

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
 Data File : VU052535.D
 Acq On : 23 Dec 2022 14:26
 Operator : JC/MD
 Sample : N6169-15DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQA6DL

Quant Time: Dec 24 03:56:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 24 03:53:16 2022
 Response via : Initial Calibration

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

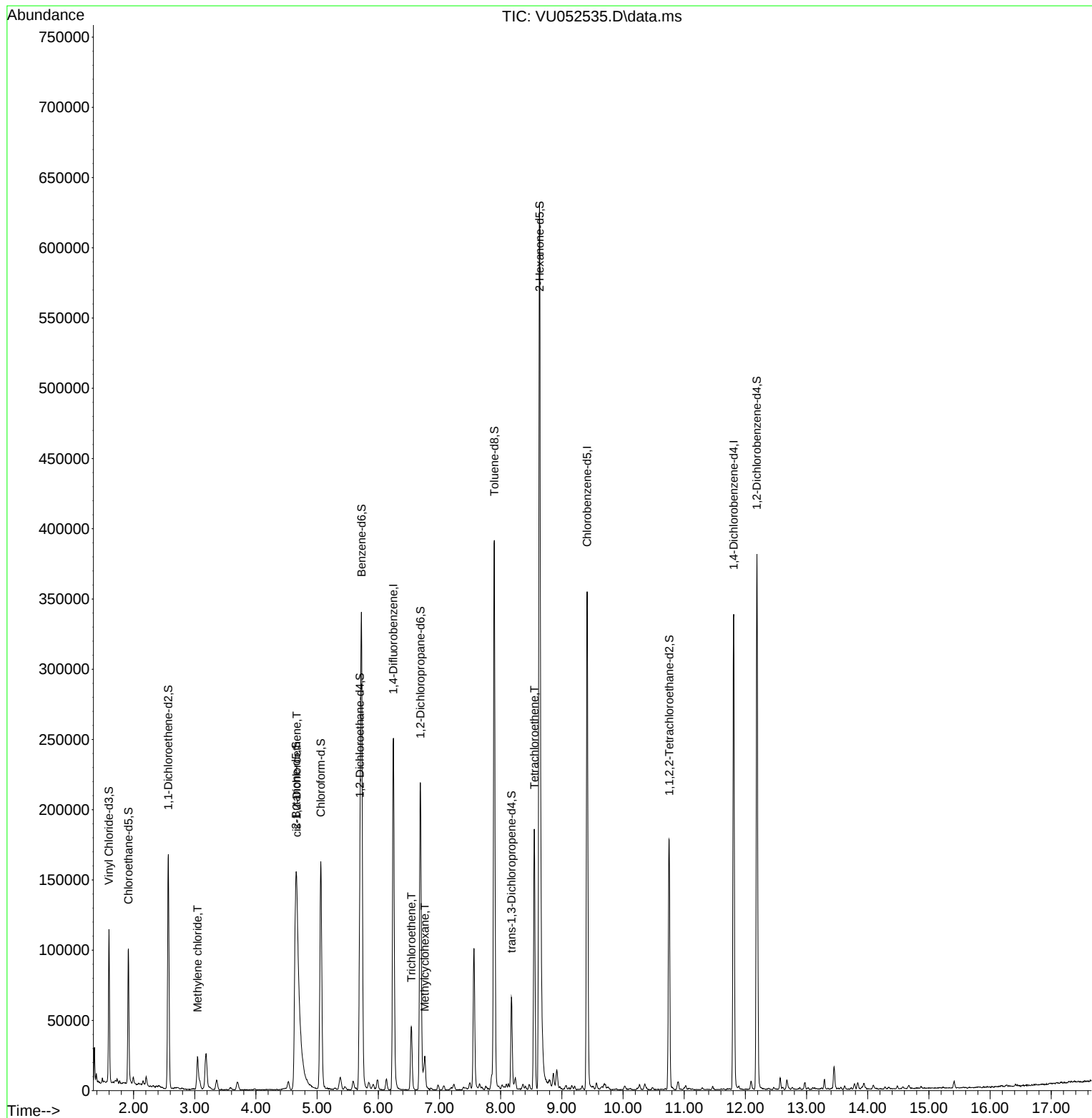
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	195452	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	188390	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	84292	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	73066	3.690	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.800%
7) Chloroethane-d5	1.916	69	71577	4.192	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.568	65	32642	3.831	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.600%
20) 2-Butanone-d5	4.655	46	335468	54.632	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.260%
24) Chloroform-d	5.060	84	152652	4.569	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.700	65	89926	4.640	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.726	84	308400	4.775	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.687	67	109724	4.935	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.896	98	253428	4.674	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	8.176	79	37080	4.870	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.636	63	234870	56.387	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.780%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	92154	4.882	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	93979	5.476	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.600%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.044	84	10680	0.516	ug/L	89
22) cis-1,2-Dichloroethene	4.668	96	12024	0.726	ug/L	92
34) Trichloroethene	6.539	95	15455	0.974	ug/L	96
35) Methylcyclohexane	6.761	83	8524	0.356	ug/L	90
47) Tetrachloroethene	8.552	164	39570	3.574	ug/L	99

