

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040224\
 Data File : VU058335.D
 Acq On : 02 Apr 2024 13:30
 Operator : MD/SY
 Sample : P1929-02DL 25X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AL4DL

Quant Time: Apr 03 02:03:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 01:56:26 2024
 Response via : Initial Calibration

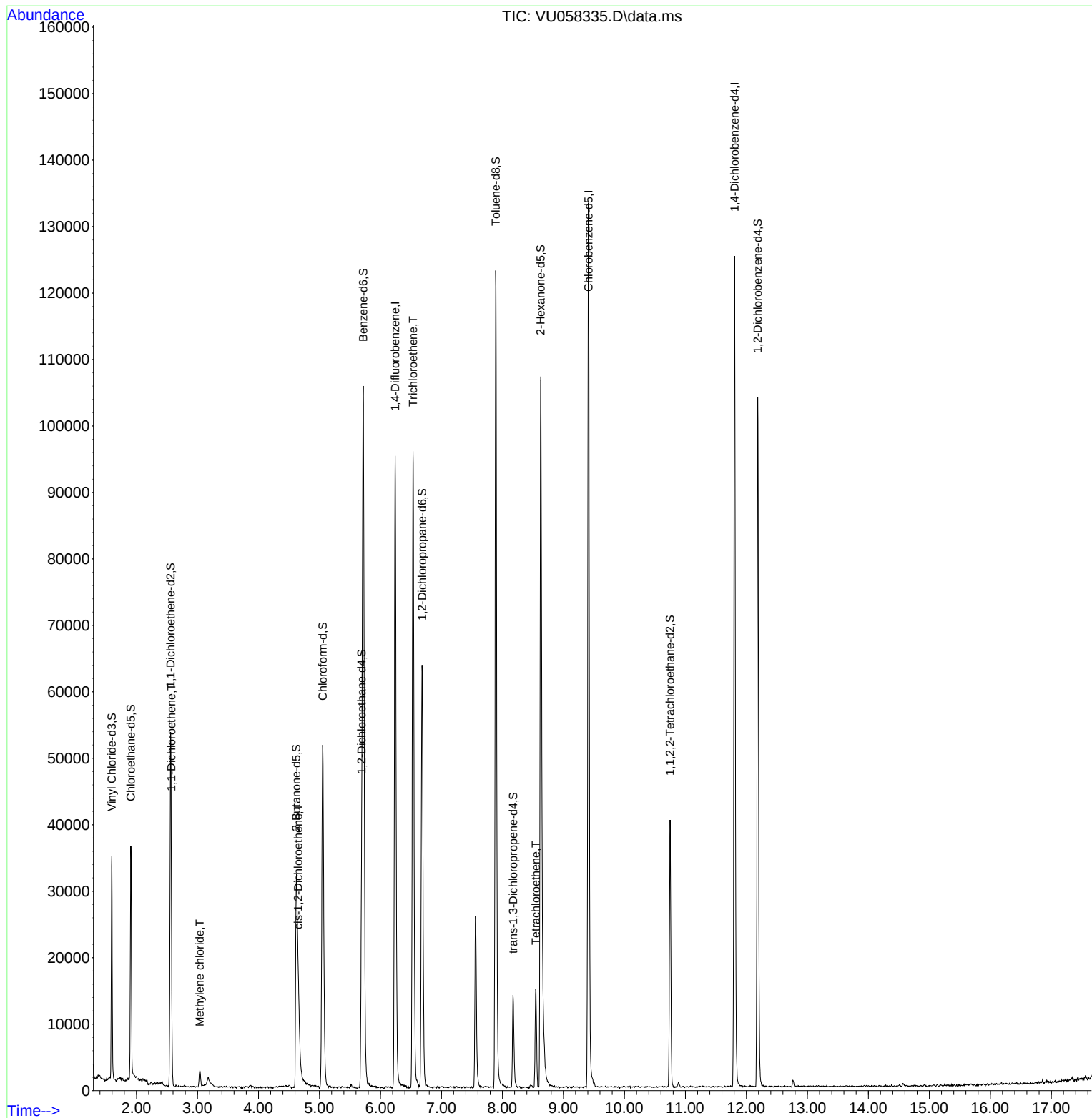
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	76308	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	74182	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	33480	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	22790	3.534	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	70.600%	
7) Chloroethane-d5	1.907	69	23426	4.451	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.000%	
11) 1,1-Dichloroethene-d2	2.560	65	10180	3.802	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.000%	
20) 2-Butanone-d5	4.621	46	53110	46.359	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	92.720%	
24) Chloroform-d	5.052	84	48651	4.220	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.400%	
26) 1,2-Dichloroethane-d4	5.692	65	24249	4.499	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.000%	
32) Benzene-d6	5.717	84	99305	4.122	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.400%	
36) 1,2-Dichloropropane-d6	6.682	67	31709	4.465	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.400%	
41) Toluene-d8	7.891	98	83067	3.892	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.800%	
43) trans-1,3-Dichloroprop...	8.177	79	8793	3.865	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.200%	
46) 2-Hexanone-d5	8.627	63	38755	42.059	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.120%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20677	4.470	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	26997	4.330	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	86.600%	
Target Compounds						
12) 1,1-Dichloroethene	2.570	96	793	0.207	ug/L	1
16) Methylene chloride	3.036	84	1258	0.232	ug/L	81
22) cis-1,2-Dichloroethene	4.653	96	3160	0.640	ug/L	92
34) Trichloroethene	6.534	95	33238	6.548	ug/L	98
47) Tetrachloroethene	8.547	164	3172	0.933	ug/L	93

