

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041024\
 Data File : VU058576.D
 Acq On : 10 Apr 2024 22:25
 Operator : MD/SY
 Sample : P2014-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E0MC9

Quant Time: Apr 11 03:00:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 11 02:34:51 2024
 Response via : Initial Calibration

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

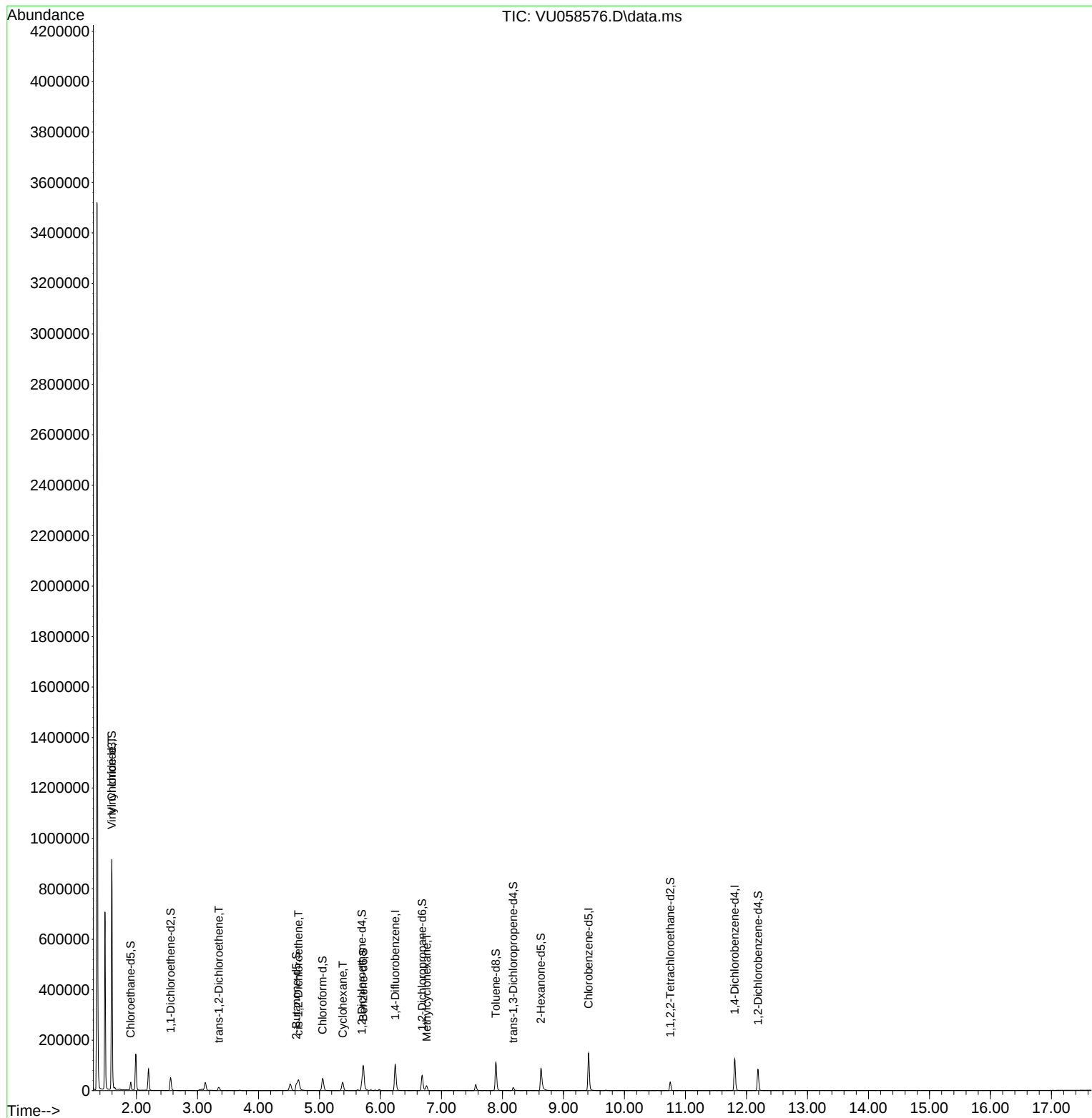
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	80765	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	77817	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	33469	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	24355	4.555	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.904	69	20594	4.432	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.560	65	10592	4.376	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	4.621	46	46388	41.166	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.340%
24) Chloroform-d	5.049	84	45758	4.287	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	5.695	65	22207	4.458	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	5.718	84	92006	4.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.682	67	28988	4.412	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.891	98	75831	4.081	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	8.177	79	7542	3.698	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.000%
46) 2-Hexanone-d5	8.631	63	32326	38.429	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.860%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	18253	3.935	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	21648	3.840	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.800%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.596	62	117838	14.321	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	3163	0.527	ug/L	94
22) cis-1,2-Dichloroethene	4.657	96	17933	2.662	ug/L	96
30) Cyclohexane	5.380	56	14846	1.347	ug/L	99
35) Methylcyclohexane	6.756	83	6788	0.634	ug/L	91

