

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013024\
 Data File : VU057751.D
 Acq On : 30 Jan 2024 18:11
 Operator : MD/SY
 Sample : P1239-10DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0FB4DL

Quant Time: Jan 30 22:39:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 30 22:31:02 2024
 Response via : Initial Calibration

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

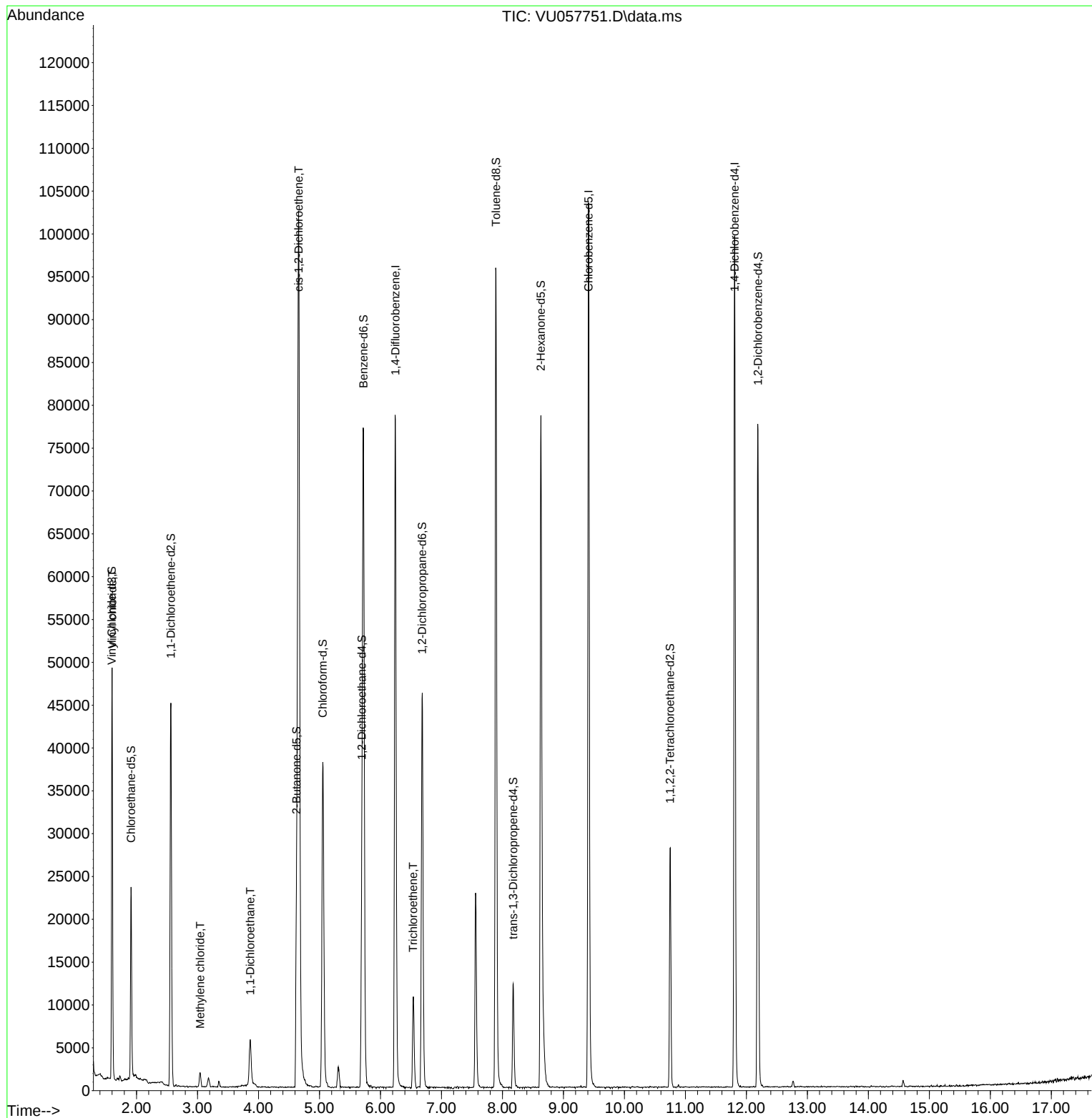
Internal Standards							
1) 1,4-Difluorobenzene		6.245	114	64144	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.412	117	57946	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.807	152	25820	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.596	65	18086	5.118	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.400%	
7) Chloroethane-d5		1.911	69	16333	5.515	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.400%	
11) 1,1-Dichloroethene-d2		2.563	65	8466	5.094	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.800%	
20) 2-Butanone-d5		4.624	46	35621	53.428	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.860%	
24) Chloroform-d		5.055	84	35531	4.953	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%	
26) 1,2-Dichloroethane-d4		5.695	65	18393	5.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.800%	
32) Benzene-d6		5.721	84	72862	5.361	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.200%	
36) 1,2-Dichloropropane-d6		6.682	67	22290	5.437	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.800%	
41) Toluene-d8		7.894	98	66078	5.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%	
43) trans-1,3-Dichloroprop...		8.177	79	7744	4.739	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%	
46) 2-Hexanone-d5		8.631	63	27469	52.691	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.380%	
56) 1,1,2,2-Tetrachloroeth...		10.749	84	14208	5.170	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%	
66) 1,2-Dichlorobenzene-d4		12.190	152	20266	5.593	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.800%	
Target Compounds							
						Qvalue	
5) Vinyl chloride		1.602	62	17334	2.995	ug/L	96
16) Methylene chloride		3.042	84	900	0.180	ug/L	98
19) 1,1-Dichloroethane		3.866	63	6661	0.735	ug/L	96
22) cis-1,2-Dichloroethene		4.660	96	51151	9.690	ug/L	97
34) Trichloroethene		6.537	95	4026	0.735	ug/L	95

