

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051622\
 Data File : VU048588.D
 Acq On : 16 May 2022 18:24
 Operator : SY/MD
 Sample : N2848-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK002

Quant Time: May 17 07:01:46 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)

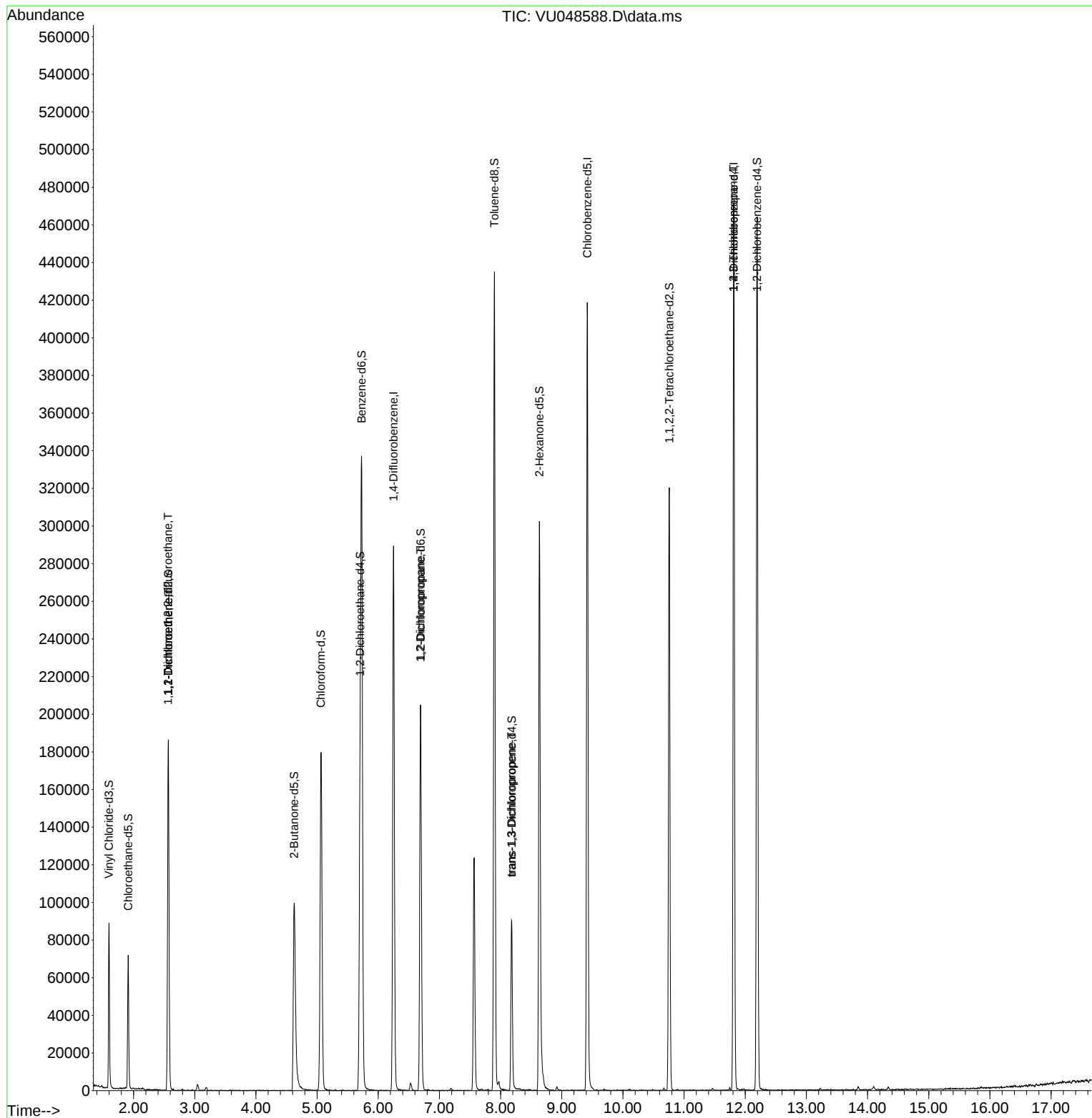
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	234843	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	238297	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	126537	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	61529	42.776	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.560%
7) Chloroethane-d5	1.912	69	47016	43.629	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.260%
11) 1,1-Dichloroethene-d2	2.568	63	109590	33.689	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.380%
21) 2-Butanone-d5	4.626	46	140283	102.485	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.480%
24) Chloroform-d	5.063	84	169021	46.501	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.703	65	125891	49.093	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.180%
32) Benzene-d6	5.729	84	301645	45.483	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.960%
36) 1,2-Dichloropropane-d6	6.694	67	89359	45.897	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.800%
41) Toluene-d8	7.899	98	282245	45.245	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.500%
43) trans-1,3-Dichloroprop...	8.182	79	52209	41.935	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.880%
47) 2-Hexanone-d5	8.636	63	100887	94.487	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.490%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	143922	44.673	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.340%
66) 1,2-Dichlorobenzene-d4	12.195	152	124643	48.185	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.360%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1002	0.608	ug/L #	17
12) 1,1-Dichloroethene	2.568	96	895	0.586	ug/L #	1
37) 1,2-Dichloropropane	6.690	63	10933	6.280	ug/L #	86
44) trans-1,3-Dichloropropene	8.179	75	2455	0.783	ug/L	86
60) 1,2,3-Trichloropropane	11.809	75	12152	4.842	ug/L #	63

