

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
 Data File : VU051152.D
 Acq On : 06 Oct 2022 01:52
 Operator : JC/MD
 Sample : N4890-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY0E4

Quant Time: Oct 06 06:33:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 06 06:20:30 2022
 Response via : Initial Calibration

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

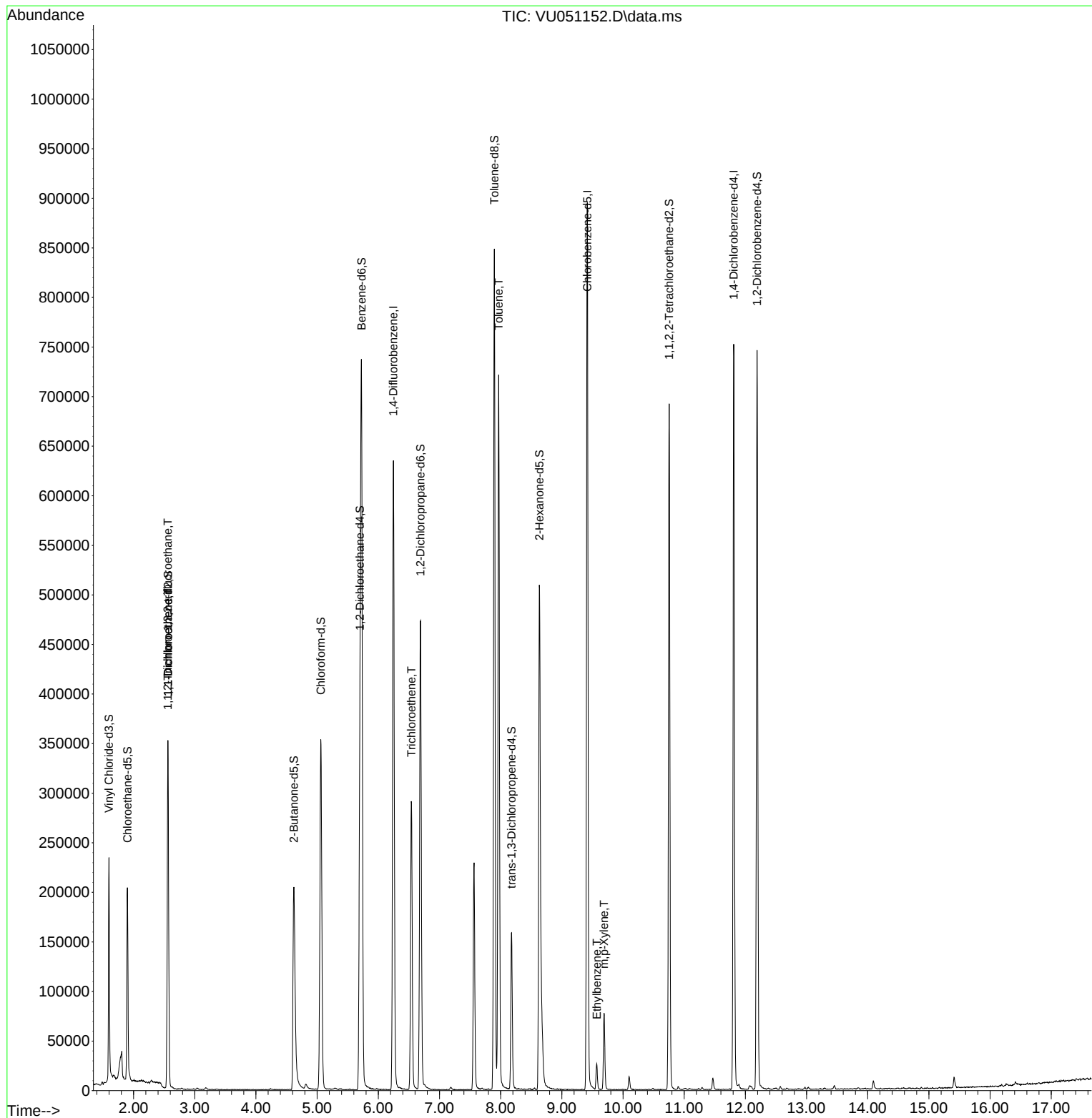
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	525444	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	503341	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	196237	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	152372	28.614	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	57.220%#	
7) Chloroethane-d5	1.899	69	148956	30.113	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	60.220%#	
11) 1,1-Dichloroethene-d2	2.562	63	207224	26.344	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	52.680%#	
21) 2-Butanone-d5	4.620	46	299532	86.726	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	86.730%	
24) Chloroform-d	5.060	84	334249	38.960	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	77.920%	
26) 1,2-Dichloroethane-d4	5.700	65	219884	41.407	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	82.820%	
32) Benzene-d6	5.726	84	690559	46.850	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.700%	
36) 1,2-Dichloropropane-d6	6.690	67	234129	48.951	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	97.900%	
41) Toluene-d8	7.896	98	573942	42.145	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	84.280%	
43) trans-1,3-Dichloroprop...	8.176	79	89766	39.349	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	78.700%	
47) 2-Hexanone-d5	8.632	63	152661	79.047	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	79.050%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	353666	42.309	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	84.620%	
66) 1,2-Dichlorobenzene-d4	12.192	152	199020	47.474	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	94.940%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	2142	0.534	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	1828	0.488	ug/L #	1
34) Trichloroethene	6.539	95	103751	26.104	ug/L	98
42) Toluene	7.967	91	542472	33.235	ug/L	99
52) Ethylbenzene	9.571	91	18089	1.039	ug/L	99
53) m,p-Xylene	9.690	106	20709	3.163	ug/L	88

