

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092024\
 Data File : VU060946.D
 Acq On : 20 Sep 2024 16:24
 Operator : MD/SY
 Sample : P3987-04DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8P4DL

Quant Time: Sep 21 01:42:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 21 01:39:49 2024
 Response via : Initial Calibration

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

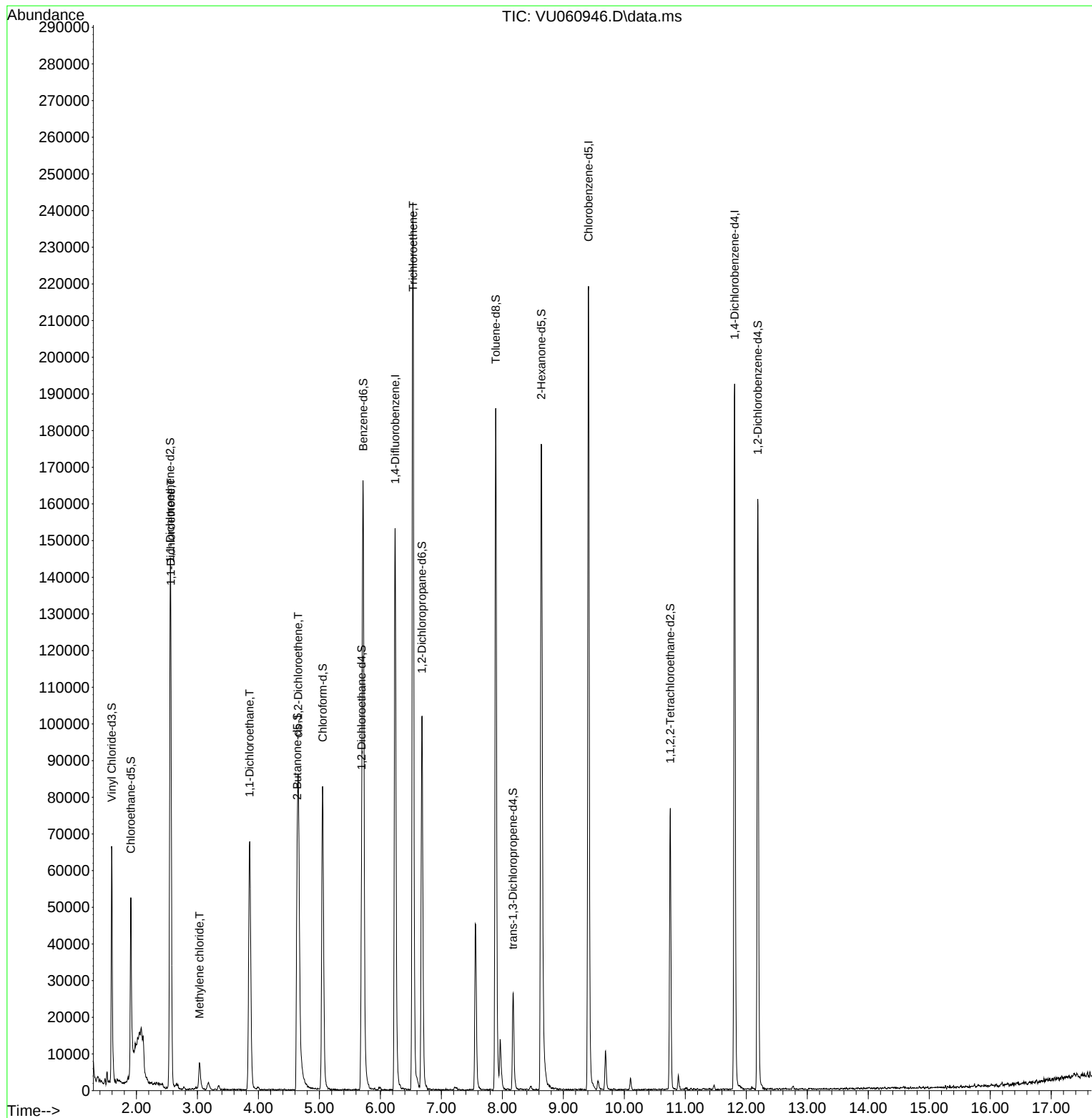
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	128694	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	131538	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	54365	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	51780	4.473	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.908	69	41688	5.058	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.200%
11) 1,1-Dichloroethene-d2	2.551	65	19281	4.700	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.000%
20) 2-Butanone-d5	4.634	46	87899	47.302	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.600%
24) Chloroform-d	5.052	84	80293	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.692	65	40894	4.835	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.718	84	159822	4.533	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.679	67	52074	4.774	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.891	98	130877	4.072	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	8.174	79	17952	4.572	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.637	63	71255	46.004	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.000%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	40089	4.691	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	44811	4.905	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.564	96	26037	3.216	ug/L	# 76
16) Methylene chloride	3.033	84	4329	0.462	ug/L	86
19) 1,1-Dichloroethane	3.856	63	81283	4.826	ug/L	97
22) cis-1,2-Dichloroethene	4.654	96	30790	3.317	ug/L	98
34) Trichloroethene	6.535	95	86439	9.117	ug/L	97

