

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071122\
 Data File : VU049674.D
 Acq On : 11 Jul 2022 14:35
 Operator : SY/MD
 Sample : PB146119TB 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VLEB119

Quant Time: Jul 12 02:33:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 12 02:23:25 2022
 Response via : Initial Calibration

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

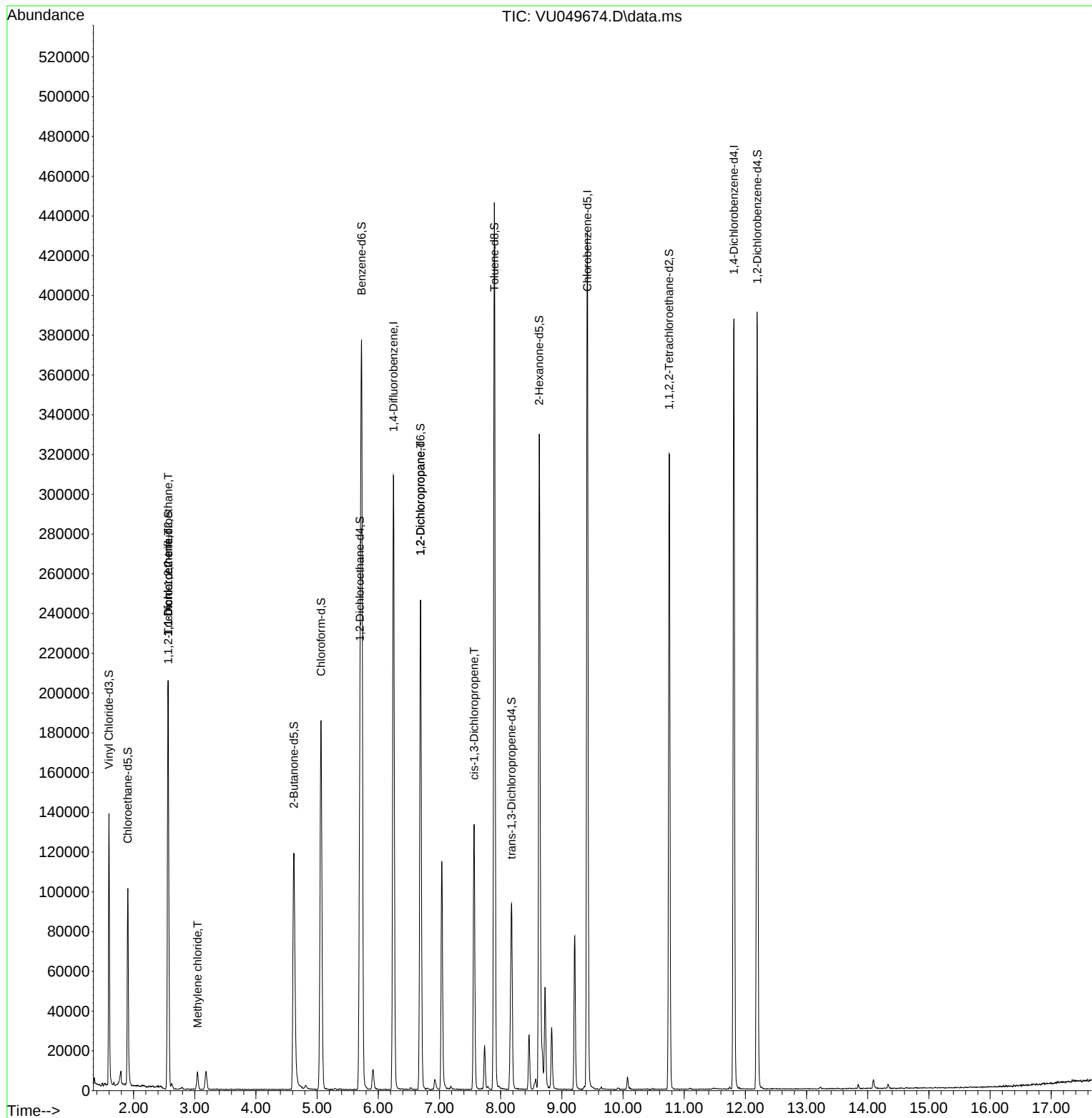
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	240774	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	222680	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	97803	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	95806	47.160	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.320%
7) Chloroethane-d5	1.906	69	71199	48.486	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.980%
11) 1,1-Dichloroethene-d2	2.565	63	125068	34.853	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.700%
21) 2-Butanone-d5	4.620	46	173351	99.958	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.960%
24) Chloroform-d	5.063	84	169184	47.020	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.040%
26) 1,2-Dichloroethane-d4	5.700	65	116586	47.875	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.740%
32) Benzene-d6	5.726	84	334751	49.483	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.960%
36) 1,2-Dichloropropane-d6	6.690	67	114235	50.203	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.400%
41) Toluene-d8	7.896	98	286571	48.643	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.280%
43) trans-1,3-Dichloroprop...	8.179	79	46988	49.012	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.020%
47) 2-Hexanone-d5	8.629	63	102111	99.761	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.760%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	156784	49.244	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.480%
66) 1,2-Dichlorobenzene-d4	12.195	152	95749	51.924	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.840%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1043	0.562	ug/L #	20
12) 1,1-Dichloroethene	2.565	96	793	0.461	ug/L #	1
16) Methylene chloride	3.044	84	3777	1.742	ug/L	96
37) 1,2-Dichloropropane	6.690	63	12643	5.450	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	3577	1.143	ug/L #	74

