

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051222\
 Data File : VU048537.D
 Acq On : 12 May 2022 13:29
 Operator : SY/MD
 Sample : N2801-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 13 03:58:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 13 03:54:05 2022
 Response via : Initial Calibration

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

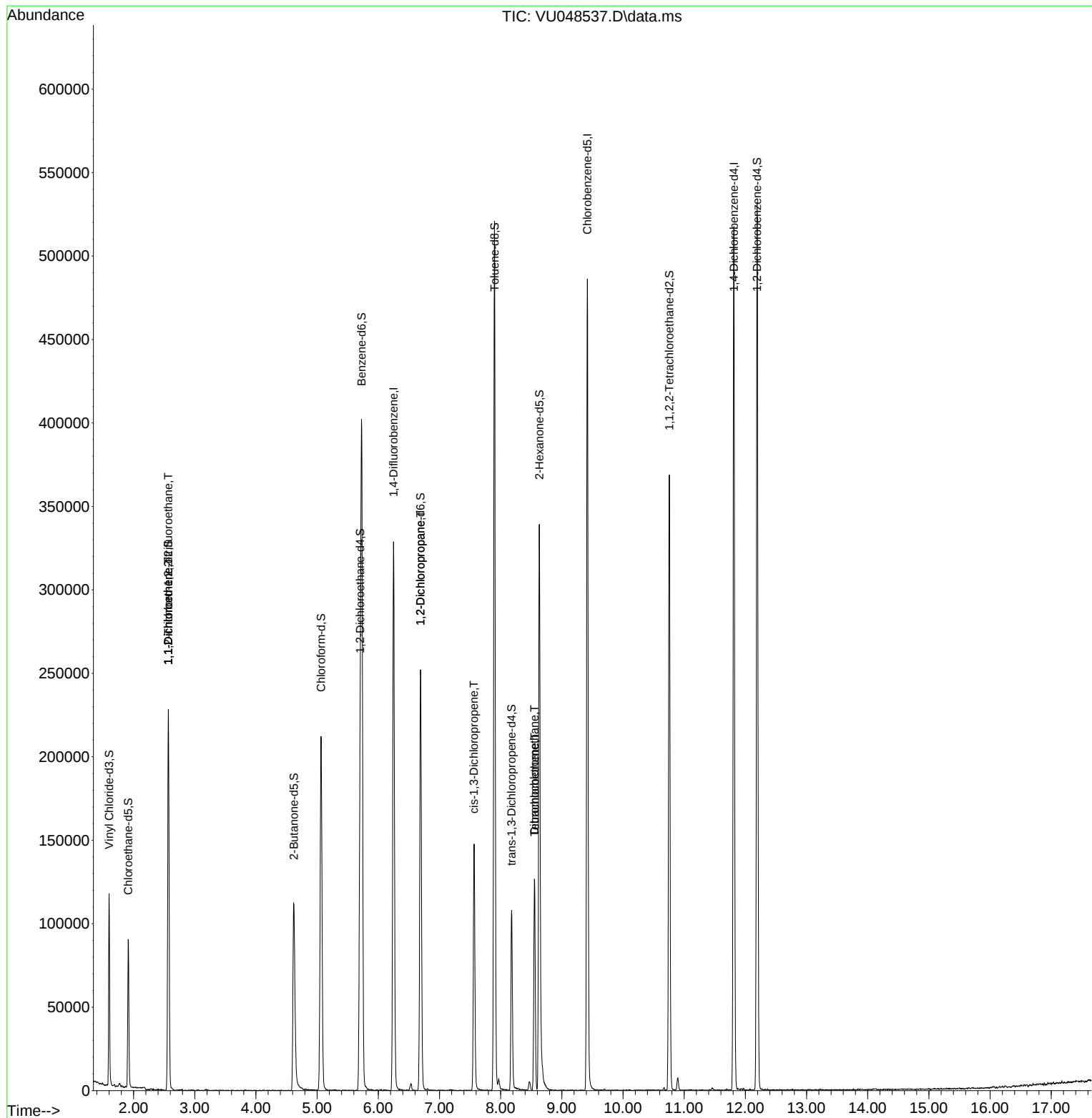
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	264319	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	265412	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	138064	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	80233	35.246	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.500%
7) Chloroethane-d5	1.913	69	62540	42.096	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.200%
11) 1,1-Dichloroethene-d2	2.568	63	132797	32.779	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.560%
21) 2-Butanone-d5	4.620	46	159887	82.474	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.470%
24) Chloroform-d	5.064	84	198905	50.306	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.620%
26) 1,2-Dichloroethane-d4	5.703	65	143840	55.965	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.920%
32) Benzene-d6	5.729	84	363685	45.092	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.180%
36) 1,2-Dichloropropane-d6	6.690	67	112145	42.639	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.280%
41) Toluene-d8	7.899	98	338700	47.483	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.960%
43) trans-1,3-Dichloroprop...	8.179	79	62392	51.541	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.080%
47) 2-Hexanone-d5	8.632	63	116548	91.555	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.560%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	173618	43.337	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.680%
66) 1,2-Dichlorobenzene-d4	12.192	152	141686	51.826	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.660%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1175	0.600	ug/L #	19
12) 1,1-Dichloroethene	2.568	96	1062	0.573	ug/L #	1
37) 1,2-Dichloropropane	6.690	63	13061	5.121	ug/L #	88
39) cis-1,3-Dichloropropene	7.562	75	4047	1.116	ug/L	86
46) Tetrachloroethene	8.555	164	29457	17.456	ug/L	93
49) Dibromochloromethane	8.552	129	26612	10.743	ug/L #	10

