

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100224\
 Data File : VU061074.D
 Acq On : 02 Oct 2024 14:25
 Operator : MD/SY
 Sample : P4227-07 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP(20240926)

Quant Time: Oct 03 06:30:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 03 06:26:52 2024
 Response via : Initial Calibration

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

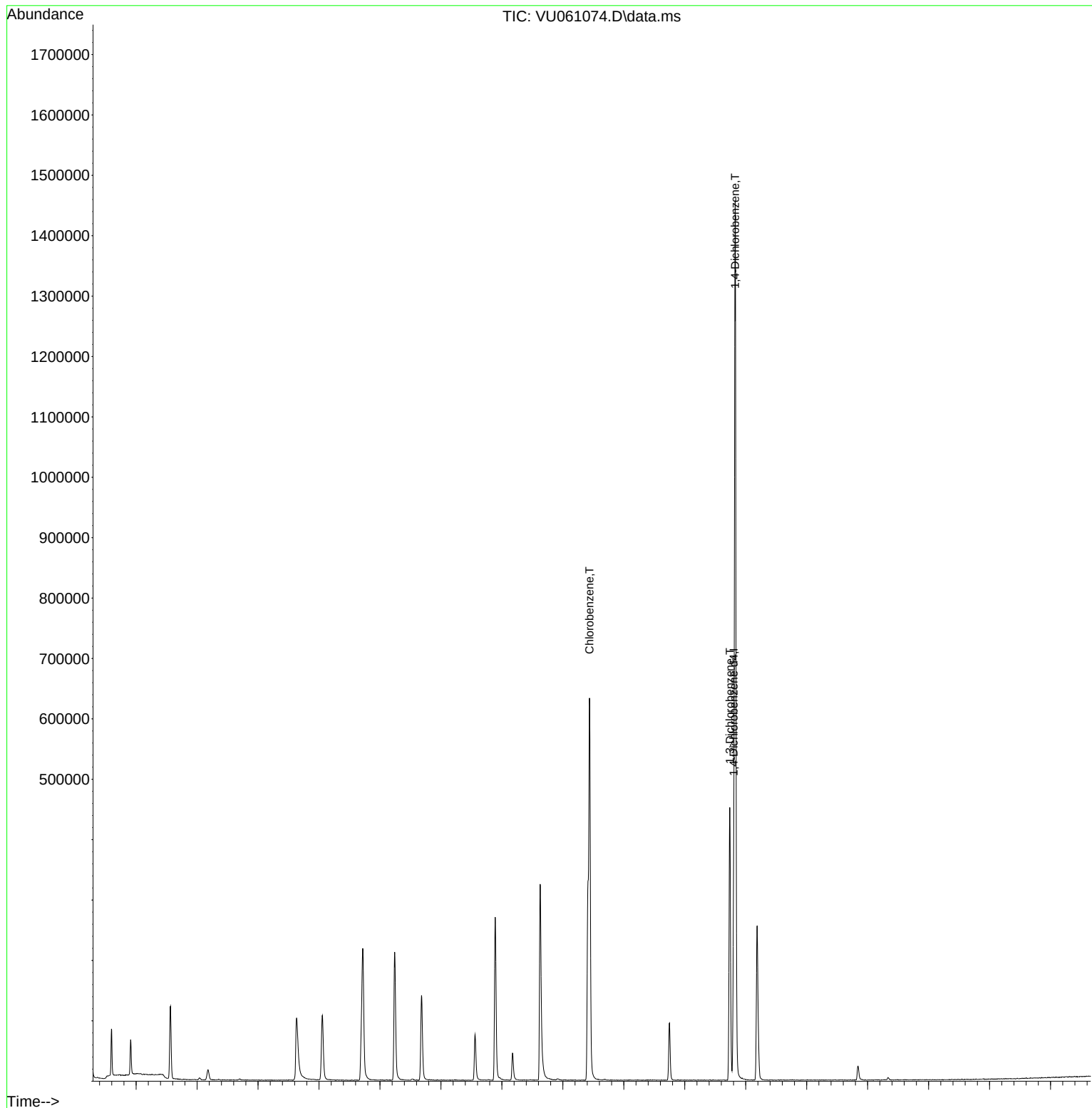
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	173936	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	162886	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	78447	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	52421	4.215	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.400%
7) Chloroethane-d5	1.911	69	41191	4.425	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.563	65	23546	4.292	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.800%
20) 2-Butanone-d5	4.631	46	145265	48.767	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.540%
24) Chloroform-d	5.055	84	100978	4.607	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.695	65	55276	4.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.721	84	201662	4.695	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.682	67	68755	4.875	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.891	98	184998	4.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	8.174	79	28085	4.657	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.627	63	123926	49.646	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.300%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	50011	4.835	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	61157	4.876	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
51) Chlorobenzene	9.438	112	329543	10.576	ug/L	94
64) 1,3-Dichlorobenzene	11.740	146	174356	7.753	ug/L	95
65) 1,4-Dichlorobenzene	11.827	146	541777	24.371	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	19504	0.938	ug/L	98
70) 1,2,4-trichlorobenzene	13.843	180	8796	0.725	ug/L	97