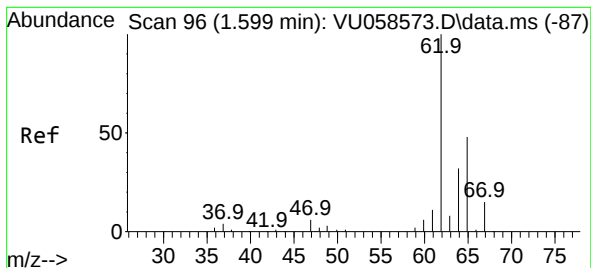
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 14.321 ug/L

RT: 1.596 min Scan# 91

Delta R.T. -0.003 min

Lab File: VU058576.D

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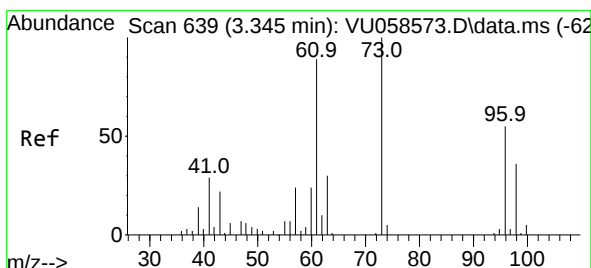
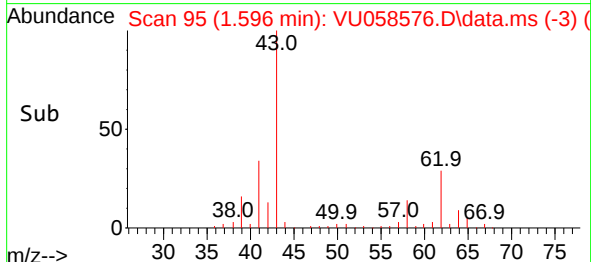
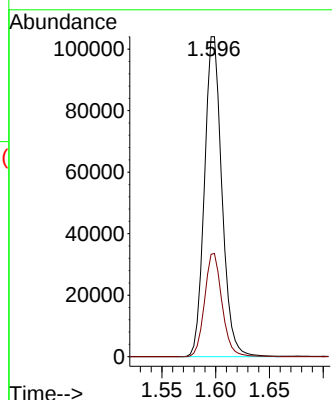
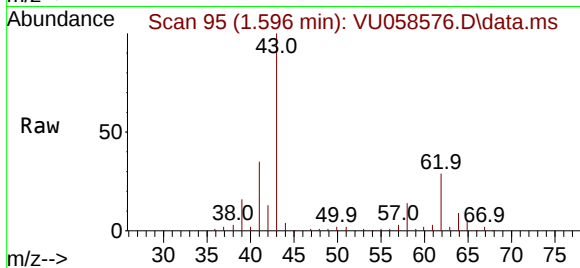
E0MC9