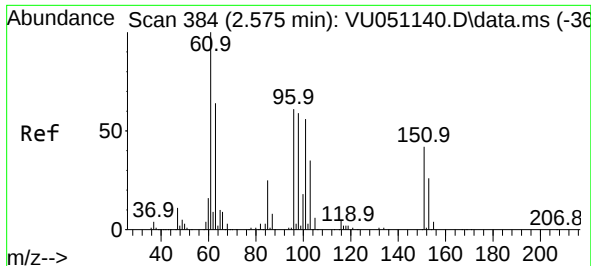
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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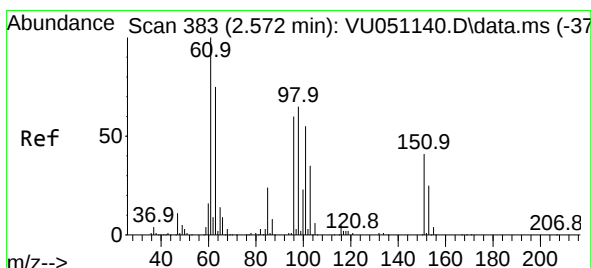
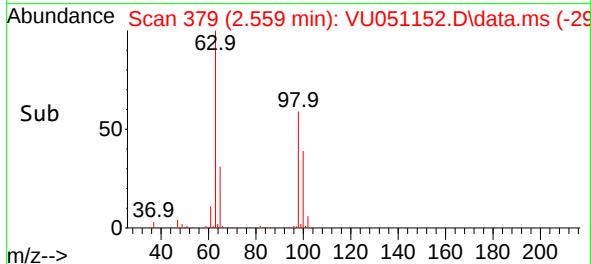
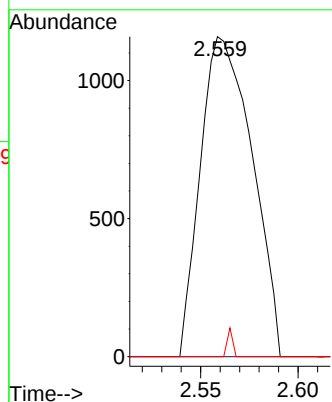
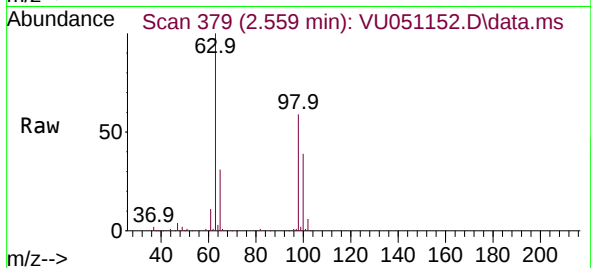




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.534 ug/L
RT: 2.559 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU051152.D
Acq: 06 Oct 2022 01:52

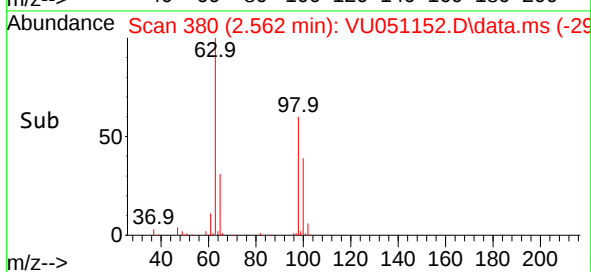
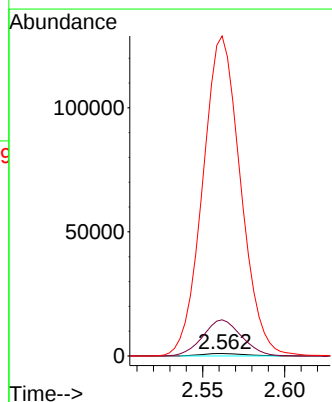
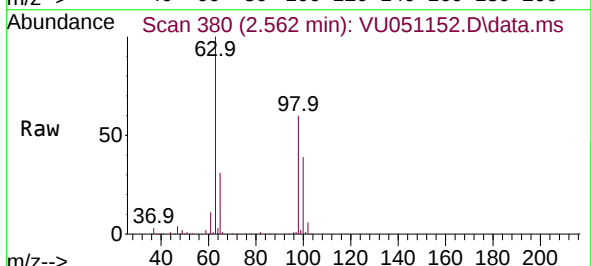
Instrument :
MSVOA_U
ClientSampleId :
EY0E4

