

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
 Data File : VU052570.D
 Acq On : 27 Dec 2022 17:25
 Operator : JC/MD
 Sample : N6170-06DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQB3DL

Quant Time: Dec 28 01:23:07 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)

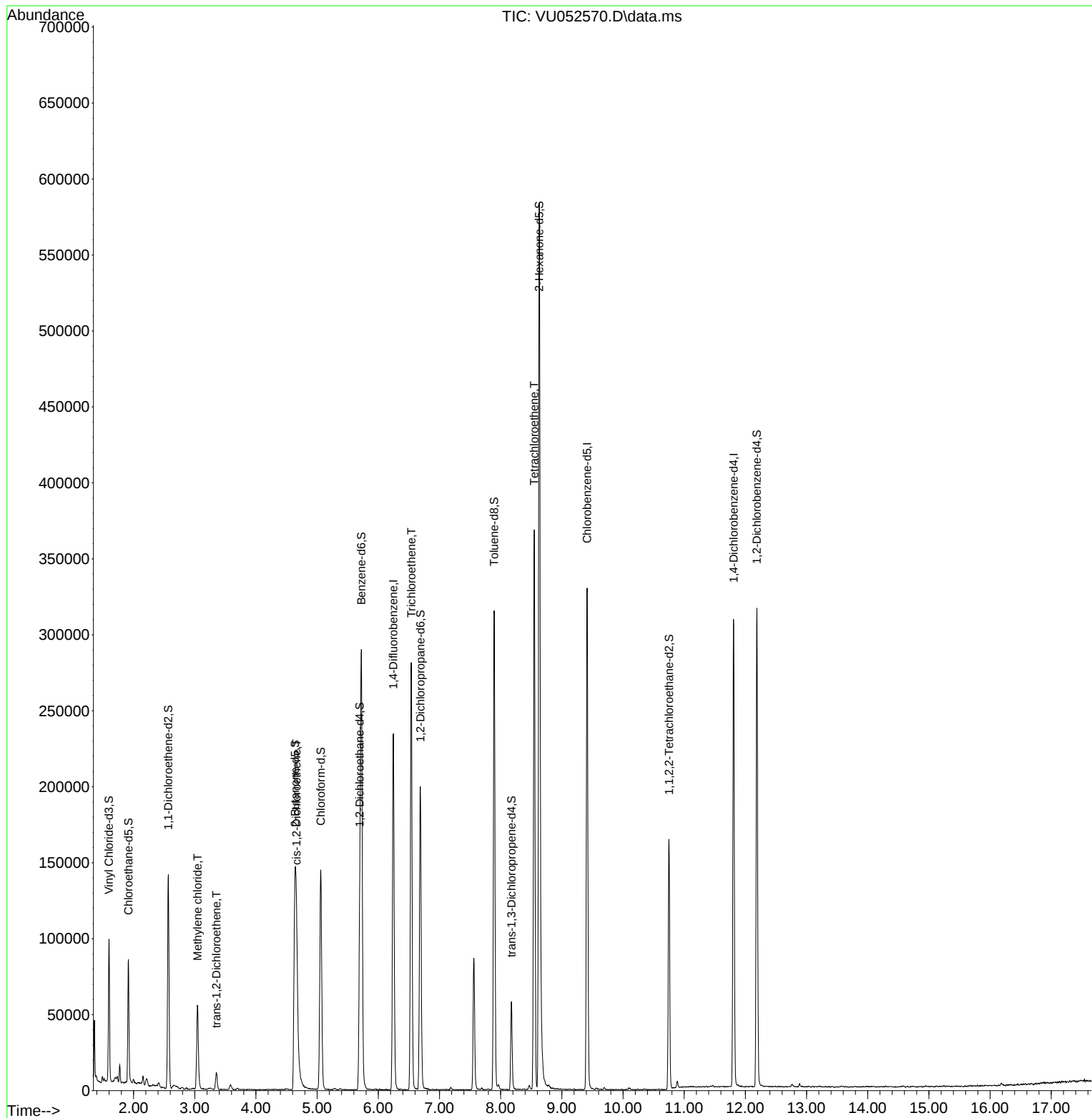
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	177761	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	177506	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	77696	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	57460	3.191	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.800%
7) Chloroethane-d5	1.916	69	60880	3.920	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.400%
11) 1,1-Dichloroethene-d2	2.568	65	27949	3.607	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%
20) 2-Butanone-d5	4.639	46	294668	52.764	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.520%
24) Chloroform-d	5.060	84	134797	4.436	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.697	65	81714	4.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.723	84	264286	4.343	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.687	67	97088	4.634	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.893	98	206972	4.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	8.176	79	31817	4.435	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.629	63	202189	51.517	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.040%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	82382	4.632	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	79138	5.003	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.044	84	26254	1.396	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	4048	0.295	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	19514	1.296	ug/L	99
34) Trichloroethene	6.539	95	97567	6.528	ug/L	99
47) Tetrachloroethene	8.549	164	78446	7.519	ug/L	96