Tgt Ion: 62 Resp: 117838

Ion Ratio Lower Upper

62 100

64 32.0 22.6 42.0



#18

trans-1,2-Dichloroethene

Concen: 0.527 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.003 min

Lab File: VU058576.D

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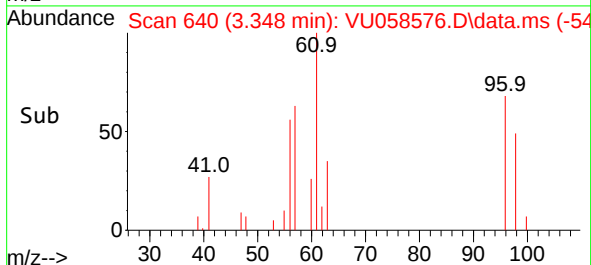
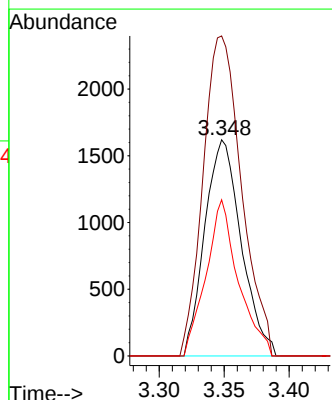
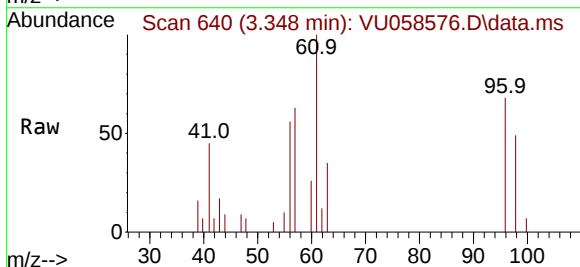
Tgt Ion: 96 Resp: 3163

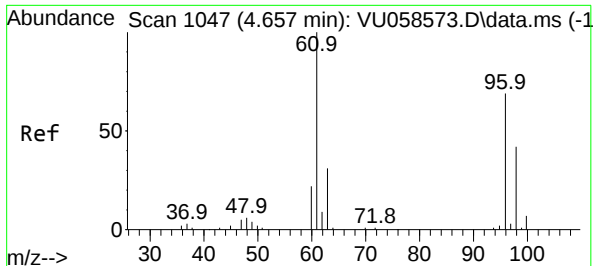
Ion Ratio Lower Upper

96 100

61 148.0 107.6 199.8

98 72.2 45.1 83.7

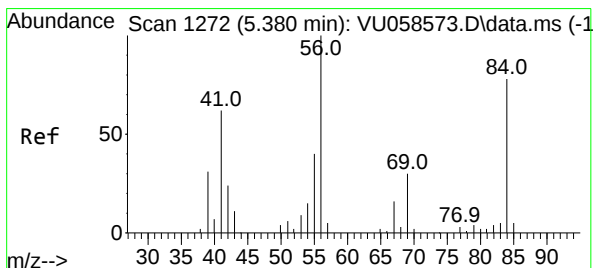
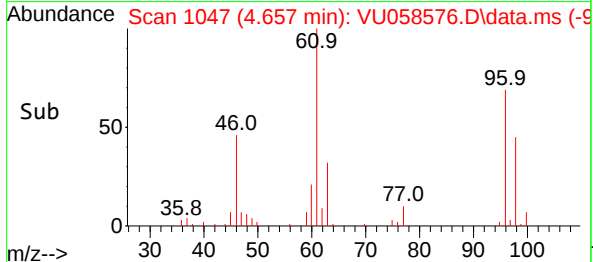
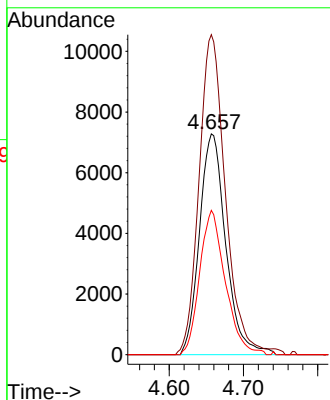
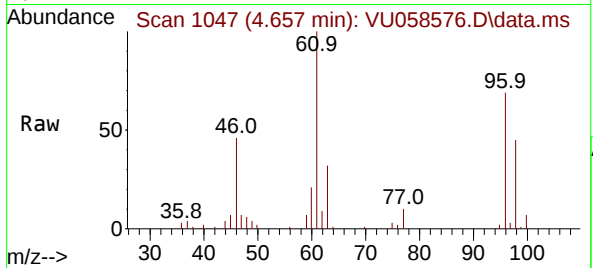




