

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092324\
 Data File : VU060976.D
 Acq On : 23 Sep 2024 16:03
 Operator : MD/SY
 Sample : P4092-01DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B15DL

Quant Time: Sep 24 06:10:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 24 06:06:45 2024
 Response via : Initial Calibration

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

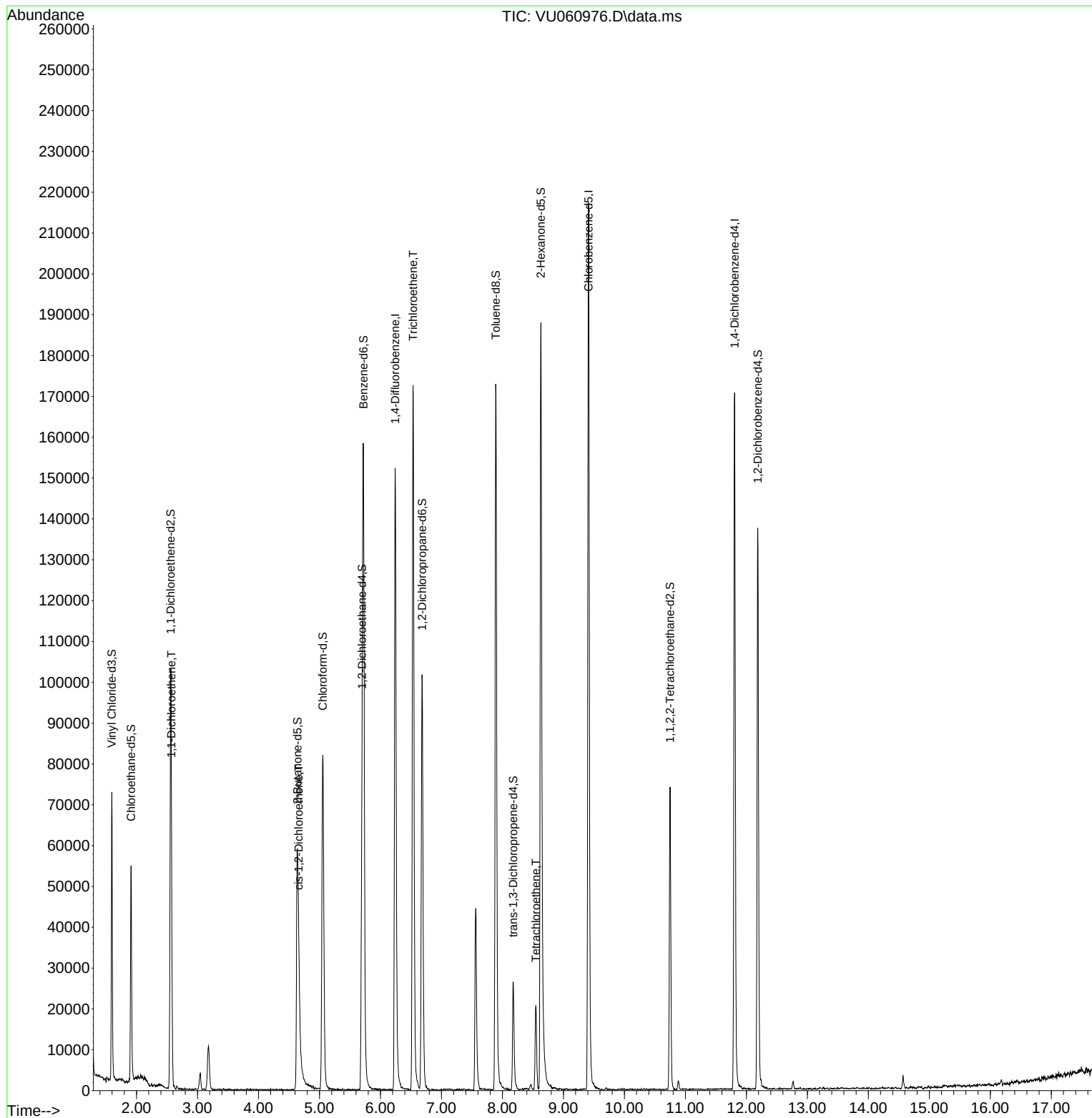
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	130287	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	135644	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	50427	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	49760	4.246	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.911	69	39933	4.786	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.560	65	17973	4.327	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.637	46	87971	46.762	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.520%
24) Chloroform-d	5.055	84	81187	4.532	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.698	65	42471	4.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.721	84	157591	4.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.682	67	53527	4.759	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.891	98	128351	3.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
43) trans-1,3-Dichloroprop...	8.177	79	18133	4.478	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.630	63	71124	44.530	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.060%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	40337	4.577	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	41905	4.946	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	5390	0.658	ug/L	# 1
22) cis-1,2-Dichloroethene	4.660	96	4257	0.453	ug/L	85
34) Trichloroethene	6.534	95	62583	6.401	ug/L	98
47) Tetrachloroethene	8.550	164	5252	0.676	ug/L	97

