

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092023\
 Data File : VU055429.D
 Acq On : 20 Sep 2023 16:53
 Operator : MD/SY
 Sample : 04398-05DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4P6DL

Quant Time: Sep 21 00:30:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 21 00:26:15 2023
 Response via : Initial Calibration

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

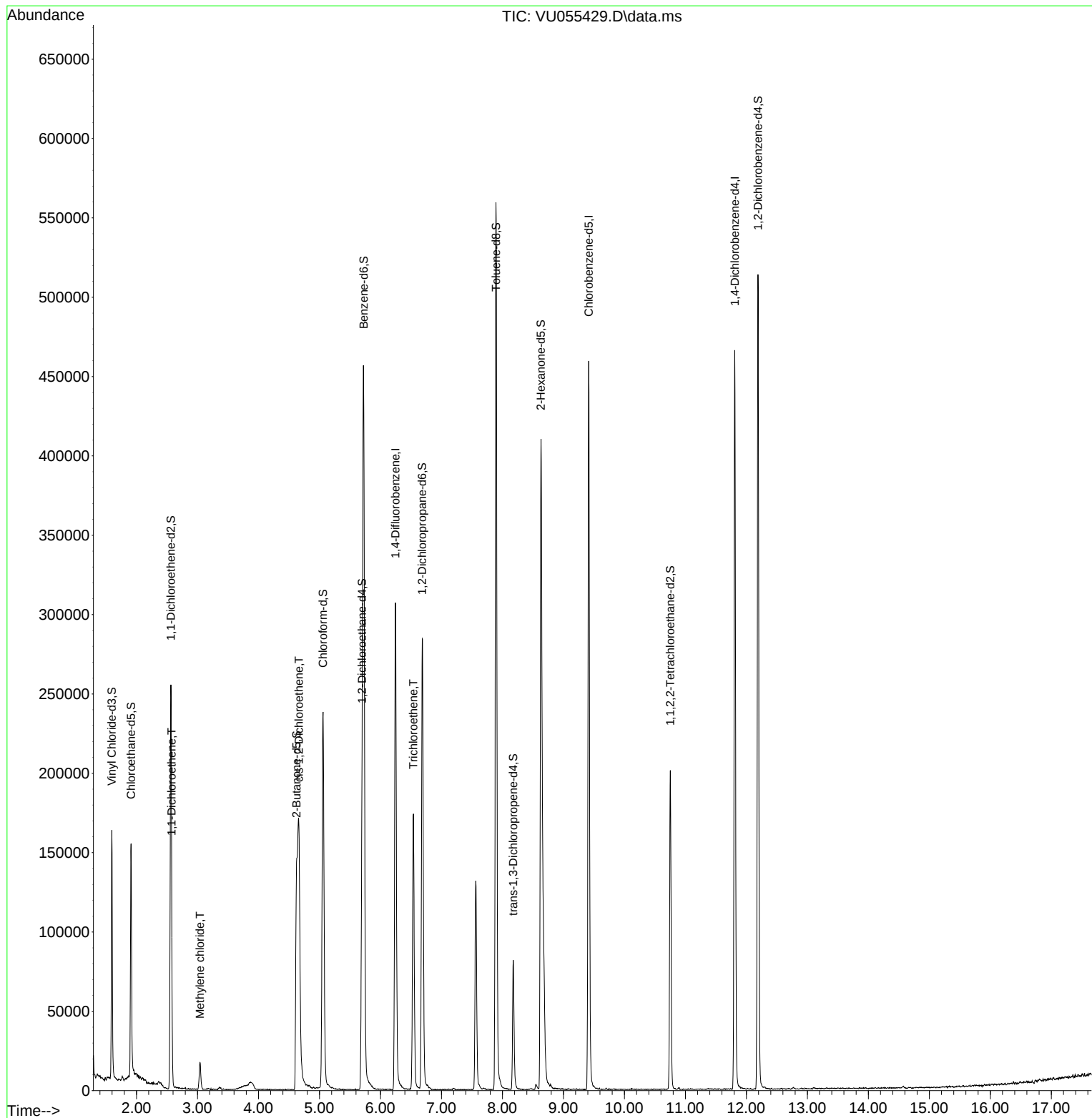
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	254221	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	259471	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	124135	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	110825	4.313	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.911	69	103525	4.572	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.563	65	47154	4.459	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	4.624	46	238622	51.417	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.840%
24) Chloroform-d	5.058	84	223809	4.816	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.698	65	116674	5.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.724	84	446642	4.921	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.685	67	138515	5.108	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.894	98	384129	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	8.177	79	46859	4.924	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.400%
46) 2-Hexanone-d5	8.631	63	126344	43.649	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.300%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	99061	4.874	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	134674	5.375	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	4116	0.232	ug/L	# 1
16) Methylene chloride	3.039	84	8127	0.382	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	68782	3.311	ug/L	99
34) Trichloroethene	6.541	95	58279	2.759	ug/L	98

