

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092624\
 Data File : VU061023.D
 Acq On : 26 Sep 2024 16:17
 Operator : MD/SY
 Sample : P4186-16DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY069DL

Quant Time: Sep 27 04:54:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 27 04:49:19 2024
 Response via : Initial Calibration

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

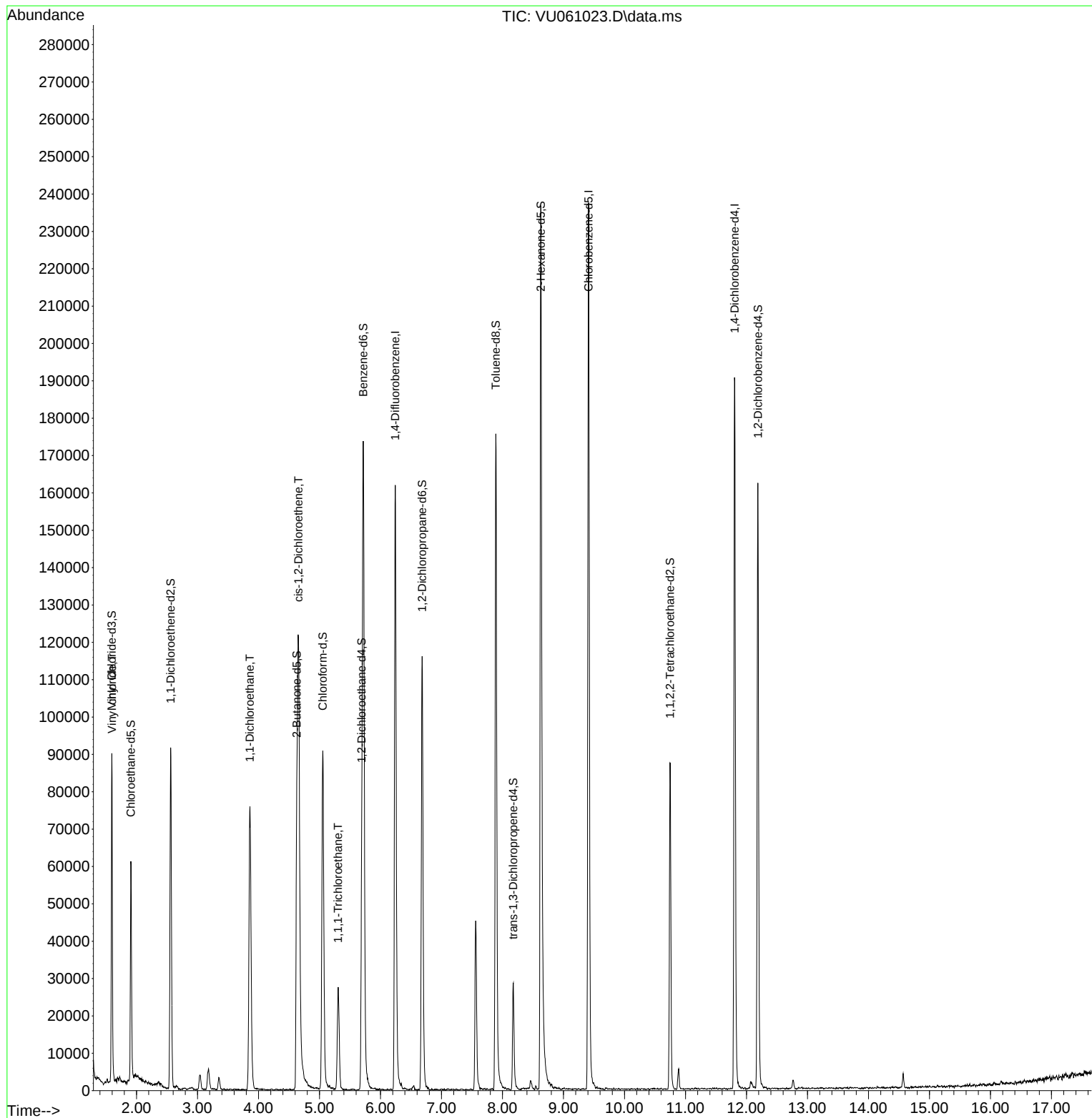
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	139026	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	145635	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	56083	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	49511	3.959	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.200%
7) Chloroethane-d5	1.907	69	44832	5.036	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	2.560	65	17831	4.023	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.400%
20) 2-Butanone-d5	4.628	46	112714	56.149	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.300%
24) Chloroform-d	5.052	84	90027	4.710	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.692	65	45915	5.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.718	84	167849	4.300	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.682	67	59110	4.894	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.891	98	128952	3.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.400%
43) trans-1,3-Dichloroprop...	8.174	79	17478	4.020	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.627	63	84888	49.501	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.000%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	49610	5.243	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	44473	4.719	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
5) Vinyl chloride	1.599	62	16297	1.358	ug/L	94
19) 1,1-Dichloroethane	3.859	63	90152	4.955	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	50430	5.028	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	20222	1.286	ug/L	98

