

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042923\
 Data File : VU053972.D
 Acq On : 28 Apr 2023 16:22
 Operator : JC/MD
 Sample : 02525-01ME
 Misc : 4.94g/5.0mL/100uL//5.0mL/MSVOA_U/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 29 04:32:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 14 01:54:10 2023
 Response via : Initial Calibration

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

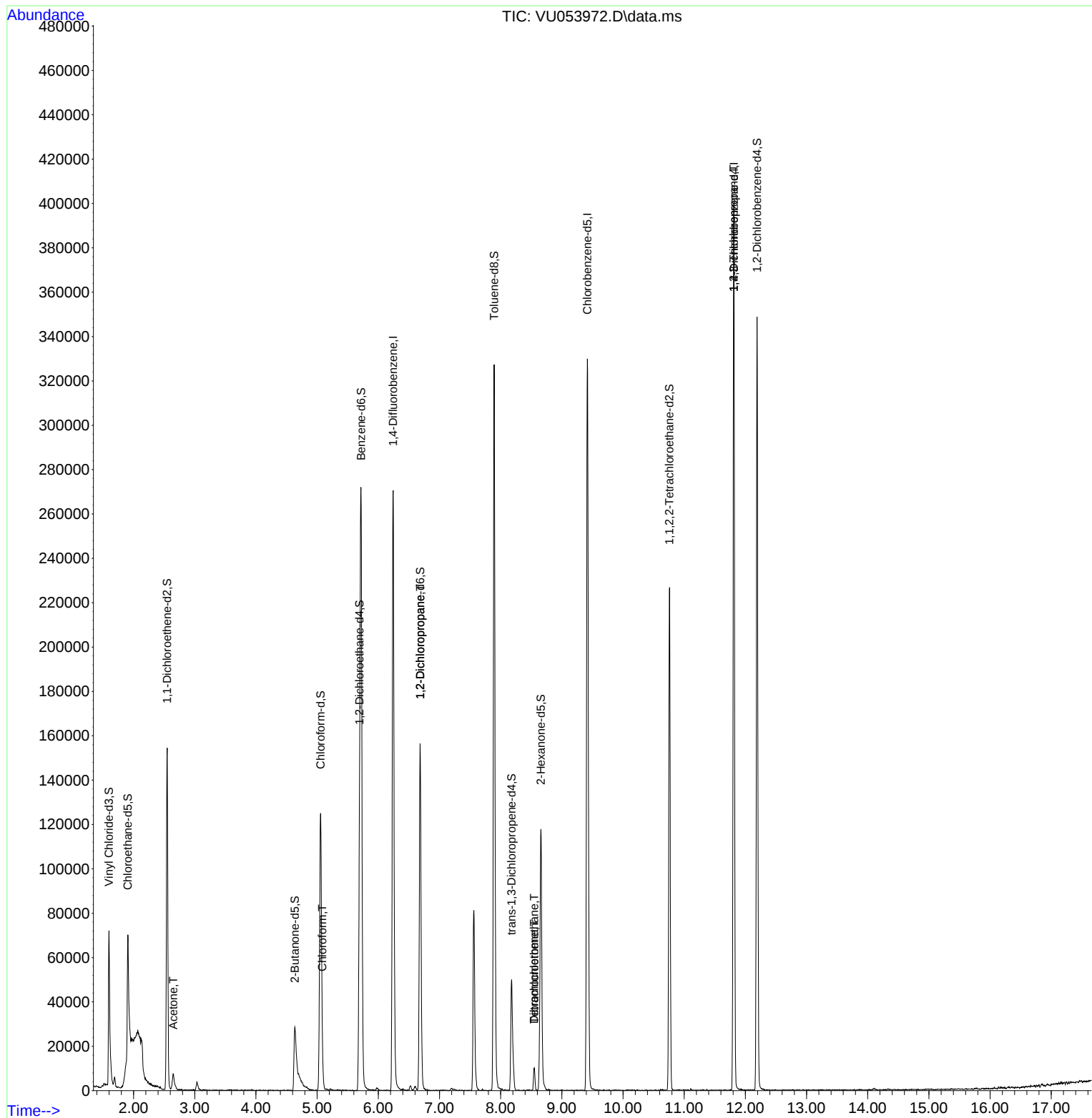
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	243804	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	234423	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	109914	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	69940	36.841	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.680%
7) Chloroethane-d5	1.906	69	53473	36.532	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.060%
11) 1,1-Dichloroethene-d2	2.549	63	85383	29.055	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.100%#
21) 2-Butanone-d5	4.636	46	50185	58.387	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	58.390%
24) Chloroform-d	5.057	84	117112	37.301	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.600%
26) 1,2-Dichloroethane-d4	5.694	65	77037	41.525	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.040%
32) Benzene-d6	5.719	84	259750	41.050	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.100%
36) 1,2-Dichloropropane-d6	6.684	67	79166	40.932	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.860%
41) Toluene-d8	7.893	98	240931	38.309	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.620%#
43) trans-1,3-Dichloroprop...	8.179	79	38499	38.562	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.120%
47) 2-Hexanone-d5	8.658	63	50363	76.298	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.300%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	109892	40.312	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.620%
66) 1,2-Dichlorobenzene-d4	12.192	152	95649	41.690	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.380%
Target Compounds						
					Qvalue	
13) Acetone	2.649	43	10787	13.965	ug/L	99
25) Chloroform	5.083	83	8056	2.820	ug/L	86
37) 1,2-Dichloropropane	6.684	63	8350	5.384	ug/L #	86
46) Tetrachloroethene	8.549	164	2413	1.574	ug/L	96
49) Dibromochloromethane	8.549	129	2205	1.245	ug/L #	11
60) 1,2,3-Trichloropropane	11.809	75	11990	7.523	ug/L #	63