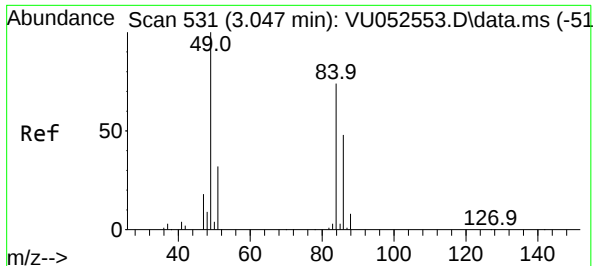
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 28 01:18:16 2022
Response via : Initial Calibration

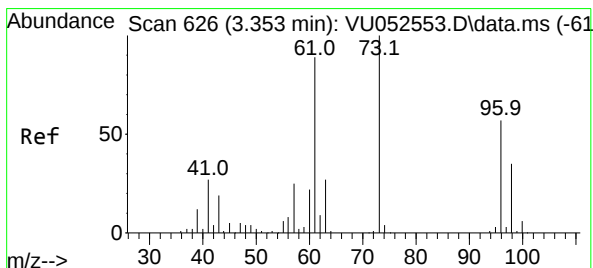
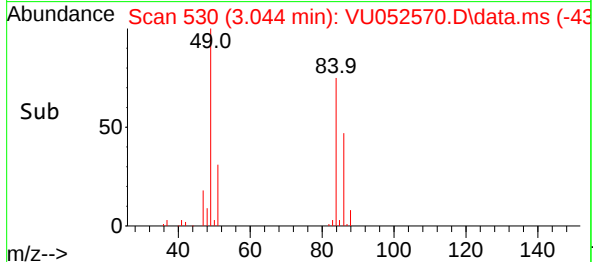
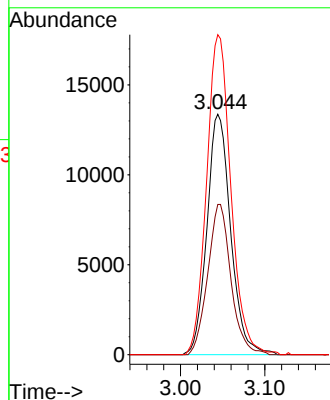
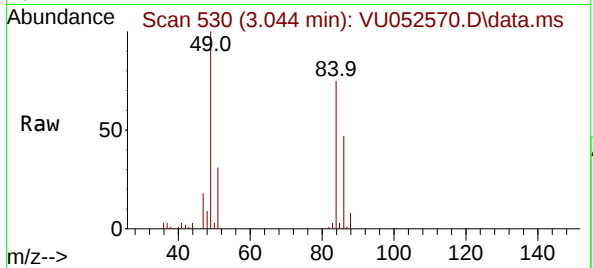




#16
Methylene chloride
Concen: 1.396 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU052570.D
Acq: 27 Dec 2022 17:25