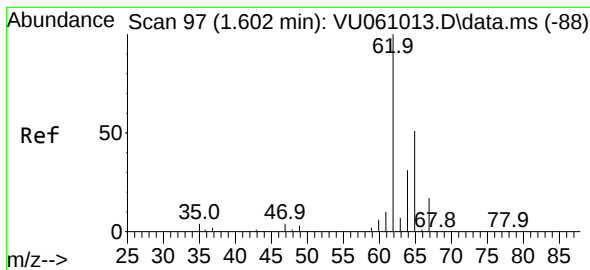
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.358 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.003 min

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Instrument :

MSVOA_U

ClientSampleId :

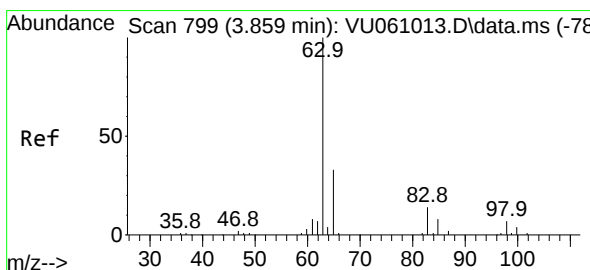
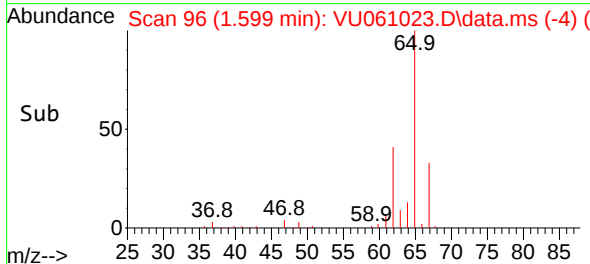
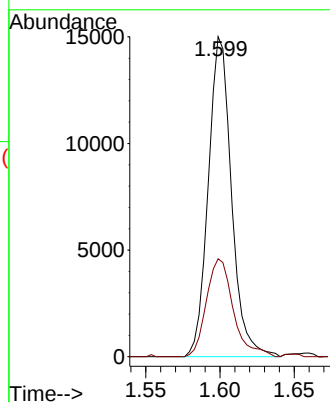
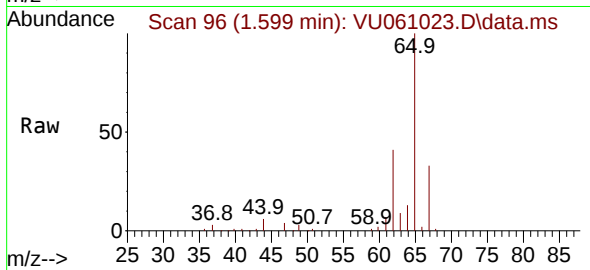
EY069DL