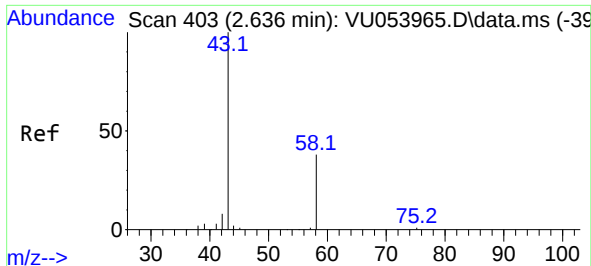
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.965 ug/L

RT: 2.649 min Scan# 407

Delta R.T. 0.032 min

Lab File: VU053972.D

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Instrument :

MSVOA_U

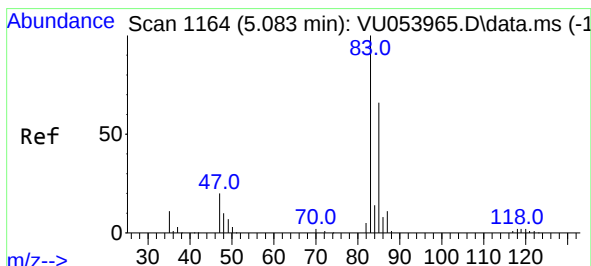
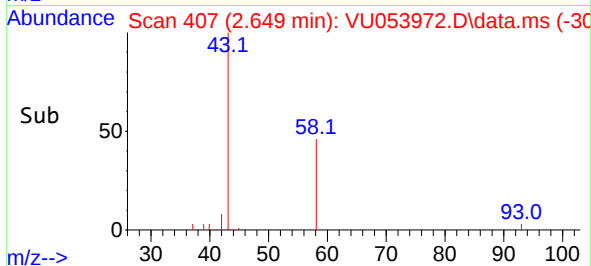
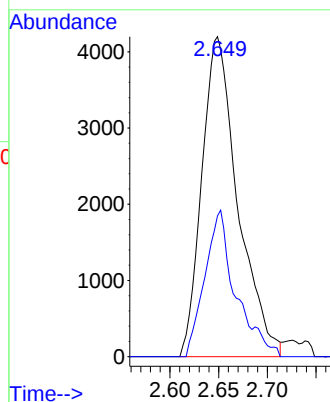
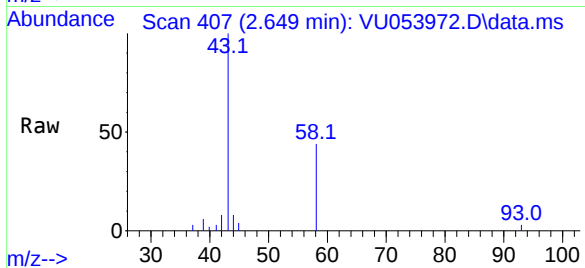
ClientSampleId :