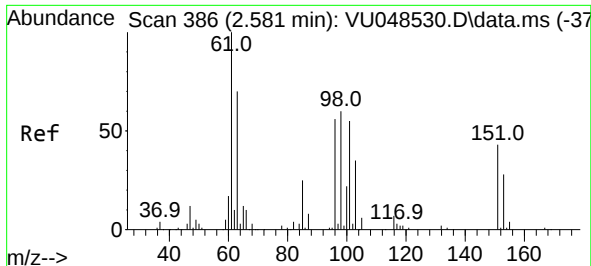
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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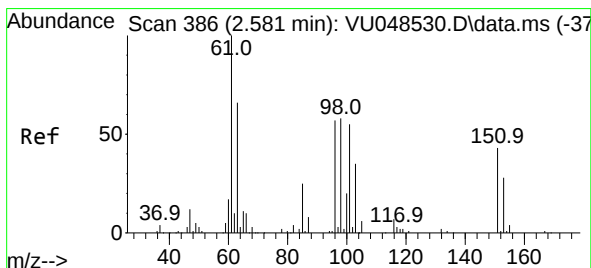
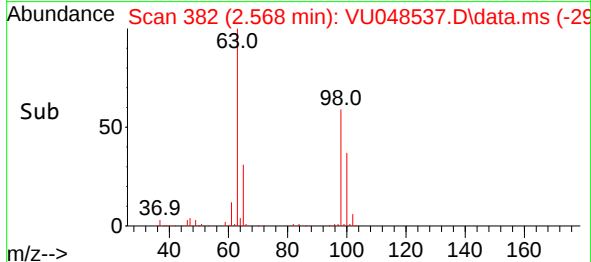
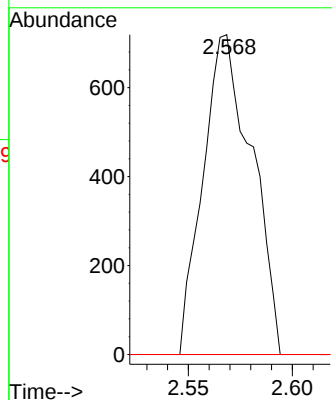
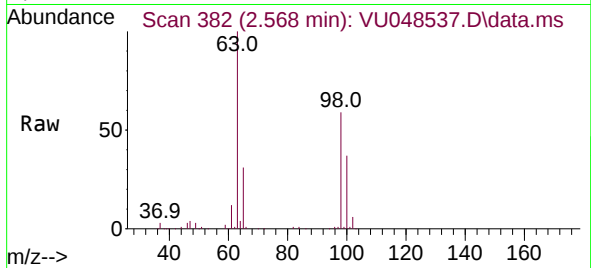




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.600 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU048537.D
 Acq: 12 May 2022 13:29

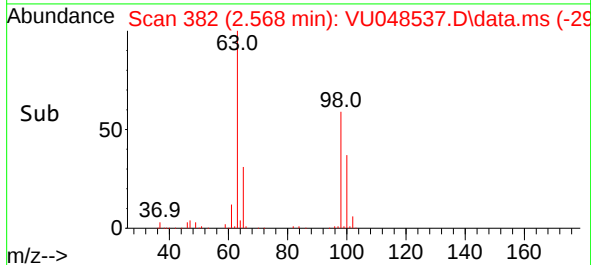
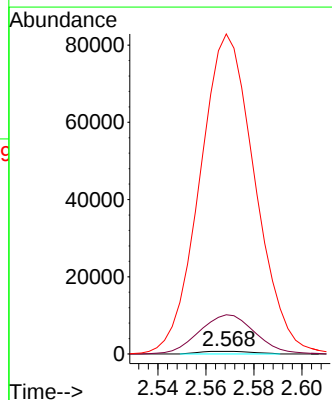
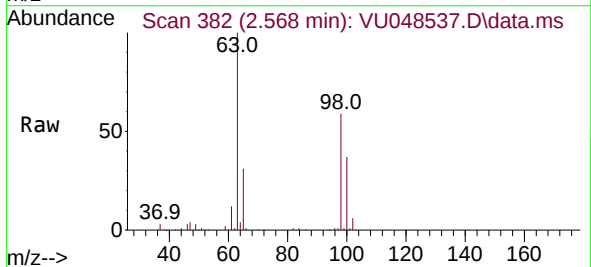
Instrument :
 MSVOA_U
 ClientSampleId :

