

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071524\
 Data File : VU059950.D
 Acq On : 15 Jul 2024 14:44
 Operator : MD/SY
 Sample : P3178-09ME
 Misc : 4.95g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 16 05:49:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 16 05:46:09 2024
 Response via : Initial Calibration

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

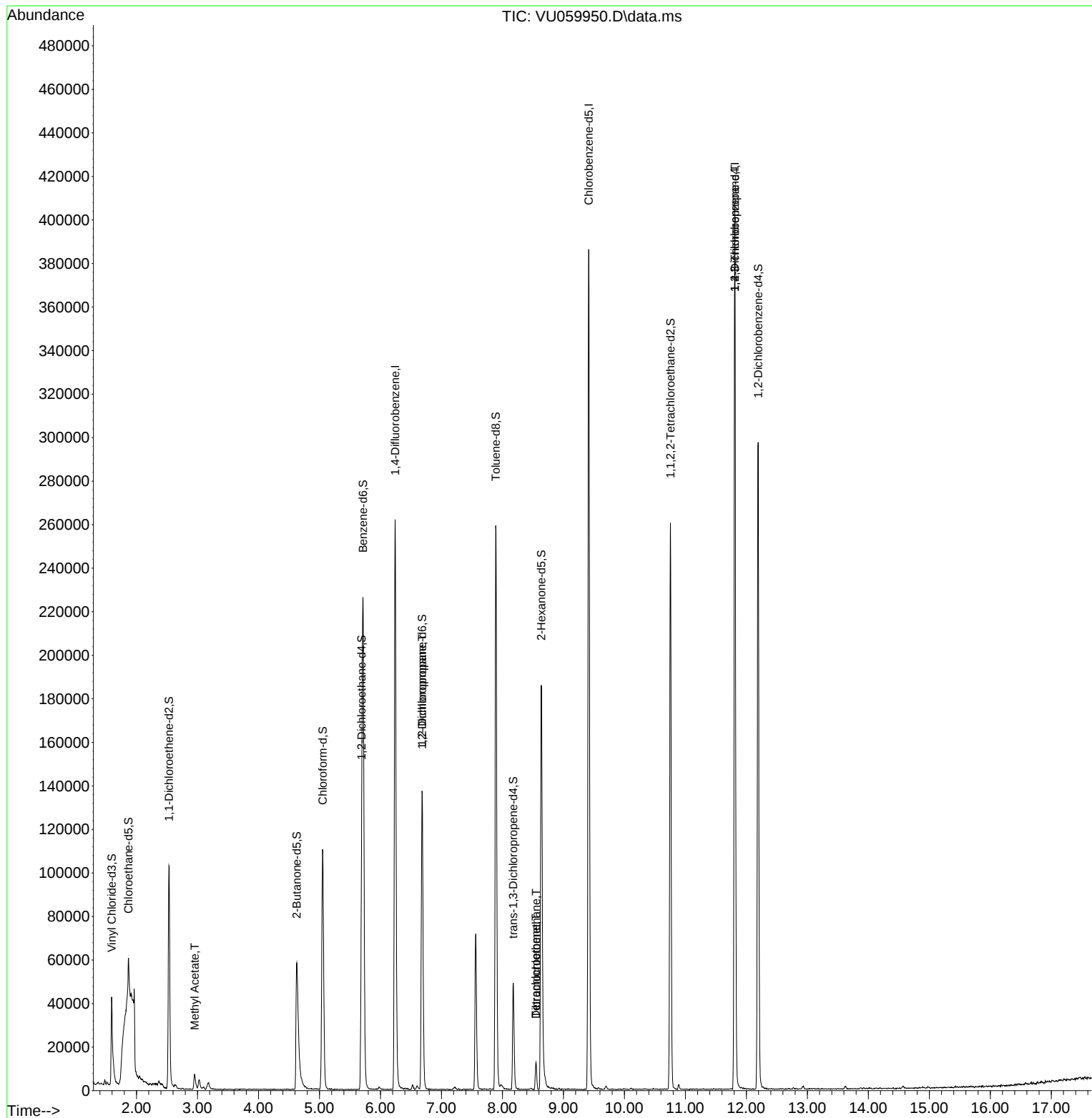
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	222091	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	233373	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	116690	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	48033	33.684	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.360%
7) Chloroethane-d5	1.869	69	20986	17.497	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	35.000%#
11) 1,1-Dichloroethene-d2	2.531	63	64211	25.347	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.700%#
21) 2-Butanone-d5	4.627	46	101853	102.778	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.780%
24) Chloroform-d	5.052	84	107345	38.873	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.740%
26) 1,2-Dichloroethane-d4	5.692	65	68026	41.431	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.860%
32) Benzene-d6	5.714	84	212736	35.598	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.200%
36) 1,2-Dichloropropane-d6	6.682	67	71041	38.410	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.820%
41) Toluene-d8	7.891	98	180993	31.848	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	63.700%#
43) trans-1,3-Dichloroprop...	8.177	79	29731	34.352	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.700%
47) 2-Hexanone-d5	8.637	63	73140	93.832	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.830%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	133793	47.129	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.260%
66) 1,2-Dichlorobenzene-d4	12.193	152	83590	38.983	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.960%#
Target Compounds						
					Qvalue	
15) Methyl Acetate	2.952	43	8956	5.821	ug/L	100
37) 1,2-Dichloropropane	6.685	63	7270	4.191	ug/L #	88
46) Tetrachloroethene	8.550	164	3045	2.201	ug/L	94
49) Dibromochloromethane	8.553	129	2623	1.465	ug/L #	11
60) 1,2,3-Trichloropropane	11.810	75	12544	5.664	ug/L #	65

