

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121422\
 Data File : VU052402.D
 Acq On : 14 Dec 2022 15:57
 Operator : JC/MD
 Sample : N6034-03DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGPL1DL

Quant Time: Dec 14 21:40:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 14 21:38:14 2022
 Response via : Initial Calibration

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

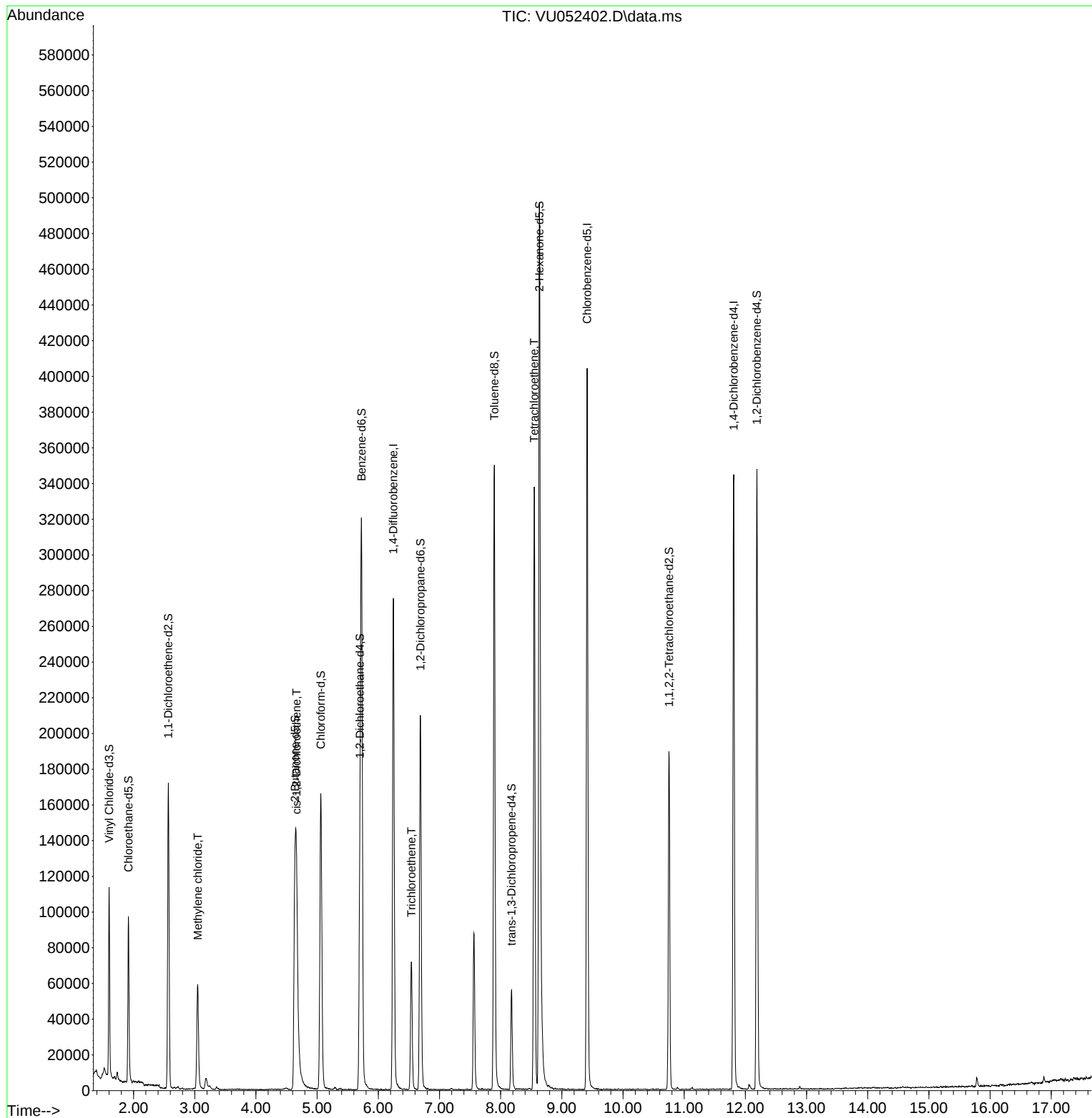
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	228272	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	233499	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	98827	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	76293	3.436	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.800%
7) Chloroethane-d5	1.916	69	70619	4.095	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.568	65	31651	3.977	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	4.639	46	248758	61.807	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.620%
24) Chloroform-d	5.060	84	160038	4.905	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.700	65	84286	5.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.726	84	312487	4.508	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.687	67	107912	5.030	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.896	98	249612	3.980	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	8.179	79	33474	4.282	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.632	63	173074	52.239	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.480%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	97636	5.249	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	96771	5.114	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
16) Methylene chloride	3.047	84	30881	1.378	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	24762	1.329	ug/L	89
34) Trichloroethene	6.539	95	25927	1.368	ug/L	96
47) Tetrachloroethene	8.549	164	76670	5.278	ug/L	99

