

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051622\
 Data File : VU048584.D
 Acq On : 16 May 2022 16:24
 Operator : SY/MD
 Sample : N2790-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: May 17 07:01:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 17 06:52:50 2022
 Response via : Initial Calibration

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

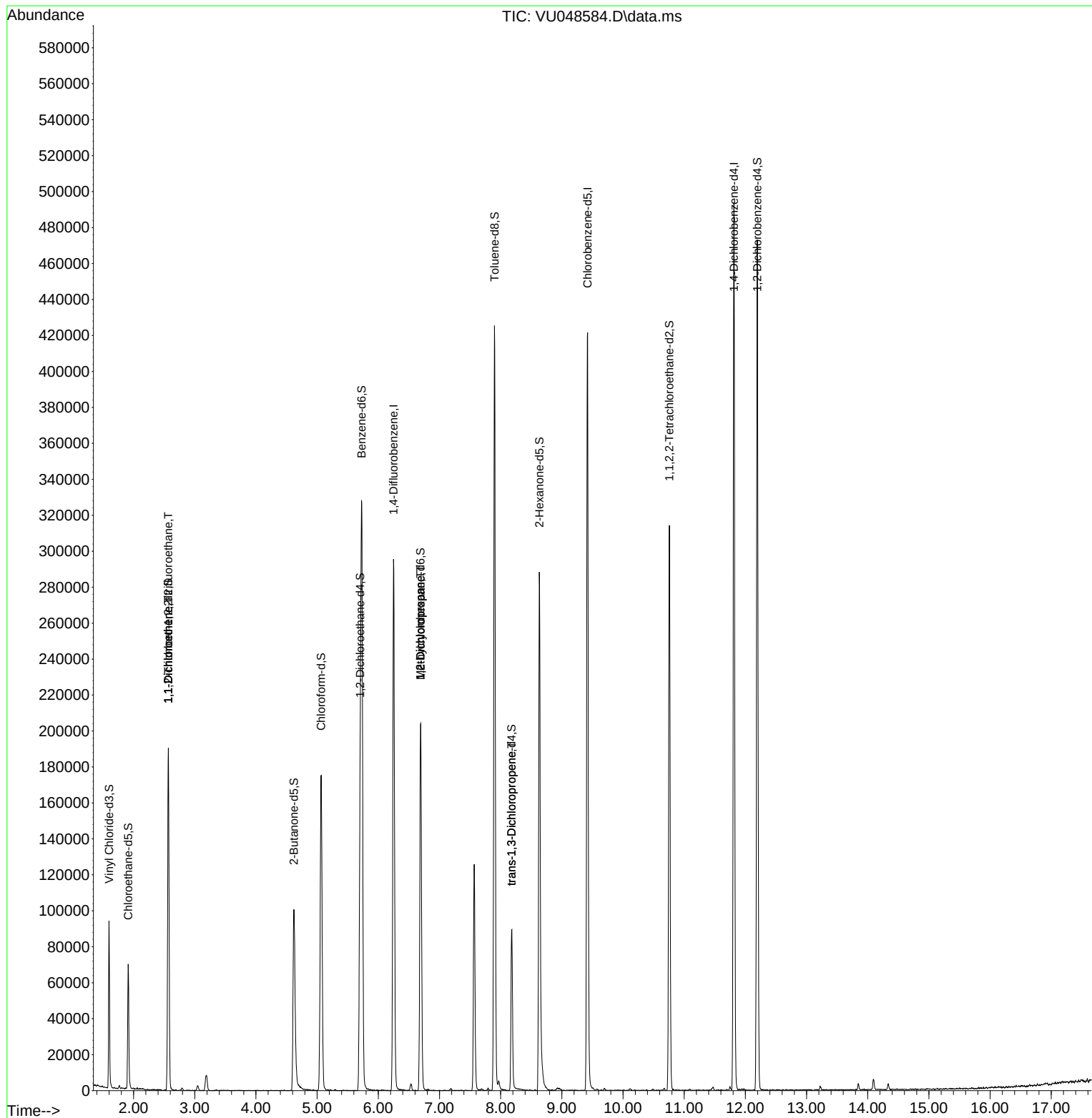
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	238293	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	238756	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	135831	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	63234	43.325	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.660%
7) Chloroethane-d5	1.912	69	49465	45.237	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.480%
11) 1,1-Dichloroethene-d2	2.568	63	111274	33.711	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.420%
21) 2-Butanone-d5	4.620	46	130889	94.238	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.240%
24) Chloroform-d	5.067	84	167215	45.338	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.680%
26) 1,2-Dichloroethane-d4	5.703	65	125032	48.052	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.100%
32) Benzene-d6	5.729	84	299389	45.056	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.120%
36) 1,2-Dichloropropane-d6	6.690	67	88616	45.428	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.860%
41) Toluene-d8	7.899	98	280446	44.871	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.740%
43) trans-1,3-Dichloroprop...	8.179	79	52432	42.033	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.060%
47) 2-Hexanone-d5	8.632	63	95268	89.053	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.050%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	142189	44.050	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.100%
66) 1,2-Dichlorobenzene-d4	12.195	152	126602	45.593	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.180%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1031	0.616	ug/L #	17
12) 1,1-Dichloroethene	2.568	96	909	0.586	ug/L #	1
35) Methylcyclohexane	6.690	83	23486	8.293	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	11857	6.798	ug/L #	86
44) trans-1,3-Dichloropropene	8.179	75	2563	0.816	ug/L	84

