,2-Dichloroethene
Concen: 0.146 ug/L
RT: 3.348 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU054625.D
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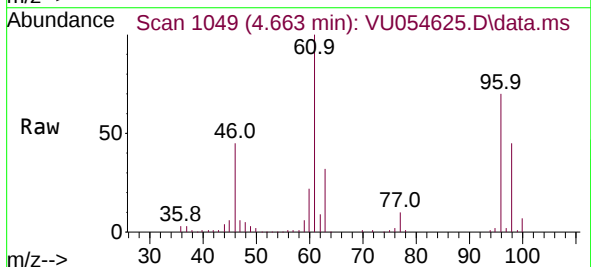


Tgt Ion: 96 Resp: 3638

Ion	Ratio	Lower	Upper
96	100		
61	133.0	104.6	194.2
98	58.9	45.4	84.4

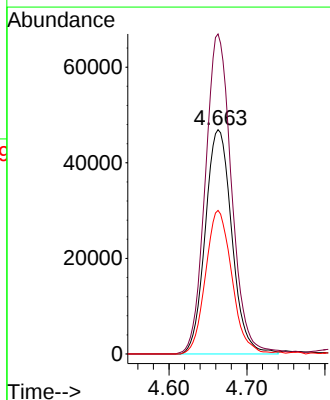
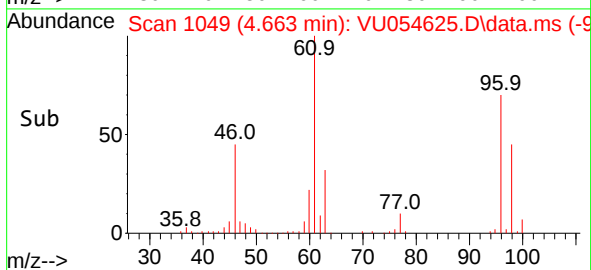


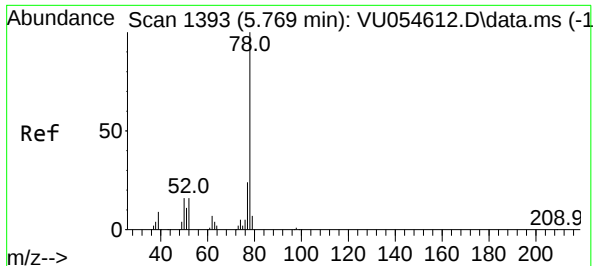
#22
cis-1,2-Dichloroethene
Concen: 3.905 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU054625.D
Acq: 20 Jun 2023 21:13



Tgt Ion: 96 Resp: 111158

Ion	Ratio	Lower	Upper
96	100		
61	142.7	96.5	179.1
98	64.0	44.9	83.3

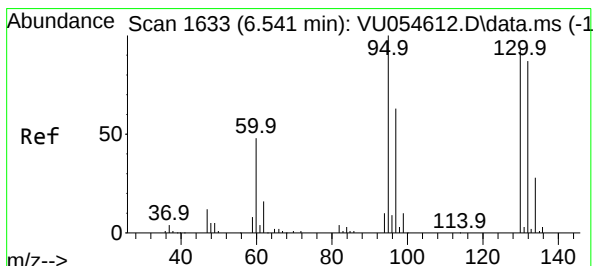
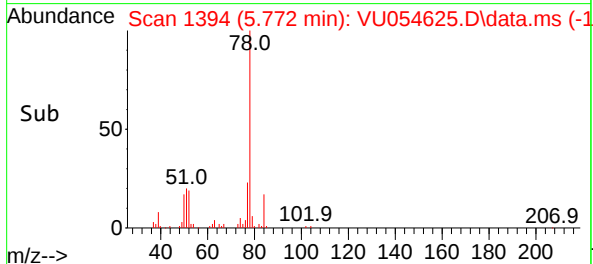
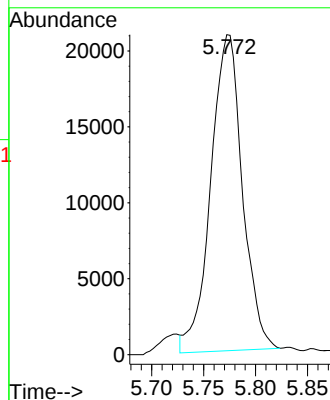
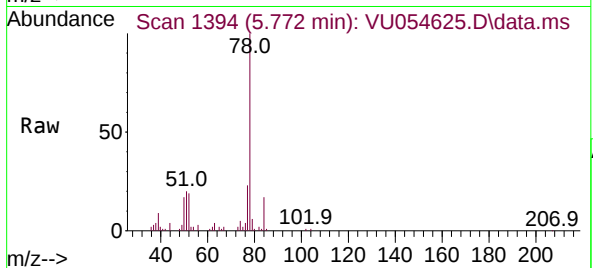




