

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
 Data File : VU051008.D
 Acq On : 30 Sep 2022 03:06
 Operator : JC/MD
 Sample : N4859-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 30 05:53:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 30 02:29:24 2022
 Response via : Initial Calibration

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

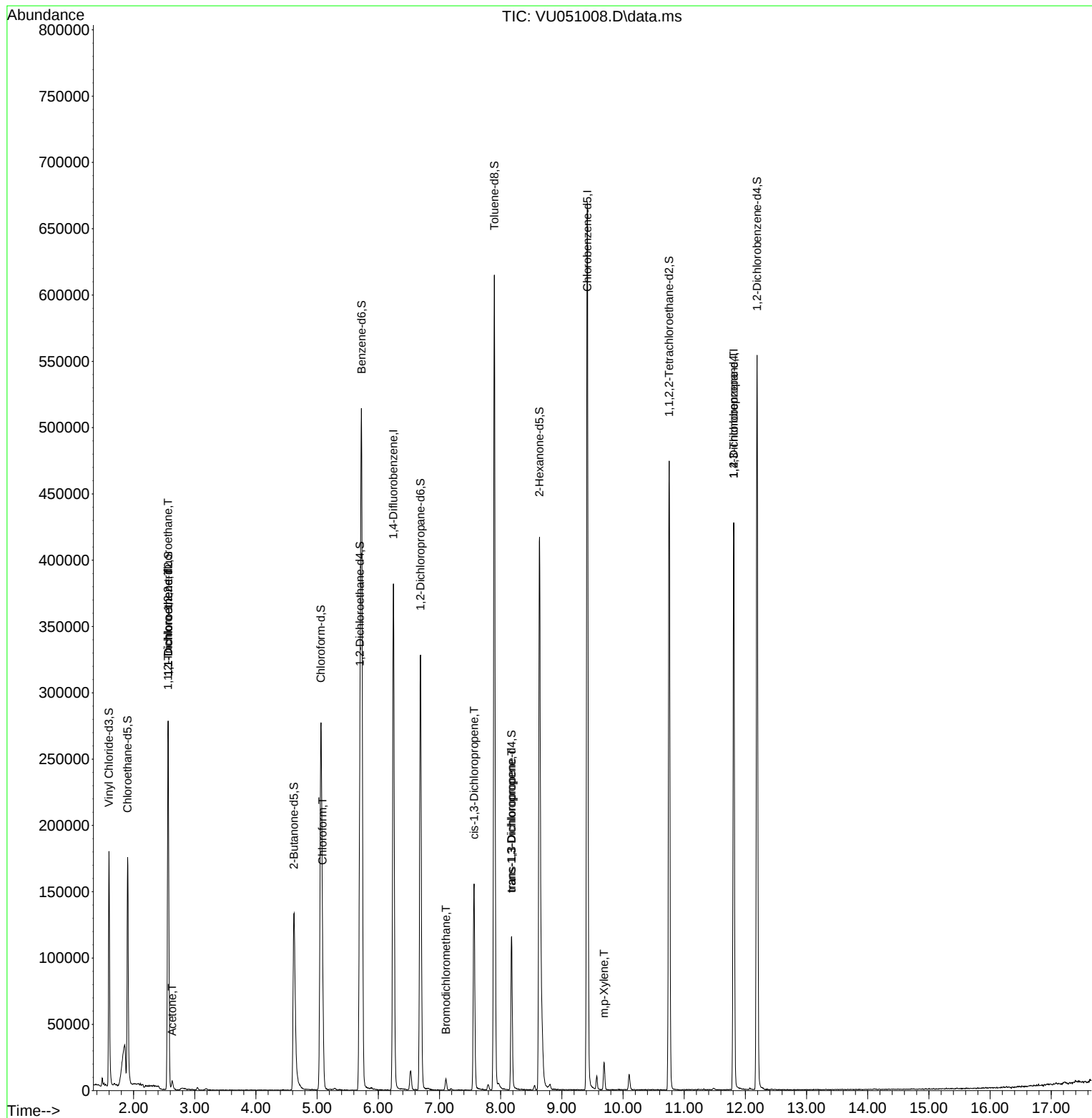
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	305493	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	370903	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	111439	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	133878	43.242	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	86.480%	
7) Chloroethane-d5	1.903	69	125966	43.800	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	87.600%	
11) 1,1-Dichloroethene-d2	2.565	63	158267	34.607	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	69.220%	
21) 2-Butanone-d5	4.620	46	194388	96.805	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	96.810%	
24) Chloroform-d	5.060	84	241786	48.473	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.940%	
26) 1,2-Dichloroethane-d4	5.700	65	155911	50.499	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.000%	
32) Benzene-d6	5.726	84	476884	43.906	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	87.820%	
36) 1,2-Dichloropropane-d6	6.690	67	156812	44.493	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	88.980%	
41) Toluene-d8	7.896	98	408969	40.754	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	81.500%	
43) trans-1,3-Dichloroprop...	8.179	79	64049	38.101	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	76.200%	
47) 2-Hexanone-d5	8.632	63	119890	84.245	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	84.240%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	237382	38.538	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	77.080%	
66) 1,2-Dichlorobenzene-d4	12.192	152	143518	60.285	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	120.580%#	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	883	0.379	ug/L #	20
12) 1,1-Dichloroethene	2.565	96	1283	0.589	ug/L #	1
13) Acetone	2.629	43	7847	4.894	ug/L	96
25) Chloroform	5.086	83	68799	14.367	ug/L	97
38) Bromodichloromethane	7.105	83	5988	1.474	ug/L	92
39) cis-1,3-Dichloropropene	7.565	75	3773	0.875	ug/L #	50
44) trans-1,3-Dichloropropene	8.176	75	3148	0.722	ug/L	100
53) m,p-Xylene	9.690	106	5645	1.170	ug/L	93
60) 1,2,3-Trichloropropane	11.809	75	13312	4.539	ug/L #	64