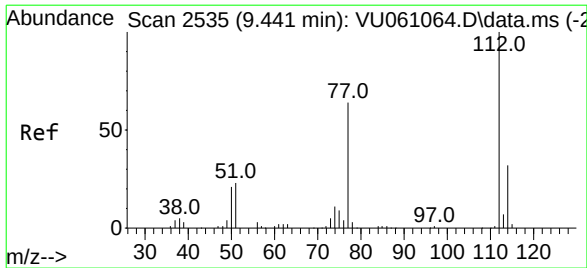
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

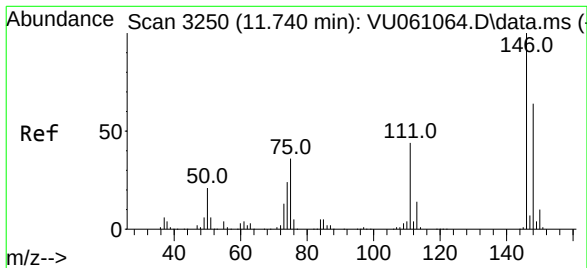
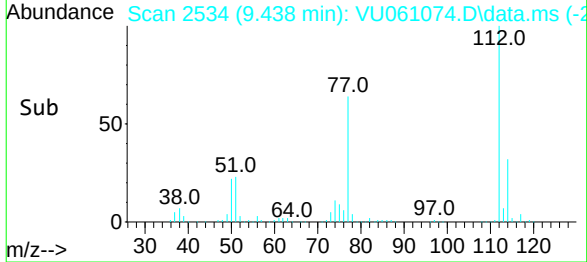
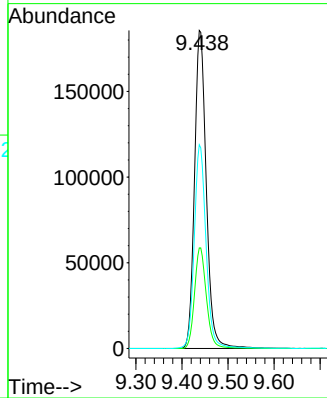
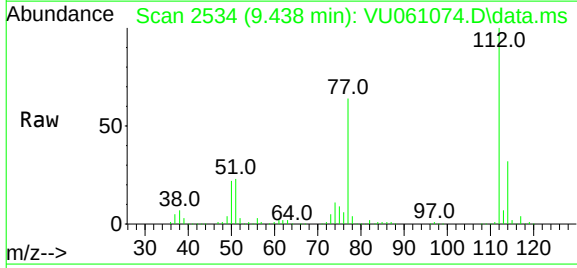




#51
Chlorobenzene
Concen: 10.576 ug/L
RT: 9.438 min Scan# 2535
Delta R.T. -0.003 min
Lab File: VU061074.D
Acq: 02 Oct 2024 14:25