Tgt Ion: 43 Resp: 10787

Ion Ratio Lower Upper

43 100

58 36.0 0.0 70.2



#25

Chloroform

Concen: 2.820 ug/L

RT: 5.083 min Scan# 1164

Delta R.T. -0.000 min

Lab File: VU053972.D

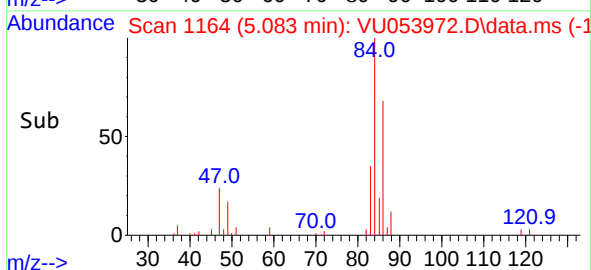
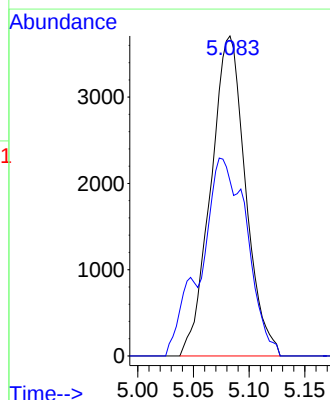
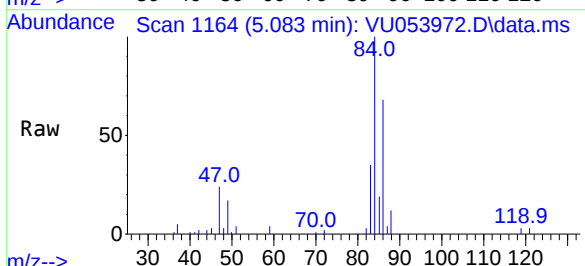
Acq: 28 Apr 2023 16:22

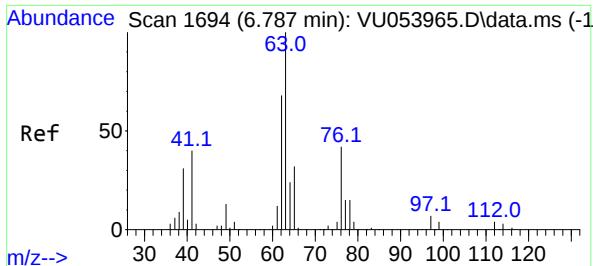
Tgt Ion: 83 Resp: 8056

Ion Ratio Lower Upper

83 100

85 54.8 46.1 85.5

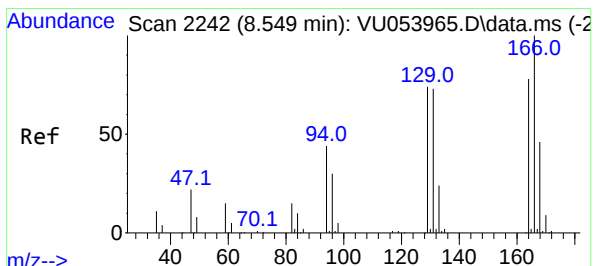
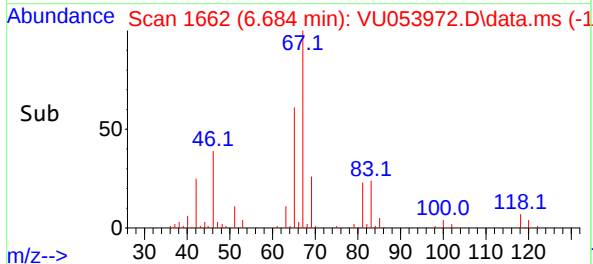
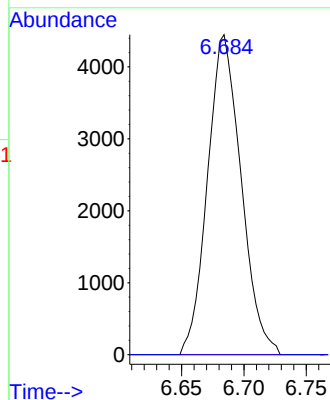
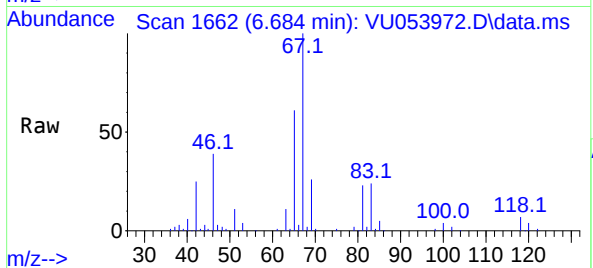




