

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072624\
 Data File : VU060227.D
 Acq On : 26 Jul 2024 16:36
 Operator : MD/SY
 Sample : P3244-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YDZG3

Quant Time: Jul 26 23:16:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 26 23:14:26 2024
 Response via : Initial Calibration

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

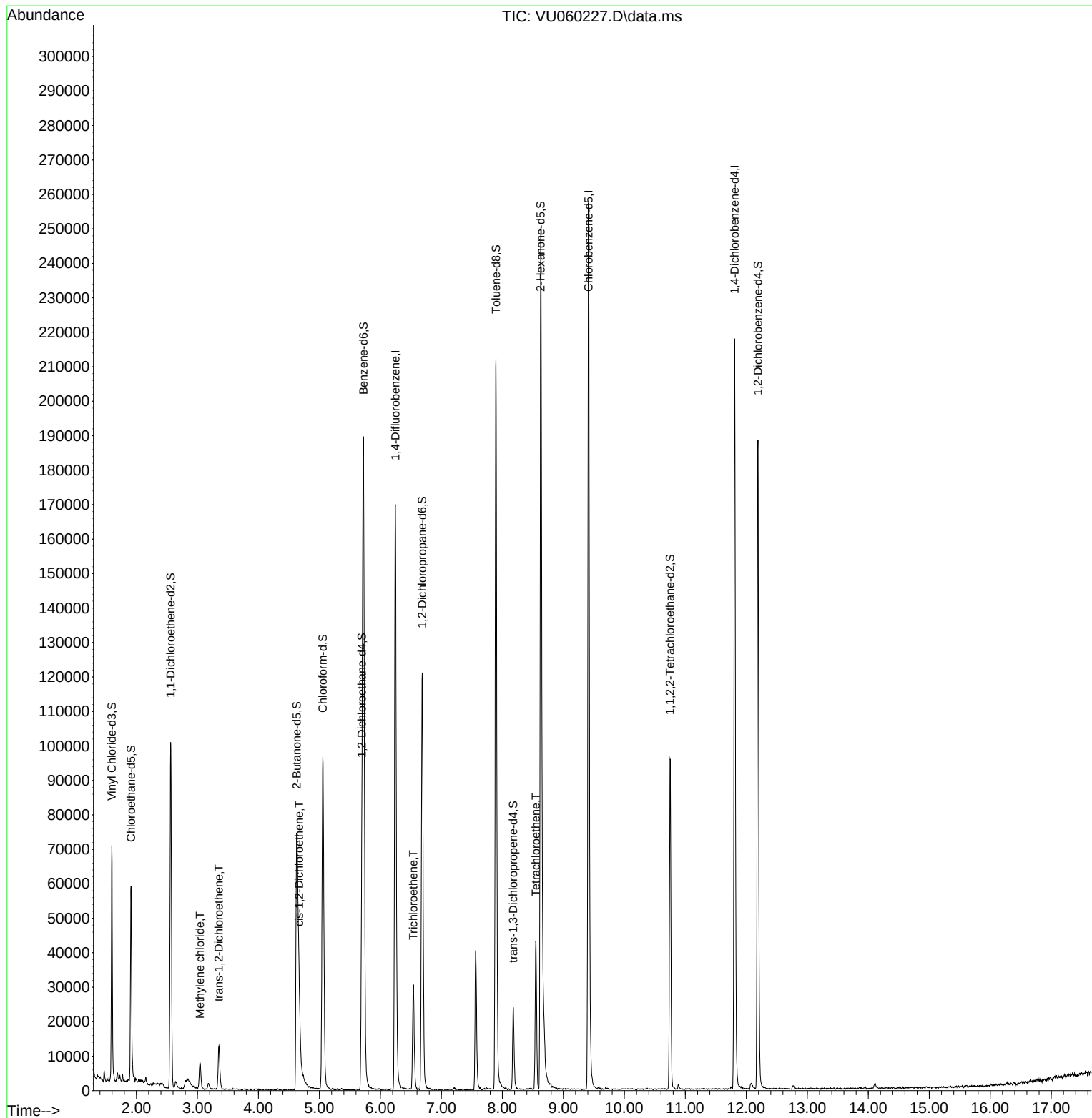
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	146427	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	152706	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	61536	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	48021	4.714	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.200%
7) Chloroethane-d5	1.911	69	43499	4.596	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.560	65	18942	4.762	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	4.628	46	127292	53.442	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.880%
24) Chloroform-d	5.055	84	93363	4.360	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.695	65	46622	4.676	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.721	84	186923	4.569	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.685	67	64490	4.947	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.894	98	148920	4.028	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	8.177	79	15599	3.515	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.200%
46) 2-Hexanone-d5	8.627	63	87663	44.514	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.020%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	52144	4.494	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	54154	4.875	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						Qvalue
16) Methylene chloride	3.039	84	4296	0.314	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	5851	0.503	ug/L	97
22) cis-1,2-Dichloroethene	4.666	96	6832	0.525	ug/L	89
34) Trichloroethene	6.541	95	11258	0.841	ug/L	87
47) Tetrachloroethene	8.547	164	9965	0.901	ug/L	88