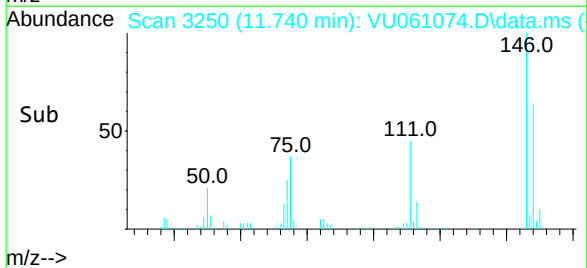
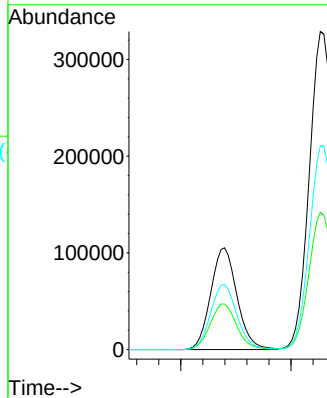
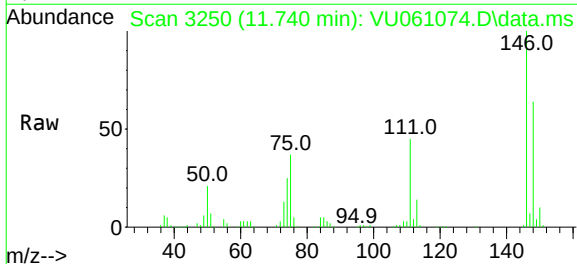
Instrument :
MSVOA_U
ClientSampleId :
DUP(20240926)

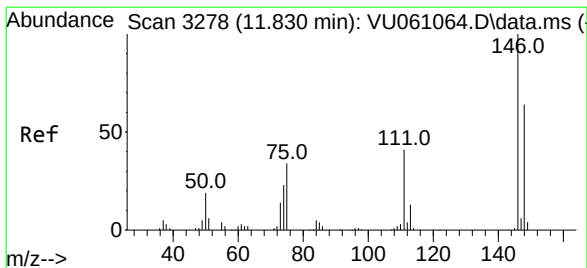
Tgt Ion:112 Resp: 329543
Ion Ratio Lower Upper
112 100
114 31.6 22.2 41.2
77 64.0 46.1 69.1



#64
1,3-Dichlorobenzene
Concen: 7.753 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU061074.D
Acq: 02 Oct 2024 14:25

Tgt Ion:146 Resp: 174356
Ion Ratio Lower Upper
146 100
111 44.8 27.5 51.1
148 64.1 43.7 81.1





#65

1,4-Dichlorobenzene

Concen: 24.371 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. -0.003 min

Lab File: VU061074.D

Acq: 02 Oct 2024 14:25

Instrument :

MSVOA_U

ClientSampleId :

DUP(20240926)

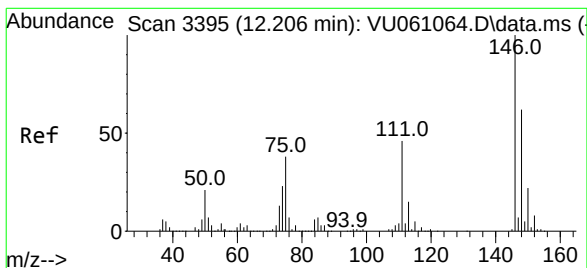
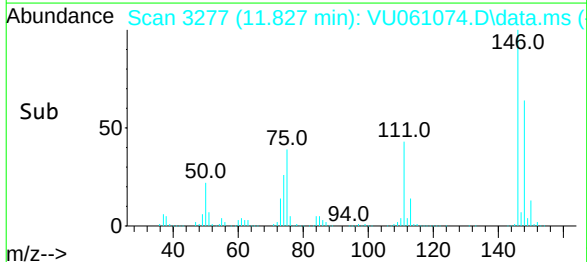
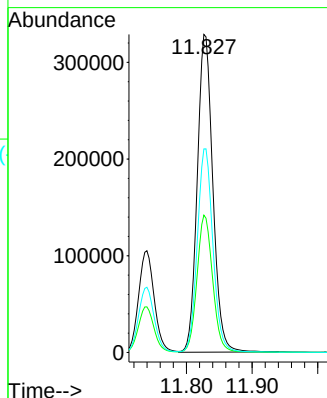
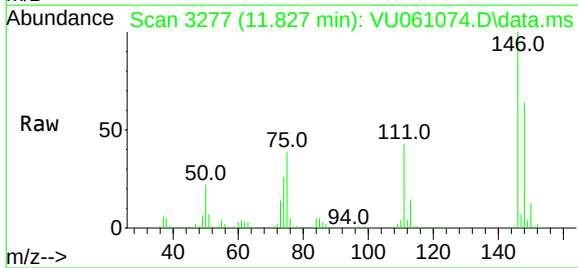
Tgt Ion:146 Resp: 541777

