

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060889.D
 Acq On : 19 Sep 2024 11:34
 Operator : MD/SY
 Sample : P3952-13DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B57DL

Quant Time: Sep 19 23:55:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 23:54:48 2024
 Response via : Initial Calibration

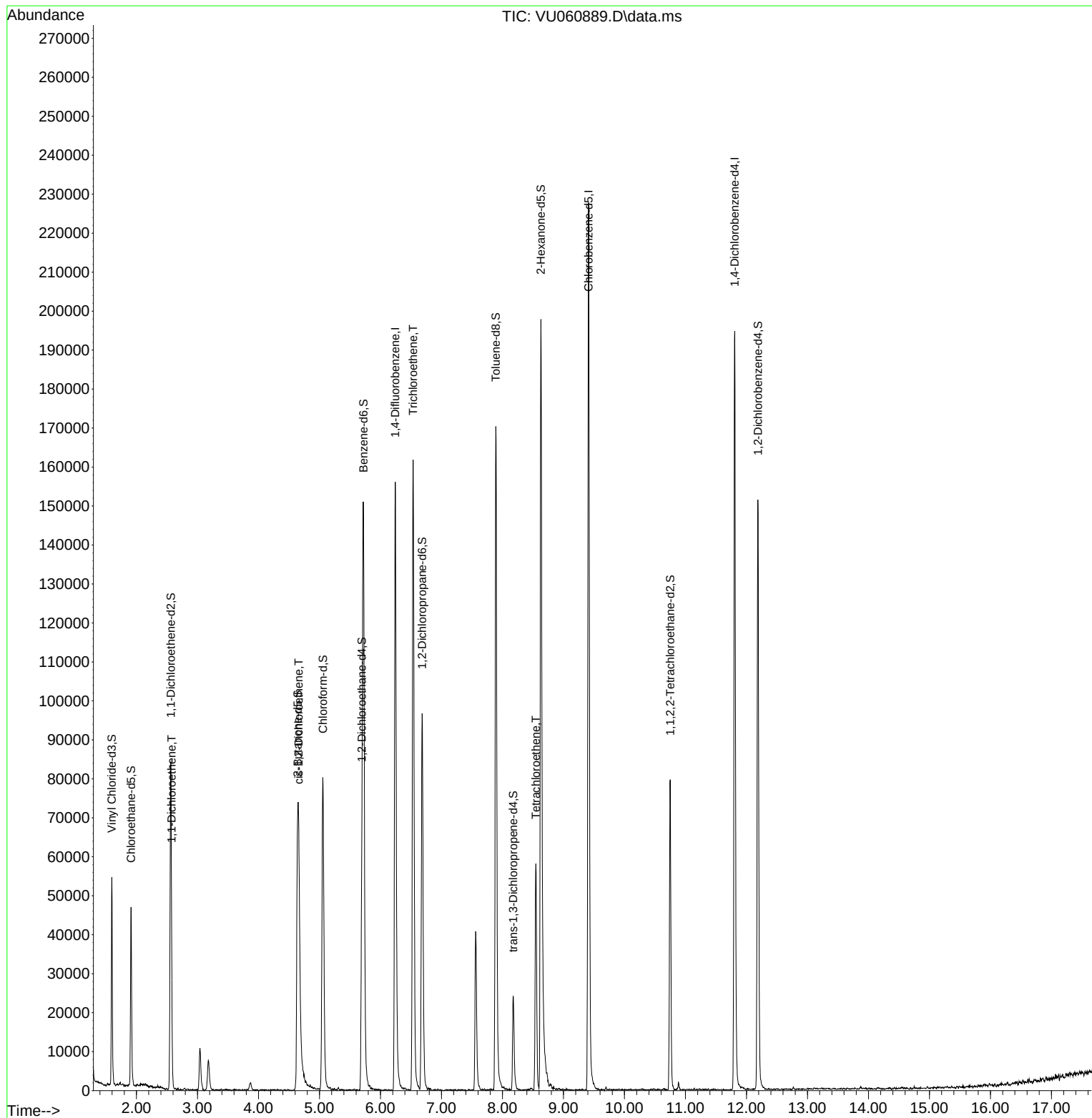
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	134989	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	142219	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	58958	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	37414	3.082	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	61.600%	
7) Chloroethane-d5	1.911	69	33151	3.835	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	76.600%	
11) 1,1-Dichloroethene-d2	2.563	65	15207	3.534	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.600%	
20) 2-Butanone-d5	4.641	46	94471	48.468	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	96.940%	
24) Chloroform-d	5.055	84	79422	4.279	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.600%	
26) 1,2-Dichloroethane-d4	5.695	65	41152	4.638	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.800%	
32) Benzene-d6	5.721	84	145849	3.826	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	76.600%	
36) 1,2-Dichloropropane-d6	6.682	67	50493	4.281	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.600%	
41) Toluene-d8	7.891	98	126639	3.644	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.800%	
43) trans-1,3-Dichloroprop...	8.177	79	17055	4.017	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.400%	
46) 2-Hexanone-d5	8.631	63	72310	43.179	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.360%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	41228	4.462	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	46587	4.703	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.000%	
Target Compounds						
12) 1,1-Dichloroethene	2.573	96	2495	0.294	ug/L	1
22) cis-1,2-Dichloroethene	4.660	96	16180	1.662	ug/L	96
34) Trichloroethene	6.534	95	57747	5.633	ug/L	96
47) Tetrachloroethene	8.547	164	13318	1.635	ug/L	93

