

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040323\
 Data File : VU053521.D
 Acq On : 03 Apr 2023 15:39
 Operator : JC/MD
 Sample : 02158-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB(20230329)

Quant Time: Apr 04 05:17:14 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)

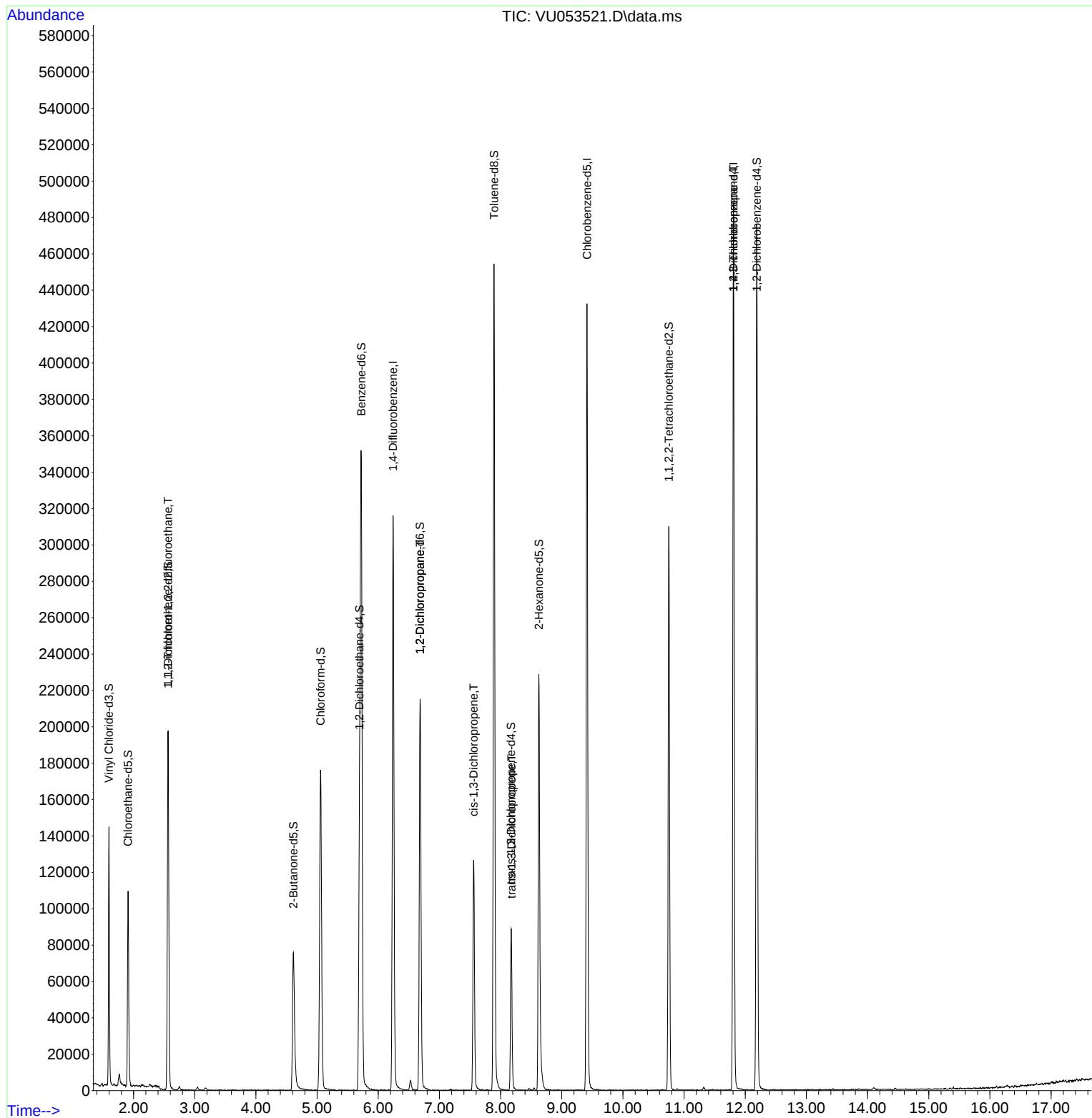
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	272339	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	253447	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	132574	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	95336	44.957	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.920%
7) Chloroethane-d5	1.909	69	79969	48.910	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.820%
11) 1,1-Dichloroethene-d2	2.565	63	114659	34.929	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.860%
21) 2-Butanone-d5	4.613	46	106185	110.596	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.600%
24) Chloroform-d	5.057	84	164360	46.865	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.740%
26) 1,2-Dichloroethane-d4	5.694	65	108602	52.405	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.820%
32) Benzene-d6	5.722	84	339433	49.616	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.240%
36) 1,2-Dichloropropane-d6	6.684	67	106877	51.112	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.220%
41) Toluene-d8	7.893	98	320486	47.133	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.260%
43) trans-1,3-Dichloroprop...	8.173	79	52008	48.183	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.360%
47) 2-Hexanone-d5	8.626	63	84447	118.331	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.330%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	148668	50.443	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.880%
66) 1,2-Dichlorobenzene-d4	12.188	152	127208	45.968	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.940%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1209	0.645	ug/L #	17
37) 1,2-Dichloropropane	6.684	63	11319	6.751	ug/L #	86
39) cis-1,3-Dichloropropene	7.558	75	3053	1.114	ug/L #	72
44) trans-1,3-Dichloropropene	8.179	75	2142	0.827	ug/L #	82
60) 1,2,3-Trichloropropane	11.809	75	14728	7.662	ug/L #	63

