

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042322\
 Data File : VU048256.D
 Acq On : 23 Apr 2022 19:12
 Operator : SY/MD
 Sample : N2488-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Quant Time: Apr 25 01:28:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 25 01:24:32 2022
 Response via : Initial Calibration

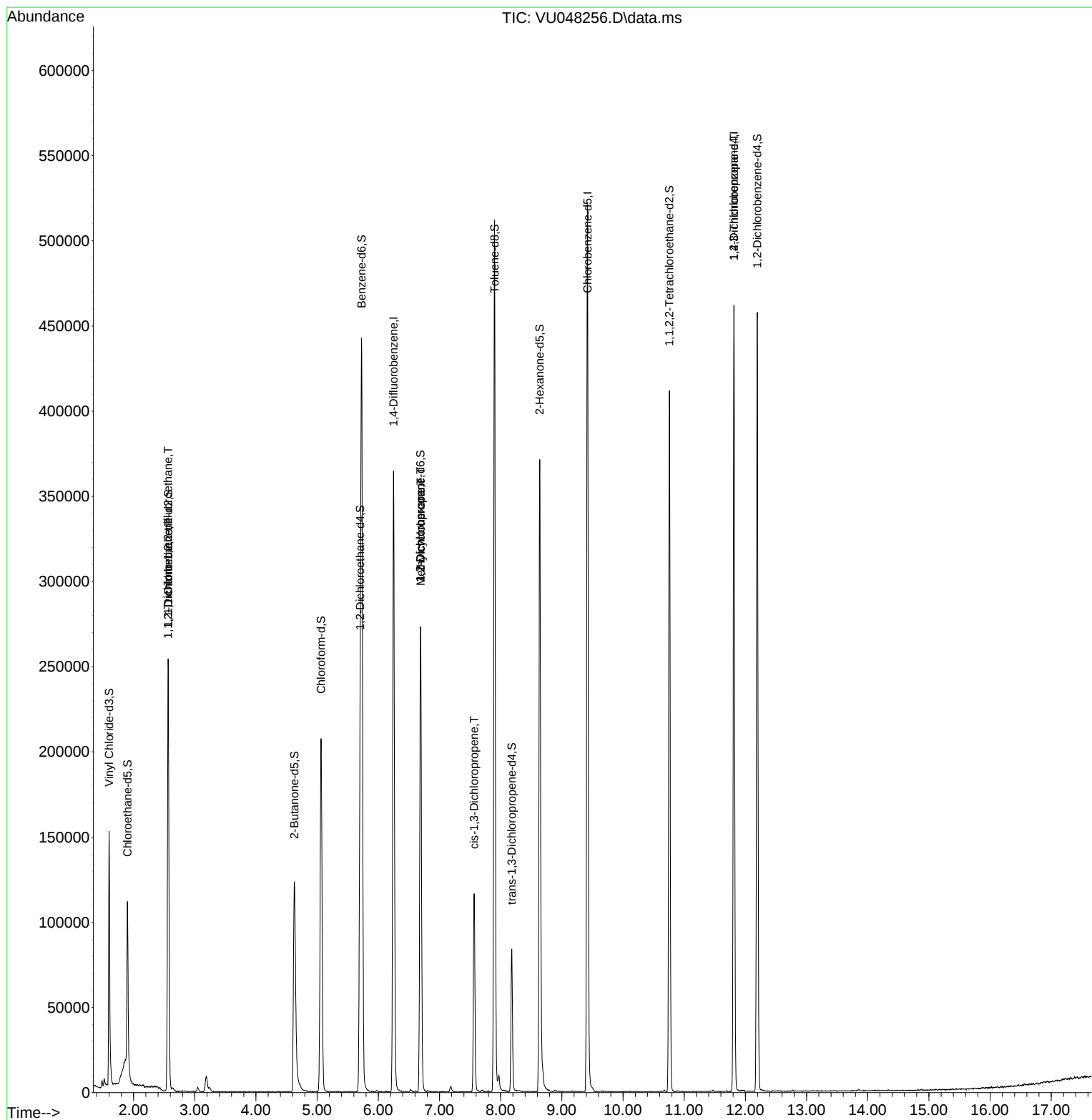
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