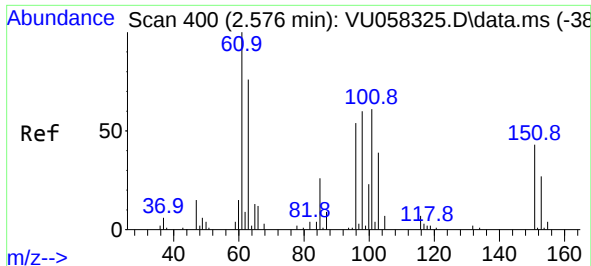
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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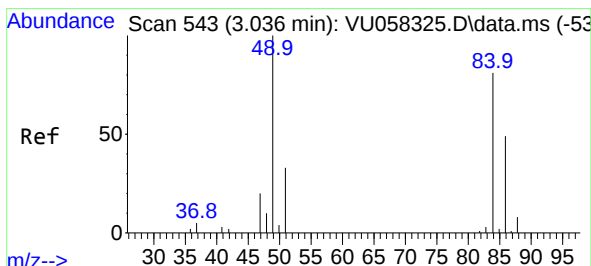
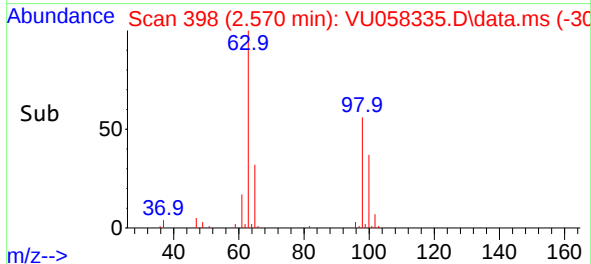
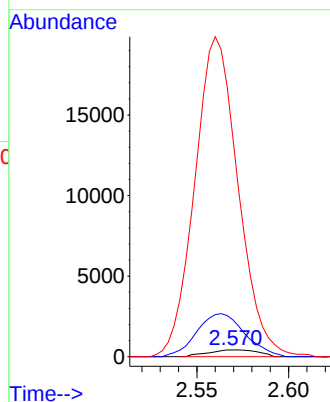
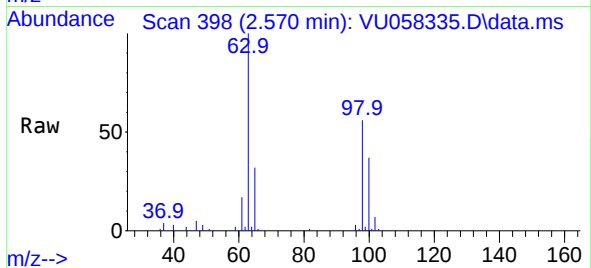




#12
1,1-Dichloroethene
Concen: 0.207 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.006 min
Lab File: VU058335.D
Acq: 02 Apr 2024 13:30