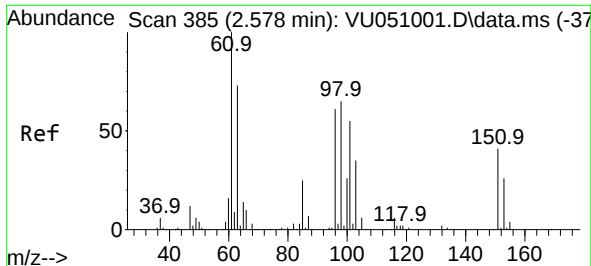
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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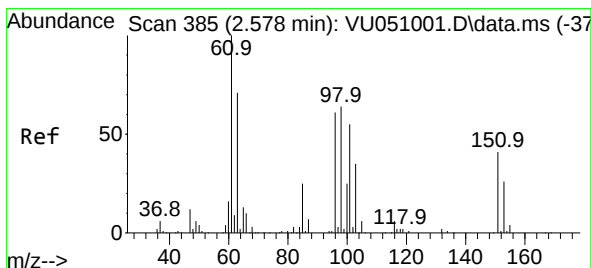
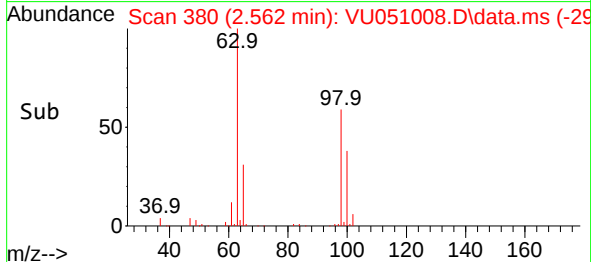
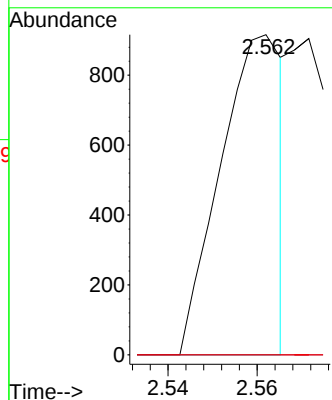
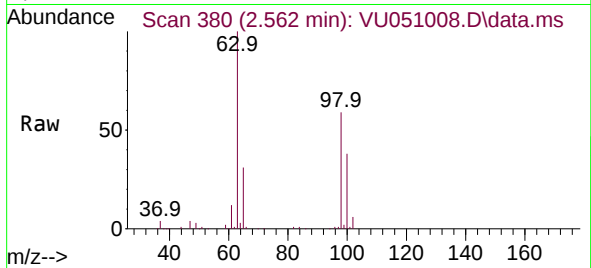




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.379 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU051008.D
Acq: 30 Sep 2022 03:06

