

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032224\
 Data File : VU058200.D
 Acq On : 22 Mar 2024 18:46
 Operator : MD/SY
 Sample : P1796-02DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCFY9DL

Quant Time: Mar 22 23:47:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 22 23:43:24 2024
 Response via : Initial Calibration

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

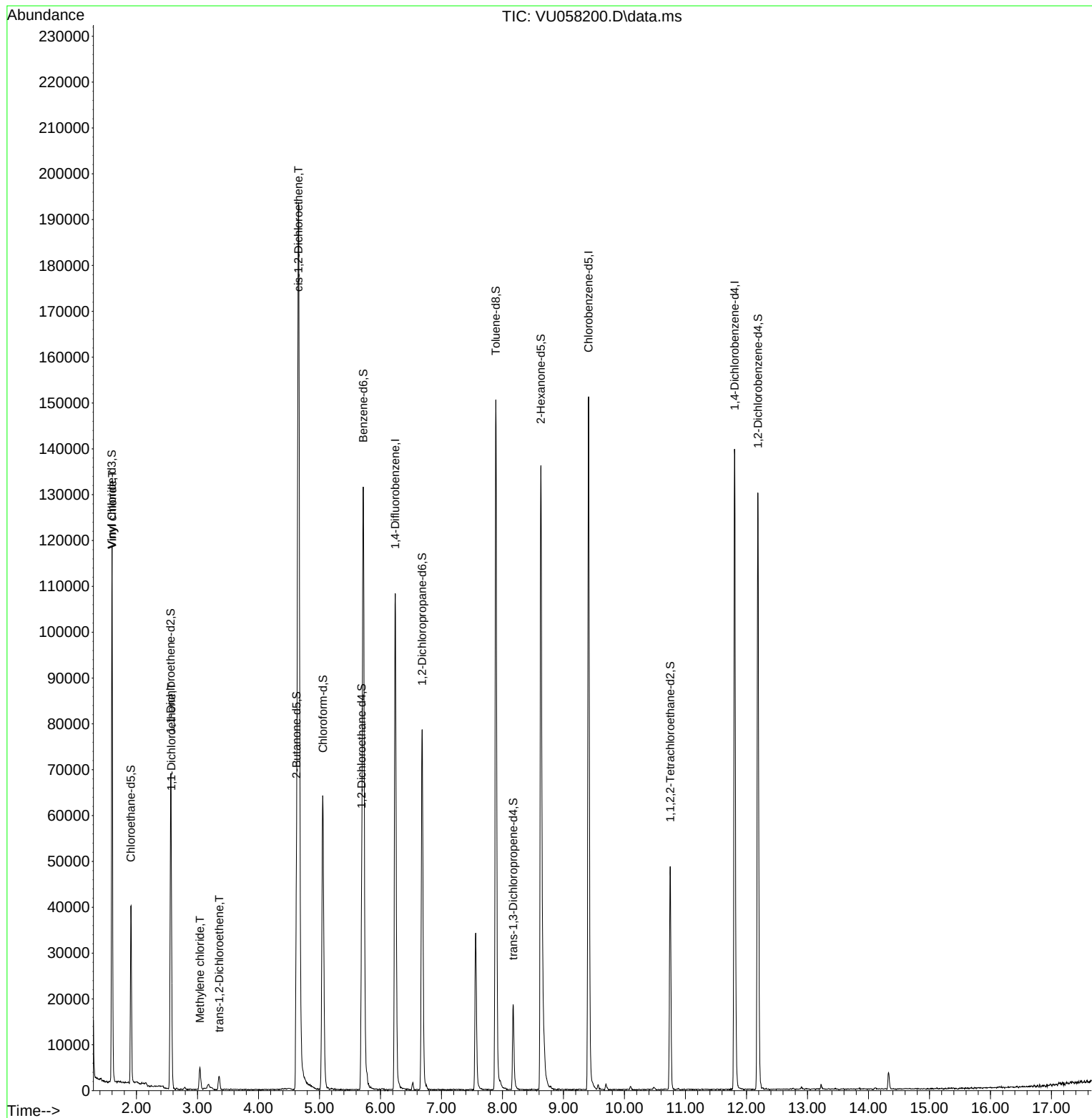
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	89994	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	85678	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	37478	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	31851	4.188	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.800%
7) Chloroethane-d5	1.908	69	27503	4.431	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.560	65	12871	4.076	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	4.625	46	69314	51.302	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.600%
24) Chloroform-d	5.055	84	62060	4.564	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.692	65	30397	4.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.718	84	124686	4.481	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.682	67	39366	4.800	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.891	98	104251	4.229	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.174	79	11898	4.528	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.628	63	50967	47.890	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.780%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	25166	4.710	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	34723	4.975	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	52436	10.163	ug/L	100
12) 1,1-Dichloroethene	2.570	96	1231	0.273	ug/L #	1
16) Methylene chloride	3.039	84	2309	0.361	ug/L	96
18) trans-1,2-Dichloroethene	3.358	96	1304	0.277	ug/L	89
22) cis-1,2-Dichloroethene	4.657	96	96096	16.493	ug/L	98

