

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
 Data File : VU050841.D
 Acq On : 20 Sep 2022 19:10
 Operator : JC/MD
 Sample : N4651-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ34

Quant Time: Sep 21 02:26:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 02:18:13 2022
 Response via : Initial Calibration

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

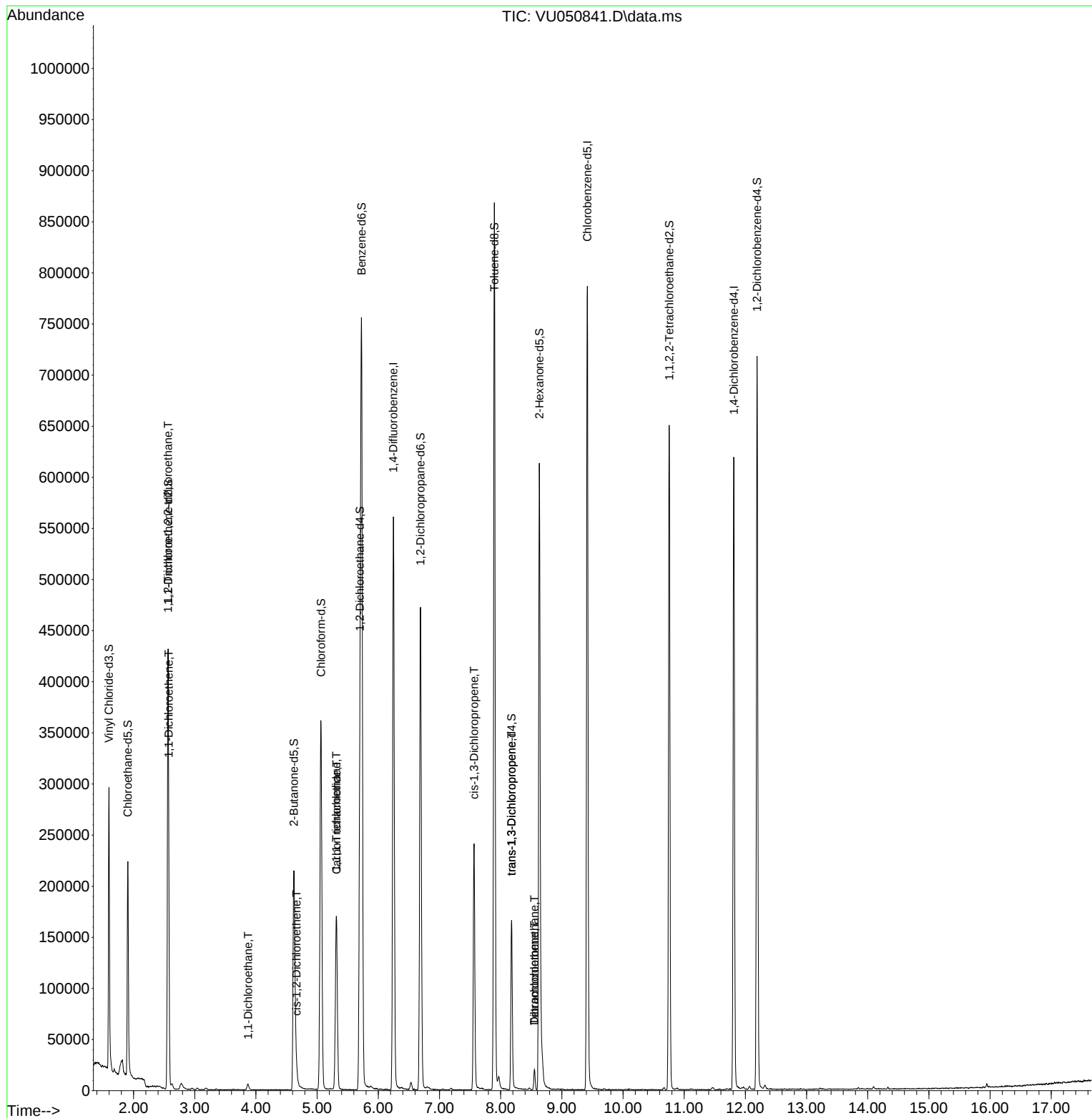
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	444259	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	431612	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	161722	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	209251	45.462	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.920%
7) Chloroethane-d5	1.906	69	160271	48.891	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.780%
11) 1,1-Dichloroethene-d2	2.565	63	253848	35.443	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.880%
21) 2-Butanone-d5	4.620	46	311260	104.746	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.750%
24) Chloroform-d	5.064	84	343209	47.580	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.160%
26) 1,2-Dichloroethane-d4	5.700	65	221085	49.734	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.460%
32) Benzene-d6	5.726	84	700131	49.248	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.500%
36) 1,2-Dichloropropane-d6	6.687	67	237114	49.412	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.820%
41) Toluene-d8	7.896	98	574040	46.193	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.380%
43) trans-1,3-Dichloroprop...	8.179	79	95896	45.937	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.880%
47) 2-Hexanone-d5	8.633	63	198175	100.213	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.210%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	337722	46.162	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.320%
66) 1,2-Dichlorobenzene-d4	12.192	152	183796	54.280	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.560%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	2679	0.737	ug/L #	22
12) 1,1-Dichloroethene	2.575	96	6496	1.902	ug/L #	1
19) 1,1-Dichloroethane	3.871	63	6836	0.966	ug/L	97
20) cis-1,2-Dichloroethene	4.665	96	2762	0.712	ug/L	96
30) 1,1,1-Trichloroethane	5.314	97	123855	21.570	ug/L	99
31) Carbon tetrachloride	5.318	117	15823	3.317	ug/L	100
39) cis-1,3-Dichloropropene	7.565	75	5889	1.012	ug/L #	67
44) trans-1,3-Dichloropropene	8.179	75	4056	0.733	ug/L #	80
46) Tetrachloroethene	8.552	164	4329	1.633	ug/L	94
49) Dibromochloromethane	8.552	129	4269	1.087	ug/L #	10