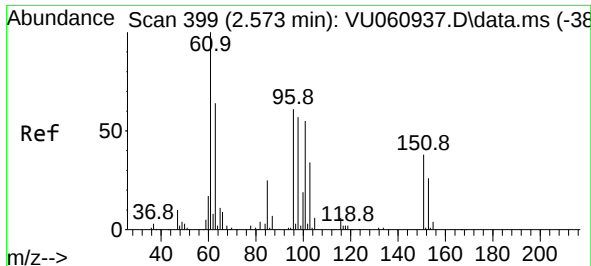
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 3.216 ug/L

RT: 2.564 min Scan# 399

Delta R.T. -0.009 min

Lab File: VU060946.D

Acq: 20 Sep 2024 16:24

Instrument :

MSVOA_U

ClientSampleId :

BH8P4DL

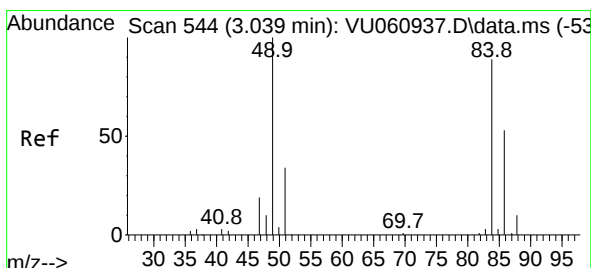
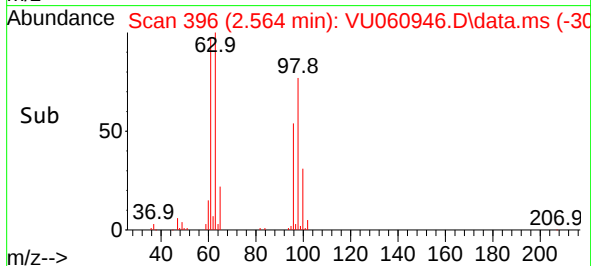
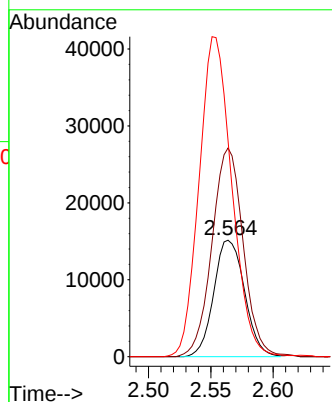
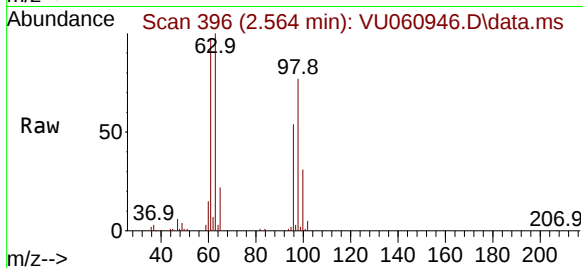
Tgt Ion: 96 Resp: 26037