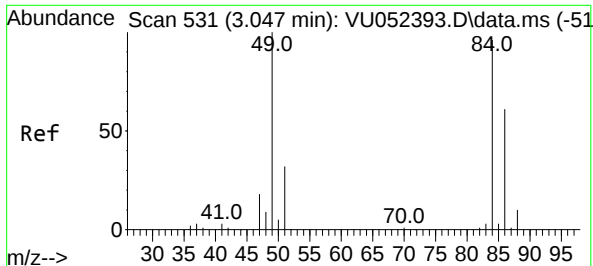
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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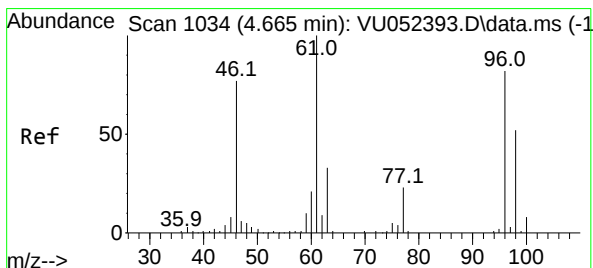
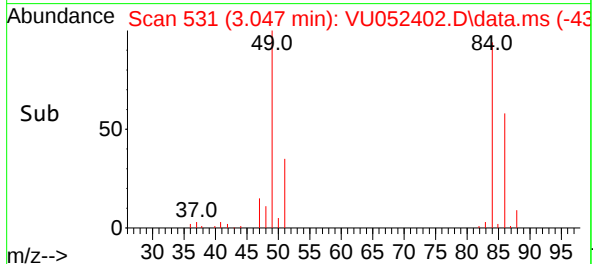
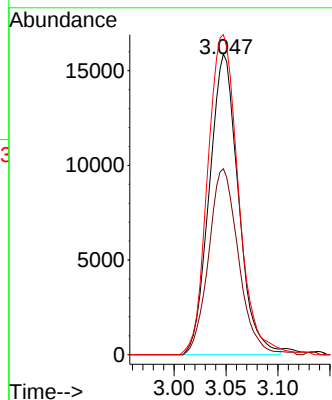
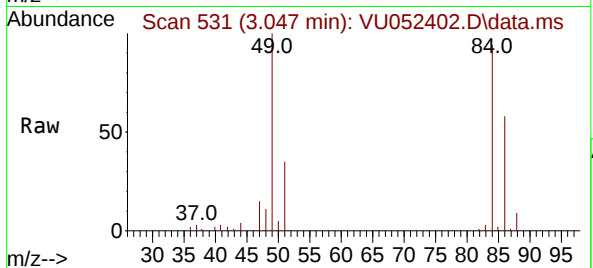




#16
Methylene chloride
Concen: 1.378 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU052402.D
Acq: 14 Dec 2022 15:57

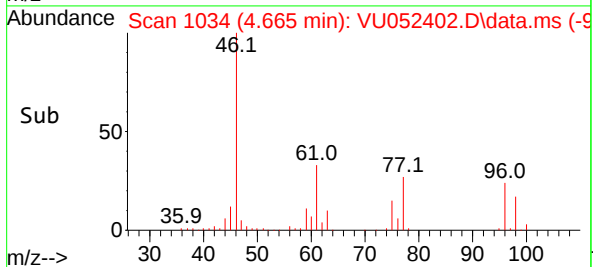
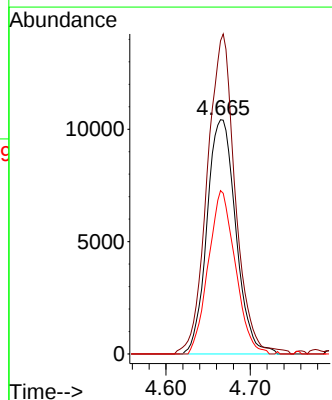
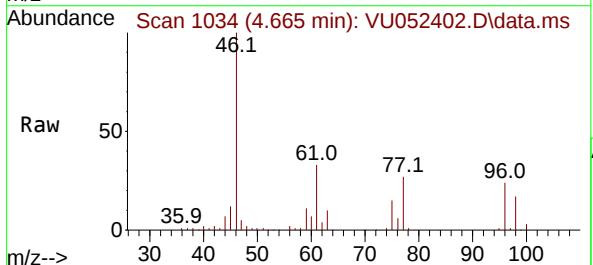
Instrument :
MSVOA_U
ClientSampleId :
BGPL1DL

