

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091724\
 Data File : VU060832.D
 Acq On : 17 Sep 2024 14:54
 Operator : MD/SY
 Sample : P3967-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAR0

Quant Time: Sep 18 01:18:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 18 01:15:55 2024
 Response via : Initial Calibration

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

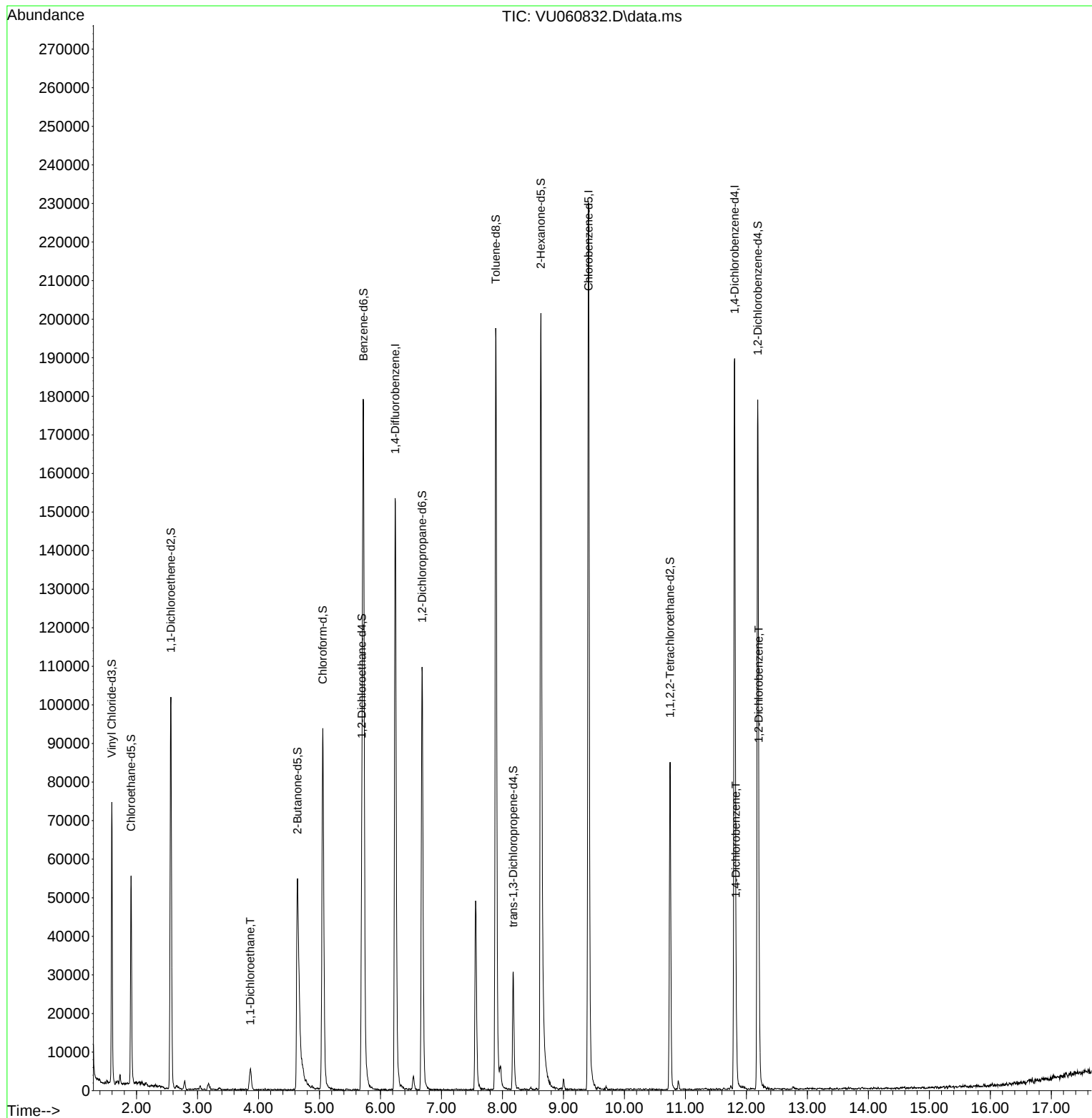
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	136079	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	145113	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	58170	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	51899	4.240	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.911	69	41326	4.742	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.563	65	19184	4.422	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.400%
20) 2-Butanone-d5	4.640	46	96820	49.275	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.560%
24) Chloroform-d	5.055	84	89453	4.781	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.695	65	44668	4.994	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.721	84	175751	4.519	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.682	67	57716	4.796	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.891	98	147328	4.155	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	8.177	79	20616	4.759	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.631	63	77541	45.379	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.760%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	45108	4.785	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	53112	5.434	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						
					Qvalue	
19) 1,1-Dichloroethane	3.865	63	7048	0.396	ug/L #	87
65) 1,4-Dichlorobenzene	11.830	146	4693	0.262	ug/L	96
67) 1,2-Dichlorobenzene	12.203	146	6826	0.416	ug/L	90

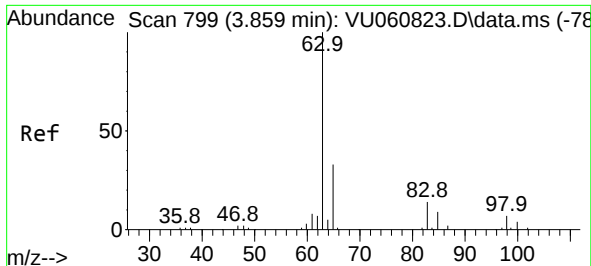
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 0.396 ug/L

