

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056872.D
 Acq On : 15 Dec 2023 12:20
 Operator : MD/SY
 Sample : 05664-13DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E0Y71DL

Quant Time: Dec 15 22:25:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

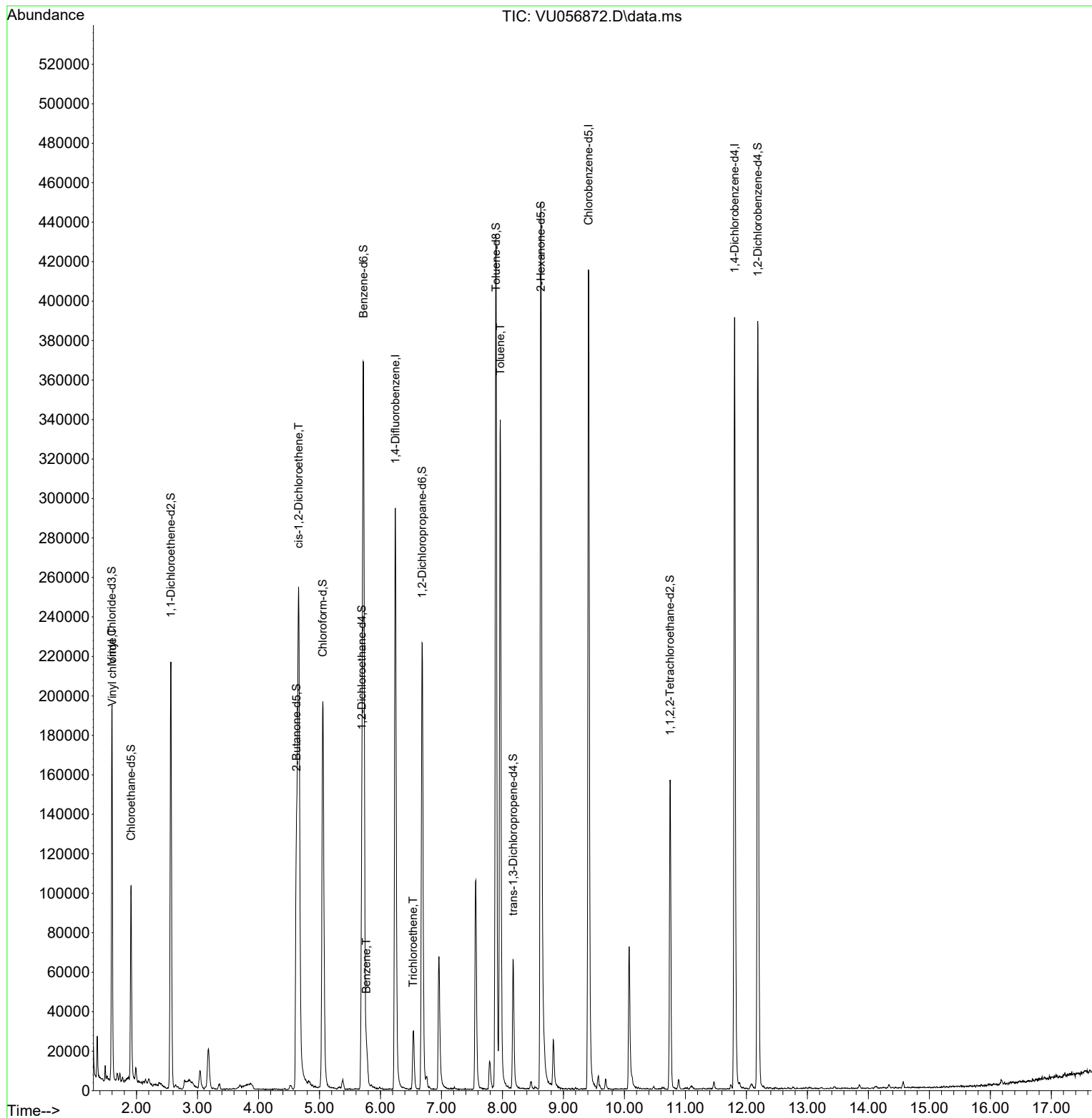
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	243414	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	241152	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	103641	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	92492	4.433	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.911	69	72558	4.647	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.563	65	40207	4.504	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.000%
20) 2-Butanone-d5	4.624	46	202124	49.054	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.100%
24) Chloroform-d	5.055	84	188883	4.781	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.695	65	90249	4.827	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.721	84	363657	4.862	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.682	67	115383	4.928	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.894	98	299541	4.481	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.177	79	41245	4.543	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.631	63	156665	45.751	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.500%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	79524	4.695	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	102073	5.010	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	43768	1.757	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	116275	5.334	ug/L	98
33) Benzene	5.769	78	18541	0.219	ug/L	100
34) Trichloroethene	6.537	95	10698	0.460	ug/L	97
42) Toluene	7.965	91	254044	2.897	ug/L	99

