

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042322\
 Data File : VU048241.D
 Acq On : 23 Apr 2022 13:13
 Operator : SY/MD
 Sample : VU0422WBL02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Quant Time: Apr 25 01:25:06 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

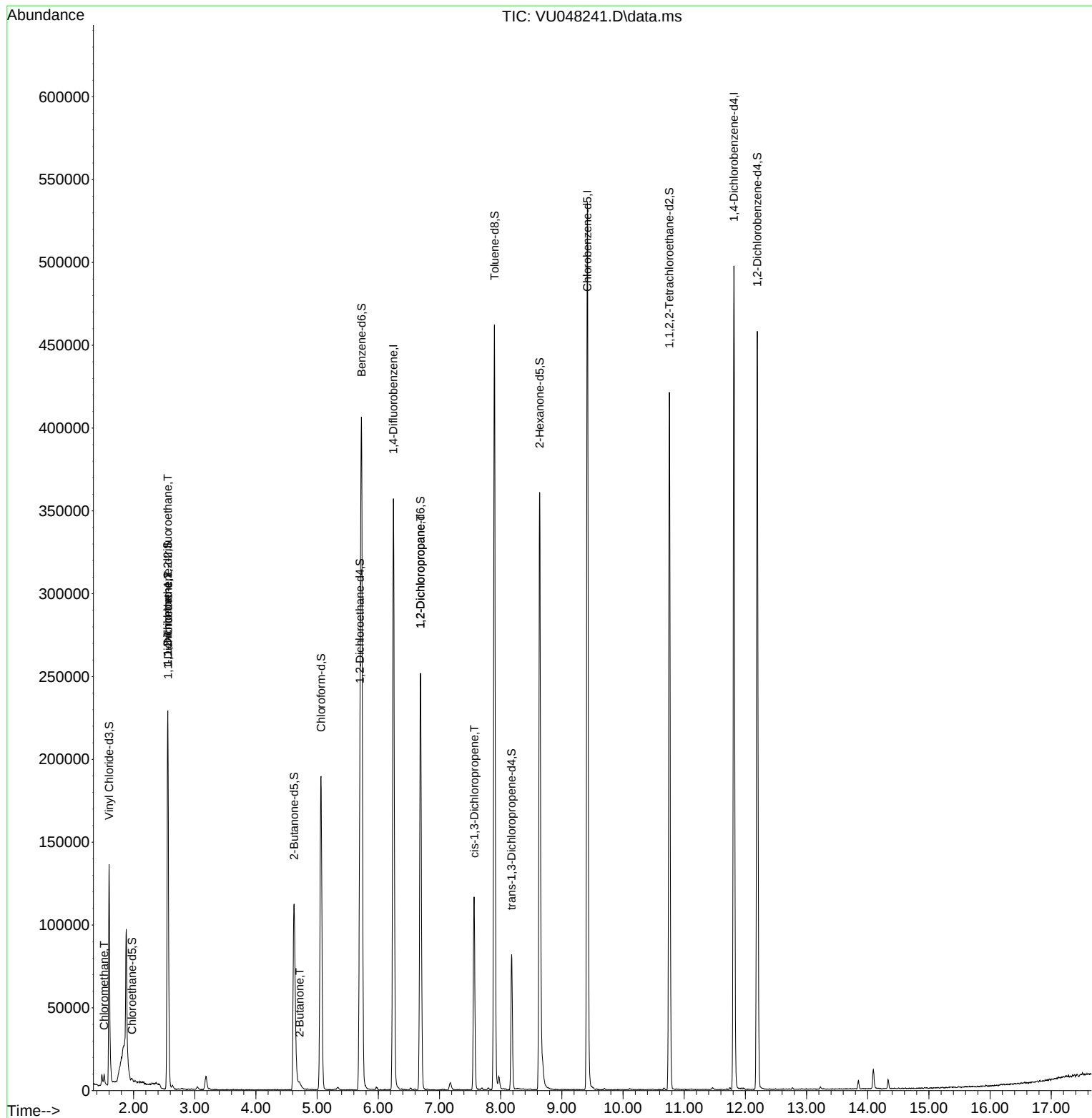
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

