

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041024\
 Data File : VU058571.D
 Acq On : 10 Apr 2024 19:40
 Operator : MD/SY
 Sample : P2013-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EOMB7

Quant Time: Apr 11 01:34:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 11 01:28:06 2024
 Response via : Initial Calibration

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

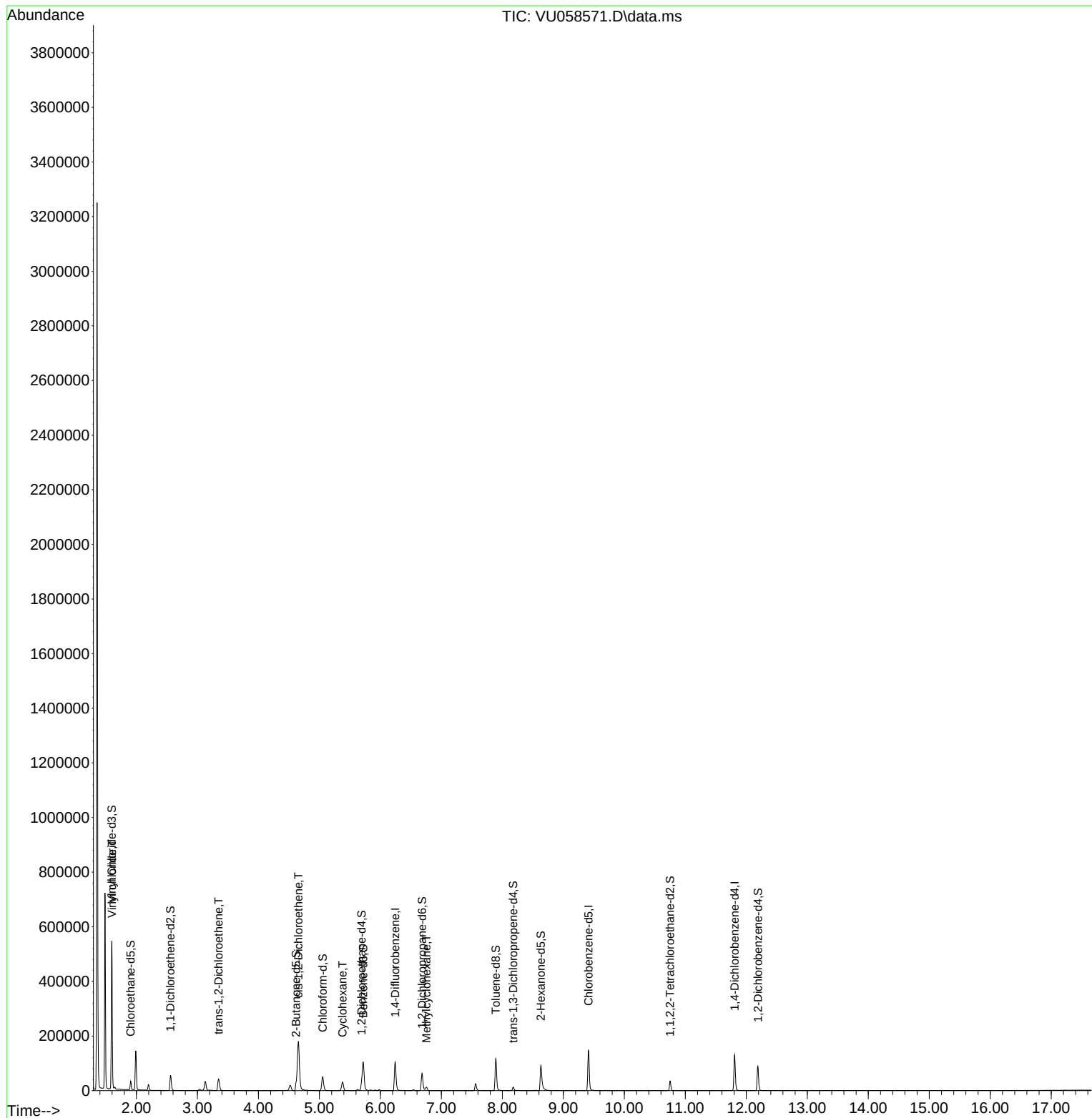
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	81045	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	78686	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	33598	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23963	4.466	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.904	69	21136	4.533	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.557	65	10537	4.339	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	4.618	46	45595	40.322	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.640%
24) Chloroform-d	5.052	84	47097	4.397	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.692	65	22628	4.527	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.718	84	95858	4.525	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.682	67	29525	4.444	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.891	98	77486	4.125	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	8.177	79	8247	3.999	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.631	63	32045	37.675	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.340%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	17844	3.805	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	23317	4.121	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	43720	5.295	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	14793	2.457	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	86324	12.770	ug/L	96
30) Cyclohexane	5.377	56	14783	1.327	ug/L	99
35) Methylcyclohexane	6.753	83	4882	0.451	ug/L	94