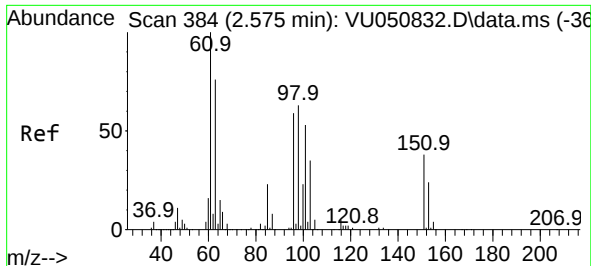
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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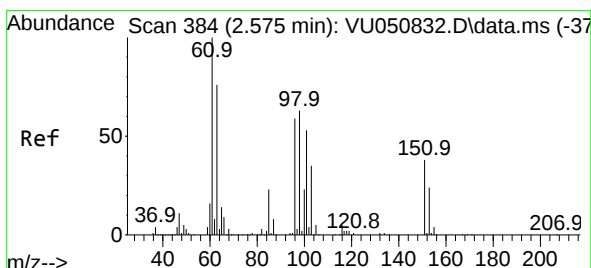
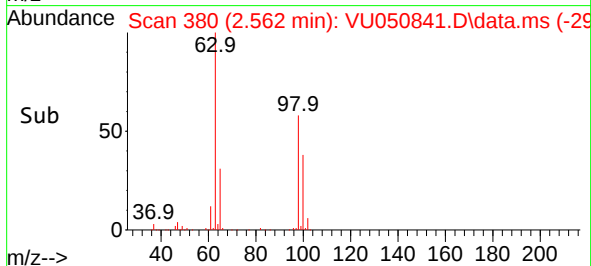
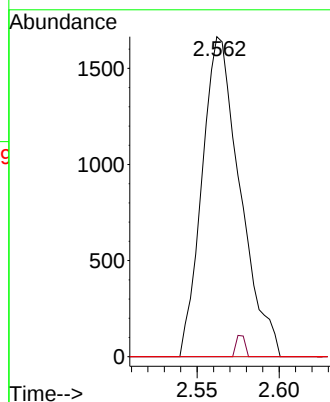
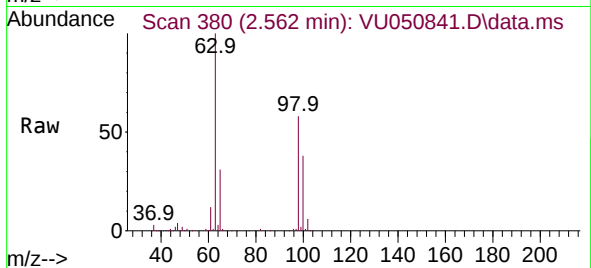