#33
Benzene
Concen: 0.384 ug/L
RT: 5.772 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054625.D
Acq: 20 Jun 2023 21:13

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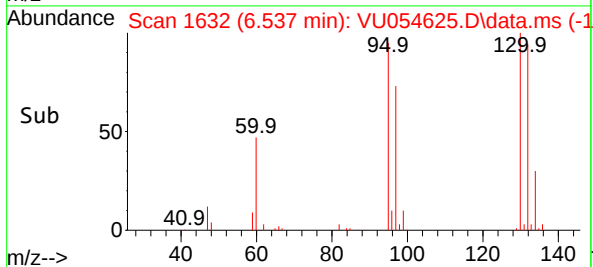
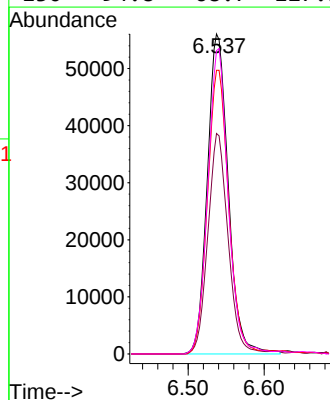
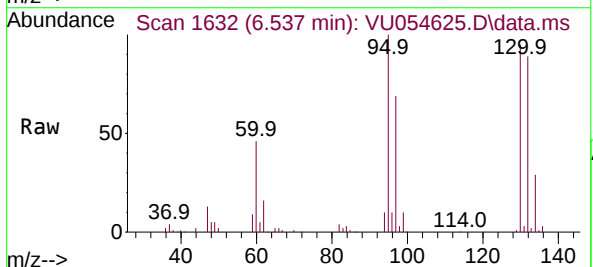
Tgt Ion: 78 Resp: 44071

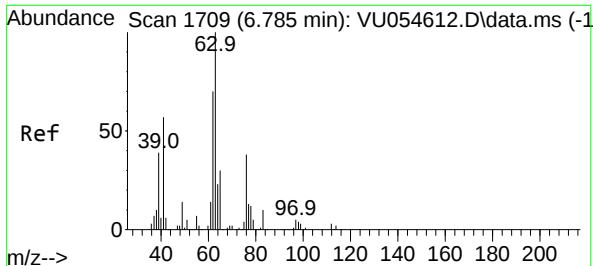


#34
Trichloroethene
Concen: 3.546 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VU054625.D
Acq: 20 Jun 2023 21:13

Tgt Ion: 95 Resp: 107619

Ion	Ratio	Lower	Upper
95	100		
97	68.9	46.8	87.0
132	88.7	68.4	127.0
130	94.8	68.7	127.5

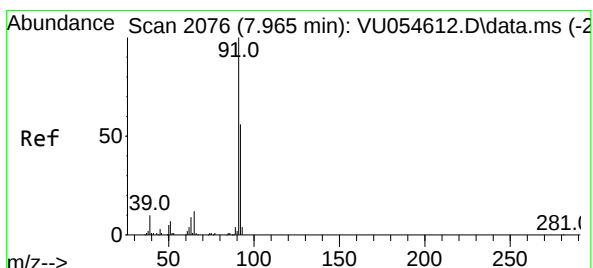
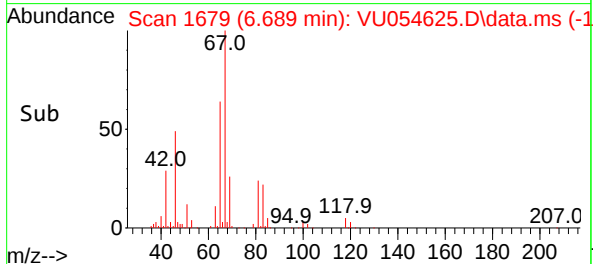
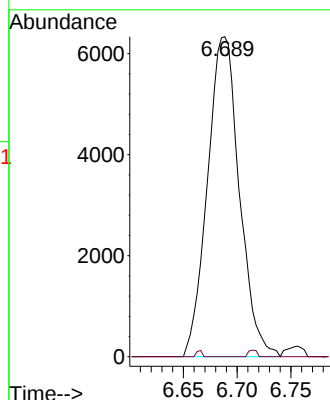
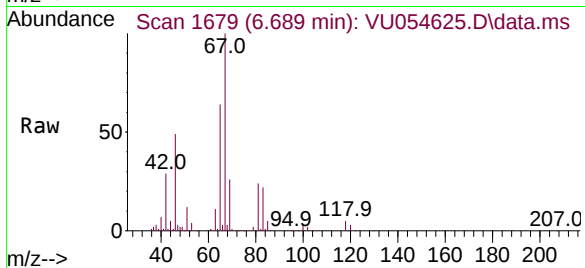




