

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
 Data File : VU047949.D
 Acq On : 12 Apr 2022 12:46
 Operator : SY/MD
 Sample : N2343-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 13 01:33:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 13 01:28:20 2022
 Response via : Initial Calibration

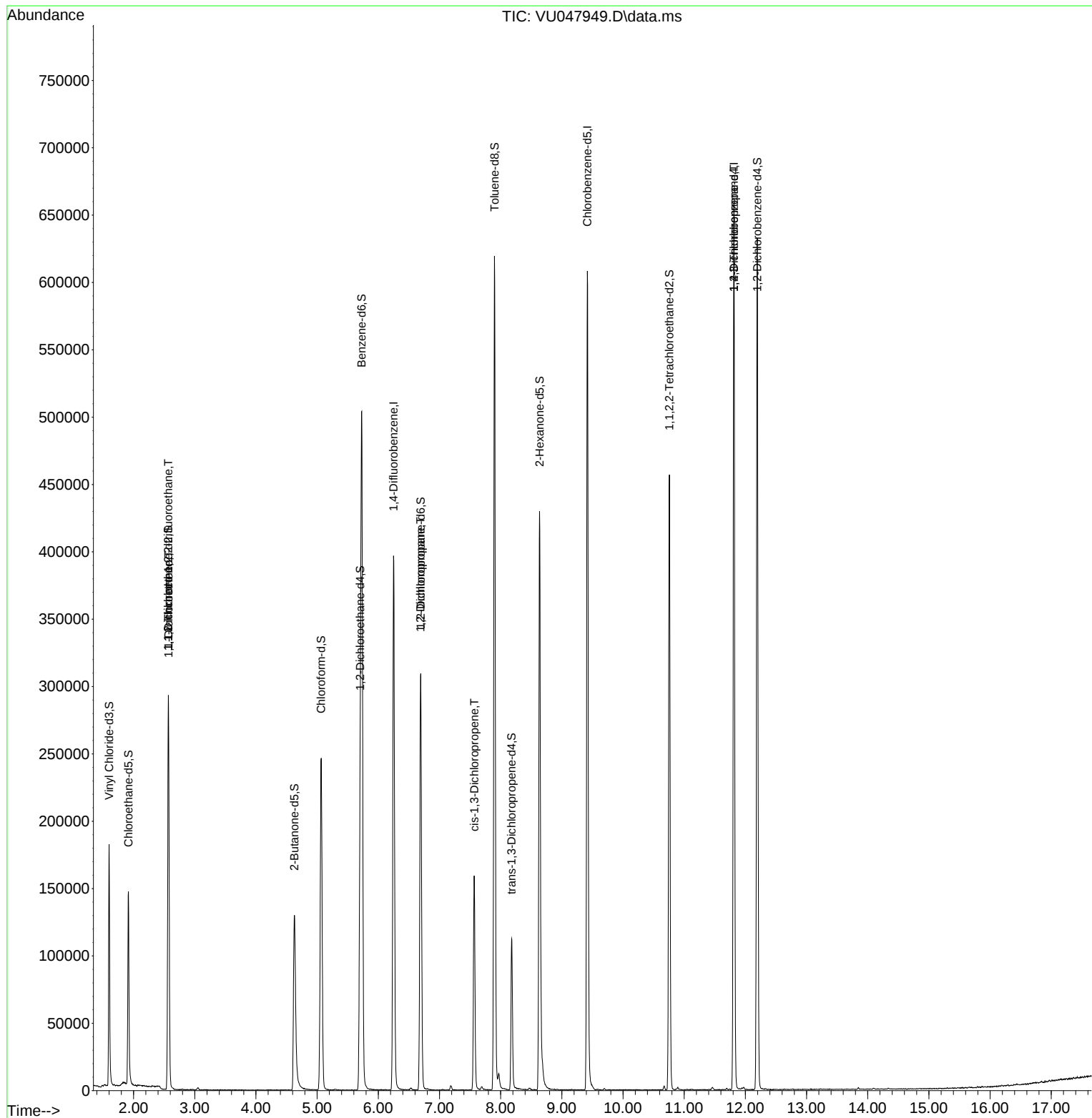
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	339137	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	361285	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	187998	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	133117	54.128	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 108.260%		
7) Chloroethane-d5	1.916	69	111708	57.606	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 115.220%		
11) 1,1-Dichloroethene-d2	2.568	63	168632	37.478	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 74.960%		
21) 2-Butanone-d5	4.629	46	198681	94.123	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 94.120%		
24) Chloroform-d	5.067	84	231494	51.445	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 102.880%		
26) 1,2-Dichloroethane-d4	5.703	65	148020	53.633	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 107.260%		
32) Benzene-d6	5.729	84	472978	52.027	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 104.060%		
36) 1,2-Dichloropropane-d6	6.694	67	151742	54.351	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 108.700%		
41) Toluene-d8	7.899	98	420214	47.443	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 94.880%		
43) trans-1,3-Dichloroprop...	8.179	79	64456	45.570	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 91.140%		
47) 2-Hexanone-d5	8.636	63	146287	89.506	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 89.510%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	226295	47.229	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 94.460%		
66) 1,2-Dichlorobenzene-d4	12.195	152	178650	53.413	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 106.820%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1658	0.663	ug/L #	18
12) 1,1-Dichloroethene	2.572	96	1273	0.547	ug/L #	1
37) 1,2-Dichloropropane	6.690	63	16074	6.046	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	3852	0.934	ug/L #	70
60) 1,2,3-Trichloropropane	11.812	75	19690	5.556	ug/L #	66

