

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
 Data File : VU057085.D
 Acq On : 20 Dec 2023 12:27
 Operator : MD/SY
 Sample : 05771-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E0YAO

Quant Time: Dec 20 23:43:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 23:41:59 2023
 Response via : Initial Calibration

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

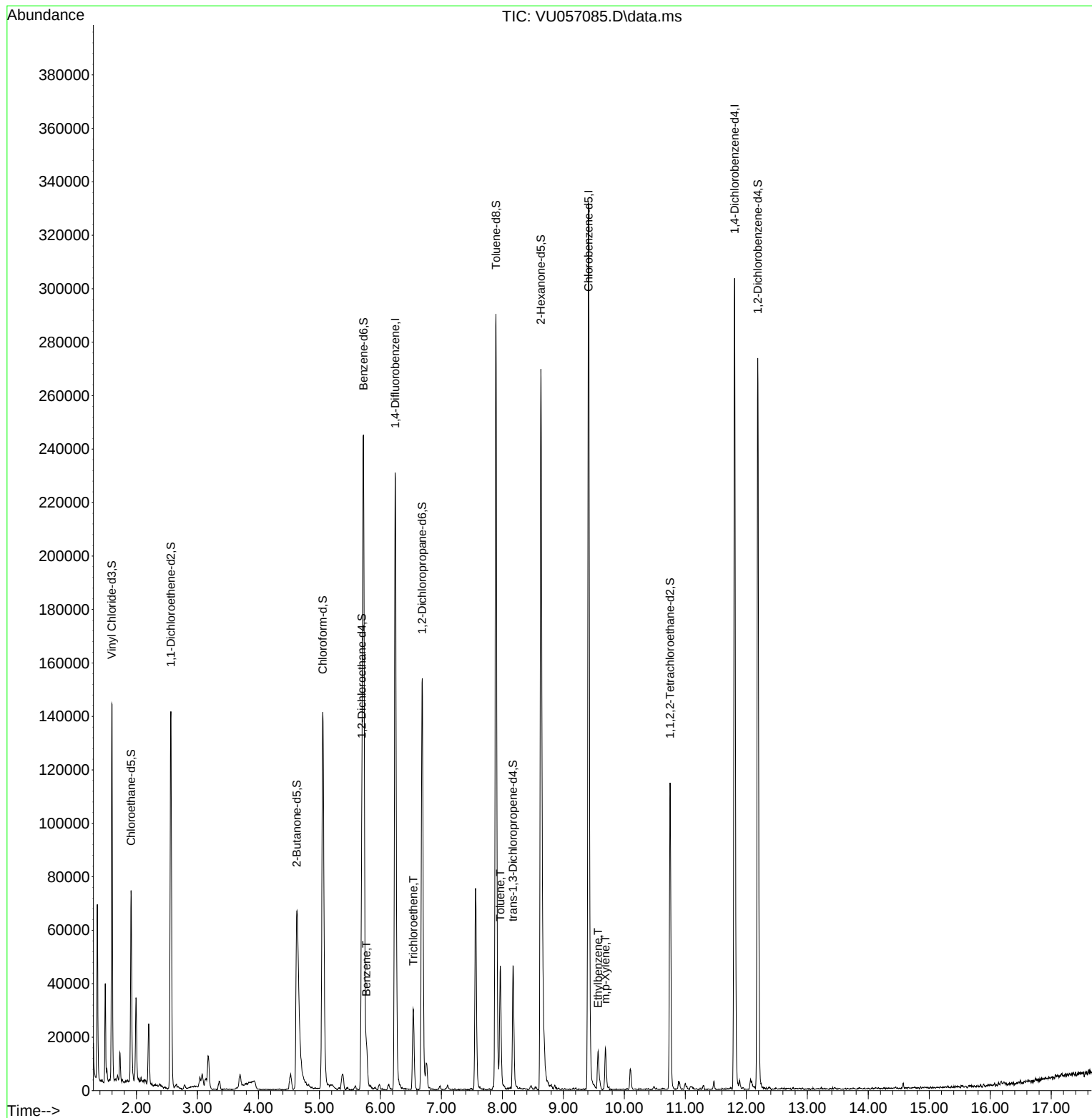
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	187273	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	191706	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	81866	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	61496	3.831	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.911	69	54887	4.569	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.563	65	26714	3.890	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	4.628	46	130235	41.082	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.160%
24) Chloroform-d	5.052	84	137084	4.510	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.695	65	67407	4.686	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.721	84	239077	4.021	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	6.685	67	72862	3.915	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.200%
41) Toluene-d8	7.894	98	199121	3.747	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.000%
43) trans-1,3-Dichloroprop...	8.174	79	28940	4.010	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.631	63	93697	34.420	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.840%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	55908	4.152	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	70552	4.384	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.600%
Target Compounds						
					Qvalue	
33) Benzene	5.769	78	14582	0.216	ug/L	100
34) Trichloroethene	6.541	95	10508	0.569	ug/L	97
42) Toluene	7.965	91	34177	0.490	ug/L	94
52) Ethylbenzene	9.566	91	10861	0.141	ug/L	99
53) m,p-Xylene	9.689	106	3959	0.138	ug/L	99

