

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
 Data File : VU049016.D
 Acq On : 10 Jun 2022 22:56
 Operator : SY/MD
 Sample : N3254-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DH4

Quant Time: Jun 11 02:46:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 22:44:31 2022
 Response via : Initial Calibration

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

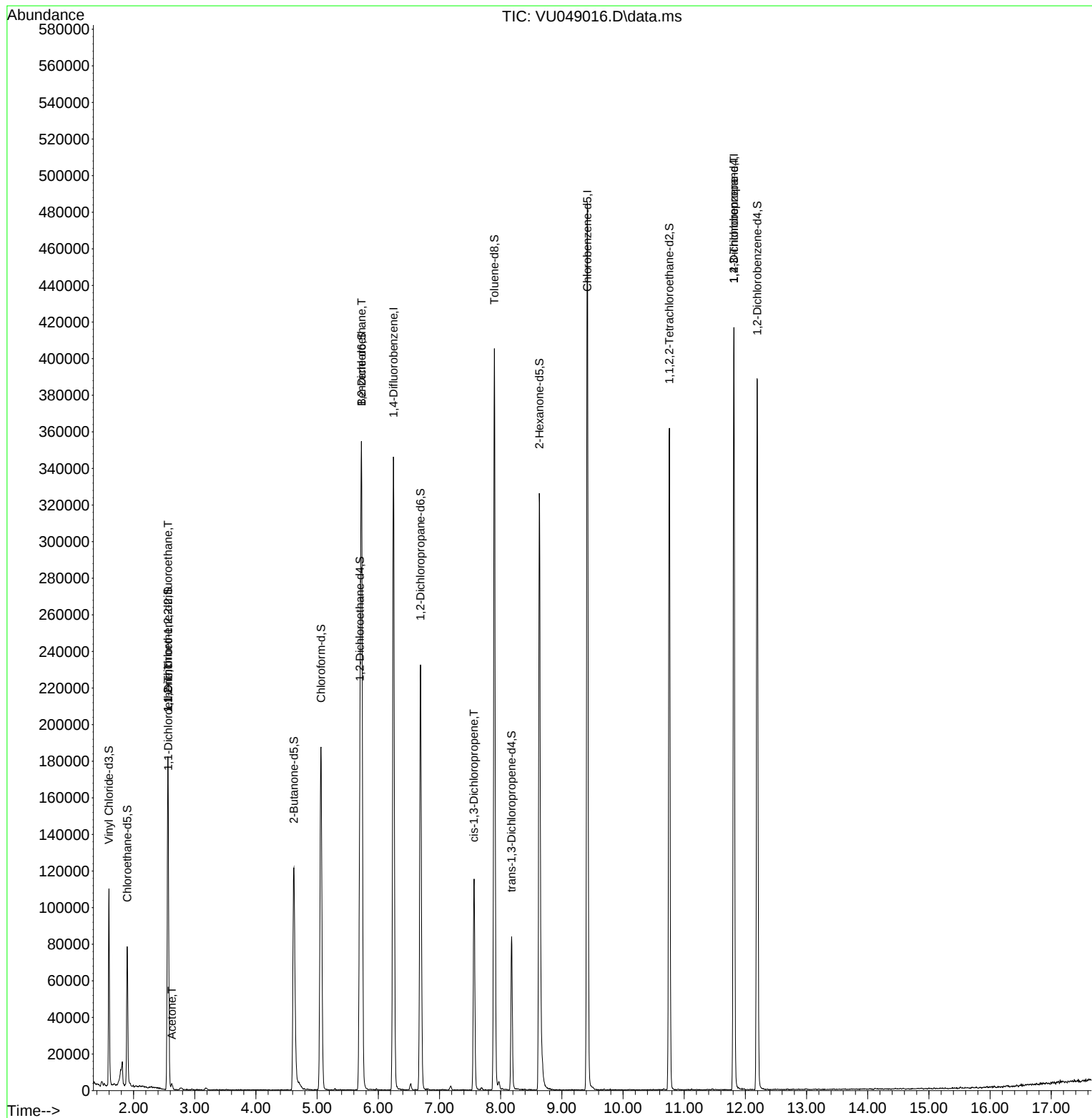
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	279616	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	265735	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	115027	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	74663	43.344	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.680%		
7) Chloroethane-d5	1.896	69	57723	45.639	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.280%		
11) 1,1-Dichloroethene-d2	2.562	63	108245	33.302	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.600%		
21) 2-Butanone-d5	4.620	46	176048	93.216	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.220%		
24) Chloroform-d	5.063	84	170996	46.534	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.060%		
26) 1,2-Dichloroethane-d4	5.700	65	119023	49.995	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.980%		
32) Benzene-d6	5.726	84	320369	48.619	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.240%		
36) 1,2-Dichloropropane-d6	6.690	67	108896	49.159	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.320%		
41) Toluene-d8	7.896	98	264035	45.435	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.880%		
43) trans-1,3-Dichloroprop...	8.179	79	46811	44.918	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.840%		
47) 2-Hexanone-d5	8.632	63	103455	89.235	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.230%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	175298	47.380	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.760%		
66) 1,2-Dichlorobenzene-d4	12.195	152	106642	53.284	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.560%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	988	0.502	ug/L #	19
12) 1,1-Dichloroethene	2.568	96	1414	0.820	ug/L #	1
13) Acetone	2.623	43	3371	2.268	ug/L	79
27) 1,2-Dichloroethane	5.726	62	1899	0.548	ug/L #	76
39) cis-1,3-Dichloropropene	7.562	75	2764	0.774	ug/L	86
60) 1,2,3-Trichloropropane	11.812	75	12233	4.193	ug/L #	68