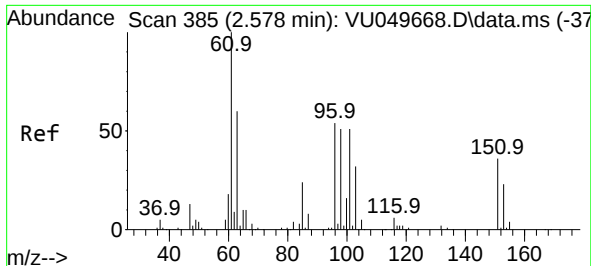
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.562 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.010 min

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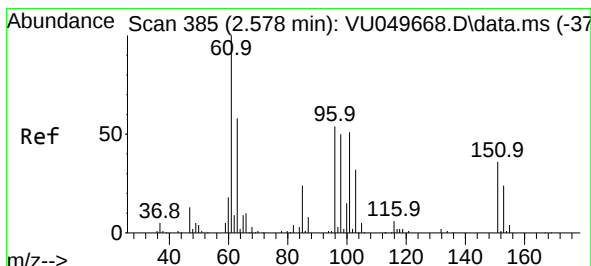
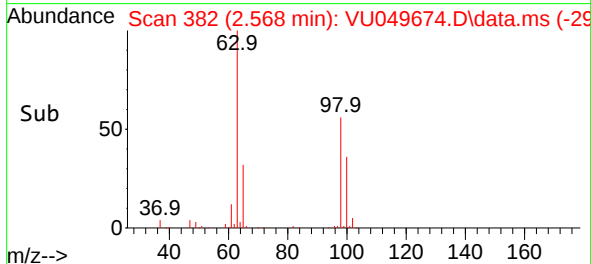
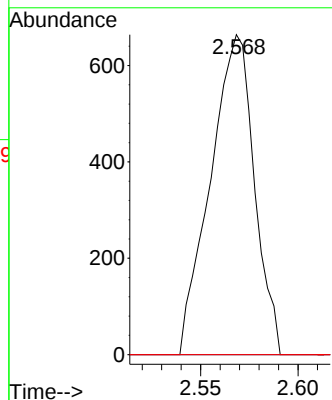
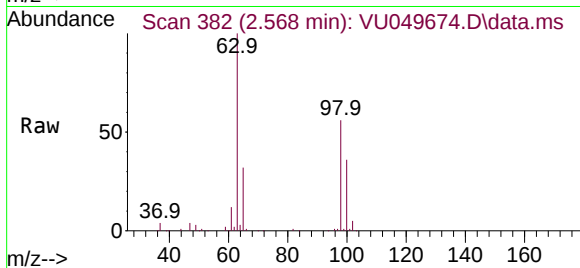
Tgt Ion:101 Resp: 1043