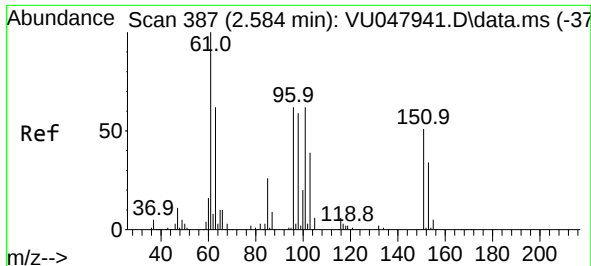
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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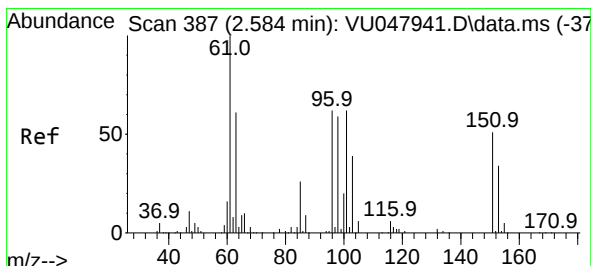
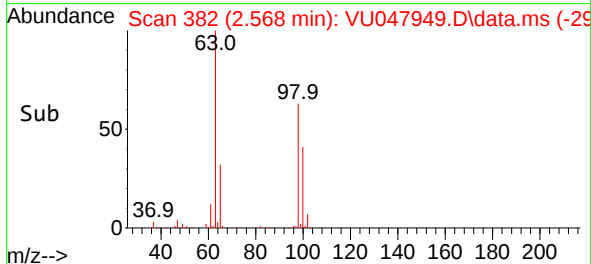
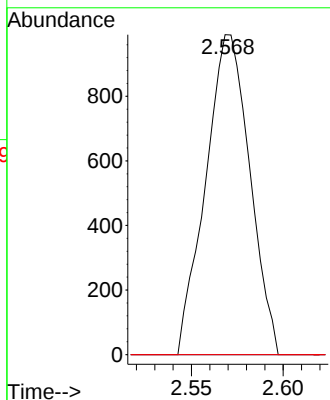
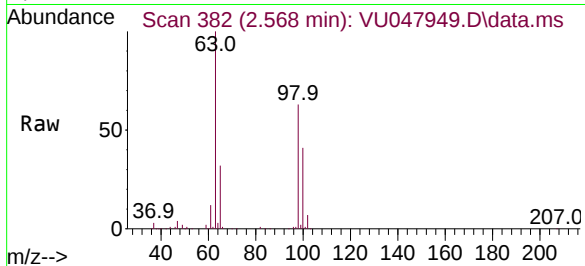