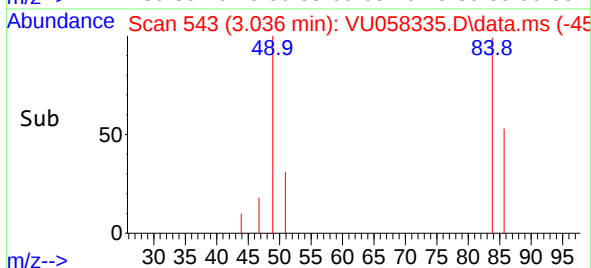
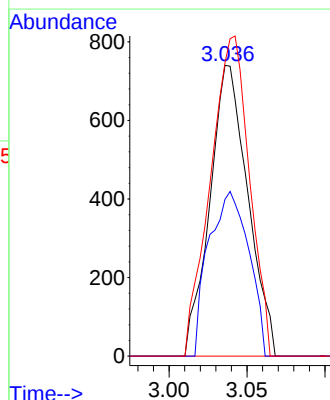
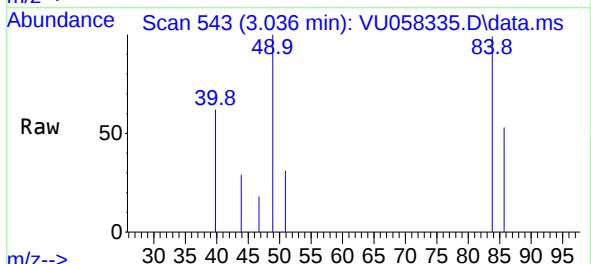
Instrument :
MSVOA_U
ClientSampleId :
C0AL4DL

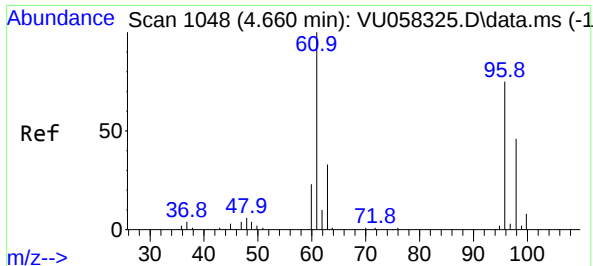
Tgt Ion: 96 Resp: 793
Ion Ratio Lower Upper
96 100
61 543.3 128.1 237.9#
63 3223.8 116.8 217.0#



#16
Methylene chloride
Concen: 0.232 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU058335.D
Acq: 02 Apr 2024 13:30

Tgt Ion: 84 Resp: 1258
Ion Ratio Lower Upper
84 100
86 53.9 45.6 84.6
49 100.9 88.3 163.9



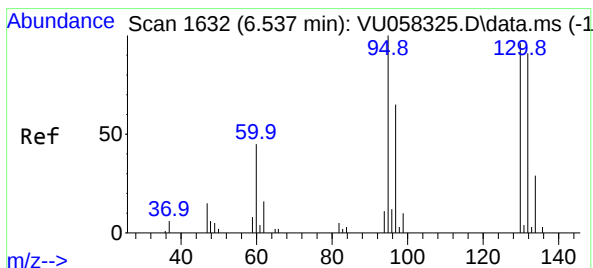
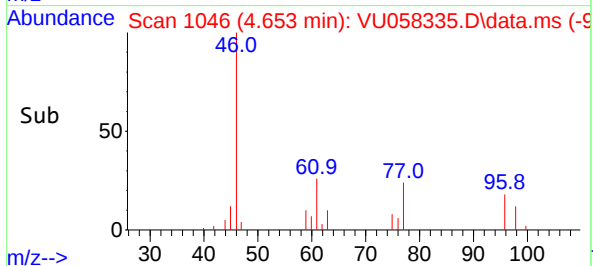
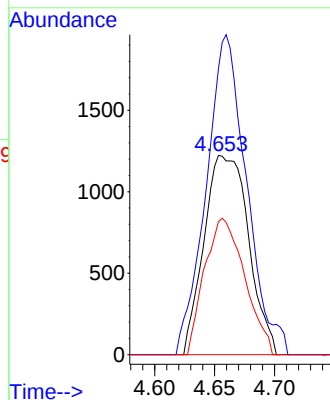
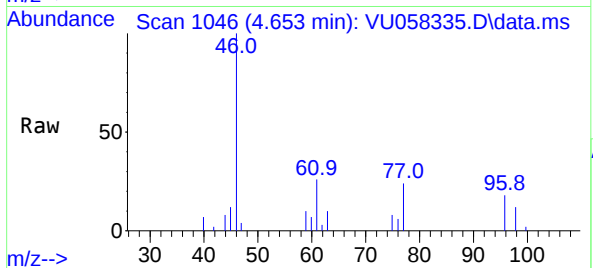


