

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054962.D
 Acq On : 29 Aug 2023 17:24
 Operator : MD/SY
 Sample : 04173-13DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAL7DL

Quant Time: Aug 29 22:31:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 29 22:22:50 2023
 Response via : Initial Calibration

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

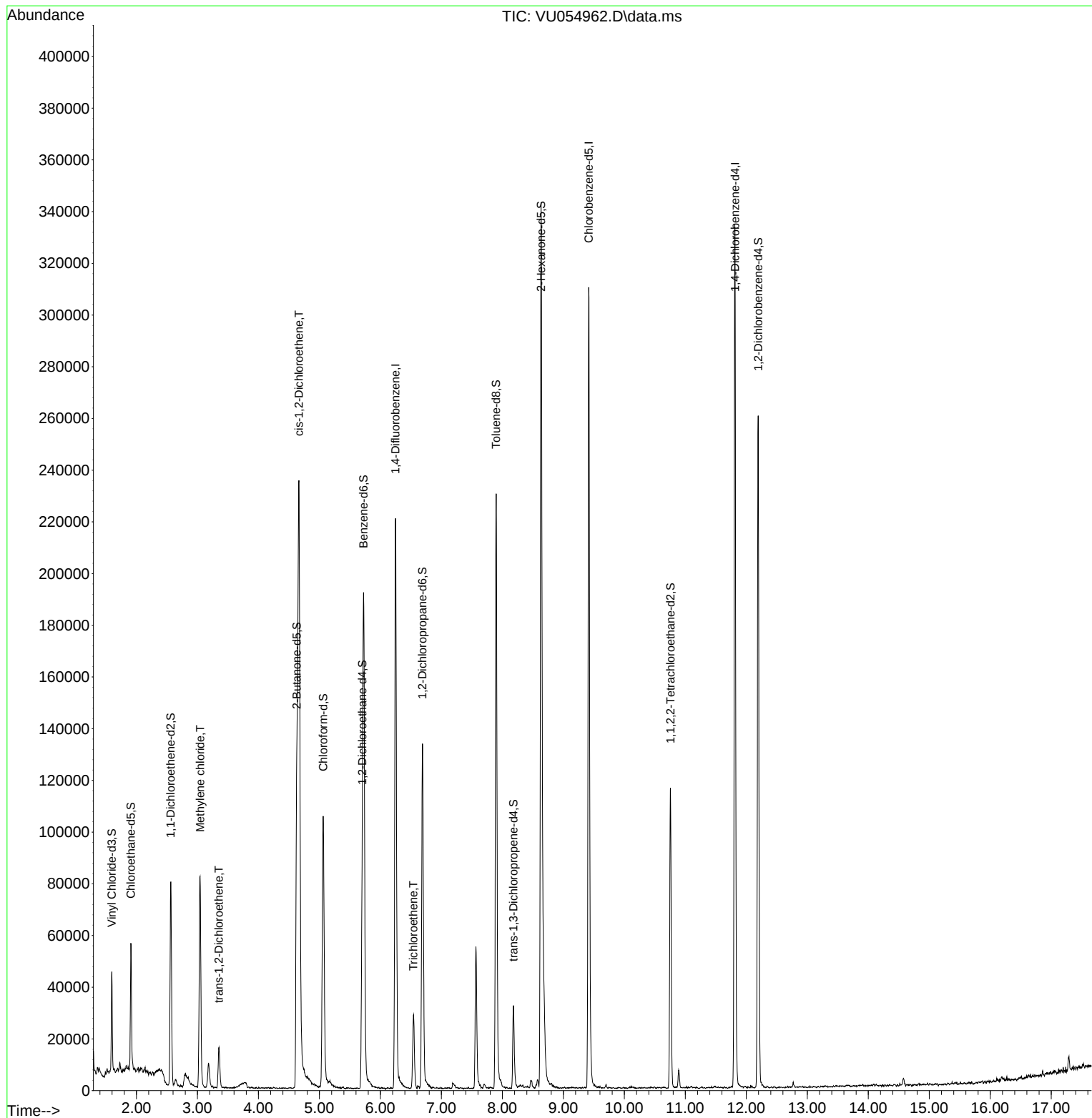
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	173969	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	167304	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	85191	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26096	4.753	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.907	69	33555	4.730	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.560	65	15129	4.875	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.600%
20) 2-Butanone-d5	4.628	46	171017	57.700	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.400%
24) Chloroform-d	5.062	84	95272	4.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.702	65	53486	4.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.724	84	172175	4.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.689	67	62709	4.741	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.898	98	157546	4.374	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	8.181	79	19109	4.390	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.634	63	116527	56.402	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.800%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	55123	4.860	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	63777	4.689	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.042	84	39144	3.244	ug/L	96
18) trans-1,2-Dichloroethene	3.351	96	6365	0.741	ug/L	90
22) cis-1,2-Dichloroethene	4.663	96	102582	10.023	ug/L	94
34) Trichloroethene	6.541	95	9255	0.846	ug/L	93