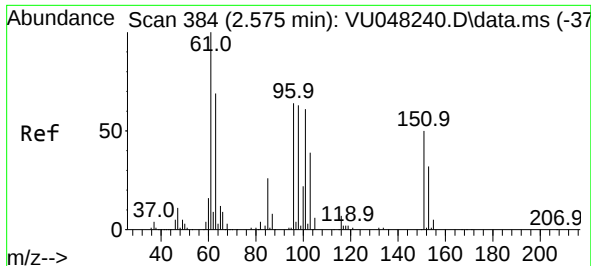
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	308551	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	313258	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	133050	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	122332	54.673	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.340%
7) Chloroethane-d5	1.900	69	91952	52.119	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.240%
11) 1,1-Dichloroethene-d2	2.565	63	146792	35.858	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.720%
21) 2-Butanone-d5	4.626	46	187653	97.711	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.710%
24) Chloroform-d	5.063	84	198800	48.558	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.120%
26) 1,2-Dichloroethane-d4	5.703	65	124425	49.553	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.100%
32) Benzene-d6	5.729	84	420357	53.328	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.660%
36) 1,2-Dichloropropane-d6	6.690	67	138001	57.007	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.020%
41) Toluene-d8	7.899	98	348714	45.406	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.820%
43) trans-1,3-Dichloroprop...	8.182	79	48136	39.249	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.500%
47) 2-Hexanone-d5	8.639	63	125709	88.707	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.710%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	209068	50.324	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.640%
66) 1,2-Dichlorobenzene-d4	12.195	152	129723	54.803	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1274	0.560	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1133	0.535	ug/L #	1
35) Methylcyclohexane	6.694	83	31170	8.619	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	13807	5.990	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	2510	0.702	ug/L #	59
60) 1,2,3-Trichloropropane	11.812	75	13440	5.358	ug/L #	65

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

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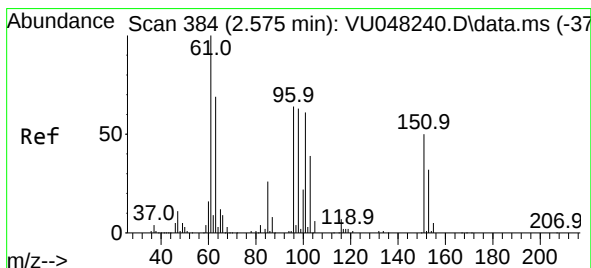
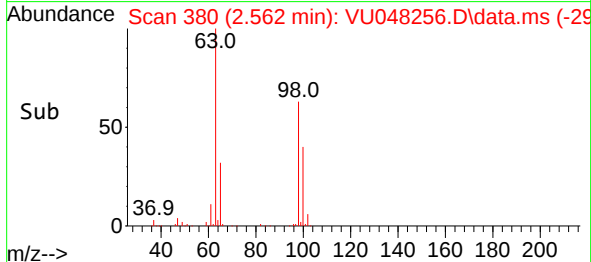
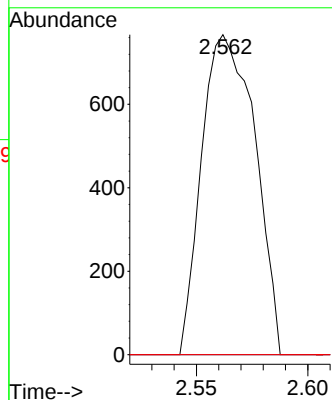
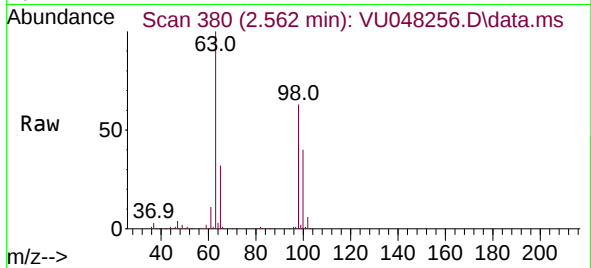
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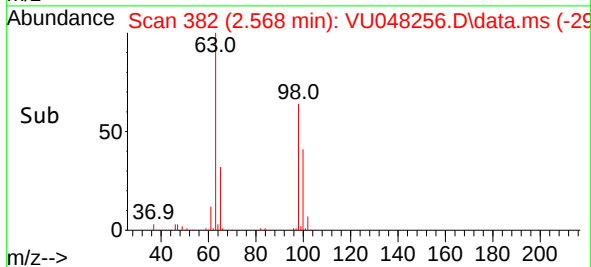
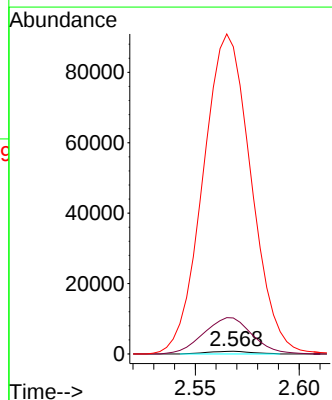
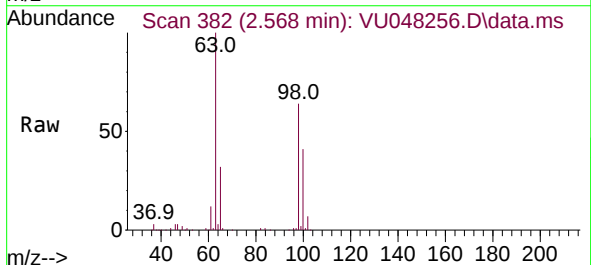
#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.560 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.013 min
 Lab File: VU048256.D
 Acq: 23 Apr 2022 19:12