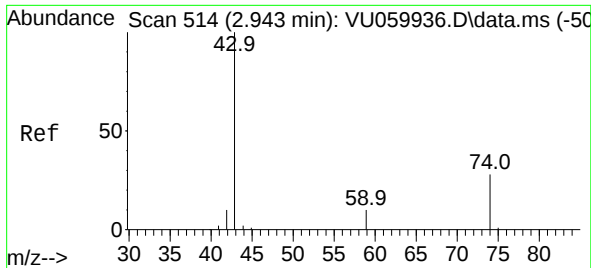
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

Methyl Acetate

Concen: 5.821 ug/L

RT: 2.952 min Scan# 514

Delta R.T. 0.009 min

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Instrument :

MSVOA_U

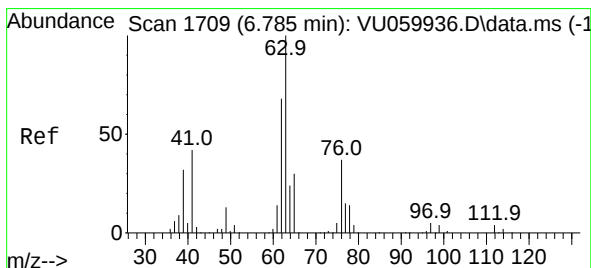
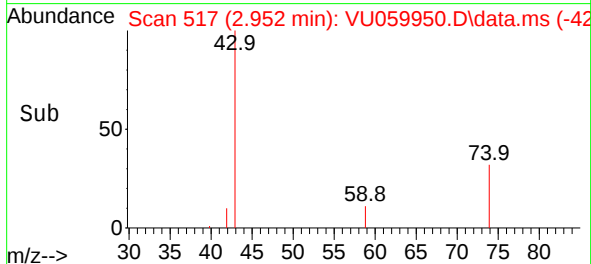
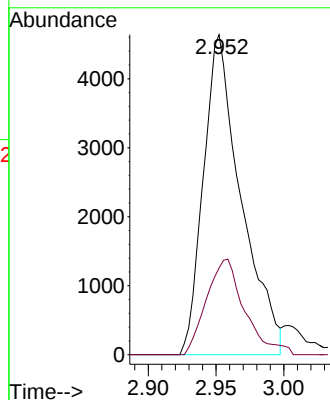
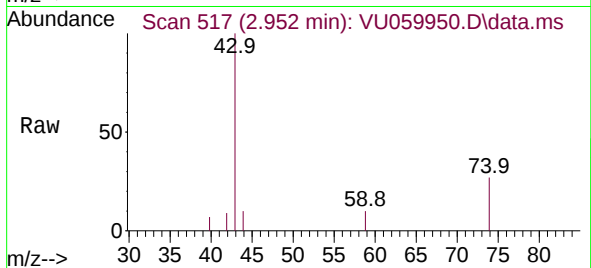
ClientSampleId :