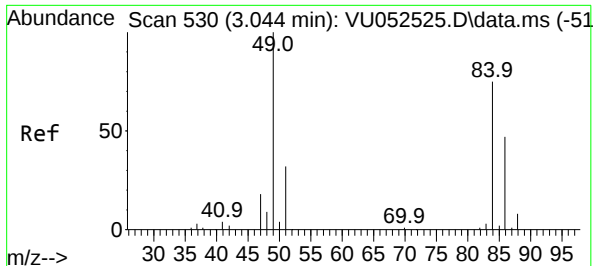
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Dec 24 03:53:16 2022
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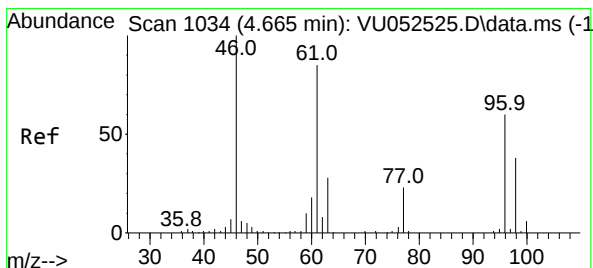
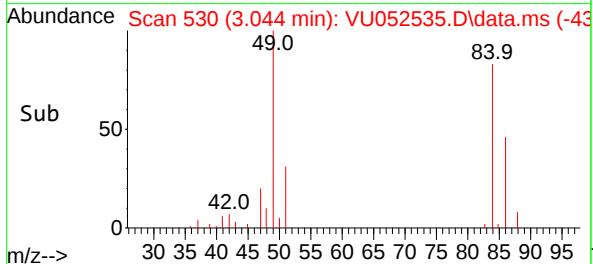
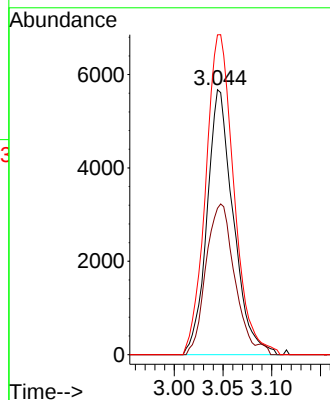
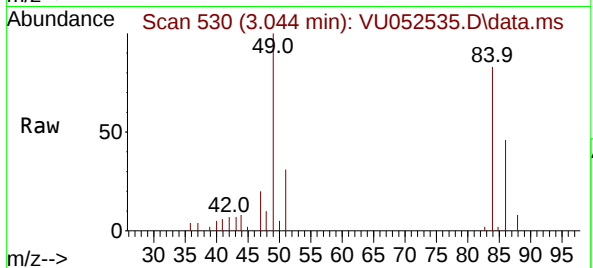




#16
Methylene chloride
Concen: 0.516 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU052535.D
Acq: 23 Dec 2022 14:26