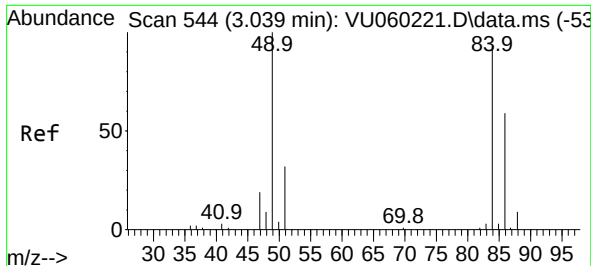
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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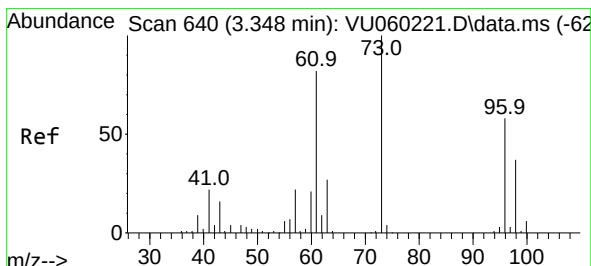
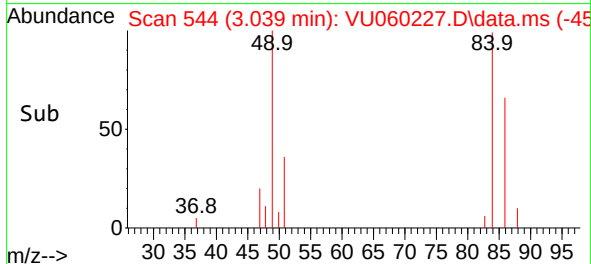
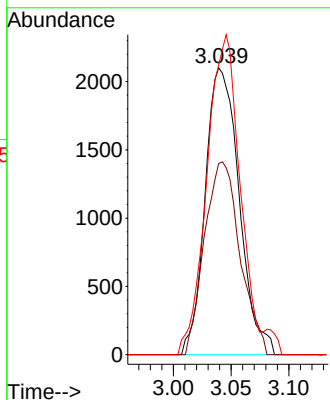
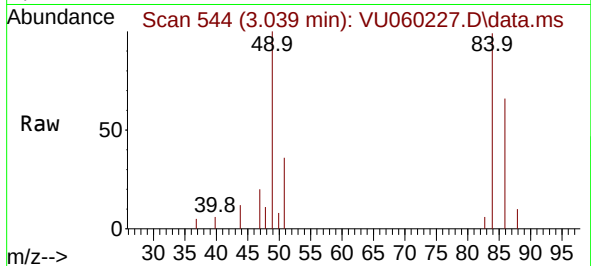