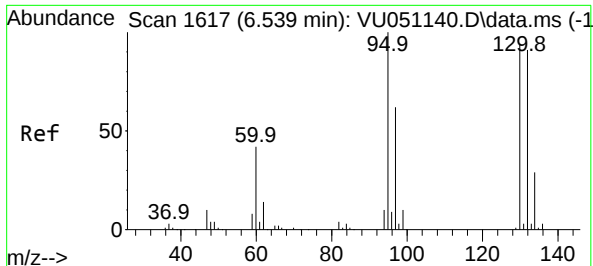
Tgt Ion:101 Resp: 2142
Ion Ratio Lower Upper
101 100
85 0.0 34.6 52.0#
151 0.0 58.6 87.8#



#12
1,1-Dichloroethene
Concen: 0.488 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.010 min
Lab File: VU051152.D
Acq: 06 Oct 2022 01:52

Tgt Ion: 96 Resp: 1828
Ion Ratio Lower Upper
96 100
61 1533.9 113.0 209.9#
63 13572.2 91.7 170.3#

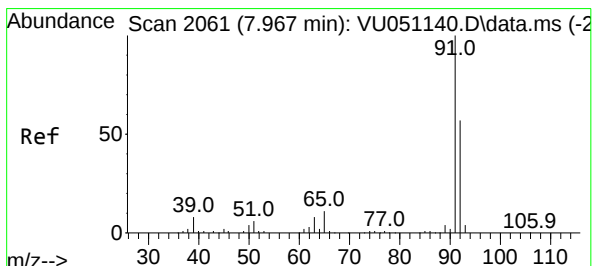
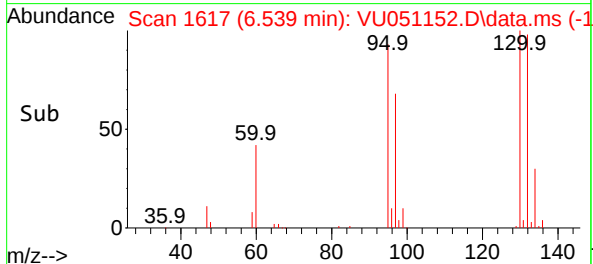
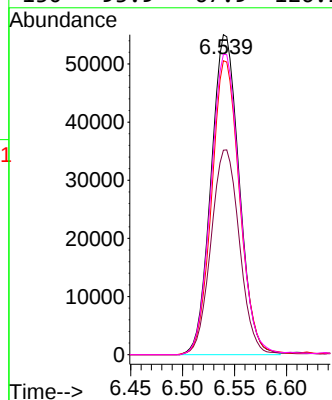
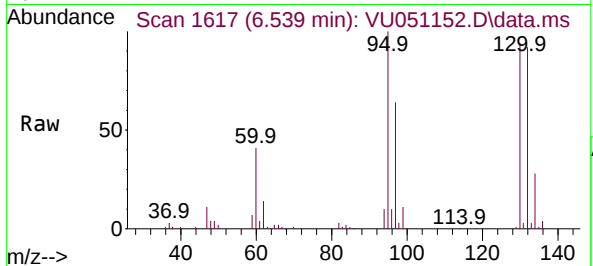




#34
Trichloroethene
Concen: 26.104 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU051152.D
Acq: 06 Oct 2022 01:52

