

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061222\
 Data File : VU049090.D
 Acq On : 12 Jun 2022 14:49
 Operator : SY/MD
 Sample : N3255-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DK4

Quant Time: Jun 13 05:04:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 13 05:01:30 2022
 Response via : Initial Calibration

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

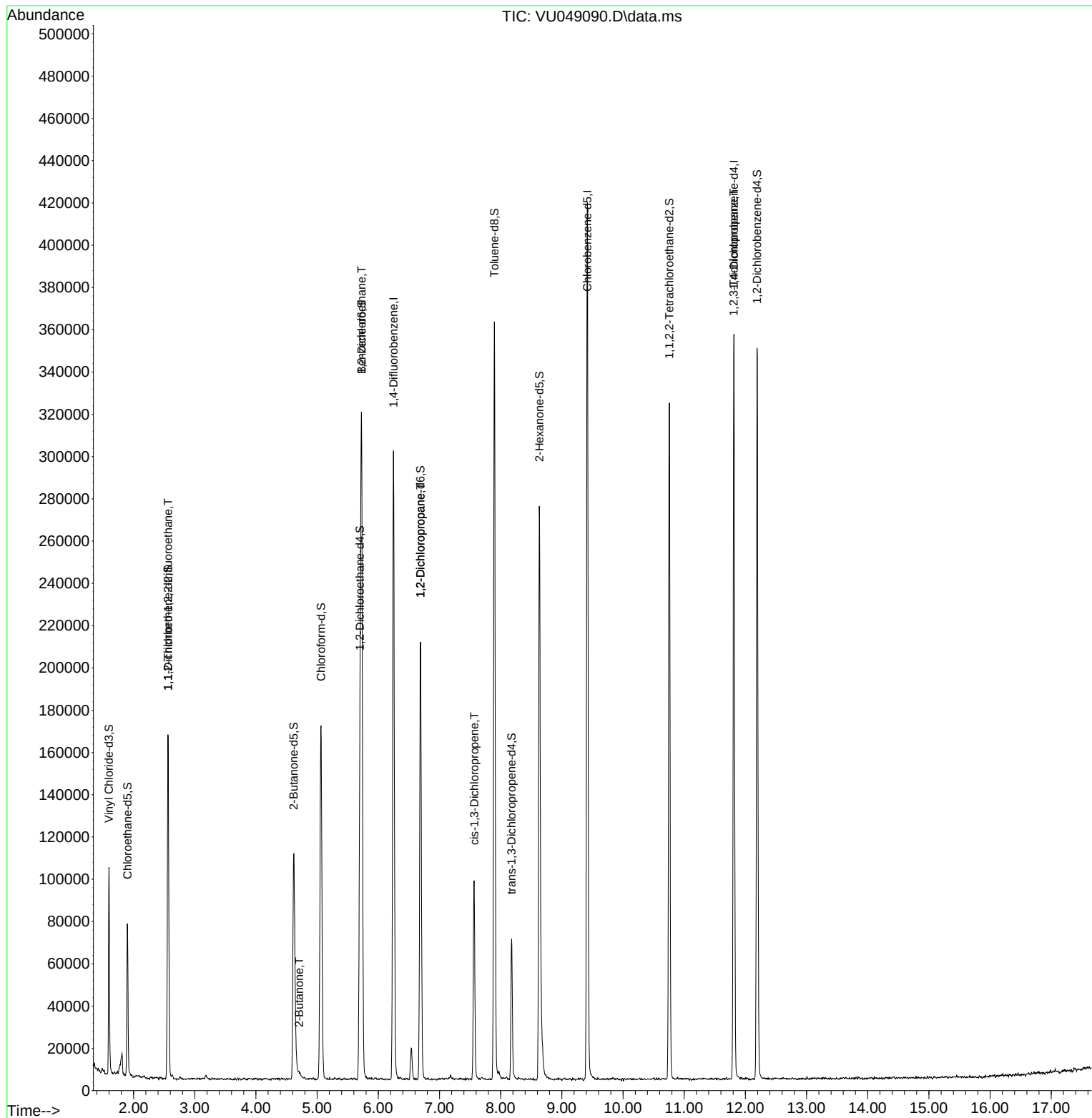
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	241955	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	234420	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	98481	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	67955	45.590	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.180%		
7) Chloroethane-d5	1.899	69	52803	48.247	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.500%		
11) 1,1-Dichloroethene-d2	2.562	63	95899	34.096	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.200%		
21) 2-Butanone-d5	4.616	46	154157	94.330	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.330%		
24) Chloroform-d	5.063	84	157969	49.680	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.360%		
26) 1,2-Dichloroethane-d4	5.700	65	109732	53.267	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.540%		
32) Benzene-d6	5.726	84	293311	50.459	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.920%		
36) 1,2-Dichloropropane-d6	6.690	67	97830	50.063	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.120%		
41) Toluene-d8	7.896	98	237904	46.407	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.820%		
43) trans-1,3-Dichloroprop...	8.179	79	38740	42.140	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.280%		
47) 2-Hexanone-d5	8.632	63	85997	84.085	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.090%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	156460	47.938	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.880%		
66) 1,2-Dichlorobenzene-d4	12.192	152	94497	55.148	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	110.300%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	916	0.537	ug/L #	19
22) 2-Butanone	4.706	43	2308	1.168	ug/L #	74
27) 1,2-Dichloroethane	5.726	62	1558	0.520	ug/L #	76
37) 1,2-Dichloropropane	6.690	63	10442	4.876	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	2386	0.757	ug/L #	81
60) 1,2,3-Trichloropropane	11.809	75	10554	4.225	ug/L #	68