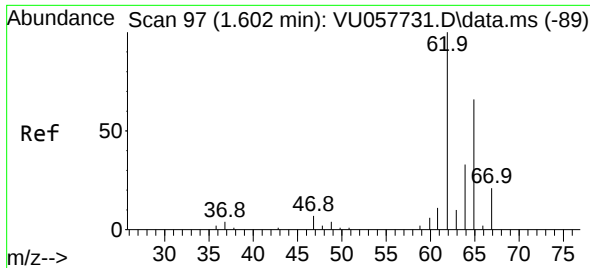
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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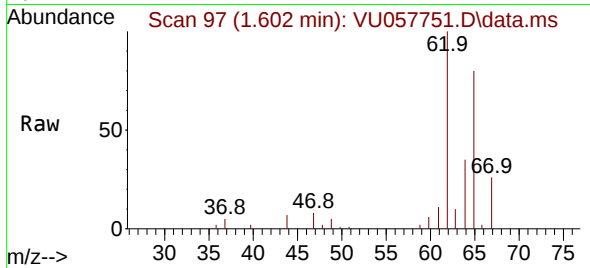
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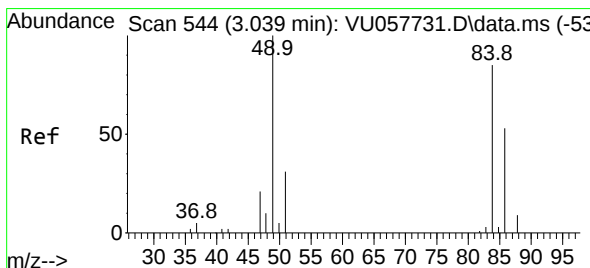
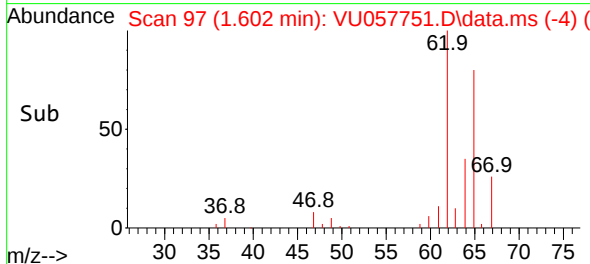
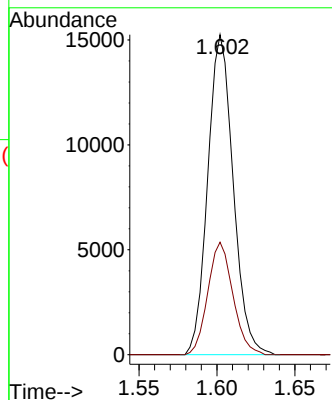


#5
 Vinyl chloride
 Concen: 2.995 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU057751.D
 Acq: 30 Jan 2024 18:11