#22
 cis-1,2-Dichloroethene
 Concen: 2.662 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU058576.D
 Acq: 10 Apr 2024 22:25

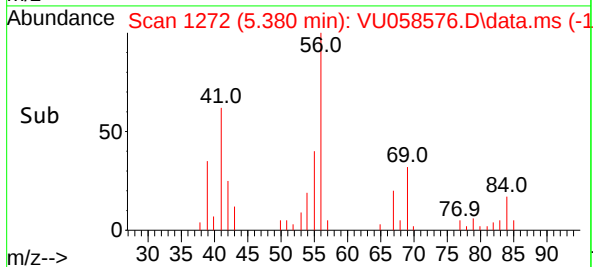
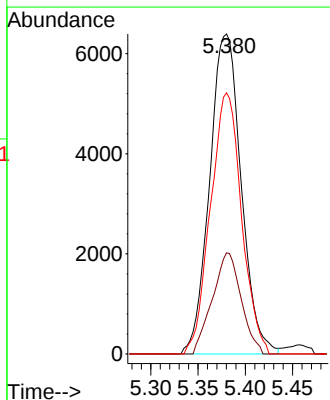
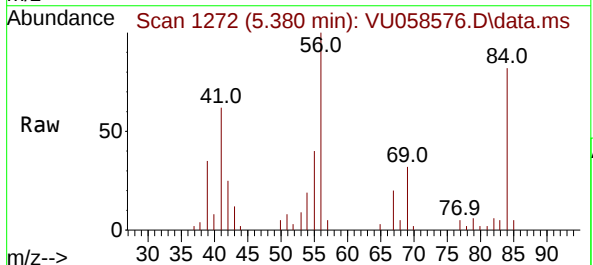
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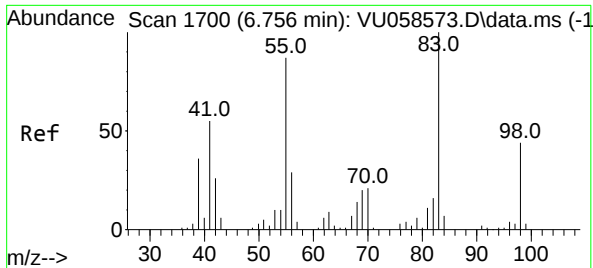
Tgt Ion:	96	Resp:	17933
Ion	Ratio	Lower	Upper
96	100		
61	144.9	98.1	182.3
98	65.4	43.6	81.0



#30
 Cyclohexane
 Concen: 1.347 ug/L
 RT: 5.380 min Scan# 1272
 Delta R.T. 0.000 min
 Lab File: VU058576.D
 Acq: 10 Apr 2024 22:25

Tgt Ion:	56	Resp:	14846
Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.2	34.8
84	80.3	63.3	94.9





#35
Methylcyclohexane
Concen: 0.634 ug/L
RT: 6.756 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU058576.D
Acq: 10 Apr 2024 22:25

Instrument :
MSVOA_U
ClientSampleId :
E0MC9

Tgt Ion: 83	Resp: 6788
Ion Ratio	Lower Upper
83 100	
55 93.1	66.2 99.4
98 40.8	34.6 52.0