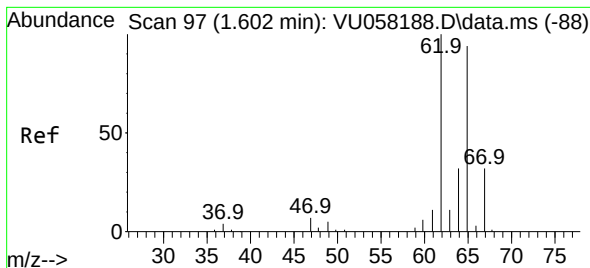
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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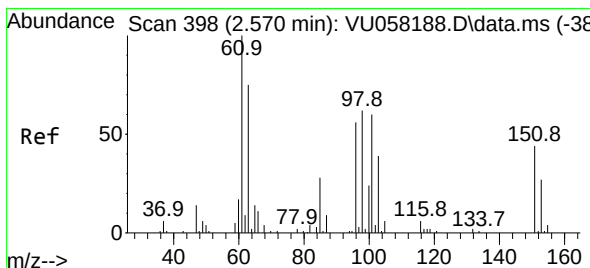
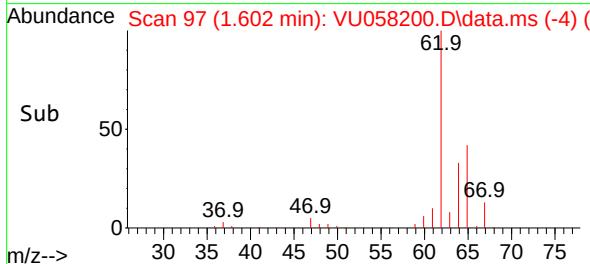
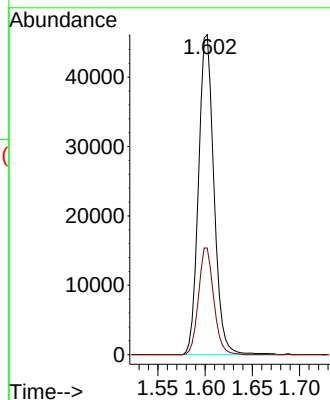
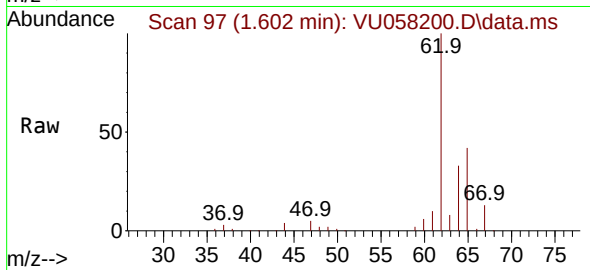




#5
Vinyl chloride
Concen: 10.163 ug/L
RT: 1.602 min Scan# 91
Delta R.T. 0.000 min
Lab File: VU058200.D
Acq: 22 Mar 2024 18:46