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.737 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU050841.D
Acq: 20 Sep 2022 19:10

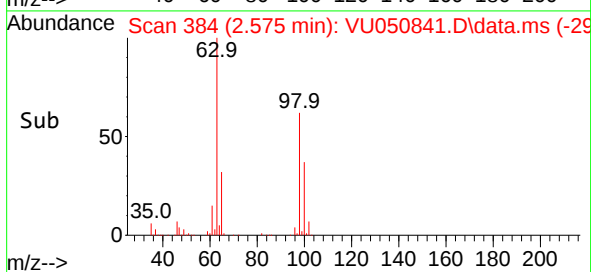
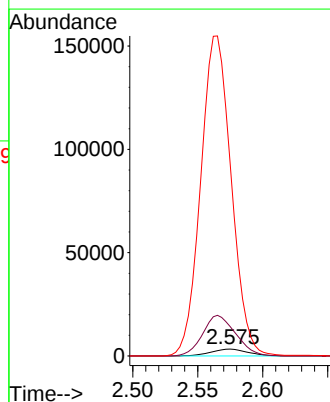
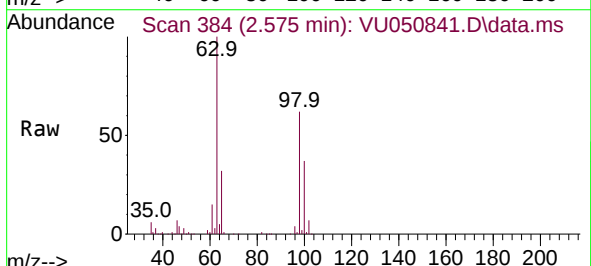
Instrument :
MSVOA_U
ClientSampleId :
EXZ34

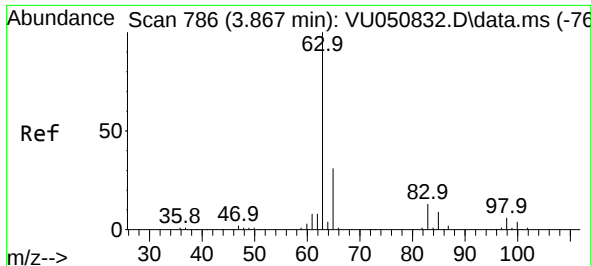
Tgt Ion:101 Resp: 2679
Ion Ratio Lower Upper
101 100
85 1.6 35.1 52.7#
151 0.0 56.6 84.8#



#12
1,1-Dichloroethene
Concen: 1.902 ug/L
RT: 2.575 min Scan# 384
Delta R.T. 0.000 min
Lab File: VU050841.D
Acq: 20 Sep 2022 19:10

Tgt Ion: 96 Resp: 6496
Ion Ratio Lower Upper
96 100
61 423.7 118.6 220.2#
63 2773.5 90.4 168.0#