#37
1,2-Dichloropropane
Concen: 0.422 ug/L
RT: 6.689 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU054625.D
Acq: 20 Jun 2023 21:13

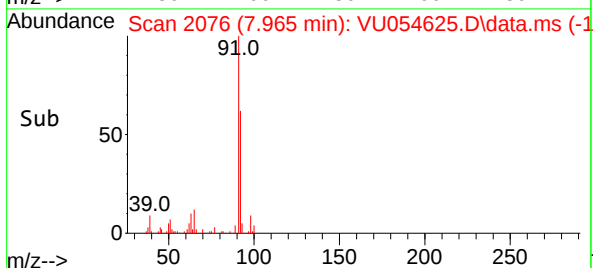
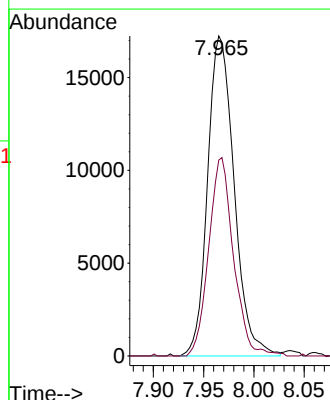
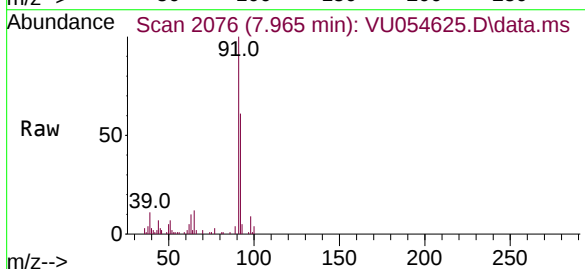
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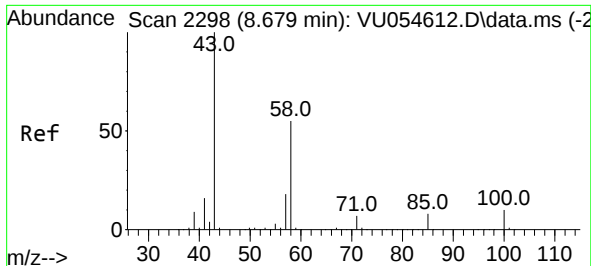
Tgt Ion: 63 Resp: 13089
Ion Ratio Lower Upper
63 100
112 0.3 3.0 4.6#



#42
Toluene
Concen: 0.268 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. -0.000 min
Lab File: VU054625.D
Acq: 20 Jun 2023 21:13