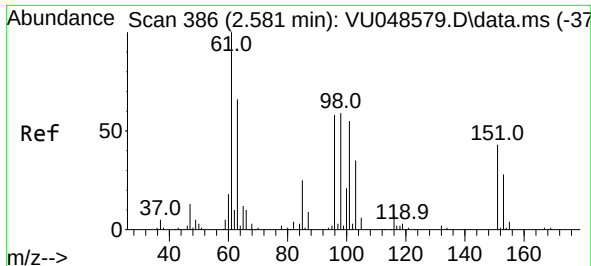
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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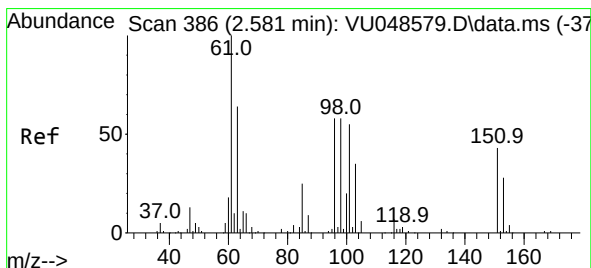
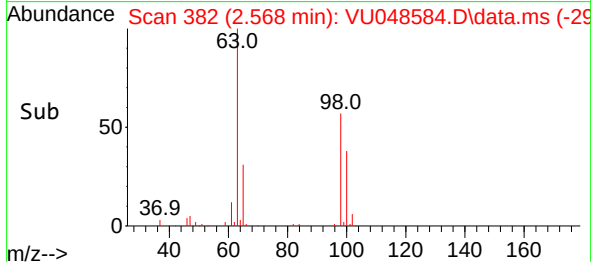
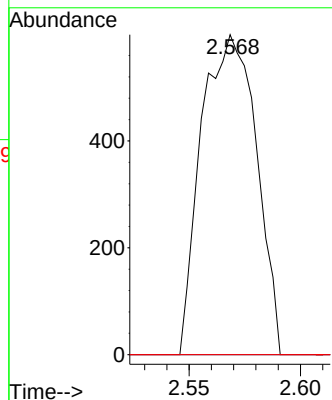
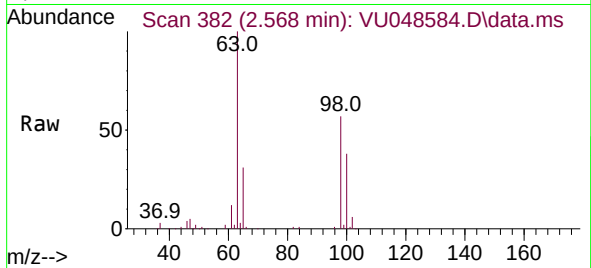




