

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
 Data File : VU052569.D
 Acq On : 27 Dec 2022 17:02
 Operator : JC/MD
 Sample : N6170-05DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQB2DL

Quant Time: Dec 28 01:22:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 28 01:18:16 2022
 Response via : Initial Calibration

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

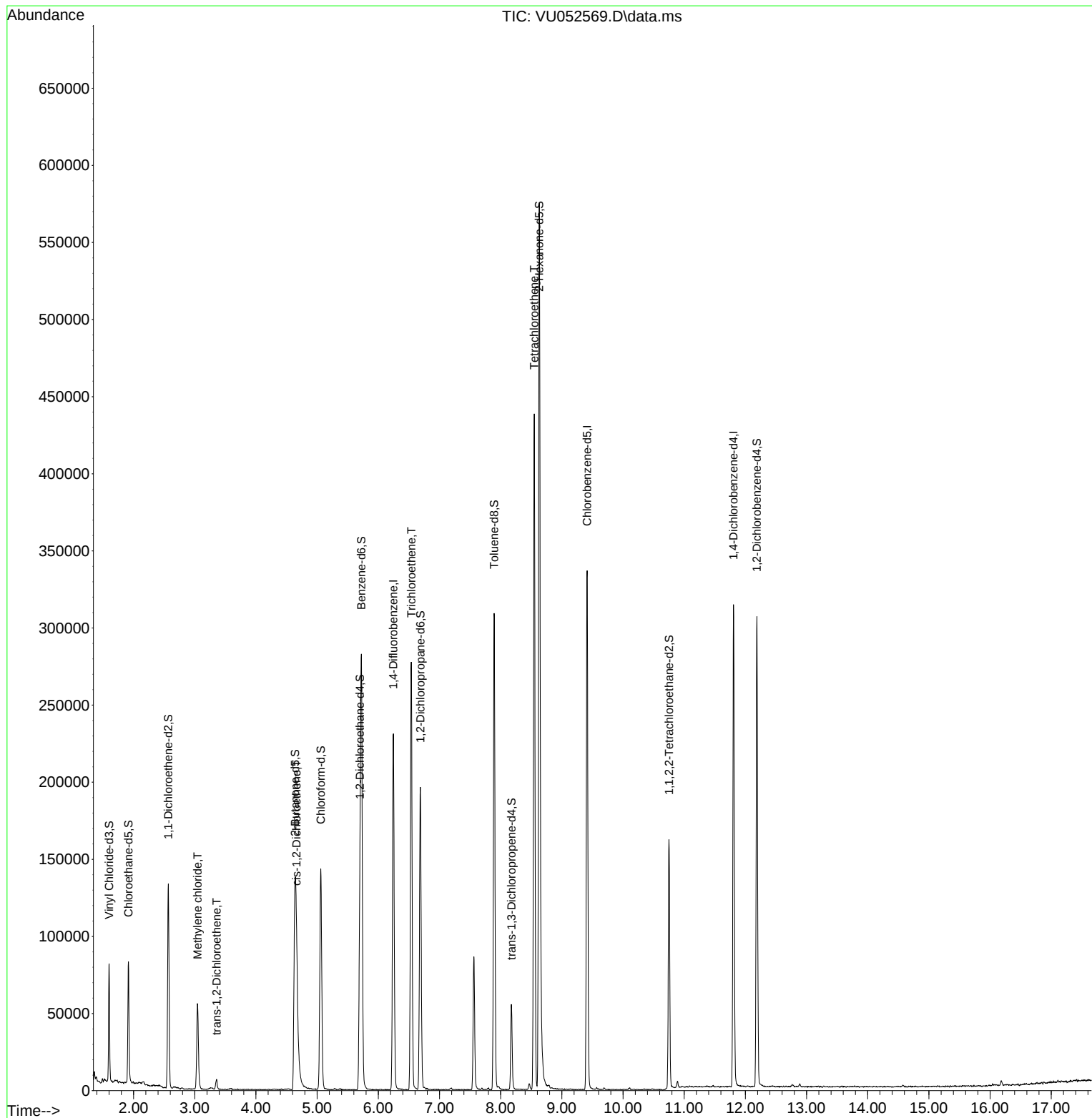
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	178674	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	178958	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	76694	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	53924	2.979	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.600%
7) Chloroethane-d5	1.916	69	58672	3.758	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.200%
11) 1,1-Dichloroethene-d2	2.568	65	26281	3.374	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.400%
20) 2-Butanone-d5	4.639	46	290992	51.839	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.680%
24) Chloroform-d	5.060	84	133439	4.369	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.700	65	79395	4.482	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.723	84	259157	4.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.687	67	95110	4.503	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.893	98	200049	3.884	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	8.176	79	31540	4.361	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.629	63	195979	49.530	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.060%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	81249	4.531	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	77634	4.972	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.044	84	25465	1.347	ug/L	100
18) trans-1,2-Dichloroethene	3.359	96	2301	0.167	ug/L	93
22) cis-1,2-Dichloroethene	4.665	96	10793	0.713	ug/L	89
34) Trichloroethene	6.539	95	95594	6.344	ug/L	99
47) Tetrachloroethene	8.549	164	91850	8.732	ug/L	98