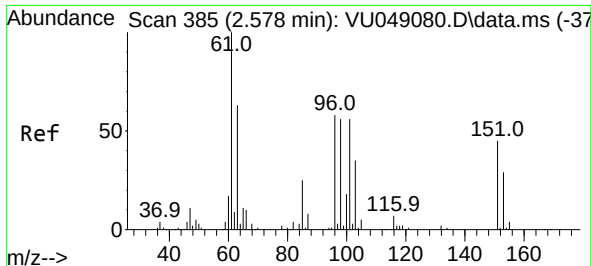
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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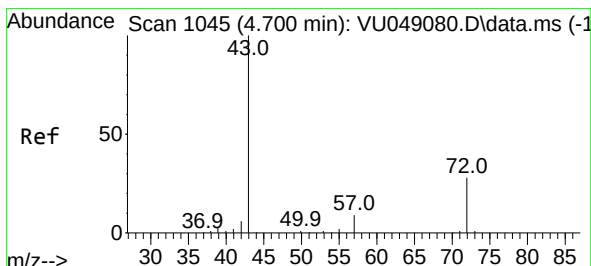
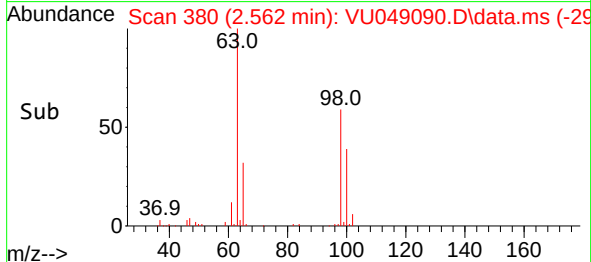
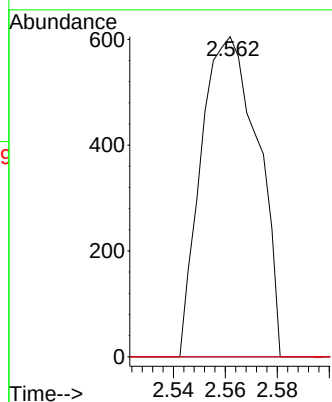
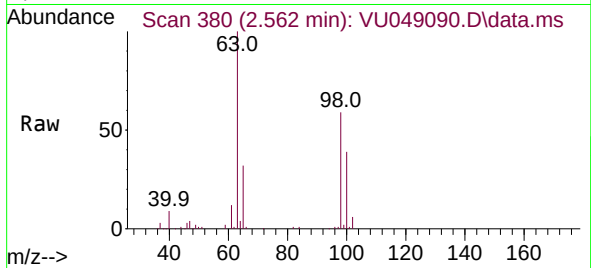




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.537 ug/L
RT: 2.562 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU049090.D
Acq: 12 Jun 2022 14:49

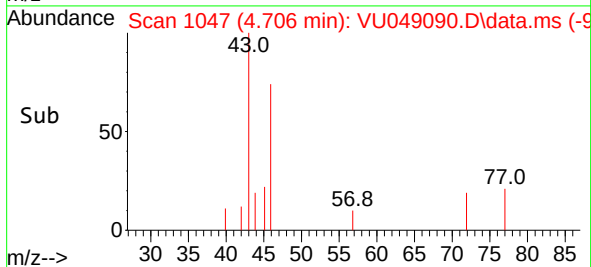
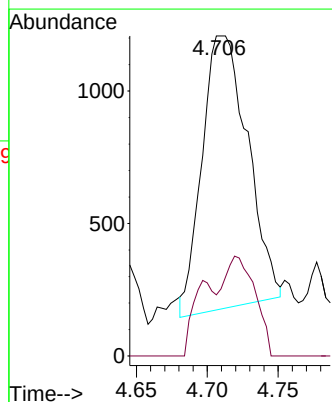
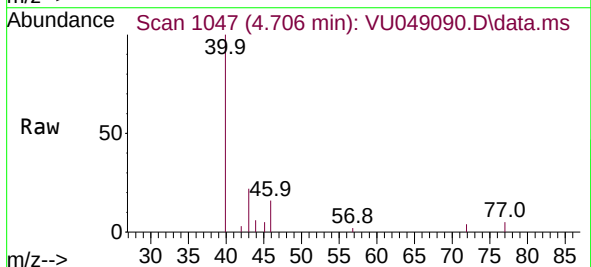
Instrument :
MSVOA_U
ClientSampleId :
C0DK4