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.616 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU048584.D
 Acq: 16 May 2022 16:24

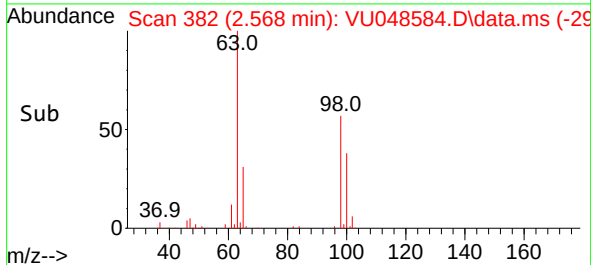
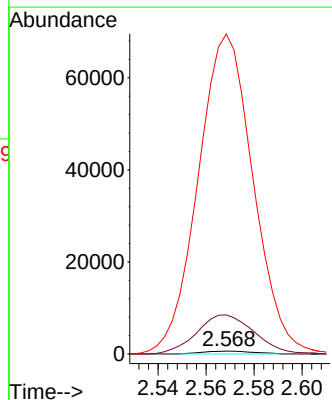
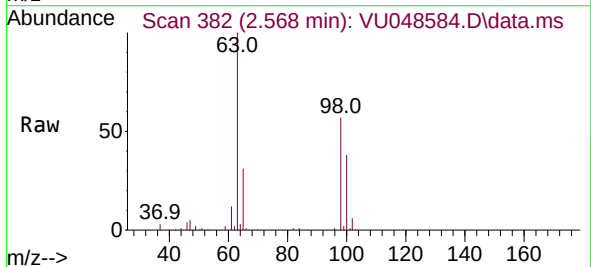
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

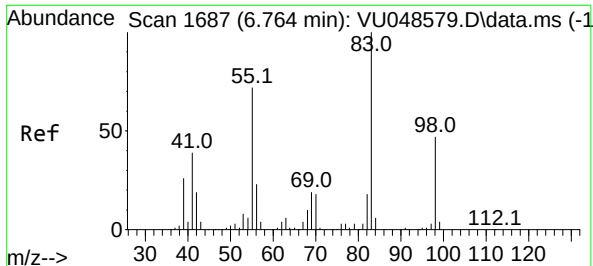
Tgt Ion:101 Resp: 1031
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.7 53.5#
 151 0.0 64.4 96.6#



#12
 1,1-Dichloroethene
 Concen: 0.586 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU048584.D
 Acq: 16 May 2022 16:24

Tgt Ion: 96 Resp: 909
 Ion Ratio Lower Upper
 96 100
 61 1383.8 120.6 224.0#
 63 11343.6 82.3 152.9#

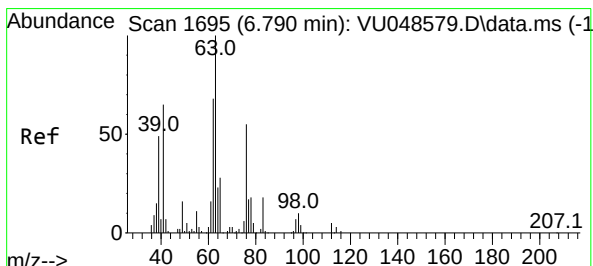
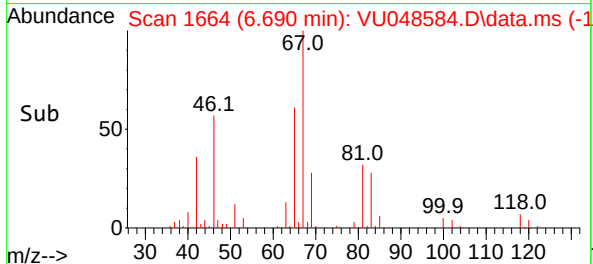
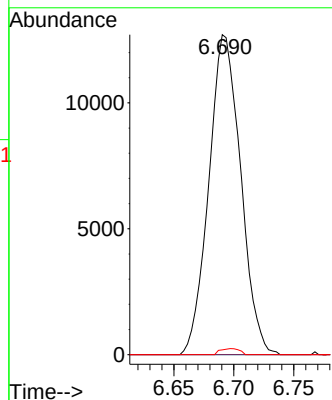
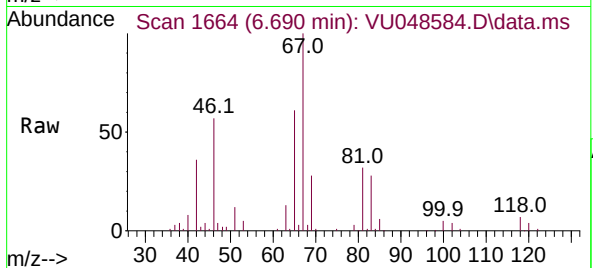