Instrument :
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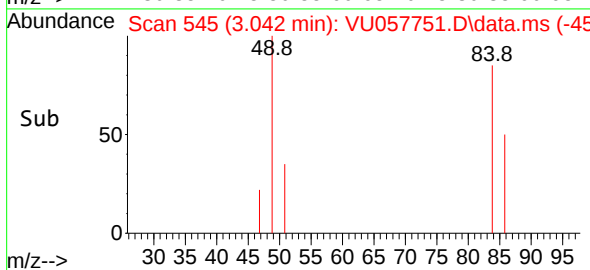
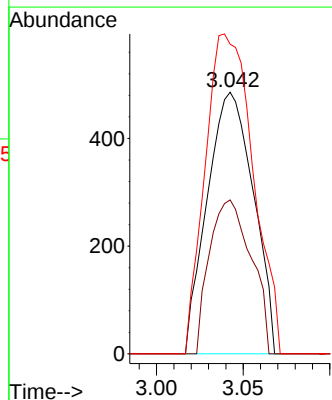
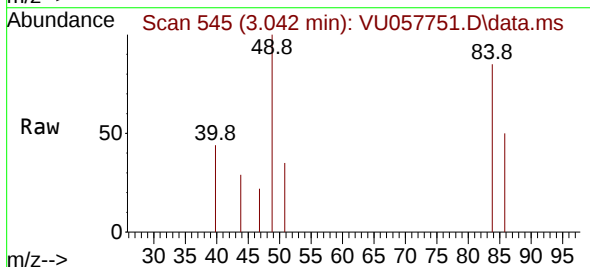


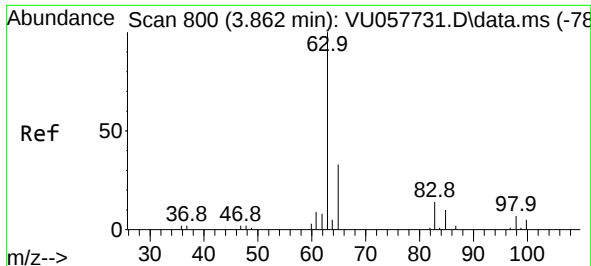
Tgt Ion: 62 Resp: 17334
 Ion Ratio Lower Upper
 62 100
 64 35.1 22.8 42.4



#16
 Methylene chloride
 Concen: 0.180 ug/L
 RT: 3.042 min Scan# 545
 Delta R.T. 0.003 min
 Lab File: VU057751.D
 Acq: 30 Jan 2024 18:11

Tgt Ion: 84 Resp: 900
 Ion Ratio Lower Upper
 84 100
 86 58.8 43.5 80.9
 49 118.3 82.5 153.1





#19

1,1-Dichloroethane

Concen: 0.735 ug/L

RT: 3.866 min Scan# 800

Delta R.T. 0.003 min

Lab File: VU057751.D

Acq: 30 Jan 2024 18:11

Instrument :

MSVOA_U

ClientSampleId :

C0FB4DL

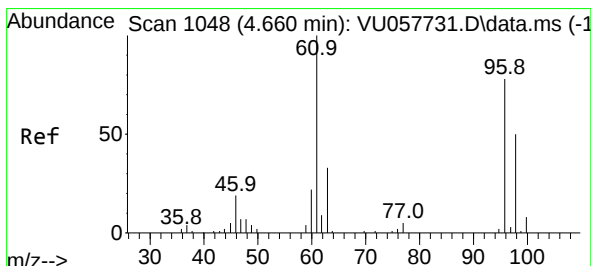
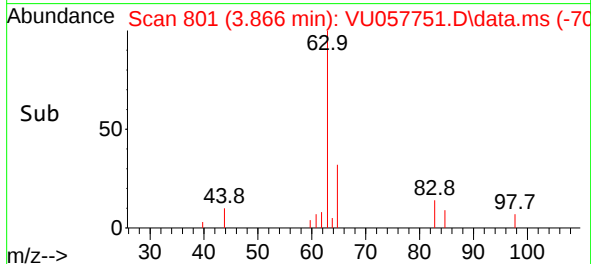
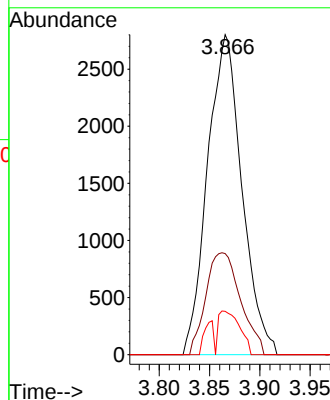
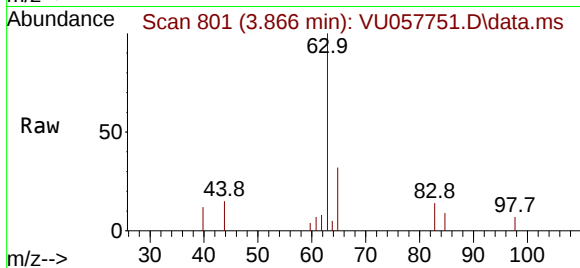
Tgt Ion: 63 Resp: 6661