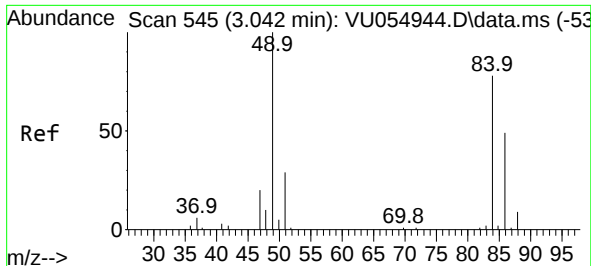
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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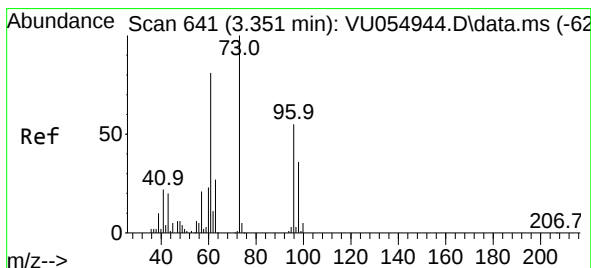
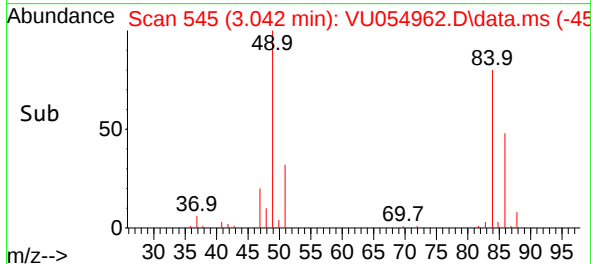
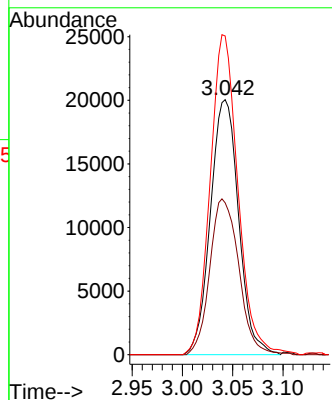
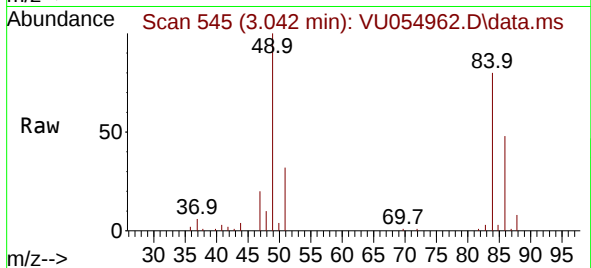




#16
Methylene chloride
Concen: 3.244 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU054962.D
Acq: 29 Aug 2023 17:24