Ion Ratio Lower Upper

101 100

85 0.0 37.3 55.9#

151 0.0 56.9 85.3#



#12

1,1-Dichloroethene

Concen: 0.461 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU049674.D

Acq: 11 Jul 2022 14:35

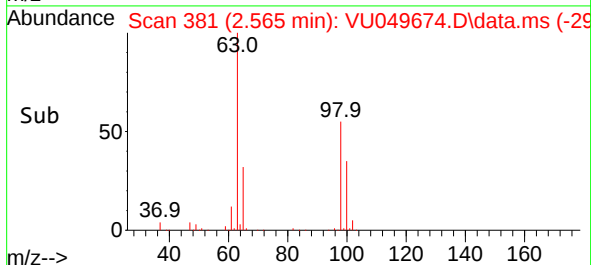
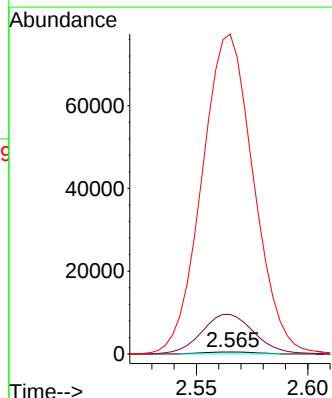
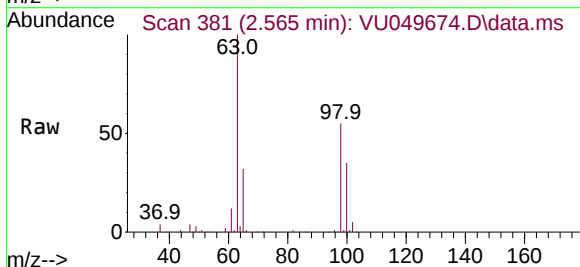
Tgt Ion: 96 Resp: 793

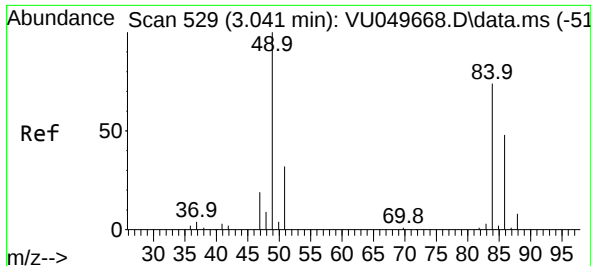
Ion Ratio Lower Upper

96 100

61 2008.8 129.6 240.6#

63 16279.6 79.0 146.6#

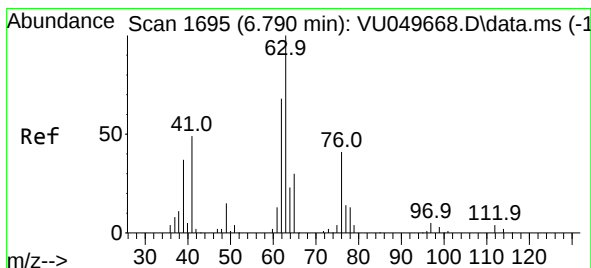
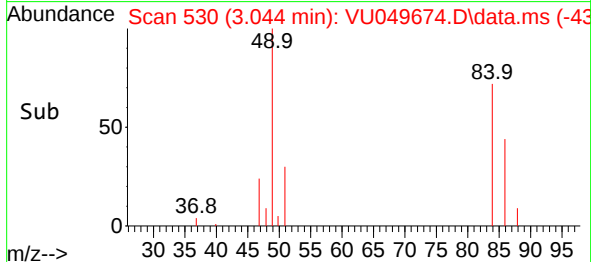
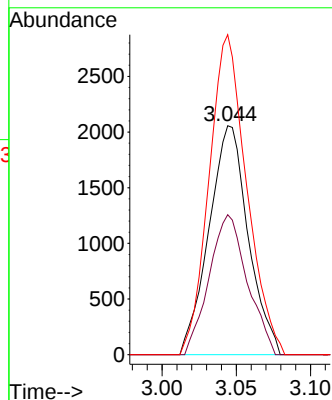
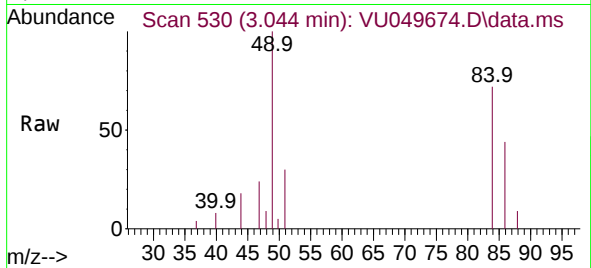




