

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
 Data File : VU045217.D
 Acq On : 07 Oct 2021 18:24
 Operator : SY/MD
 Sample : VU1007WBL02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 07 22:19:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 22:18:46 2021
 Response via : Initial Calibration

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

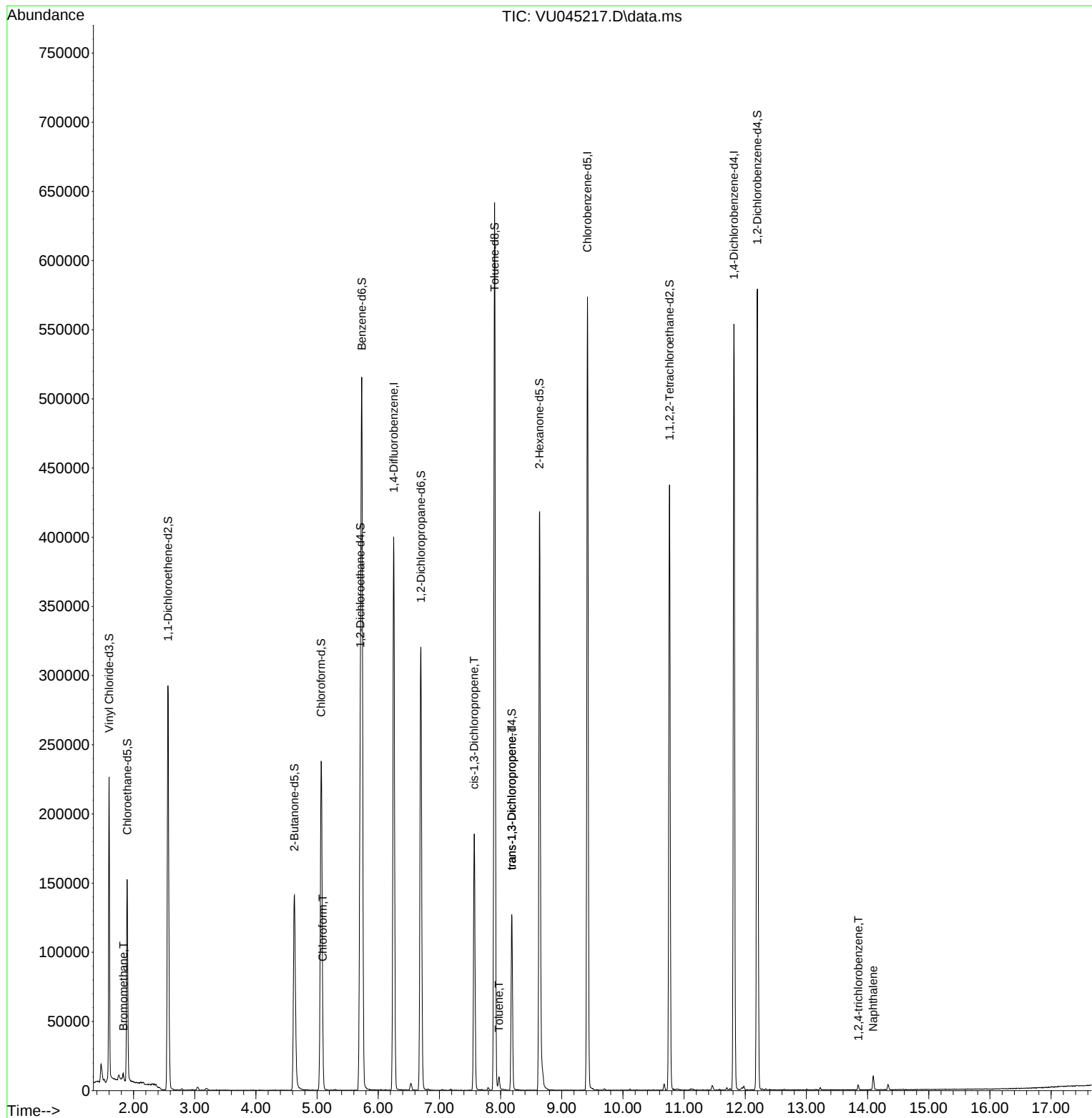
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	309247	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	296213	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	135483	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	139546	41.221	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	82.440%	
7) Chloroethane-d5	1.896	69	112004	41.751	ug/L	-0.01
Spiked Amount	50.000	Range 70 - 130	Recovery	=	83.500%	
11) 1,1-Dichloroethene-d2	2.562	63	178023	31.314	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	62.620%	
21) 2-Butanone-d5	4.629	46	203454	76.019	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	76.020%	
24) Chloroform-d	5.067	84	214715	40.158	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	80.320%	
26) 1,2-Dichloroethane-d4	5.706	65	153562	42.400	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	84.800%	
32) Benzene-d6	5.732	84	450306	43.811	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	87.620%	
36) 1,2-Dichloropropane-d6	6.697	67	144674	43.167	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	86.340%	
41) Toluene-d8	7.902	98	402308	45.355	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	90.720%	
43) trans-1,3-Dichloroprop...	8.182	79	66487	44.597	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	89.200%	
47) 2-Hexanone-d5	8.636	63	146628	78.947	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	78.950%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	215351	41.264	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	82.520%	
66) 1,2-Dichlorobenzene-d4	12.198	152	141296	47.922	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	95.840%	
Target Compounds						
					Qvalue	
6) Bromomethane	1.835	94	1142	0.658	ug/L	99
25) Chloroform	5.092	83	2915	0.559	ug/L	88
39) cis-1,3-Dichloropropene	7.568	75	4435	1.036	ug/L #	71
42) Toluene	7.973	91	6505	0.583	ug/L	98
44) trans-1,3-Dichloropropene	8.182	75	3222	0.792	ug/L #	78
70) 1,2,4-trichlorobenzene	13.848	180	1305	0.494	ug/L #	94
71) Naphthalene	14.092	128	8949	0.977	ug/L	98

