

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092024\
 Data File : VU060942.D
 Acq On : 20 Sep 2024 14:51
 Operator : MD/SY
 Sample : P3987-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Q5

Quant Time: Sep 21 01:41:19 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)

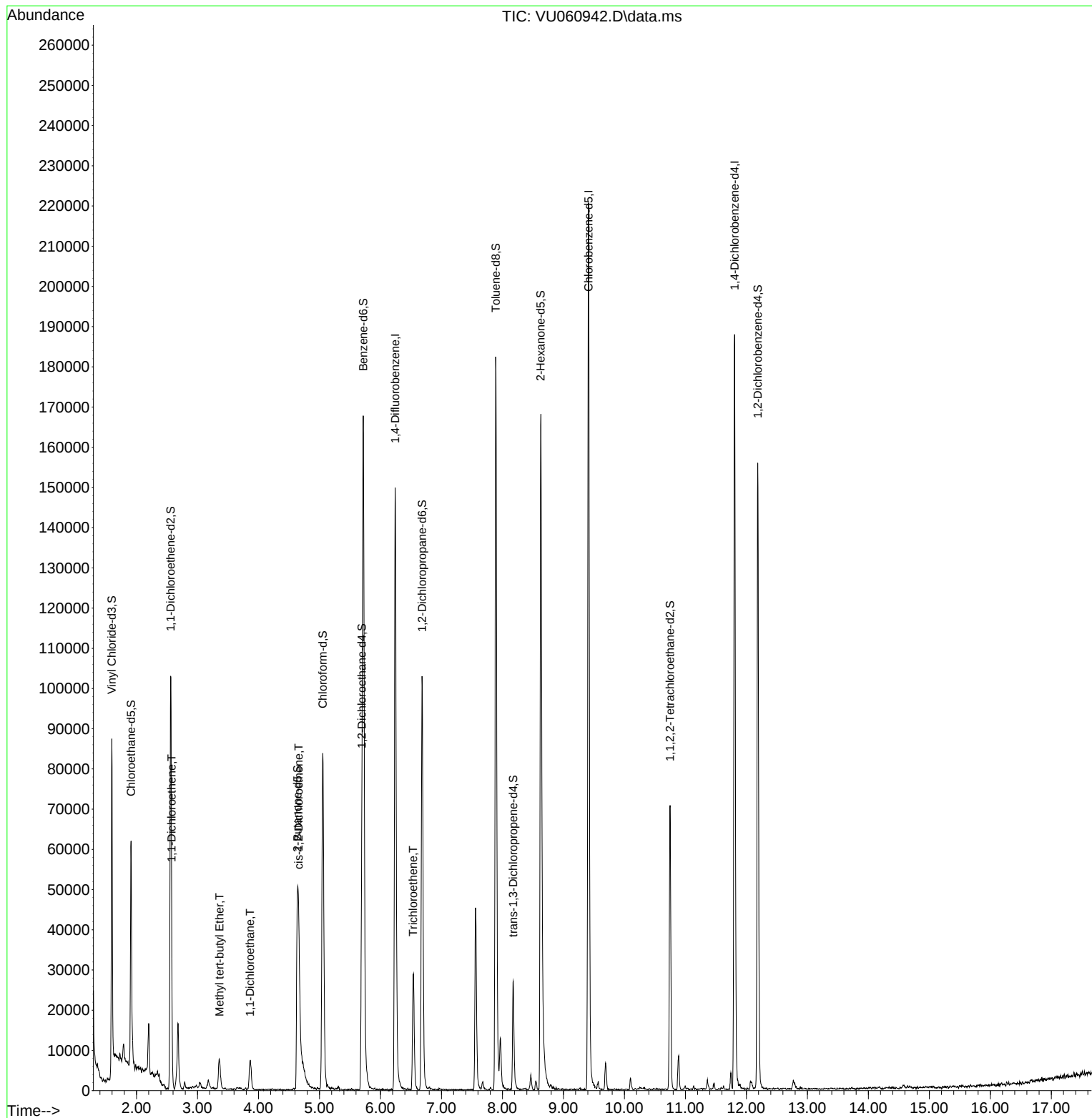
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	125075	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	133108	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	56010	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	52885	4.701	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.000%	
7) Chloroethane-d5	1.911	69	40630	5.073	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.400%	
11) 1,1-Dichloroethene-d2	2.560	65	19041	4.775	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.600%	
20) 2-Butanone-d5	4.637	46	76485	42.351	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	84.700%	
24) Chloroform-d	5.055	84	83933	4.880	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.600%	
26) 1,2-Dichloroethane-d4	5.695	65	40659	4.946	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.000%	
32) Benzene-d6	5.718	84	161648	4.531	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
36) 1,2-Dichloropropane-d6	6.682	67	53908	4.884	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.600%	
41) Toluene-d8	7.891	98	132331	4.068	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.400%	
43) trans-1,3-Dichloroprop...	8.177	79	16795	4.227	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.600%	
46) 2-Hexanone-d5	8.627	63	61842	39.456	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	78.920%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	38438	4.445	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	44427	4.721	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.400%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	3499	0.445	ug/L #	1
17) Methyl tert-butyl Ether	3.361	73	7763	0.437	ug/L #	94
19) 1,1-Dichloroethane	3.862	63	9613	0.587	ug/L	90
22) cis-1,2-Dichloroethene	4.660	96	10677	1.183	ug/L	92
34) Trichloroethene	6.534	95	10584	1.103	ug/L	95

