

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040723\
 Data File : VU053600.D
 Acq On : 07 Apr 2023 17:29
 Operator : JC/MD
 Sample : 02251-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMB9

Quant Time: Apr 08 00:02:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

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

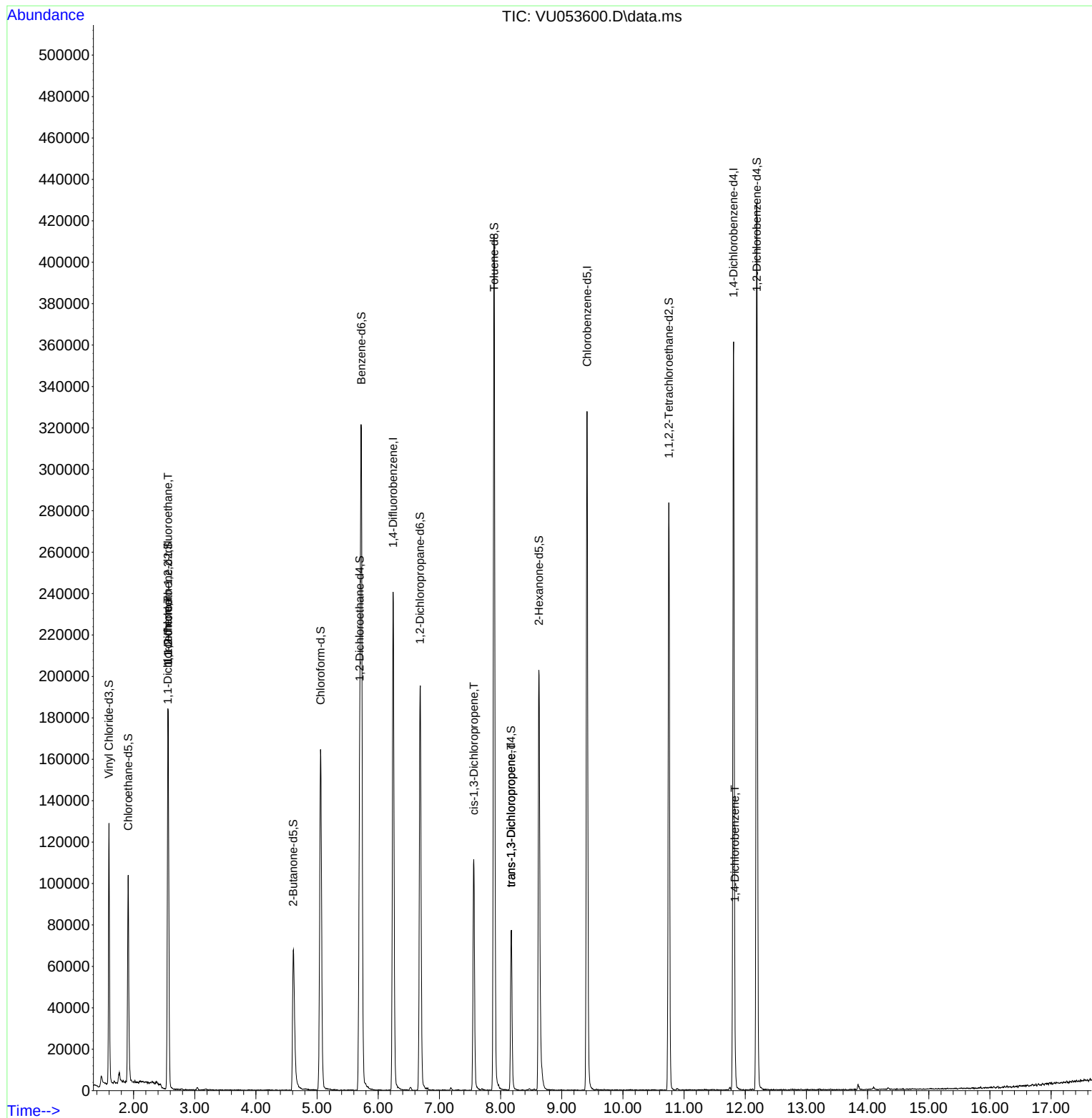
Internal Standards							
1) 1,4-Difluorobenzene		6.243	114	204070	50.000	ug/L	0.00
28) Chlorobenzene-d5		9.414	117	189933	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.809	152	96951	50.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.597	65	90448	56.921	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	113.840%	
7) Chloroethane-d5		1.912	69	75898	61.949	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	123.900%	
11) 1,1-Dichloroethene-d2		2.565	63	106939	43.476	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.960%	
21) 2-Butanone-d5		4.610	46	97908	136.090	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	136.090%#	
24) Chloroform-d		5.057	84	152155	57.899	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.800%	
26) 1,2-Dichloroethane-d4		5.697	65	96116	61.896	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	123.800%	
32) Benzene-d6		5.722	84	307268	59.934	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.860%	
36) 1,2-Dichloropropane-d6		6.684	67	97463	62.196	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	124.400%#	
41) Toluene-d8		7.893	98	285726	56.073	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.140%	
43) trans-1,3-Dichloroprop...		8.172	79	46081	56.968	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	113.940%	
47) 2-Hexanone-d5		8.626	63	73174	136.823	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	136.820%#	
56) 1,1,2,2-Tetrachloroeth...		10.751	84	139976	63.376	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	126.760%#	
66) 1,2-Dichlorobenzene-d4		12.188	152	114593	56.625	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.260%	
Target Compounds							
10) 1,1,2-Trichloro-1,2,2-...		2.562	101	991	0.705	ug/L #	17
12) 1,1-Dichloroethene		2.559	96	786	0.628	ug/L #	1
39) cis-1,3-Dichloropropene		7.562	75	2887	1.406	ug/L #	50
44) trans-1,3-Dichloropropene		8.172	75	2193	1.130	ug/L	95
65) 1,4-Dichlorobenzene		11.828	146	3918	1.283	ug/L #	88