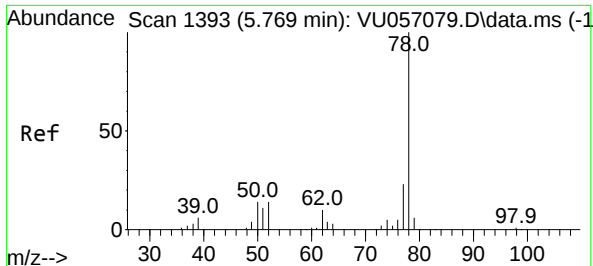
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 20 23:41:59 2023
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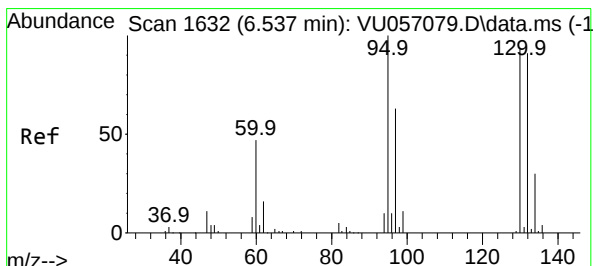
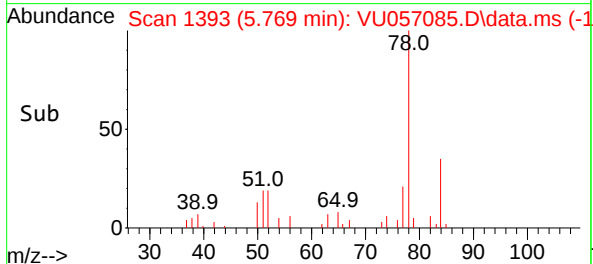
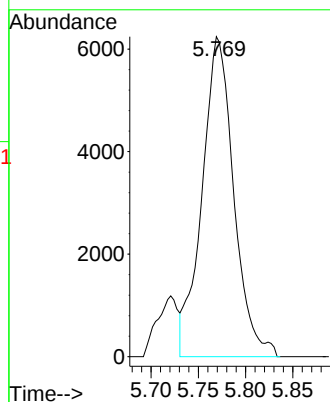
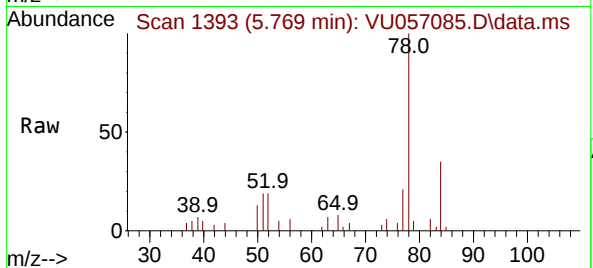