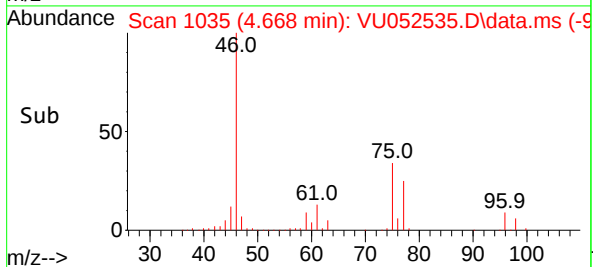
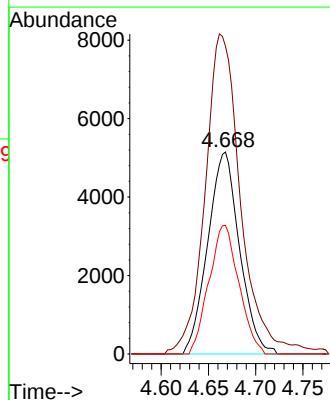
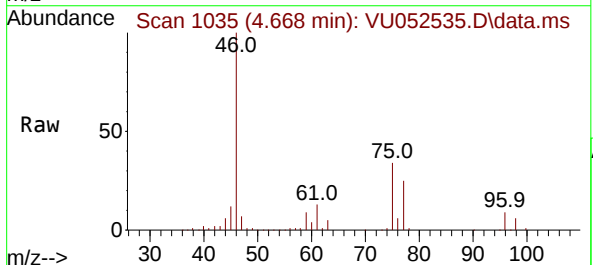
Instrument :
MSVOA_U
ClientSampleId :
GBQA6DL

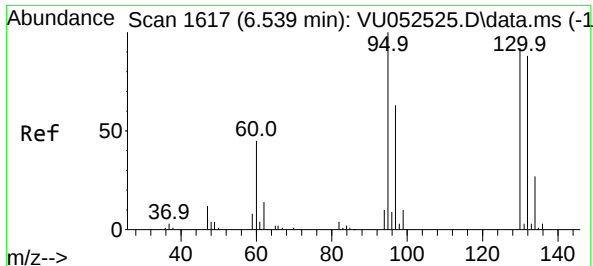
Tgt Ion: 84 Resp: 10680
Ion Ratio Lower Upper
84 100
86 55.3 44.7 83.1
49 120.7 93.3 173.3



#22
cis-1,2-Dichloroethene
Concen: 0.726 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU052535.D
Acq: 23 Dec 2022 14:26

Tgt Ion: 96 Resp: 12024
Ion Ratio Lower Upper
96 100
61 152.4 96.9 180.1
98 63.7 44.7 83.1



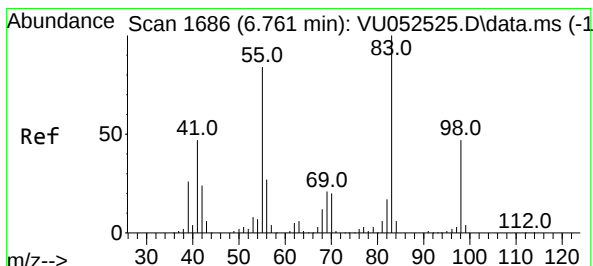
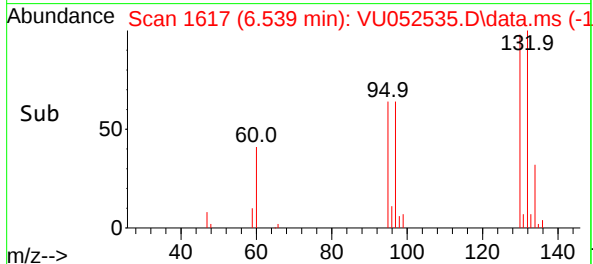
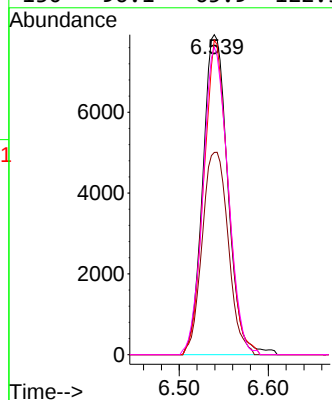
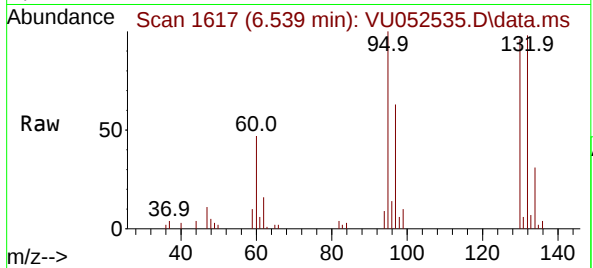