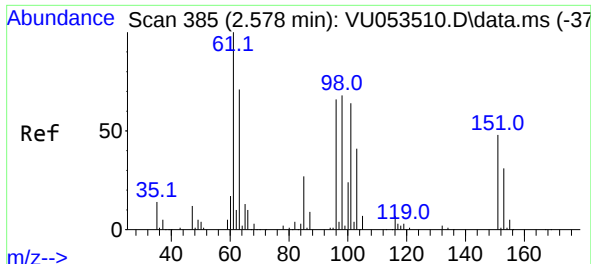
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Apr 01 04:51:17 2023
Response via : Initial Calibration

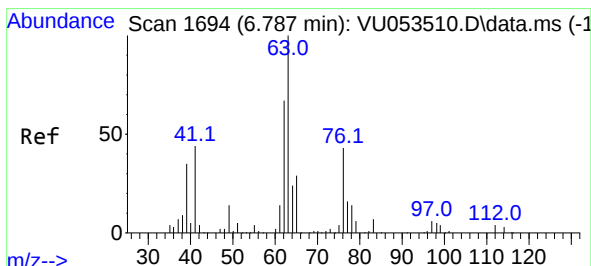
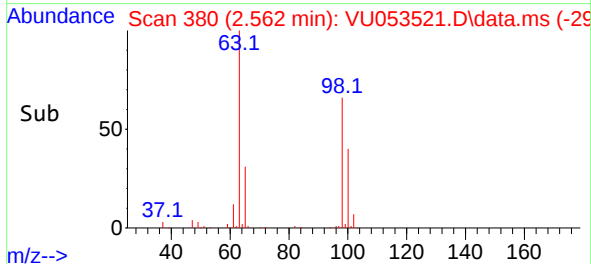
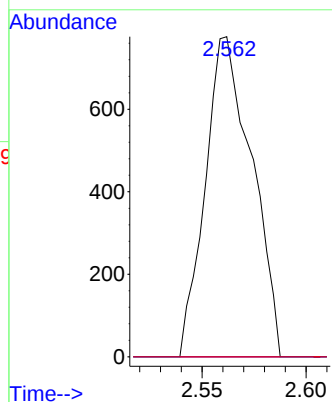
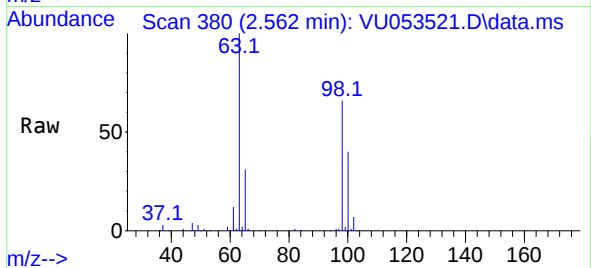




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.645 ug/L
RT: 2.562 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU053521.D
Acq: 03 Apr 2023 15:39