#35
Methylcyclohexane
Concen: 8.293 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU048584.D
Acq: 16 May 2022 16:24

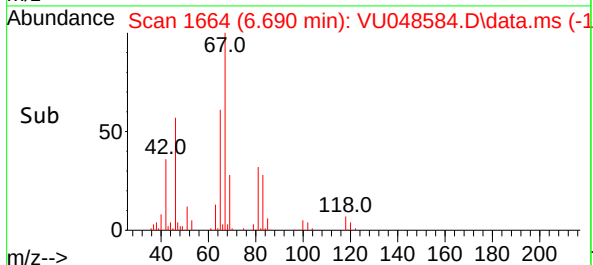
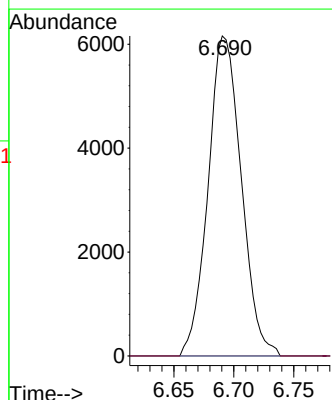
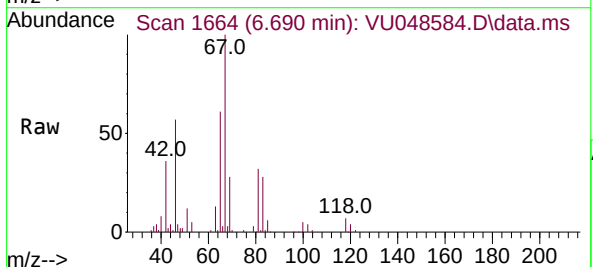
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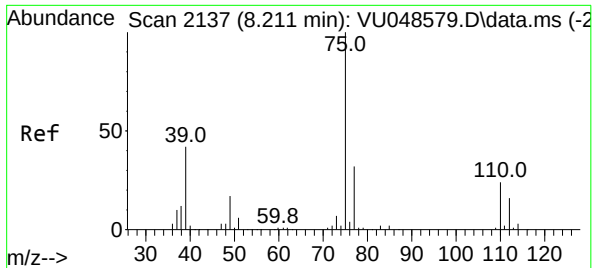
Tgt Ion: 83 Resp: 23486
Ion Ratio Lower Upper
83 100
55 0.0 56.2 84.4#
98 1.2 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 6.798 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU048584.D
Acq: 16 May 2022 16:24

Tgt Ion: 63 Resp: 11857
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#





#44
 trans-1,3-Dichloropropene
 Concen: 0.816 ug/L
 RT: 8.179 min Scan# 21
 Delta R.T. -0.032 min
 Lab File: VU048584.D
 Acq: 16 May 2022 16:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Tgt Ion: 75 Resp: 2563
 Ion Ratio Lower Upper
 75 100
 77 41.6 22.7 42.1

