

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040323\
 Data File : VU053525.D
 Acq On : 03 Apr 2023 17:14
 Operator : JC/MD
 Sample : 02158-21
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FB(20230331)

Quant Time: Apr 04 05:18:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

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

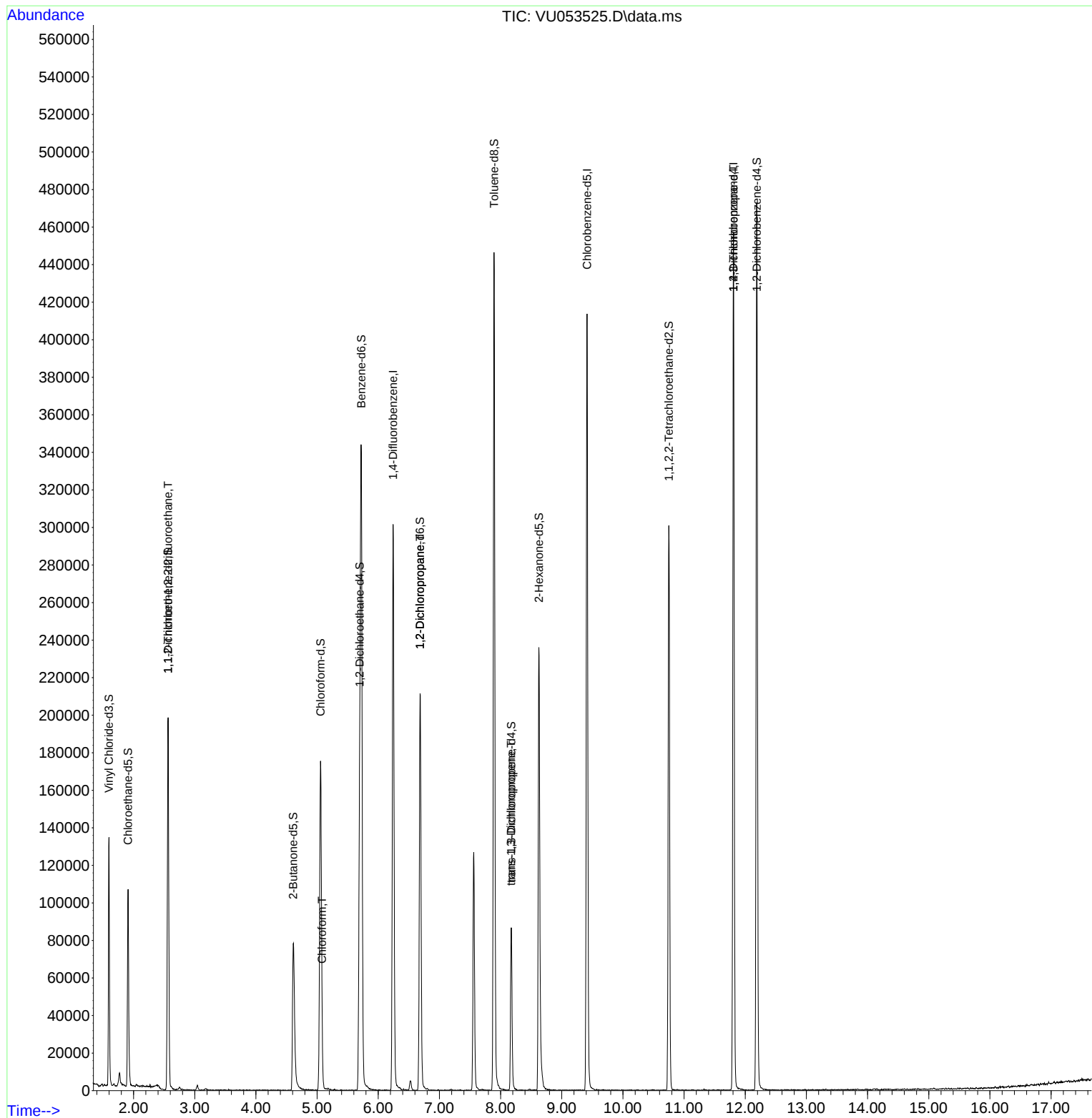
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	262735	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	241354	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	124231	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	93858	45.878	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.760%
7) Chloroethane-d5	1.909	69	79112	50.154	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.300%
11) 1,1-Dichloroethene-d2	2.565	63	111059	35.069	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.140%
21) 2-Butanone-d5	4.610	46	110396	119.185	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.190%
24) Chloroform-d	5.057	84	161159	47.632	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.260%
26) 1,2-Dichloroethane-d4	5.697	65	103347	51.692	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.380%
32) Benzene-d6	5.722	84	334833	51.396	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	6.684	67	103627	52.040	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.080%
41) Toluene-d8	7.893	98	312208	48.216	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.440%
43) trans-1,3-Dichloroprop...	8.176	79	51234	49.844	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.680%
47) 2-Hexanone-d5	8.626	63	86080	126.663	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	126.660%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	149562	53.289	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.580%
66) 1,2-Dichlorobenzene-d4	12.188	152	126610	48.825	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.640%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1189	0.657	ug/L #	17
25) Chloroform	5.083	83	2020	0.656	ug/L	79
37) 1,2-Dichloropropane	6.684	63	10835	6.786	ug/L #	86
44) trans-1,3-Dichloropropene	8.172	75	2055	0.833	ug/L	94
60) 1,2,3-Trichloropropane	11.809	75	14281	7.928	ug/L #	65