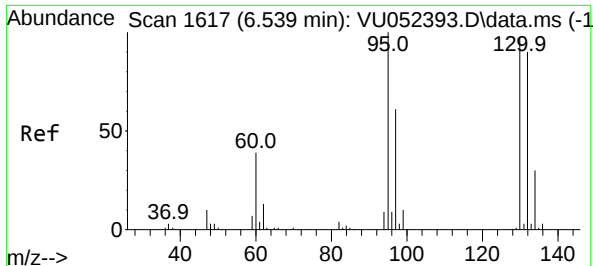
Tgt Ion: 84 Resp: 30881
Ion Ratio Lower Upper
84 100
86 61.8 43.8 81.4
49 106.4 75.9 141.1



#22
cis-1,2-Dichloroethene
Concen: 1.329 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU052402.D
Acq: 14 Dec 2022 15:57

Tgt Ion: 96 Resp: 24762
Ion Ratio Lower Upper
96 100
61 133.7 85.1 158.1
98 69.8 42.8 79.6



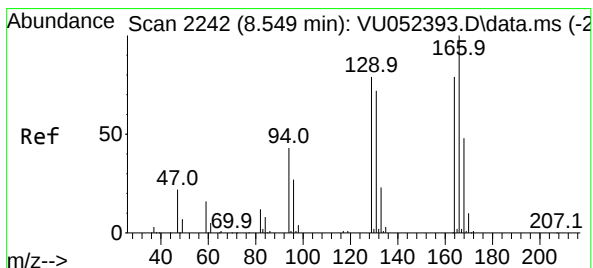
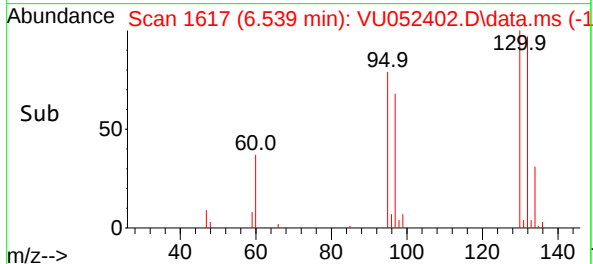
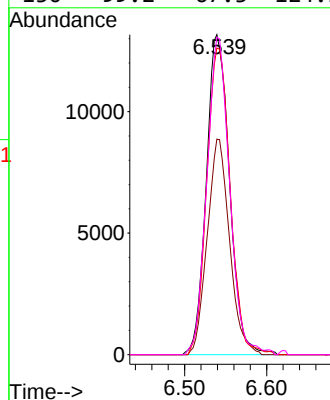
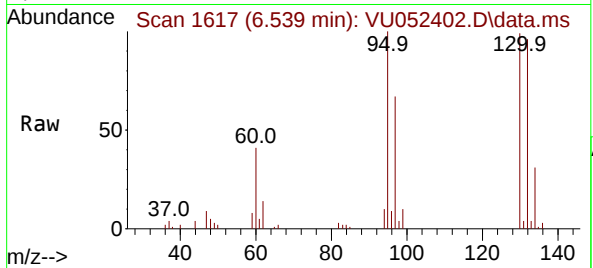


#34
Trichloroethene
Concen: 1.368 ug/L
RT: 6.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052402.D
Acq: 14 Dec 2022 15:57

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 95 Resp: 25927

Ion	Ratio	Lower	Upper
95	100		
97	67.3	43.7	81.1
132	95.9	64.3	119.3
130	99.2	67.3	124.9



#47
Tetrachloroethene
Concen: 5.278 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU052402.D
Acq: 14 Dec 2022 15:57

Tgt Ion: 164 Resp: 76670

Ion	Ratio	Lower	Upper
164	100		
129	96.4	67.4	125.2
131	93.3	67.1	124.7
166	128.6	89.7	166.5