Ion Ratio Lower Upper

96 100

61 179.1 120.7 224.1

63 185.4 90.0 167.2#



#16

Methylene chloride

Concen: 0.462 ug/L

RT: 3.033 min Scan# 542

Delta R.T. -0.006 min

Lab File: VU060946.D

Acq: 20 Sep 2024 16:24

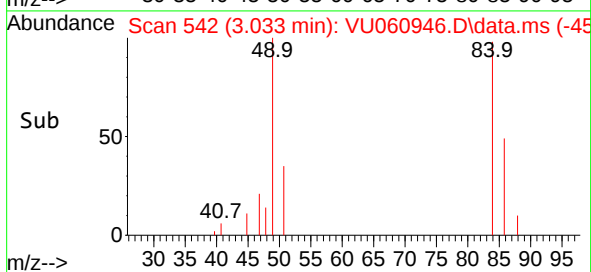
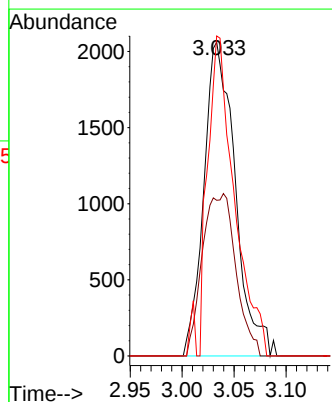
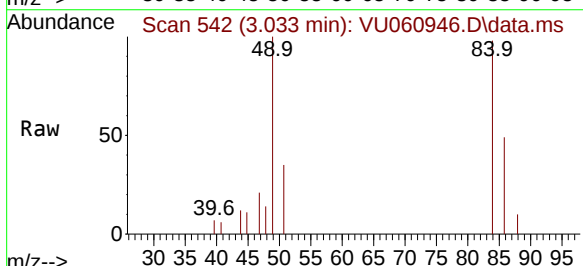
Tgt Ion: 84 Resp: 4329

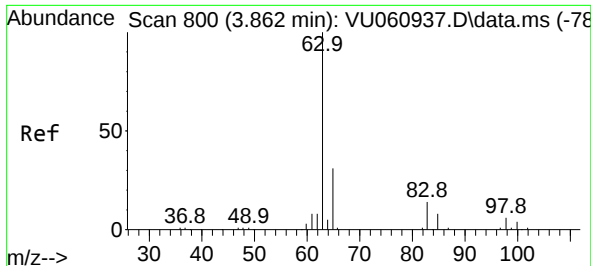
Ion Ratio Lower Upper

84 100

86 49.6 47.3 87.8

49 102.0 78.7 146.1





#19

1,1-Dichloroethane

Concen: 4.826 ug/L

RT: 3.856 min Scan# 79

Delta R.T. -0.006 min

Lab File: VU060946.D

Acq: 20 Sep 2024 16:24

Instrument :

MSVOA_U

ClientSampleId :

BH8P4DL

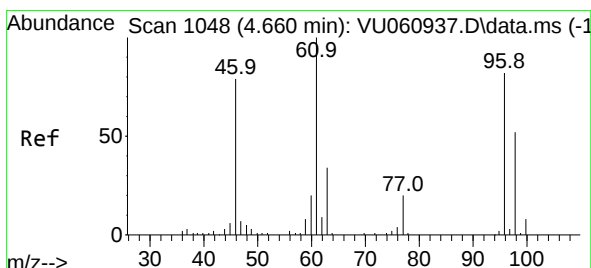
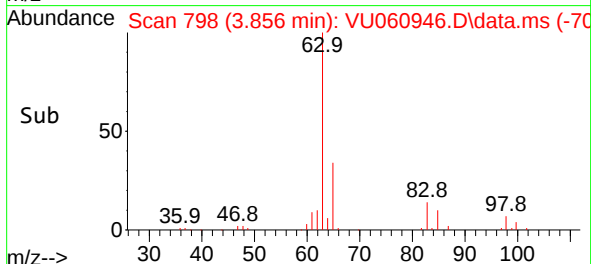
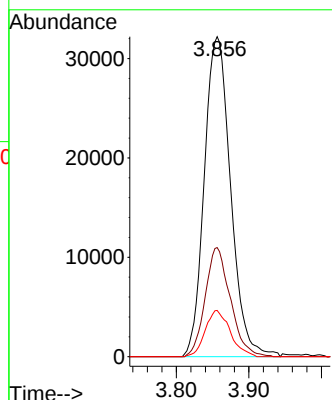
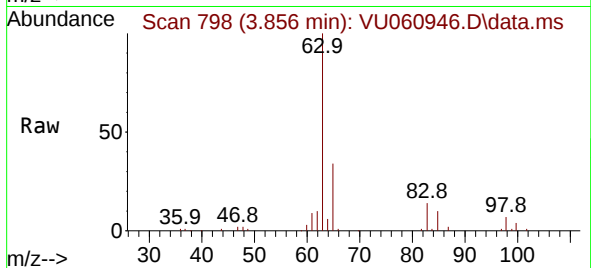
Tgt Ion: 63 Resp: 81283