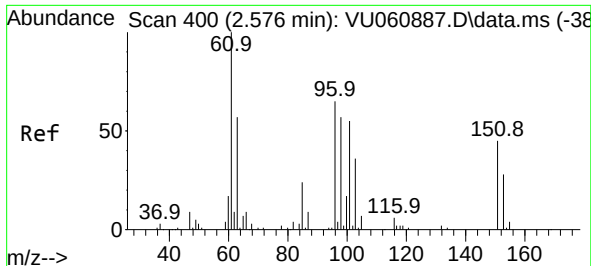
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.294 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

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MSVOA_U

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C0B57DL

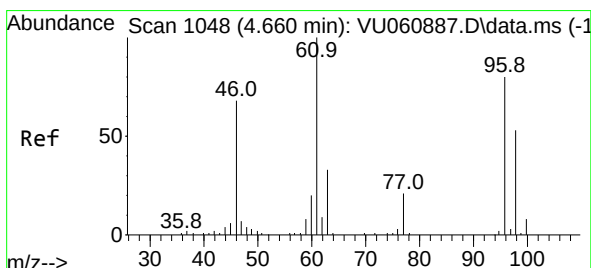
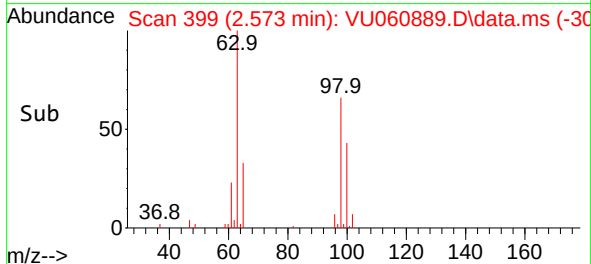
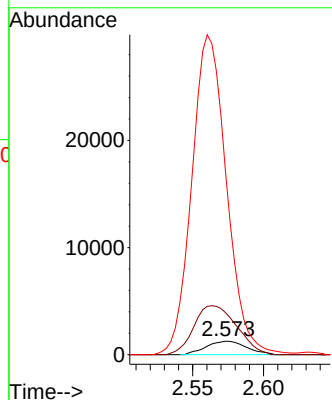
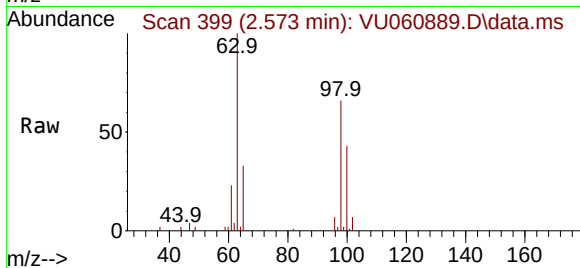
Tgt Ion: 96 Resp: 2495