#33
Benzene
Concen: 0.216 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU057085.D
Acq: 20 Dec 2023 12:27

Instrument :
MSVOA_U
ClientSampleId :
E0YAO

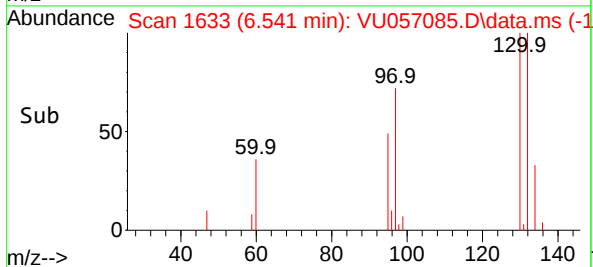
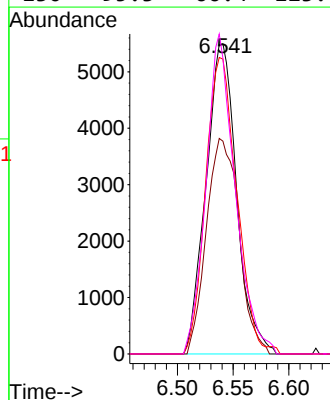
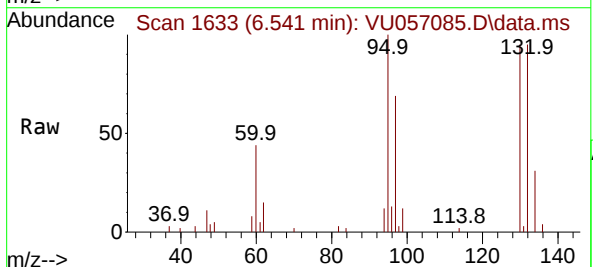
Tgt Ion: 78 Resp: 14582

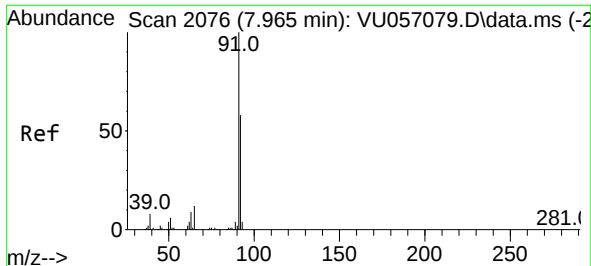


#34
Trichloroethene
Concen: 0.569 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU057085.D
Acq: 20 Dec 2023 12:27

Tgt Ion: 95 Resp: 10508

Ion	Ratio	Lower	Upper
95	100		
97	68.6	46.1	85.5
132	95.1	63.6	118.0
130	95.3	66.4	123.4





#42

Toluene

Concen: 0.490 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU057085.D

Acq: 20 Dec 2023 12:27

Instrument :

MSVOA_U

ClientSampleId :

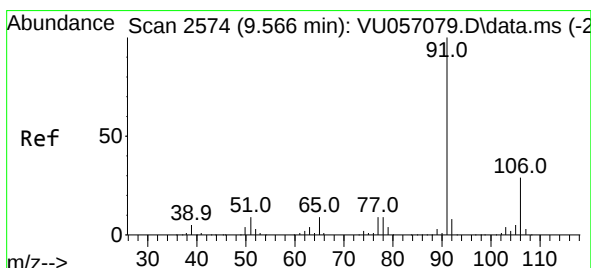
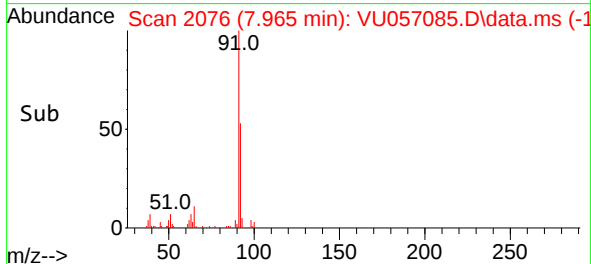
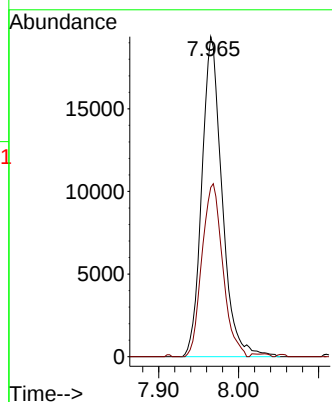
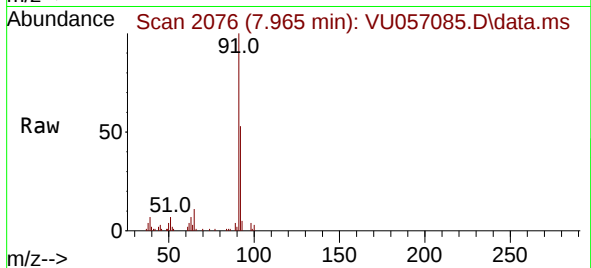
E0YAO