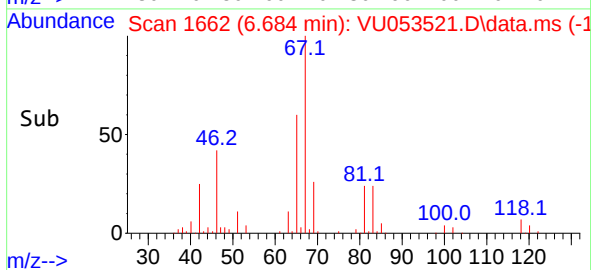
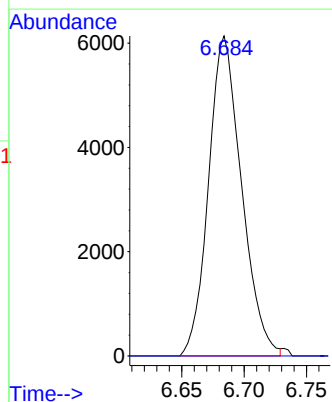
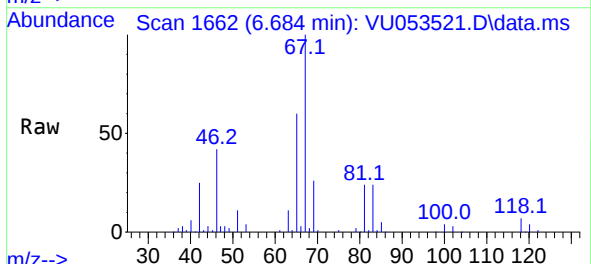
Instrument :
MSVOA_U
ClientSampleId :
TB(20230329)

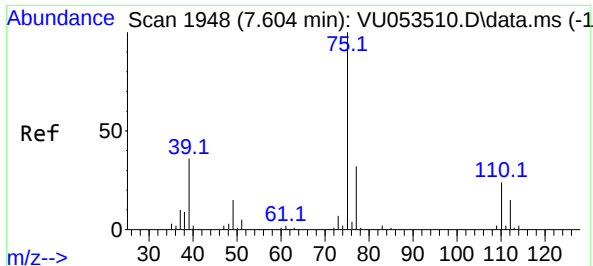
Tgt Ion:101 Resp: 1209
Ion Ratio Lower Upper
101 100
85 0.0 32.6 48.8#
151 0.0 65.8 98.6#



#37
1,2-Dichloropropane
Concen: 6.751 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.100 min
Lab File: VU053521.D
Acq: 03 Apr 2023 15:39

Tgt Ion: 63 Resp: 11319
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 1.114 ug/L

RT: 7.558 min Scan# 1948

Delta R.T. -0.042 min

Lab File: VU053521.D

Acq: 03 Apr 2023 15:39

Instrument :

MSVOA_U

ClientSampleId :

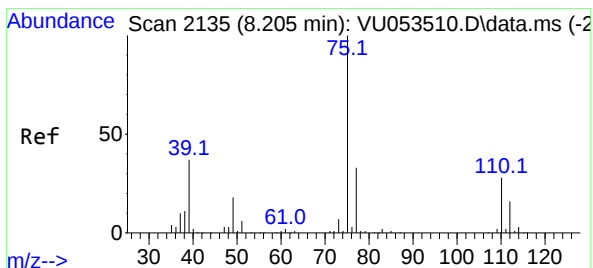
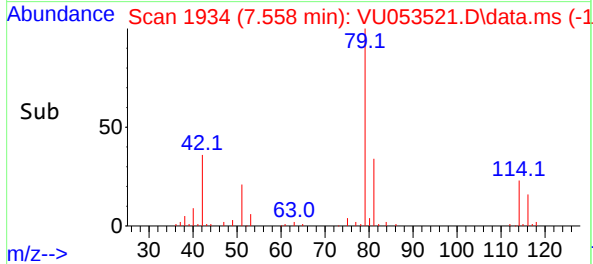
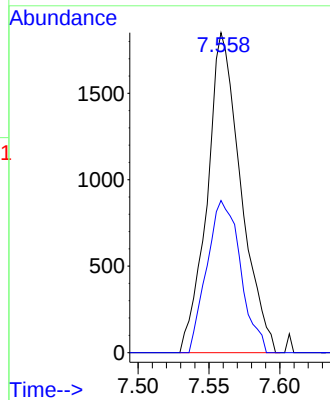
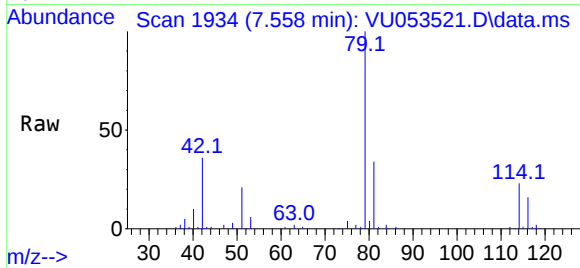
TB(20230329)