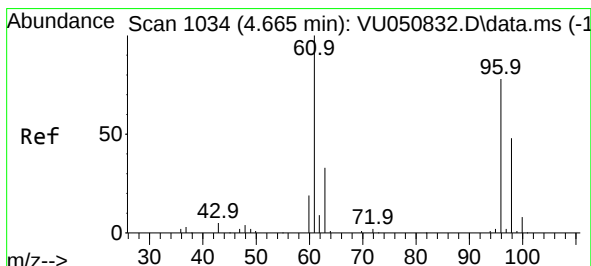
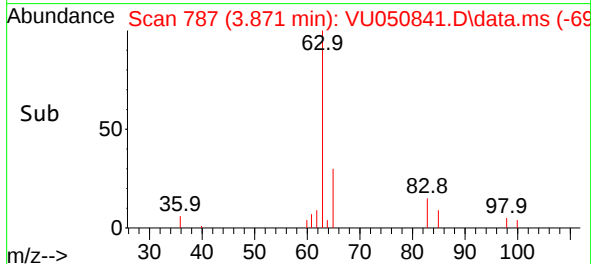
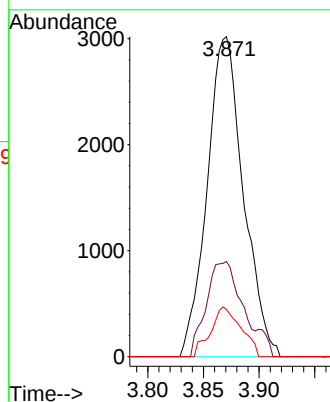
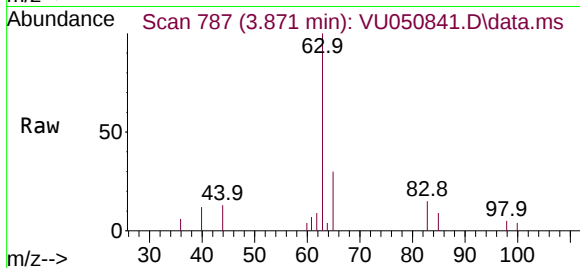




#19
1,1-Dichloroethane
Concen: 0.966 ug/L
RT: 3.871 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU050841.D
Acq: 20 Sep 2022 19:10

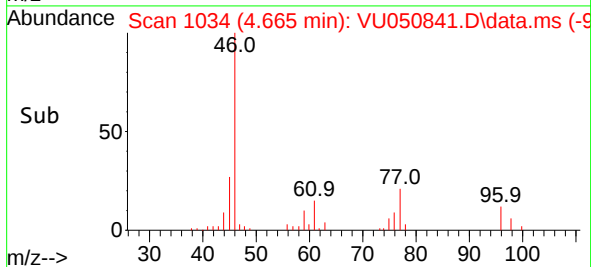
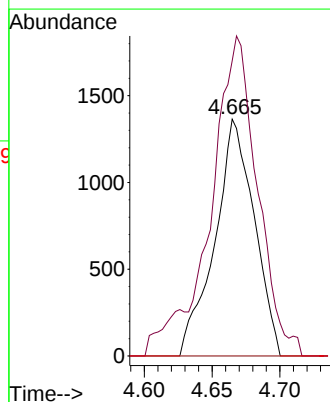
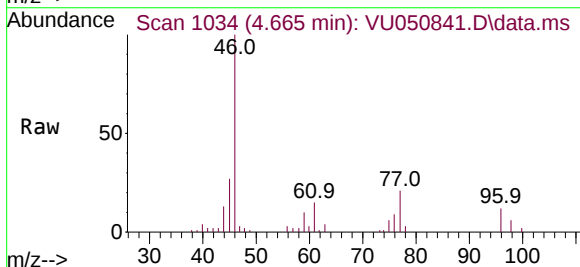
Instrument :
MSVOA_U
ClientSampleId :
EXZ34

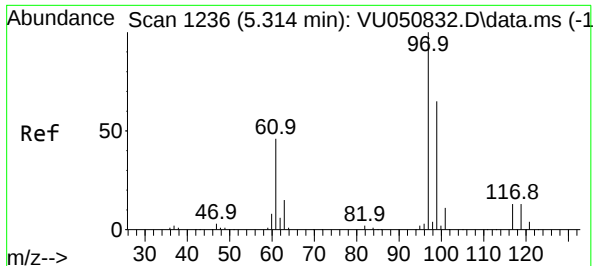
Tgt Ion: 63 Resp: 6836
Ion Ratio Lower Upper
63 100
65 28.7 21.5 39.9
83 14.2 9.3 17.3



#20
cis-1,2-Dichloroethene
Concen: 0.712 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU050841.D
Acq: 20 Sep 2022 19:10

Tgt Ion: 96 Resp: 2762
Ion Ratio Lower Upper
96 100
61 124.6 90.1 167.3
68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 21.570 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU050841.D

Acq: 20 Sep 2022 19:10

Instrument :

MSVOA_U

ClientSampleId :