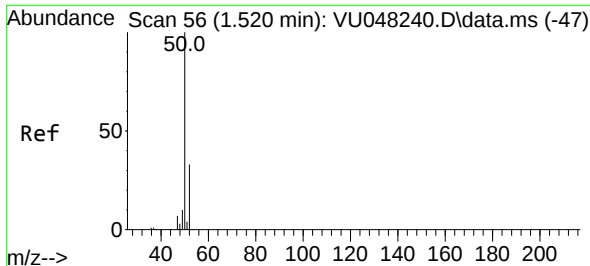
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	303130	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	315496	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	145357	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	108593	49.401	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.800%		
7) Chloroethane-d5	1.974	69	2241	1.293	ug/L	0.09
Spiked Amount 50.000	Range 70 - 130		Recovery =	2.580%#		
11) 1,1-Dichloroethene-d2	2.559	63	134536	33.452	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.900%		
21) 2-Butanone-d5	4.623	46	172244	91.291	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.290%		
24) Chloroform-d	5.063	84	180037	44.762	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.520%		
26) 1,2-Dichloroethane-d4	5.700	65	117390	47.587	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.180%		
32) Benzene-d6	5.726	84	386095	48.634	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.260%		
36) 1,2-Dichloropropane-d6	6.690	67	125962	51.665	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	103.320%		
41) Toluene-d8	7.899	98	315484	40.788	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.580%		
43) trans-1,3-Dichloroprop...	8.179	79	47124	38.152	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.300%		
47) 2-Hexanone-d5	8.636	63	128445	89.995	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.000%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	213698	51.073	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.140%		
66) 1,2-Dichlorobenzene-d4	12.195	152	129335	50.013	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.020%		
Target Compounds						Qvalue
3) Chloromethane	1.520	50	4440	1.652	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1433	0.641	ug/L #	18
12) 1,1-Dichloroethene	2.562	96	1252	0.602	ug/L #	1
22) 2-Butanone	4.713	43	6397	2.828	ug/L	73
37) 1,2-Dichloropropane	6.690	63	12549	5.406	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	2574	0.715	ug/L #	75

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

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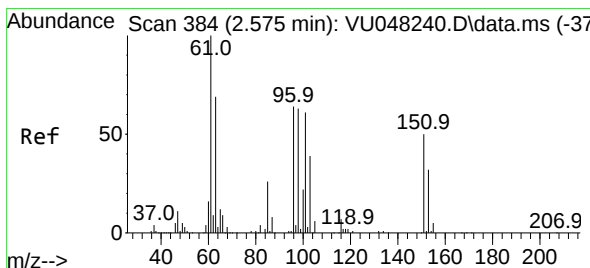
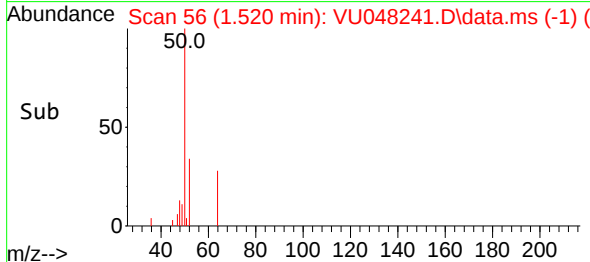
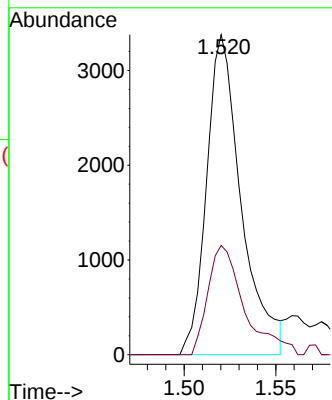
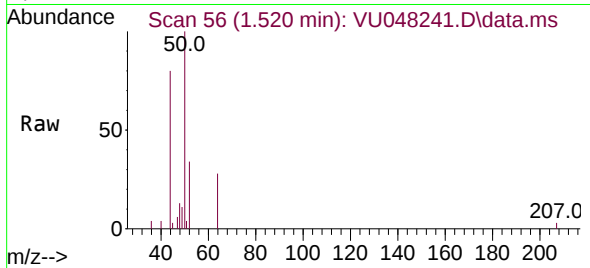
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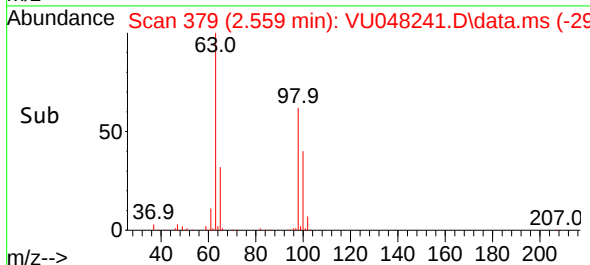
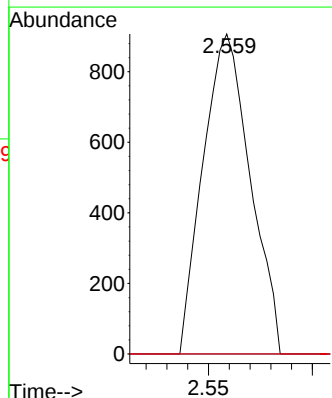
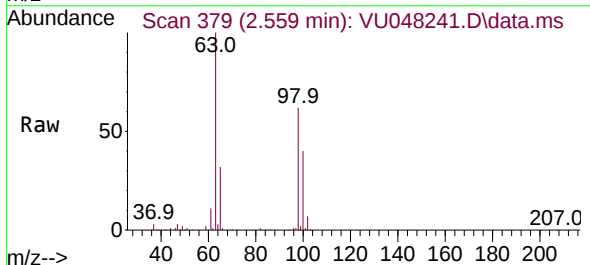
#3
Chloromethane
Concen: 1.652 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
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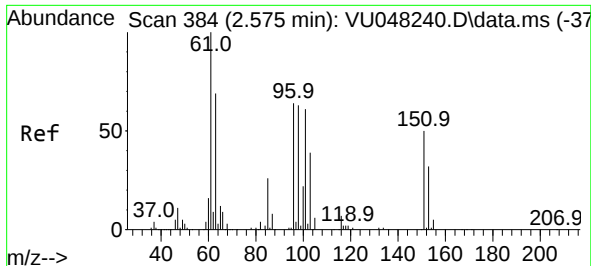
Tgt Ion: 50 Resp: 4440
Ion Ratio Lower Upper
50 100
52 34.2 23.2 43.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.641 ug/L
RT: 2.559 min Scan# 379
Delta R.T. -0.016 min
Lab File: VU048241.D
Acq: 23 Apr 2022 13:13