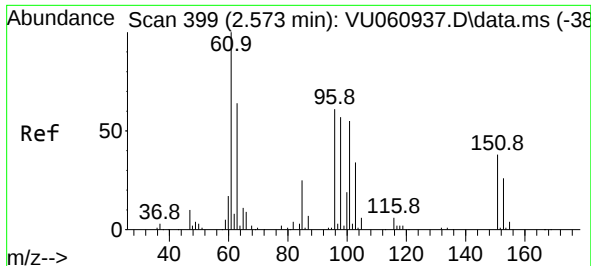
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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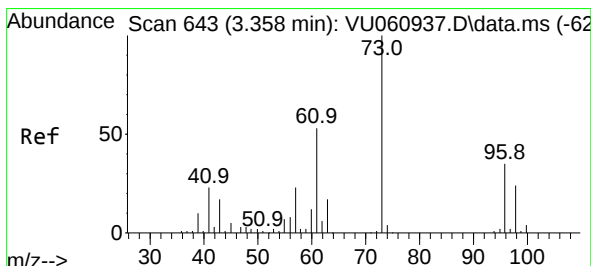
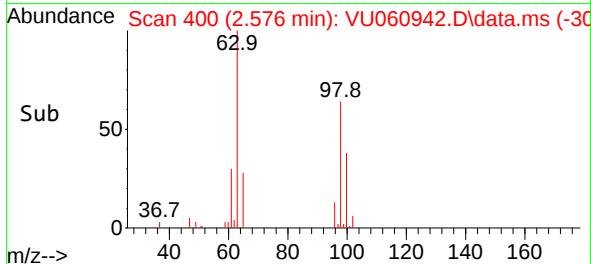
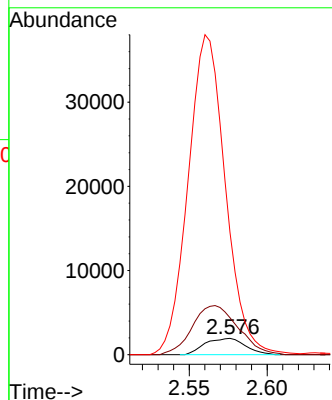
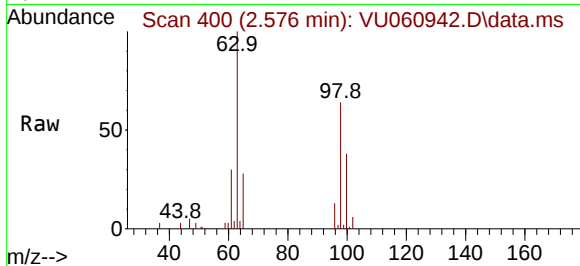