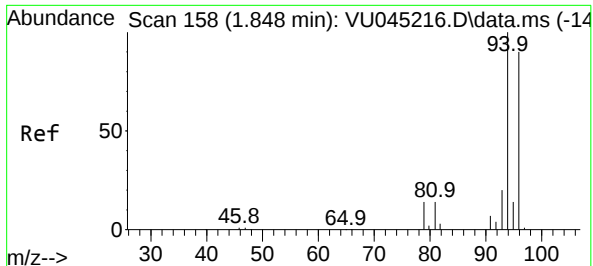
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 07 22:18:46 2021
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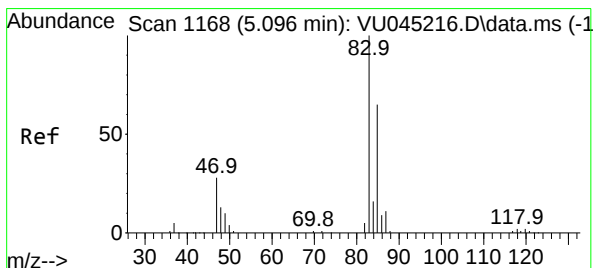
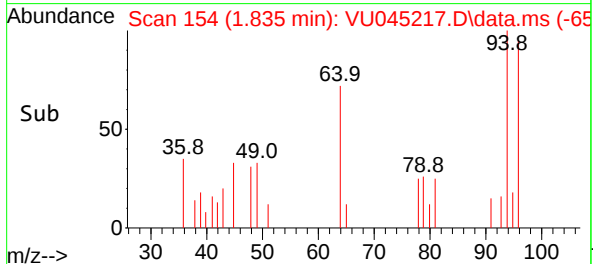
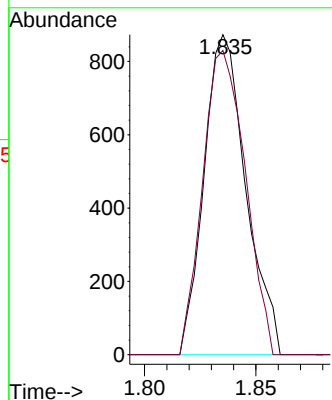
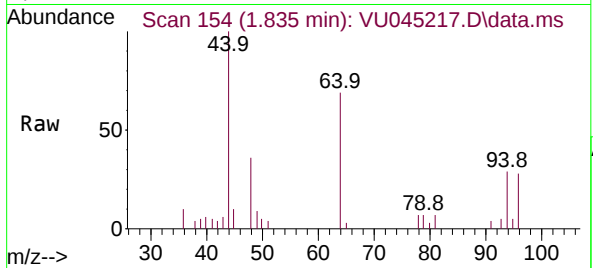




#6
Bromomethane
Concen: 0.658 ug/L
RT: 1.835 min Scan# 154
Delta R.T. -0.013 min
Lab File: VU045217.D
Acq: 07 Oct 2021 18:24

