

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060909.D
 Acq On : 19 Sep 2024 19:32
 Operator : MD/SY
 Sample : P3987-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8P7

Quant Time: Sep 20 00:00:51 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)

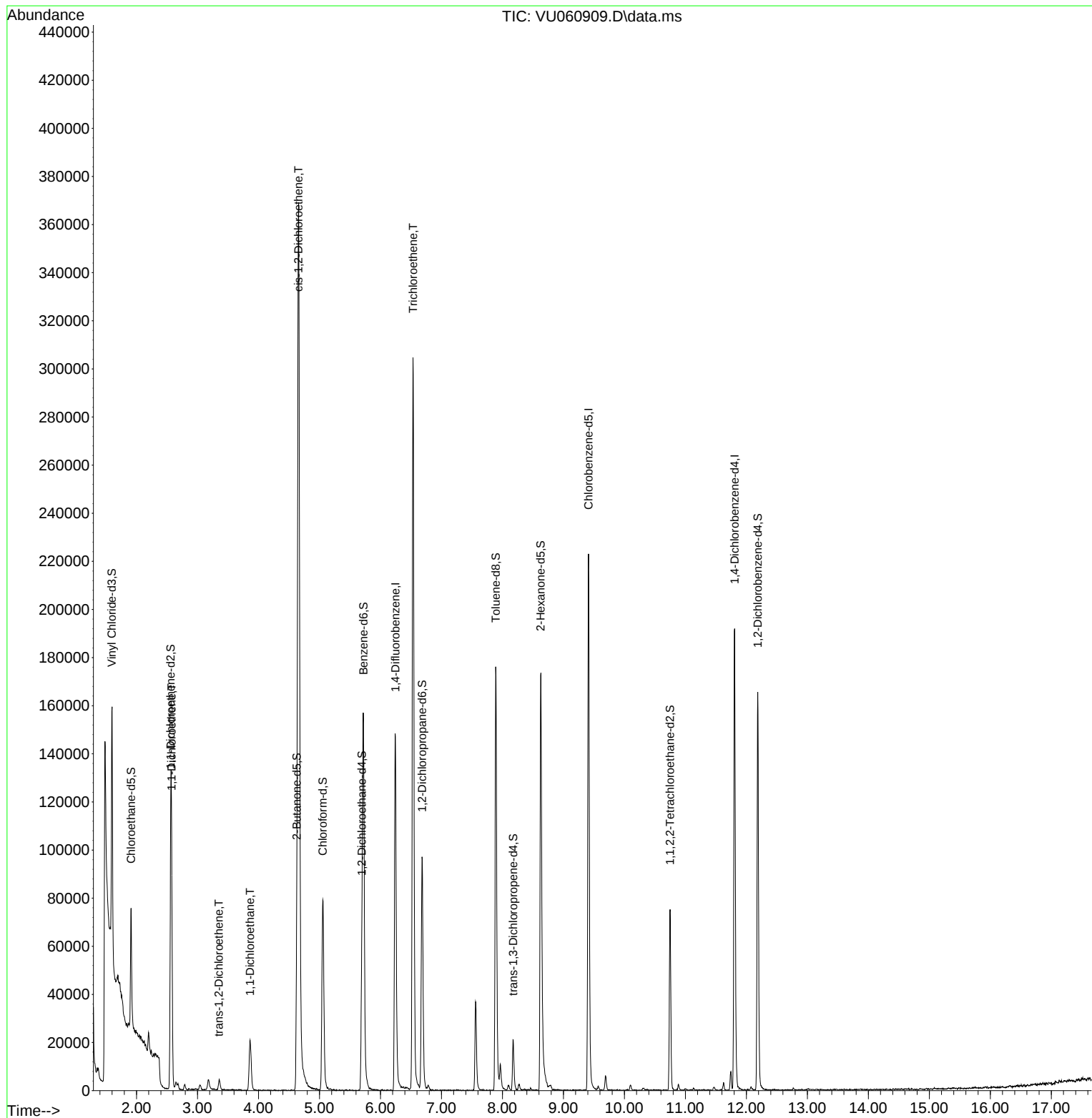
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	130840	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	138520	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	58745	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	44052	3.743	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.911	69	36507	4.357	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.560	65	18399	4.411	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.628	46	73004	38.642	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.280%
24) Chloroform-d	5.055	84	80246	4.461	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.695	65	39913	4.641	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.721	84	155559	4.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.682	67	50396	4.387	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.891	98	129292	3.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	8.177	79	13515	3.269	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.400%
46) 2-Hexanone-d5	8.627	63	63357	38.843	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.680%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	38450	4.272	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	49005	4.965	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	25631	3.114	ug/L	91
18) trans-1,2-Dichloroethene	3.351	96	1395	0.164	ug/L #	78
19) 1,1-Dichloroethane	3.862	63	25707	1.501	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	201446	21.343	ug/L	96
34) Trichloroethene	6.534	95	108052	10.822	ug/L	93