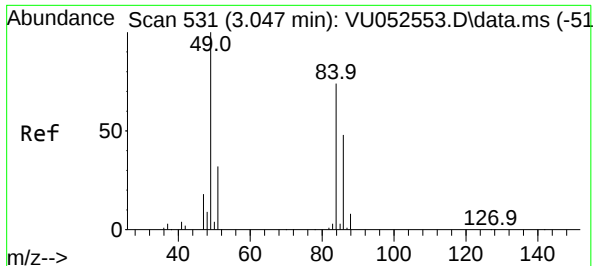
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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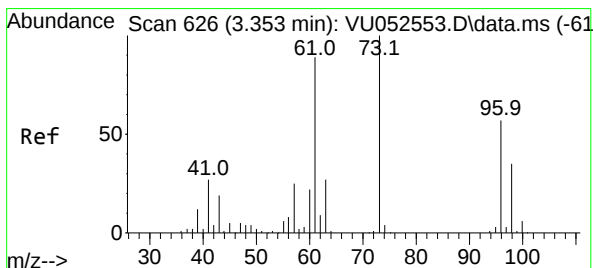
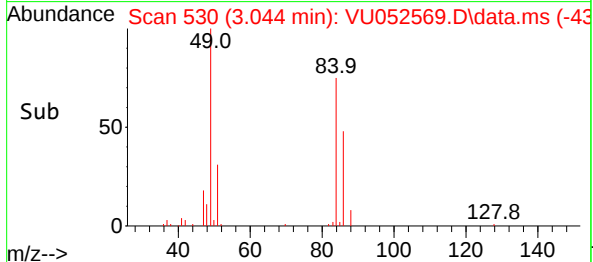
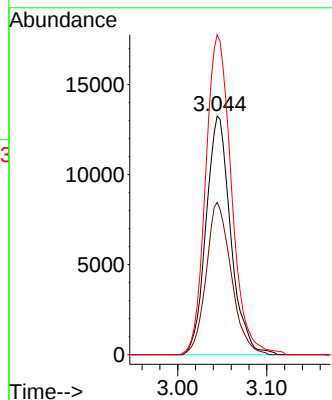
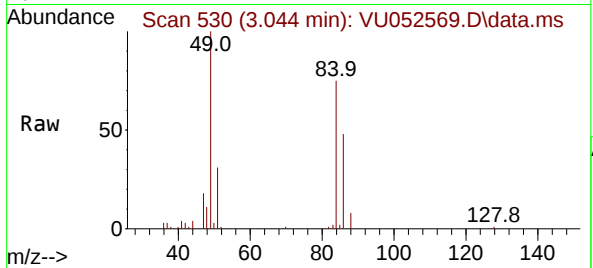




#16
Methylene chloride
Concen: 1.347 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU052569.D
Acq: 27 Dec 2022 17:02