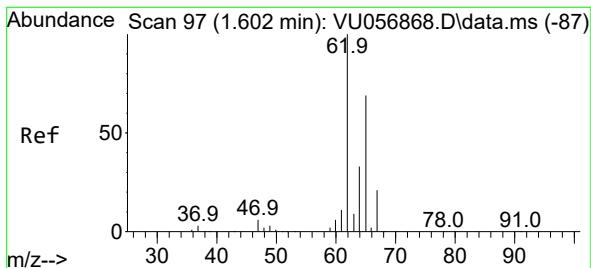
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.757 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU056872.D

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Instrument :

MSVOA_U

ClientSampleId :

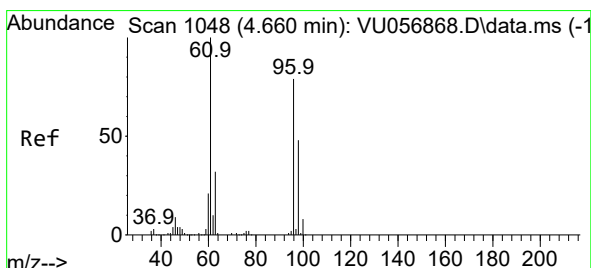
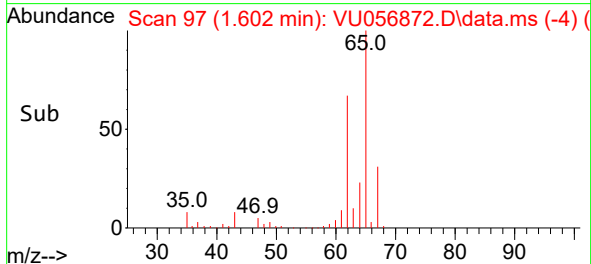
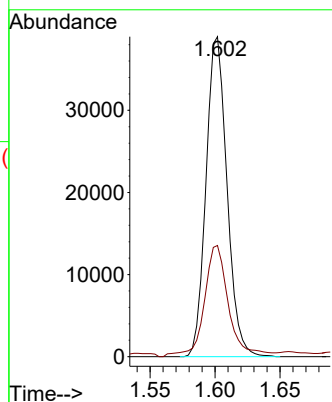
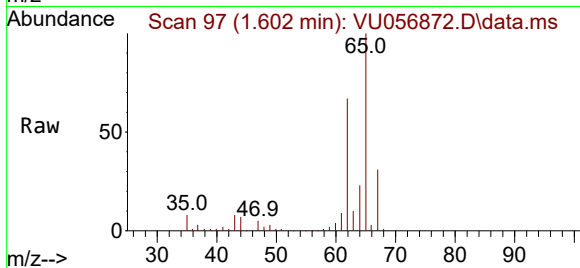
E0Y71DL

Tgt Ion: 62 Resp: 43768

Ion Ratio Lower Upper

62 100

64 34.7 22.8 42.4



#22

cis-1,2-Dichloroethene

Concen: 5.334 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.000 min

Lab File: VU056872.D

Acq: 15 Dec 2023 12:20

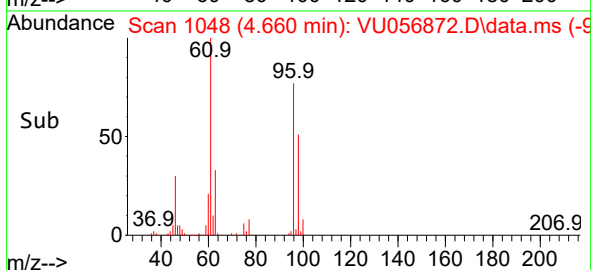
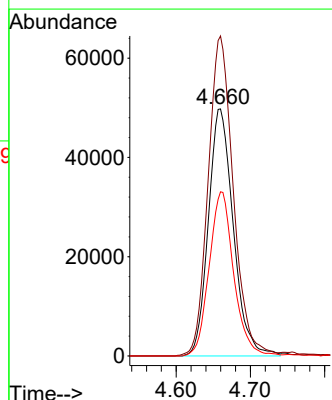
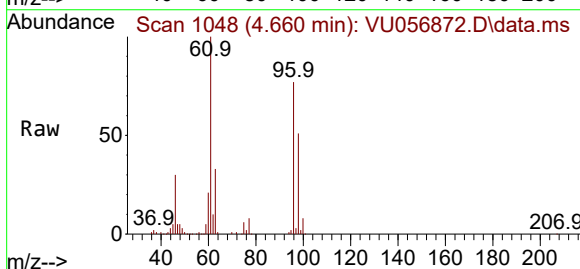
Tgt Ion: 96 Resp: 116275