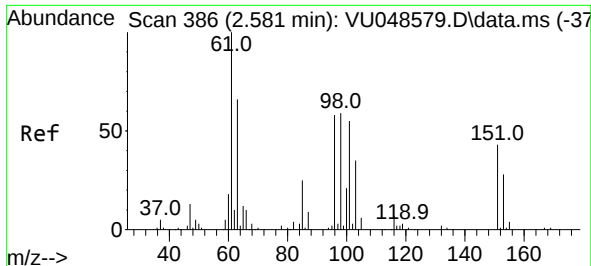
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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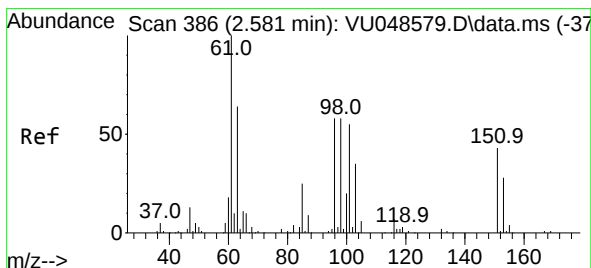
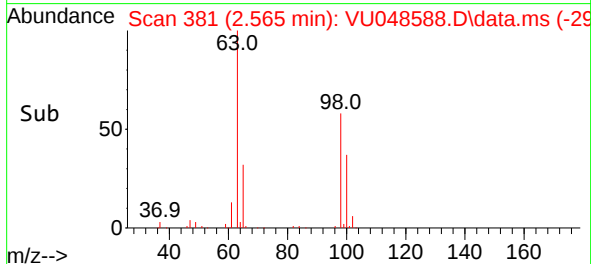
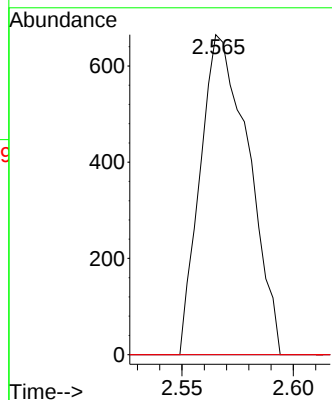
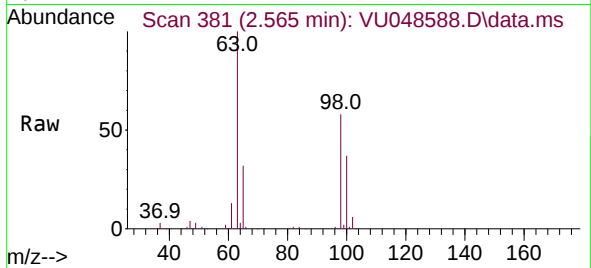