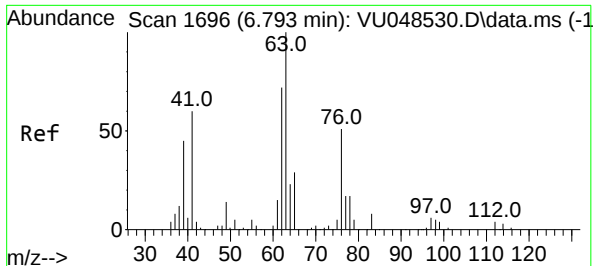
Tgt Ion:101 Resp: 1175
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.8 52.2#
 151 0.0 60.7 91.1#



#12
 1,1-Dichloroethene
 Concen: 0.573 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU048537.D
 Acq: 12 May 2022 13:29

Tgt Ion: 96 Resp: 1062
 Ion Ratio Lower Upper
 96 100
 61 1488.4 124.5 231.3#
 63 12137.0 92.5 171.9#





#37

1,2-Dichloropropane

Concen: 5.121 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048537.D

Acq: 12 May 2022 13:29

Instrument :

MSVOA_U

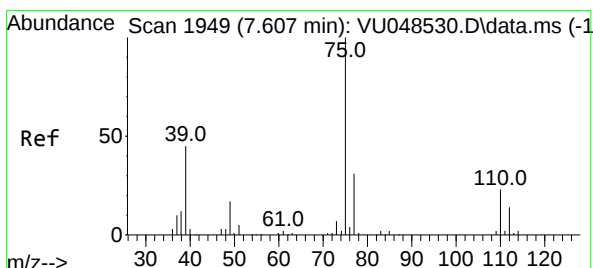
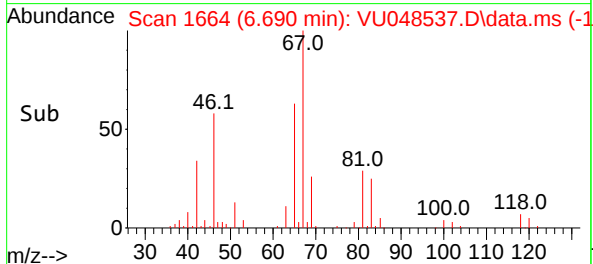
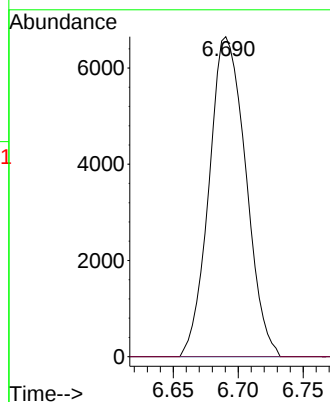
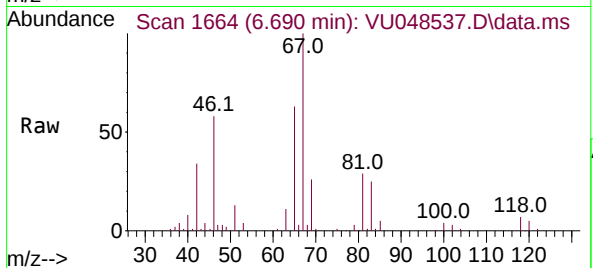
ClientSampleId :