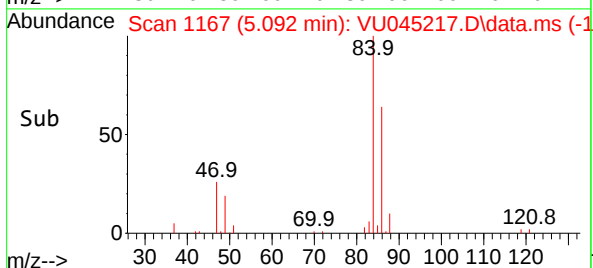
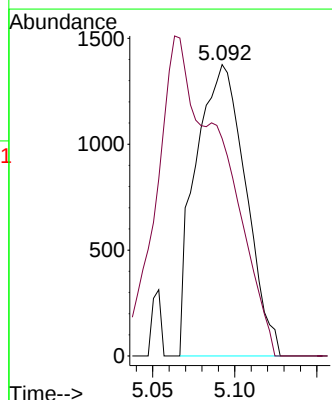
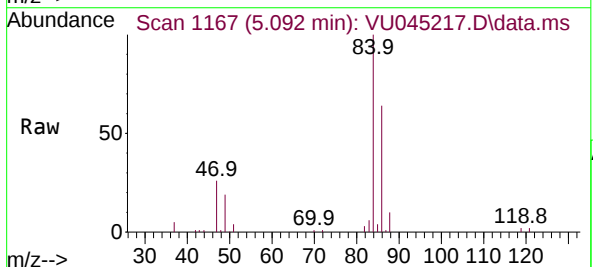
Instrument :
MSVOA_U
ClientSampleId :

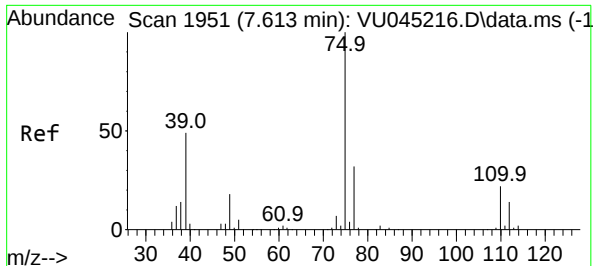
Tgt Ion: 94 Resp: 1142
Ion Ratio Lower Upper
94 100
96 95.1 65.7 121.9



#25
Chloroform
Concen: 0.559 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VU045217.D
Acq: 07 Oct 2021 18:24

Tgt Ion: 83 Resp: 2915
Ion Ratio Lower Upper
83 100
85 74.6 45.6 84.6



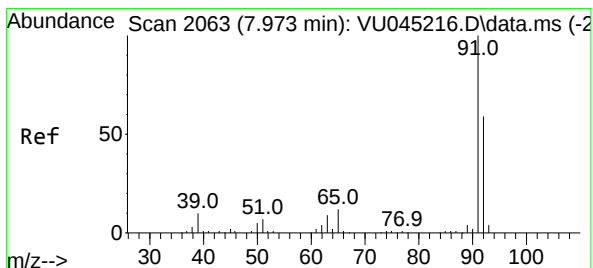
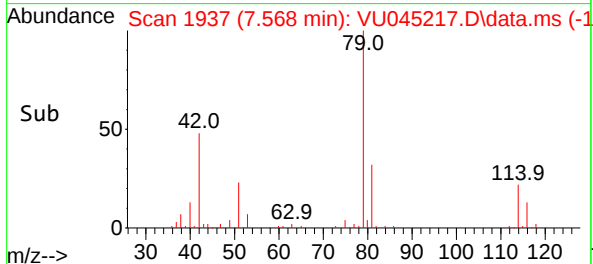
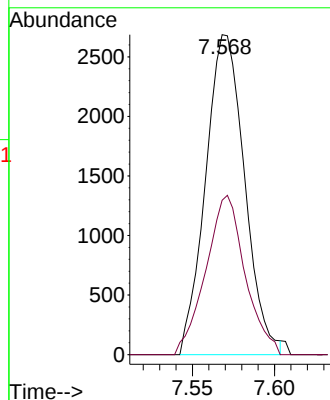
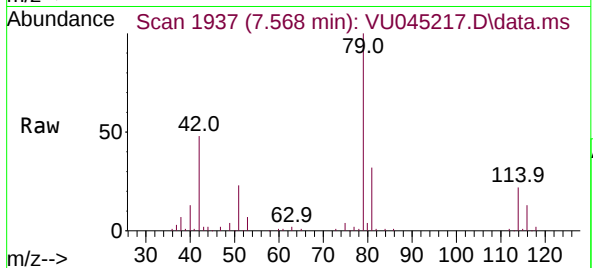