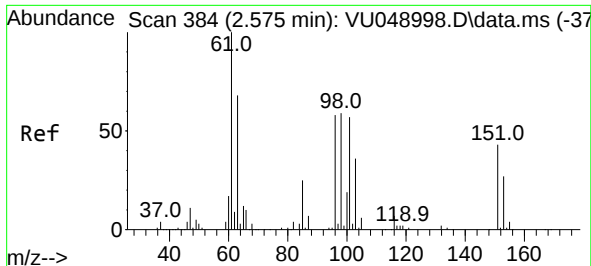
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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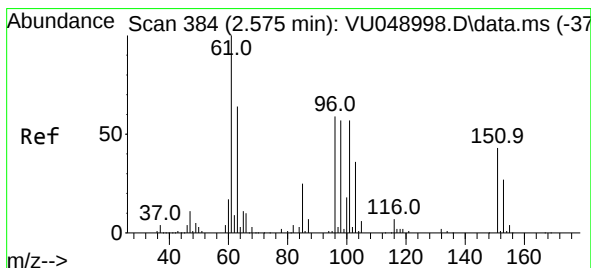
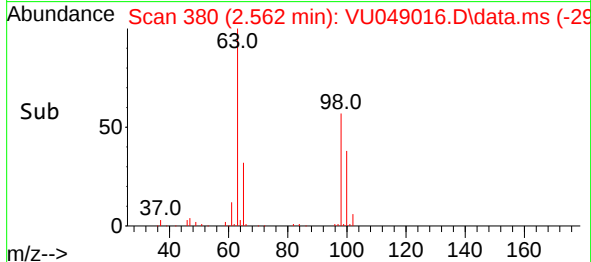
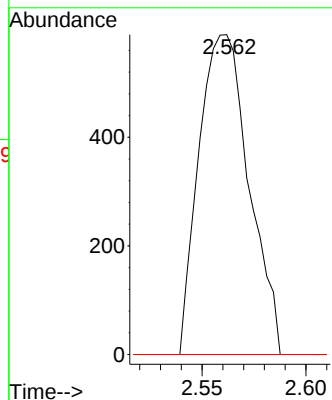
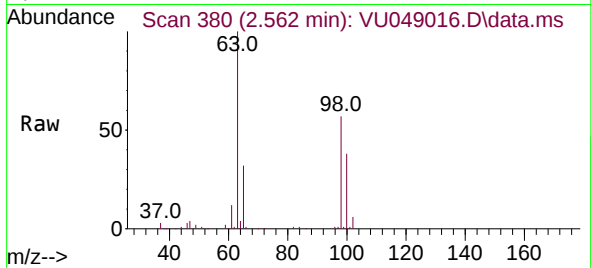




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.502 ug/L
RT: 2.562 min Scan# 31
Delta R.T. -0.013 min
Lab File: VU049016.D
Acq: 10 Jun 2022 22:56

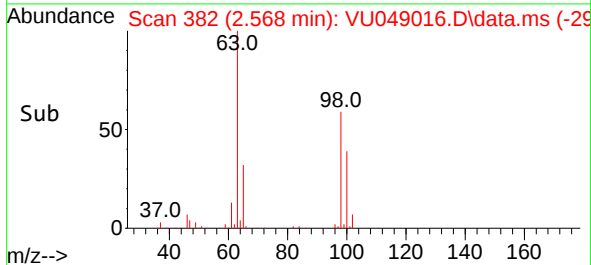
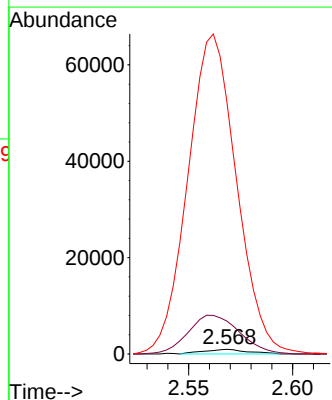
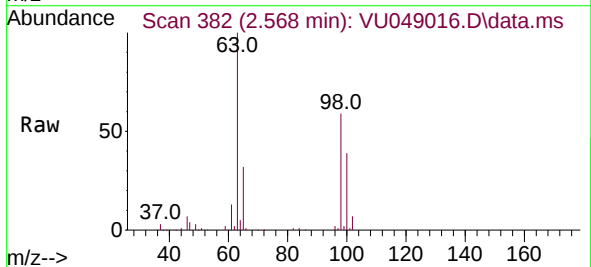
Instrument :
MSVOA_U
ClientSampleId :
C0DH4