#37
1,2-Dichloropropane
Concen: 5.384 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU053972.D
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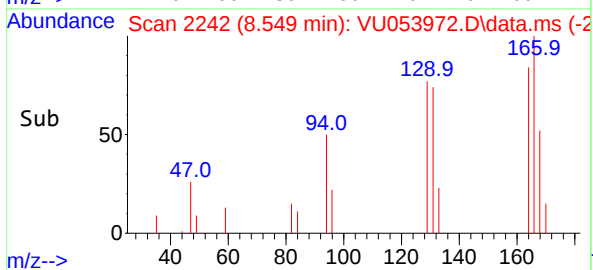
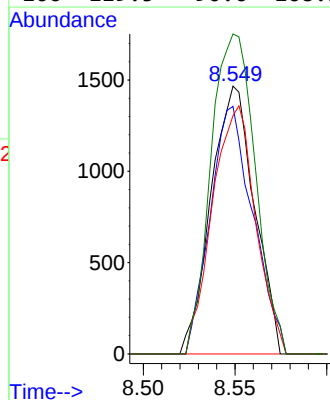
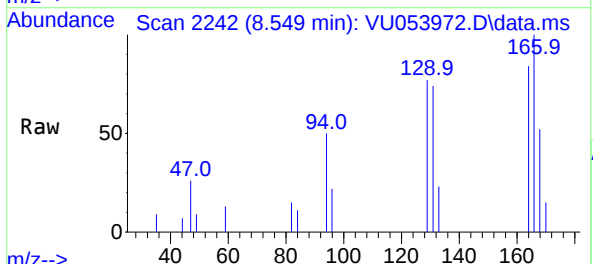
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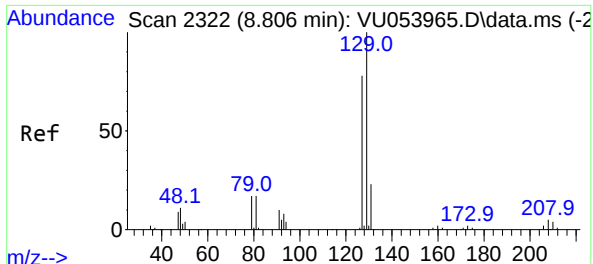
Tgt Ion: 63 Resp: 8350
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#46
Tetrachloroethene
Concen: 1.574 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU053972.D
Acq: 28 Apr 2023 16:22

Tgt Ion:164 Resp: 2413
Ion Ratio Lower Upper
164 100
129 92.4 64.0 119.0
131 88.9 61.9 115.1
166 119.5 90.6 168.2

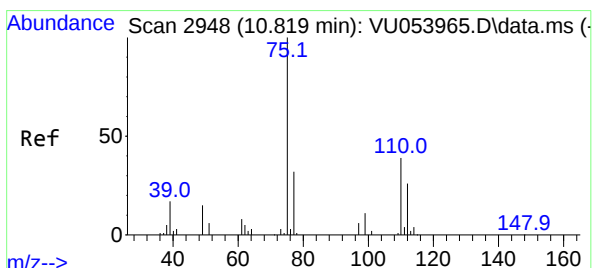
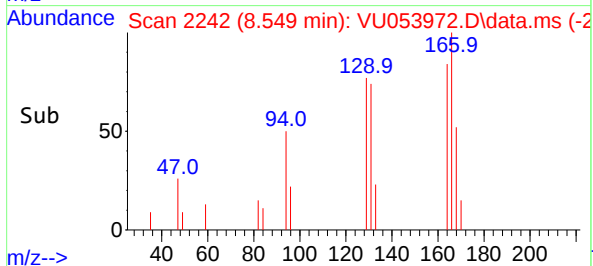
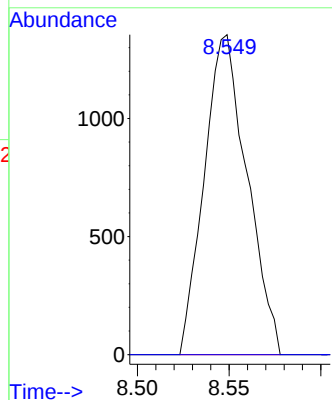
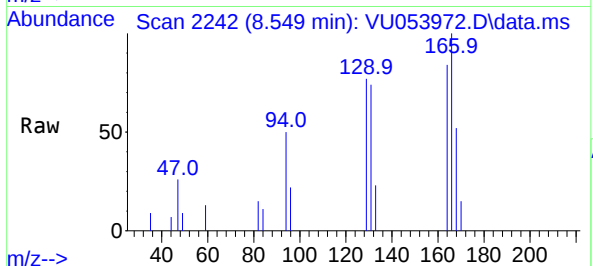




#49
Dibromochloromethane
Concen: 1.245 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU053972.D
Acq: 28 Apr 2023 16:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 2205
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#



#60
1,2,3-Trichloropropane
Concen: 7.523 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU053972.D
Acq: 28 Apr 2023 16:22

Tgt Ion: 75 Resp: 11990
Ion Ratio Lower Upper
75 100
77 30.6 26.0 39.0
110 1.5 32.6 48.8#

