

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020525\
 Data File : VU063152.D
 Acq On : 05 Feb 2025 12:08
 Operator : MD/SY
 Sample : VIBLK009
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK009

Quant Time: Feb 06 07:27:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 06 07:25:52 2025
 Response via : Initial Calibration

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

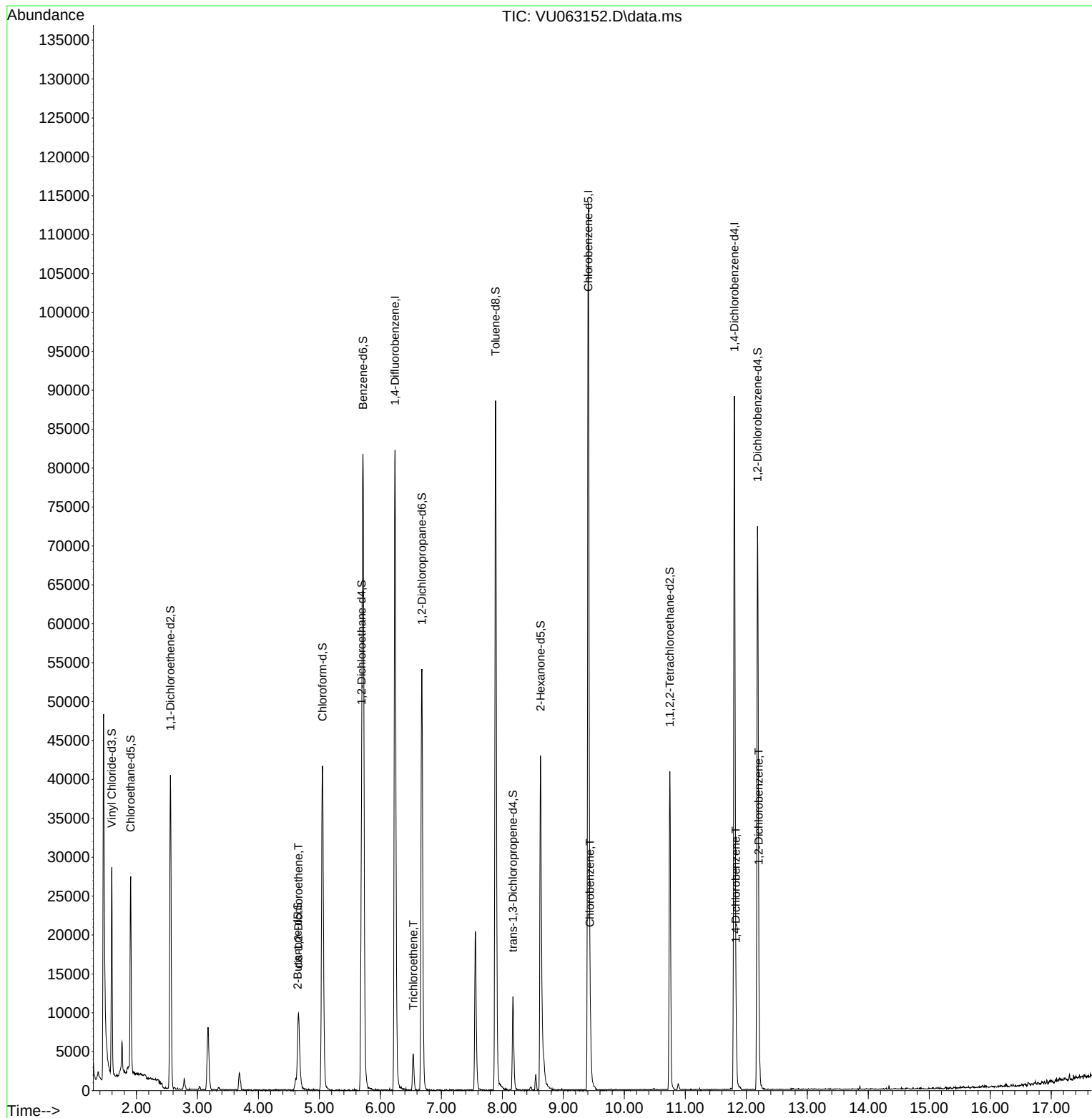
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	68970	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	64761	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	26232	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	18785	4.762	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.200%
7) Chloroethane-d5	1.904	69	18394	5.024	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.557	65	7937	4.507	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	4.644	46	2303	1.773	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	3.540%#
24) Chloroform-d	5.049	84	41031	4.704	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.692	65	22465	5.008	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.714	84	79474	4.705	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.679	67	27932	5.016	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.888	98	62377	4.180	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	8.174	79	7767	3.722	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.400%
46) 2-Hexanone-d5	8.624	63	15644	14.896	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	29.800%#
56) 1,1,2,2-Tetrachloroeth...	10.746	84	22592	4.596	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	20137	4.597	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
22) cis-1,2-Dichloroethene	4.657	96	4904	0.917	ug/L	95
34) Trichloroethene	6.541	95	1841	0.340	ug/L	93
51) Chlorobenzene	9.438	112	4197	0.312	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	1688	0.199	ug/L	88
67) 1,2-Dichlorobenzene	12.203	146	1499	0.190	ug/L #	90