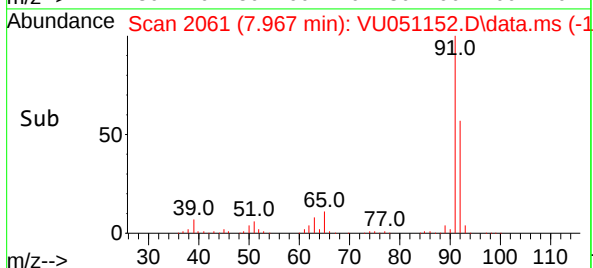
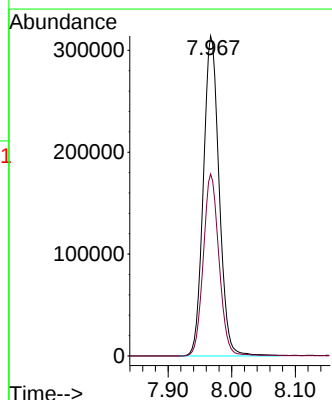
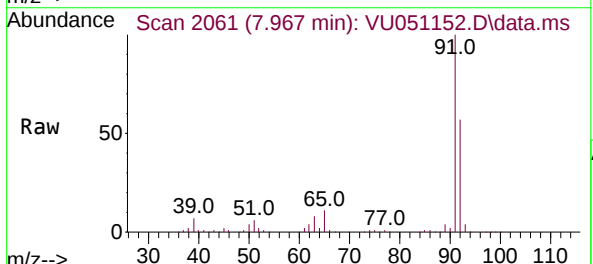
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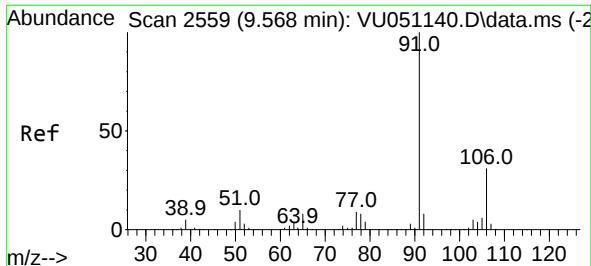
Tgt Ion: 95 Resp: 103751
Ion Ratio Lower Upper
95 100
97 63.9 45.9 85.3
132 91.9 64.0 119.0
130 93.9 67.9 126.1



#42
Toluene
Concen: 33.235 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU051152.D
Acq: 06 Oct 2022 01:52

Tgt Ion: 91 Resp: 542472
Ion Ratio Lower Upper
91 100
92 56.9 40.1 74.5

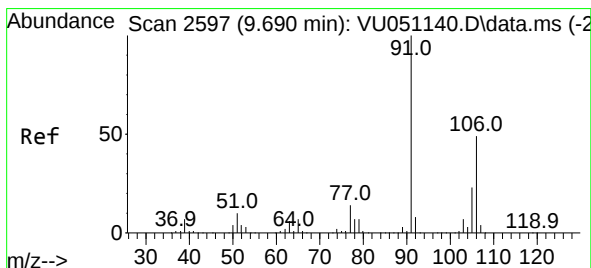
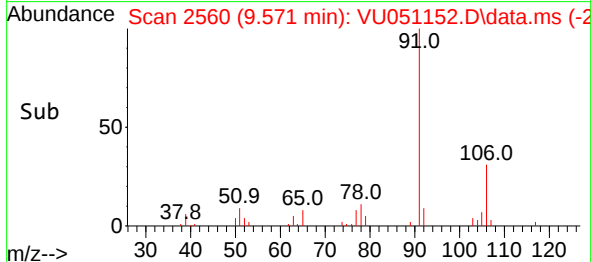
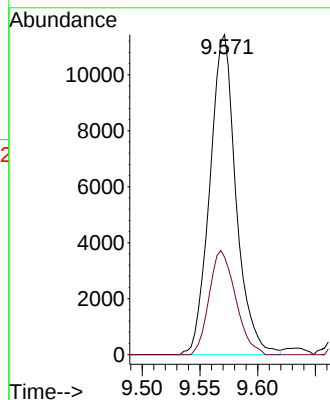
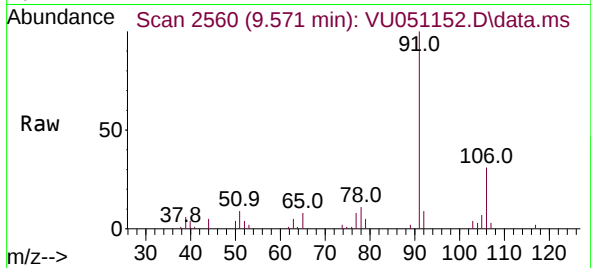




#52
Ethylbenzene
Concen: 1.039 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU051152.D
Acq: 06 Oct 2022 01:52

Instrument :
MSVOA_U
ClientSampleId :
EY0E4

Tgt Ion: 91 Resp: 18089
Ion Ratio Lower Upper
91 100
106 30.5 21.7 40.3



#53
m,p-Xylene
Concen: 3.163 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU051152.D
Acq: 06 Oct 2022 01:52

Tgt Ion: 106 Resp: 20709
Ion Ratio Lower Upper
106 100
91 221.0 141.9 263.5