EXZ34

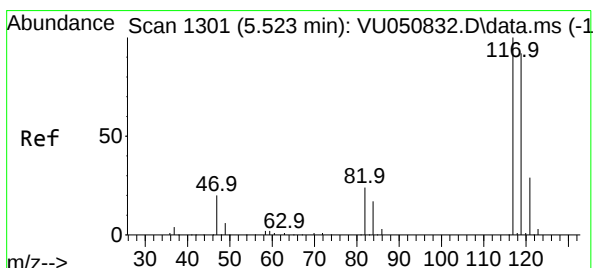
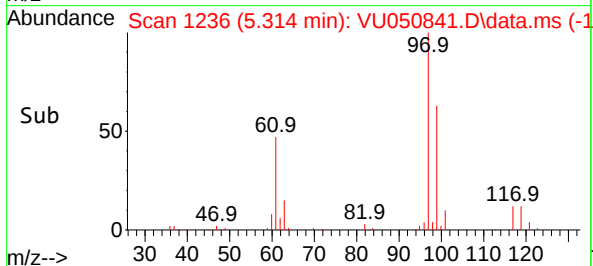
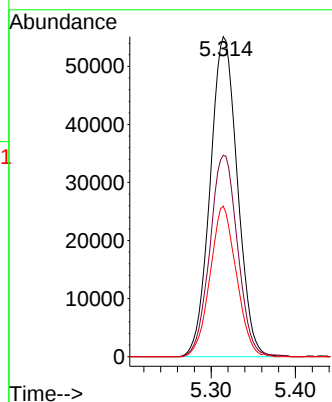
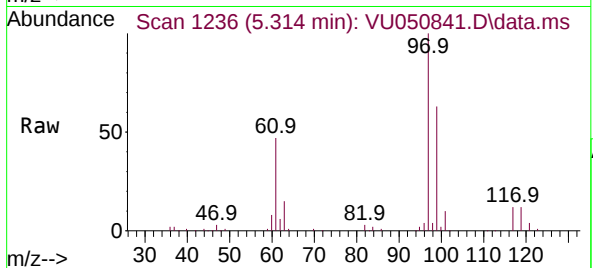
Tgt Ion: 97 Resp: 123855

Ion Ratio Lower Upper

97 100

99 64.1 52.2 78.2

61 45.5 37.1 55.7



#31

Carbon tetrachloride

Concen: 3.317 ug/L

RT: 5.318 min Scan# 1237

Delta R.T. -0.206 min

Lab File: VU050841.D

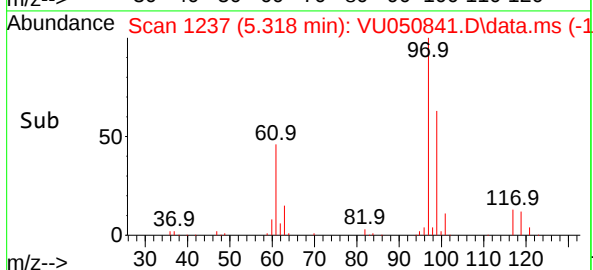
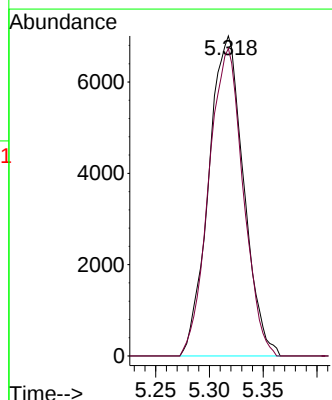
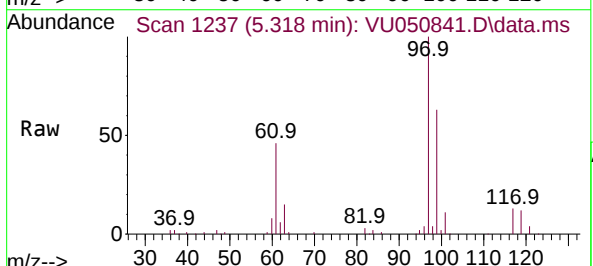
Acq: 20 Sep 2022 19:10