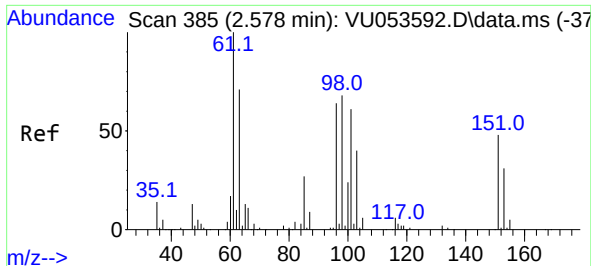
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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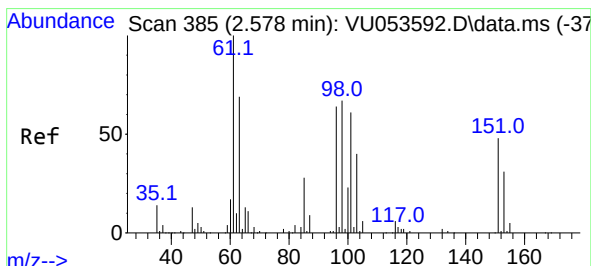
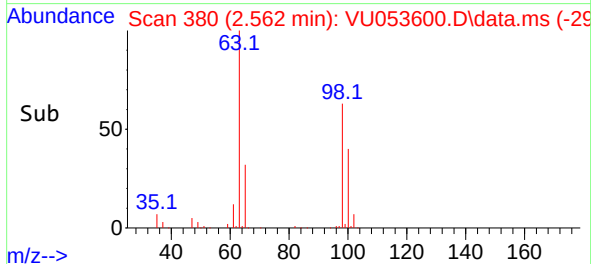
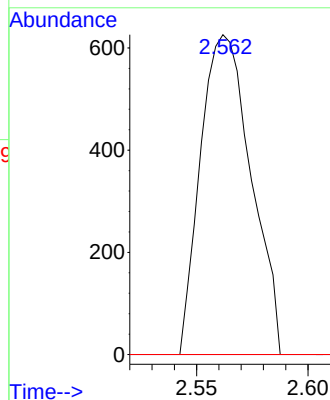
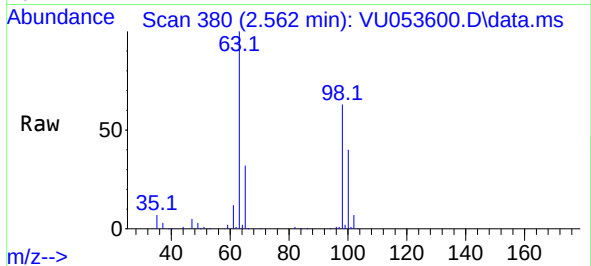




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.705 ug/L
 RT: 2.562 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VU053600.D
 Acq: 07 Apr 2023 17:29