#16
Methylene chloride
Concen: 1.742 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU049674.D
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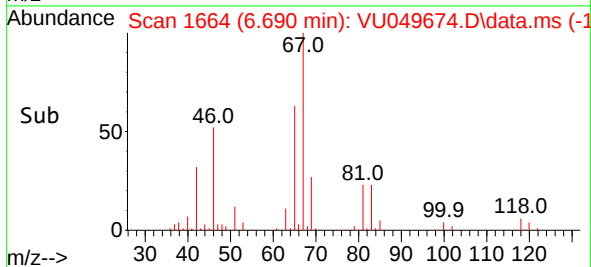
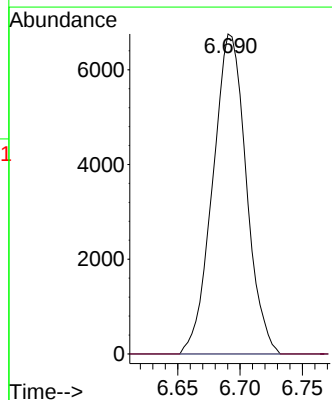
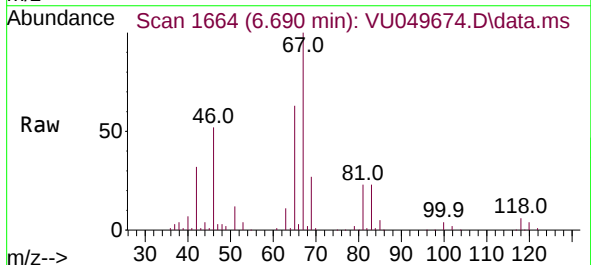
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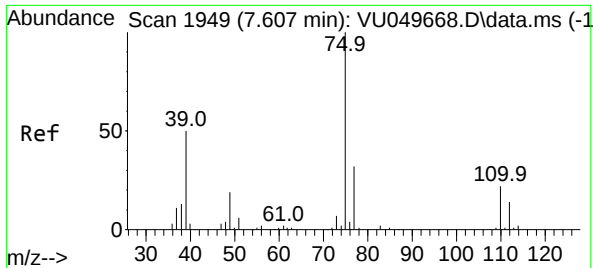
Tgt Ion: 84 Resp: 3777
Ion Ratio Lower Upper
84 100
86 61.2 45.6 84.6
49 139.8 94.4 175.4



#37
1,2-Dichloropropane
Concen: 5.450 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU049674.D
Acq: 11 Jul 2022 14:35

Tgt Ion: 63 Resp: 12643
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39
 cis-1,3-Dichloropropene
 Concen: 1.143 ug/L
 RT: 7.565 min Scan# 19
 Delta R.T. -0.042 min
 Lab File: VU049674.D
 Acq: 11 Jul 2022 14:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VLEB119

Tgt Ion: 75 Resp: 3577
 Ion Ratio Lower Upper
 75 100
 77 46.7 22.6 42.0#