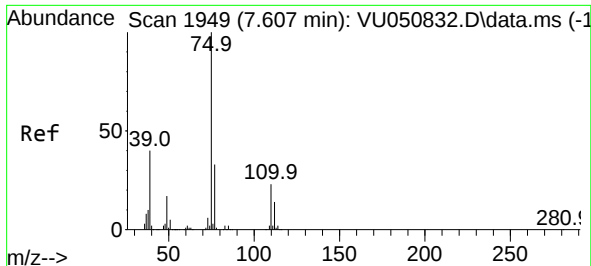
Tgt Ion: 117 Resp: 15823

Ion Ratio Lower Upper

117 100

119 94.6 76.0 114.0





#39

cis-1,3-Dichloropropene

Concen: 1.012 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU050841.D

Acq: 20 Sep 2022 19:10

Instrument :

MSVOA_U

ClientSampleId :

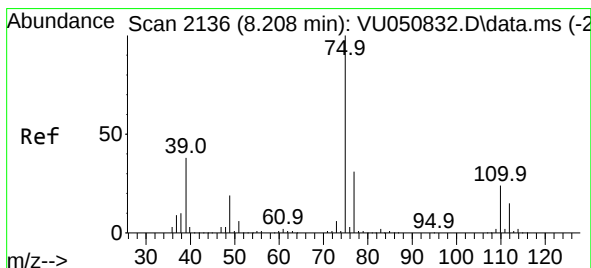
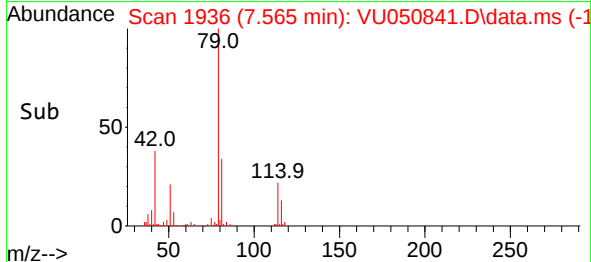
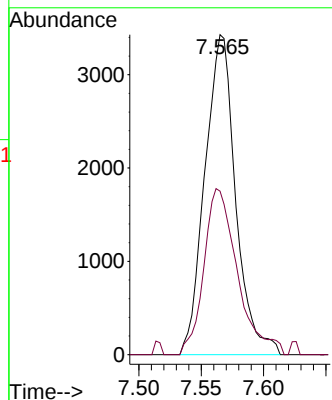
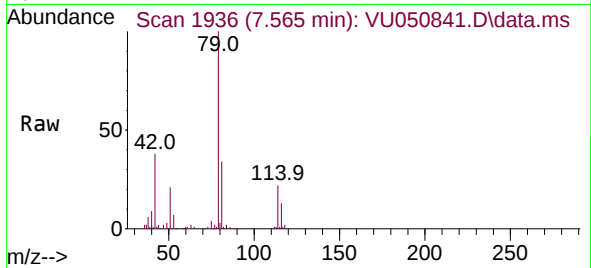
EXZ34

Tgt Ion: 75 Resp: 5889

Ion Ratio Lower Upper

75 100

77 51.1 22.8 42.4#



#44

trans-1,3-Dichloropropene

Concen: 0.733 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.029 min

Lab File: VU050841.D

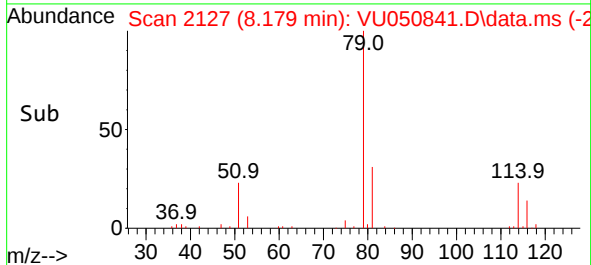
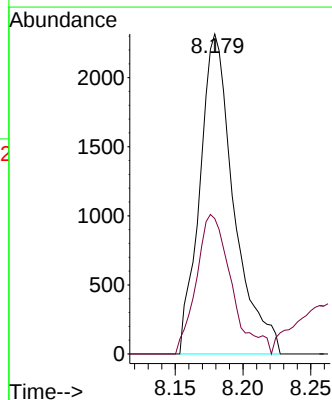
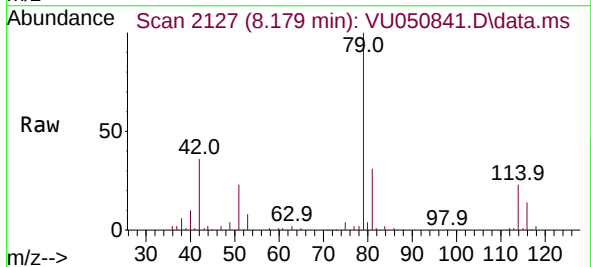
Acq: 20 Sep 2022 19:10