#12
 1,1-Dichloroethene
 Concen: 0.445 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU060942.D
 Acq: 20 Sep 2024 14:51

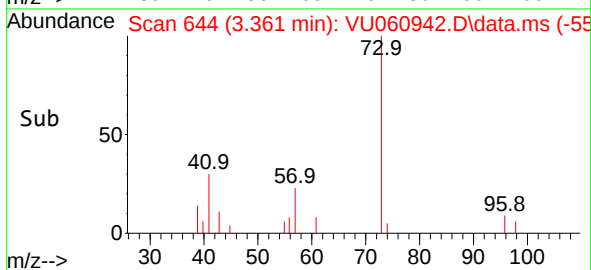
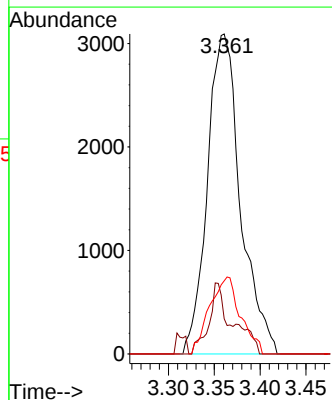
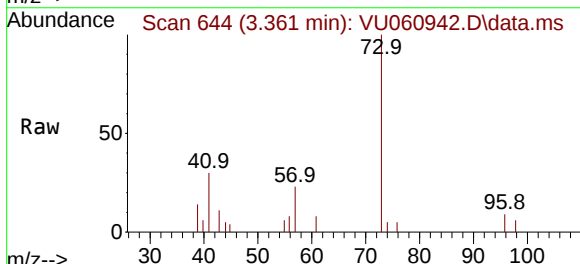
Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Q5

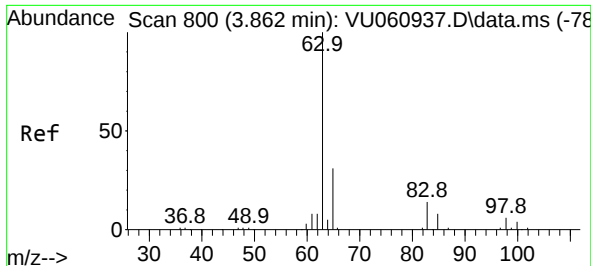
Tgt Ion: 96 Resp: 3499
 Ion Ratio Lower Upper
 96 100
 61 226.6 120.7 224.1#
 63 752.7 90.0 167.2#



#17
 Methyl tert-butyl Ether
 Concen: 0.437 ug/L
 RT: 3.361 min Scan# 644
 Delta R.T. 0.003 min
 Lab File: VU060942.D
 Acq: 20 Sep 2024 14:51

Tgt Ion: 73 Resp: 7763
 Ion Ratio Lower Upper
 73 100
 43 11.3 13.8 20.8#
 57 22.4 18.0 27.0





#19

1,1-Dichloroethane

Concen: 0.587 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

Lab File: VU060942.D

Acq: 20 Sep 2024 14:51

Instrument :

MSVOA_U

ClientSampleId :