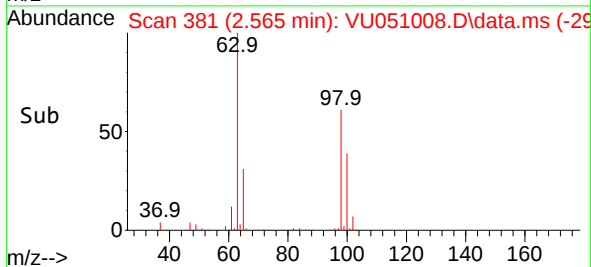
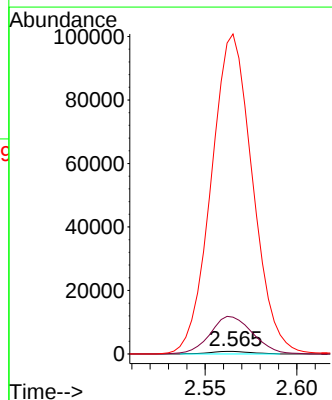
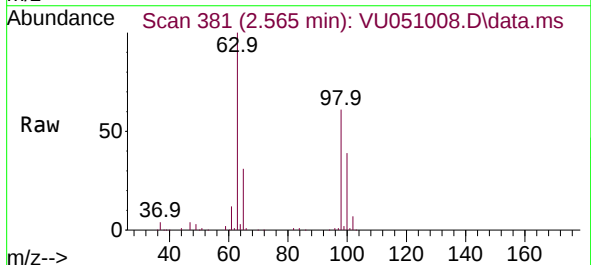
Instrument :
MSVOA_U
ClientSampleId :

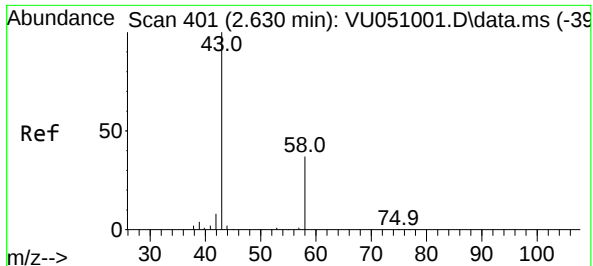
Tgt Ion:101 Resp: 883
Ion Ratio Lower Upper
101 100
85 0.0 34.6 52.0#
151 0.0 58.6 87.8#



#12
1,1-Dichloroethene
Concen: 0.589 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU051008.D
Acq: 30 Sep 2022 03:06

Tgt Ion: 96 Resp: 1283
Ion Ratio Lower Upper
96 100
61 1393.5 113.0 209.9#
63 12115.4 91.7 170.3#





#13

Acetone

Concen: 4.894 ug/L

RT: 2.629 min Scan# 401

Delta R.T. -0.000 min

Lab File: VU051008.D

Acq: 30 Sep 2022 03:06

Instrument :

MSVOA_U

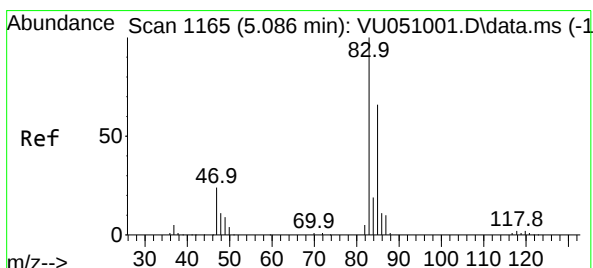
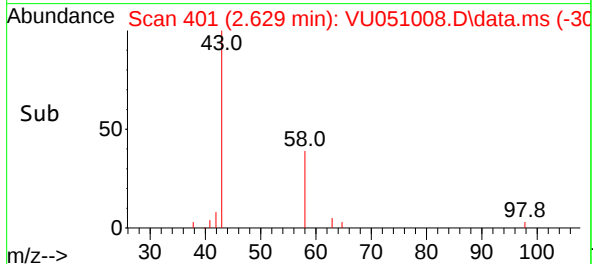
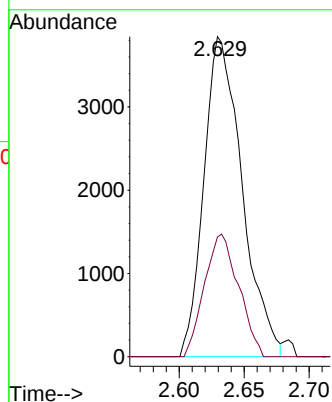
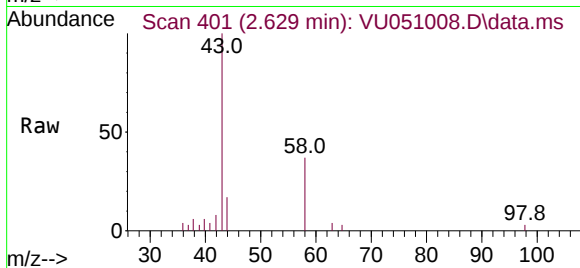
ClientSampleId :