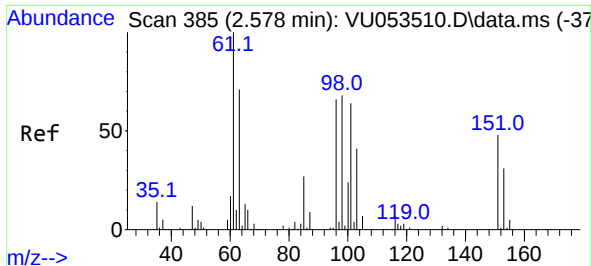
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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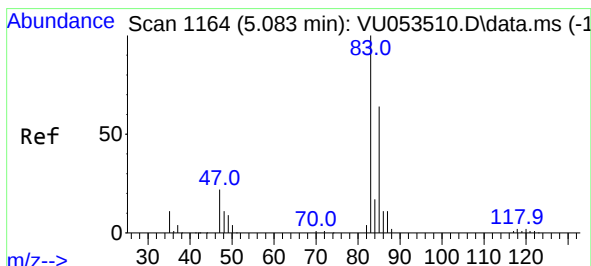
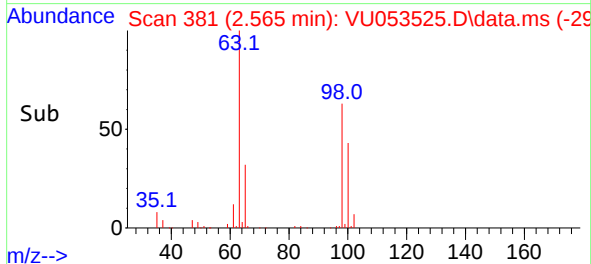
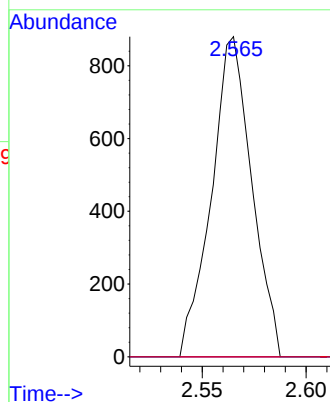
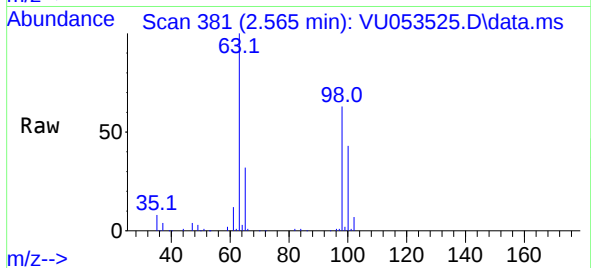




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.657 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU053525.D
Acq: 03 Apr 2023 17:14