#39

cis-1,3-Dichloropropene
 Concen: 1.036 ug/L
 RT: 7.568 min Scan# 1937
 Delta R.T. -0.045 min
 Lab File: VU045217.D
 Acq: 07 Oct 2021 18:24

Instrument :
 MSVOA_U
 ClientSampled :

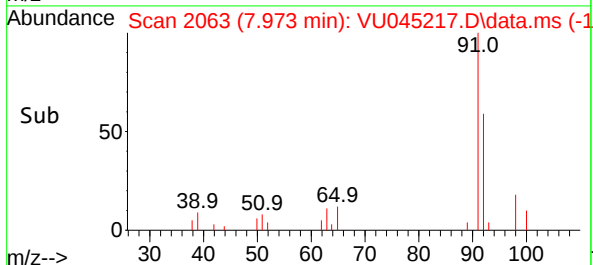
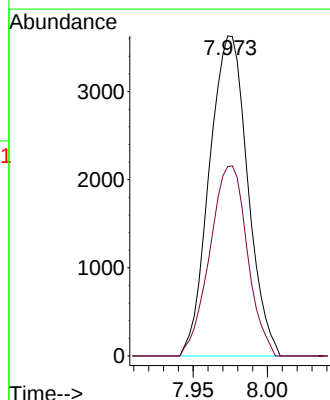
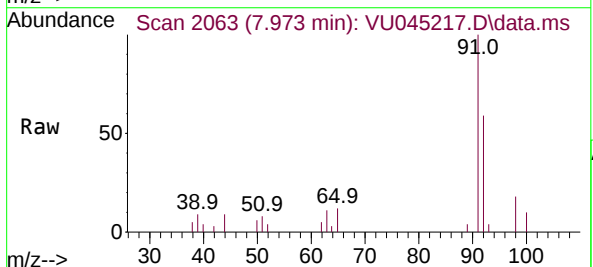
Tgt Ion: 75 Resp: 4435
 Ion Ratio Lower Upper
 75 100
 77 48.3 22.4 41.6#

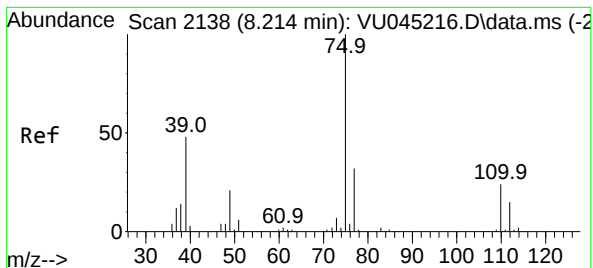


#42

Toluene
 Concen: 0.583 ug/L
 RT: 7.973 min Scan# 2063
 Delta R.T. -0.000 min
 Lab File: VU045217.D
 Acq: 07 Oct 2021 18:24

Tgt Ion: 91 Resp: 6505
 Ion Ratio Lower Upper
 91 100
 92 59.2 40.5 75.1



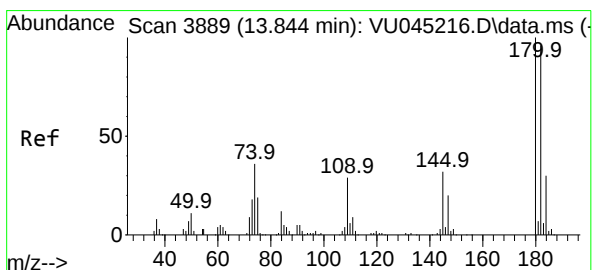
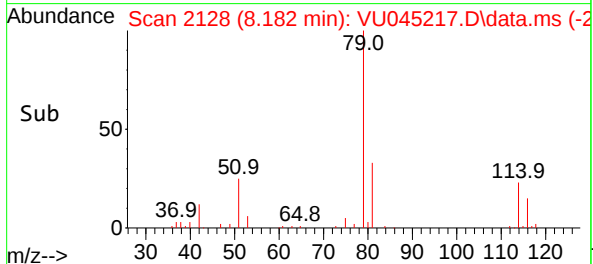
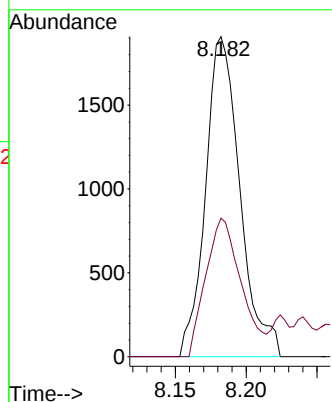
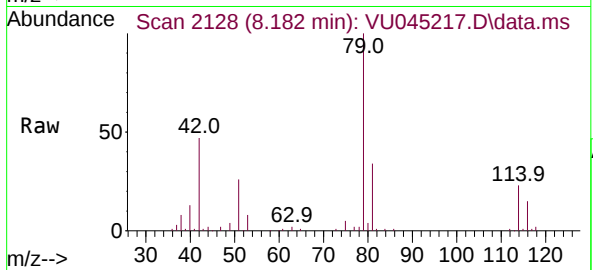