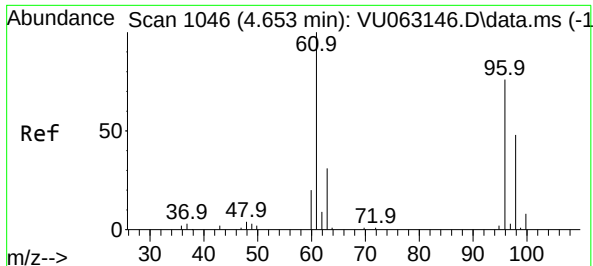
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

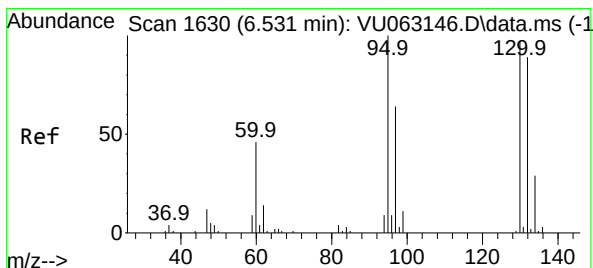
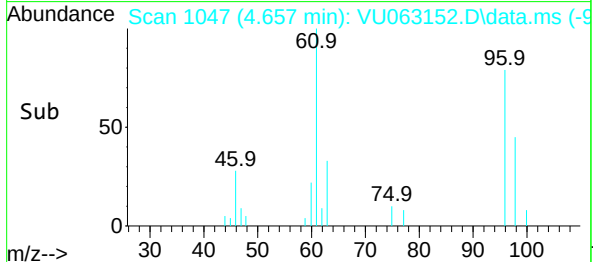
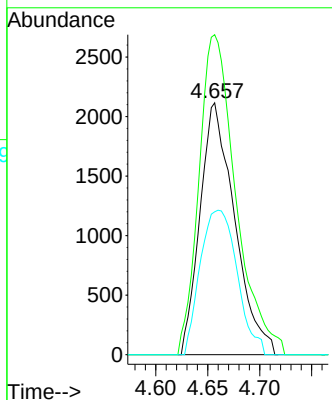
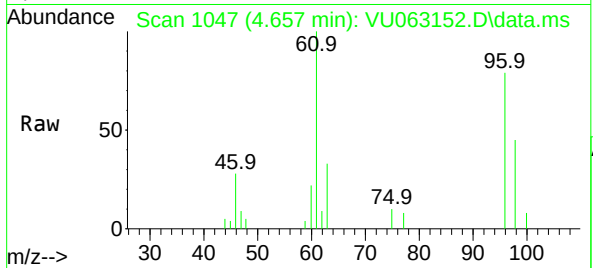




#22
 cis-1,2-Dichloroethene
 Concen: 0.917 ug/L
 RT: 4.657 min Scan# 1046
 Delta R.T. 0.003 min
 Lab File: VU063152.D
 Acq: 05 Feb 2025 12:08