Tgt Ion: 43 Resp: 7847

Ion Ratio Lower Upper

43 100

58 34.3 0.0 73.6



#25

Chloroform

Concen: 14.367 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051008.D

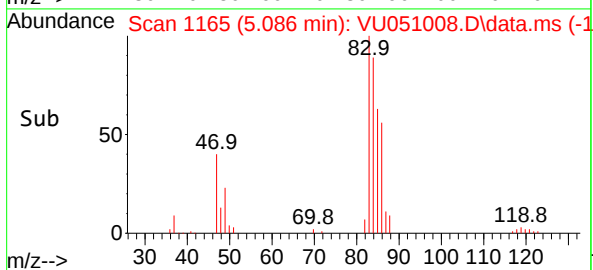
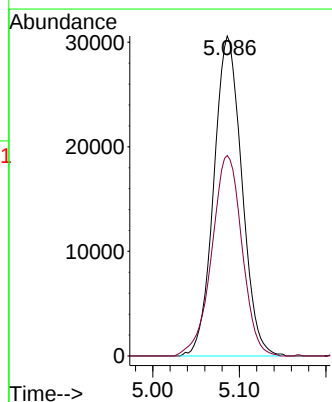
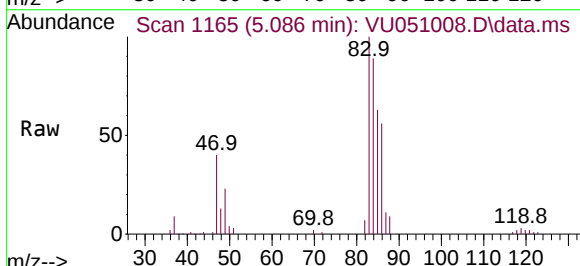
Acq: 30 Sep 2022 03:06

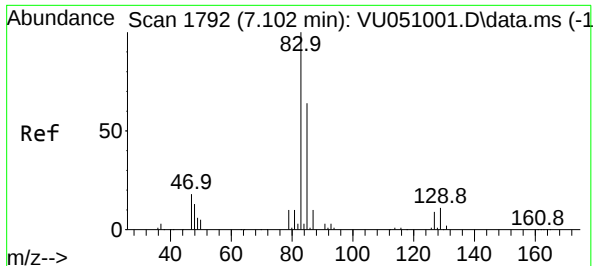
Tgt Ion: 83 Resp: 68799

Ion Ratio Lower Upper

83 100

85 62.6 45.7 84.9





#38

Bromodichloromethane

Concen: 1.474 ug/L

RT: 7.105 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU051008.D

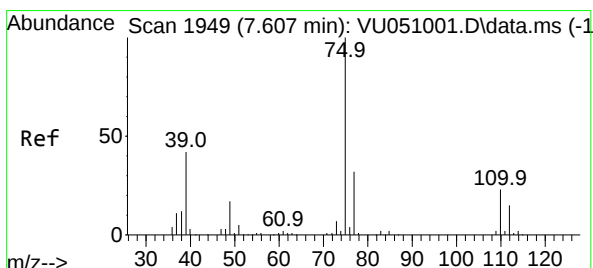
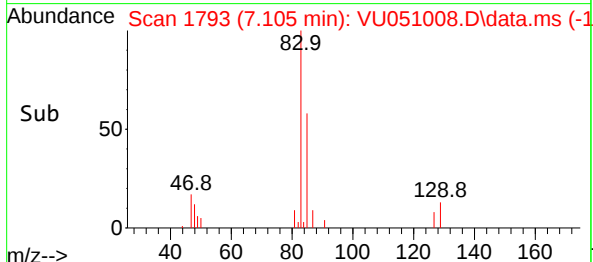
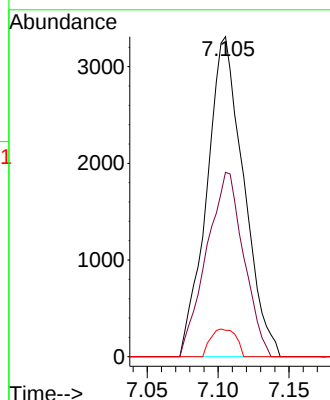
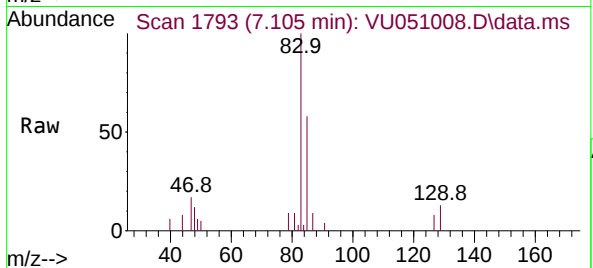
Acq: 30 Sep 2022 03:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 5988
Ion Ratio	Lower Upper
83 100	
85 57.6	45.1 83.7
127 8.3	6.7 10.1