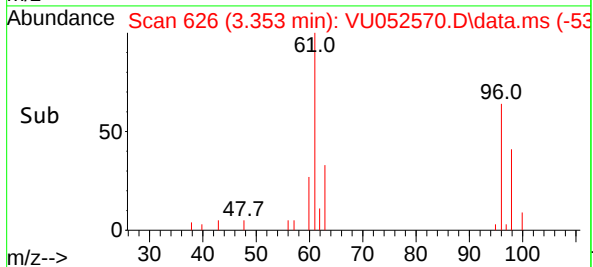
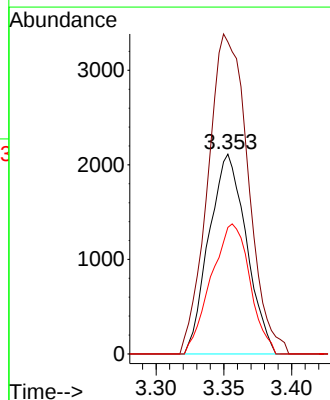
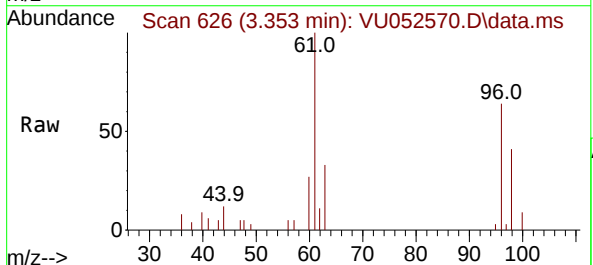
Instrument :
MSVOA_U
ClientSampleId :
GBQB3DL

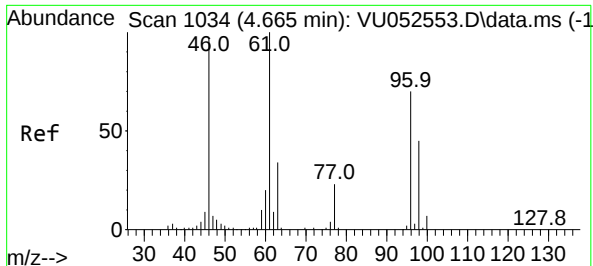
Tgt Ion: 84 Resp: 26254
Ion Ratio Lower Upper
84 100
86 62.4 44.7 83.1
49 133.0 93.3 173.3



#18
trans-1,2-Dichloroethene
Concen: 0.295 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.000 min
Lab File: VU052570.D
Acq: 27 Dec 2022 17:25

Tgt Ion: 96 Resp: 4048
Ion Ratio Lower Upper
96 100
61 156.2 108.3 201.1
98 63.4 44.0 81.6

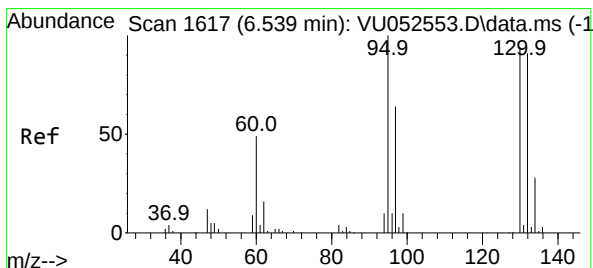
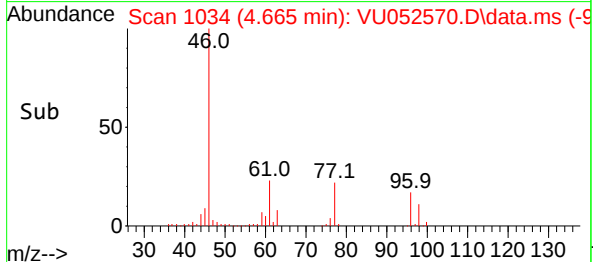
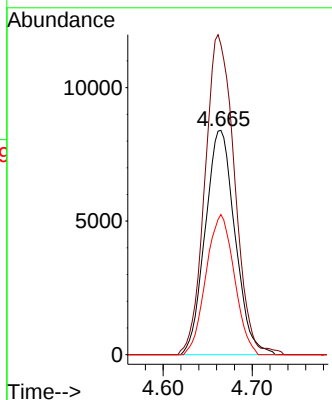
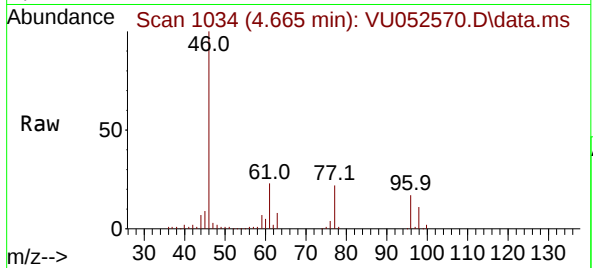




