

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122122\
 Data File : VU052478.D
 Acq On : 21 Dec 2022 15:33
 Operator : JC/MD
 Sample : N6156-01DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXEL7DL

Quant Time: Dec 22 00:31:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 22 00:28:27 2022
 Response via : Initial Calibration

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

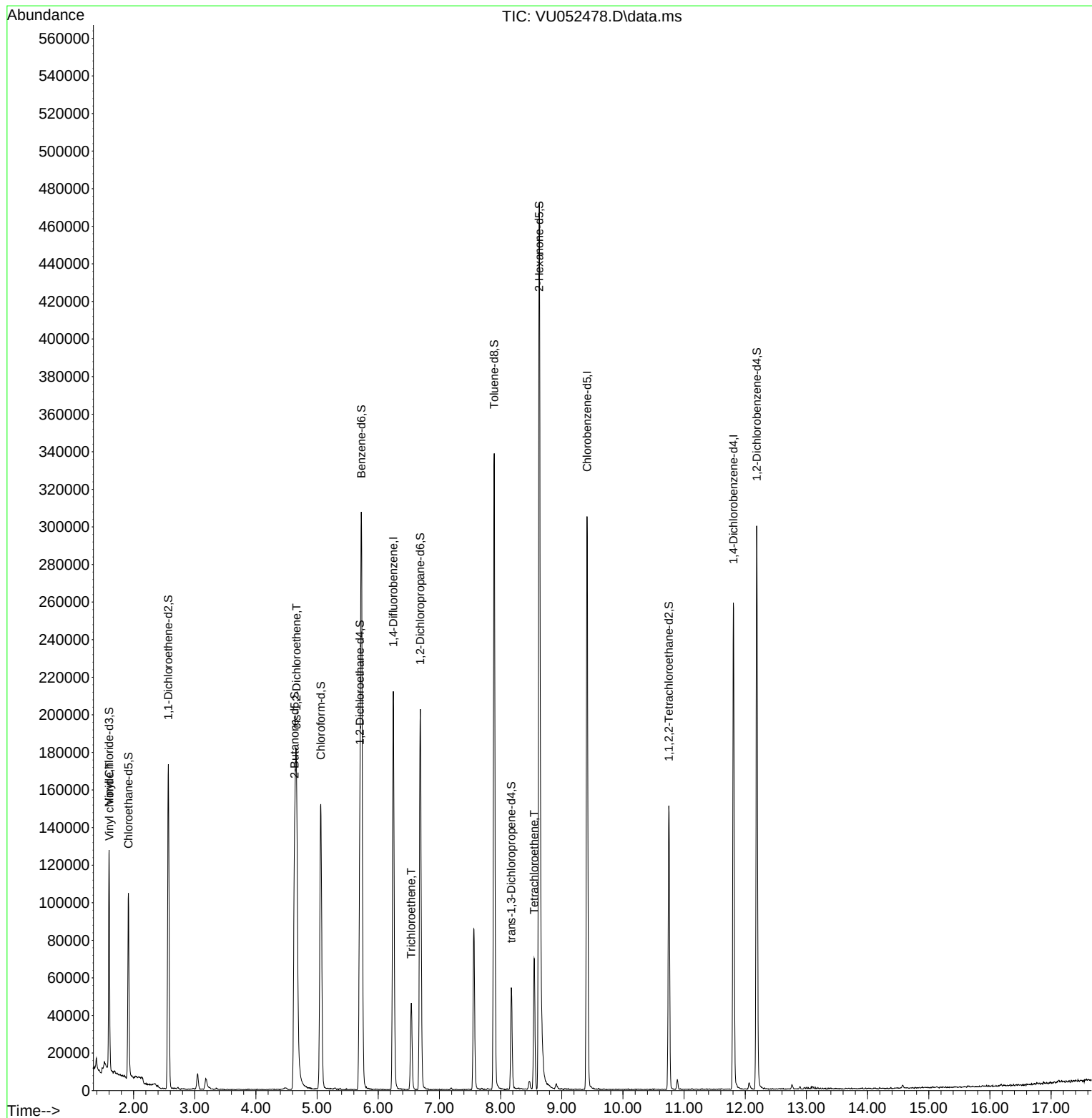
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	159647	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	161442	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	65973	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	82028	5.072	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.400%
7) Chloroethane-d5	1.915	69	72327	5.185	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.800%
11) 1,1-Dichloroethene-d2	2.568	65	34901	5.015	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.200%
20) 2-Butanone-d5	4.632	46	242407	48.331	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.660%
24) Chloroform-d	5.060	84	142484	5.221	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	5.700	65	80748	5.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.726	84	281140	5.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
36) 1,2-Dichloropropane-d6	6.687	67	97824	5.134	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.896	98	216204	4.653	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	8.176	79	30928	4.740	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.632	63	162325	45.475	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.960%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	76582	4.734	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.188	152	75085	5.590	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	4153	0.223	ug/L	# 1
22) cis-1,2-Dichloroethene	4.665	96	53212	3.935	ug/L	98
34) Trichloroethene	6.539	95	15833	1.165	ug/L	98
47) Tetrachloroethene	8.549	164	15255	1.608	ug/L	94