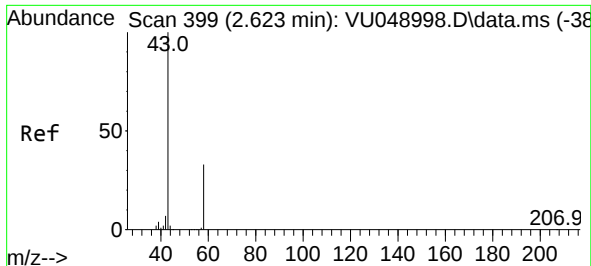
Tgt Ion:101 Resp: 988
Ion Ratio Lower Upper
101 100
85 0.0 35.2 52.8#
151 0.0 61.4 92.2#



#12
1,1-Dichloroethene
Concen: 0.820 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.007 min
Lab File: VU049016.D
Acq: 10 Jun 2022 22:56

Tgt Ion: 96 Resp: 1414
Ion Ratio Lower Upper
96 100
61 703.4 123.5 229.3#
63 5409.9 86.0 159.8#





#13

Acetone

Concen: 2.268 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU049016.D

Acq: 10 Jun 2022 22:56

Instrument :

MSVOA_U

ClientSampleId :

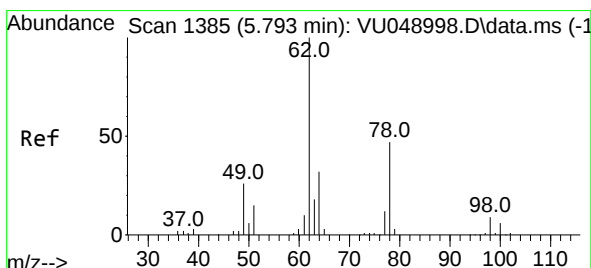
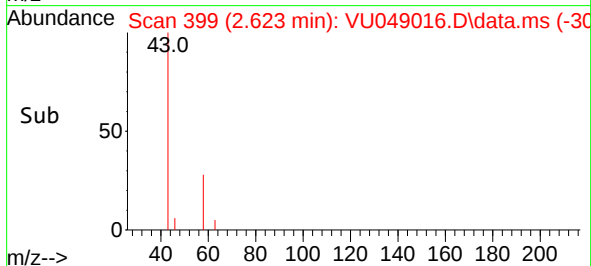
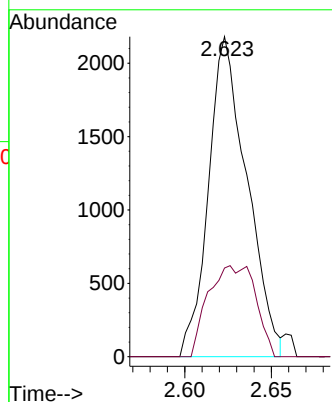
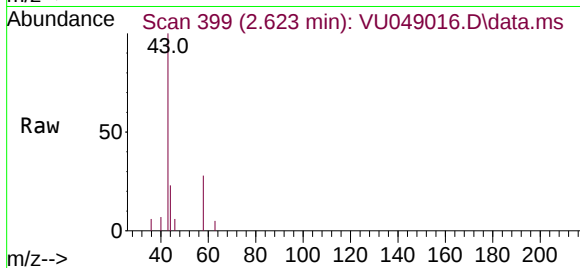
C0DH4