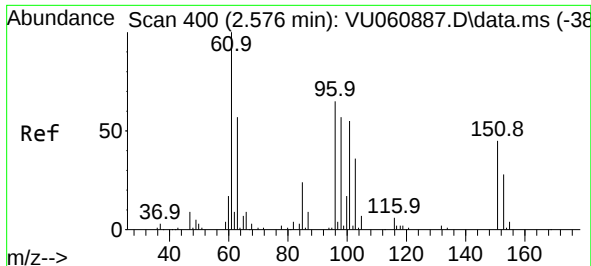
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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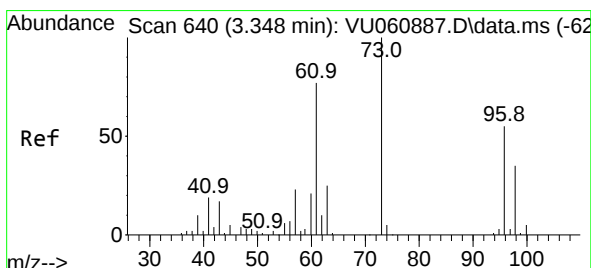
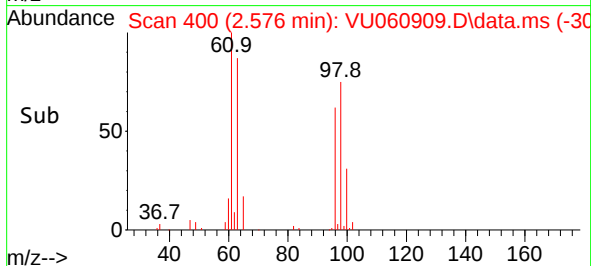
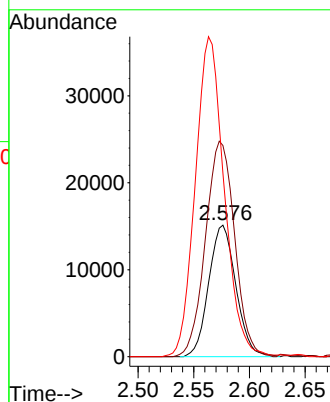
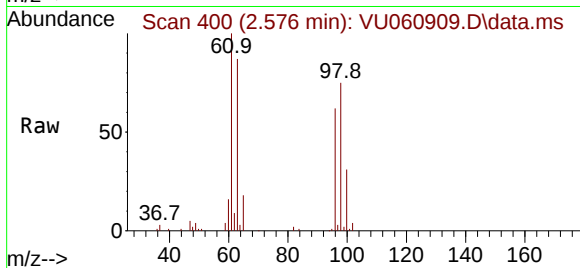




#12
1,1-Dichloroethene
Concen: 3.114 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU060909.D
Acq: 19 Sep 2024 19:32