Tgt Ion: 62 Resp: 16297

Ion Ratio Lower Upper

62 100

64 30.6 24.0 44.6



#19

1,1-Dichloroethane

Concen: 4.955 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.000 min

Lab File: VU061023.D

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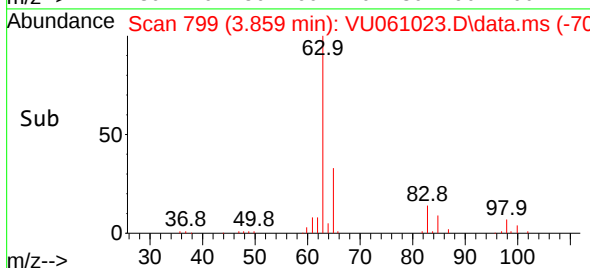
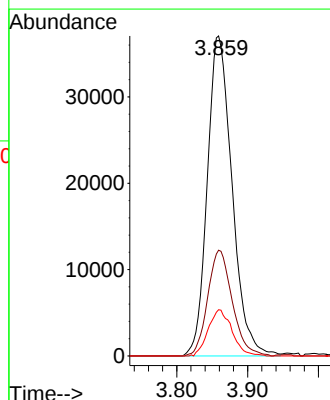
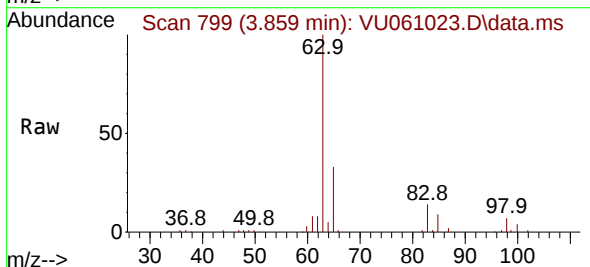
Tgt Ion: 63 Resp: 90152

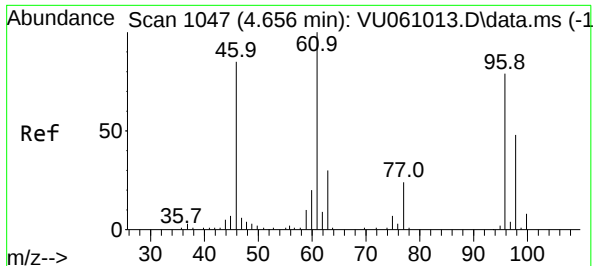
Ion Ratio Lower Upper

63 100

65 33.9 23.0 42.8

83 14.5 9.0 16.6

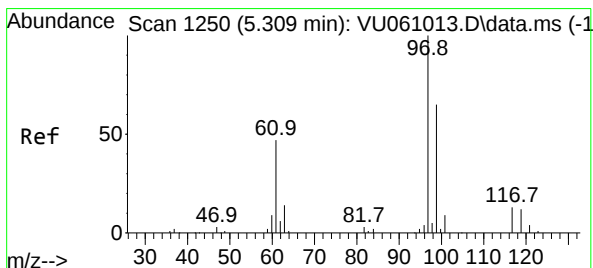
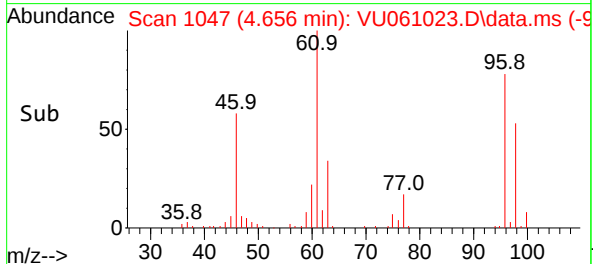
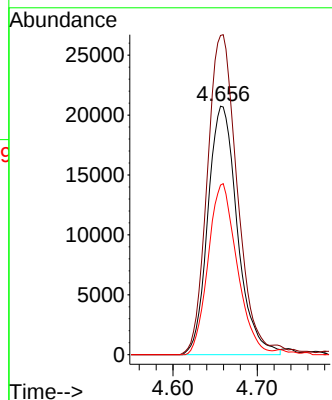
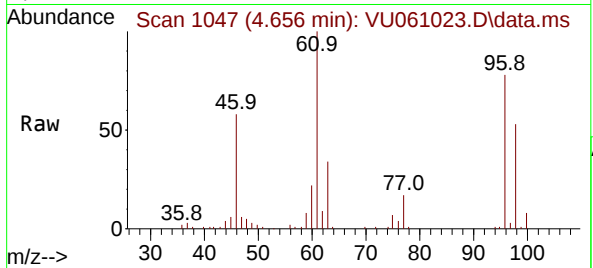




#22
 cis-1,2-Dichloroethene
 Concen: 5.028 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU061023.D
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Instrument :
 MSVOA_U
 ClientSampleId :
 EY069DL

Tgt Ion: 96 Resp: 50430
 Ion Ratio Lower Upper
 96 100
 61 128.4 89.7 166.5
 98 68.2 45.1 83.9



#29
 1,1,1-Trichloroethane
 Concen: 1.286 ug/L
 RT: 5.306 min Scan# 1249
 Delta R.T. -0.003 min
 Lab File: VU061023.D
 Acq: 26 Sep 2024 16:17

Tgt Ion: 97 Resp: 20222
 Ion Ratio Lower Upper
 97 100
 99 64.3 50.5 75.7
 61 44.9 34.4 51.6