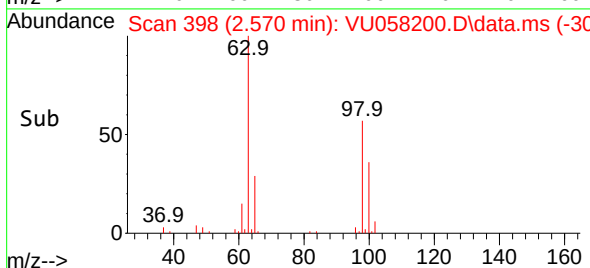
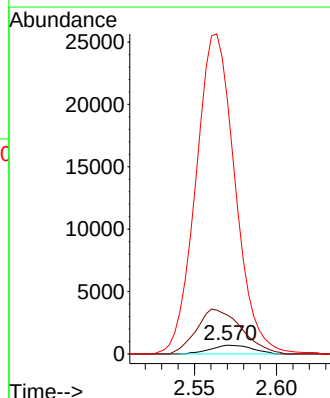
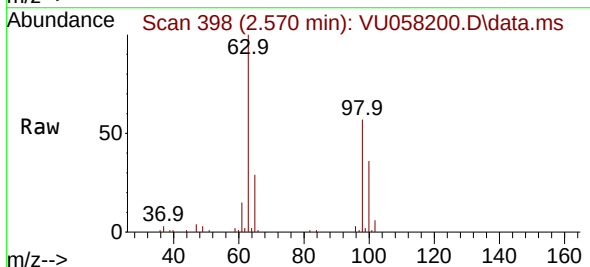
Instrument :
MSVOA_U
ClientSampleId :
GCFY9DL

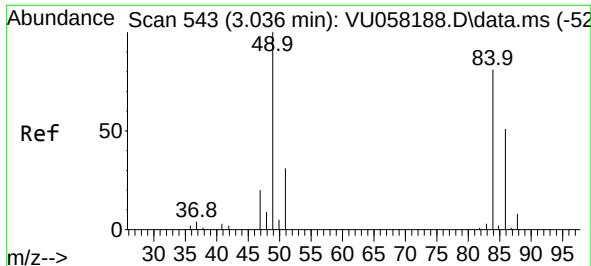
Tgt Ion: 62 Resp: 52436
Ion Ratio Lower Upper
62 100
64 33.4 23.4 43.6



#12
1,1-Dichloroethene
Concen: 0.273 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU058200.D
Acq: 22 Mar 2024 18:46

Tgt Ion: 96 Resp: 1231
Ion Ratio Lower Upper
96 100
61 442.1 128.1 237.9#
63 2889.1 116.8 217.0#



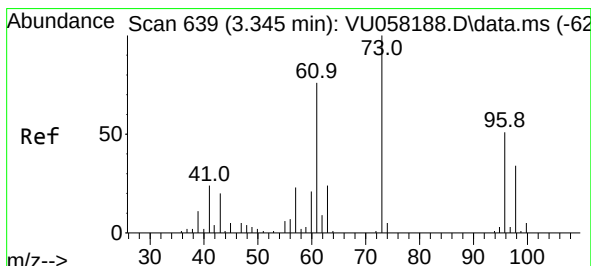
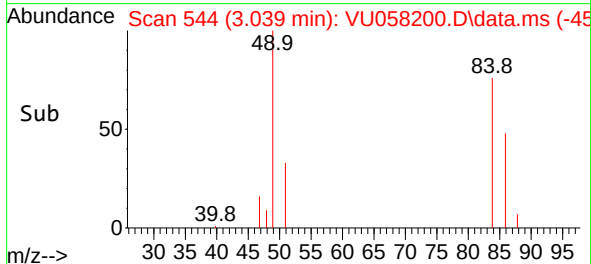
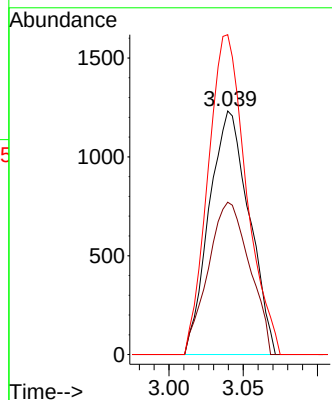
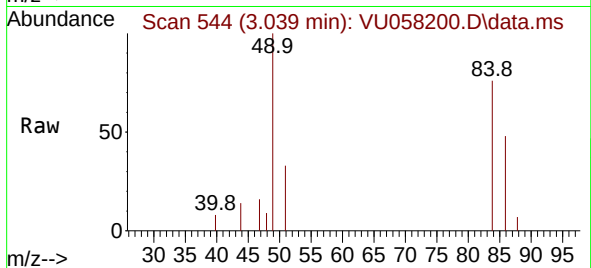