Ion Ratio Lower Upper

63 100

65 34.1 23.0 42.8

83 14.5 9.0 16.6



#22

cis-1,2-Dichloroethene

Concen: 3.317 ug/L

RT: 4.654 min Scan# 1046

Delta R.T. -0.006 min

Lab File: VU060946.D

Acq: 20 Sep 2024 16:24

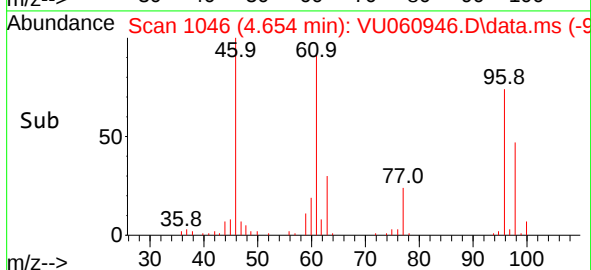
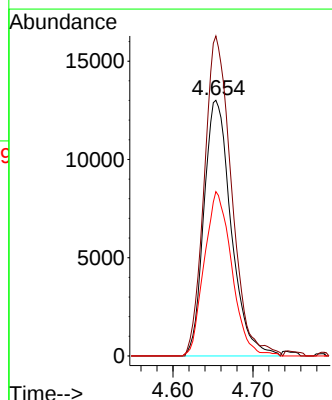
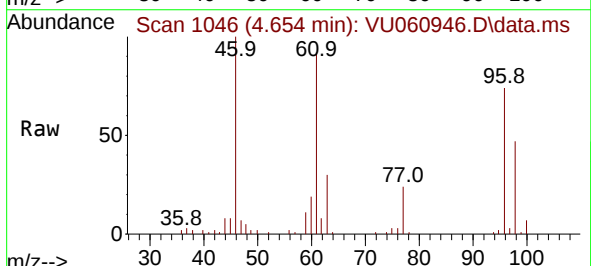
Tgt Ion: 96 Resp: 30790

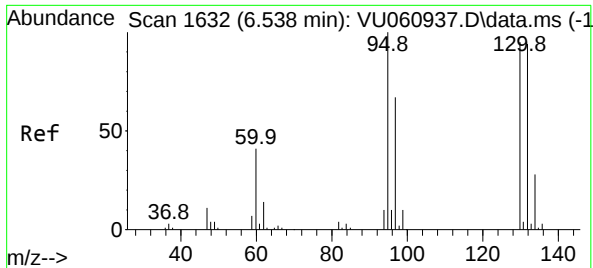
Ion Ratio Lower Upper

96 100

61 125.2 89.7 166.5

98 64.3 45.1 83.9





#34
 Trichloroethene
 Concen: 9.117 ug/L
 RT: 6.535 min Scan# 1
 Delta R.T. -0.003 min
 Lab File: VU060946.D
 Acq: 20 Sep 2024 16:24

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8P4DL

Tgt Ion: 95 Resp: 86439

Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.9	83.5
132	94.6	63.5	117.9
130	95.7	70.2	130.4