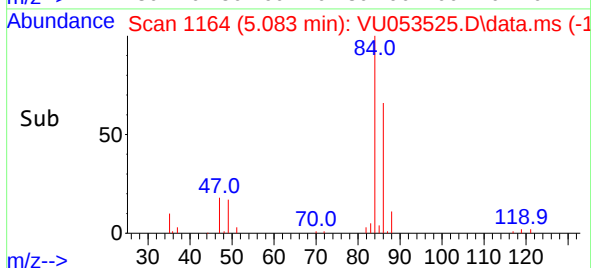
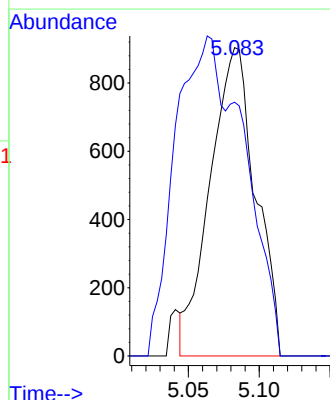
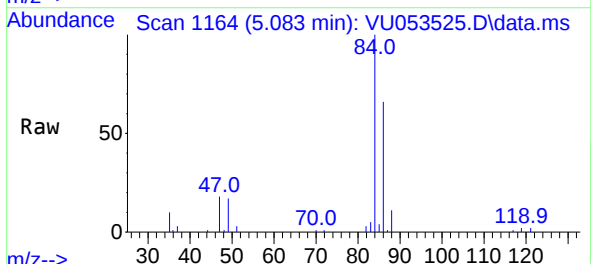
Instrument :
MSVOA_U
ClientSampleId :
FB(20230331)

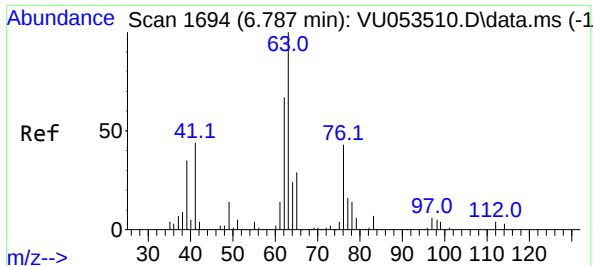
Tgt Ion:101 Resp: 1189
Ion Ratio Lower Upper
101 100
85 0.0 32.6 48.8#
151 0.0 65.8 98.6#



#25
Chloroform
Concen: 0.656 ug/L
RT: 5.083 min Scan# 1164
Delta R.T. -0.000 min
Lab File: VU053525.D
Acq: 03 Apr 2023 17:14

Tgt Ion: 83 Resp: 2020
Ion Ratio Lower Upper
83 100
85 82.3 46.1 85.5

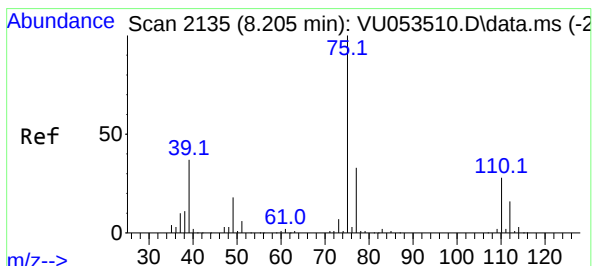
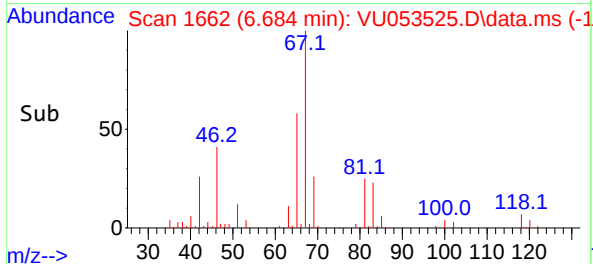
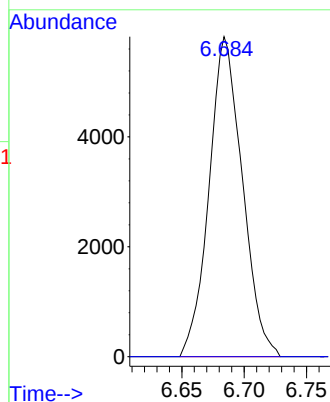
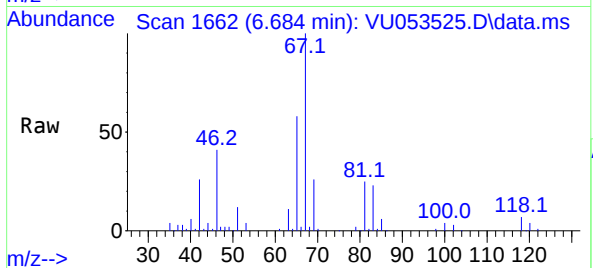