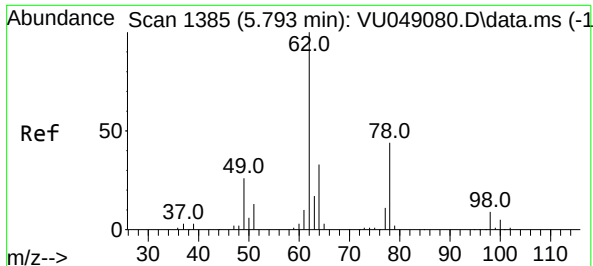
Tgt Ion:101 Resp: 916
Ion Ratio Lower Upper
101 100
85 0.0 35.2 52.8#
151 0.0 61.4 92.2#



#22
2-Butanone
Concen: 1.168 ug/L
RT: 4.706 min Scan# 1047
Delta R.T. 0.006 min
Lab File: VU049090.D
Acq: 12 Jun 2022 14:49

Tgt Ion: 43 Resp: 2308
Ion Ratio Lower Upper
43 100
72 13.6 13.7 41.0#





#27

1,2-Dichloroethane

Concen: 0.520 ug/L

RT: 5.726 min Scan# 11

Delta R.T. -0.068 min

Lab File: VU049090.D

Acq: 12 Jun 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

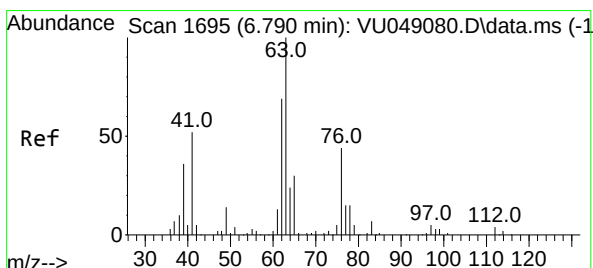
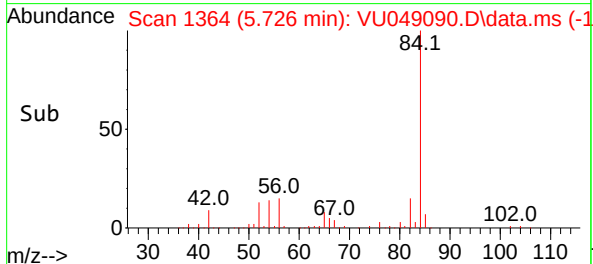
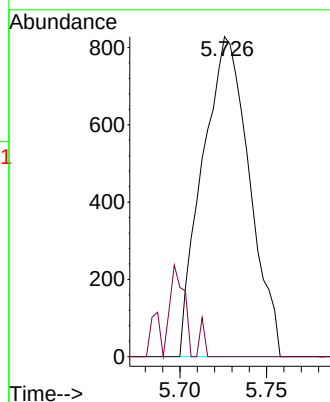
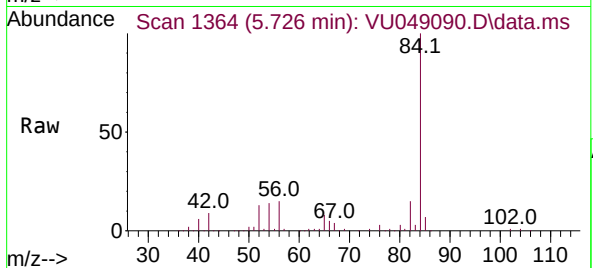
C0DK4