Ion Ratio Lower Upper

146 100

111 43.2 26.3 48.9

148 64.0 45.3 84.1



#67

1,2-Dichlorobenzene

Concen: 0.938 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU061074.D

Acq: 02 Oct 2024 14:25

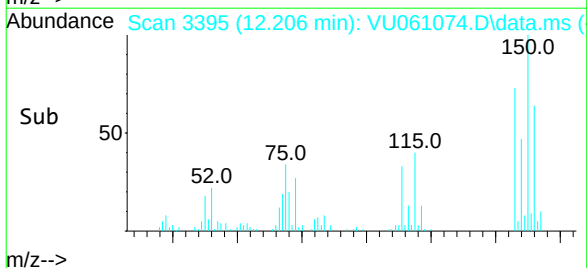
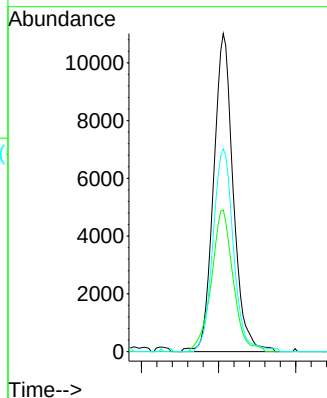
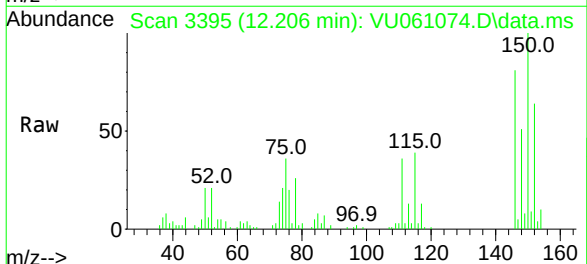
Tgt Ion:146 Resp: 19504

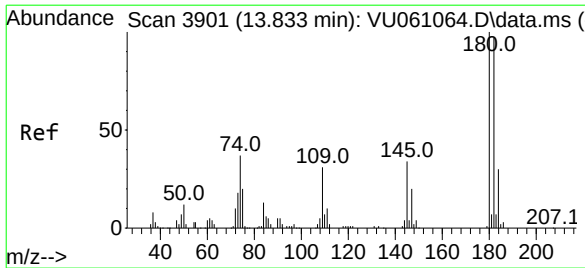
Ion Ratio Lower Upper

146 100

111 44.5 33.4 50.0

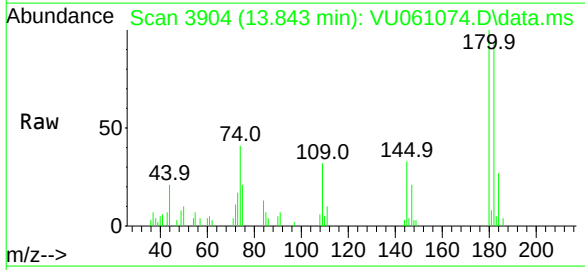
148 63.8 50.9 76.3





#70
1,2,4-trichlorobenzene
Concen: 0.725 ug/L
RT: 13.843 min Scan# 39
Delta R.T. 0.009 min
Lab File: VU061074.D
Acq: 02 Oct 2024 14:25

Instrument :
MSVOA_U
ClientSampleId :
DUP(20240926)



Tgt Ion:	180	Resp:	8796
Ion Ratio	Lower	Upper	
180	100		
182	95.1	77.4	116.2
145	31.7	22.9	34.3