Ion Ratio Lower Upper

96 100

61 311.7 120.7 224.1#

63 1356.8 90.0 167.2#



#22

cis-1,2-Dichloroethene

Concen: 1.662 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU060889.D

Acq: 19 Sep 2024 11:34

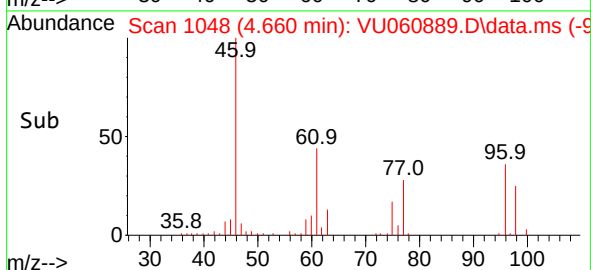
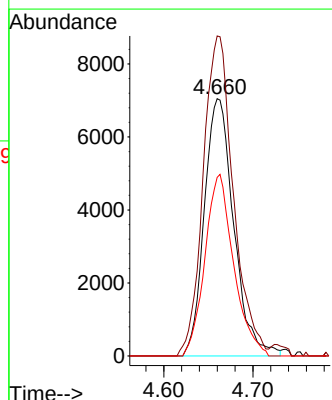
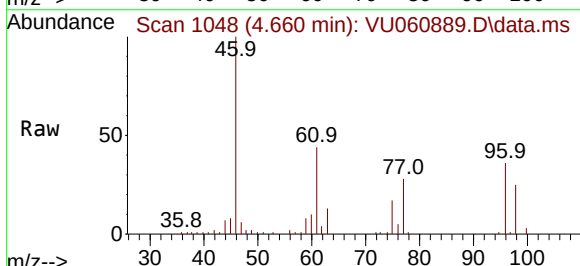
Tgt Ion: 96 Resp: 16180

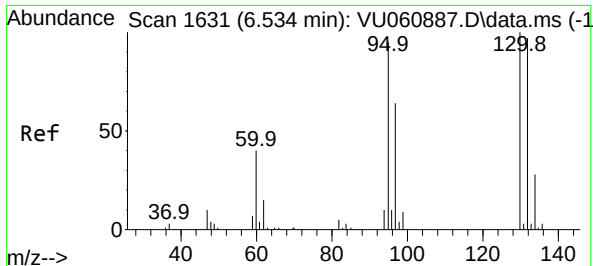
Ion Ratio Lower Upper

96 100

61 124.4 89.7 166.5

98 69.4 45.1 83.9

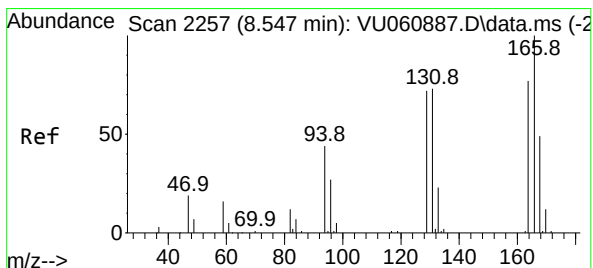
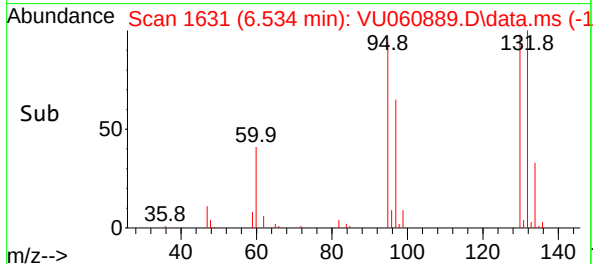
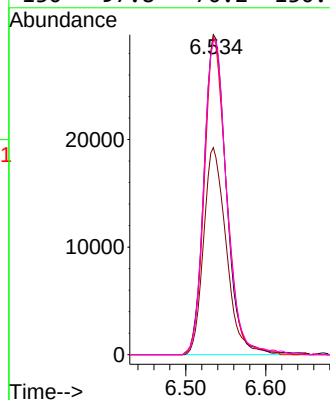
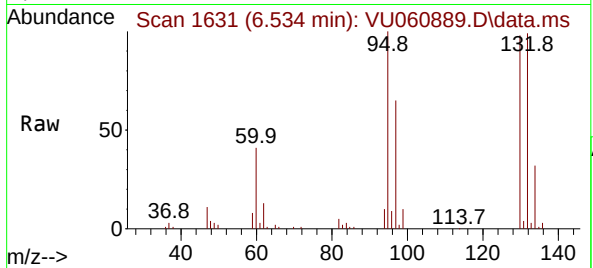




#34
Trichloroethene
Concen: 5.633 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.000 min
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Instrument :
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ClientSampleId :
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Tgt Ion: 95 Resp: 57747
Ion Ratio Lower Upper
95 100
97 64.7 44.9 83.5
132 99.5 63.5 117.9
130 97.8 70.2 130.4



#47
Tetrachloroethene
Concen: 1.635 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060889.D
Acq: 19 Sep 2024 11:34

Tgt Ion: 164 Resp: 13318
Ion Ratio Lower Upper
164 100
129 105.4 67.3 124.9
131 100.2 65.4 121.4
166 133.9 89.5 166.1