#34
Trichloroethene
Concen: 0.974 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052535.D
Acq: 23 Dec 2022 14:26

Instrument :
MSVOA_U
ClientSampleId :
GBQA6DL

Tgt Ion: 95 Resp: 15455

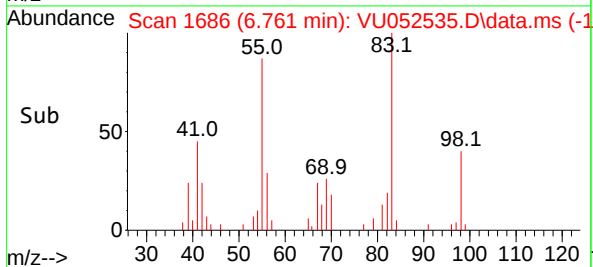
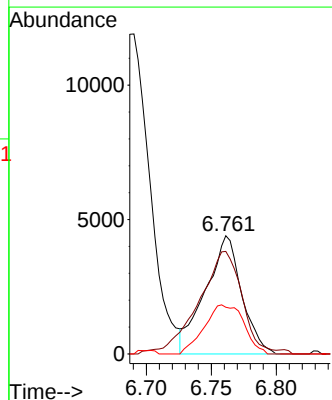
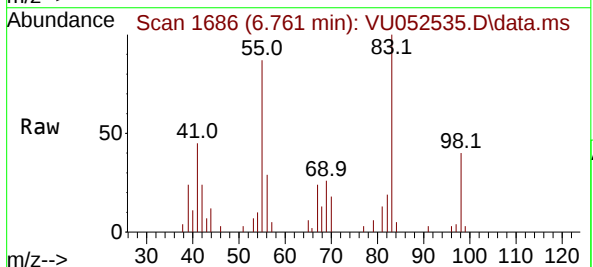
Ion	Ratio	Lower	Upper
95	100		
97	63.2	46.3	86.1
132	98.3	63.9	118.7
130	96.1	65.9	122.5

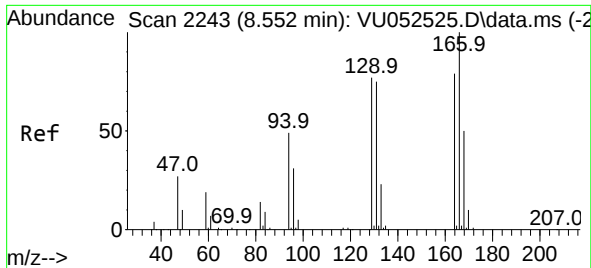


#35
Methylcyclohexane
Concen: 0.356 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU052535.D
Acq: 23 Dec 2022 14:26

Tgt Ion: 83 Resp: 8524

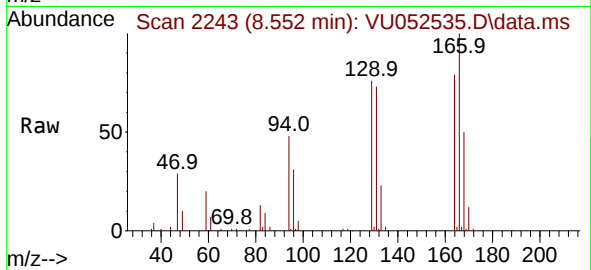
Ion	Ratio	Lower	Upper
83	100		
55	103.4	71.4	107.0
98	45.3	36.5	54.7





#47
 Tetrachloroethene
 Concen: 3.574 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU052535.D
 Acq: 23 Dec 2022 14:26

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQA6DL



Tgt Ion:	164	Resp:	39570
Ion	Ratio	Lower	Upper
164	100		
129	96.1	68.1	126.5
131	92.5	66.5	123.5
166	126.2	87.9	163.3