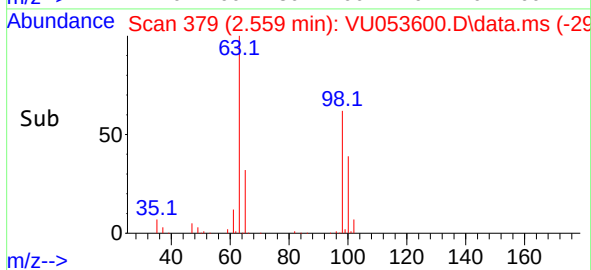
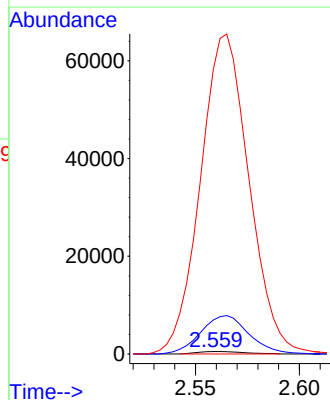
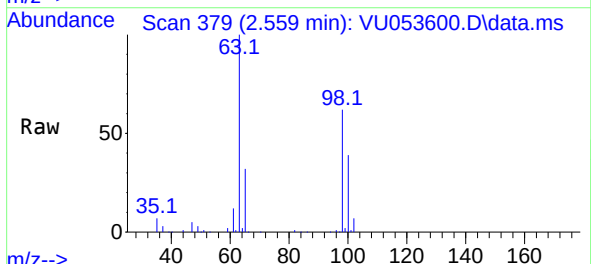
Instrument :
 MSVOA_U
 ClientSampleId :
 COMB9

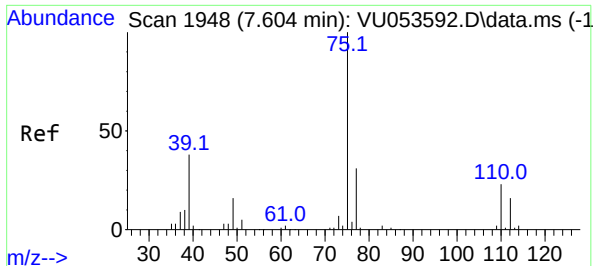
Tgt Ion:101 Resp: 991
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.6 48.8#
 151 0.0 65.8 98.6#



#12
 1,1-Dichloroethene
 Concen: 0.628 ug/L
 RT: 2.559 min Scan# 379
 Delta R.T. -0.019 min
 Lab File: VU053600.D
 Acq: 07 Apr 2023 17:29

Tgt Ion: 96 Resp: 786
 Ion Ratio Lower Upper
 96 100
 61 1382.7 107.9 200.5#
 63 11600.0 79.1 146.9#





#39

cis-1,3-Dichloropropene

Concen: 1.406 ug/L

RT: 7.562 min Scan# 1948

Delta R.T. -0.039 min

Lab File: VU053600.D

Acq: 07 Apr 2023 17:29

Instrument :

MSVOA_U

ClientSampleId :

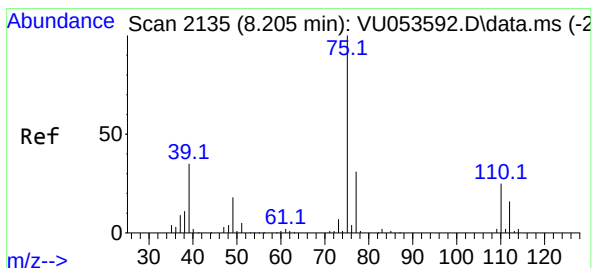
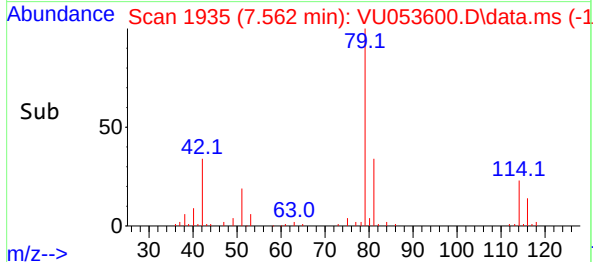
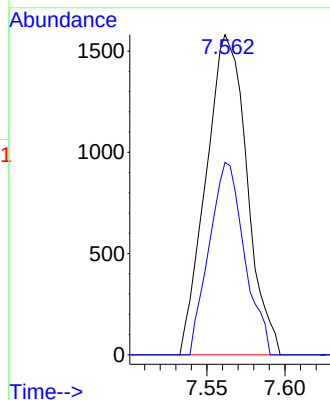
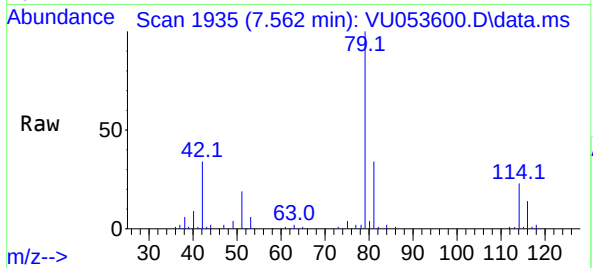
COMB9