Tgt Ion: 91 Resp: 31668
Ion Ratio Lower Upper
91 100
92 61.2 39.5 73.4

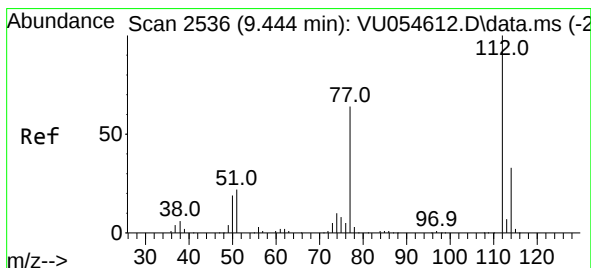
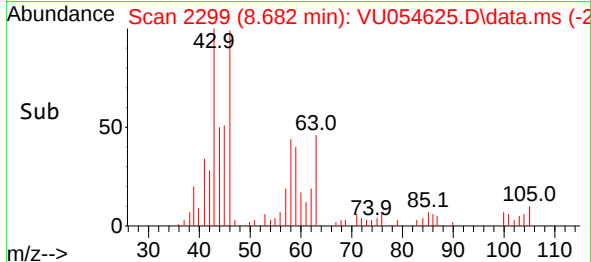
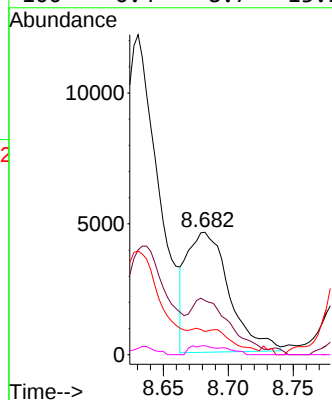
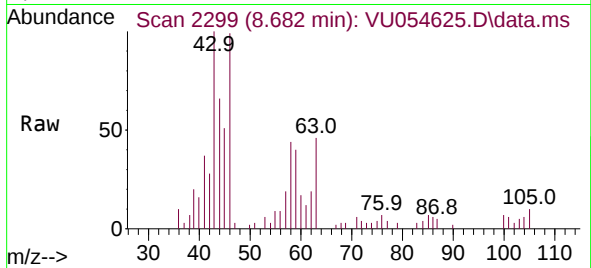




#48
2-Hexanone
Concen: 0.846 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054625.D
Acq: 20 Jun 2023 21:13

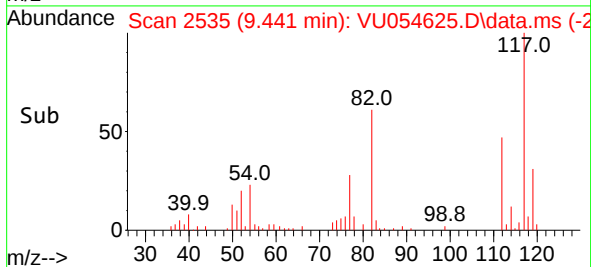
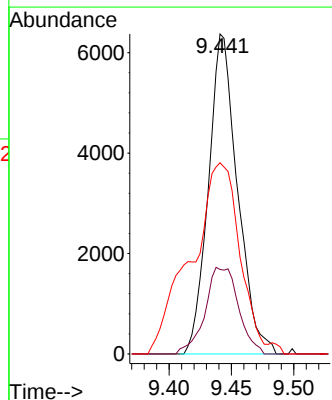
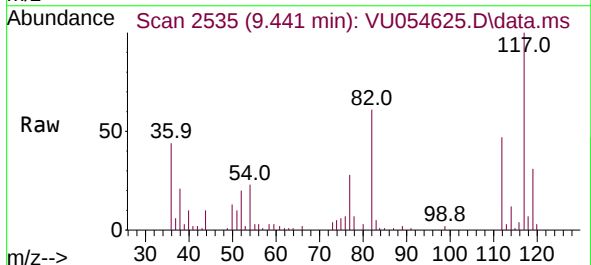
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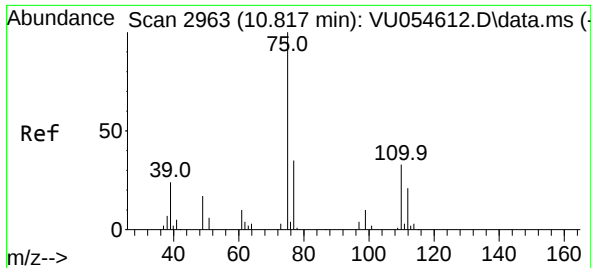
Tgt Ion: 43	Resp: 10443
Ion Ratio	Lower Upper
43 100	
58 44.2	45.2 67.8#
57 0.0	15.8 23.6#
100 6.4	8.7 13.1#



#51
Chlorobenzene
Concen: 0.141 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.003 min
Lab File: VU054625.D
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Tgt	Ion:112	Resp:	10359
Ion	Ratio	Lower	Upper
112	100		
114	26.4	22.7	42.1
77	59.7	49.8	74.8





#61
 1,2,3-Trichloropropane
 Concen: 1.393 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU054625.D
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Tgt Ion: 75 Resp: 21085
 Ion Ratio Lower Upper
 75 100
 110 2.7 28.0 42.0#
 77 31.5 25.4 38.2