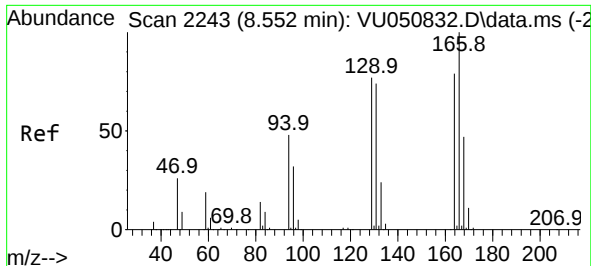
Tgt Ion: 75 Resp: 4056

Ion Ratio Lower Upper

75 100

77 42.3 21.9 40.7#

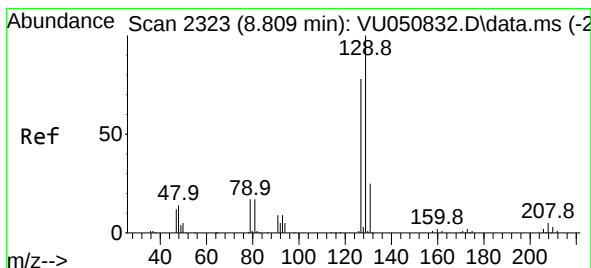
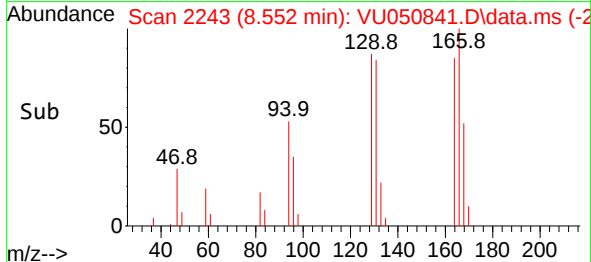
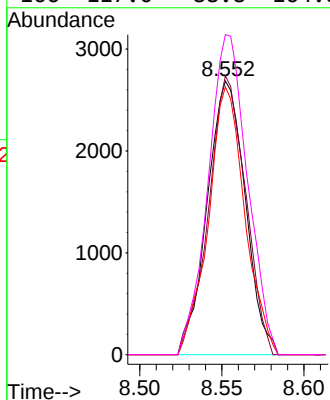
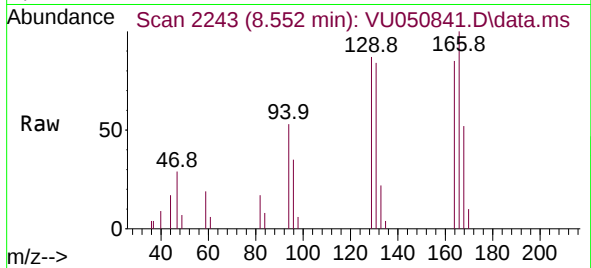




#46
Tetrachloroethene
Concen: 1.633 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050841.D
Acq: 20 Sep 2022 19:10

Instrument :
MSVOA_U
ClientSampleId :
EXZ34

Tgt Ion:	164	Resp:	4329
Ion	Ratio	Lower	Upper
164	100		
129	102.0	68.5	127.3
131	97.9	66.1	122.7
166	117.0	88.8	164.8



#49
Dibromochloromethane
Concen: 1.087 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.257 min
Lab File: VU050841.D
Acq: 20 Sep 2022 19:10

Tgt Ion:	129	Resp:	4269
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.5	101.1#