Tgt Ion: 75 Resp: 2887

Ion Ratio Lower Upper

75 100

77 60.1 22.5 41.7#



#44

trans-1,3-Dichloropropene

Concen: 1.130 ug/L

RT: 8.172 min Scan# 2125

Delta R.T. -0.032 min

Lab File: VU053600.D

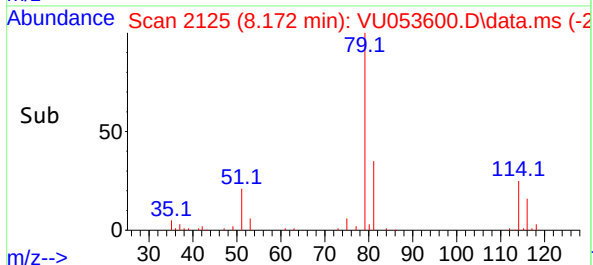
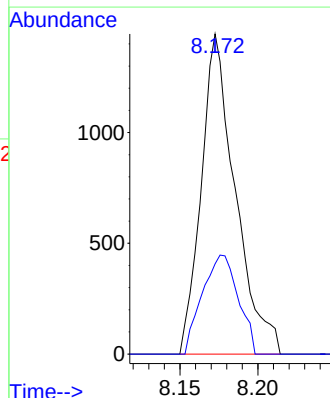
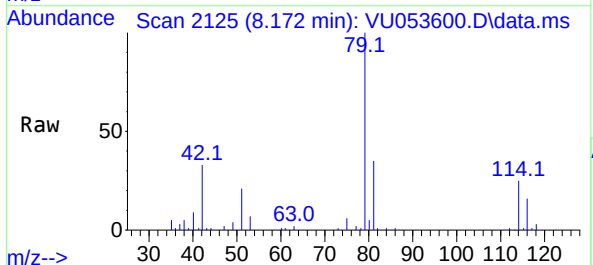
Acq: 07 Apr 2023 17:29

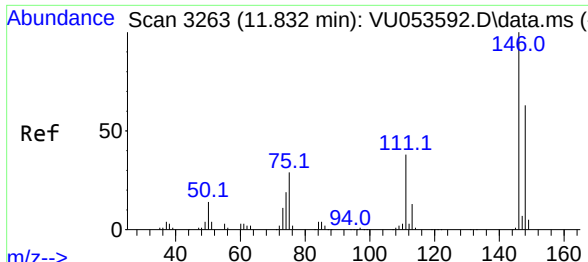
Tgt Ion: 75 Resp: 2193

Ion Ratio Lower Upper

75 100

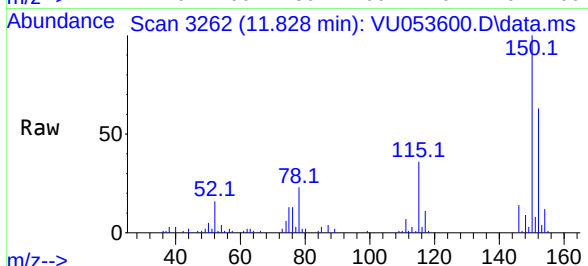
77 28.2 21.8 40.4





#65
 1,4-Dichlorobenzene
 Concen: 1.283 ug/L
 RT: 11.828 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU053600.D
 Acq: 07 Apr 2023 17:29

Instrument :
 MSVOA_U
 ClientSampleId :
 COMB9



Tgt Ion:146 Resp: 3918

Ion	Ratio	Lower	Upper
146	100		
111	48.2	25.1	46.5#
148	68.8	44.3	82.3