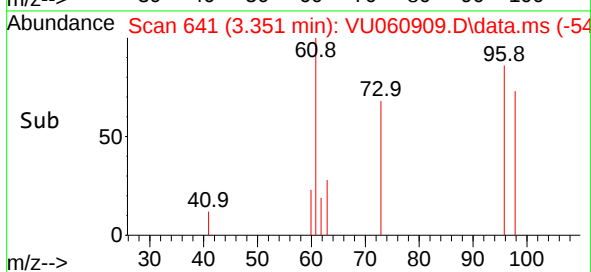
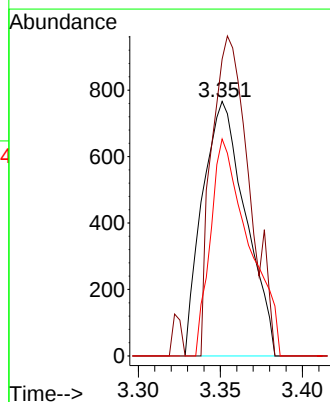
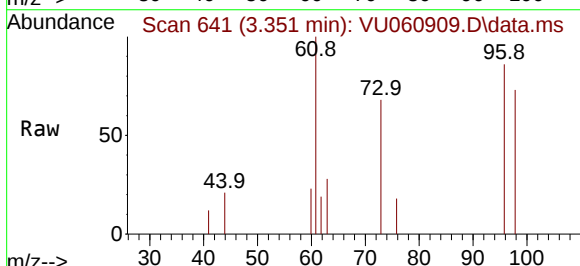
Instrument :
MSVOA_U
ClientSampleId :
BH8P7

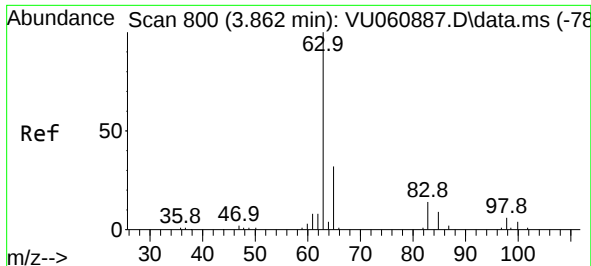
Tgt Ion: 96 Resp: 25631
Ion Ratio Lower Upper
96 100
61 160.7 120.7 224.1
63 139.6 90.0 167.2



#18
trans-1,2-Dichloroethene
Concen: 0.164 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU060909.D
Acq: 19 Sep 2024 19:32

Tgt Ion: 96 Resp: 1395
Ion Ratio Lower Upper
96 100
61 116.6 97.2 180.6
98 85.2 43.3 80.5#





#19

1,1-Dichloroethane

Concen: 1.501 ug/L

RT: 3.862 min Scan# 800

Delta R.T. 0.000 min

Lab File: VU060909.D

Acq: 19 Sep 2024 19:32

Instrument :

MSVOA_U

ClientSampleId :

BH8P7

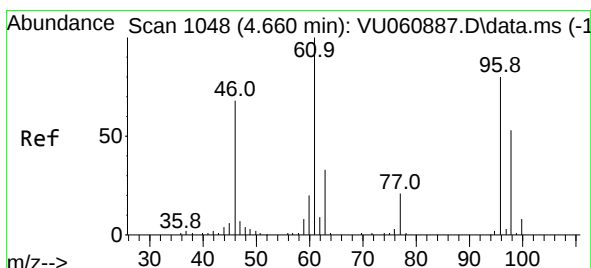
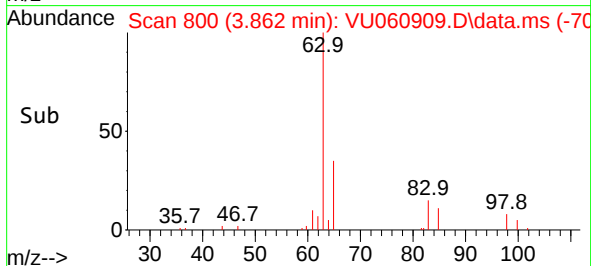
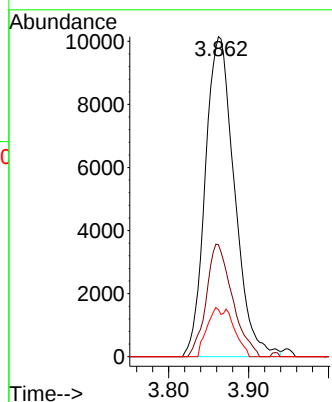
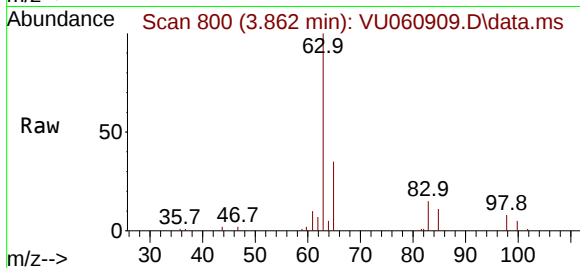
Tgt Ion: 63 Resp: 25707