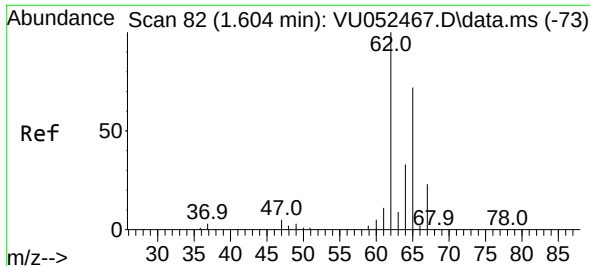
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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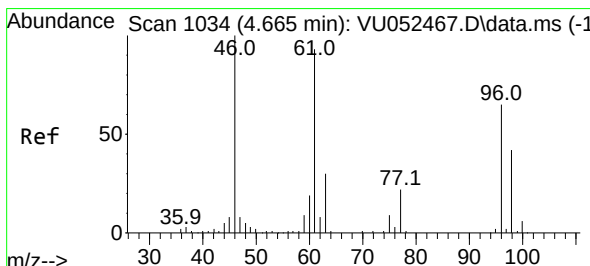
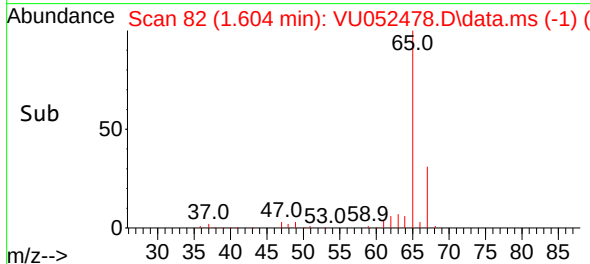
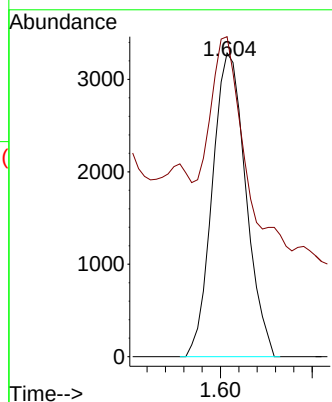
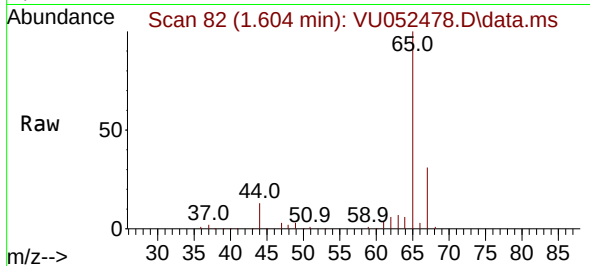




#5
 Vinyl chloride
 Concen: 0.223 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU052478.D
 Acq: 21 Dec 2022 15:33

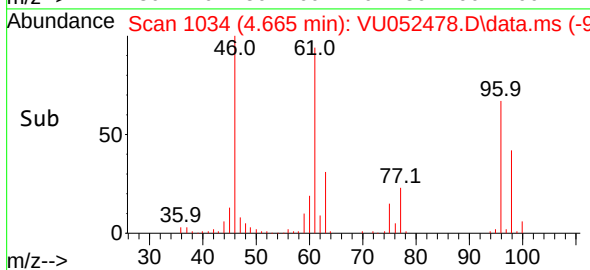
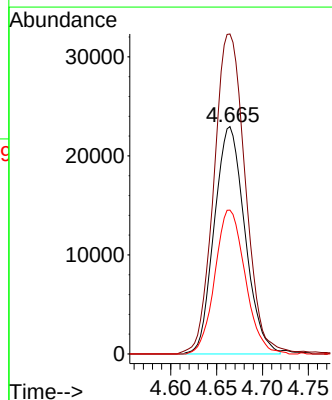
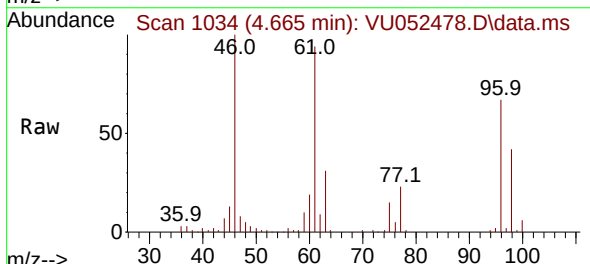
Instrument :
 MSVOA_U
 ClientSampleId :
 EXEL7DL