#16
Methylene chloride
Concen: 0.314 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU060227.D
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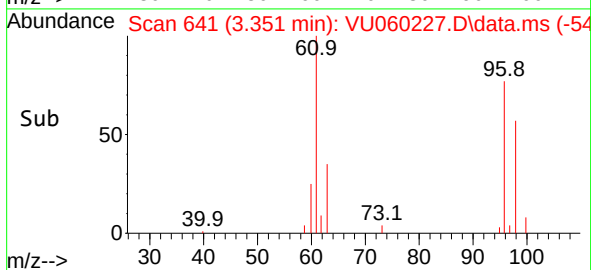
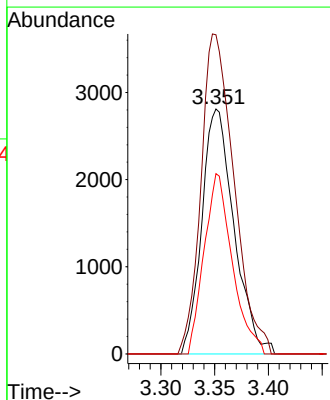
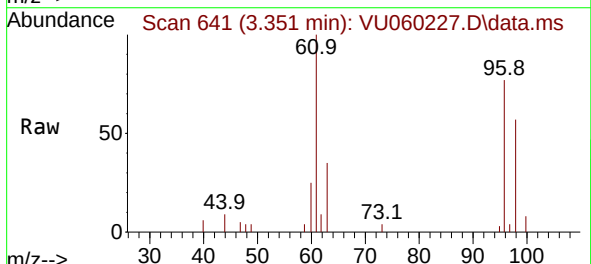
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YDZG3

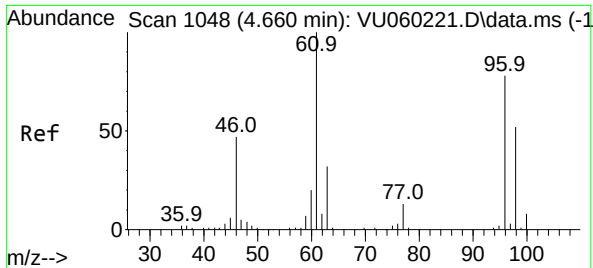
Tgt Ion:	84	Resp:	4296
Ion	Ratio	Lower	Upper
84	100		
86	66.6	44.4	82.5
49	100.8	72.0	133.6



#18
trans-1,2-Dichloroethene
Concen: 0.503 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU060227.D
Acq: 26 Jul 2024 16:36

Tgt Ion:	96	Resp:	5851
Ion	Ratio	Lower	Upper
96	100		
61	130.2	91.6	170.0
98	73.6	47.7	88.5

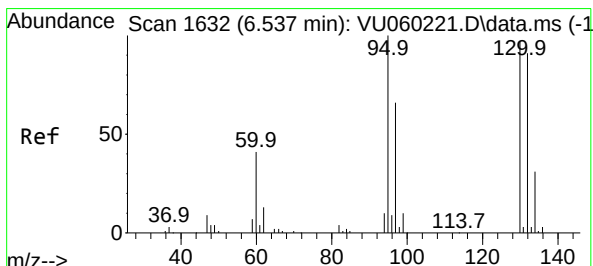
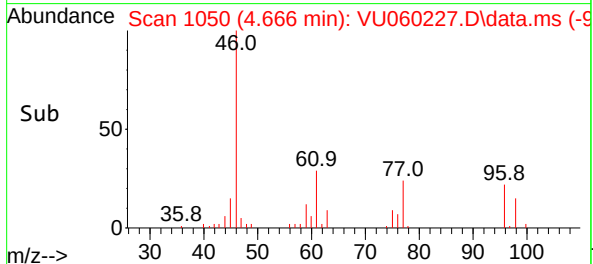
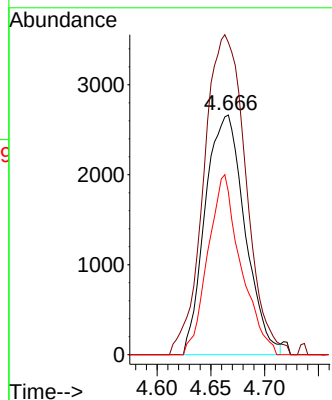
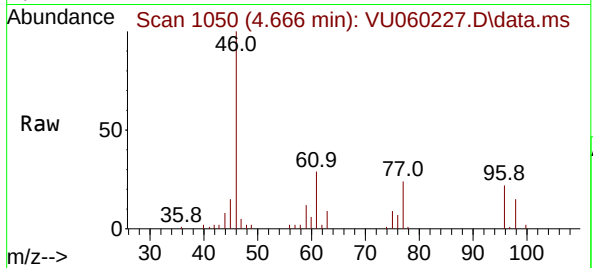