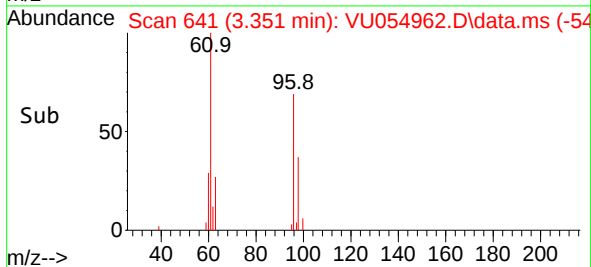
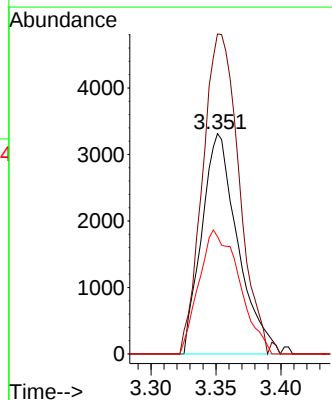
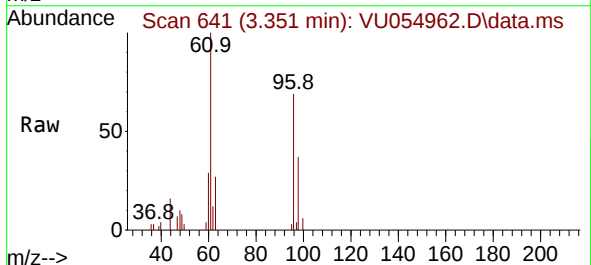
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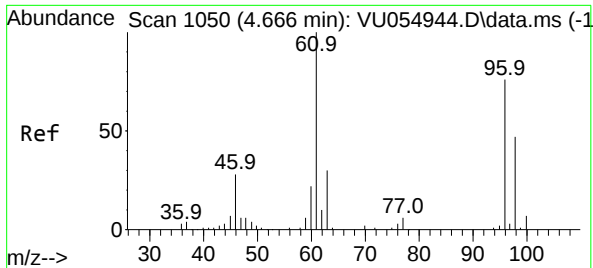
Tgt Ion: 84 Resp: 39144
Ion Ratio Lower Upper
84 100
86 59.5 45.1 83.7
49 125.0 89.5 166.3



#18
trans-1,2-Dichloroethene
Concen: 0.741 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU054962.D
Acq: 29 Aug 2023 17:24

Tgt Ion: 96 Resp: 6365
Ion Ratio Lower Upper
96 100
61 145.2 108.8 202.0
98 53.3 45.8 85.2

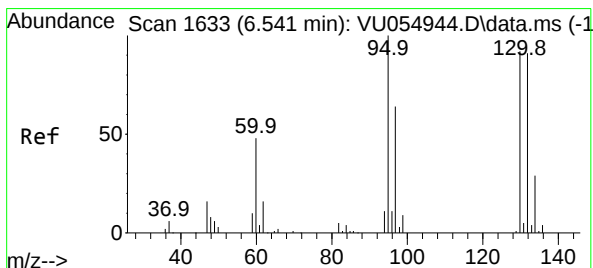
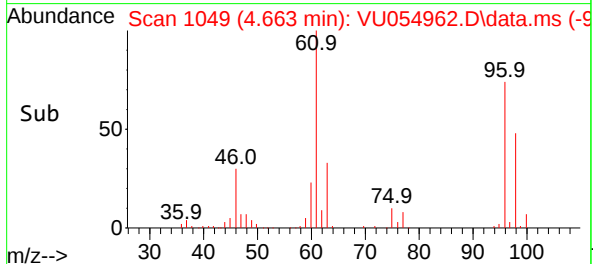
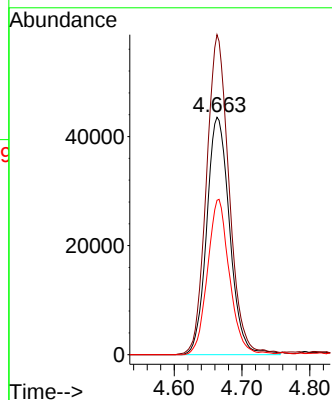
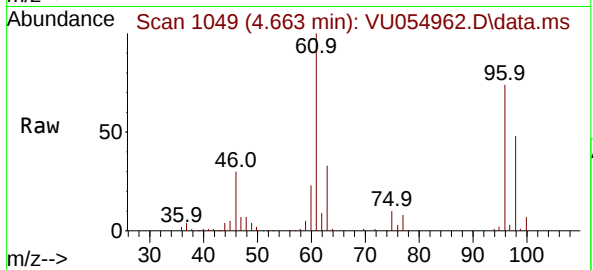




#22
 cis-1,2-Dichloroethene
 Concen: 10.023 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.003 min
 Lab File: VU054962.D
 Acq: 29 Aug 2023 17:24

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AL7DL

Tgt Ion: 96 Resp: 102582
 Ion Ratio Lower Upper
 96 100
 61 134.8 88.4 164.2
 98 65.0 44.0 81.6



#34
 Trichloroethene
 Concen: 0.846 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.000 min
 Lab File: VU054962.D
 Acq: 29 Aug 2023 17:24

Tgt Ion: 95 Resp: 9255
 Ion Ratio Lower Upper
 95 100
 97 56.0 44.1 81.9
 132 93.4 63.6 118.2
 130 81.2 63.6 118.0