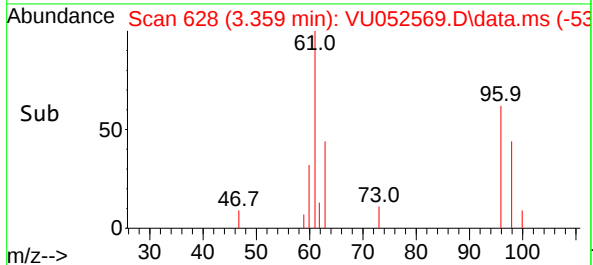
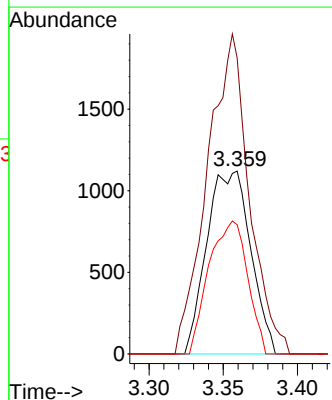
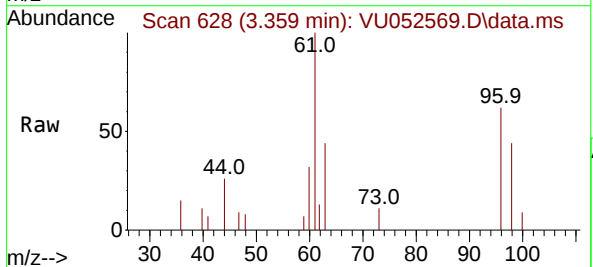
Instrument :
MSVOA_U
ClientSampleId :
GBQB2DL

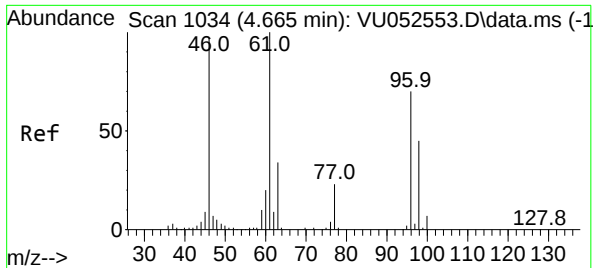
Tgt Ion: 84 Resp: 25465
Ion Ratio Lower Upper
84 100
86 63.8 44.7 83.1
49 134.1 93.3 173.3



#18
trans-1,2-Dichloroethene
Concen: 0.167 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.007 min
Lab File: VU052569.D
Acq: 27 Dec 2022 17:02

Tgt Ion: 96 Resp: 2301
Ion Ratio Lower Upper
96 100
61 161.8 108.3 201.1
98 70.7 44.0 81.6

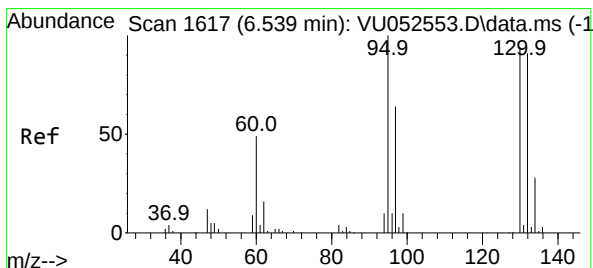
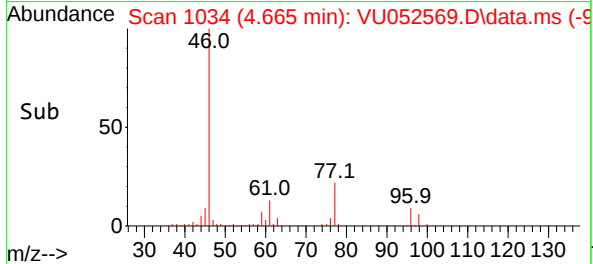
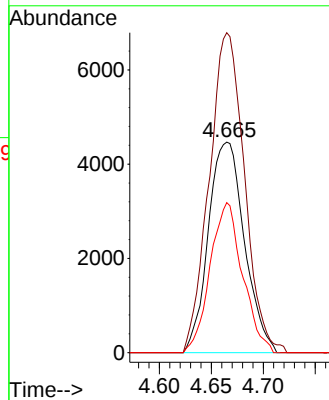
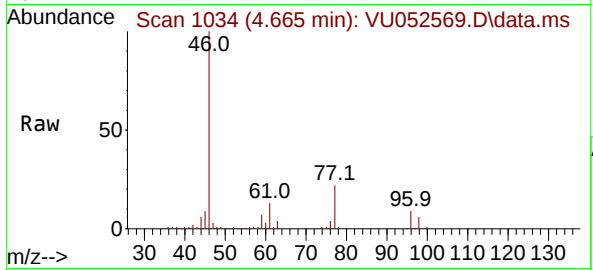