#22
 cis-1,2-Dichloroethene
 Concen: 0.525 ug/L
 RT: 4.666 min Scan# 1048
 Delta R.T. 0.007 min
 Lab File: VU060227.D
 Acq: 26 Jul 2024 16:36

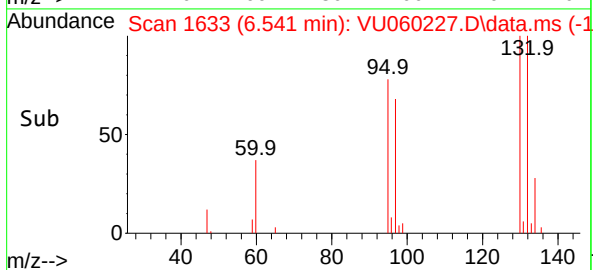
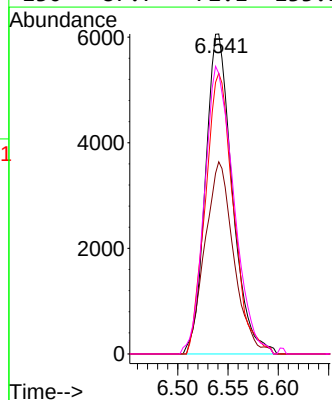
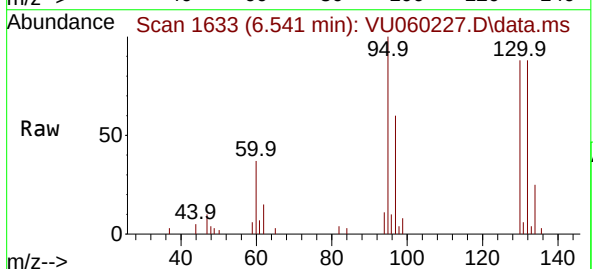
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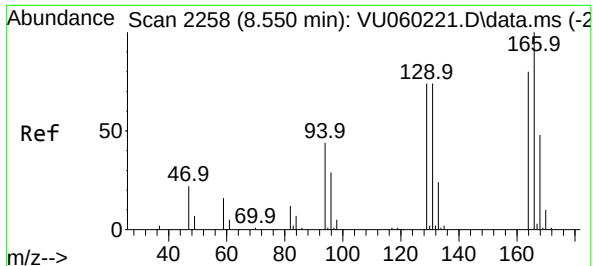
Tgt Ion: 96 Resp: 6832
 Ion Ratio Lower Upper
 96 100
 61 130.2 80.2 148.9
 98 67.9 44.7 83.1



#34
 Trichloroethene
 Concen: 0.841 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.003 min
 Lab File: VU060227.D
 Acq: 26 Jul 2024 16:36

Tgt Ion: 95 Resp: 11258
 Ion Ratio Lower Upper
 95 100
 97 60.0 45.9 85.3
 132 87.7 71.4 132.6
 130 87.7 72.1 133.9





#47
 Tetrachloroethene
 Concen: 0.901 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU060227.D
 Acq: 26 Jul 2024 16:36

Instrument :
 MSVOA_U
 ClientSampleId :
 YDZG3

Tgt Ion:164	Resp:	9965
Ion	Ratio	Lower Upper
164	100	
129	105.8	64.6 120.0
131	102.4	61.2 113.8
166	134.9	88.6 164.6