Tgt Ion: 91 Resp: 34177

Ion Ratio Lower Upper

91 100

92 52.9 40.4 75.0



#52

Ethylbenzene

Concen: 0.141 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. 0.000 min

Lab File: VU057085.D

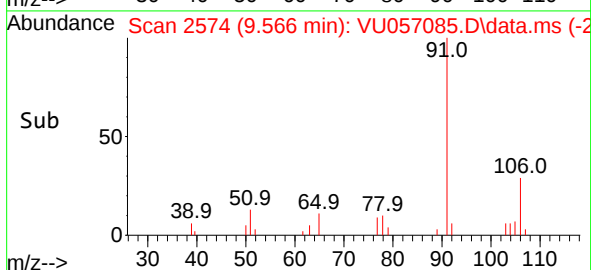
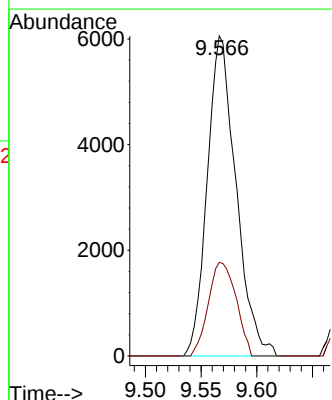
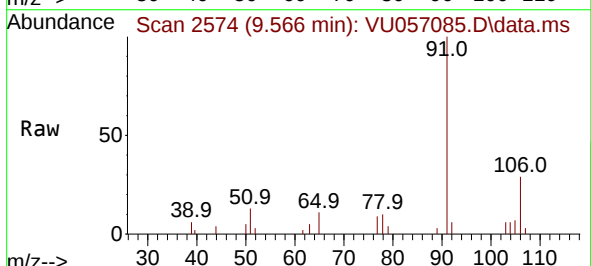
Acq: 20 Dec 2023 12:27

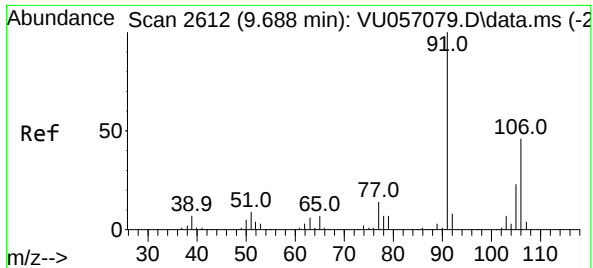
Tgt Ion: 91 Resp: 10861

Ion Ratio Lower Upper

91 100

106 29.2 20.6 38.4





#53
 m,p-Xylene
 Concen: 0.138 ug/L
 RT: 9.689 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU057085.D
 Acq: 20 Dec 2023 12:27

Instrument :
 MSVOA_U
 ClientSampleId :
 E0YA0

Tgt Ion:106 Resp: 3959
 Ion Ratio Lower Upper
 106 100
 91 221.4 154.0 286.0