Tgt Ion: 43 Resp: 8956

Ion Ratio Lower Upper

43 100

74 30.2 24.1 36.1



#37

1,2-Dichloropropane

Concen: 4.191 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.100 min

Lab File: VU059950.D

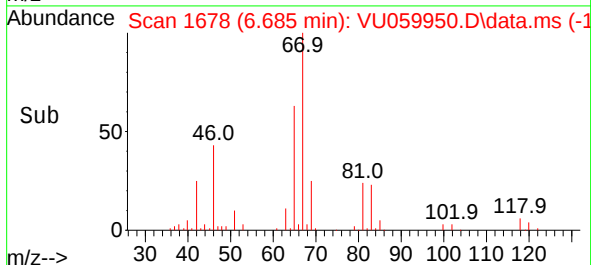
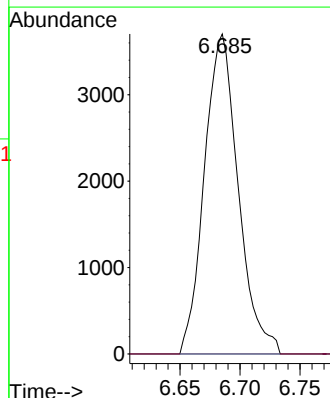
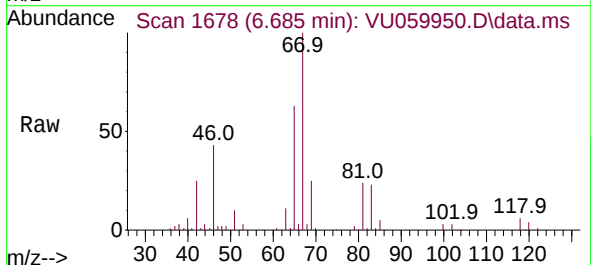
Acq: 15 Jul 2024 14:44

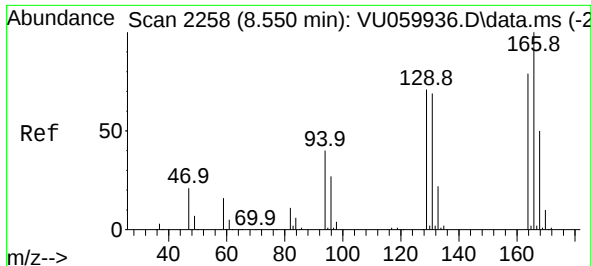
Tgt Ion: 63 Resp: 7270

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#





#46

Tetrachloroethene

Concen: 2.201 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

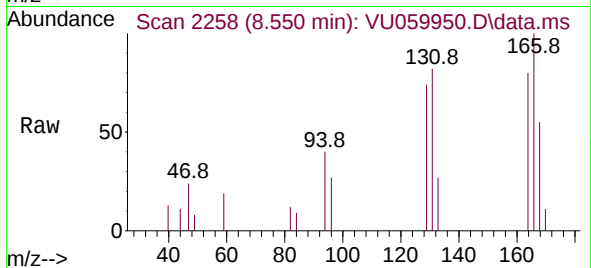
Lab File: VU059950.D

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Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 3045

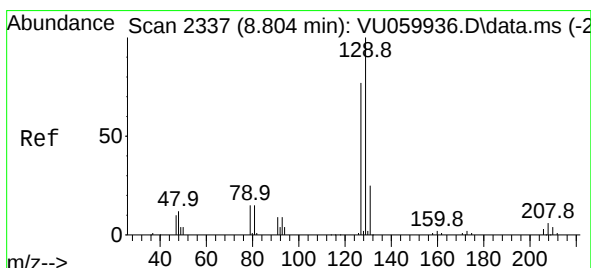
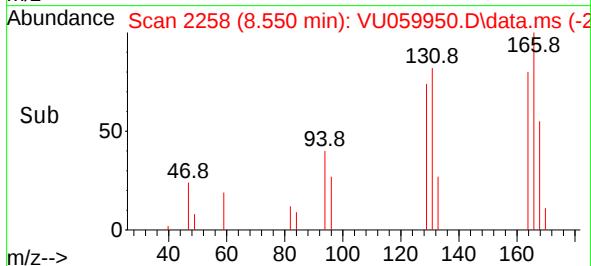
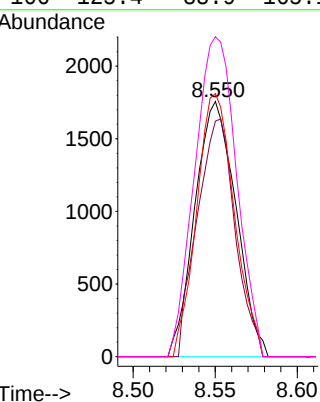
Ion Ratio Lower Upper