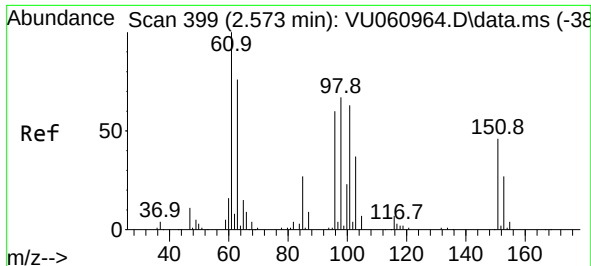
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.658 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU060976.D

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Instrument :

MSVOA_U

ClientSampleId :

C0B15DL

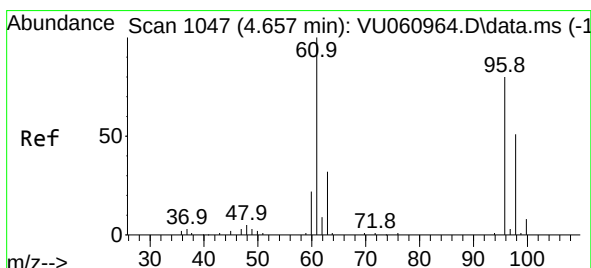
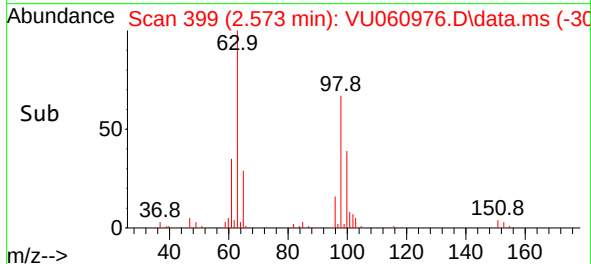
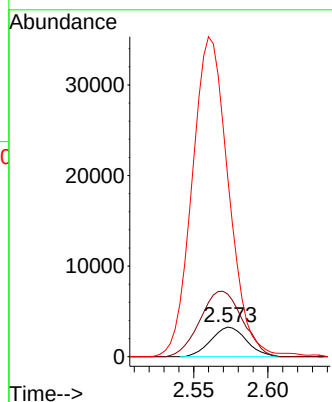
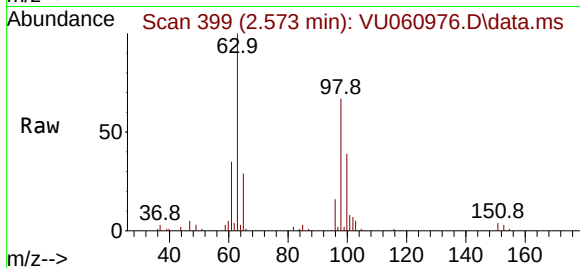
Tgt Ion: 96 Resp: 5390