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.608 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.016 min
Lab File: VU048588.D
Acq: 16 May 2022 18:24

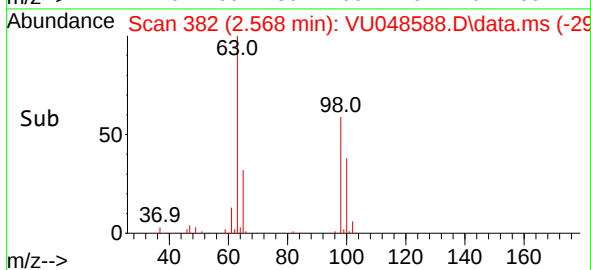
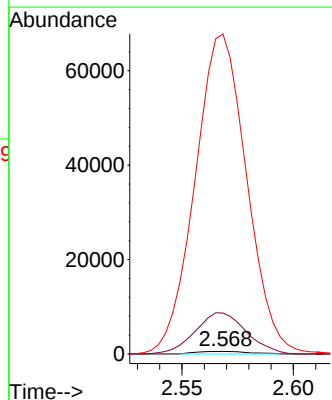
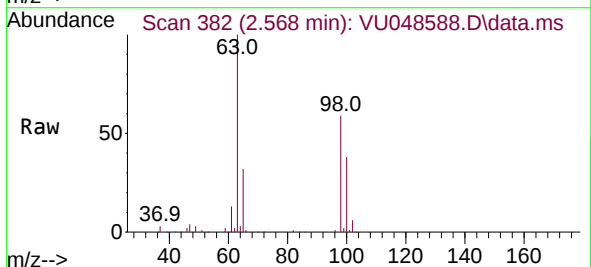
Instrument :
MSVOA_U
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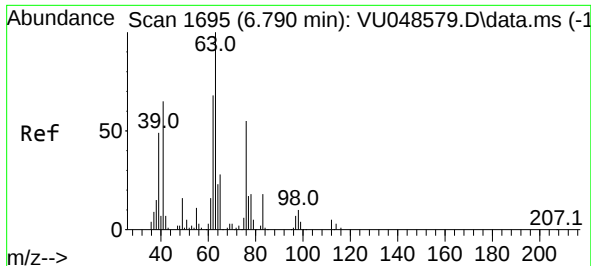
Tgt Ion:101 Resp: 1002
Ion Ratio Lower Upper
101 100
85 0.0 35.7 53.5#
151 0.0 64.4 96.6#



#12
1,1-Dichloroethene
Concen: 0.586 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU048588.D
Acq: 16 May 2022 18:24

Tgt Ion: 96 Resp: 895
Ion Ratio Lower Upper
96 100
61 1583.8 120.6 224.0#
63 12373.7 82.3 152.9#