#16
Methylene chloride
Concen: 0.361 ug/L
RT: 3.039 min Scan# 543
Delta R.T. 0.004 min
Lab File: VU058200.D
Acq: 22 Mar 2024 18:46

Instrument :
MSVOA_U
ClientSampleId :
GCFY9DL

Tgt Ion: 84 Resp: 2309

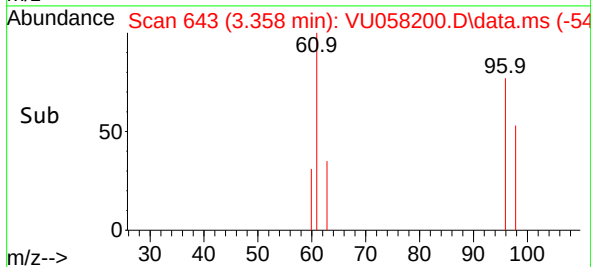
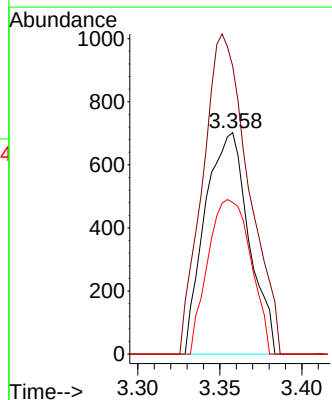
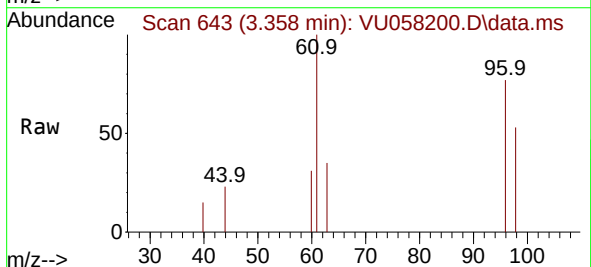
Ion	Ratio	Lower	Upper
84	100		
86	62.6	45.6	84.6
49	131.3	88.3	163.9

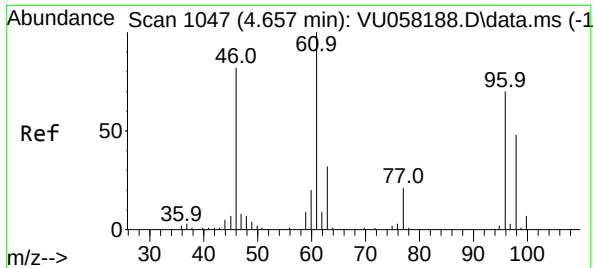


#18
trans-1,2-Dichloroethene
Concen: 0.277 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.013 min
Lab File: VU058200.D
Acq: 22 Mar 2024 18:46

Tgt Ion: 96 Resp: 1304

Ion	Ratio	Lower	Upper
96	100		
61	130.1	102.5	190.3
98	68.5	44.0	81.8





#22
 cis-1,2-Dichloroethene
 Concen: 16.493 ug/L
 RT: 4.657 min Scan# 10
 Delta R.T. 0.000 min
 Lab File: VU058200.D
 Acq: 22 Mar 2024 18:46

Instrument :
 MSVOA_U
 ClientSampleId :
 GCFY9DL

Tgt Ion: 96	Resp: 96096
Ion Ratio	Lower Upper
96	100
61	134.1 92.8 172.4
98	63.3 43.2 80.2