#22
cis-1,2-Dichloroethene
Concen: 0.713 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU052569.D
Acq: 27 Dec 2022 17:02

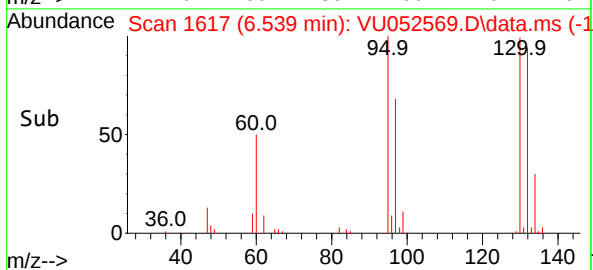
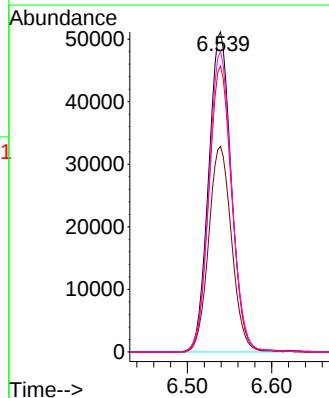
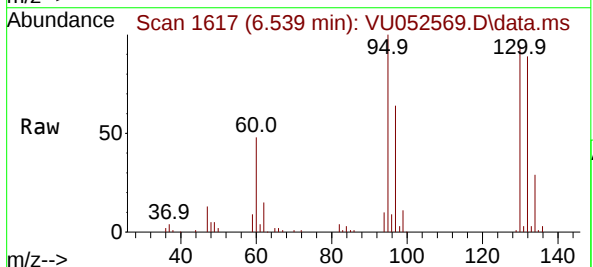
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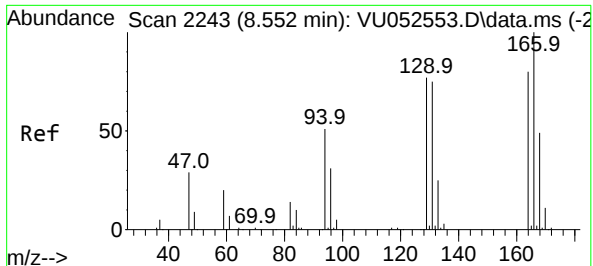
Tgt Ion: 96 Resp: 10793
Ion Ratio Lower Upper
96 100
61 152.0 96.9 180.1
98 71.2 44.7 83.1



#34
Trichloroethene
Concen: 6.344 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052569.D
Acq: 27 Dec 2022 17:02

Tgt Ion: 95 Resp: 95594
Ion Ratio Lower Upper
95 100
97 64.2 46.3 86.1
132 89.4 63.9 118.7
130 93.9 65.9 122.5





#47
Tetrachloroethene
Concen: 8.732 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052569.D
Acq: 27 Dec 2022 17:02

Instrument :
MSVOA_U
ClientSampleId :
GBQB2DL

Tgt Ion:164	Resp:	91850
Ion	Ratio	Lower Upper
164	100	
129	100.1	68.1 126.5
131	94.1	66.5 123.5
166	126.8	87.9 163.3