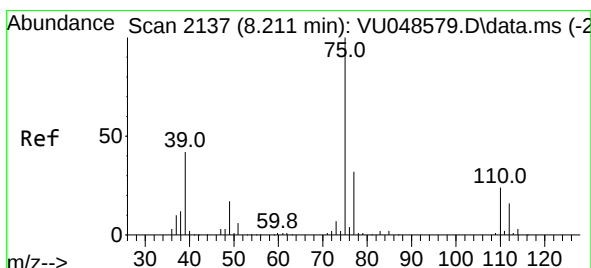
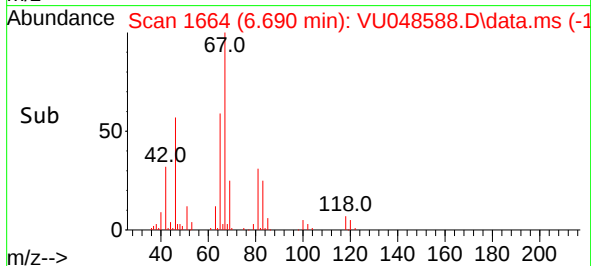
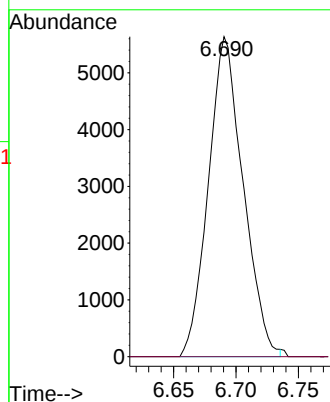
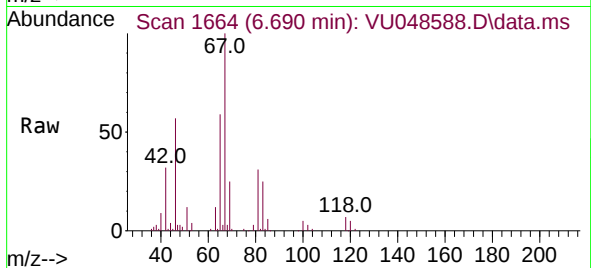




#37
1,2-Dichloropropane
Concen: 6.280 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU048588.D
Acq: 16 May 2022 18:24

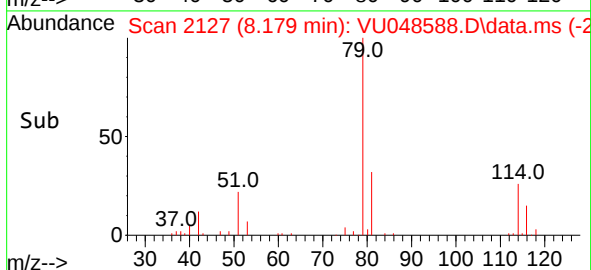
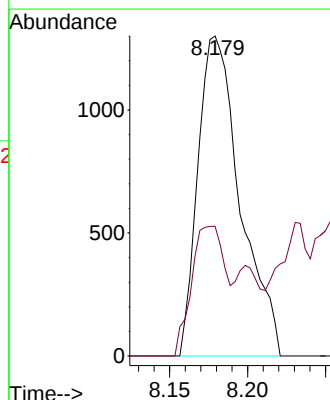
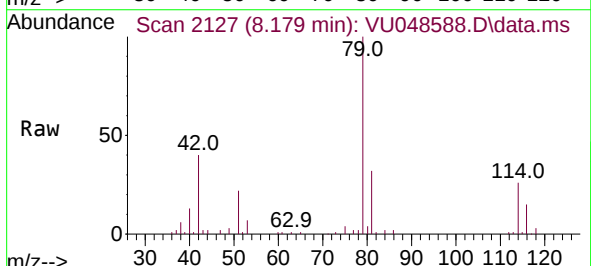
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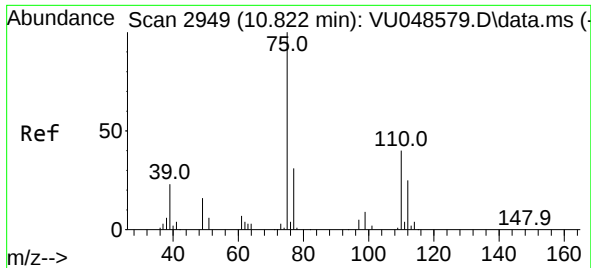
Tgt Ion: 63 Resp: 10933
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



#44
trans-1,3-Dichloropropene
Concen: 0.783 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.032 min
Lab File: VU048588.D
Acq: 16 May 2022 18:24

Tgt Ion: 75 Resp: 2455
Ion Ratio Lower Upper
75 100
77 40.5 22.7 42.1





#60
 1,2,3-Trichloropropane
 Concen: 4.842 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU048588.D
 Acq: 16 May 2022 18:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK002

Tgt Ion: 75	Resp:	12152
Ion Ratio	Lower	Upper
75	100	
77	37.3	25.4 38.0
110	3.7	32.1 48.1#