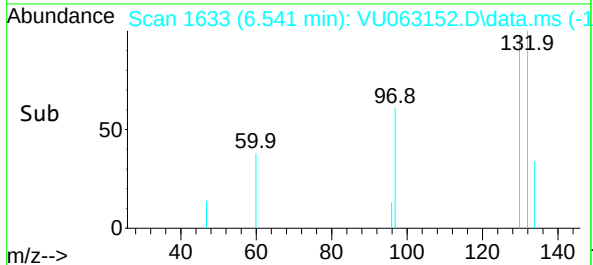
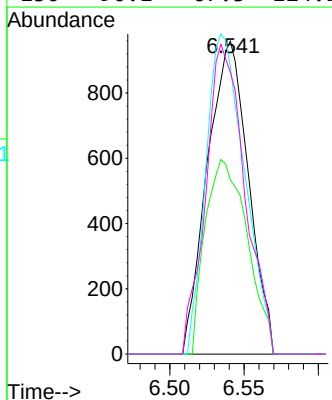
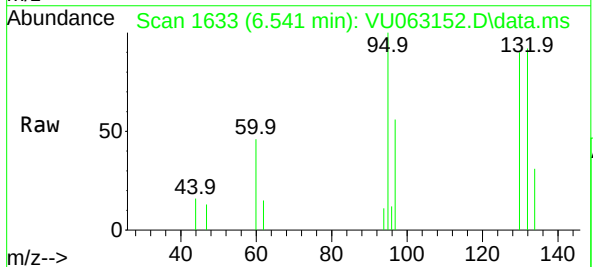
Instrument :
 MSVOA_U
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 VIBLK009

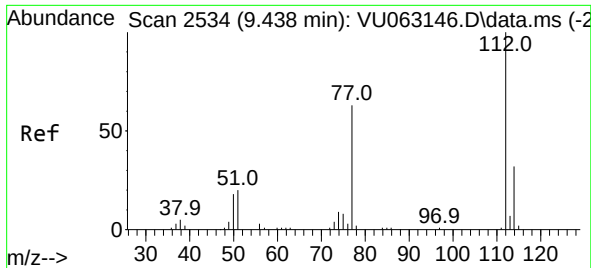
Tgt Ion:	96	Resp:	4904
Ion	Ratio	Lower	Upper
96	100		
61	127.0	91.8	170.6
98	56.7	44.4	82.4



#34
 Trichloroethene
 Concen: 0.340 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.010 min
 Lab File: VU063152.D
 Acq: 05 Feb 2025 12:08

Tgt Ion:	95	Resp:	1841
Ion	Ratio	Lower	Upper
95	100		
97	55.7	46.7	86.7
132	91.8	62.4	115.8
130	90.1	67.3	124.9

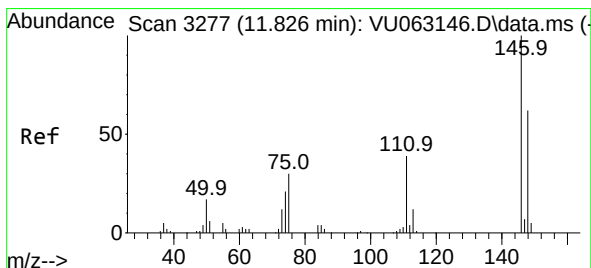
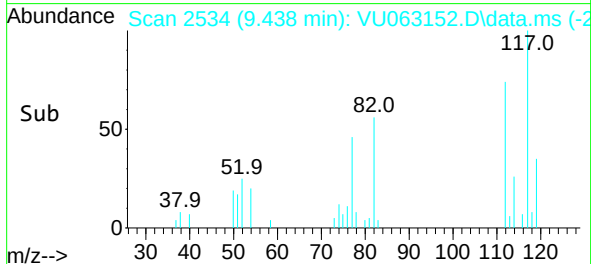
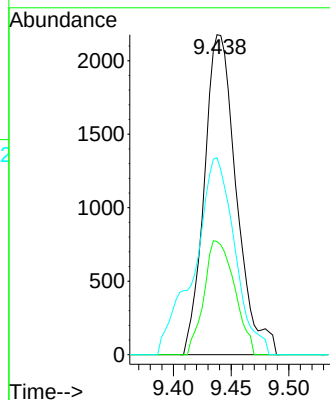
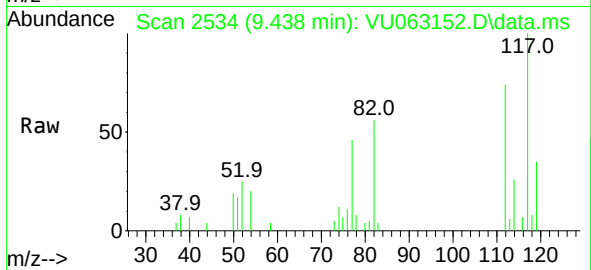