Ion Ratio Lower Upper

63 100

65 35.0 23.0 42.8

83 14.7 9.0 16.6



#22

cis-1,2-Dichloroethene

Concen: 21.343 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU060909.D

Acq: 19 Sep 2024 19:32

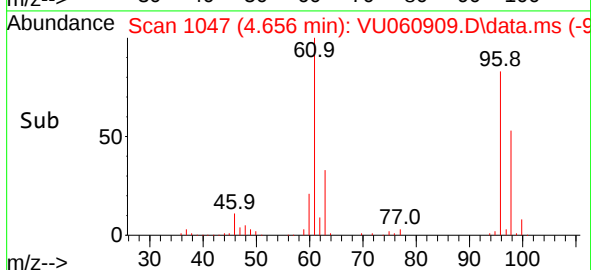
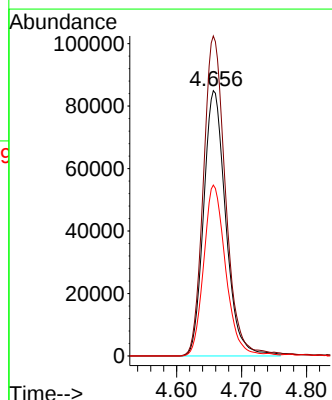
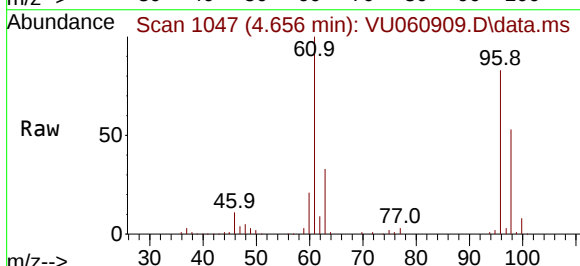
Tgt Ion: 96 Resp: 201446

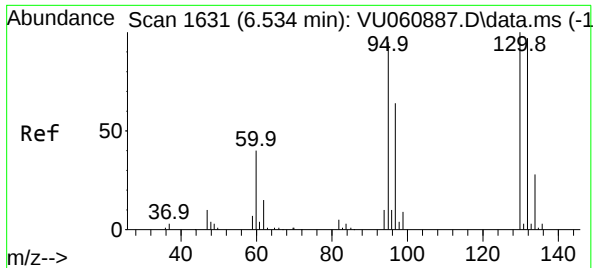
Ion Ratio Lower Upper

96 100

61 120.6 89.7 166.5

98 64.4 45.1 83.9





#34
 Trichloroethene
 Concen: 10.822 ug/L
 RT: 6.534 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VU060909.D
 Acq: 19 Sep 2024 19:32

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8P7

Tgt Ion: 95 Resp: 108052
 Ion Ratio Lower Upper
 95 100
 97 66.4 44.9 83.5
 132 101.3 63.5 117.9
 130 107.0 70.2 130.4