Ion Ratio Lower Upper

96 100

61 212.0 120.7 224.1

63 608.3 90.0 167.2#



#22

cis-1,2-Dichloroethene

Concen: 0.453 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU060976.D

Acq: 23 Sep 2024 16:03

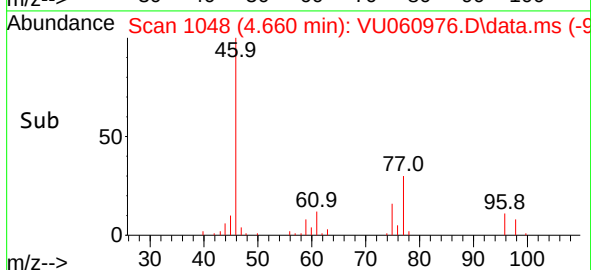
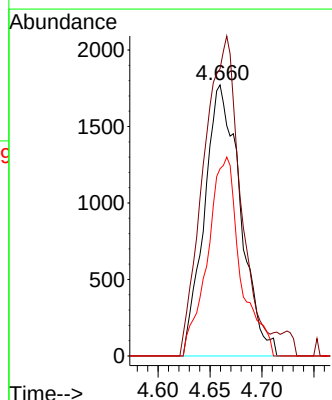
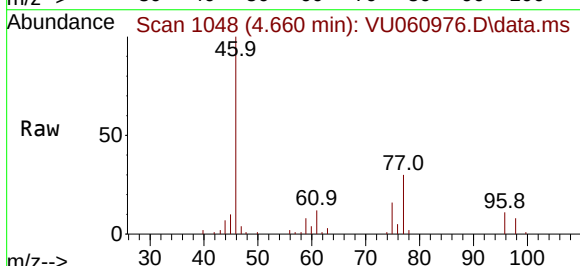
Tgt Ion: 96 Resp: 4257

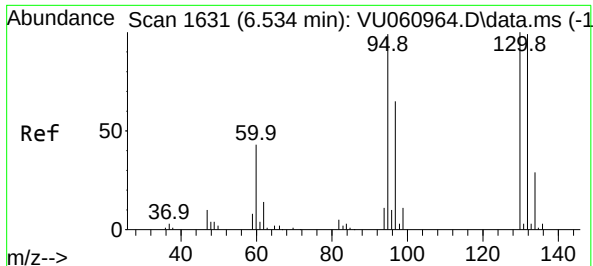
Ion Ratio Lower Upper

96 100

61 106.0 89.7 166.5

98 69.1 45.1 83.9





#34

Trichloroethene

Concen: 6.401 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU060976.D

Acq: 23 Sep 2024 16:03

Instrument :

MSVOA_U

ClientSampleId :

C0B15DL

Tgt Ion: 95 Resp: 62583

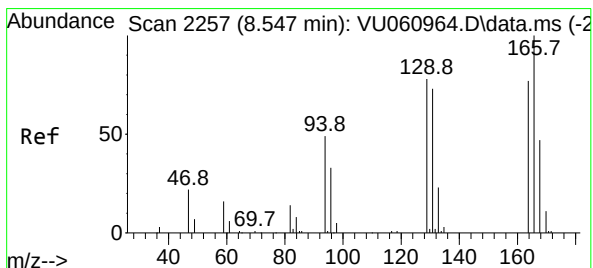
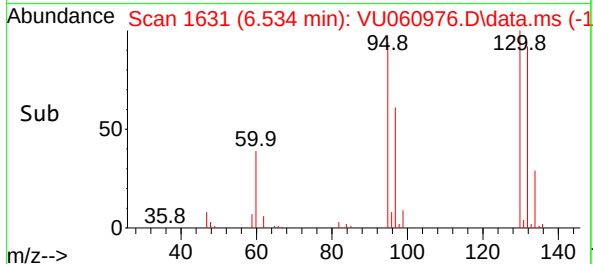
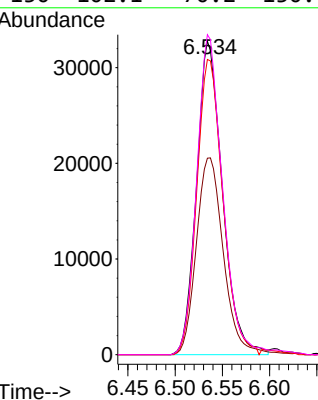
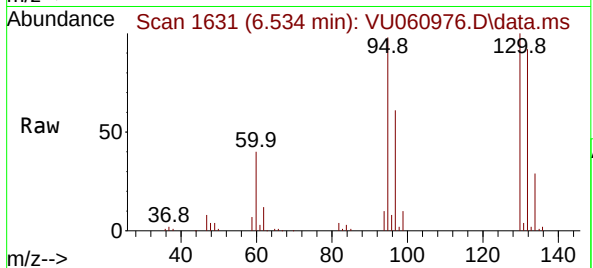
Ion Ratio Lower Upper

95 100

97 62.7 44.9 83.5

132 94.1 63.5 117.9

130 102.1 70.2 130.4



#47

Tetrachloroethene

Concen: 0.676 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU060976.D

Acq: 23 Sep 2024 16:03

Tgt Ion:164 Resp: 5252

Ion Ratio Lower Upper

164 100

129 94.5 67.3 124.9

131 94.4 65.4 121.4

166 121.9 89.5 166.1