#51
Chlorobenzene
Concen: 0.312 ug/L
RT: 9.438 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063152.D
Acq: 05 Feb 2025 12:08

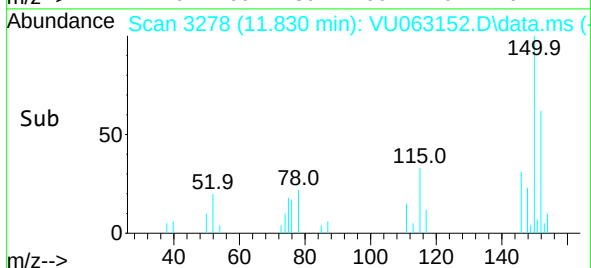
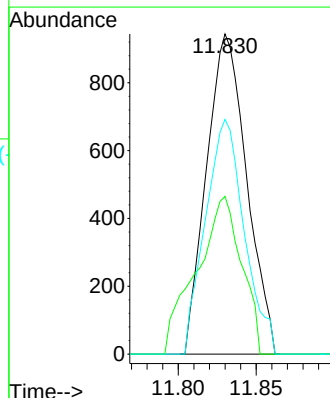
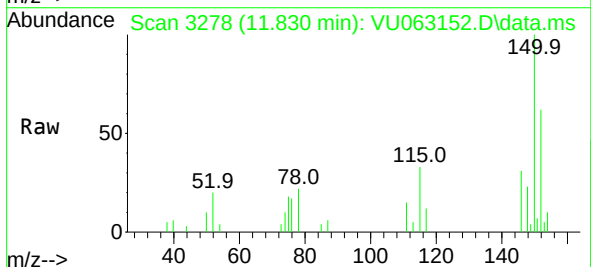
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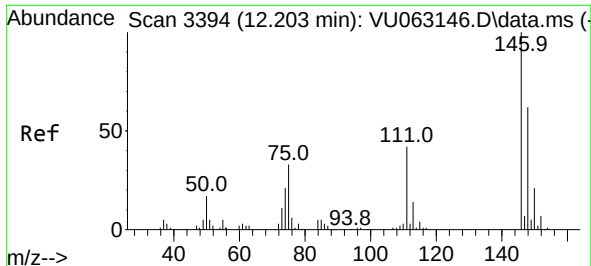
Tgt Ion:	112	Resp:	4197
Ion Ratio	Lower	Upper	
112	100		
114	35.4	22.6	42.0
77	61.6	50.8	76.2



#65
1,4-Dichlorobenzene
Concen: 0.199 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VU063152.D
Acq: 05 Feb 2025 12:08

Tgt Ion:	146	Resp:	1688
Ion Ratio	Lower	Upper	
146	100		
111	49.3	28.5	52.9
148	73.3	45.4	84.2





#67

1,2-Dichlorobenzene

Concen: 0.190 ug/L

RT: 12.203 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU063152.D

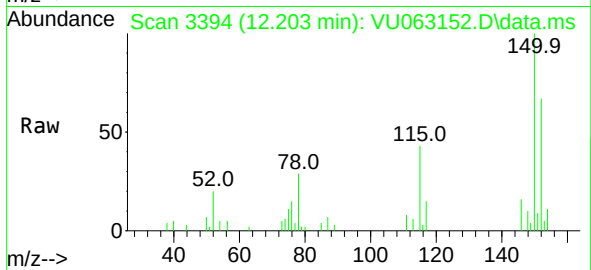
Acq: 05 Feb 2025 12:08

Instrument :

MSVOA_U

ClientSampleId :

VIBLK009



Tgt Ion:	146	Resp:	1499
Ion	Ratio	Lower	Upper
146	100		
111	51.8	34.1	51.1#
148	60.3	52.5	78.7