Tgt Ion: 63 Resp: 13061

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#39

cis-1,3-Dichloropropene

Concen: 1.116 ug/L

RT: 7.562 min Scan# 1935

Delta R.T. -0.045 min

Lab File: VU048537.D

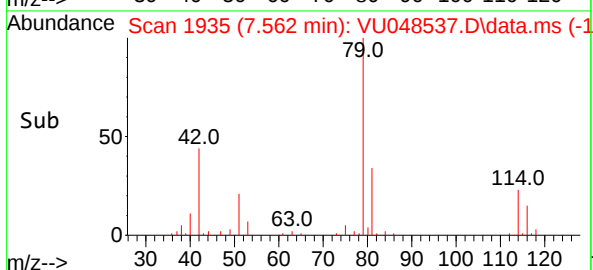
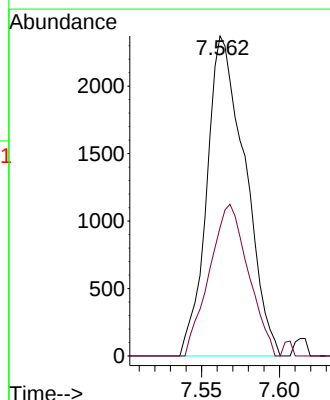
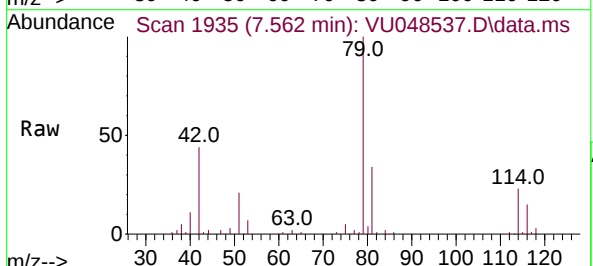
Acq: 12 May 2022 13:29

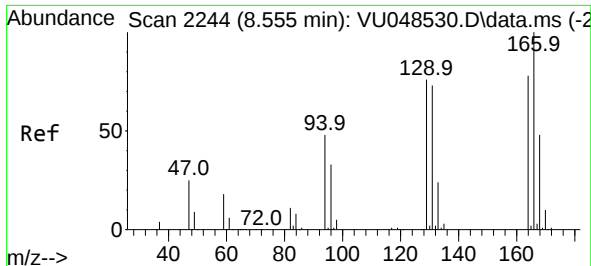
Tgt Ion: 75 Resp: 4047

Ion Ratio Lower Upper

75 100

77 40.1 22.5 41.9

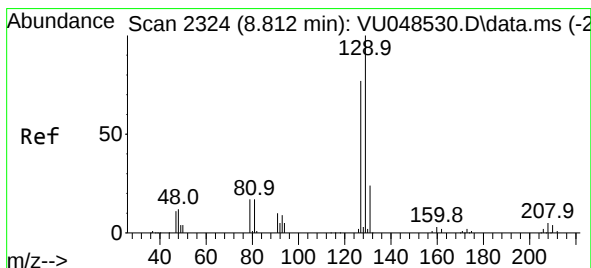
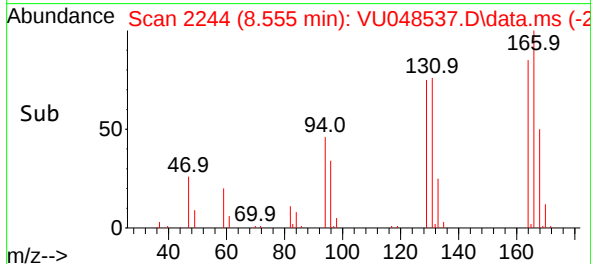
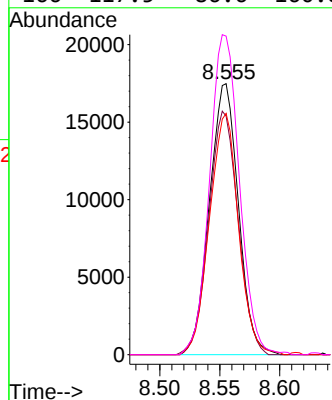
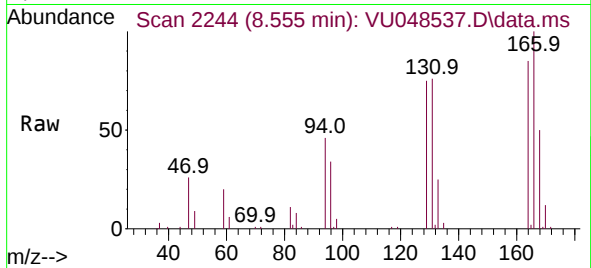




#46
Tetrachloroethene
Concen: 17.456 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048537.D
Acq: 12 May 2022 13:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 29457
Ion Ratio Lower Upper
164 100
129 88.0 69.2 128.6
131 89.0 65.2 121.0
166 117.5 86.6 160.8



#49
Dibromochloromethane
Concen: 10.743 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.260 min
Lab File: VU048537.D
Acq: 12 May 2022 13:29

Tgt Ion:129 Resp: 26612
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.4#