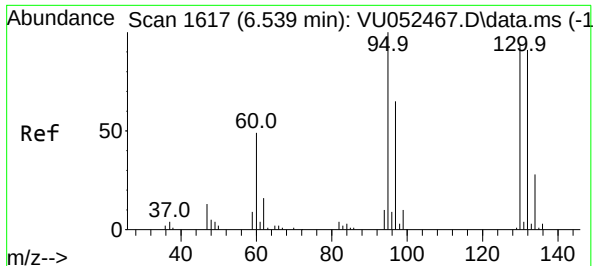
Tgt Ion: 62 Resp: 4153
 Ion Ratio Lower Upper
 62 100
 64 105.4 24.4 45.4#



#22
 cis-1,2-Dichloroethene
 Concen: 3.935 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU052478.D
 Acq: 21 Dec 2022 15:33

Tgt Ion: 96 Resp: 53212
 Ion Ratio Lower Upper
 96 100
 61 140.7 96.9 180.1
 98 63.3 44.7 83.1



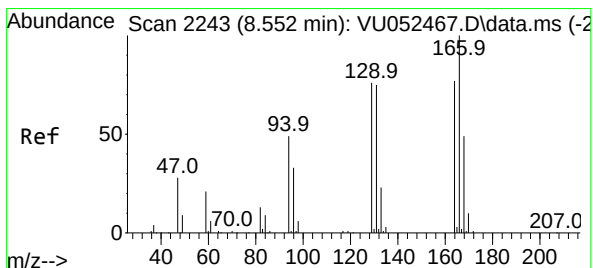
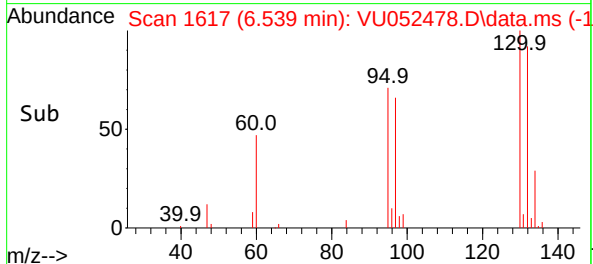
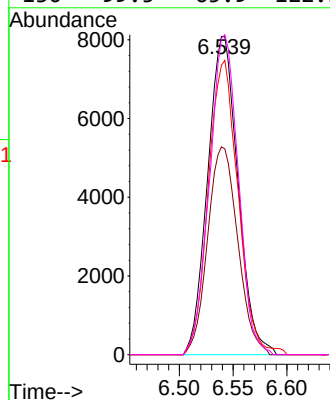
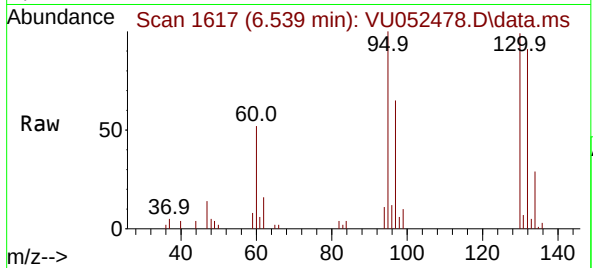


#34
Trichloroethene
Concen: 1.165 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU052478.D
Acq: 21 Dec 2022 15:33

Instrument :
MSVOA_U
ClientSampleId :
EXEL7DL

Tgt Ion: 95 Resp: 15833

Ion	Ratio	Lower	Upper
95	100		
97	65.3	46.3	86.1
132	91.0	63.9	118.7
130	99.5	65.9	122.5



#47
Tetrachloroethene
Concen: 1.608 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU052478.D
Acq: 21 Dec 2022 15:33

Tgt Ion: 164 Resp: 15255

Ion	Ratio	Lower	Upper
164	100		
129	90.1	68.1	126.5
131	90.3	66.5	123.5
166	117.8	87.9	163.3