Tgt Ion: 75 Resp: 3053

Ion Ratio Lower Upper

75 100

77 47.5 22.5 41.7#



#44

trans-1,3-Dichloropropene

Concen: 0.827 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.026 min

Lab File: VU053521.D

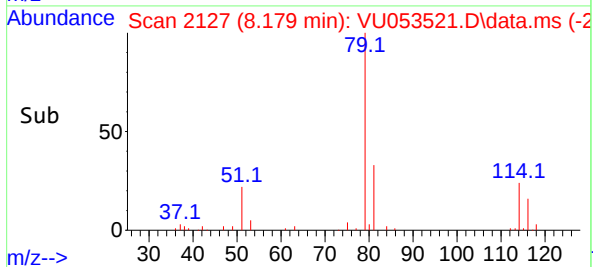
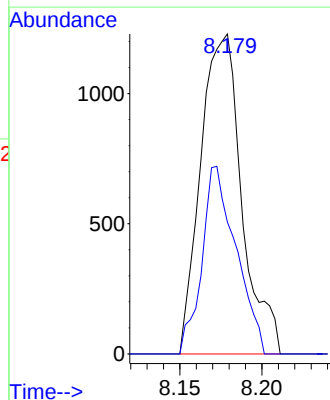
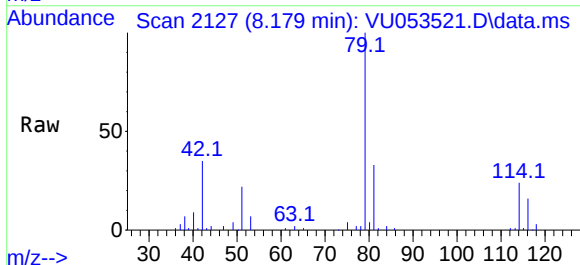
Acq: 03 Apr 2023 15:39

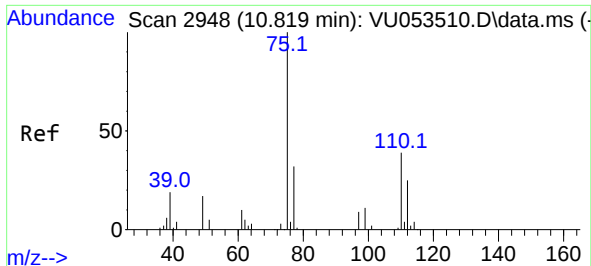
Tgt Ion: 75 Resp: 2142

Ion Ratio Lower Upper

75 100

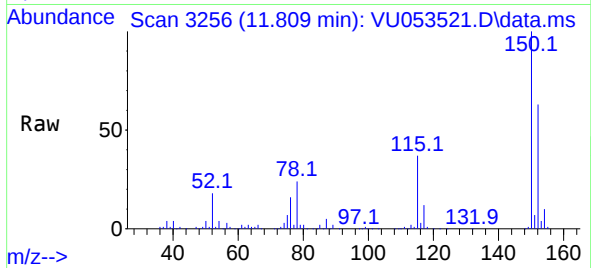
77 41.2 21.8 40.4#





#60
1,2,3-Trichloropropane
Concen: 7.662 ug/L
RT: 11.809 min Scan# 31
Delta R.T. 0.994 min
Lab File: VU053521.D
Acq: 03 Apr 2023 15:39

Instrument :
MSVOA_U
ClientSampleId :
TB(20230329)



Tgt Ion: 75 Resp: 14728
Ion Ratio Lower Upper
75 100
77 34.8 26.0 39.0
110 1.8 32.6 48.8#