Tgt Ion: 101 Resp: 1433
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: 0.602 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.013 min

Lab File: VU048241.D

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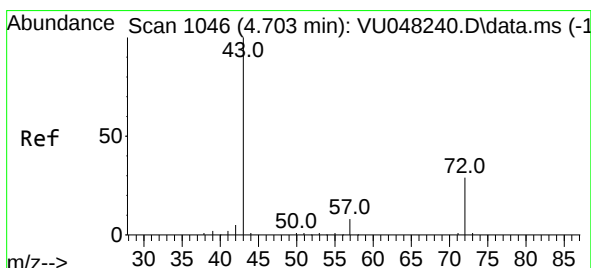
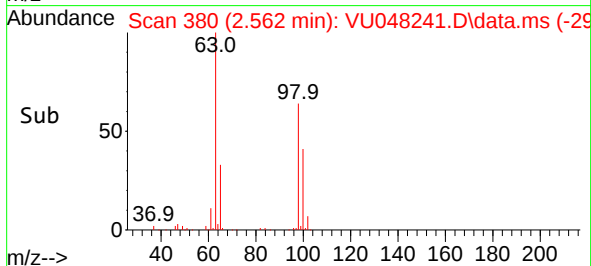
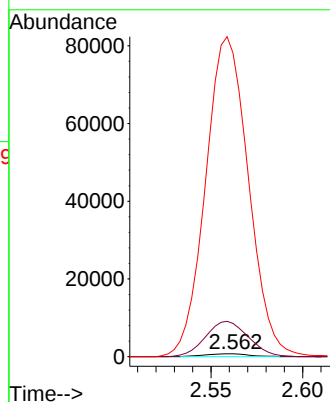
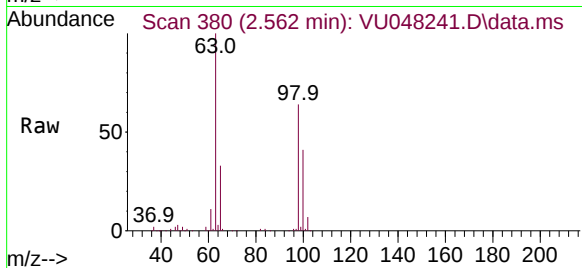
Tgt Ion: 96 Resp: 1252