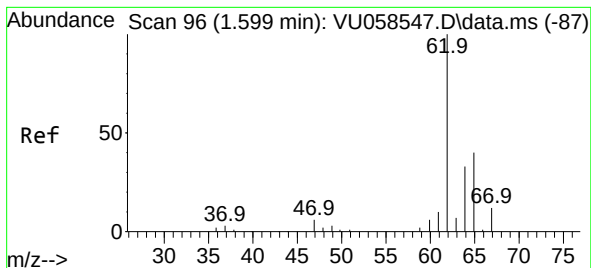
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 5.295 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU058571.D

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Instrument :

MSVOA_U

ClientSampleId :

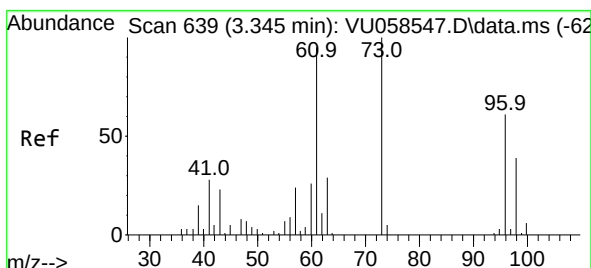
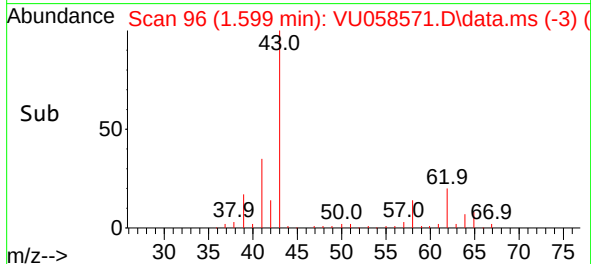
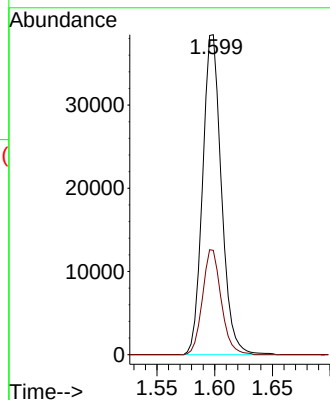
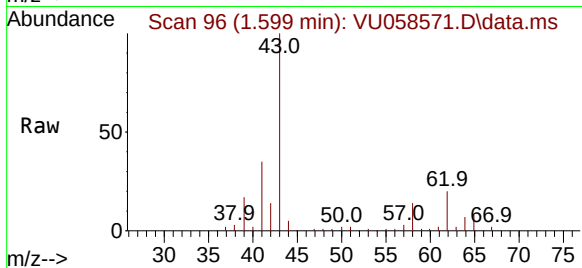
EOMB7