BH8Q5

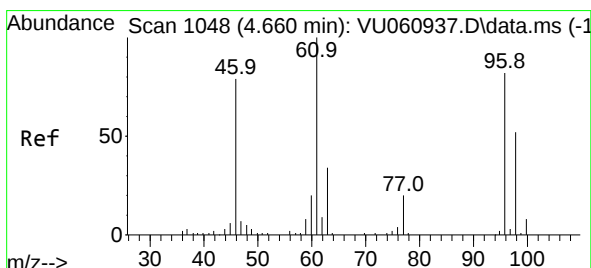
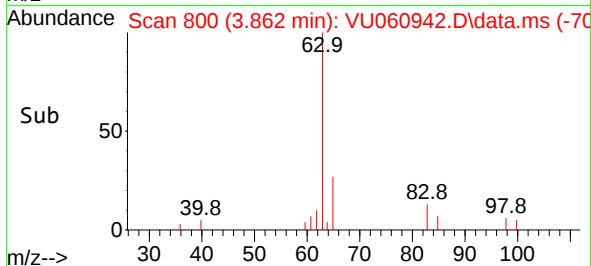
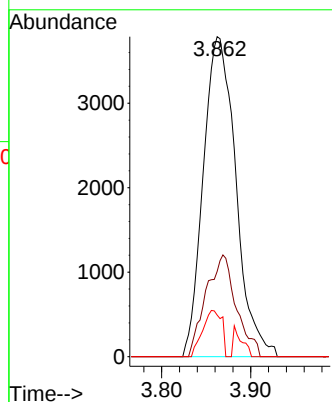
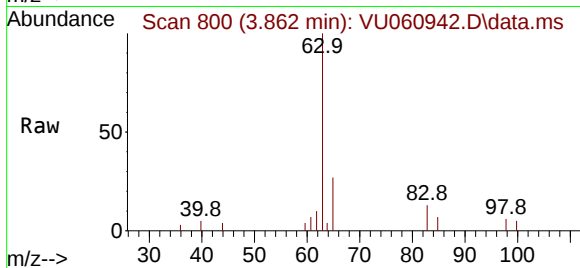
Tgt Ion: 63 Resp: 9613

Ion Ratio Lower Upper

63 100

65 25.5 23.0 42.8

83 12.5 9.0 16.6



#22

cis-1,2-Dichloroethene

Concen: 1.183 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.000 min

Lab File: VU060942.D

Acq: 20 Sep 2024 14:51

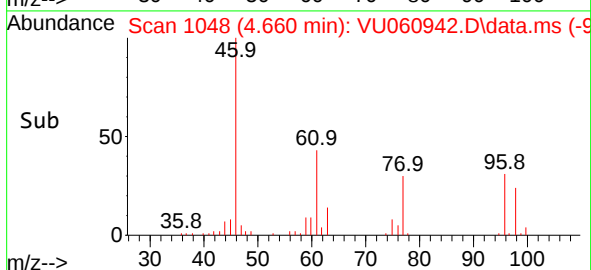
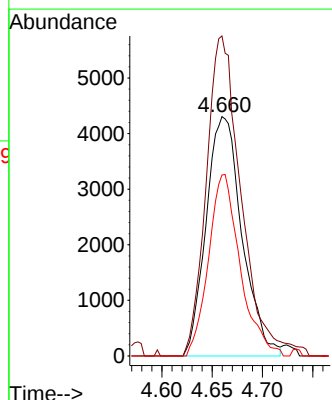
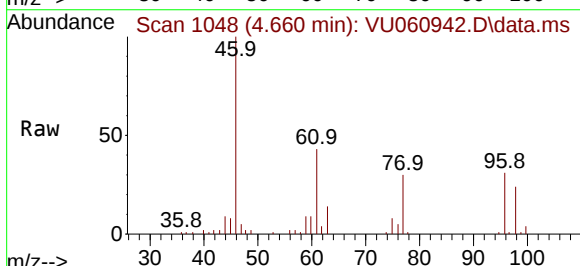
Tgt Ion: 96 Resp: 10677

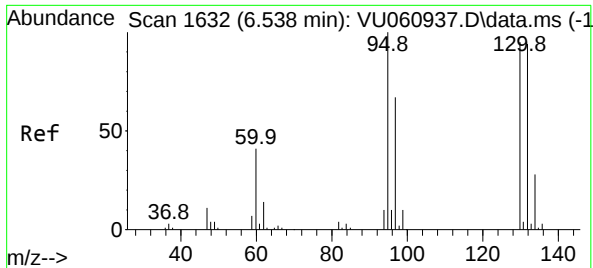
Ion Ratio Lower Upper

96 100

61 133.7 89.7 166.5

98 75.6 45.1 83.9





#34
 Trichloroethene
 Concen: 1.103 ug/L
 RT: 6.534 min Scan# 1
 Delta R.T. -0.003 min
 Lab File: VU060942.D
 Acq: 20 Sep 2024 14:51

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Q5

Tgt Ion: 95 Resp: 10584

Ion	Ratio	Lower	Upper
95	100		
97	57.9	44.9	83.5
132	85.4	63.5	117.9
130	102.1	70.2	130.4