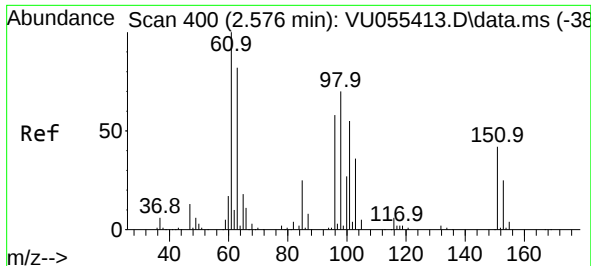
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.232 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

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Instrument :

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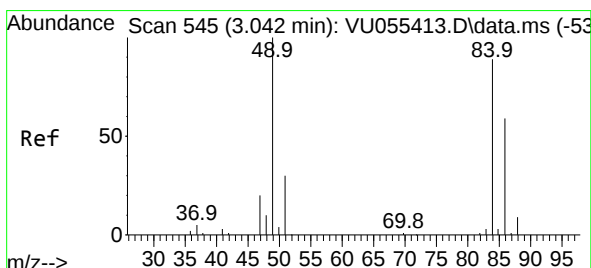
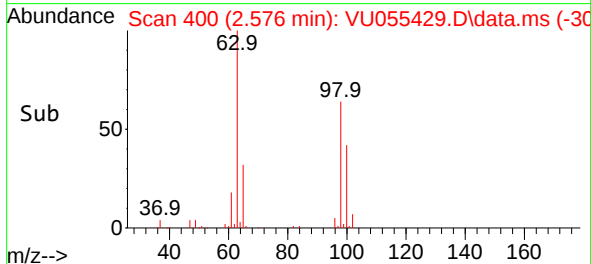
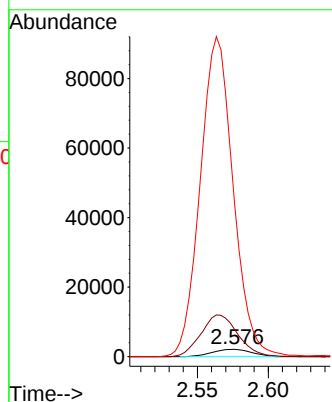
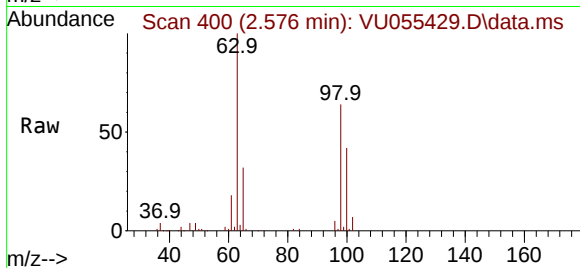
Tgt Ion: 96 Resp: 4116