164 100

129 92.3 62.7 116.5

131 103.1 62.3 115.7

166 125.4 88.9 165.1



#49

Dibromochloromethane

Concen: 1.465 ug/L

RT: 8.553 min Scan# 2259

Delta R.T. -0.251 min

Lab File: VU059950.D

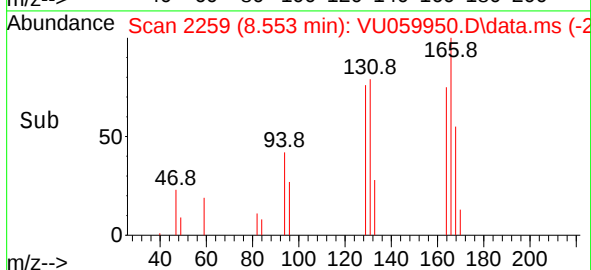
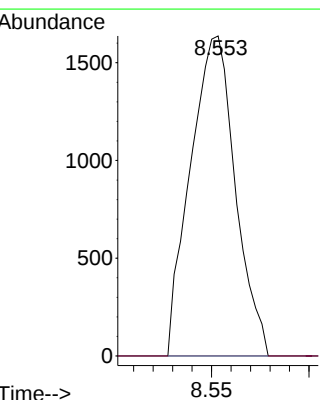
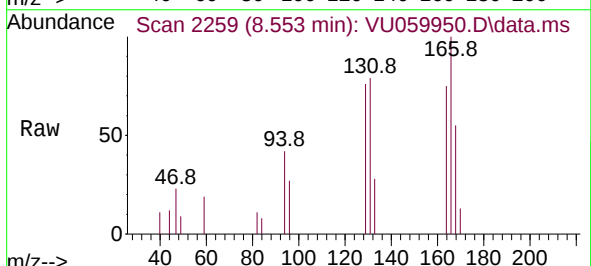
Acq: 15 Jul 2024 14:44

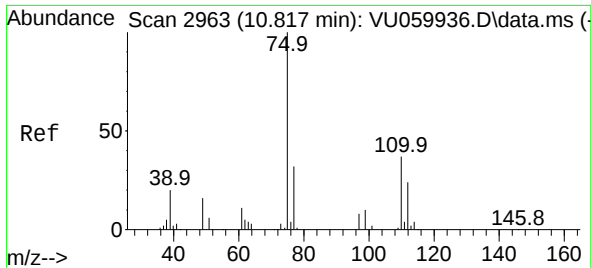
Tgt Ion:129 Resp: 2623

Ion Ratio Lower Upper

129 100

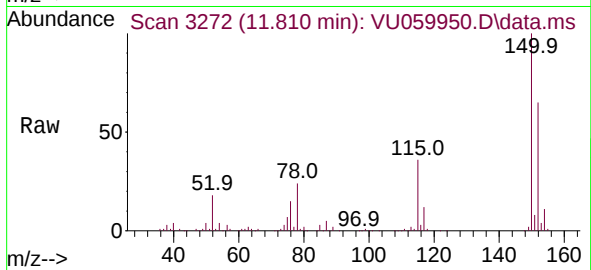
127 0.0 54.0 100.2#





#60
 1,2,3-Trichloropropane
 Concen: 5.664 ug/L
 RT: 11.810 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU059950.D
 Acq: 15 Jul 2024 14:44

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	12544
Ion Ratio	Lower	Upper
75	100	
77	33.5	25.5 38.3
110	1.3	30.7 46.1#