Tgt Ion: 62 Resp: 1558

Ion Ratio Lower Upper

62 100

98 0.0 7.0 10.4#



#37

1,2-Dichloropropane

Concen: 4.876 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU049090.D

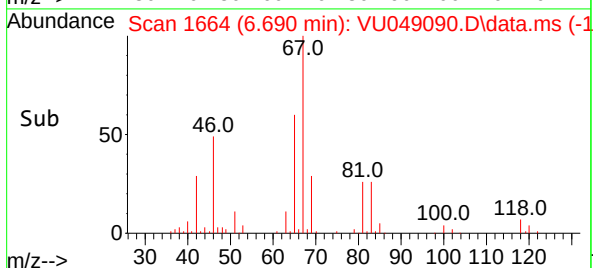
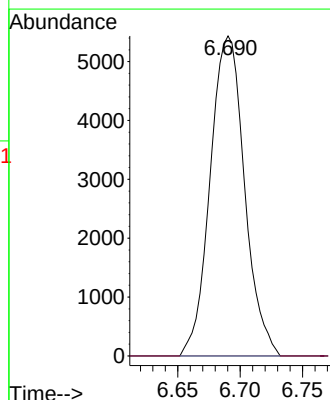
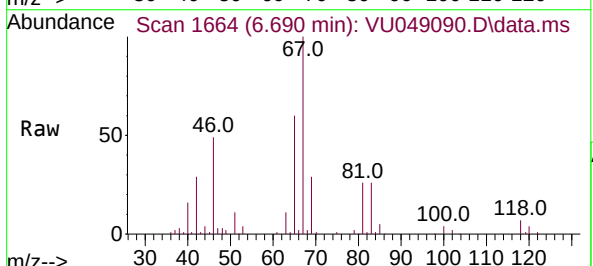
Acq: 12 Jun 2022 14:49

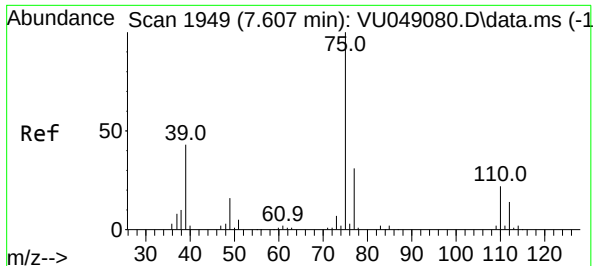
Tgt Ion: 63 Resp: 10442

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.757 ug/L

RT: 7.568 min Scan# 11

Delta R.T. -0.039 min

Lab File: VU049090.D

Acq: 12 Jun 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

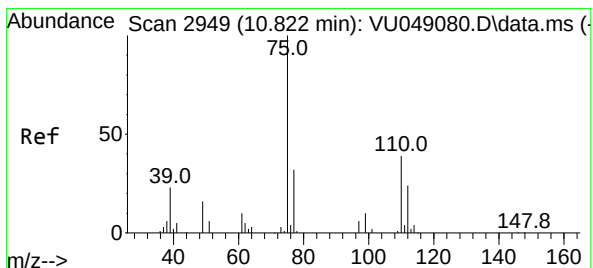
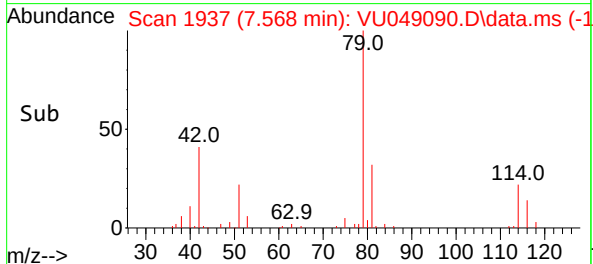
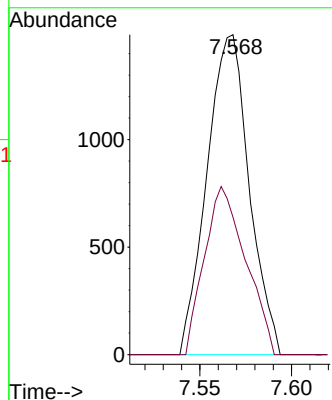
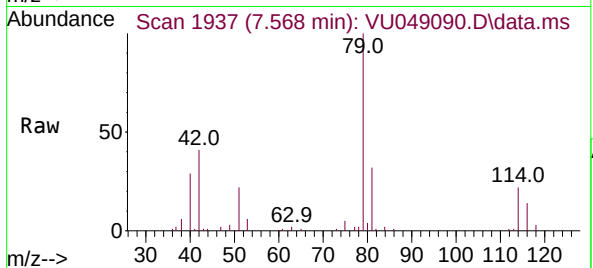
C0DK4

Tgt Ion: 75 Resp: 2386

Ion Ratio Lower Upper

75 100

77 42.9 22.6 42.0#



#60

1,2,3-Trichloropropane

Concen: 4.225 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.987 min

Lab File: VU049090.D

Acq: 12 Jun 2022 14:49

Tgt Ion: 75 Resp: 10554

Ion Ratio Lower Upper

75 100

77 32.8 26.6 40.0

110 1.5 30.2 45.4#