Tgt Ion: 62 Resp: 43720

Ion Ratio Lower Upper

62 100

64 32.6 22.6 42.0



#18

trans-1,2-Dichloroethene

Concen: 2.457 ug/L

RT: 3.345 min Scan# 639

Delta R.T. 0.000 min

Lab File: VU058571.D

Acq: 10 Apr 2024 19:40

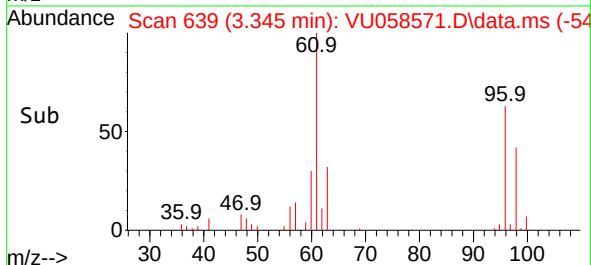
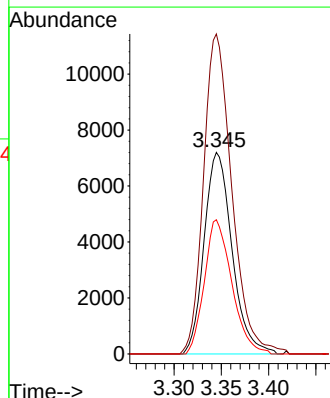
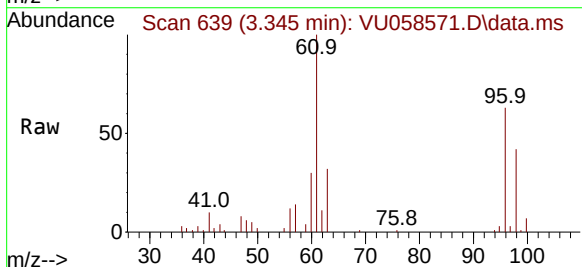
Tgt Ion: 96 Resp: 14793

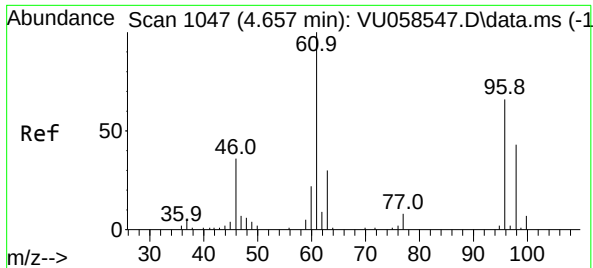
Ion Ratio Lower Upper

96 100

61 158.7 107.6 199.8

98 66.6 45.1 83.7

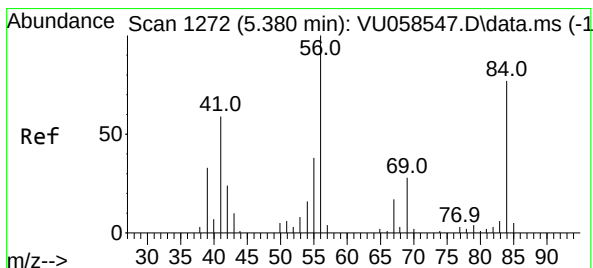
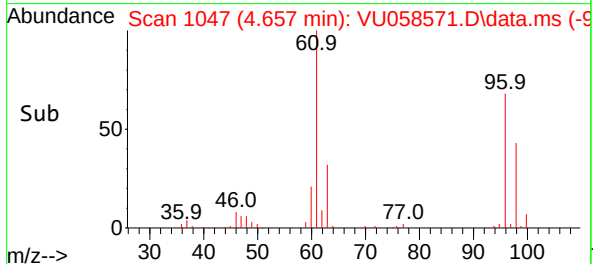
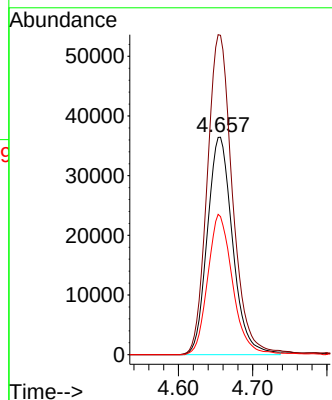
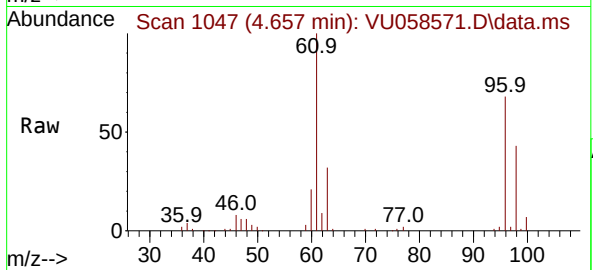