Ion Ratio Lower Upper

96 100

61 367.9 114.5 212.7#

63 2065.1 98.3 182.5#



#16

Methylene chloride

Concen: 0.382 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.003 min

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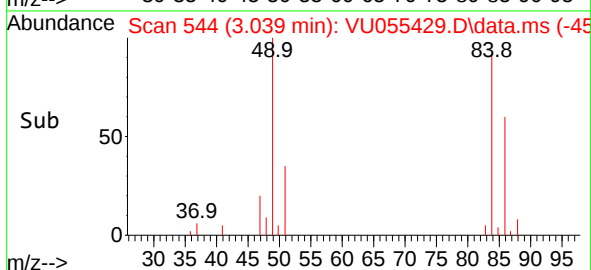
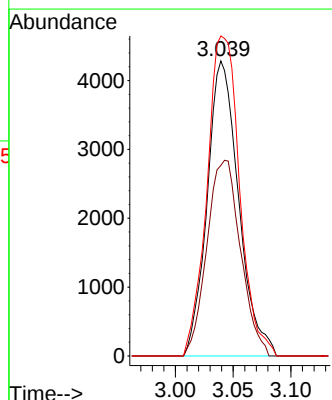
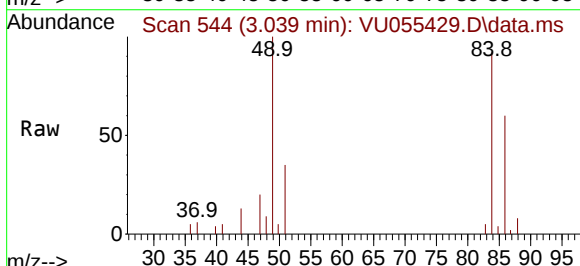
Tgt Ion: 84 Resp: 8127

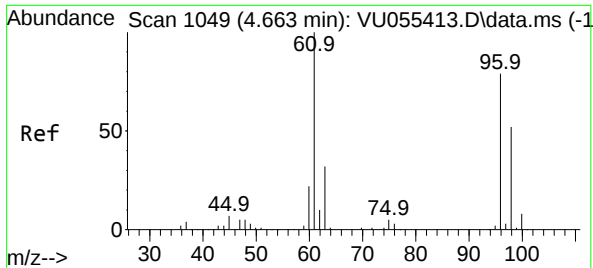
Ion Ratio Lower Upper

84 100

86 64.6 44.9 83.3

49 114.0 78.8 146.3

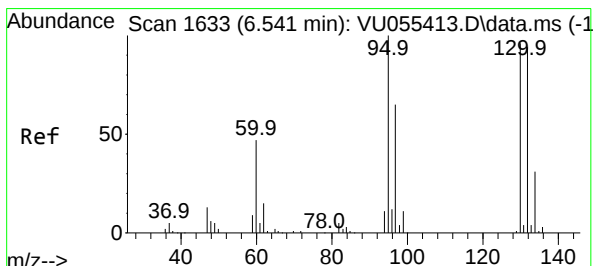
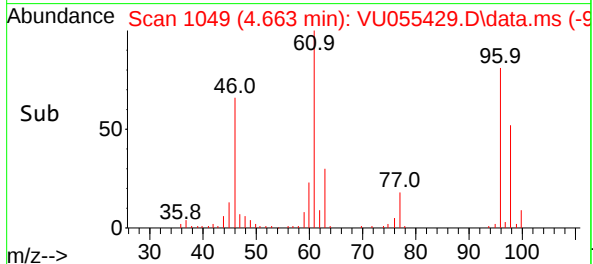
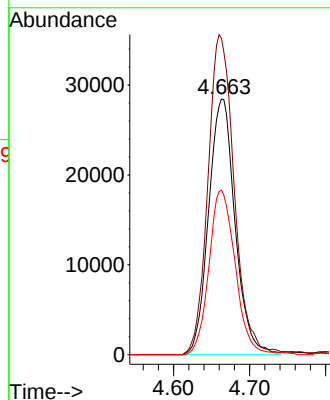
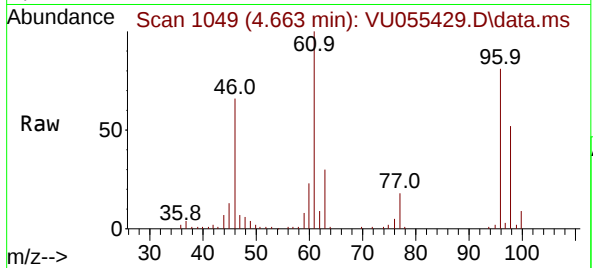




#22
 cis-1,2-Dichloroethene
 Concen: 3.311 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU055429.D
 Acq: 20 Sep 2023 16:53

Instrument :
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Tgt Ion: 96 Resp: 68782
 Ion Ratio Lower Upper
 96 100
 61 123.7 87.8 163.2
 98 64.4 44.4 82.4



#34
 Trichloroethene
 Concen: 2.759 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.000 min
 Lab File: VU055429.D
 Acq: 20 Sep 2023 16:53

Tgt Ion: 95 Resp: 58279
 Ion Ratio Lower Upper
 95 100
 97 62.7 45.4 84.2
 132 94.2 65.2 121.2
 130 99.9 69.1 128.3