#37
1,2-Dichloropropane
Concen: 6.786 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU053525.D
Acq: 03 Apr 2023 17:14

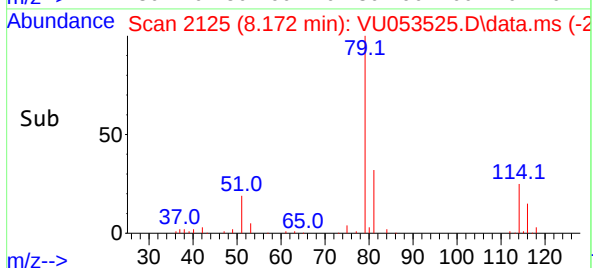
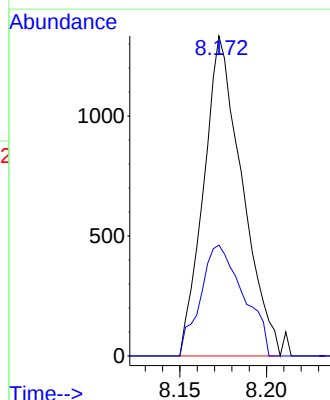
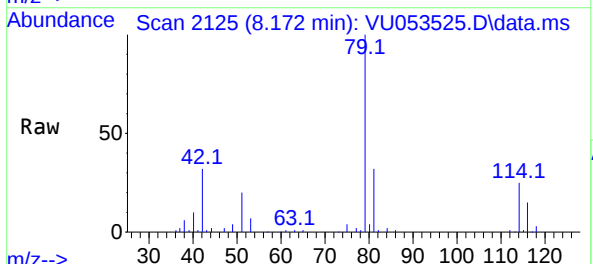
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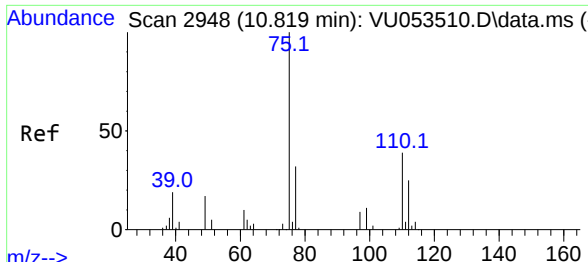
Tgt Ion: 63 Resp: 10835
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#44
trans-1,3-Dichloropropene
Concen: 0.833 ug/L
RT: 8.172 min Scan# 2125
Delta R.T. -0.032 min
Lab File: VU053525.D
Acq: 03 Apr 2023 17:14

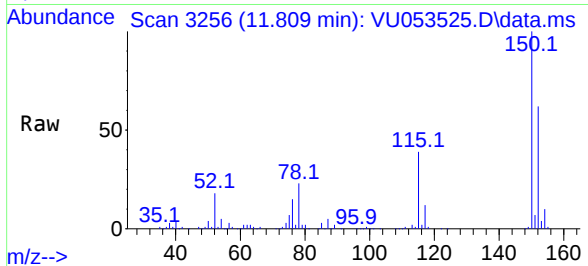
Tgt Ion: 75 Resp: 2055
Ion Ratio Lower Upper
75 100
77 34.6 21.8 40.4





#60
1,2,3-Trichloropropane
Concen: 7.928 ug/L
RT: 11.809 min Scan# 31
Delta R.T. 0.993 min
Lab File: VU053525.D
Acq: 03 Apr 2023 17:14

Instrument :
MSVOA_U
ClientSampleId :
FB(20230331)



Tgt Ion: 75 Resp: 14281

Ion	Ratio	Lower	Upper
75	100		
77	31.0	26.0	39.0
110	2.3	32.6	48.8#