#22
 cis-1,2-Dichloroethene
 Concen: 12.770 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU058571.D
 Acq: 10 Apr 2024 19:40

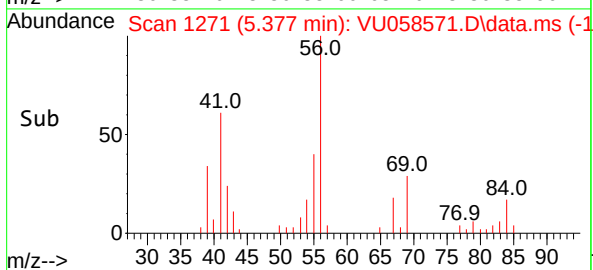
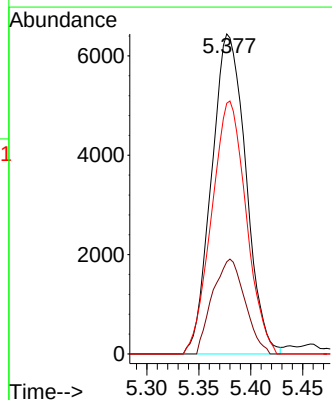
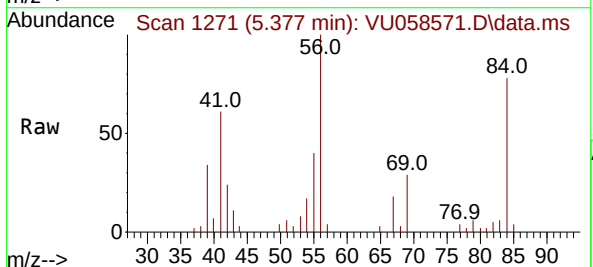
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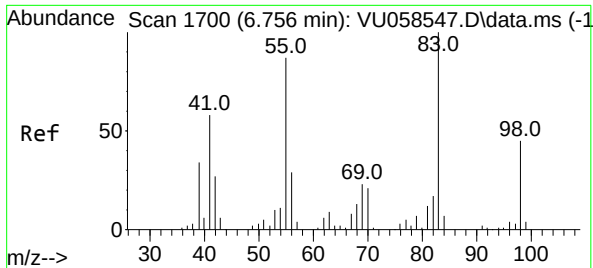
Tgt Ion: 96 Resp: 86324
 Ion Ratio Lower Upper
 96 100
 61 146.9 98.1 182.3
 98 63.5 43.6 81.0



#30
 Cyclohexane
 Concen: 1.327 ug/L
 RT: 5.377 min Scan# 1271
 Delta R.T. -0.003 min
 Lab File: VU058571.D
 Acq: 10 Apr 2024 19:40

Tgt Ion: 56 Resp: 14783
 Ion Ratio Lower Upper
 56 100
 69 28.0 23.2 34.8
 84 79.5 63.3 94.9





#35
 Methylcyclohexane
 Concen: 0.451 ug/L
 RT: 6.753 min Scan# 1
 Delta R.T. -0.003 min
 Lab File: VU058571.D
 Acq: 10 Apr 2024 19:40

Instrument :
 MSVOA_U
 ClientSampleId :
 E0MB7

Tgt Ion: 83	Resp:	4882	
Ion	Ratio	Lower	Upper
83	100		
55	86.3	66.2	99.4
98	37.4	34.6	52.0