#44

trans-1,3-Dichloropropene
Concen: 0.792 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045217.D
Acq: 07 Oct 2021 18:24

Instrument :
MSVOA_U
ClientSampled :

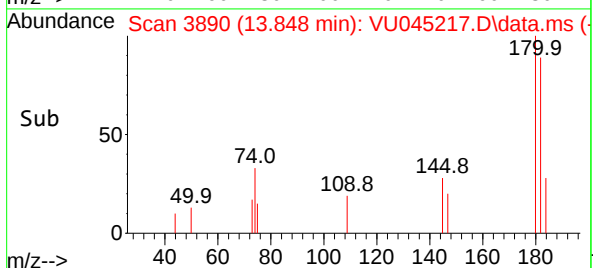
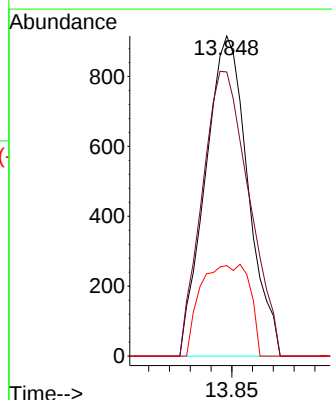
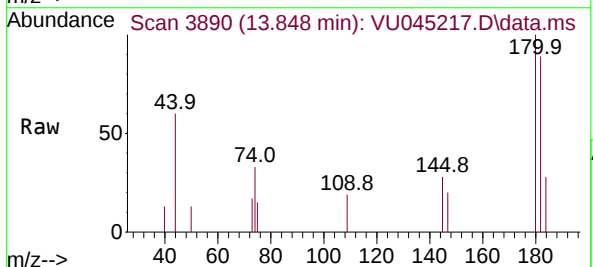
Tgt Ion: 75 Resp: 3222
Ion Ratio Lower Upper
75 100
77 43.3 21.7 40.3#

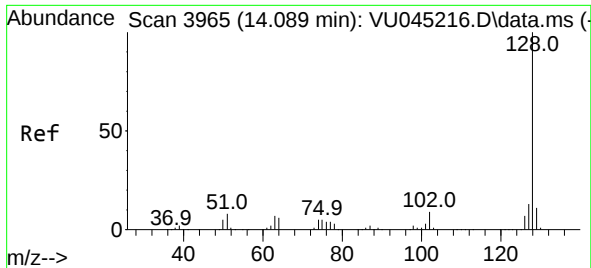


#70

1,2,4-trichlorobenzene
Concen: 0.494 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.003 min
Lab File: VU045217.D
Acq: 07 Oct 2021 18:24

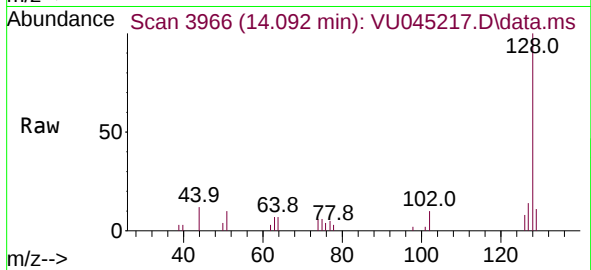
Tgt Ion:180 Resp: 1305
Ion Ratio Lower Upper
180 100
182 97.7 76.2 114.2
145 23.1 25.4 38.0#





#71
Naphthalene
Concen: 0.977 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045217.D
Acq: 07 Oct 2021 18:24

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 8949
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 9.8 8.8 13.2