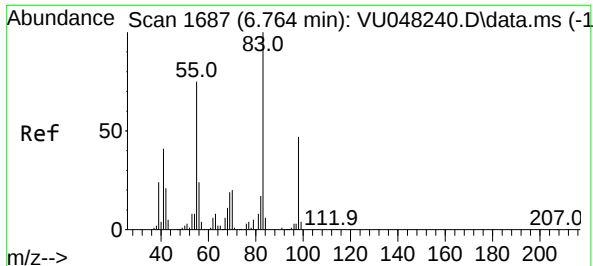
Tgt Ion:101 Resp: 1274
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.535 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.006 min
 Lab File: VU048256.D
 Acq: 23 Apr 2022 19:12

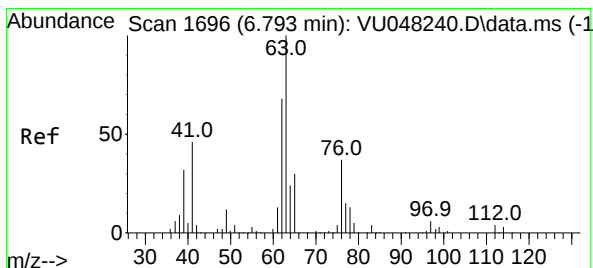
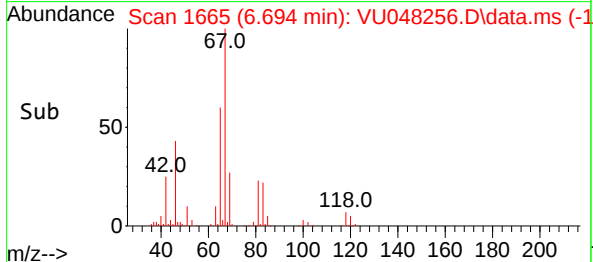
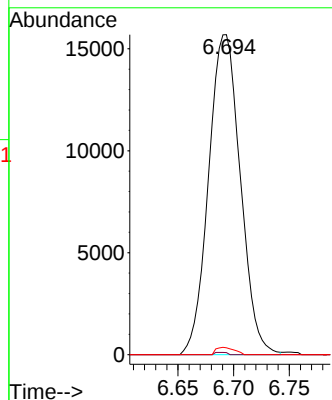
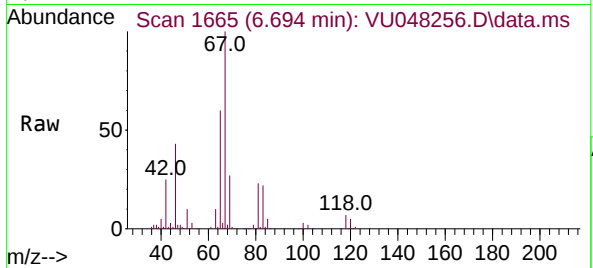
Tgt Ion: 96 Resp: 1133
 Ion Ratio Lower Upper
 96 100
 61 1343.3 113.1 210.1#
 63 11440.1 94.8 176.0#