#22
 cis-1,2-Dichloroethene
 Concen: 1.296 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU052570.D
 Acq: 27 Dec 2022 17:25

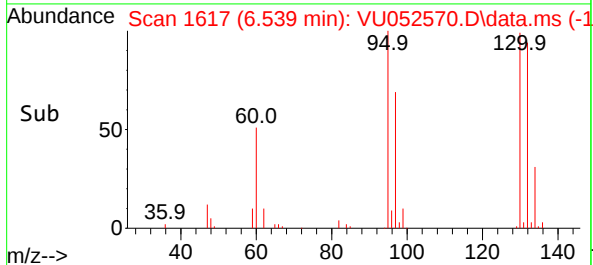
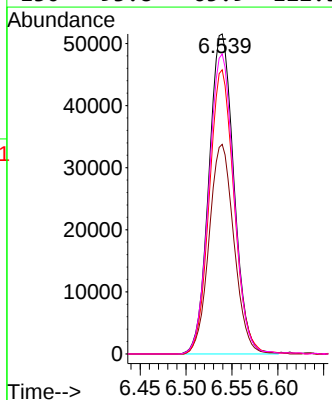
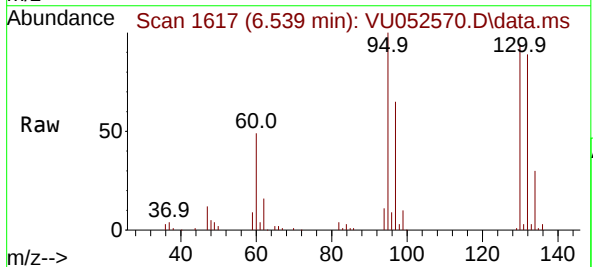
Instrument :
 MSVOA_U
 ClientSampleId :
 GBQB3DL

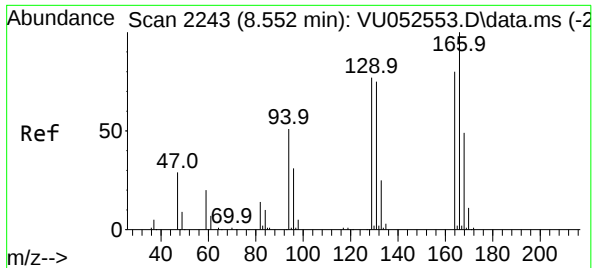
Tgt Ion: 96 Resp: 19514
 Ion Ratio Lower Upper
 96 100
 61 138.2 96.9 180.1
 98 62.5 44.7 83.1



#34
 Trichloroethene
 Concen: 6.528 ug/L
 RT: 6.539 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: VU052570.D
 Acq: 27 Dec 2022 17:25

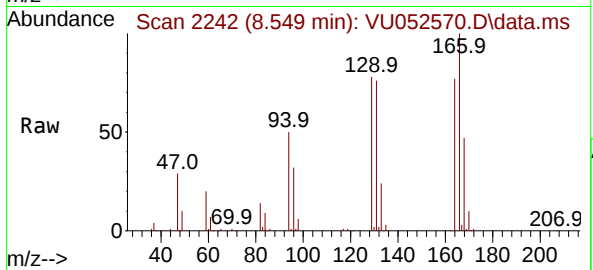
Tgt Ion: 95 Resp: 97567
 Ion Ratio Lower Upper
 95 100
 97 65.5 46.3 86.1
 132 88.8 63.9 118.7
 130 93.8 65.9 122.5





#47
 Tetrachloroethene
 Concen: 7.519 ug/L
 RT: 8.549 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU052570.D
 Acq: 27 Dec 2022 17:25

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQB3DL



Tgt Ion:	164	Resp:	78446
Ion	Ratio	Lower	Upper
164	100		
129	101.6	68.1	126.5
131	98.7	66.5	123.5
166	130.5	87.9	163.3