#39

cis-1,3-Dichloropropene

Concen: 0.875 ug/L

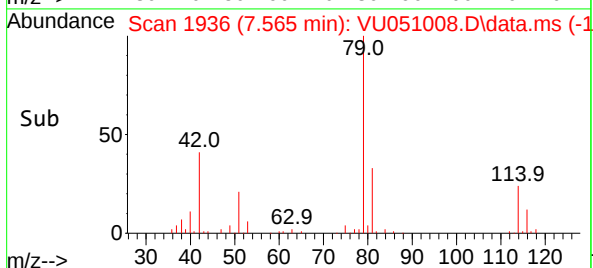
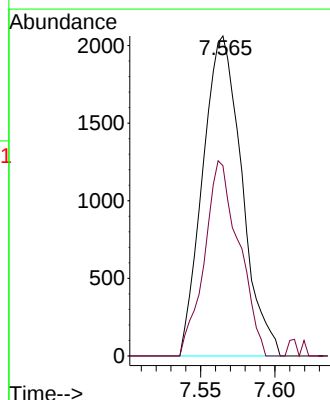
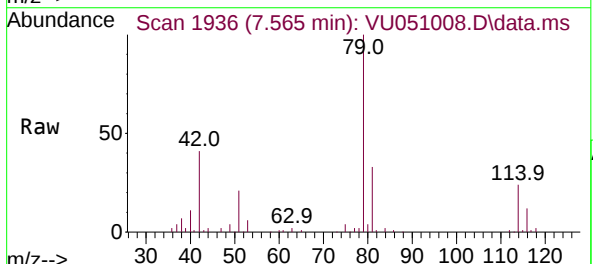
RT: 7.565 min Scan# 1936

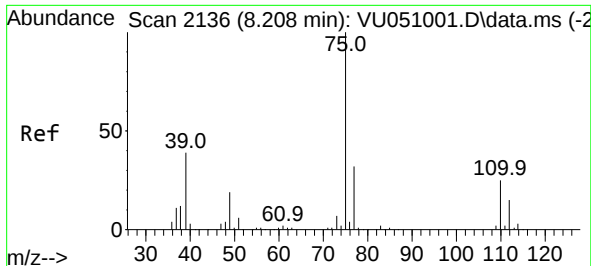
Delta R.T. -0.042 min

Lab File: VU051008.D

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Tgt Ion: 75	Resp: 3773
Ion Ratio	Lower Upper
75 100	
77 59.5	22.0 41.0#

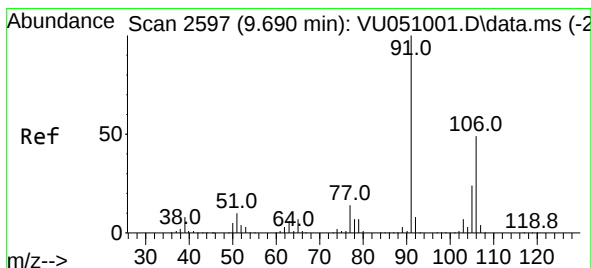
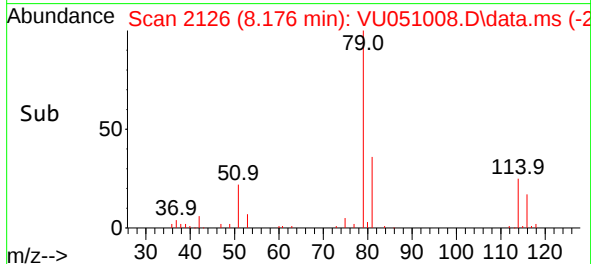
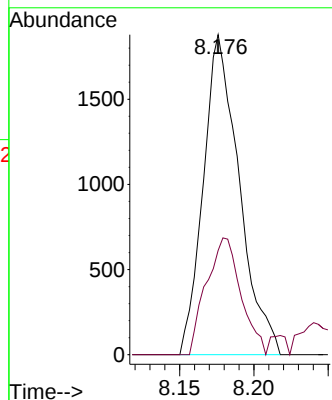
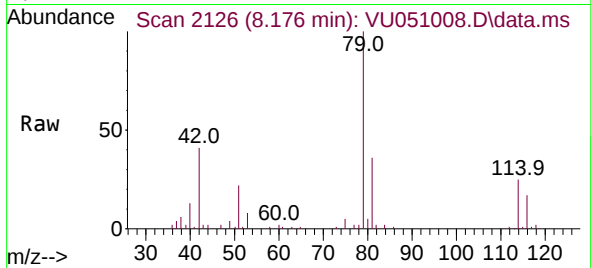