RT: 3.865 min Scan# 801

Delta R.T. 0.006 min

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MSVOA_U

ClientSampleId :

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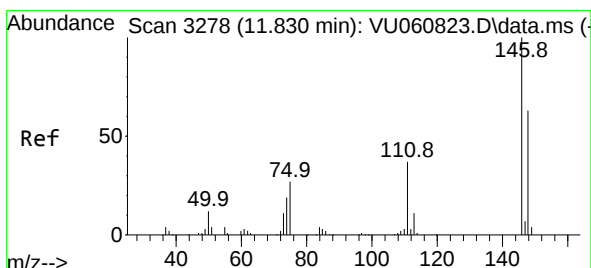
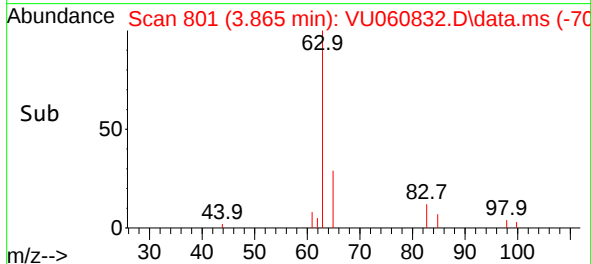
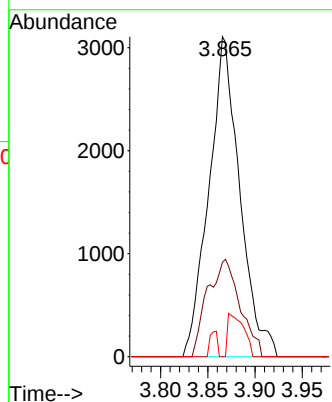
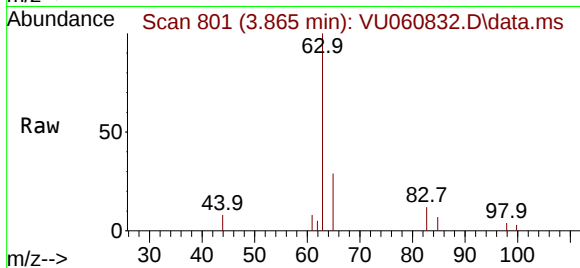
Tgt Ion: 63 Resp: 7048

Ion Ratio Lower Upper

63 100

65 29.5 23.0 42.8

83 0.0 9.0 16.6#



#65

1,4-Dichlorobenzene

Concen: 0.262 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

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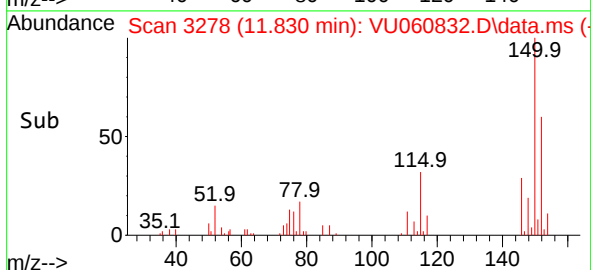
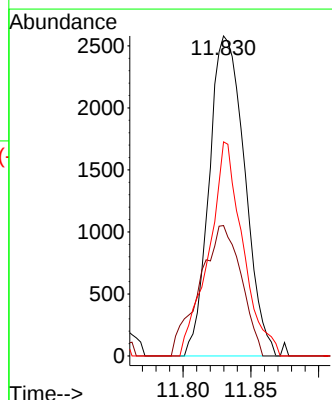
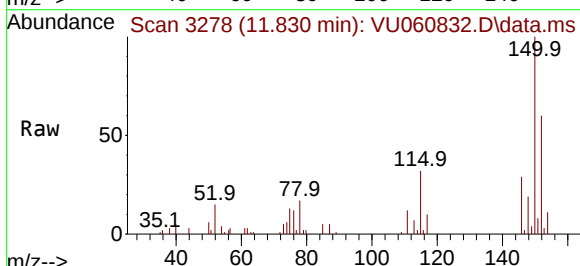
Tgt Ion:146 Resp: 4693

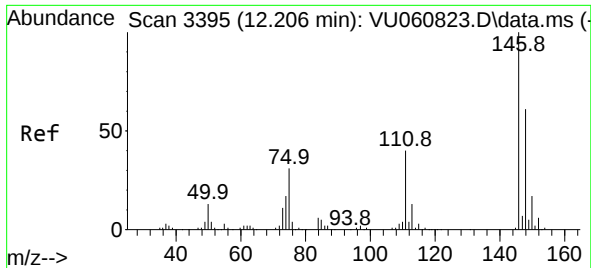
Ion Ratio Lower Upper

146 100

111 40.7 26.3 48.9

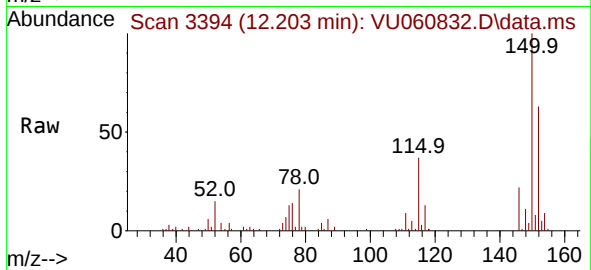
148 66.9 45.3 84.1





#67
 1,2-Dichlorobenzene
 Concen: 0.416 ug/L
 RT: 12.203 min Scan# 31
 Delta R.T. -0.003 min
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Tgt Ion:	146	Resp:	6826
Ion	Ratio	Lower	Upper
146	100		
111	41.0	33.4	50.0
148	51.5	50.9	76.3