Ion Ratio Lower Upper

63 100

65 30.1 23.0 42.8

83 12.9 9.7 17.9



#22

cis-1,2-Dichloroethene

Concen: 9.690 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.000 min

Lab File: VU057751.D

Acq: 30 Jan 2024 18:11

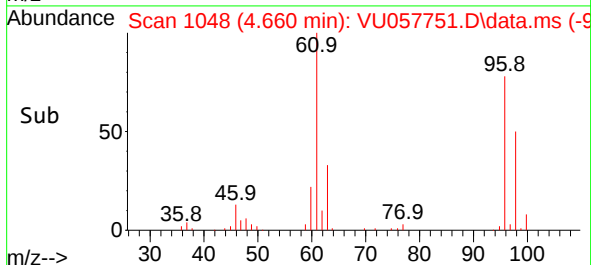
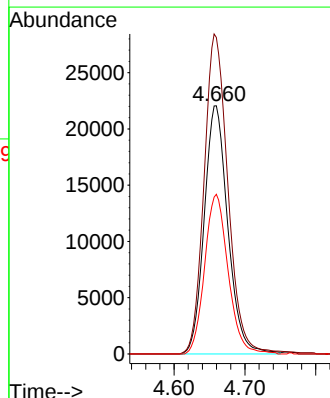
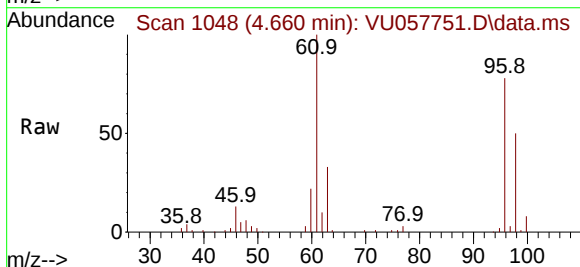
Tgt Ion: 96 Resp: 51151

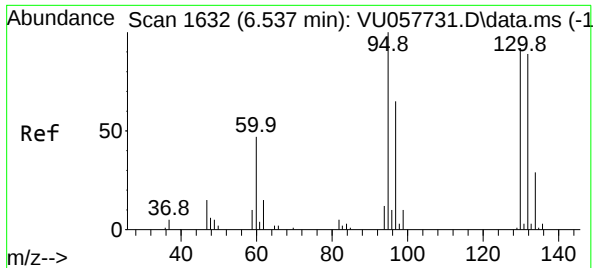
Ion Ratio Lower Upper

96 100

61 127.5 92.7 172.1

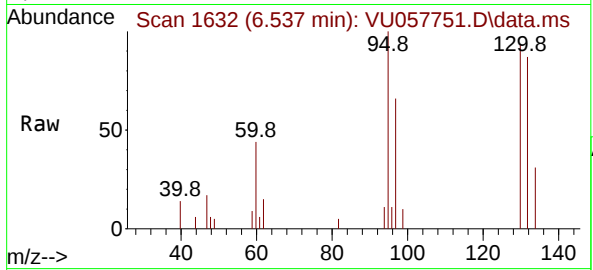
98 64.3 44.9 83.5





#34
 Trichloroethene
 Concen: 0.735 ug/L
 RT: 6.537 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VU057751.D
 Acq: 30 Jan 2024 18:11

Instrument :
 MSVOA_U
 ClientSampleId :
 C0FB4DL



Tgt Ion:	95	Resp:	4026
Ion	Ratio	Lower	Upper
95	100		
97	65.7	46.1	85.5
132	86.8	66.1	122.8
130	93.0	68.7	127.5