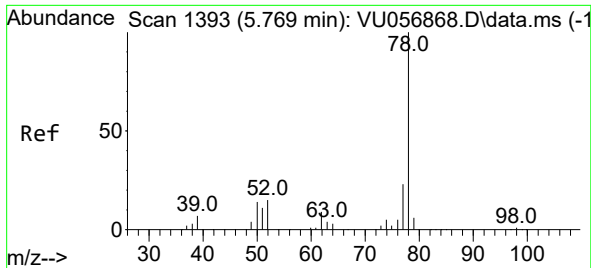
Ion Ratio Lower Upper

96 100

61 129.5 91.3 169.6

98 66.5 44.2 82.0

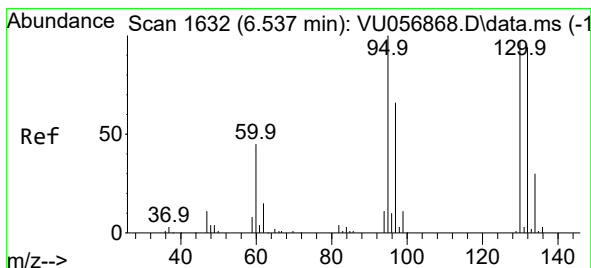
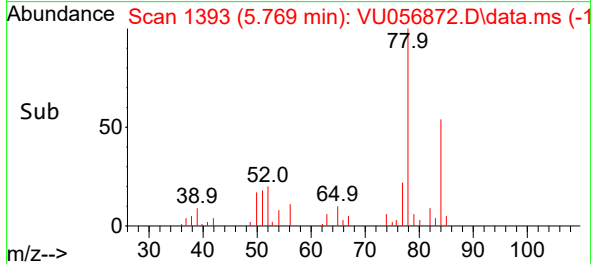
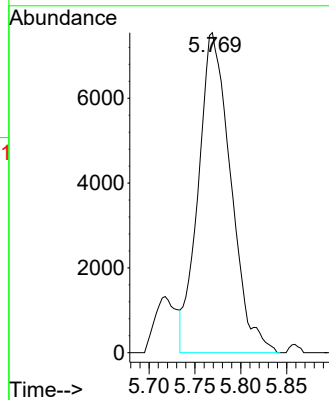
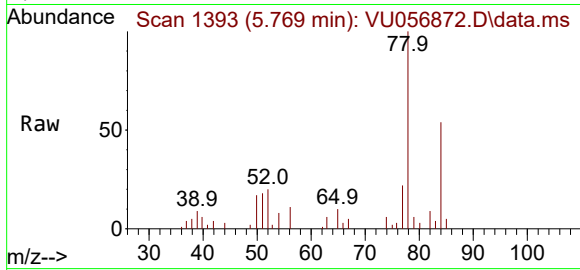




#33
Benzene
Concen: 0.219 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU056872.D
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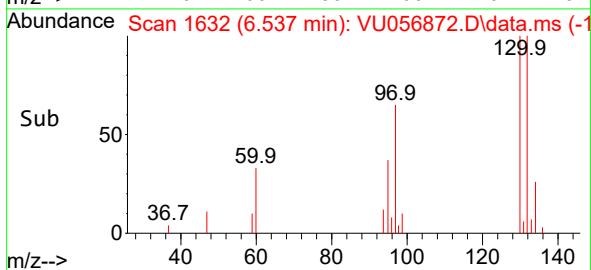
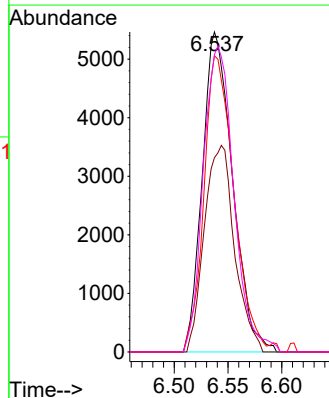
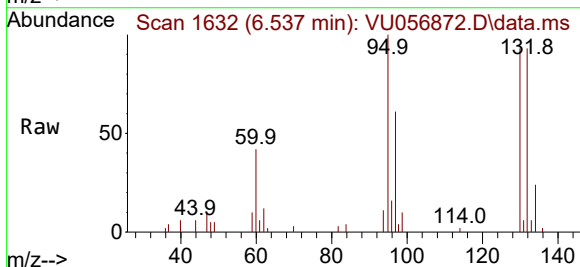
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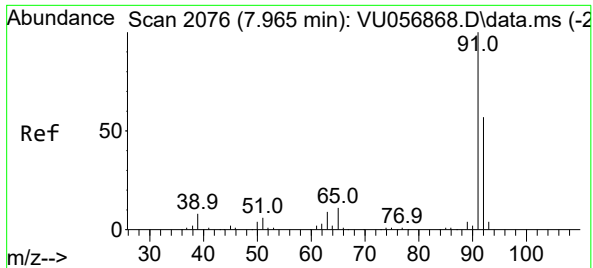
Tgt Ion: 78 Resp: 18541



#34
Trichloroethene
Concen: 0.460 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU056872.D
Acq: 15 Dec 2023 12:20

Tgt Ion: 95 Resp: 10698
Ion Ratio Lower Upper
95 100
97 60.7 46.1 85.5
132 92.6 63.6 118.0
130 93.0 66.4 123.4





#42
Toluene
Concen: 2.897 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. -0.000 min
Lab File: VU056872.D
Acq: 15 Dec 2023 12:20

Instrument :
MSVOA_U
ClientSampleId :
E0Y71DL

Tgt Ion: 91 Resp: 254044
Ion Ratio Lower Upper
91 100
92 58.7 40.4 75.0