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.663 ug/L
RT: 2.568 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU047949.D
Acq: 12 Apr 2022 12:46

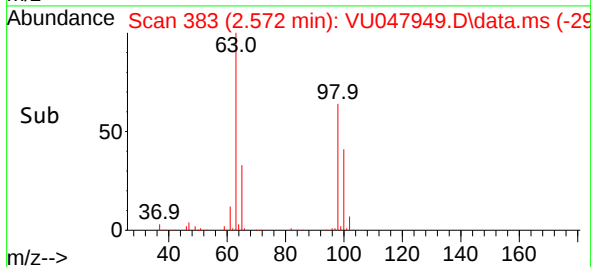
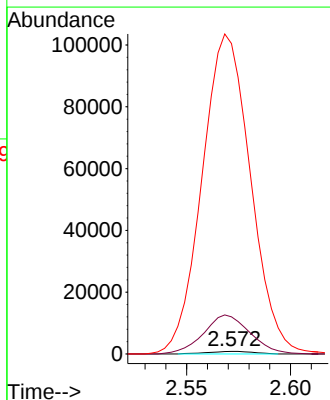
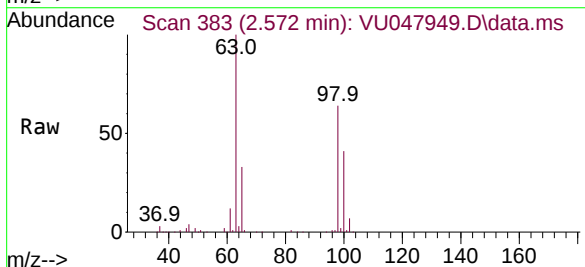
Instrument :
MSVOA_U
ClientSampleId :

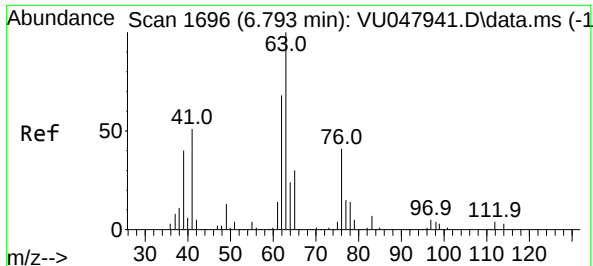
Tgt Ion:101 Resp: 1658
Ion Ratio Lower Upper
101 100
85 0.0 32.8 49.2#
151 0.0 63.0 94.6#



#12
1,1-Dichloroethene
Concen: 0.547 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU047949.D
Acq: 12 Apr 2022 12:46

Tgt Ion: 96 Resp: 1273
Ion Ratio Lower Upper
96 100
61 1423.9 113.1 210.1#
63 11892.1 94.8 176.0#





#37

1,2-Dichloropropane

Concen: 6.046 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU047949.D

Acq: 12 Apr 2022 12:46

Instrument :

MSVOA_U

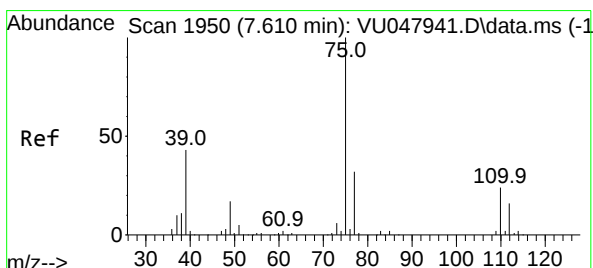
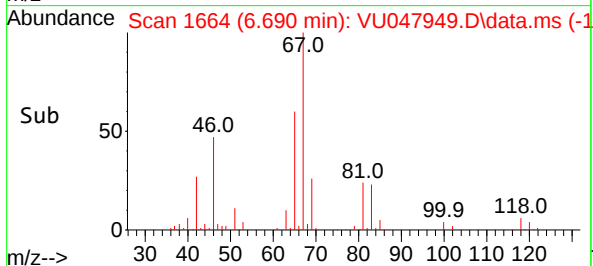
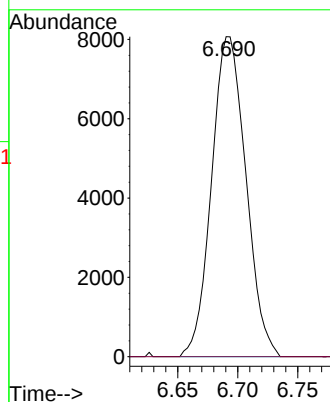
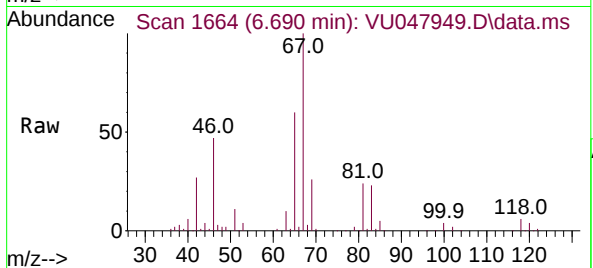
ClientSampleId :