#22
cis-1,2-Dichloroethene
Concen: 0.640 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.006 min
Lab File: VU058335.D
Acq: 02 Apr 2024 13:30

Instrument :
MSVOA_U
ClientSampleId :
C0AL4DL

Tgt Ion: 96 Resp: 3160

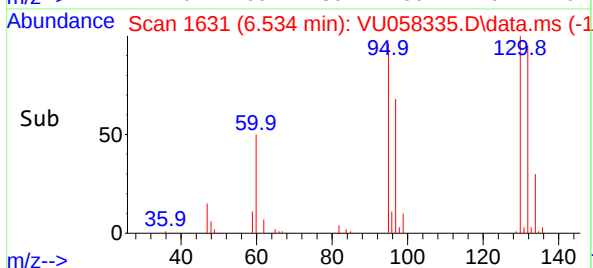
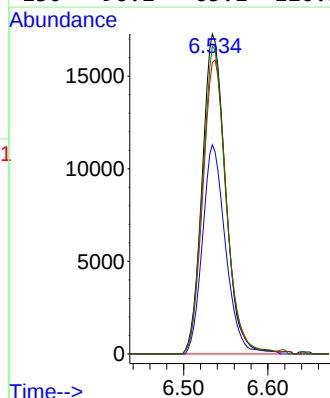
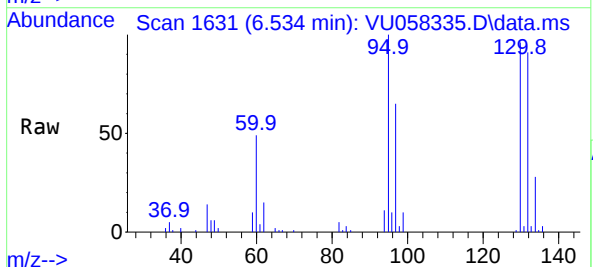
Ion	Ratio	Lower	Upper
96	100		
61	143.5	92.8	172.4
98	66.7	43.2	80.2

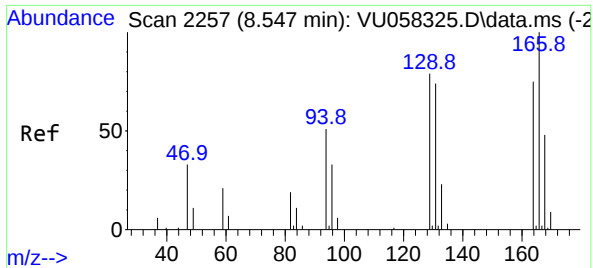


#34
Trichloroethene
Concen: 6.548 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU058335.D
Acq: 02 Apr 2024 13:30

Tgt Ion: 95 Resp: 33238

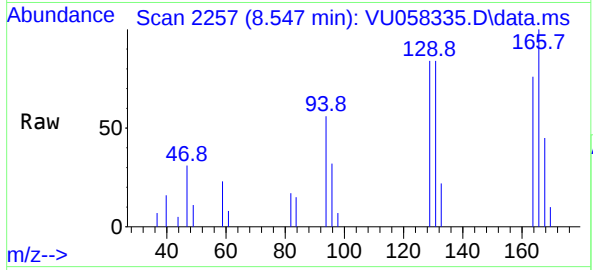
Ion	Ratio	Lower	Upper
95	100		
97	65.4	47.7	88.7
132	91.1	63.6	118.2
130	96.2	65.1	120.9





#47
 Tetrachloroethene
 Concen: 0.933 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU058335.D
 Acq: 02 Apr 2024 13:30

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AL4DL



Tgt Ion:164 Resp: 3172

Ion	Ratio	Lower	Upper
164	100		
129	110.6	71.3	132.3
131	111.2	70.8	131.4
166	132.4	90.9	168.9