Tgt Ion: 43 Resp: 3371

Ion Ratio Lower Upper

43 100

58 21.3 0.0 66.4



#27

1,2-Dichloroethane

Concen: 0.548 ug/L

RT: 5.726 min Scan# 1364

Delta R.T. -0.068 min

Lab File: VU049016.D

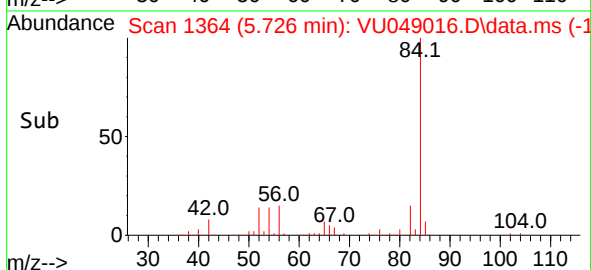
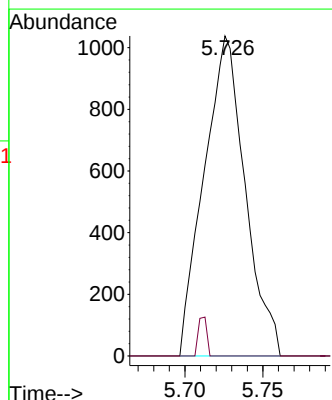
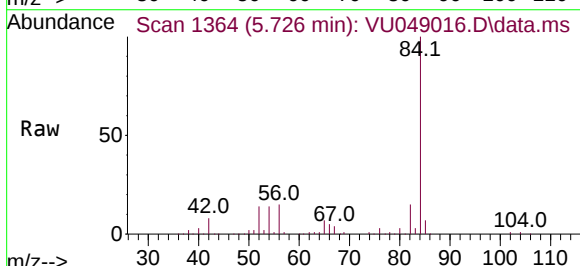
Acq: 10 Jun 2022 22:56

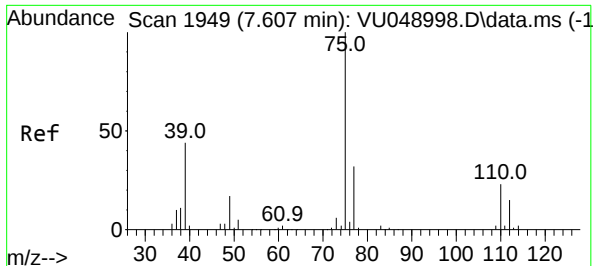
Tgt Ion: 62 Resp: 1899

Ion Ratio Lower Upper

62 100

98 0.0 7.0 10.4#





#39

cis-1,3-Dichloropropene

Concen: 0.774 ug/L

RT: 7.562 min Scan# 11

Delta R.T. -0.045 min

Lab File: VU049016.D

Acq: 10 Jun 2022 22:56

Instrument :

MSVOA_U

ClientSampleId :

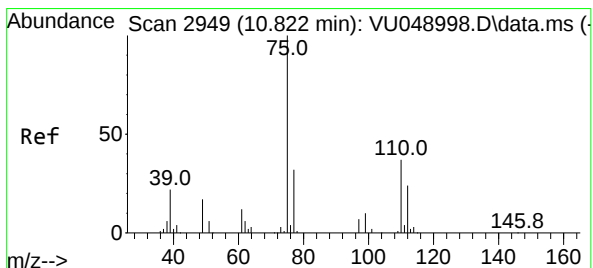
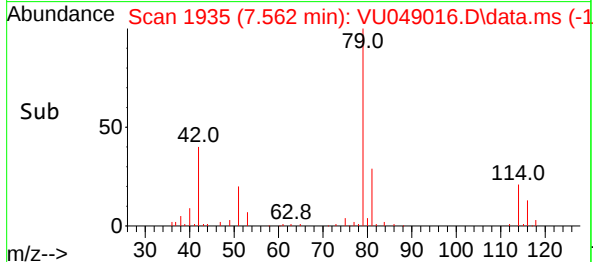
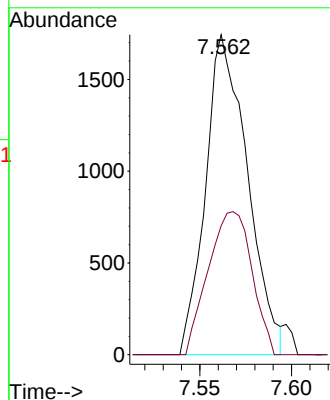
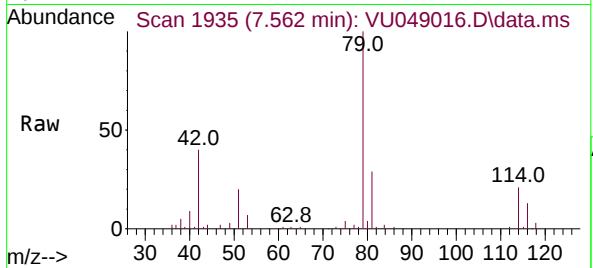
CODH4

Tgt Ion: 75 Resp: 2764

Ion Ratio Lower Upper

75 100

77 40.3 22.6 42.0



#60

1,2,3-Trichloropropane

Concen: 4.193 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU049016.D

Acq: 10 Jun 2022 22:56

Tgt Ion: 75 Resp: 12233

Ion Ratio Lower Upper

75 100

77 34.5 26.6 40.0

110 2.8 30.2 45.4#