Tgt Ion: 63 Resp: 16074

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.934 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU047949.D

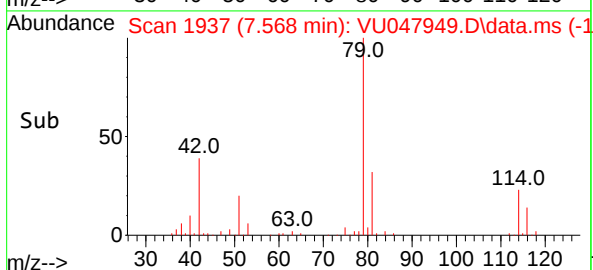
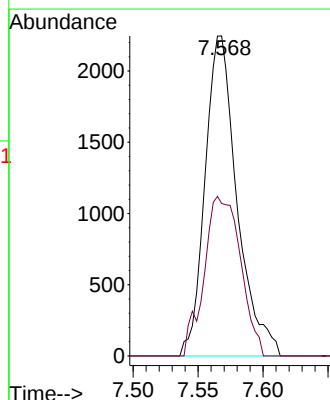
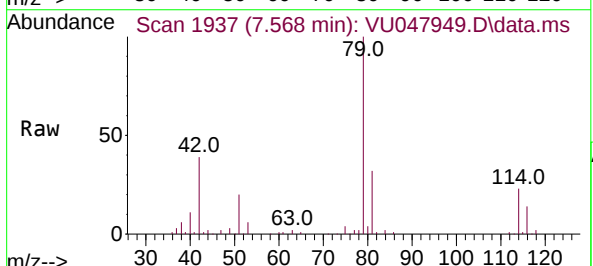
Acq: 12 Apr 2022 12:46

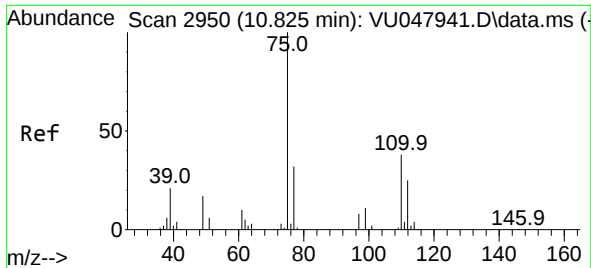
Tgt Ion: 75 Resp: 3852

Ion Ratio Lower Upper

75 100

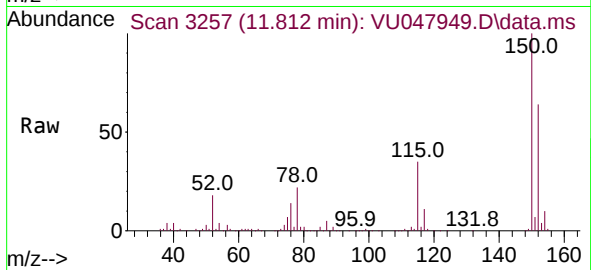
77 47.6 21.8 40.6#





#60
 1,2,3-Trichloropropane
 Concen: 5.556 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU047949.D
 Acq: 12 Apr 2022 12:46

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 19690
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.0 39.0
 110 2.3 31.4 47.2#