#44
trans-1,3-Dichloropropene
Concen: 0.722 ug/L
RT: 8.176 min Scan# 2136
Delta R.T. -0.032 min
Lab File: VU051008.D
Acq: 30 Sep 2022 03:06

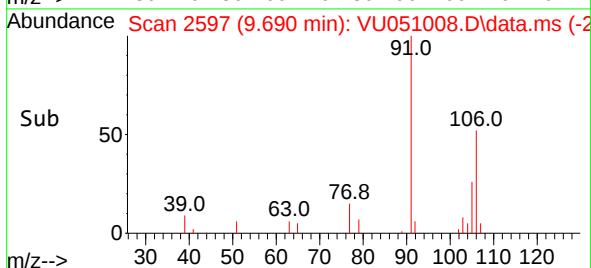
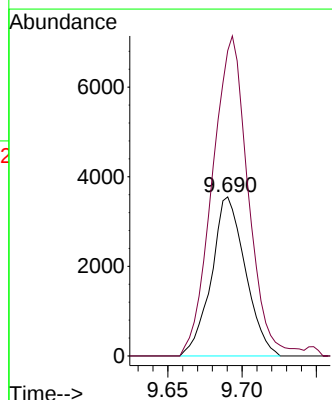
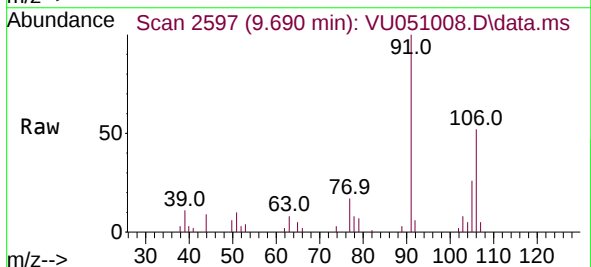
Instrument :
MSVOA_U
ClientSampleId :

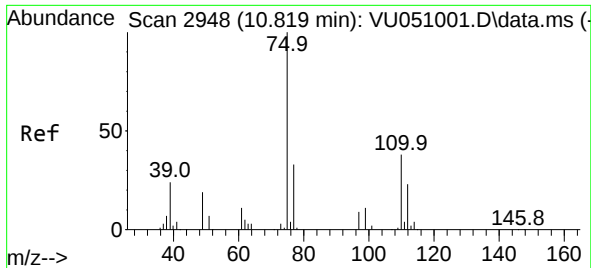
Tgt Ion: 75 Resp: 3148
Ion Ratio Lower Upper
75 100
77 32.6 22.7 42.3



#53
m,p-Xylene
Concen: 1.170 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU051008.D
Acq: 30 Sep 2022 03:06

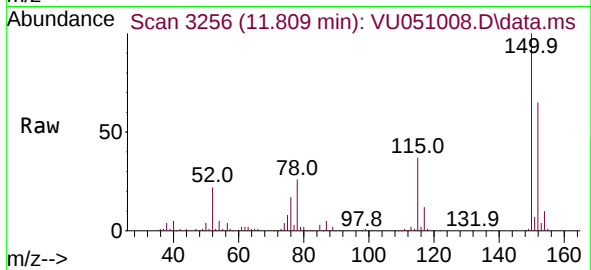
Tgt Ion: 106 Resp: 5645
Ion Ratio Lower Upper
106 100
91 192.0 141.9 263.5





#60
 1,2,3-Trichloropropane
 Concen: 4.539 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU051008.D
 Acq: 30 Sep 2022 03:06

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 13312
 Ion Ratio Lower Upper
 75 100
 77 37.4 26.1 39.1
 110 1.9 30.0 45.0#