Ion Ratio Lower Upper

96 100

61 1161.1 113.1 210.1#

63 10590.8 94.8 176.0#



#22

2-Butanone

Concen: 2.828 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. 0.010 min

Lab File: VU048241.D

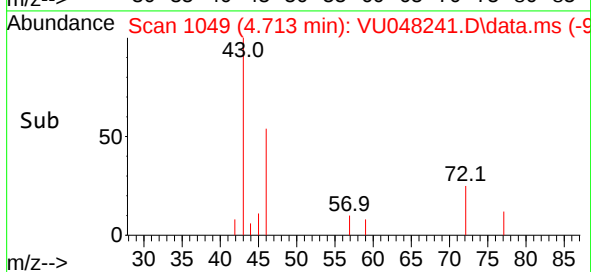
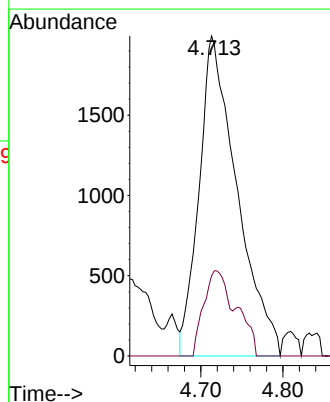
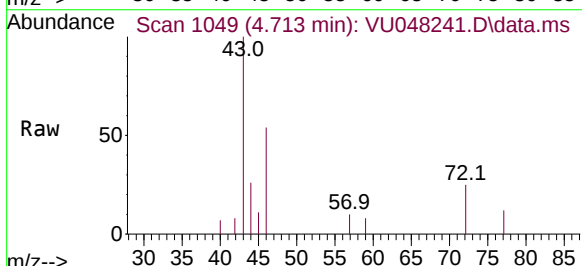
Acq: 23 Apr 2022 13:13

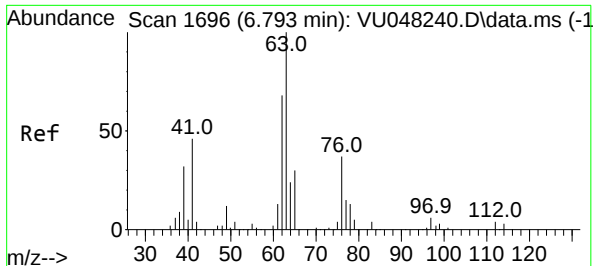
Tgt Ion: 43 Resp: 6397

Ion Ratio Lower Upper

43 100

72 17.1 16.0 47.9





#37

1,2-Dichloropropane

Concen: 5.406 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU048241.D

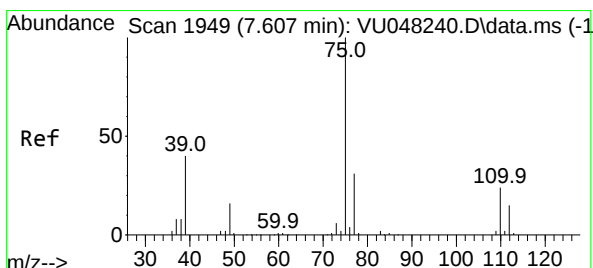
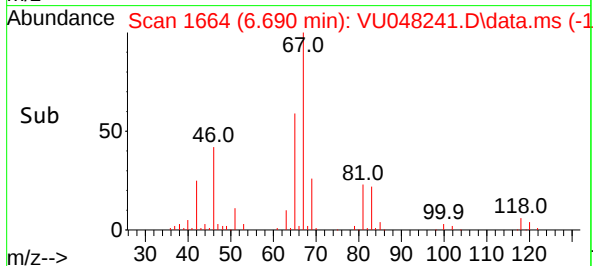
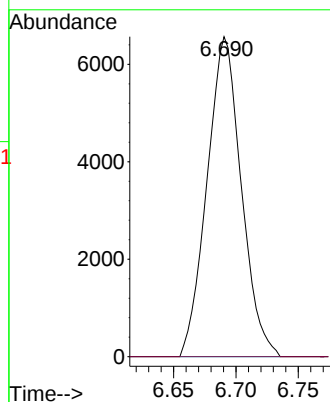
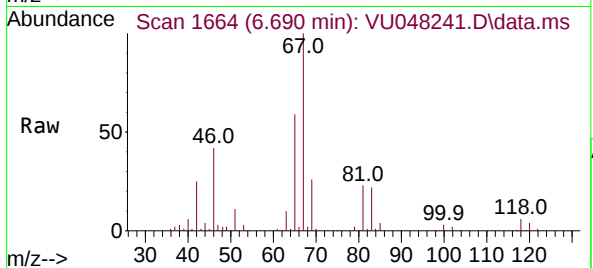
Acq: 23 Apr 2022 13:13

Tgt Ion: 63 Resp: 12549

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.715 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.038 min

Lab File: VU048241.D

Acq: 23 Apr 2022 13:13

Tgt Ion: 75 Resp: 2574

Ion Ratio Lower Upper

75 100

77 44.9 21.8 40.6#