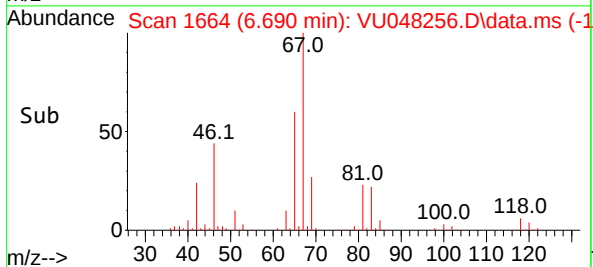
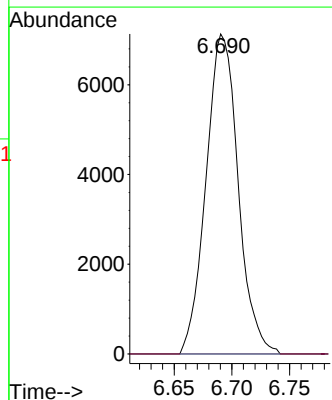
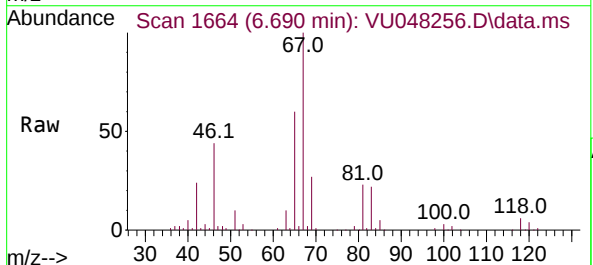
#35
Methylcyclohexane
Concen: 8.619 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU048256.D
Acq: 23 Apr 2022 19:12

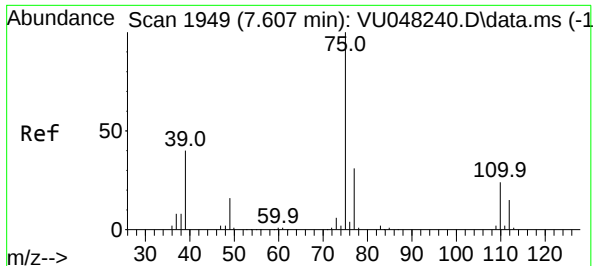
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.2	56.8	85.2#
98	1.3	38.1	57.1#



#37
1,2-Dichloropropane
Concen: 5.990 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU048256.D
Acq: 23 Apr 2022 19:12

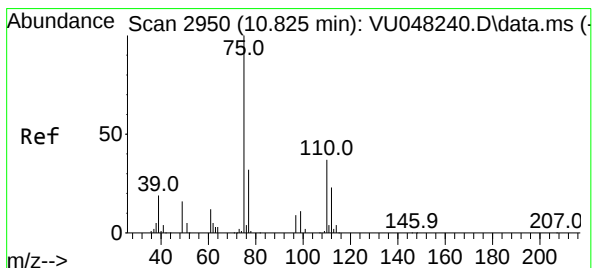
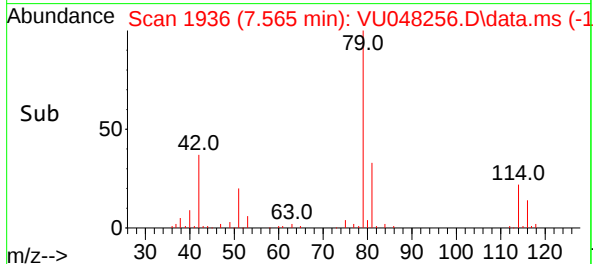
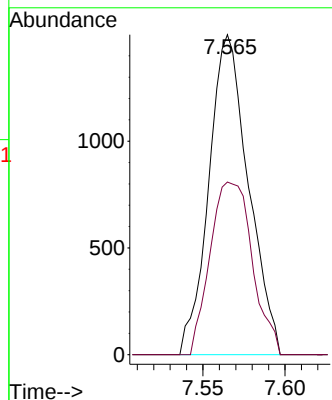
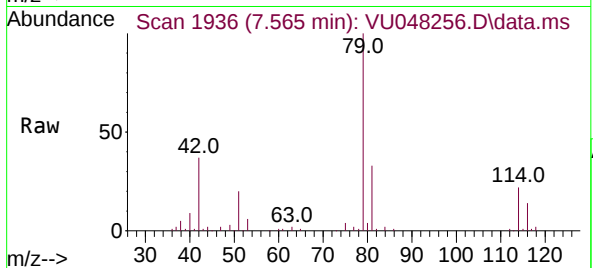
Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.4	5.2#





#39
cis-1,3-Dichloropropene
Concen: 0.702 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.042 min
Lab File: VU048256.D
Acq: 23 Apr 2022 19:12

Tgt Ion: 75 Resp: 2510
Ion Ratio Lower Upper
75 100
77 54.0 21.8 40.6#



#60
1,2,3-Trichloropropane
Concen: 5.358 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU048256.D
Acq: 23 Apr 2022 19:12

Tgt Ion: 75 Resp: 13440
Ion Ratio Lower Upper
75 100
77 33.6 26.0 39.0
110 1.1 31.4 47.2#

